

Technical Memorandum

To	Ridgefield WPCA	Page	1 of 6
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Subject	Town of Ridgefield, CT Phase 2 Wastewater Facilities Plan Technical Memorandum No. 3 - Manhole Inspections		
From	Jon Pearson/Alberto Angles		
Date	December 21, 2016		

INTRODUCTION

This Technical Memorandum summarizes the findings of the manhole inspections conducted under the Phase 2 Wastewater Facilities Plan. Manholes in all subareas of the Sewer District 1 collection system were observed to identify their general condition and sources of infiltration and inflow (I/I). Alternatives to rehabilitate manholes are presented as well as concept level estimated costs.

BACKGROUND

During periods of wet weather and high groundwater, the collection system serving Ridgefield's Sewer District 1 experiences high flows. Previous studies and recent field work indicate that a large amount of infiltration/inflow (I/I) enters the wastewater collection system during these conditions. As part of the Phase 2 Wastewater Facilities Plan, the Town is conducting follow up activities to locate I/I sources as recommended in the Infiltration/Inflow Study conducted in 2007 and the 2015 Phase 1 Wastewater Facilities Plan. Smoke testing (all of Sewer District 1) and manhole inspections (Subarea 1 of Sewer District 1 only) were conducted as part of the Phase 1 Wastewater Facilities Plan. House-to-house inspections to locate sump pumps, manhole inspections, dyed water testing and dyed water tracing, and selected CCTV inspection of mainline and lateral service connections were undertaken as part of the Phase 2 Facilities Plan to further locate sources of I/I.

DATA COLLECTION

Physical inspection of manholes was performed to identify manholes with active infiltration, inflow, signs of previous leakage, or physical defects. Manhole inspections were performed by EST Associates, Inc. under subcontract to Mill City Environmental, under subcontract to AECOM. The manhole inspections were conducted from May through November of 2016.

There are an estimated 623 manholes in Sewer District 1. The number is estimated as not all of the manholes could be located in the field. In 2013, 63 manholes were inspected in Subarea 1 of Sewer District 1. Under the current investigations, an additional 464 manholes were inspected throughout Sewer District 1. To date, a total of 527 or 84.6% of the manholes have been inspected in Sewer

District 1. Field technicians entered each manhole to conduct the inspection. The following data was recorded:

1. Manhole identification by number;
2. Manhole location (nearest address or landmark), height of manhole cover above or below surrounding grade;
3. Manhole cover condition and type (if not standard), estimated drainage area surrounding cover potentially subject to ponding;
4. Condition of manhole frame;
5. Cracks or breaks in the corbel, walls, shelf, or invert;
6. Leakage, estimated in gallons per minute (gpm);
7. Integrity of joints between barrel sections (precast) and mortar joints (brick);
8. Construction materials and condition;
9. Manhole depth;
10. Depth of high water mark if visible;
11. Pipe material, size, flow depth at time of inspection, and connecting manhole; and
12. Condition of steps.

After the manhole inspection was completed, line lamping of the manhole inlet and outlet pipes was conducted. Line lamping provides a limited view of the condition of the sewer lines connected to the manhole. This was accomplished by use of a high intensity spot light or flashlight and allowed the field technician to see infiltration in the mainline sewer, if present, in close proximity to the manhole. The following information was also recorded:

1. Size and type of pipe;
2. Offsets or misalignment of pipe;
3. Protruding taps;
4. Root intrusion;
5. Visible leakage sources estimated in gallons per minute (gpm);
6. Depth of debris in pipe;
7. Sluggish flow or wastewater backing up into manhole; and
8. Condition of pipe or corrosion.

The manhole number designations on the inspection logs correspond to the manhole numbering system previously established by the Town on its map of the existing sewer system. Figure 1 attached is an updated version of the sewer system map that was previously prepared by AECOM. Where appropriate, revisions to the manhole numbering identified during the inspection have been made.

For each sewer manhole inspected, a manhole inspection log presenting the data collected was completed by the field crew. The manhole inspection logs are included in the manhole inspection report included as Attachment A.

ANALYSIS

Based on these inspections, the sewer manholes within the study area were generally found to be in fair to poor condition. Some manholes were observed to have sediment/debris build up, loose or

misaligned frames and covers, evidence of leaking walls, deteriorated benches and inverts, and missing benches. 69 manholes were observed with evidence of leakage during the inspection, however, little quantifiable infiltration was observed, approximately 5,000 gallons per day (gpd). It should be noted that due to drought conditions over the last several years, groundwater during the period of field work was unusually low. Evidence of leakage includes visible mineral deposits or staining of concrete walls where leakage is likely to have previously entered the manhole structure. Table 1, attached, presents a summary of the manhole defects noted. A total of 324 manholes were identified as having at least one of the defects noted above.

One observation not recorded in the manhole inspection logs, but of significance, is the number of manholes in areas subject to flooding that are not equipped with watertight, locking manhole covers. Areas subject to flooding are typically off-road locations adjacent to streams, swamps or other wetlands. Manhole covers located in flood-prone areas that are not watertight have the potential to be sources of inflow. It is recommended that these manhole covers be made watertight by either replacing them with watertight, locking manhole covers or installing manhole inserts to reduce the potential for inflow during periods of inundation. Another observation is the number of manholes in areas subject to flooding that have raised chimneys that are not watertight due to deteriorated masonry. Raised manholes located in flood-prone areas that are not watertight have the potential to be sources of inflow. Based on conditions observed during AECOM's field visits it is recommended that these raised manhole chimneys be wrapped with a watertight material to reduce leakage during periods of inundation.

Another observation recorded on the manhole inspection logs which may be of significance, is that 17 of the manholes inspected have force main connections discharging to them. Table 2 below lists the manholes that have one or more small diameter force main connections in each.

TABLE 2. MANHOLES OBSERVED WITH SMALL DIAMETER FORCE MAIN DISCHARGES

Manhole Number	Location
24	25 Prospect St.
49	41 Governor St.
71.2	54 Branchville Rd.
133	28 Gilbert St.
139	Ramapoo Rd./Gilbert St.
147	213 High Ridge Ave. Unit 2
600	2 North St.
610	Copps Hill Rd./North St.
654	3 Hillsdale Ave.
654.1	3 Hillsdale Ave.
157T	46 Barry Ave.
400E	Easement off Old Quarry Rd.
621D	162 Danbury Rd.
8C	7-10 Cook Close
8D	7-10 Cook Close
8E	12-15 Carpenter Close
N4	28 Nutmeg Ct.

These force main discharge connections should be investigated further to confirm that they are legitimate sewer service connections and not sump pump discharge connections.

During the field investigations, a number of manholes could not be inspected. These manholes were either buried, paved over, or unable to be located or opened. To fully complete the inspection of all of the manholes in Sewer District 1, the Town should take the necessary steps to locate and inspect the manholes identified in Table 3, attached.

Two unknown structures, on private property, which were identified as possible inflow sources during the smoke testing conducted in 2013, were scheduled to be inspected as well. One structure at 145 High Ridge Avenue has a concrete cover. The other structure at 149 Main Street has a granite cover. Because these are private structures, and due to concerns of damage to the covers and the surrounding pavement, these structures were not inspected. Instead, these structures were dyed water flooded, to confirm that they are sources of inflow into the sewer system.

Dyed water flooding was performed by introducing a large volume of dyed water into each structure. During the dyed water flooding, surrounding sanitary manholes in the vicinity were opened and inspected for visual observation of the presence of dyed water. The information collected in the field including sketches and photos are included in Attachment A.

Based on the manhole inspections, several manholes and the two private structures appear to be contributing a combined total of approximately 5,000 gpd of I/I to the collection system. However, this estimated flow is small compared to the direct inflow identified by other field efforts. The various I/I sources located during the entire field investigations will be ranked and an Inflow Reduction Plan developed as part of the Phase 2 Wastewater Facilities Plan.

REHABILITATION ALTERNATIVES

Many different techniques are available for the rehabilitation of sewer manholes. Below is a brief discussion of techniques considered for rehabilitation of manholes in Ridgefield.

Manhole Rehabilitation

Techniques identified below may be used to reduce infiltration and inflow which enter the sanitary sewer system through defective manholes. Some of these techniques also provide improvements to the structural integrity of the manholes.

Replace Frame & Cover. When the frame and cover of a manhole is chipped, cracked, or perforated, inflow may enter the system. The defective frame and/or cover should be replaced with a new manhole frame and/or cover. Additionally, off-road manhole frames and covers should be replaced with watertight locking type frames and covers to minimize inflow.

Install Manhole Insert. Off-road manhole frames and covers that are not watertight, may have manhole inserts installed to reduce inflow. The insert sits in the existing frame, preventing water entry into the manhole. Stainless steel inserts are recommended over plastic for durability. It should be noted that the inserts will require routine maintenance and may be subject to freezing in place.

Raise Manhole. Manholes can be raised by removing the frame and cover and building onto the existing brick work or corbel to the desired higher elevation. This technique may be used in paved or unpaved areas. The existing frame and cover may be reused if in good condition. Raising a manhole may reduce inflow quantities in those situations where the manhole is located in an area that accumulates water.

Reset Frame & Cover. Leaking around the manhole frame and cover may only require the frame be reset. This can reduce the amount of inflow during storm events. Resetting assumes the existing frame and cover are in good condition.

Repair Chimney. Chimney repair consists of sealing the manhole frame to the brick masonry of the chimney and patching any visible leaks to minimize inflow or infiltration sources. This repair may only be effective if the overall condition of the manhole is good. If the manhole condition is poor, additional repairs to seal the manhole from top to bottom may be required such as chemical sealing and interior coating or manhole relining.

Wrap Manhole Chimney. Raised manholes located in flood prone areas that are not watertight have the potential to be sources of inflow. The exterior portions of the exposed manhole can be wrapped with a heat shrinkable flexible material (e.g. WrapidSeal™) for protection. The existing frame and cover can be reused if in good condition. Wrapping the manhole chimney may reduce inflow quantities in those situations where the manhole is located in an area which accumulates water. Raised manholes in easement areas should be wrapped to reduce inundation during wet weather.

Root Control. Trees and shrubs adjacent to sewer manholes often cause damage to manholes with their roots. Roots may enter the manhole through loose or missing mortar, under frames, between joints in the manhole walls, or at pipe connections. The resultant openings that the roots create allow infiltration to enter the sewer manhole. Further, the roots can block the pipe and restrict flow through the manhole. When this occurs, the roots may be removed by grinding and cutting. After removal, a herbicide is applied to kill the roots in the immediate vicinity of the manhole. Resultant root damage may be repaired by other means such as chemical sealing.

Chemical Sealing. Chemical sealing can be effective in reducing and/or eliminating infiltration through defects in manhole walls, bases, inverts, and pipe to manhole connections. One or more holes are drilled in the wall of a manhole through which chemical grout is injected. When the chemicals react, they create an impermeable plug. If the manhole is in poor structural condition, however, this repair may not be effective in sealing the entire manhole since infiltration tends to migrate and leak through other locations within the manhole. As a result, chemical sealing together with interior coating of the manhole may be required.

Interior Coating. Interior coating of a manhole may be effective in sealing interior walls against infiltration when a manhole is in good structural condition. An impermeable coating, such as epoxy or polyurethane, is sprayed on manhole walls to seal against any leaks. Typically, the entire manhole is sealed, not just a limited area. However, as mentioned above, chemical sealing of the manhole prior to interior coating may be necessary.

Manhole Replacement or Lining. Under some circumstances, the rehabilitation techniques described above may not be sufficient and replacement of the defective manhole may be

recommended. However, lining a manhole may be more cost-effective than replacing it with a new one depending on the manhole location and extent of the defects. Brick manholes that are old will often have several defects that could require multiple repairs and also have minor structural defects. A simple interior coating can reduce leakage, but lining can be more thorough and provide some additional structural support.

SUMMARY AND ESTIMATED COSTS

As summarized in Table 4, attached, there are a total of 324 manholes which were identified as requiring repair of defects and/or cleaning to remove sediment and debris accumulated on the bench or in the invert of the manhole. A number of rehabilitation methods have been identified to repair the defects identified.

Table 4 presents a summary of the estimated costs for manhole rehabilitation, including an allowance for engineering and contingencies. The manhole rehabilitation generally includes resetting or replacing frames and covers, chemical sealing and/or interior coating of walls, and repairs to the chimney, bench and invert areas. The total estimated cost of the manhole rehabilitation is approximately \$1,100,000. It should be noted, however, that Town forces could perform portions of the manhole repair work (i.e., manhole cleaning, resetting of manhole frames and covers, and installing manhole inserts). This would likely reduce the overall cost of the manhole repairs.

In addition to the above, the two private structures were identified as sources of inflow into the sewer system. To eliminate or reduce the inflow from these private sources, the private property owners should be required to repair or replace these structures. The WPCA has determined that the cost to rehabilitate private inflow sources will be borne by the owner of the private property. Since these inflow sources are located on private property, no rehabilitation costs have been estimated.

As previously noted, the manhole inspection activities have been conducted under the Phase 2 Wastewater Facilities Plan to further locate sources of I/I. Other activities to locate I/I sources conducted under the Facilities Plan include television inspection of selected mainline sewers and lateral service connections, house-to-house inspections, and dyed water testing and tracing. The rehabilitation alternatives presented herein along with those arising from the other activities to locate I/I will be incorporated into an Inflow Reduction Plan in the Phase 2 Wastewater Facilities Plan Report that will present an approach for the town to reduce collection system I/I.

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/Debris Buildup	Defective Chimney	Loose/Misaligned F & C	Defective F & C	Evidence/Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. Inflow (gpd)	Comments
										Bench	Invert				
6	1	Back of Wastewater Treatment Plant	3'11"	Pre cast											Off-road location.
6	1.1	Back of Wastewater Treatment Plant	5'	Pre cast		X	X		X				X		Off-road location.
6	2	Back of Wastewater Treatment Plant	6'5"	Unknown				X							Off-road location. Surcharged 5', cannot see outgoing or incoming pipes. Only can see overflow line to manhole 1.1.
6	3	66 Grove St.	6'	Brick		X									Off-road location.
6	4	66 Grove St.	3'6"	Brick	X	X				X			X		Locking cover.
6	5	66 Grove St. Unit	2'8"	Brick	X	X									Off-road location.
6	6	66 Grove St	8'8"	Brick	X	X	X								Two 2" adjustments and one 3" adjustment.
6	7	7-10 Keeler Close	4'8"	Brick		X									1.5" adjustment.
4	9	520 Main St. Near brook	5'9"	Brick			X		X						Locking cover, not locked. Frame not cemented down to cone.
4	13	Grove St.	7'	Brick	X				X		X		X		2" adjustment. Cracked pavement surrounding manhole.
4	14	43 Grove St.	3'7"	Brick		X									Cracked pavement surrounding manhole . 1" adjustment and 1.5' adjustment.
4	15	Grove St./ Prospect St.	7'8"	Brick		X				X					
4	18	63 Prospect St.	7'7"	Brick	X	X							X		Cracked pavement surrounding manhole.
4	19	109 East Ridge	5'10"	Brick		X							X		
4	20	East Ridge	4'4"	Brick		X				X					
4	20.1	66 Prospect St.	5'2"	Pre cast				X		X		X			Off-road location. No frame and cover. Pre cast ring with 30" concrete covers in place instead.
4	20.3	66 Prospect, behind gymnasium	3'10"	Pre cast											Off-road location. Distance taken to manhole 20.1. Manhole 20.2 not found.
4	21	520 Main St. Near brook	4'1"	Brick	X				X	X					Locking cover, not locked.
4	21.1	520 Main St. Unit 7 rear	12'	Pre cast		X									Cracked pavement surrounding manhole.
4	22	500 Main St.	8'3"	Parged									X	1440	Off-road location.
4	22.1	500 Main St.	4'	Pre cast											Off-road location.
4	22.2	500 Main St	6'1"	Pre cast											Off-road location.
4	24	25 Prospect St.	9'7"	Brick					X				X		Bolt down cover w/no bolts.

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										Bench	Invert				
4	25	Bailey Ave./Prospect St.	5'11"	Brick		X			X						2.5" adjustment and 1.5' adjustment.
4	30	Bailey Ave. at utility pole 564-8	7'9"	Brick			X		X						6" cast iron pipe running NE through manhole.
4	31	38 Bailey Ave.	6'5"	Brick						X					1" adjustment and 1.5" adjustment. adjustments need replacing. Cracked pavement surrounding manhole.
4	33	470 Main St. Rear	8'1"	Pre cast		X									Cracked pavement surrounding manhole.
4	36	31 Bailey Ave.	5'6"	Brick		X							X		Cracked pavement surrounding manhole. 2" adjustment and 1.5" adjustment. Adjustments need replacing.
4	38	27 Bailey Ave.	3'3"	Brick		X							X		Cracked pavement surrounding manhole. 1.5" adjustment.
4	39	18 Bailey Ave.	7'11"	Brick		X				X					Cracked pavement surrounding manhole. 1.5" adjustment.
4	40	3 Bailey Ave.	6'4"	Brick		X									Cracked pavement surrounding manhole. 0.75" adjustment.
4	41	18 Bailey Ave. Rear	9'3"	Block					X						
4	42	Governor St. Merchants Plaza	7'9"	Brick		X	X								
4	44	Governor St.	7'6"	Brick		X									Cracked/missing pavement surrounding manhole. 1.5" adjustment.
4	45	Governor St.	7'5"	Brick	X	X	X								Cracked pavement surrounding manhole. 1.5" adjustment.
4	46	30 Prospect St.	8'1"	Block									X		Cracked pavement surrounding manhole.
4	47	32 Prospect St.	9'	Brick		X									Off-road location.
4	48	41 Governor St.	3'9"	Brick	X	X									Off-road location.
4	49	41 Governor St.	12.0	Pre cast		X									
4	50	41 Governor St. At Entrance	9'3"	Pre cast			X								Cover is marked drain.
1	71.2	54 Branchville Rd.	3'6"	Pre cast						X		X			
1	71.4	63 Rockwell Rd.	3'6"	Pre cast			X								
1	71.6	61 Rockwell Rd.	3'4"	Pre cast						X		X			
1	83	200 Main St.	10'4"	Brick	X	X			X						Off-road location.
1	88	94 Main St.	9'5"	Brick						X					
1	110	West Ln./High Ridge Ave.	8'6"	Brick	X	X									Three 2" adjustments.

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										Bench	Invert				
6	116	80 Grove St.	8'3"	Brick		X									Off-road location. 3" adjustment.
6	116.1	22-25 Olcott Way	9'	Pre cast	X	X			X				X	144	
6	117	90 Grove St.	6'6"	Brick	X										3" adjustment and two 1.5" adjustments.
6	119	Grove St.	7'11"	Brick	X	X							X		Three 1.5" adjustments.
6	120	Grove St./Danbury Rd.	8'4"	Brick		X	X						X		2" adjustment.
6	121	14-24 Danbury Rd.	8'7"	Brick		X	X		X						
5	124	18 N Salem Rd.	3'6"	Brick	X	X			X	X					Cracked pavement surrounding manhole.
6	127	593 Main St.	6'8"	Brick		X									
6	129	549 Main St.	10'2"	Pre cast					X				X		Off-road location.
6	130	8 New St.	6'4"	Brick	X	X							X		Off-road location.
3	131	11 New St.	10'4"	Pre cast											Off-road location.
3	132	40 Gilbert St.	2'9"	Brick	X	X			X				X		Off-road location.
3	133	28 Gilbert St.	7'1"	Pre cast		X							X		2" adjustment.
3	134	46 Gilbert St.	6'5"	Brick	X										Three 1" adjustments.
3	134.2	28 Gilbert St.	9'1"	Brick		X							X		
3	135	48 Gilbert St.	8'4"	Brick			X								1" adjustment and 3" adjustment. Cracked pavement surrounding manhole.
3	136	28 Abbott Ave.	5'2"	Pre cast		X				X	X				
3	137	29 Abbott Ave.	11'11"	Pre cast									X		Cracked pavement surrounding manhole.
3	138	31 Abbott Ave.	4'5"	Brick	X	X									Cracked/missing pavement surrounding manhole.
3	139	Ramapoo Rd./Gilbert St.	7'3"	Brick		X									Two 0.75" adjustments. Adjustments need replacing. Cracked/missing pavement surrounding manhole.
3	139.1	2 Ramapoo Rd.	3'10"	Pre cast									X		
3	142	188 High Ridge Ave.	6'9"	Brick	X	X									1.5" and 1" adjustment.
3	145	21 Ramapoo St.	8'4"	Pre cast	X										
3	147	213 High Ridge Ave. Unit 2	6'7"	Pre cast	X								X		Off-road location.

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										Bench	Invert				
3	149	16 Mulvaney act.	4'9"	Pre cast		X									Off-road location.
3	149.1	16 Mulvaney Ct.	5'3"	Pre cast											Off-road location.
3	149.2	16 Mulvaney Ct.	6'5"	Pre cast		X									Off-road location.
3	152	10 Barry Ave.	6'11"	Brick		X		X							
3	153	14 Barry Ave.	9'9"	Pre cast	X	X		X					X		
3	154	20 Barry Ave.	7'1"	Brick	X	X			X				X		
3	155	Greenfield st. @ Barry Ave.	4'9"	Brick	X	X			X						Cracked pavement surrounding manhole. Abandoned ground water gauge.
3	156	42 Barry Ave.	8'4"	Pre cast											Off-road location.
3	157	44 Barry Ave.	11'7"	Pre cast		X									Off-road location. Two 2' adjustments.
3	159	14 Greenfield Ave.	6'4"	Brick	X	X	X		X						Cover is too small for frame. One 1.5' adjustment and two 2' adjustments. Cracked pavement surrounding manhole.
3	160	Bryon Ave./Greenfield Ave.	8'7"	Poured in place		X									Cracked/missing pavement surrounding manhole.
3	161	43 Bryon Ave.	6'9"	Brick	X	X									Cracked pavement surrounding manhole.
3	163	20 Bryon Ave.	6'2"	Pre cast			X						X		
3	163.1	20 Bryon Ave.	6'5"	Brick	X	X			X						Cracked pavement surrounding manhole.
3	164	6 Bryon Ave.	5'1"	Brick	X	X			X						Cracked pavement surrounding manhole.
3	165	533 Main St.	7'6"	Pre cast	X								X		Off-road location.
3	166	509 Main St.	6'7"	Brick					X				X	360	Off-road location.
2	167	Gilbert St. In sidewalk.	5'9"	Brick		X									
2	170	451 Main St.	11'1"	Pre cast		X									
2	172	6 Catoonah St.	4'8"	Brick	X	X			X						Cracked pavement surrounding manhole.
2	173	19 Catoonah St.	7'9"	Brick		X		X							Cracked pavement surrounding manhole. Photo 2 shows crack in cover.
2	175	33 Catoonah St.	7'6"	Pre cast							X				
2	176	36 Catoonah St.	4'8"	Brick			X						X		1.5' adjustment. adjustment is loose. Cracked pavement surrounding manhole.
2	176.1	42 Catoonah St.	5'9"	Pre cast			X						X		Cracked pavement surrounding manhole. Cover does not fit frame.

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Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/Debris Buildup	Defective Chimney	Loose/Misaligned F & C	Defective F & C	Deteriorated		Evidence/Leaking Walls	Missing Bench	Deteriorated Connection to Manhole	Est. In (gpd)	Comments
									Bench	Invert					
2	179	153 High Ridge Ave	3'1"	Brick		X									Cracked pavement surrounding manhole.
2	180	High Ridge Ave./Griffith Ln.	7'2"	Brick	X	X						X	X		2" adjustment.
2	185	351 Main St.	6'1"	Brick & parged	X	X					X		X		Off-road location.
2	187	283 Main Street	7'9"	Brick										360	Off-road location.
2	188	283 Main St.	6'9"	Brick		X					X				Off-road location.
2	189	21 King Ln.	8'9"	Parged						X					
2	191	44 King Ln.	4'4"	Brick		X									1.5" adjustment.
2	194	2 Peaceable St.	7'6"	Brick			X								Two 1.5" adjustments. Cover does not fit adjustment.
2	196	87 High Ridge Ave.	4'11"	Brick											Off-road location. Manhole should be marked with steel post.
2	197	63 High Ridge Ave.	5'	Brick	X	X							X		Off-road location.
2	199	59 High Ridge Ave.	2'7"	Brick											Off-road location.
2	202	21 King Ln.	1'6"	Parged & brick		X									Off-road location.
2	203	181 Main St.		Parged		X							X	1800	Off-road location.
2	204	181 Main St.	3'6"	Parged											Off-road location.
2	205	149 Main St.	7'10"	Parged											Off-road location.
2	206	30 Griffith Ln.	8'10"	Block		X									
2	208	8 Griffith Ln.	6'10"	Brick		X									Off-road location.
6	400	Back side of Wastewater Treatment Plant	3'10"	Pre cast	X								X		Off-road location.
6	401	15 South St.	10'1"	Pre cast	X	X			X						Off-road location. Surcharges to 1" when force main is on.
5	601	4 North St	5'6"	Pre cast									X		
5	605	34 North St.	10'7"	Pre cast			X								1.5" adjustment.
5	617	Copps Hill Road	11'3"	Precast	X										Off-road location. In grass off to side of road.
5	618	63 Copps Hill Rd.	22'1"	Pre cast		X	X								
5	619	143 Danbury Rd.	6'	Pre cast		X							X		Cracked pavement surrounding manhole.

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										Bench	Invert				
5	621	Farmingville Rd./Danbury Rd.	13'6"	Pre cast	X		X		X						
5	623	108 Danbury Rd.	4'7"	Pre cast		X									
5	624	100 Danbury Rd.	10'4"	Pre cast		X							X		
5	625	100 Danbury Rd.	9'7"	Pre cast		X									
5	626	92 Danbury Rd.	9'4"	Pre cast		X									
5	628.1	98 Danbury Rd.	10'1"	Pre cast	X	X							X		
5	628.2	96 Danbury Rd.	4'6"	Pre cast		X									
5	629	90 Danbury Rd.	9'9"	Pre cast		X									
5	630	10 Roberts Ln.	8'4"	Pre cast		X			X						Cracked pavement surrounding manhole.
5	633	26 Roberts Ln.	8'4"	Pre cast		X									
5	634	32 North St.	9'3"	Pre cast		X									Cracked pavement surrounding manhole.
5	636	24 North St.	7'7"	Pre cast		X									Cracked pavement surrounding manhole.
5	637	18 Rochambeau Ave.	5'9"	Pre cast									X		Cracked pavement surrounding manhole.
5	641	12 Lafayette Ave.	7'6"	Pre cast				X							Cracked pavement surrounding manhole.
5	643	24 Rochambeau Ave.	4'8"	Pre cast		X									
5	644	30 Rochambeau Ave.	4'1"	Pre cast											4" below grade.
5	646	27 Mountain View Ave.	9'3"	Pre cast		X									Footage taken to manhole 644.
5	647	11 Mountain View Ave.	8'5"	Pre cast		X		X							Cracked pavement surrounding manhole.
5	648	2 Mountain View Ave.	8'7"	Pre cast		X									Cracked pavement surrounding manhole.
5	649	8 Washington St.	12'2"	Pre cast		X									Off-road location.
5	650	19 Lafayette Ave.	10'8"	Pre cast											Off-road location.
6	650	55 Danbury Rd.	8'3"	Pre cast	X										Cracked pavement surrounding manhole.
5	654	3 Hillsdale Ave.	5'3"	Pre cast				X							Cracked pavement surrounding manhole.
5	655	12 Island Hill Rd.	10'5"	Pre cast		X		X							Cracked pavement surrounding manhole.

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/ Debris Buildup	Defective Chimney	Loose/ Misaligned F & C	Defective F & C	Evidence/ Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. Inflow (gpd)	Comments
										Bench	Invert				
5	656	6 Island Hill Rd.	9'8"	Pre cast		X		X							Cracked pavement surrounding manhole.
5	657	4 Island Hill Rd.	9'11"	Pre cast		X									Cracked pavement surrounding manhole.
6	658	6 Island Hill Rd.	5'	Pre cast		X									Cracked pavement surrounding.
6	664	15 South St.	7'2"	Pre cast						X					Off-road location. Surcharges when the pump station is on.
6	665	10 South St.	2'5"	Block	X			X							Off-road location. Surcharges when pump station is on. Downstream distance estimated.
1	102A	53 Main St.	7'3"	Block	X	X			X						Cracked/missing pavement surrounding manhole.
6	123B	613 Main St.	7'10"	Pre cast					X						
6	126A	599 Main St.	2'3"	Pre cast			X								Cracked pavement surrounding manhole.
6	127A	593 Main St.	7'7"	Pre cast		X									Off-road location. Distance estimated, manhole 126 not found.
3	129A	549 Main St.	9'4"	Pre cast			X		X				X		Off-road location.
3	129B	12 New St.	3'5"	Brick	X				X						Off-road location.
4	12A	29 Grove St.	11'9"	Brick											Off-road location.
4	12D	520 Main St. Near brook	6'6"	Brick	X	X			X						Off-road location.
3	131A	7 New St.	5'3"	Pre cast	X	X									Off-road location.
3	131B	7 New St.	5'1"	Pre cast											Off-road location.
3	131C	11 New St.	5'1"	Pre cast											Off-road location.
3	133A	25 Gilbert St.	7'8"	Pre cast											Off-road location.
3	133B	25 Gilbert St.	7'3"	Pre cast				X							Cracked pavement surrounding manhole.
3	133C	25 Gilbert Ave	8'8"	Pre cast	X	X			X				X		Off-road location. 2" adjustment.
3	133C.1	25 Gilbert St. Unit F7	4'8"	Block											Off-road location.
3	133D	25 Gilbert St.	7'9"	Pre cast									X		Off-road location.
2	133E	25 Gilbert St. Unit E8	6'3"	Pre cast		X							X		Off-road location.
2	133F	25 Gilbert St. Unit D2	5'6"	Pre cast											Off-road location. 2" adjustment.
3	136B	26 Abbott Ave.	6'9"	Brick		X			X						Cracked pavement surrounding manhole.

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/Debris Buildup	Defective Chimney	Loose/Misaligned F & C	Defective F & C	Evidence/Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. Inlet (gpd)	Comments
										Bench	Invert				
3	136C	12 Abbott Ave.	8'1"	Block						X					Footage taken down to manhole 136A. Cracked pavement surrounding manhole. 1" adjustment.
3	137A	29 Abbott Ave	6'	Brick						X					
3	137B	36 Catoonah St. Unit 11	4'9"	Pre cast		X				X	X		X		Off-road location.
2	137C	36 Catoonah St. Unit 7	4'4"	Pre cast		X									Cracked pavement surrounding manhole.
2	137C.1	36 Catoonah St. Unit 6	5'7"	Pre cast		X									Cracked pavement surrounding manhole. PVC sewer line not broken out.
4	13B	13 Sunset Ln.	9'4"	Pre cast	X				X						Off-road location.
4	13C	25 Sunset Ln.	5'1"	Pre cast		X	X								Off-road location.
3	147A	21 Ramapoc St.	4'2"	Brick	X	X				X			X		Off-road location.
3	149B	12 Barry Ave.	4'5"	Pre cast			X						X		Off-road location.
3	149C	14 Mulvaney Ct.	6'1"	Pre cast		X									Cracked pavement surrounding manhole.
3	152A	6 Barry Ave.	7'7"	Brick	X	X		X	X						
3	157A	53 Barry Ave.	5'11"	Brick	X	X			X						
3	157T	46 Barry Ave.	3'11"	Pre cast									X		2" adjustment.
3	157T.1	52 Barry Ave.	3'8"	Pre cast			X						X		Off-road location.
3	163A	15 Bryons Ave.	5'5"	Pre cast	X	X						X	X		Off-road location.
3	165A	533 Main St.	9'7"	Pre cast									X		Off-road location.
2	173A	353 Main St.	4'	Brick & perged					X				X		Cracked pavement surrounding manhole. 1.5" adjustment.
2	173A.1	27 Catoonah St.	8'2"	Brick		X									Two 1" adjustments and one 2" adjustment.
2	177A	45 Catoonah St.	5'	Brick		X							X		Cracked pavement surrounding manhole. Appears to be a frame on top of a frame.
2	179A	162 High Ridge Ave.	3'10"	Brick	X	X									2" adjustment. Adjustment is worn.
2	180A	123 High Ridge Ave.	3'1"	Block	X								X		Off-road location.
2	180B	115 High Ridge Ave.	3'8"	Block		X	X						X		Off-road location.
2	184A	111 High Ridge Ave.	5'3"	Brick		X				X	X		X		Cracked/missing pavement surrounding manhole. 1.5" adjustment. Footage taken to manhole 180.
2	185A	323 Main St.	4'11"	Block				X					X		Off-road location. Found manhole with cover off on ground.

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/Debris Buildup	Defective Chimney	Loose/Misaligned F & C	Defective F & C	Evidence/Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. Inflow (gpd)	Comments
										Bench	Invert				
2	188A	12 Jackson Ct.	5'4"	Block		X				X					Off-road location.
4	18C	Prospect street	7'7"	Pre cast	X				X						
4	18D	67 Prospect St.	5'2"	Pre cast	X	X									Cracked pavement surrounding manhole.
4	19A	19 Prospect Ridge Unit 52 Side	7'5"	Pre cast		X									Off-road location.
4	19B	19 Prospect Ridge Unit 49 Rear	5'10"	Pre cast	X								X		Off-road location. Cover was 3/4 buried in grass.
4	19C	17 Halpin Ln. In parking lot.	14'10"	Pre cast						X	X				Off-road location.
4	19D	Ridgefield Housing Authority on Halpin Ln.	5'1"	Pre cast											Off-road location.
2	202B	207 Main St.	6'	Parged	X										Off-road location. Footage taken to next manhole (202).
2	205A	127 Main St.	6'1"	Brick & parged	X	X					X				Off-road location.
2	206A	30 Griffith Ln	8'1"	Block											Off-road location.
4	20B	120 Prospect St. Unit 12	7'2"	Pre cast		X									
4	20C	120 Prospect St. Unit 18	5'9"	Pre cast		X									1.5" adjustment.
4	20E	120 Prospect St. Unit 65	5'	Brick & block	X	X									Cracked pavement surrounding manhole. 1.5" adjustment.
4	20F.1	19 Prospect Ridge unit 24 rear	8'8"	Pre cast											Off-road location. Cannot locate manhole 20E.1.
4	20G	120 Prospect St. Unit 31 rear	7'4"	Pre cast		X			X	X	X		X		Off-road location. 1.5" adjustment.
4	20H.1	19 Prospect Ridge unit 14	5'11"	Pre cast			X								Off-road location.
4	20K	120 Prospect St. Unit 46 rear	7'6"	Pre cast	X	X			X				X		Off-road location.
6	400E	Easement off Old Quarry Rd.	6'4"	Pre cast											Off-road location.
4	400E.1	36 Old Quarry Rd.	6'9"	Block											Off-road location.
4	400F	36 Old Quarry Rd.	6'4"	Pre cast											Off-road location.
4	400F.1	36 Old Quarry Rd.	4'8"	Pre cast	X					X					Cracked pavement surrounding manhole.
4	400F.2	36 Old Quarry Rd.	6'2"	Pre cast											Off-road location.
4	400F.4	36 Old Quarry Rd.	11'1"	Pre cast		X									Cracked pavement surrounding manhole.
4	40D	390 Main St. Rear	4'8"	Brick		X	X								

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/ Debris Buildup	Defective Chimney	Loose/ Misaligned F & C	Defective F & C	Evidence/ Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. In (gpd)	Comments
										Bench	Invert				
4	43A	8 Governor St.	5'2"	Brick			X								1" adjustment. Cracked pavement surrounding manhole.
4	49A	41 Governor St.	5'6"	Pre cast		X	X								Off-road location.
6	5B	66 Grove St. Unit 4	8'8"	Pre cast											Off-road location. 1.5" adjustment.
6	5B.1	66 Grove St. Unit 7	6'4"	Pre cast											Off-road location.
5	615A.1	Copps Hill Rd. Inside pump station	19'8"	Pre cast		X	X								Off-road location.
5	621A	Danbury Rd./Farmingville Rd. In sidewalk	12'11"	Pre cast		X							X		
5	621B	150 Danbury Rd.	5'10"	Pre cast											Missing mortar, rebar showing. Lift holes missing mortar.
5	621D	162 Danbury Rd.	1'9"	Pre cast	X								X		
5	629A	90 Danbury Rd.	5'	Pre cast		X									
5	651A	125 Danbury Rd. Behind Kohls	4'10"	Pre cast		X									
6	665A	10 South St.	5'4"	Block			X			X					Off-road location.
6	665B.1	10 South St.	5'8"	Block		X		X							Cover marked WTN.
6	665C	South Street	4'2"	Block		X									Off-road location. In grass next to 10 South Street.
6	665D	52 Danbury Rd.	2'3"	Block				X				X			
6	665E	52 Danbury Rd.	2'9"	N/a									X		
6	8A	5 Keeler Close	5'6"	Brick		X									1.5" adjustment. Cracked pavement surrounding manhole.
4	8B	520 Main St. Near Brook	7'1"	Pre cast											Off-road location.
6	8C	7-10 Cooks Close	4'	Pre cast	X		X						X		Off-road location.
6	8D	7-10 Cook Close	6'8"	Pre cast											Off-road location.
6	8E	12-15 Carpenter Close	5'6"	Pre cast											Off-road location.
4	9E	520 Main St.	7'11"	Pre cast		X							X		Cracked pavement surrounding manhole.
4	9F	520 Main St. Unit 1	7'1"	Pre cast	X	X	X					X			
3	AH1	25 Arrowhead Pl.	4'7"	Pre cast	X	X									Cracked pavement surrounding manhole.
3	AH3	30 Arrowhead Pl.	6'2"	Pre cast		X									

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/Debris Buildup	Defective Chimney	Loose/Misaligned F & C	Defective F & C	Evidence/Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. Infiltration (gpd)	Comments
										Bench	Invert				
3	AH4	25 Arrowhead Pl.	9'2"	Pre cast		X									Off-road location.
3	AH5	25 Arrowhead Pl.	14'8"	Pre cast			X								Off-road location.
5	C	125 Danbury Rd. Front left of Rite Aid	4'5"	Pre cast			X								
6	C10	58-61 Olcott Way	10'9"	Pre cast					X	X			X		
6	C11	83-86 Olcott Way	7'8"	Pre cast	X					X	X		X		Off-road location.
6	C12	83-86 Olcott Way	5'4"	Pre cast	X								X		
6	C13	13-16 Olcott Way	6'5"	Pre cast		X			X				X	144	
6	C2	81-84 Lawson Ln. Across street	3'5"	Pre cast	X		X						X		
6	C3	77-80 Lawson Ln.	6'7"	Pre cast									X		
6	C4	23 Lawson Ln.	1'2"	Pre cast					X				X	288	Cracked pavement surrounding manhole. Cover is marked drain.
6	C5	45-48 Lawson Ln.	8'5"	Pre cast	X	X			X				X		Cracked pavement surrounding manhole.
6	C6	41-44 Lawson Ln. Back	8'8"	Pre cast	X	X			X				X		Off-road location.
6	C7	30-33 Olcott Way	8'8"	Pre cast	X				X				X		Off-road location.
6	C8	38-41 Olcott Way	11'4"	Pre cast		X			X				X		Off-road location.
6	C9	50-53 Olcott Way	10'9"	Pre cast			X		X				X	144	
5	D	125 Danbury Rd. Left rear of Rite Aid	5'4"	Pre cast		X		X					X		
5	E	125 Danbury Rd. In front of Jersey Mike's	4'8"	Pre cast									X		Cracked pavement surrounding manhole.
5	F	125 Danbury Rd. In front of RadioShack	6'1"	Pre cast				X							
3	FH1	6 Farm Hill Rd.		Pre cast		X									1.5" adjustment.
3	FH2.1	22 Farm Hill Rd.	9'7"	Pre cast		X									1.5" adjustment.
3	FH4.1	26 Farm Hill Rd.	13'8"	Pre cast											1.5 and 2" adjustment.
5	FX1	Fox Hill Dr.	3'6"	Brick		X									
5	FX13	Fox Hill Dr.	10'9"	Pre cast	X				X				X		
5	FX14	Fox Hill Dr.	8'10"	Pre cast					X				X		

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/Debris Buildup	Defective Chimney	Loose/Misaligned F & C	Defective F & C	Evidence/Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. Inflow (gpd)	Comments
										Bench	Invert				
5	FX14.1	Fox Hill Dr.	6'2"	Pre cast		X							X		Cracked pavement surrounding manhole.
5	FX16	Fox Hill Dr.	7'2"	Pre cast					X				X		
5	FX18	Fox Hill Dr. Front of pump station	8'6"	Pre cast					X						Bolt down cover, no bolts present.
5	FX2	Fox Hill Dr.	9'9"	Pre cast		X			X						Cracked pavement surrounding manhole.
5	FX3	Fox Hill Dr.	9'3"	Pre cast		X			X						
5	FX5	Fox Hill Dr./Stone Dr.	11'3"	Pre cast	X				X	X	X				Cracked pavement surrounding manhole.
5	FX6	Stone Dr.	5'8"	Pre cast		X									
5	FX8	Stone Dr.	11'11"	Pre cast		X				X					
5	FX8.1	Stone Dr.	12'11"	Pre cast			X		X						
5	H	125 Danbury St. Left front of Kohls	10'8"	Pre cast		X									
2	J1	12 Jackson Ct.	9'1"	Block		X			X						Cracked pavement surrounding manhole.
2	J2	1 Jackson Ct.	8'10"	Block	X	X			X						Cracked pavement surrounding manhole.
5	K	103 Danbury Rd. In front of Bartolo	7'3"	Pre cast		X			X						Cannot locate MH J estimated footage.
3	K1	11 Kellogg St.	12'4"	Pre cast									X		1.5" adjustment.
5	L	105 Danbury Rd.	4'6"	Pre cast					X						
5	M	99 Danbury Rd. Back left	9'3"	Pre cast		X									
3	M1	2 Mulberry St.	6'1"	Pre cast									X		Cracked/missing pavement surrounding manhole.
3	M2	20 Mulberry Street	7'6"	Pre cast			X						X		Cracked pavement surrounding manhole. Cover does not fit frame. Need new cover and frame.
3	M2A	24 Mulbury St.	12'8"	Pre cast	X										Off-road location.
3	M3	Millstone Ct. N of pump station	8'5"	Pre cast			X	X							Cracked pavement surrounding manhole.
6	N	75 Danbury Rd.	10'10"	Pre cast		X			X						
3	N1	2 Nutmeg Ct.	10'4"	Pre cast		X									2" adjustment and 1.5" adjustment.
3	N2	8 Nutmeg Ct.	7'3"	Pre cast											1.5" adjustment.
3	N4	28 Nutmeg Ct.	7'4"	Pre cast									X		1.5" adjustment and 2" adjustment. Pre cast ring at 9' 5".

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/Debris Buildup	Defective Chimney	Loose/Misaligned F & C	Defective F & C	Evidence/Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. Inflow (gpd)	Comments
										Bench	Invert				
3	N5	22 Nutmeg Ct.	7'8"	Pre cast		X									Two 1.5" adjustments and one 2" adjustment.
3	O11	45 Overlook Dr.	8'	Pre cast		X		X					X		1.5" adjustment and 2" adjustment.
3	O12A	49 Overlook Dr.	9'3"	Pre cast	X	X									
3	O14	61 overlook Dr.	9'	Pre cast	X		X								1.5" and 2" adjustment.
3	O17	66 Overlook Dr.	7'9"	Pre cast											1.5" adjustment.
3	O18	76 Overlook Dr.	25'10"	Pre cast									X		Two 1.5" adjustments and one 2" adjustment. Pre cast ring at 13'.
3	O4	9 Overlook Dr.	7'9"	Pre cast			X								
3	O7	20 Overlook Dr.	11'9"	Pre cast				X							1.5" adjustment and 2" adjustment.
5	PL1003A	125 Danbury Rd. Behind Stop&Shop	12'8"	Pre cast											Off-road location.
5	PL1003B	11 Lafayette Ave.	5'4"	Pre cast											Off-road location.
5	PL1003C	3 Lafayette Ave.	6'3"	Pre cast	X										Off-road location.
3	R3	70 Ramapoo Rd.	6'2"	Pre cast			X								1.5" adjustment.
3	R1	Ramapoo Rd./Overlook Dr.	14'1"	Pre cast									X		1.5" adjustment.
3	R13	21 Ramapoo Rd.	8'2"	Pre cast									X		1.5" adjustment.
3	R14	4 Ramapoo Rd.	6'1"	Pre cast									X		1.5" adjustment.
3	R2	72 Ramapoo Rd.	9'	Pre cast			X								1.5" adjustment.
3	R22	130 Ramapoo Rd.	8'3"	Pre cast	X	X									
3	R25	116 Ramapoo Rd.	7'9"	Pre cast											Missing mortar, rebar showing.
3	R26	Ramapoo Rd./Kellogg St.	8'	Pre cast					X				X		1.5" adjustment.
3	R26.1	110 Ramapoo Rd.	9'8"	Pre cast		X									Cracked pavement surrounding manhole.
3	R27	Ramapoo Rd./Victor Dr.	8'8"	Pre cast	X								X		1.5" adjustment.
3	R4	Ramapoo Rd./Millstone Ct.	8'	Pre cast									X		1.5" adjustment.
3	R8	47 Ramapoo Rd.	8'7"	Pre cast									X		
3	R8.1	40 Ramapoo Rd.	9'7"	Pre cast			X						X		Cover seems small for frame.

TABLE 1. MANHOLE DEFECTS

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Sediment/ Debris Buildup	Defective Chimney	Loose/ Misaligned F & C	Defective F & C	Evidence/ Leaking Walls	Deteriorated		Missing Bench	Deteriorated Connection to Manhole	Est. III (gpd)	Comments
										Bench	Invert				
5	RC3	193 Danbury Rd.	7'2"	Pre cast									X		Cracked/missing pavement surrounding manhole.
5	RC4	193 Danbury Rd.	10'	Pre cast											Cracked pavement surrounding manhole.
3	RH3	12 Ramapoo Hill Rd.	10'10"	Pre cast		X									Cracked pavement surrounding manhole.
3	RH4	19 Ramapoo Hill Rd.	5'6"	Pre cast			X						X		Cracked pavement surrounding manhole.
6	S1	South St./Danbury Rd.	8'	Pre cast	X										Distance to next manhole measured to manhole 401'. Two 2" adjustments. Cracked pavement surrounding manhole.
4	SS2	63 Sunset Ln.	4'8"	Pre cast	X	X						X	X		Off-road location.
4	SS2.1	73 Sunset Ln.	6'10"	Pre cast	X							X	X		Off-road location.
4	SS3	77 Sunset Ln.	7'5"	Pre cast		X									Off-road location.
4	SS3.1	Sunset Ln.	8'7"	Pre cast	X	X				X			X		Off-road location.
4	SS6	1 Prospect St.	4'9"	Pre cast									X		Covered by 5" of mulch.
4	SS6.1	1 Prospect St.	7'	Pre cast						X					
4	SS6.2	19 Prospect Ridge unit 27 rear	4'6"	Pre cast						X					Estimated 140' to possible T connection between SS6.1 and 20D.1.
3	V1	5 Victor Dr.	16'7"	Pre cast					X						
3	V2	7 Victor Dr.	17'3"	Pre cast		X									Cracked pavement surrounding manhole.

TABLE 3. MANHOLES NOT INSPECTED

Sewer Subarea	MH No.	Location	Reason
4	8	520 Main St. Near brook	Not Found
4	16	East Ridge/Prospect St.	Not Opened/Paved over
4	20.2	66 Prospect St.	Not Found
4	43	8 Governor St.	Not Found
1	56	Veterans Park Field	Not Found
1	57	Veterans Park Field	Not Found
1	66	14 Market St.	Not Found
1	82	24 Branchville Rd.	Not Found
1	105	99 Main St.	Not Found
1	106	10 West Ln.	Not Found
1	108	29 West Ln.	Not Found
6	125	Main St./Pound St.	Not Found
6	126	599 Main St.	Not Found
6	128	533 Main St.	Not Found
3	134.1	32 Gilbert St.	Not Opened/Paved over
3	140	223 High Ridge Ave.	Not Found
3	143	173 High Ridge Ave.	Not Found
3	144	21 Ramapoo St	Not Found
3	158	20 Fairview Ave.	Not Found
3	162	15 Fairview Ave.	Not Found
2	184	South of 106 High Ridge Ave.	Not Found
2	186	305B Main St.	Not Found
2	198	63 High Ridge Ave.	Not Found
2	200	59 High Ridge Ave.	Not Found
2	201	56 Shadow Ln.	Not Found
6	400.1	Back side of Waste Water Treatment Plant	Not Found
6	402	South St.	Not Found
5	611	Rochambeau Ave./Copps Hill Rd.	Not Opened/Paved over
5	616	Copps Hill Rd.	Not Found
5	645	Mountain View Ave.	Not Found
6	651	125 Danbury Rd.	Not Found
6	662	65 Danbury Rd.	Not Found
6	663	South St.	Not Found
3	136D	8 Abbott Ave	Not Found
3	138A	29 Abbott Ave.	Not Found
2	138B	52 Catoonah St.	Not Found
3	141A	201 High Ridge Ave.	Not Found
3	149A	15 Mulvaney Ct.	Not Found
3	153A	14 Barry Ave.	Not Found
3	156S	33 Barry Ave.	Not Found
3	157S	Barry Ave/Fairview Ave.	Not Found
4	16S	Prospect St./East Ridge	Not Found
2	180D	113 High Ridge Ave.	Not Found
2	184B	112 High Ridge Ave.	Not Found
2	185S	36 Griffith Ln.	Not Found
4	19E	Ridgefield Housing Authority on Halpin Ln.	Not Found
2	202A	207 Main St.	Not Found
2	204A	155 Main St.	Not Found
4	20D	120 Prospect St. Unit 25	Not Found

TABLE 3. MANHOLES NOT INSPECTED

Sewer Subarea	MH No.	Location	Reason
4	20D.1	19 Prospect Ridge unit 25	Not Found
4	20E.1	19 Prospect Ridge unit 26	Not Found
4	20G.1	19 Prospect Ridge unit 18 rear	Not Found
4	20H	120 Prospect St. Units 41-32 Rear	Not Found
4	20I	120 Prospect St. Units 41-32 Rear	Not Found
4	20I.1	19 Prospect Ridge unit 6	Not Found
4	20J	120 Prospect St. Units 41-32 rear	Not Found
4	20J.1	19 Prospect Ridge unit 4	Not Found
6	400D	Behind Waste Water Treatment Plant	Not Found
4	40A	Bailey Ave./Main St.	Not Found
1	57A	Veterans Park Field	Not Found
6	5A	66 Grove St. Unit 1	Not Opened/Cannot open
5	621E	Danbury Rd/Farmingville Rd.	Not Found
1	66A	Market St.near Main st.	Not Found
1	71A	East Ridge Middle School	Not Found
1	74A	Between 62 and 74 Prospect Ridge	Not Found
1	92A	2 Main St.	Not Found
1	95A	398 Main St.	Not Found
3	AH6	40 Ramapoo Rd.	Not Found
5	FX 7	Stone Dr.	Not Found
5	FX10	Stone Dr.	Not Found
5	FX10A	Stone Dr.	Not Found
5	FX15	Fox Hill Dr.	Not Found
5	FX9	Stone Dr.	Not Found
5	J	103 Danbury Rd.	Not Found
3	M1B	1 Mulberry St.	Not Opened
3	M6	Mulberry St./Ramapoo Rd.	Not Opened
3	N6	23 Nutmeg Ct.	Not Found
3	N7	13 Farm Hill Rd.	Not Found
3	O8	20 Overlook Dr.	Not Found
5	PL1003	125 Danbury Rd. Behind Stop&Shop	Not Found
5	PL1003D	13 Lafayette	Not Found
3	R20C	130 Ramapoo Rd.	Not Found
3	R20D	126 Ramapoo Rd.	Not Found
3	R20E	116 Ramapoo Rd.	Not Found
5	RC2	193 Danbury Rd.	Not Opened/Cannot open
4	SS5	Sunset Ln/Prospect St.	Not Found
3	V3A	17 Victor Dr.	Not Found
3	V3B	70 Ramapoo Rd.	Not Found

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
6	1	Back of Wastewater Treatment Plant	311"	Pre cast							X						
6	1.1	Back of Wastewater Treatment Plant	5'	Pre cast		X		X			X	X	X				
6	2	Back of Wastewater Treatment Plant	65"	Unknown						X	X						
6	3	66 Grove St.	6'	Brick		X		X			X						
6	4	66 Grove St.	36"	Brick	X	X		X				X	X	X			
6	5	66 Grove St. Unit	28"	Brick	X	X		X			X	X	X				
6	6	66 Grove St	88"	Brick	X	X		X				X	X				
6	7	7-10 Keeler Close	48"	Brick		X		X									
4	9	520 Main St. Near brook	59"	Brick			X	X				X	X				
4	13	Grove St.	7'	Brick	X							X	X		X		
4	14	43 Grove St.	37"	Brick		X		X									
4	15	Grove St./ Prospect St.	78"	Brick		X		X						X			
4	18	63 Prospect St.	77"	Brick	X	X		X				X	X				
4	19	109 East Ridge	510"	Brick		X		X									X
4	20	East Ridge	44"	Brick		X		X						X			
4	20.1	66 Prospect St.	52"	Pre cast						X	X			X		X	
4	20.3	66 Prospect, behind gymnasium	310"	Pre cast							X						
4	21	520 Main St. Near brook	41"	Brick	X		X					X	X	X			
4	21.1	520 Main St. Unit 7 rear	12'	Pre cast		X		X									
4	22	500 Main St.	83"	Parged			X				X						X
4	22.1	500 Main St.	4'	Pre cast			X		X		X						
4	22.2	500 Main St	61"	Pre cast			X		X		X						
4	24	25 Prospect St.	97"	Brick			X		X			X	X				
4	25	Bailey Ave./Prospect St.	511"	Brick		X		X				X	X				

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
4	30	Bailey Ave. at utility pole 564-8	79"	Brick				X				X	X				
4	31	38 Bailey Ave.	65"	Brick										X			
4	33	470 Main St. Rear	81"	Pre cast		X		X									
4	36	31 Bailey Ave.	56"	Brick		X		X									X
4	38	27 Bailey Ave.	33"	Brick		X		X									X
4	39	18 Bailey Ave.	711"	Brick		X		X						X			
4	40	3 Bailey Ave.	64"	Brick		X		X									
4	41	18 Bailey Ave. Rear	93"	Block								X	X				
4	42	Governor St. Merchants Plaza	79"	Brick		X		X									
4	44	Governor St.	76"	Brick		X		X									
4	45	Governor St.	75"	Brick	X	X		X				X	X				
4	46	30 Prospect St.	81"	Block													X
4	47	32 Prospect St.	9'	Brick		X	X	X	X		X	X	X				
4	48	41 Governor St.	39"	Brick	X	X	X	X	X		X	X	X				
4	49	41 Governor St.	12.0	Pre cast		X		X									
4	50	41 Governor St. At Entrance	93"	Pre cast				X									
1	71.2	54 Branchville Rd.	36"	Pre cast												X	X
1	71.4	63 Rockwell Rd.	36"	Pre cast				X									
1	71.6	61 Rockwell Rd.	34"	Pre cast												X	X
1	83	200 Main St.	104"	Brick	X	X		X			X	X	X				
1	88	94 Main St.	95"	Brick										X			
1	110	West Ln./High Ridge Ave.	86"	Brick	X	X		X				X	X				
6	116	80 Grove St.	83"	Brick		X		X			X						
6	116.1	22-25 Olcott Way	9'	Pre cast	X	X		X				X					

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
6	117	90 Grove St.	6'6"	Brick	X							X	X				
6	119	Grove St.	7'11"	Brick	X	X		X				X	X				
6	120	Grove St./Danbury Rd.	8'4"	Brick		X		X									X
6	121	14-24 Danbury Rd.	8'7"	Brick		X		X				X	X				
5	124	18 N Salem Rd.	3'6"	Brick	X	X		X				X	X	X	X		
6	127	593 Main St.	6'8"	Brick		X		X									
6	129	549 Main St.	10'2"	Pre cast							X	X					
6	130	8 New St.	6'4"	Brick	X	X		X			X	X	X				
3	131	11 New St.	10'4"	Pre cast							X						
3	132	40 Gilbert St.	2'9"	Brick	X	X		X			X	X	X				
3	133	28 Gilbert St.	7'1"	Pre cast		X		X									X
3	134	46 Gilbert St.	6'5"	Brick	X							X	X				
3	134.2	28 Gilbert St.	9'1"	Brick		X		X									X
3	135	48 Gilbert St.	8'4"	Brick				X				X	X				
3	136	28 Abbott Ave.	5'2"	Pre cast		X		X						X	X		
3	137	29 Abbott Ave.	11'11"	Pre cast													X
3	138	31 Abbott Ave.	4'5"	Brick	X	X		X				X	X				
3	139	Ramapoo Rd./Gilbert St	7'3"	Brick		X		X									
3	139.1	2 Ramapoo Rd.	3'10"	Pre cast													X
3	142	188 High Ridge Ave.	6'9"	Brick	X	X		X									
3	145	21 Ramapoo St.	8'4"	Pre cast	X							X					
3	147	213 High Ridge Ave. Unit 2	6'7"	Pre cast	X						X						X
3	149	16 Mulvaney act.	4'9"	Pre cast		X		X			X						
3	149.1	16 Mulvaney Ct.	5'3"	Pre cast							X						

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
3	149.2	16 Mulvaney Ct.	65"	Pre cast		X		X			X						
3	152	10 Barry Ave.	611"	Brick		X				X							
3	153	14 Barry Ave.	99"	Pre cast	X	X				X		X					
3	154	20 Barry Ave.	71"	Brick	X	X		X				X	X				
3	155	Greenfield st. @ Barry Ave.	49"	Brick	X	X		X				X	X				
3	156	42 Barry Ave.	84"	Pre cast							X						
3	157	44 Barry Ave.	117"	Pre cast		X		X			X						
3	159	14 Greenfield Ave.	64"	Brick	X	X		X				X	X				
3	160	Bryon Ave./Greenfield Ave.	87"	Poured in place		X		X									
3	161	43 Bryon Ave.	69"	Brick	X	X		X				X	X				
3	163	20 Bryon Ave.	62"	Pre cast				X									X
3	163.1	20 Bryon Ave.	65"	Brick	X	X		X				X	X				
3	164	6 Bryon Ave.	51"	Brick	X	X		X				X	X				
3	165	533 Main St.	76"	Pre cast	X						X	X					
3	166	509 Main St.	67"	Brick							X	X	X				
2	167	Gilbert St. In sidewalk.	59"	Brick		X		X									
2	170	451 Main St.	111"	Pre cast		X		X									
2	172	6 Caloonah St.	48"	Brick	X	X		X				X	X				
2	173	19 Caloonah St.	79"	Brick		X				X							
2	175	33 Caloonah St.	76"	Pre cast											X		
2	176	36 Caloonah St.	48"	Brick				X									X
2	176.1	42 Caloonah St.	59"	Pre cast				X									X
2	179	153 High Ridge Ave	31"	Brick		X		X									
2	180	High Ridge Ave./Griffith Ln.	72"	Brick	X	X		X				X	X			X	

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
2	185	351 Main St.	6'1"	Brick & parged	X	X		X			X	X	X				
2	187	283 Main Street	7'9"	Brick							X						
2	188	283 Main St.	6'9"	Brick		X		X			X	X	X				
2	189	21 King Ln.	8'9"	Parged								X	X		X		
2	191	44 King Ln.	4'4"	Brick		X		X									
2	194	2 Peaceable St.	7'6"	Brick				X									
2	196	87 High Ridge Ave.	4'11"	Brick				X			X						
2	197	63 High Ridge Ave.	5'	Brick	X	X		X			X	X	X				
2	199	59 High Ridge Ave.	2'7"	Brick							X						
2	202	21 King Ln.	1'6"	Parged & brick		X		X			X						
2	203	181 Main St.		Parged		X		X			X	X	X				
2	204	181 Main St.	3'6"	Parged							X						
2	205	149 Main St.	7'10"	Parged							X						
2	206	30 Griffith Ln.	8'10"	Block		X		X									
2	208	8 Griffith Ln.	6'10"	Brick		X		X			X						
6	400	Back side of Wastewater Treatment Plant	3'10"	Pre cast	X						X	X	X				
6	401	15 South St.	10'1"	Pre cast	X	X		X			X	X	X	X			
5	601	4 North St	5'6"	Pre cast													X
5	605	34 North St.	10'7"	Pre cast				X									
5	617	Copps Hill Road	11'3"	Precast	X						X	X					
5	618	63 Copps Hill Rd.	22'1"	Pre cast		X		X									
5	619	143 Danbury Rd.	6'	Pre cast		X		X									X
5	621	Farmingville Rd./Danbury Rd.	13'6"	Pre cast	X			X				X					
5	623	108 Danbury Rd.	4'7"	Pre cast		X		X									

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
5	624	100 Danbury Rd.	10'4"	Pre cast		X		X									X
5	625	100 Danbury Rd.	9'7"	Pre cast		X		X									
5	626	92 Danbury Rd.	9'4"	Pre cast		X		X									
5	628.1	98 Danbury Rd.	10'1"	Pre cast	X	X		X									X
5	628.2	96 Danbury Rd.	4'6"	Pre cast		X		X									
5	629	90 Danbury Rd.	9'9"	Pre cast		X		X									
5	630	10 Roberts Ln.	8'4"	Pre cast		X		X				X					
5	633	26 Roberts Ln.	8'4"	Pre cast		X		X									
5	634	32 North St.	9'3"	Pre cast		X		X									
5	636	24 North St.	7'7"	Pre cast		X		X									
5	637	18 Rochambeau Ave.	5'9"	Pre cast													X
5	641	12 Lafayette Ave.	7'6"	Pre cast						X							
5	643	24 Rochambeau Ave.	4'8"	Pre cast		X		X									
5	644	30 Rochambeau Ave.	4'1"	Pre cast				X									
5	646	27 Mountain View Ave.	9'3"	Pre cast		X		X									
5	647	11 Mountain View Ave.	8'5"	Pre cast		X				X							
5	648	2 Mountain View Ave.	8'7"	Pre cast		X		X									
5	649	8 Washington St.	12'2"	Pre cast		X	X	X	X		X						
5	650	19 Lafayette Ave.	10'8"	Pre cast			X	X	X		X						
6	650	55 Danbury Rd.	8'3"	Pre cast	X												
5	654	3 Hillisdale Ave.	5'3"	Pre cast						X							
5	655	12 Island Hill Rd.	10'5"	Pre cast		X				X							
5	656	6 Island Hill Rd.	9'8"	Pre cast		X				X							
5	657	4 Island Hill Rd.	9'11"	Pre cast		X		X									

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
6	658	6 Island Hill Rd.	5'	Pre cast		X		X									
6	664	15 South St.	72"	Pre cast							X			X			
6	665	10 South St.	25"	Block	X		X		X	X	X	X	X				
1	102A	53 Main St.	73"	Block	X	X		X				X	X				
6	123B	613 Main St.	710"	Pre cast								X					
6	126A	599 Main St.	23"	Pre cast				X									
6	127A	593 Main St.	77"	Pre cast		X		X			X						
3	129A	549 Main St.	94"	Pre cast				X			X	X					
3	129B	12 New St.	35"	Brick	X						X	X	X				
4	12A	29 Grove St.	119"	Brick							X						
4	12D	520 Main St. Near brook	68"	Brick	X	X		X			X	X	X				
3	131A	7 New St.	53"	Pre cast	X	X		X			X	X					
3	131B	7 New St.	51"	Pre cast							X						
3	131C	11 New St.	51"	Pre cast							X						
3	133A	25 Gilbert St.	78"	Pre cast				X			X						
3	133B	25 Gilbert St.	73"	Pre cast						X							
3	133C	25 Gilbert Ave	88"	Pre cast	X	X		X			X	X	X				
3	133C.1	25 Gilbert St. Unit F7	48"	Block							X						
3	133D	25 Gilbert St.	79"	Pre cast							X						X
2	133E	25 Gilbert St. Unit E8	63"	Pre cast		X		X			X						X
2	133F	25 Gilbert St. Unit D2	56"	Pre cast							X						
3	136B	26 Abbott Ave.	69"	Brick		X		X				X	X				
3	136C	12 Abbott Ave.	81"	Block										X			
3	137A	29 Abbott Ave	6'	Brick										X			

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
3	137B	36 Catoonah St. Unit 11	43"	Pre cast		X		X			X			X	X		X
2	137C	36 Catoonah St. Unit 7	44"	Pre cast		X		X									
2	137C.1	36 Catoonah St. Unit 6	57"	Pre cast		X		X									
4	13B	13 Sunset Ln.	94"	Pre cast	X						X	X	X				
4	13C	25 Sunset Ln.	51"	Pre cast		X		X			X						
3	147A	21 Ramapoo St.	42"	Brick	X	X		X			X	X	X	X			
3	149B	12 Barry Ave.	45"	Pre cast				X			X						X
3	149C	14 Mulvaney Ct.	61"	Pre cast		X		X									
3	152A	6 Barry Ave.	77"	Brick	X	X				X		X	X				
3	157A	53 Barry Ave.	511"	Brick	X	X		X				X	X				
3	157T	46 Barry Ave.	311"	Pre cast													X
3	157T.1	52 Barry Ave.	38"	Pre cast				X			X						X
3	163A	15 Bryons Ave.	55"	Pre cast	X	X		X			X					X	X
3	165A	533 Main St.	97"	Pre cast							X						X
2	173A	353 Main St.	4'	Brick & parged								X	X				
2	173A.1	27 Catoonah St.	82"	Brick		X		X									
2	177A	45 Catoonah St.	5'	Brick		X		X									X
2	179A	162 High Ridge Ave.	310"	Brick	X	X		X				X	X				
2	180A	123 High Ridge Ave.	31"	Block	X						X	X	X				
2	180B	115 High Ridge Ave.	38"	Block		X		X			X						X
2	184A	111 High Ridge Ave.	53"	Brick		X		X						X	X		X
2	185A	323 Main St.	411"	Block						X	X						X
2	188A	12 Jackson Ct.	54"	Block		X		X			X	X	X	X			
4	18C	Prospect street	77"	Pre cast	X							X					

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
4	18D	67 Prospect St.	5'2"	Pre cast	X	X		X									
4	19A	19 Prospect Ridge Unit 52 Side	7'5"	Pre cast		X		X			X						
4	19B	19 Prospect Ridge Unit 49 Rear	5'10"	Pre cast	X			X			X						X
4	19C	17 Halpin Ln. In parking lot.	14'10"	Pre cast							X					X	
4	19D	Ridgefield Housing Authority on Halpin Ln.	5'1"	Pre cast							X						
2	202B	207 Main St.	6'	Parged	X			X			X						
2	205A	127 Main St.	6'1"	Brick & parged	X	X		X			X	X	X		X		
2	206A	30 Griffith Ln	8'1"	Block							X						
4	20B	120 Prospect St. Unit 12	7'2"	Pre cast		X		X									
4	20C	120 Prospect St. Unit 18	5'9"	Pre cast		X		X									
4	20E	120 Prospect St. Unit 65	5'	Brick & block	X	X		X									
4	20F.1	19 Prospect Ridge unit 24 rear	8'8"	Pre cast							X						
4	20G	120 Prospect St. Unit 31 rear	7'4"	Pre cast		X		X			X	X		X	X		
4	20H.1	19 Prospect Ridge unit 14	5'11"	Pre cast				X			X						
4	20K	120 Prospect St. Unit 46 rear	7'6"	Pre cast	X	X		X			X	X					
6	400E	Easement off Old Quarry Rd.	6'4"	Pre cast							X						
4	400E.1	36 Old Quarry Rd.	6'9"	Block							X						
4	400F	36 Old Quarry Rd.	6'4"	Pre cast							X						
4	400F.1	36 Old Quarry Rd.	4'8"	Pre cast	X									X			
4	400F.2	36 Old Quarry Rd.	6'2"	Pre cast				X			X						
4	400F.4	36 Old Quarry Rd.	11'1"	Pre cast		X		X									
4	40D	390 Main St. Rear	4'8"	Brick		X		X									
4	43A	8 Governor St.	5'2"	Brick				X									
4	49A	41 Governor St.	5'6"	Pre cast		X		X			X						

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
6	5B	66 Grove St. Unit 4	8'8"	Pre cast							X						
6	5B.1	66 Grove St. Unit 7	6'4"	Pre cast							X						
5	615A.1	Copps Hill Rd. Inside pump station	19'8"	Pre cast		X		X			X						
5	621A	Danbury Rd./Farmingville Rd. In sidewalk	12'11"	Pre cast		X		X									X
5	621B	150 Danbury Rd.	5'10"	Pre cast									X				
5	621D	162 Danbury Rd.	1'9"	Pre cast	X							X					
5	629A	90 Danbury Rd.	5'	Pre cast		X		X									
5	651A	125 Danbury Rd. Behind Kohls	4'10"	Pre cast		X		X									
6	665A	10 South St.	5'4"	Block			X	X			X			X			
6	665B.1	10 South St.	5'8"	Block		X				X							
6	665C	South Street	4'2"	Block		X		X			X						
6	665D	52 Danbury Rd.	2'3"	Block						X						X	
6	665E	52 Danbury Rd.	2'9"	N/A													X
6	8A	5 Keeler Close	5'6"	Brick		X		X									
4	8B	520 Main St. Near Brook	7'1"	Pre cast			X		X		X						
6	8C	7-10 Cooks Close	4'	Pre cast	X		X	X	X		X	X					
6	8D	7-10 Cook Close	6'8"	Pre cast							X						
6	8E	12-15 Carpenter Close	5'6"	Pre cast							X						
4	9E	520 Main St.	7'11"	Pre cast		X		X									X
4	9F	520 Main St. Unit 1	7'1"	Pre cast	X	X		X								X	
3	AH1	25 Arrowhead Pl.	4'7"	Pre cast	X	X		X									
3	AH3	30 Arrowhead Pl.	6'2"	Pre cast		X		X									
3	AH4	25 Arrowhead Pl.	9'2"	Pre cast		X		X			X						
3	AH5	25 Arrowhead Pl.	14'8"	Pre cast				X			X						

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
5	C	125 Danbury Rd. Front left of Rite Aid	45"	Pre cast				X									
6	C10	58-61 Olcott Way	109"	Pre cast								X		X			
6	C11	83-86 Olcott Way	78"	Pre cast	X						X	X				X	
6	C12	83-86 Olcott Way	54"	Pre cast	X							X					
6	C13	13-16 Olcott Way	65"	Pre cast		X		X				X					
6	C2	81-84 Lawson Ln. Across street	35"	Pre cast	X			X									X
6	C3	77-80 Lawson Ln.	67"	Pre cast													X
6	C4	23 Lawson Ln.	12"	Pre cast								X					
6	C5	45-48 Lawson Ln.	85"	Pre cast	X	X		X				X					
6	C6	41-44 Lawson Ln. Back	88"	Pre cast	X	X		X			X	X					
6	C7	30-33 Olcott Way	88"	Pre cast	X						X	X					
6	C8	38-41 Olcott Way	114"	Pre cast		X		X			X	X					
6	C9	50-53 Olcott Way	109"	Pre cast				X				X					
5	D	125 Danbury Rd. Left rear of Rite Aid	54"	Pre cast		X				X							X
5	E	125 Danbury Rd. In front of Jersey Mike's	43"	Pre cast													X
5	F	125 Danbury Rd. In front of RadioShack	61"	Pre cast						X							
3	FH1	6 Farm Hill Rd.		Pre cast		X		X									
3	FH2.1	22 Farm Hill Rd.	97"	Pre cast		X		X									
3	FH4.1	26 Farm Hill Rd.	138"	Pre cast									X				
5	FX1	Fox Hill Dr.	36"	Brick		X		X									
5	FX13	Fox Hill Dr.	109"	Pre cast	X							X					
5	FX14	Fox Hill Dr.	810"	Pre cast								X					
5	FX14.1	Fox Hill Dr.	62"	Pre cast		X		X									X
5	FX16	Fox Hill Dr.	72"	Pre cast								X					

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
5	FX18	Fox Hill Dr. Front of pump station	8'6"	Pre cast								X					
5	FX2	Fox Hill Dr.	9'9"	Pre cast		X		X				X					
5	FX3	Fox Hill Dr.	9'3"	Pre cast		X		X				X					
5	FX5	Fox Hill Dr./Stone Dr.	11'3"	Pre cast	X							X		X			
5	FX6	Stone Dr.	5'8"	Pre cast		X		X									
5	FX8	Stone Dr.	11'11"	Pre cast		X		X				X		X			
5	FX8.1	Stone Dr.	12'11"	Pre cast				X				X	X				
5	H	125 Danbury St. Left front of Kohls	10'8"	Pre cast		X		X									
2	J1	12 Jackson Ct.	9'1"	Block		X		X				X	X				
2	J2	1 Jackson Ct.	8'10"	Block	X	X		X				X	X				
5	K	103 Danbury Rd. In front of Barolo	7'3"	Pre cast		X		X				X					
3	K1	11 Kellogg St.	12'4"	Pre cast													X
5	L	105 Danbury Rd.	4'6"	Pre cast								X					
5	M	99 Danbury Rd. Back left	9'3"	Pre cast		X		X									
3	M1	2 Mulberry St.	6'1"	Pre cast													X
3	M2	20 Mulberry Street	7'6"	Pre cast				X									X
3	M2A	24 Mulbury St.	12'8"	Pre cast	X						X	X					
3	M3	Millstone Ct. N of pump station	8'5"	Pre cast						X							
6	N	75 Danbury Rd.	10'10"	Pre cast		X		X				X					
3	N1	2 Nurneg Ct.	10'4"	Pre cast		X		X									
3	N2	8 Nurneg Ct.	7'3"	Pre cast									X				
3	N4	28 Nurneg Ct.	7'4"	Pre cast													X
3	N5	22 Nurneg Ct.	7'8"	Pre cast		X		X									
3	O11	45 Overlook Dr.	8'	Pre cast		X				X							X

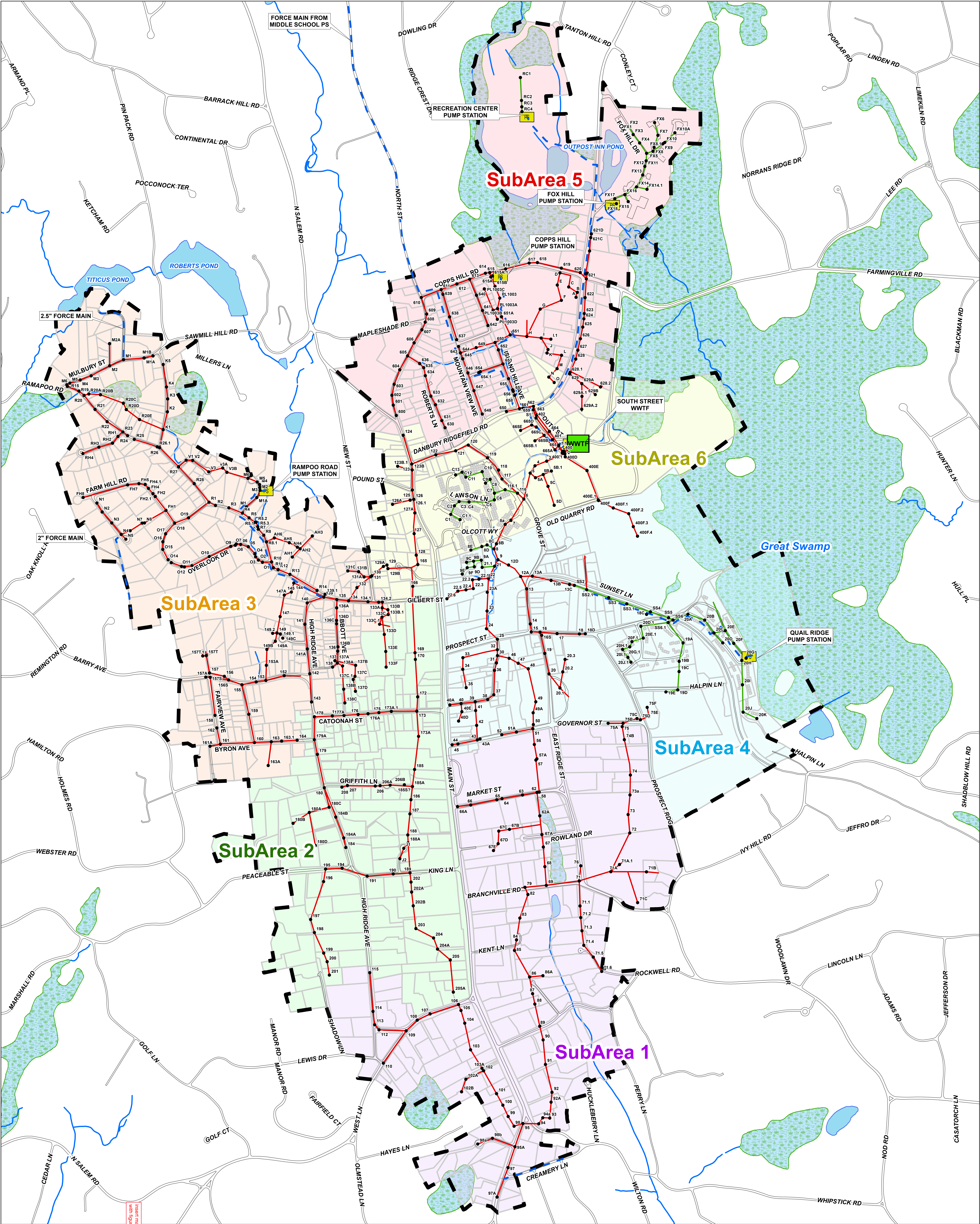
TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
3	O12A	49 Overlook Dr.	9'3"	Pre cast	X	X		X									
3	O14	61 overlook Dr.	9'	Pre cast	X			X					X				
3	O17	66 Overlook Dr.	7'9"	Pre cast									X				
3	O18	76 Overlook Dr	25'10"	Pre cast													X
3	O4	9 Overlook Dr.	7'9"	Pre cast				X									
3	O7	20 Overlook Dr.	11'9"	Pre cast						X							
5	PL1003A	125 Danbury Rd. Behind Stop&Shop	12'8"	Pre cast							X						
5	PL1003B	11 Lafayette Ave.	5'4"	Pre cast							X						
5	PL1003C	3 Lafayette Ave.	6'3"	Pre cast	X						X						
3	R 3	70 Ramapoo Rd.	6'2"	Pre cast				X									
3	R1	Ramapoo Rd./Overlook Dr.	14'1"	Pre cast													X
3	R13	21 Ramapoo Rd.	8'2"	Pre cast													X
3	R14	4 Ramapoo Rd.	6'1"	Pre cast													X
3	R2	72 Ramapoo Rd.	9'	Pre cast				X									
3	R22	130 Ramapoo Rd.	8'3"	Pre cast	X	X		X				X					
3	R25	116 Ramapoo Rd.	7'9"	Pre cast									X				
3	R26	Ramapoo Rd./Kellogg St.	8'	Pre cast								X					
3	R26.1	110 Ramapoo Rd.	9'8"	Pre cast		X		X									
3	R27	Ramapoo Rd./Victor Dr.	8'8"	Pre cast	X												X
3	R4	Ramapoo Rd./Millstone Ct.	8'	Pre cast													X
3	R8	47 Ramapoo Rd.	8'7"	Pre cast													X
3	R8.1	40 Ramapoo Rd.	9'7"	Pre cast				X									X
5	RC3	193 Danbury Rd.	7'2"	Pre cast				X									X
5	RC4	193 Danbury Rd.	10'	Pre cast									X				

TABLE 4. MANHOLE REHABILITATION

Sub-Area	MH No.	Description of Location	MH Depth	MH Type	Manhole Cleaning	Repair Defective Chimney	Wrap Chimney	Reset F & C	Raise F & C	Replace Defective F & C	Install Manhole Insert	Chemical Sealing	Interior Coating	Repair Bench	Repair Invert	Rebuild Bench & Invert	Chemical Sealing Connection
3	RH3	12 Ramapoo Hill Rd.	10'10"	Pre cast		X		X									
3	RH4	19 Ramapoo Hill Rd.	5'6"	Pre cast				X									X
6	S1	South St./Danbury Rd.	8'	Pre cast	X												
4	SS2	63 Sunset Ln.	4'8"	Pre cast	X	X		X			X	X				X	
4	SS2.1	73 Sunset Ln.	6'10"	Pre cast	X						X					X	
4	SS3	77 Sunset Ln.	7'5"	Pre cast		X		X			X						
4	SS3.1	Sunset Ln.	8'7"	Pre cast	X	X		X			X	X		X			
4	SS6	1 Prospect St.	4'9"	Pre cast													X
4	SS6.1	1 Prospect St.	7'	Pre cast										X			
4	SS6.2	19 Prospect Ridge unit 27 rear	4'6"	Pre cast										X			
3	V1	5 Victor Dr.	16'7"	Pre cast								X					
3	V2	7 Victor Dr.	17'3"	Pre cast		X		X									
				Total =	83	165	14	194	10	21	109	103	67	27	10	11	\$9
				Unit Cost =	\$900	\$1,100	\$2,700	\$1,100	\$1,300	\$1,600	\$500	\$1,600	\$3,200	\$900	\$900	\$1,600	\$1,100
				Subtotal Cost ⁽¹⁾ =	\$66,400	\$181,500	\$37,800	\$213,400	\$13,000	\$33,600	\$54,500	\$164,800	\$214,400	\$24,300	\$9,000	\$17,600	\$64,900
				Total Cost =													
																	\$1,095,200

Notes:
(1) The estimated cost for recommended manhole rehabilitation includes an allowance for engineering and contingency.



AECOM

Drawn: BC 12/7/2016

Approved: AA 12/7/2016

Map Location

Legend

Manhole

WWTF

Pump Station

Force Main

Municipal Sewer

Private Sewer

Roads

Streams

Sewer District 1 Boundary

Swamps

Parcel

Waterbodies

0 175 350

Scale in Feet

FIGURE 1: SEWER MANHOLE INSPECTIONS
TECHNICAL MEMORANDUM NO. 3
DECEMBER 2016

RIDGEFIELD, CT
PHASE II WASTEWATER FACILITIES PLAN

G:\Projects\MUN\60289267\RID\Map\Figure 1 - Sewer Manhole Inspections Dec 2016.mxd

**Attachment A – EST Associates/Mill City Environmental
Manhole Inspection Report**

RIDGEFIELD, CT

DYE FLOODING REPORT

Prepared for:

AECOM
701 Edgewater Drive
Wakefield, MA 01880

Prepared by:

EST Associates, Inc.
51 Fremont Street
Needham, MA 02494

November 2016

Dye Flooding

November 16, 2016

275.

sde

Smoke Testing Form

Owner: Ridgefield, CT
Inspection Date/Time: 9-12-13 0935
Set Up MH: SMH-180
Upstream MH: SMH-184
Downstream MH: SMH-178

Inspection Crew: MK/SS/TH
Location/Interceptor: Subarea 2
Map:
Sheet:
Segment Length: 1441'

Observations

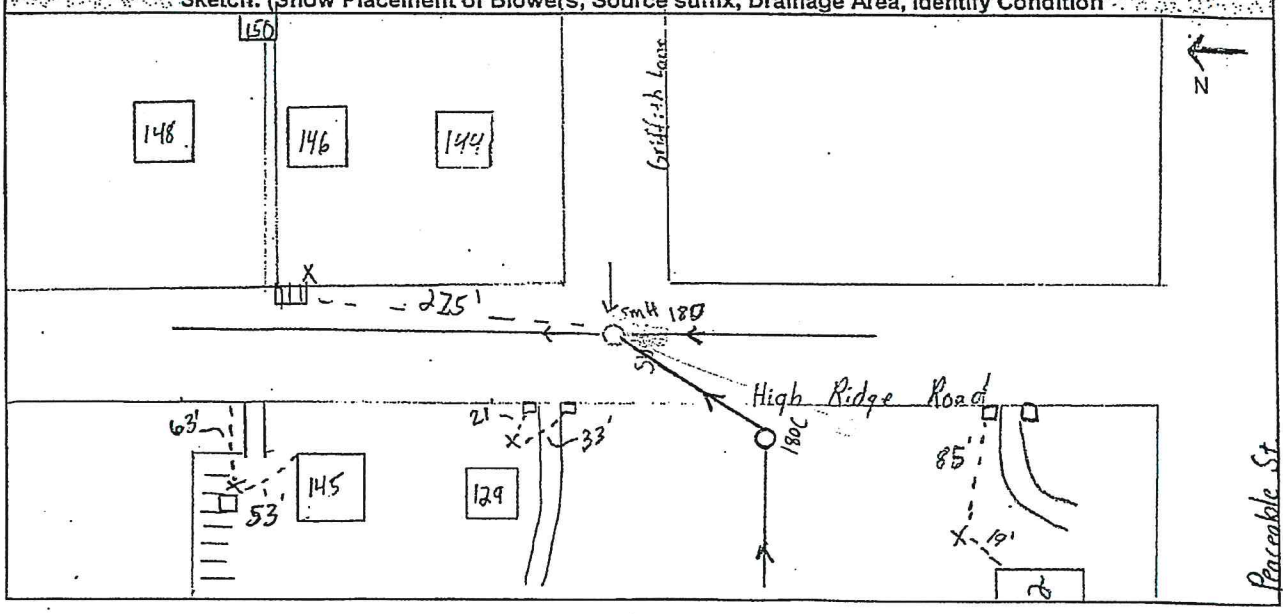
Weather/Ground ☒ 1. Dry
☐ 2. Moderate
☐ 3. Wet

Source Note / Address	Results	Sector	Source Type	Location	Area	Runoff C	Flow (grams)
2 Penceable St.	2	2	146	40	17		
129 High Ridge Rd.	2	2	146	20	17		
145 High Ridge Rd.	2	2	133	100	90		
CB@ 150 High Ridge Rd.	2	1	102	50	90		

Codes

Results	Sector	Source Type	Location
1- Negative	Public	Service Connection	Paved Conc.
2- Postive	Private	Driveway Drain	Paved Asph.
3- Cannot Test		Window Well Drain	Driveway
4- +Dye Tested		Stairwell Drain	Sidewalk
5- -Dye Tested		Area Drain	Curb
6- Suspect		Downspout	Yard - Front
7-		Downspout Connection	Yard - Back
8-		Fountain Drain	Yard - Side
9-		Building Drain	Non - Paved
10-		Catch Basin	Creek Bottom
11-		Storm Ditch	Field
12-		Storm Manhole	Golf Course
13-		Man Sewer	
14-		Clean out	

Sketch: (Show Placement of Blowers; Source suffix; Drainage Area; Identify Condition)







The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

Structure at 145 High Ridge Avenue

3/10/2016 10:09:05 AM



1:1200
1"=100'



145 High Ridge Chamber, Ridgefield, CT



Possible clean out beneath cover of structure



Dye visible in SMH 179.

sde

Smoke Testing Form

Owner: Ridgefield, CT
 Inspection Date/Time: 9-11-13 1000
 Set Up MH: SMH-203
 Upstream MH: SMH-205A
 Downstream MH: SMH-189

Inspection Crew: mk/cs/TH
 Location/Interceptor: Subarea 2
 Map:
 Sheet:
 Segment Length: 1440'

Observations

Weather/Ground
☒ 1. Dry
☐ 2. Moderate
☐ 3. Wet

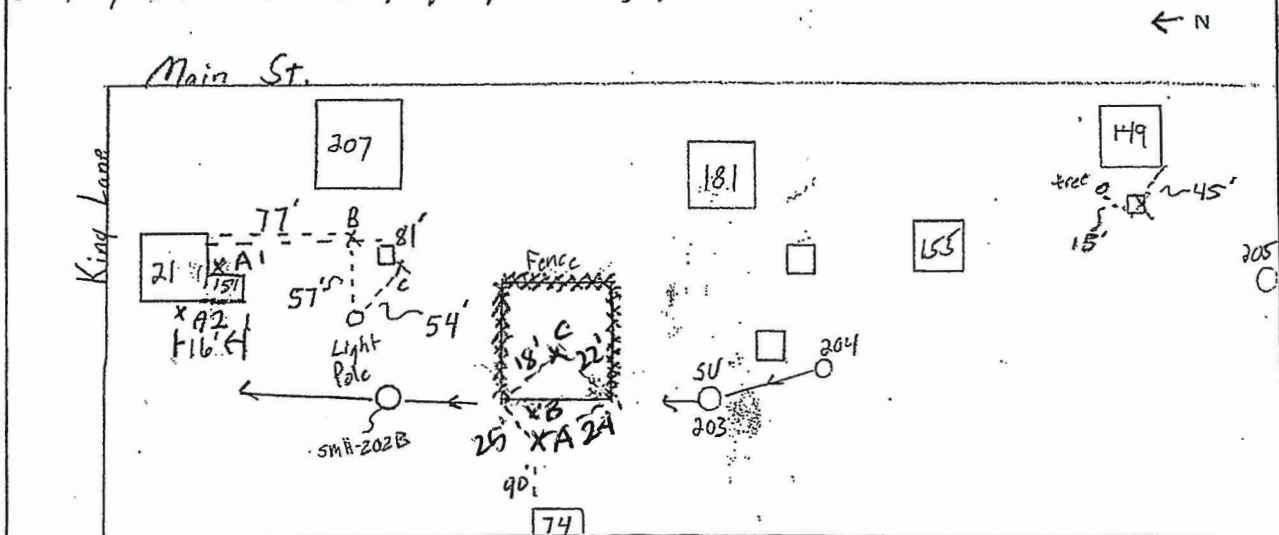
Source Note / Address	Results	Sector	Source Type	Location	Area	Runoff C	Flow (grams)
149 Main Street	2	2	13	3	100	.90	
21 King Lane A1+A2	2	2	7	7	100	.90	
21 King Lane B	2	2	1	7	100	.17	
21 King Lane E	2	2	10	7	100	.17	
74 High Ridge Ave	2	2	14	7	100	.21	

Codes

Results	Sector	Source Type	Location
1- Negative	Public	Service Connection	Paved Conc.
2- Positive	Private	Driveway Drain	Paved Asph.
3- Cannot Test		Window Well Drain	Driveway
4- + Dye Tested		Stairwell Drain	Sidewalk
5- -Dye Tested		Area Drain	Curb
6- Suspect		Downspout	Yard - Front
7-		Downspout Connection	Yard - Back
8-		Fountain Drain	Yard - Side
9-		Building Drain	Non - Paved
10-		Catch Basin	Creek Bottom
11-		Storm Ditch	Field
12-		Storm Manhole	Golf Course
13-		Man Sewer	
14-		Clean out	

Sketch: (Show Placement of Blowers; Source suffix, Drainage Area; Identify Condition)

21 King Lane has a sump pump discharging into the sewer line in basement







The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

Structure at 149 Main Street

3/10/2016 10:02:48 AM



1:1200
1"=100'



149 Main Street, Ridgefield, CT



Dye visible in SMH 202B.

2016 RIDGEFIELD MANHOLE INSPECTION REPORT

Prepared for:

AECOM
250 Apollo Drive
Chelmsford, MA 01824

Prepared by:

EST Associates, Inc.
51 Fremont Street
Needham, MA 02494

Book 1
Manhole ID: A-O

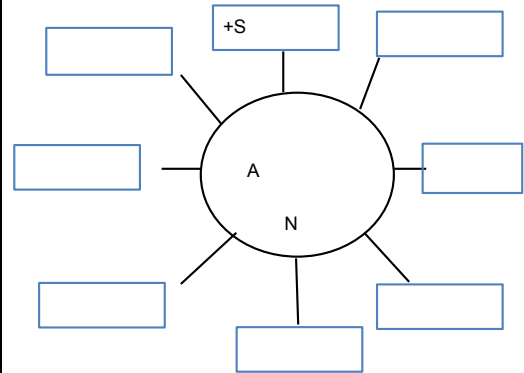
**2016 Manhole Inspections
Ridgefield, CT
Book 1
Manhole ID: A-O**

Manhole ID	Photo ID	Address
A	5	125 Danbury Rd. Right of Venice restaurant
AH1	18	25 Arrowhead Pl.
AH2	19	26 Arrowhead Pl.
AH3	21	30 Arrowhead Pl.
AH4	20	25 Arrowhead Pl.
AH5	1	25 Arrowhead Pl.
AH6		40 Ramapoo Rd.
B	4	125 Danbury Rd. Right of Venice restaurant
C	3	125 Danbury Rd. Front left of Rite Aid
C1	7	118 Stebbins Close
C1.1	23	124-127 Stebbins Close
C2	8	81-84 Lawson Ln. Across street
C3	9	77-80 Lawson Ln.
C4	10	23 Lawson Ln.
C5	11	45-48 Lawson Ln.
C6	12	41-44 Lawson Ln. Back
C7	13	30-33 Olcott Way
C8	14	38-41 Olcott Way
C9	15	50-53 Olcott Way
C10	16	58-61 Olcott Way
C11	17	83-86 Olcott Way
C12	18	83-86 Olcott Way
C13	19	13-16 Olcott Way
D	1	125 Danbury Rd. Left rear of Rite Aid
E	2	125 Danbury Rd. In front of Jersey Mike's
F	6	125 Danbury Rd. In front of RadioShack
FH1	14	6 Farm Hill Rd.
FH2	13	16 Farm Hill Rd.
FH2.1	12	22 Farm Hill Rd.
FH4	11	29 Farm Hill Rd.
FH4.1	10	26 Farm Hill Rd.
FH5	9	34 Farm Hill Rd.
FH7	8	44 Farm Hill Rd.

FH8	7	52 Farm Hill Rd
FX1	6	Fox Hill Dr.
FX2	5	Fox Hill Dr.
FX2.1		Fox Hill Dr.
FX3	3	Fox Hill Dr.
FX4	4	Fox Hill Dr.
FX5	10	Fox Hill Dr./Stone Dr.
FX6	5	Stone Dr.
FX 7		Stone Dr.
FX8	1	Stone Dr.
FX8.1	2	Stone Dr.
FX9		Stone Dr.
FX10		Stone Dr.
FX10A		Stone Dr.
FX11	9	Fox Hill Dr.
FX12	8	Fox Hill Dr.
FX13	7	Fox Hill Dr.
FX14	5	Fox Hill Dr.
FX14.1	6	Fox Hill Dr.
FX15		Fox Hill Dr.
FX16	4	Fox Hill Dr.
FX17	2	Fox Hill Dr. Right of pump station.
FX18	3	Fox Hill Dr. Front of pump station
G	7	113 Danbury Rd. In front of Geno Deli
H	8	125 Danbury St. Left front of Kohls
I	9	107 Danbury Rd. In front of Women's Healthcare
I.1	11	107 Danbury Rd. Left of No. 109 Wine Market
J		103 Danbury Rd.
J1	15	12 Jackson Ct.
J2	14	1 Jackson Ct.
K	12	103 Danbury Rd. In front of Bartolo
K1	9	11 Kellogg St.
K2	10	19 Kellogg St.
K3	11	25 Kellogg St.
K4	12	Kellogg St.
K5	13	Kellogg St.
L	13	105 Danbury Rd.
M	14	99 Danbury Rd. Back left
M1	6	10 Millstone Ct.
M1	14	2 Mulberry St.
M1A	7	Millstone Ct. SW of pump station
M1A	19	3 Mulberry St.
M1B		1 Mulberry St.
M2	8	Millstone Ct. At pump station
M2	15	20 Mulberry Street

M2A	2	24 Mulbury St.
M3	9	Millstone Ct. N of pump station
M3	16	40 Mulberry St.
M4	10	16 Millstone Ct.
M4	17	41 Mulberry St.
M5	11	16 Millstone Ct.
M5	18	44 Mulberry St.
M6	1	Millstone Ct.
M6		Mulberry St./Ramapoo Rd.
N	15	75 Danbury Rd.
N1	1	2 Nutmeg Ct.
N2	2	8 Nutmeg Ct.
N3	3	16 Nutmeg Ct.
N4	4 & 5	28 Nutmeg Ct.
N5	6	22 Nutmeg Ct.
N6		23 Nutmeg Ct.
N7		13 Farm Hill Rd.
N8	3	
O	16	75 Danbury Rd.

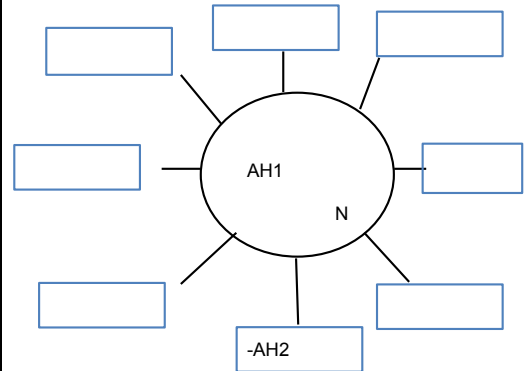
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 6										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: A Photo #5										
Street: 125 Danbury Rd. Right of Venice restau City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 2x2</div> </div>										
General Comments: Grease chamber										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH		X = Not Known								
CHANNEL		X = Not Known								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	4' 3"	4	PVC		0.1	0			Cannot lamp, T connection
Sheet Number:										



SMH-A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 135										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: AH1 Photo #18										
Street: 25 Arrowhead Pl. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		7x10			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block & pre cast rim	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound			2" of debris					
CHANNEL	Brick	S = Sound			1.5" of debris					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	AH2	4' 7"	8	PVC	13'	0	0			At 6', service connection to 3 o'clock
Sheet Number:										



SMH-AH1

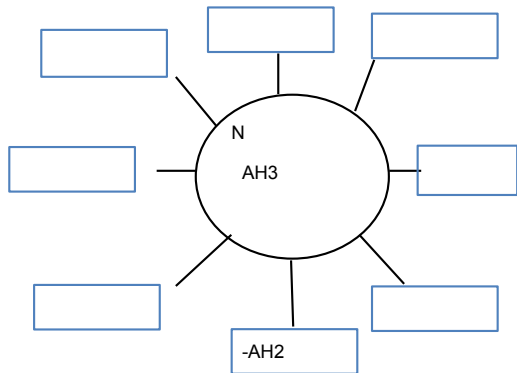


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 29										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: AH2 Photo #19										
Street: 26 Arrowhead Pl. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	AH3	8' 11"	8	PVC	4'	0.25	0			At 8', service connection at 3 o'clock
In	AH1	8' 11"	8	PVC	13'	0	0			
Out	AH4	9'	8	PVC	13'	0.25	0			
Sheet Number:										

SMH-AH2



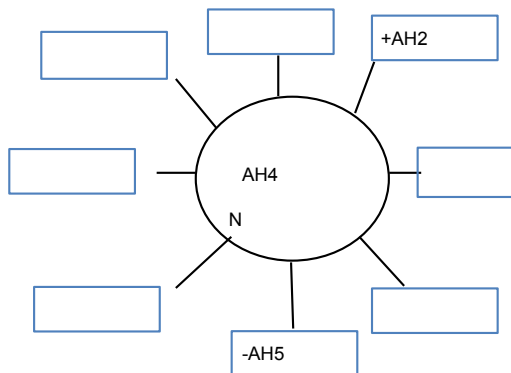
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 208										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: AH3 Photo #21										
Street: 30 Arrowhead Pl. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
At 3x5										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div>Comments:</div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick & pre cast rin	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	AH2	6' 2"	8	PVC	4'	0	0			At 4', service connection at 9 o'clock. At 8', service connection at 3 o'clock.
Sheet Number:										



SMH-AH3



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 142										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: AH4 Photo #20										
Street: 25 Arrowhead Pl. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" below		3x5			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; width: 150px; height: 100px; margin-left: 20px;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	AH2	9' 2"	8	PVC	13'	0.1	0			
Out	AH5	9' 3"	8	PVC	13'	0.1	0			
Sheet Number:										



SMH-AH4

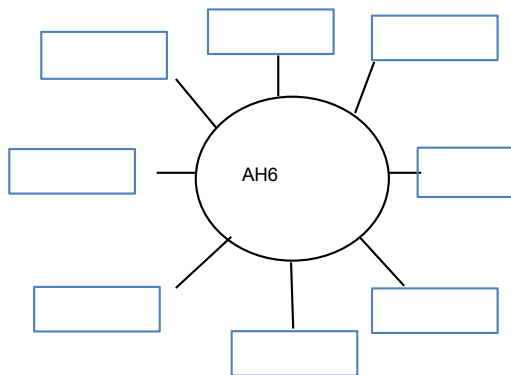


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 175										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: AH5 Photo #1										
Street: 25 Arrowhead Pl. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 2" below		Drainage Area: 2x6			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 2"					
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	AH4	14' 8"	8	PVC	13'	0.5	0			
Out	AH6	14' 9"	8	PVC	13'	0.5	0			
Sheet Number:										

SMH-AH5



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: AH6 Photo#										
Street: 40 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

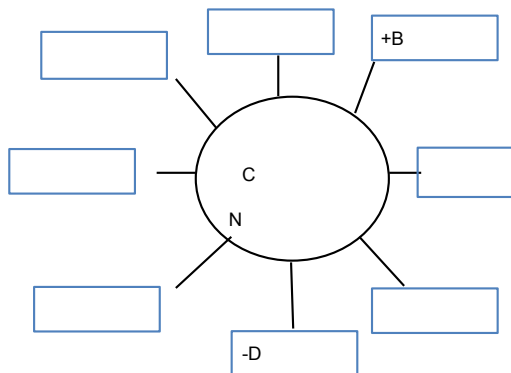


1. GENERAL INFORMATION													
Inspector: JH, TZ Certificate #: Date: 5/23/2016													
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny													
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 25													
GPS Coordinates: Inspection Level: Level 1													
2. LOCATION													
MH/Access Point Number: B Photo #4													
Street: 125 Danbury Rd. Right of Venice restau City: Ridgefield, CT													
3. MANHOLE													
Access Type: AMH = Manhole													
5. COVER													
Cover Condition: Sound													
7. MANHOLE COVER ADJUSTMENT RING													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Ring Condition: Sound</td> <td style="width: 20%;">Grade: 0.25" above</td> <td style="width: 20%;">Drainage Area: 2x2</td> </tr> </table>											Ring Condition: Sound	Grade: 0.25" above	Drainage Area: 2x2
Ring Condition: Sound	Grade: 0.25" above	Drainage Area: 2x2											
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 60%;"> <p>General Grease chamber</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>													
INTERNAL MANHOLE OBSERVATIONS													
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments								
FRAME	Cast iron	Sound											
CHIMNEY	Brick & pre cast	S = Sound											
CONE	N/a												
STEPS	N/a												
WALLS	Pre cast	S = Sound											
BENCH		X = Not Known											
CHANNEL		X = Not Known											
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>													
LINE CONDITIONS													
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments			
Out	C	4' 4"	4	PVC		0.1	0			Cannot lamp, T connection			
<p>Sheet Number: _____</p>													

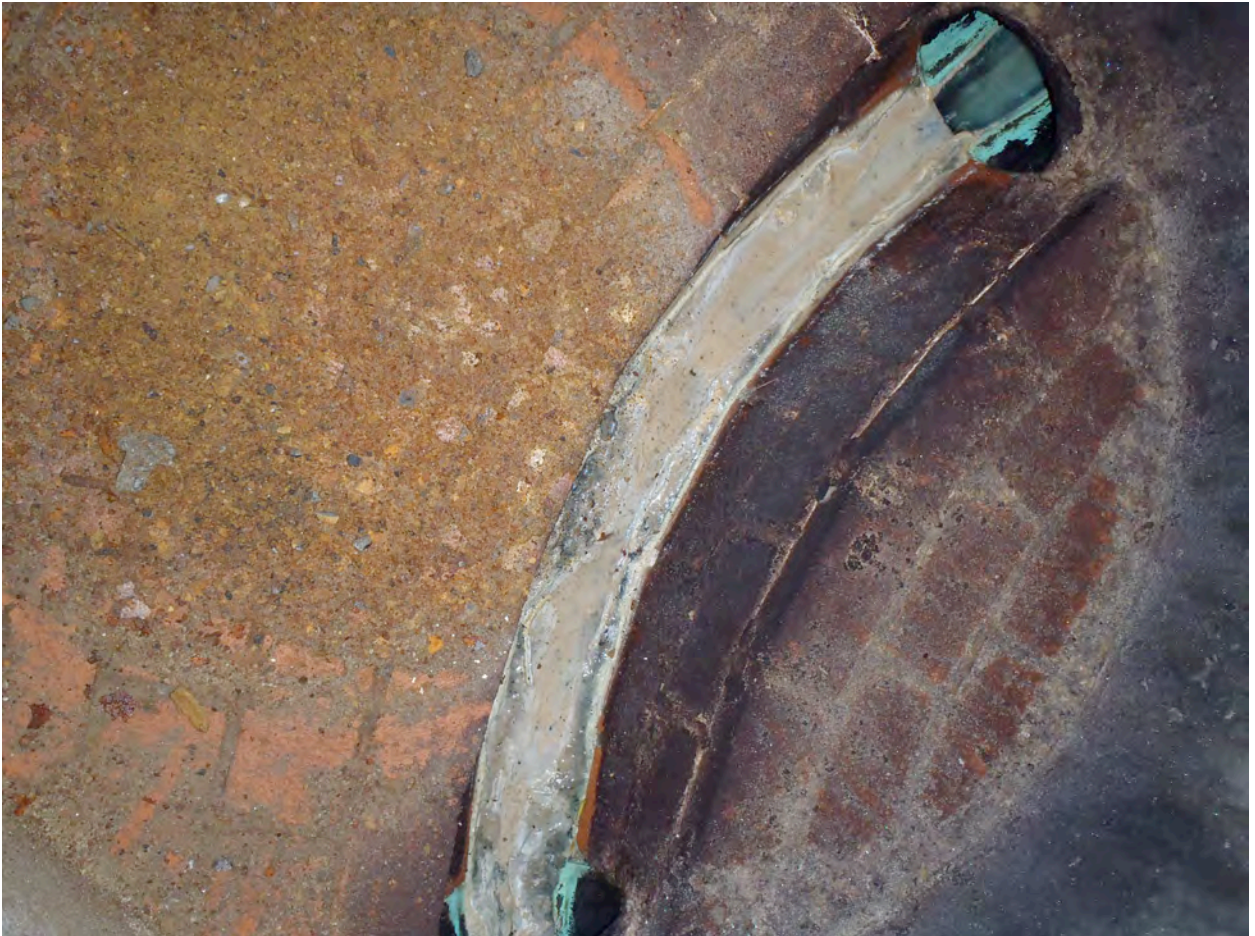
SMH-B



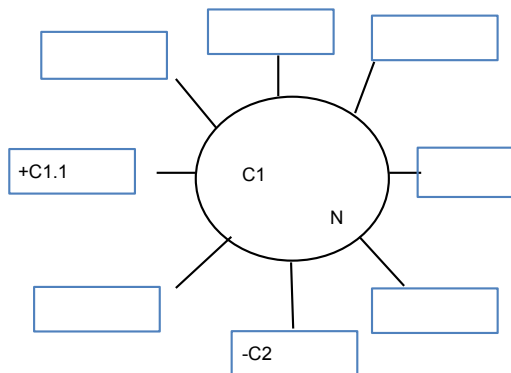
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 228										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C Photo #3										
Street: 125 Danbury Rd. Front left of Rite Aid City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 4"					
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	B	4' 5"	8	PVC	13'	0.1	0			At 20', pipe changes to 4" PVC
Out	D	4' 6"	8	PVC	6' & 1	0.1	0			
Sheet Number:										



SMH-C



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 97										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C1 Photo #7										
Street: 118 Stebbins Close City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x10										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	N/a									
STEPS	N/a									
WALLS	Block	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C1.1	4' 3"	6	Cast Iron	10'	0.25	0			
Out	C2	4' 4"	6	Cast Iron	10'	0.25	0			
Sheet Number:										



SMH-C1



1. GENERAL INFORMATION													
Inspector: JH, TZ Certificate #: Date: 6/2/2016													
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny													
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 84													
GPS Coordinates: Inspection Level: Level 1													
2. LOCATION													
MH/Access Point Number: C1.1 Photo #23													
Street: 124-127 Stebbins Close City: Ridgefield, CT													
3. MANHOLE													
Access Type: AMH = Manhole													
5. COVER													
Cover Condition: Sound													
7. MANHOLE COVER ADJUSTMENT RING													
Ring Condition: Sound													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade:</td> <td style="width: 50%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>										Grade:	Drainage Area:		
Grade:	Drainage Area:												
General Comments: <u>Manhole being rebuilt, drainage and grade unknown.</u>													
INTERNAL MANHOLE OBSERVATIONS													
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments								
FRAME	Cast iron	Sound											
CHIMNEY	Block	S = Sound											
CONE	N/a												
STEPS	N/a												
WALLS	Block	S = Sound											
BENCH	Poured in place	S = Sound											
CHANNEL	Poured in place	S = Sound											
Surcharge from Invert: None Evident None Currently ft Marks to ft													
LINE CONDITIONS													
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments			
Out	C1	4' 2"	6	Cast Iron		0	0			At 5', service connection 9 o'clock			
Sheet Number:													

SMH-C1.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 69										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C2 Photo #8										
Street: 81-84 Lawson Ln. Across street City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1' above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame not cemented down to cone					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	3' 5"	6	Cast Iron		0	0			Outside drop. Pipe connection missing mortar
In	SW	2' 11"	6	Cast Iron		0	0			At 7', full pipe of dirt. Pipe connection missing mortar.
In	C1	9' 8"	6	Cast Iron		0.25	0			At 6", bends 90 degrees up. Pipe connection missing mortar.
In	W	2' 4"	6	Cast Iron		0.1	0			Inside drop w/downspout, cannot lamp. Pipe connection missing mortar.
Out	C3	9' 9"	8	VCP	2'	0.25	0			
Sheet Number:										

SMH-C2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 124										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C3 Photo #9										
Street: 77-80 Lawson Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 2" below		Drainage Area: 150x30			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> <p>A circular diagram representing manhole C3. It has eight connection points around its perimeter. Clockwise from the top-left, they are labeled: +C2, +NW, an empty box, an empty box, -C4, an empty box, an empty box, and an empty box. A small 'N' is located near the top-right connection point.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C2	6' 7"	8	VCP	3'	0.25	0			
In	NW	5' 8"	6	Cast Iron	6'	0.5	0			At 6', pipe bends right
Out	C4	6' 8"	8	VCP	3'	0.5	0			At 6', pipe bends left
Sheet Number:										

SMH-C3

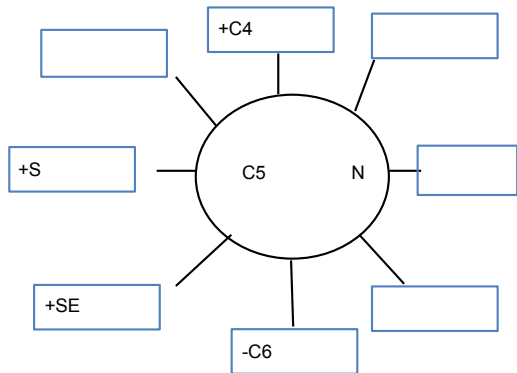


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 210										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C4 Photo #10										
Street: 23 Lawson Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>1.5" below</div> <div>8x30</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments:</p> <p>Cracked pavement surrounding manhole</p> <p>Cover is marked drain</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			All seams missing mortar. Heavy mineral deposits. Lift holes missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	1' 2"	4	PVC	3'	0	0			At 3', pipe bends 45 degrees. Pipe connection missing mortar.
In	SW	5' 5"	6	Cast Iron	10'	0.1	0	0.2		Pipe connection missing mortar
In	C3	6' 9"	8	Cast Iron		0.5				inside drop w/downspout, cannot lamp.
In	NW	7'	6	Cast Iron	10'	0.25	0			
Out	C5	11' 1"	8	VCP	3'	0.5	0			
Sheet Number:										

SMH-C4



1. GENERAL INFORMATION										
Inspector: JH,MTZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 88										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C5 Photo #11										
Street: 45-48 Lawson Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" above</div> <div>15x8</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Cracked pavement surrounding manhole</div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick shims	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective	0.1		Lift holes and seams missing mortar.					
BENCH	Pored in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	8' 5"	6	Cast Iron		0.25				Full pipe of sanitary solids, cannot lamp. Pipe connection missing mortar.
In	S	5' 8"	6	Cast Iron		0.25	0			Can't tell joint lengths, too tuberculated
In	C4	8' 9"	8	VCP	4'	1	0			
Out	C6	8' 10"	8	VCP	4'	1	0			
Sheet Number: _____										



SMH-C5

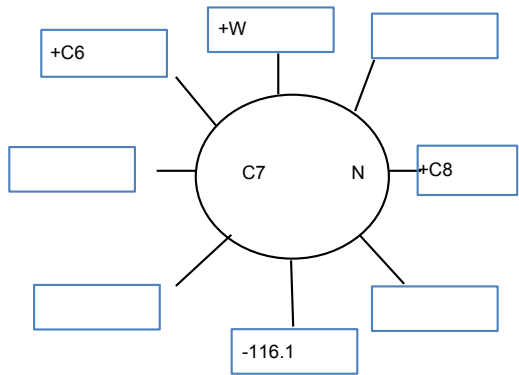


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 68										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C6 Photo #12										
Street: 41-44 Lawson Ln. Back City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					2" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>The diagram shows a central circle labeled 'C6' with 'N' below it. Eight lines radiate from the circle to rectangular boxes. The top-right box is labeled '+C5' and the bottom box is labeled '-C7'. The other six boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Seams missing mortar. Lift holes missing mortar. Weeping.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C5	8' 8"	8	VCP		0.75	0			Pipe connection missing mortar. Heavy mineral deposits.
Out	C7	8' 9"	8	VCP	4'	1	0			Pipe connection missing mortar. Heavy mineral deposits.
Sheet Number:										

SMH-C6



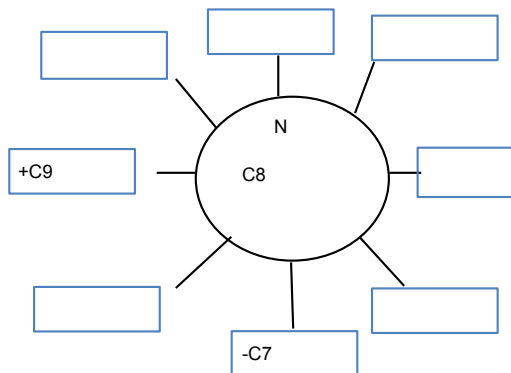
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 140										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C7 Photo #13										
Street: 30-33 Olcott Way City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 2" below		Drainage Area: 5x8			
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Seams missing mortar. Lift holes missing mortar. Light mineral deposits					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C6	8' 8"	8	VCP	4'	2	0			Pipe connection missing mortar
In	W	7' 5"	6	Cast Iron		0.1	0			Pipe connection missing mortar
In	C8	8' 8"	8	VCP	4'	0.5	0			
Out	116.1	8' 9"	10	VCP	1' & 4"	1	0			
Sheet Number:										



SMH-C7



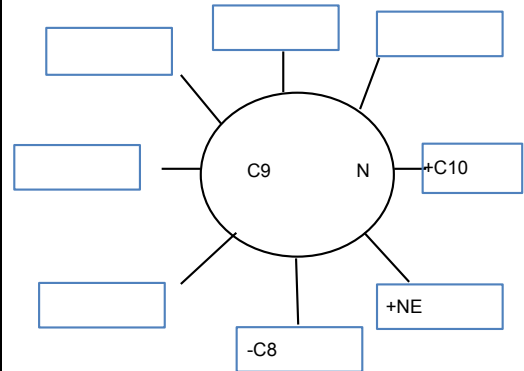
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 175										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C8 Photo #14										
Street: 38-41 Olcott Way City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					5" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Weeping. Seams missing mortar. Moderate mineral deposits.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C9	11' 4"	8	VCP	4'	0.5	0			2" sanitary solids. Pipe connection missing mortar. Weeping.
Out	C7	11' 5"	8	VCP	4'	0.5	0			Pipe connection missing mortar. Weeping. Heavy
Sheet Number:										



SMH-C8



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 49										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C9 Photo #15										
Street: 50-53 Olcott Way City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1' above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame not cemented to cone					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Seams missing mortar. Moderate mineral deposits. Weeping					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C10	10' 9"	8	VCP	3' & 4'	0.5	0	>0.1		1st joint light mineral deposits. Pipe connection missing mortar.
In	NE	9' 9"	5	ACP	10'	0.1	0			Pipe connection missing mortar
Out	C8	10' 10"	8	VCP	1' & 4'	1	0			
Sheet Number:										



SMH-C9



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 137										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C10 Photo #16										
Street: 58-61 Olcott Way City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p style="font-size: 24px; margin: 0;">C10</p> <p style="font-size: 18px; margin: 0;">N</p> <p style="font-size: 18px; margin: 0;">+C11</p> <p style="font-size: 18px; margin: 0;">-C9</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective	0.1		Seams missing mortar. Lift holes missing mortar. Moderate mineral deposits at seams.					
BENCH	Poured in place	D = Defective			Heavy mineral deposits					
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C11	10' 9"	8	VCP	4'	0.75	0			Pipe connection missing mortar. Moderate mineral deposits.
Out	C9	10' 10"	8	VCP	4'	0.75	0			Moderate mineral deposits
Sheet Number:										

SMH-C10



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 209										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C11 Photo #17										
Street: 83-86 Olcott Way City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					2" below		2x6			
<div style="position: relative; width: 100%; height: 100%;"> <p style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">C11</p> <p style="position: absolute; top: 20%; left: 10%;">+S</p> <p style="position: absolute; top: 20%; right: 10%;">+C12</p> <p style="position: absolute; top: 70%; left: 50%;">-C10</p> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective	0.1		Lift holes missing mortar. Seams missing mortar. Light roots.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	7' 8"	4	Cast Iron		0.25	0			Badly tuberculated
In	C12	6'	8	VCP	3' & 4'	0.5	0			3rd joint, mineral deposits, leaking 0.1 GPM. Pipe missing mortar.
Out	C10	8' 6"	8	VCP	1' & 4'	0.5	0			
Sheet Number:										

SMH-C11



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 48										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C12 Photo #18										
Street: 83-86 Olcott Way City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					At		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p style="font-size: 24px; margin: 0;">C12</p> <p style="font-size: 18px; margin: 0;">N</p> <p style="font-size: 18px; margin: 0;">+C13</p> <p style="font-size: 18px; margin: 0;">-C11</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Seams missing mortar, light roots.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C13	5' 4"	8	VCP	1' & 4'	1	0.5			Pipe connection missing mortar. Moderate roots
Out	C11	5' 5"	8	VCP	1' & 4'	0.75	0			Pipe connection missing mortar. Light roots
Sheet Number:										

SMH-C12



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 116										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: C13 Photo #19										
Street: 13-16 Olcott Way City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x100										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled 'C13' with an 'N' (North) indicator. Eight lines radiate from the circle to rectangular boxes. Clockwise from the top-left, the boxes are labeled: '+SW', '+W', an empty box, an empty box, '-C12', an empty box, an empty box, and an empty box.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing/broken mortar/brick					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Seams missing mortar. Weeping.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in into	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	6' 5"	4	Cast Iron		0.25	0			Minor tuberculation. Pipe connection missing mortar. Rebar showing. Weeping.
In	W	7' 6"	4	Cast Iron		0.25	0			Tuberculated. Pipe connection missing mortar
Out	C12	7' 9"	8	VCP	4'	0.5	0	0.1		Pipe connection missing mortar
Sheet Number:										

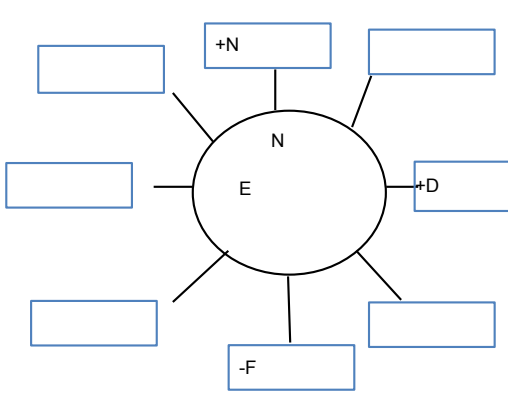
SMH-C13



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 29										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: D Photo #1										
Street: 125 Danbury Rd. Left rear of Rite Aid City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken										
					Grade:		Drainage Area:			
					At		5x10			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Brick & pre cast ring	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C	5'	8	PVC	13'	0.1	0			Pipe connection missing mortar
In	S	5'	4	Cast Iron	10'	0	0			Pipe connection missing mortar . Weeping. Heavy.
Out	E	5' 1"	8	PVC	13'	0.1	0			
Sheet Number:										

SMH-D



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 220										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: E Photo #2										
Street: 125 Danbury Rd. In front of Jersey Mike City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged & pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	4' 8"	4	PVC	13'	0	0			Pipe connection missing mortar
In	D	6' 2"	8	PVC	13'	0.1	0			Pipe connection missing mortar
Out	F	6' 3"	8	PVC	13'	0.1	0			
Sheet Number:										

SMH-E

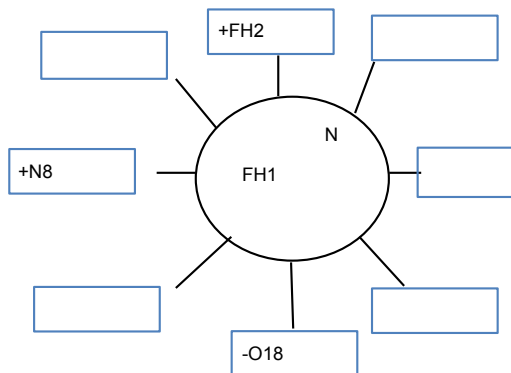


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 143										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: F Photo #6										
Street: 125 Danbury Rd. In front of RadioShac City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken At 5x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>Grade:</p> <p>Drainage Area:</p> </div> <div style="text-align: center;"> </div> </div>										
<p>General _____</p> <p>Comments: _____</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Block & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	6' 1"	8	PVC	8'	0.1	0			
Out	G	6' 2	8	PVC	13'	0.1	0			
Sheet Number:										

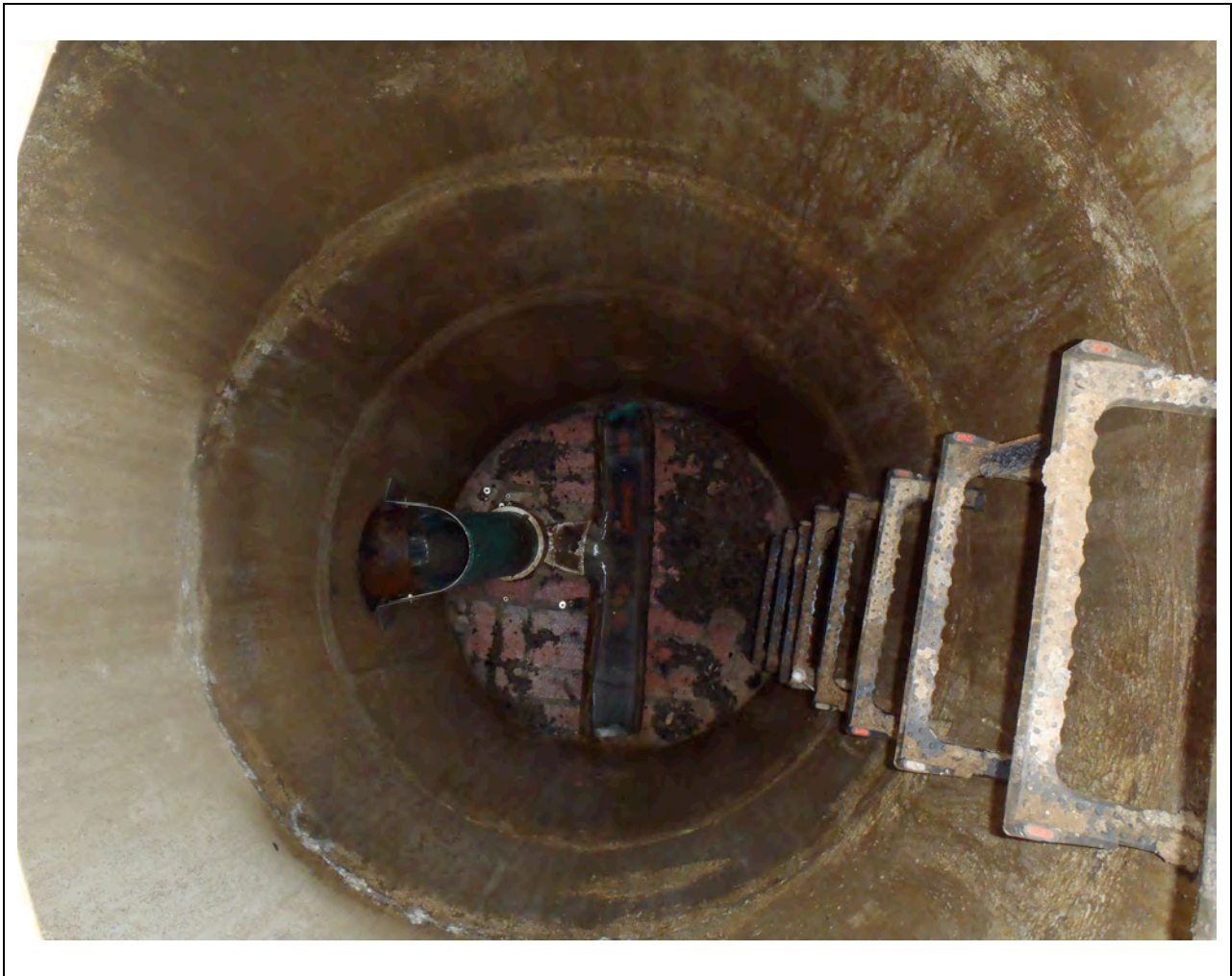
SMH-F



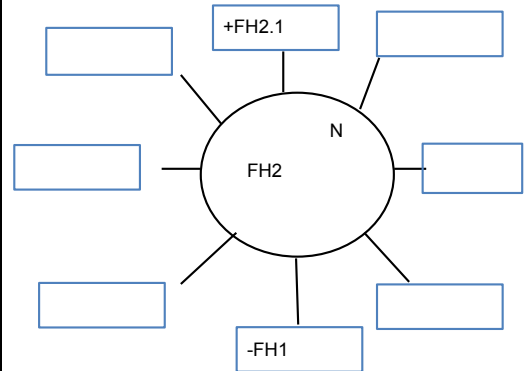
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 184										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FH1 Photo #14										
Street: 6 Farm Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x8</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General Comments: 1.5" riser</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & mortar	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N8	10'		ACP	5'	0.2	0			At 5', joint offset 0.5"
In	FH2	12'8"	8	PVC	5'	1	0			At 5', service connection 3 o'clock
Out	O18	12' 9"	8	ACP	13'	1	0			
Sheet Number:										



SMH-FH1



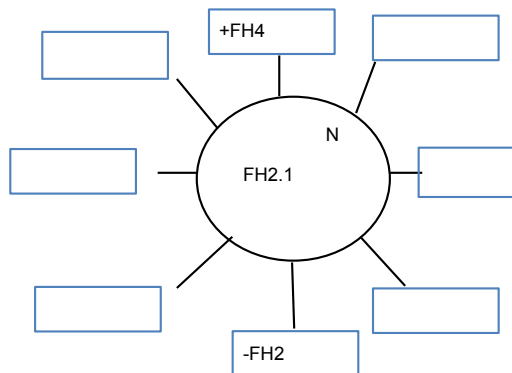
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 205										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FH2 Photo #13										
Street: 16 Farm Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 3x4										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FH2.1	11' 3"	8	PVC	6' & 8'	0.2	0			
Out	FH1	11' 4"	8	PVC	1' & 1'	0.2	0			At 1', service connection 9 o'clock
Sheet Number:										



SMH-FH2



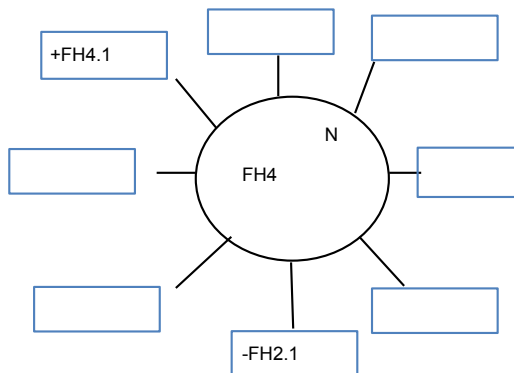
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 93										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FH2.1 Photo #12										
Street: 22 Farm Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x6										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FH4	9' 7"	8	PVC	13'	0	0			
Out	FH2.1	9' 8"	8	PVC	6' & 8'	0	0			
Sheet Number:										



SMH-FH2.1



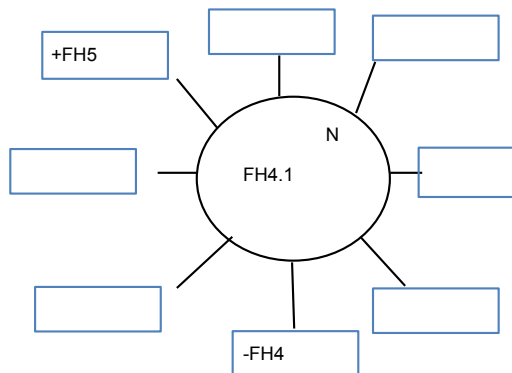
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 88										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FH4 Photo #11										
Street: 29 Farm Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" below 3x8										
General 1.5" riser and 2" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FH4.1	11' 11"	8	PVC	5'	0.2	0			At 10', service connection 12 o'clock
Out	FH2.1	12'	8	PVC	4' & 1	0.2	0			
Sheet Number:										



SMH-FH4



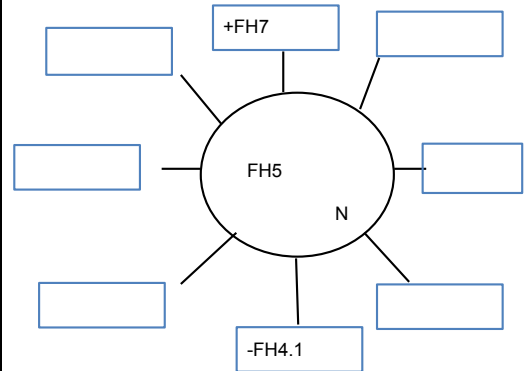
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 81										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FH4.1 Photo #10										
Street: 26 Farm Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x5</div> </div>										
General Comments: 1.5 and 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Missing mortar, rebar showing					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FH5	13' 8"	8	PVC	13'	0.1	0			
Out	FH4	13' 9"	8	PVC	3'	0.1	0			At 6', service connection 9 o'clock
Sheet Number:										



SMH-FH4.1



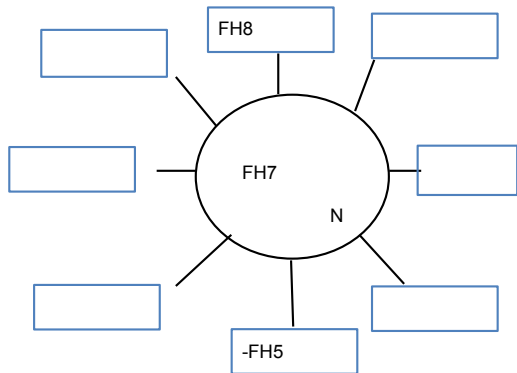
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 132										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FH5 Photo #9										
Street: 34 Farm Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x6</div> </div>										
General Comments: 1.5" riser and 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Mortar & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FH7	12'	8	PVC	13'	0.1	0			
Out	FH4.1	12' 1"	8	PVC	13'	0.1	0			
Sheet Number: _____										



SMH-FH5



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 299										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FH7 Photo #8										
Street: 44 Farm Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 3x4										
General 1.5" and 2" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FH8	9'	8	PVC	10'	0.5	0			
Out	FH5	9' 1"	8	PVC	3' & 8'	0.5	0			
Sheet Number:										



SMH-FH7



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 238										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FH8 Photo #7										
Street: 52 Farm Hill Rd City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Two 1.5" risers</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron									
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	FH7	8' 4"	8	PVC	3' & 6'	0	0			At 3', service connection 9 o'clock
Sheet Number:										

SMH-FH8

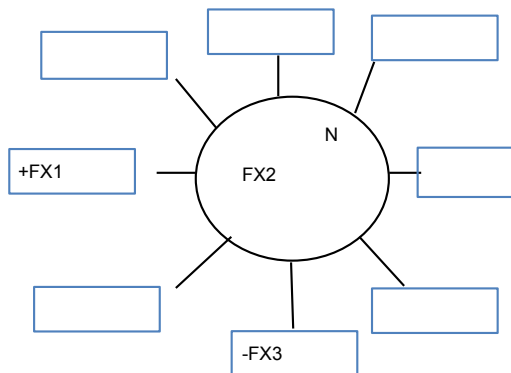


1. GENERAL INFORMATION										
Inspector: JH,MTZ Certificate #: Date: 6/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 84										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX1 Photo #6										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	N/A									
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	3' 6"	5	ACP	2' & 1	0.2	0			
In	W	3' 8"	5	ACP	6'	0.1	0			
Out	FX2	3' 9"	8	ACP	2' & 1	0.3	0			
Sheet Number:										

SMH-FX1

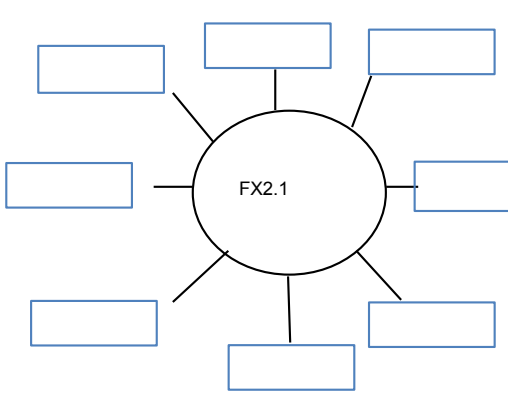


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 201										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX2 Photo #5										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" above</div> <div>Drainage Area: 4x8</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u> 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Lift holes missing mortar. Seams missing mortar. Light mineral deposits.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in into	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX1	9' 9"	8	ACP	10'	1	0			At 10', pipe slowly bends left
Out	FX3	9' 10"	8	ACP	5'	0.75	0			1st joint has calcium deposits.
Sheet Number:										

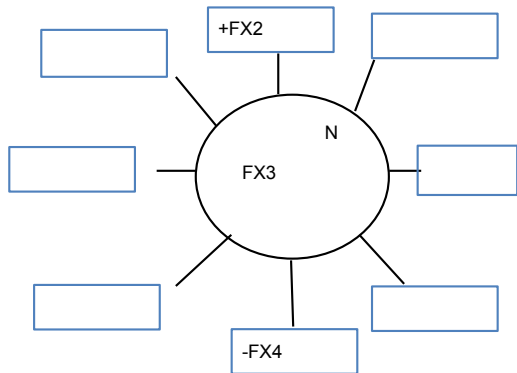


SMH-FX2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: Ft to Downstream MH:										
GPS Coordinates: Inspection Level:										
2. LOCATION										
MH/Access Point Number: FX2.1 Photo#										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Manhole does not exist</p> <p>Comments: </p> </div> <div style="flex: 1; text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

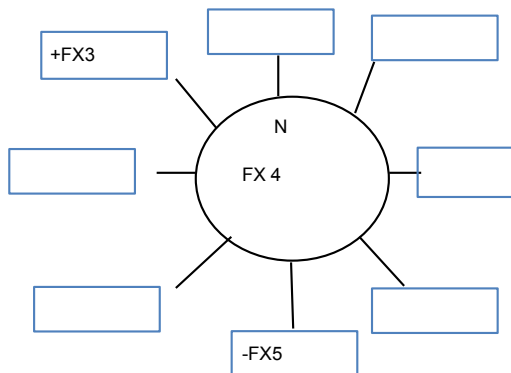
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 201										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX3 Photo #3										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x6										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div style="width: 300px; height: 40px; border: 1px solid black;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Missing mortar. Light mineral deposits.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX2	9' 3"	8	ACP	4' & 1	1	0			
Out	FX4	9' 4"	8	ACP	6' & 1	1	0			
Sheet Number:										



SMH-FX3



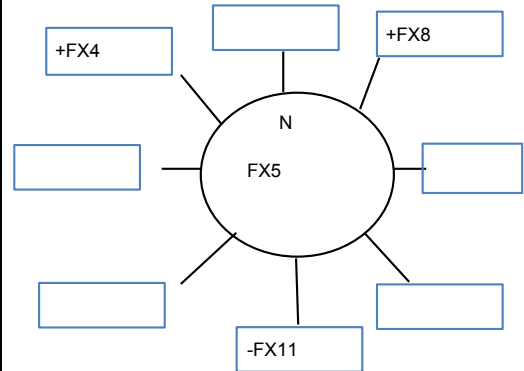
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/10/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 132										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX4 Photo #4										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		3x8			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX3	10' 5"	8	ACP	3' & 1	0.75	0			
Out	FX5	10' 6"	8	ACP	13'	1.25	0			
Sheet Number:										



SMH-FX4



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 160										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX5 Photo #10										
Street: Fox Hill Dr./Stone Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" belo</div> <div>Drainage Area: 12x25</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u> 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Missing mortar, light mineral deposits. Seams missing mortar, light mineral deposits.					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX4	11' 3"	8	ACP	4' & 1	0.75	0			
In	FX8	11' 3"	8	ACP	8' & 1	0.75	0			
Out	FX11	11' 4"	8	ACP	13'	1.25	0			
Sheet Number:										



SMH-FX5



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 157										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX6 Photo #5										
Street: Stone Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" below		7x4			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast ring	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	5' 8"	8	ACP	13'	0	0			
In	N	5' 8"	8	ACP	6'	0	0			
Out	FX7	5' 9"	8	ACP	8' & 1	0	0			
Sheet Number:										

SMH-FX6



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 116										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX8 Photo #1										
Street: Stone Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <pre> graph TD N((N FX8)) --- B1[] N --- B2[] N --- B3[] N --- B4[] N --- B5[] N --- B6[] B1 --- FX81[+FX8.1] B2 --- FX9[+FX9] B3 --- FX5[-FX5] </pre> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Lift holes missing mortar. Seams missing mortar.					
BENCH	Parged	D = Defective			Missing mortar. Weeping.					
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX8.1	11' 11"	8	ACP	6'	0.5	0			
In	FX9	11' 11"	8	ACP	5'	2	0			
Out	FX5	12'	8	ACP	3' & 1	1	0			
Sheet Number:										

SMH-FX8

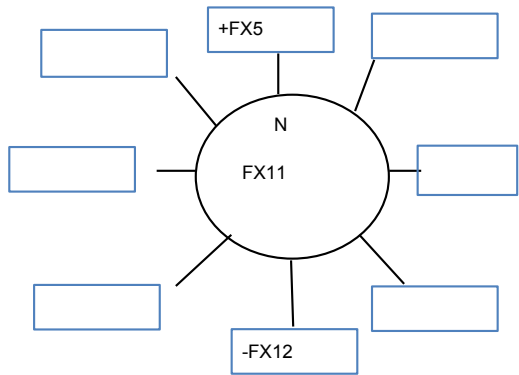


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 46										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX8.1 Photo #2										
Street: Stone Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled 'FX8.1' with an 'N' at the top. Eight lines radiate from the circle to eight rectangular boxes. The top-right box is labeled '+FX7' and the bottom box is labeled '-FX8'. The other six boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and cone.					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective	<0.1		Lift holes missing mortar. Seams missing mortar. Rebar showing.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX7	12' 11"	8	ACP	1'	0.5	0			Bends 90° up
Out	FX8	13'	8	ACP	5'	0.5				At least 60% of line is blocked by grease.
Sheet Number:										

SMH-FX8.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 115										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX11 Photo #9										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div style="width: 300px; height: 40px; border: 1px solid black;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX5	12' 10"	8	ACP	13'	1	0			
Out	FX12	12' 11"	8	ACP	13'	2	0			
Sheet Number:										



SMH-FX11



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 116										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX12 Photo #8										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Lift holes missing mortar. Seams missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX11	13' 11"	8	ACP	13'	2.5	0			
Out	FX13	14'	8	ACP	13'	2.75	0			
Sheet Number:										

SMH-FX12



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 101										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX13 Photo #7										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole FX13 showing connections to +FX12, +NW, -FX14, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Lift holes missing mortar. Seams missing mortar, light mineral deposits					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound			3" of sanitary solids					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	10' 9"	8	ACP	5' & 1	0.25	0			1st joint has mineral deposits. Pipe connection missing mortar.
In	FX12	11' 6"	8	ACP	8'	3	0			
Out	FX14	11' 3"	8	ACP	4' & 1	1.5	0			
Sheet Number:										

SMH-FX13

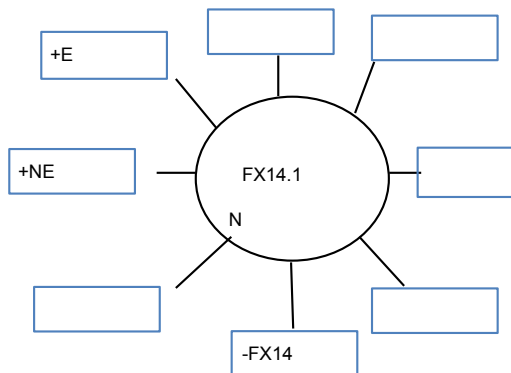


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 110										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX14 Photo #5										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Seams missing mortar. Weeping. Moderate mineral deposits					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX13	8' 10"	8	ACP	6' & 1	1	0			
In	FX14.1	8' 1"	8	ACP	7' & 1	0.75	0			
Out	FX16	9' 1"	8	ACP	13'	2	0			
Sheet Number:										

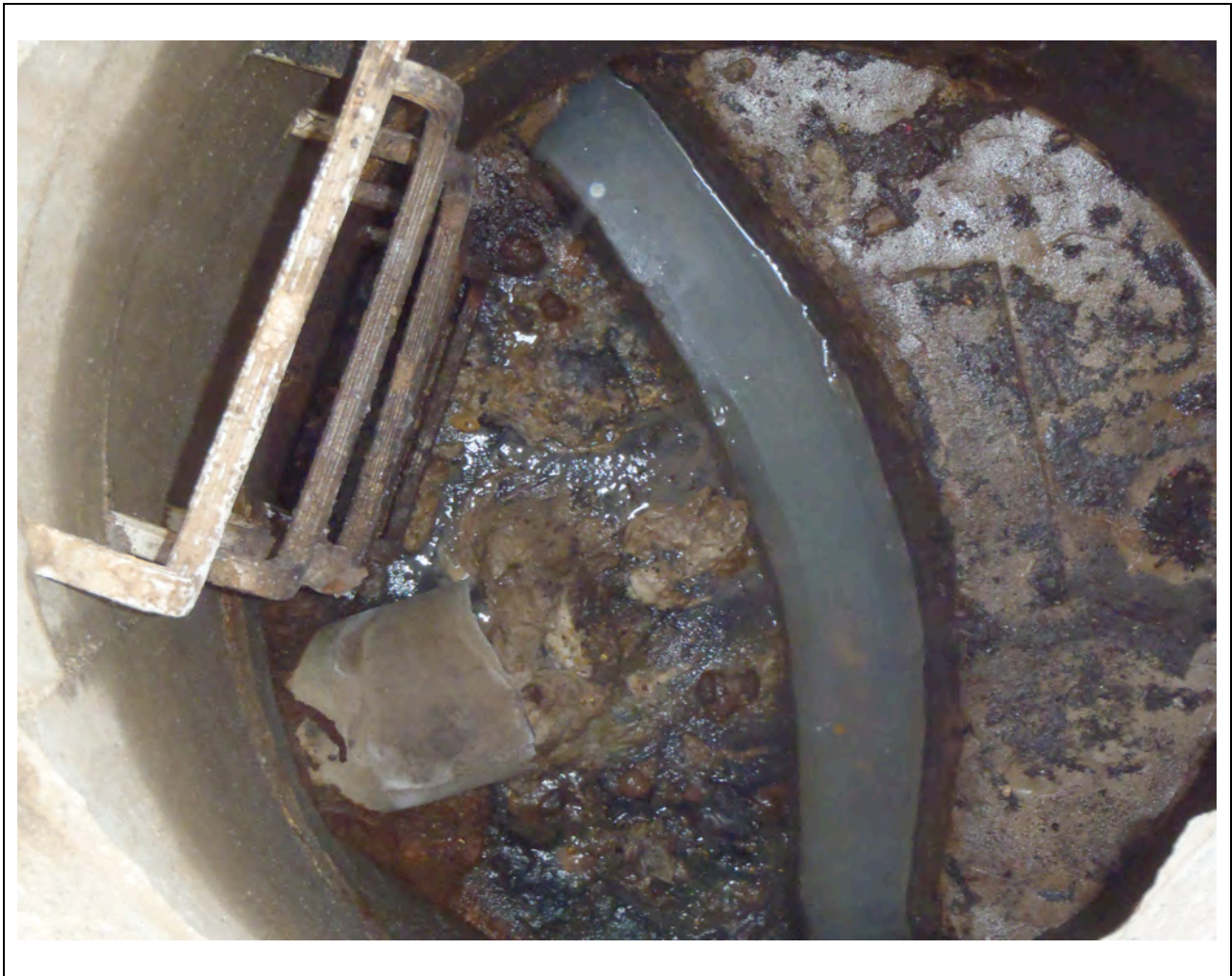
SMH-FX14



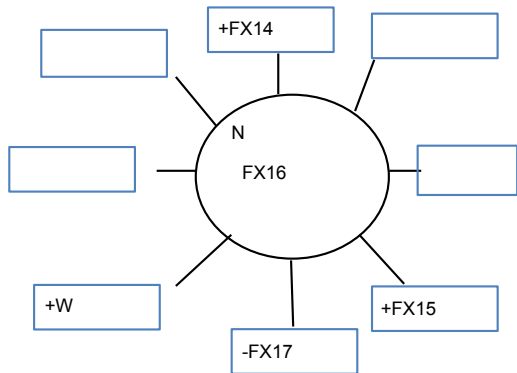
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 84										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX14.1 Photo #6										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	6' 2"	10	ACP	2' & 1	0.1	0			Pipe connection missing mortar. Light mineral deposits.
In	E	8' 10"	8	ACP	8' & 1	1.5	0			
Out	FX14	8' 11"	8	ACP	4' & 1	1.5	0			
Sheet Number:										



SMH-FX14.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 121										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX16 Photo #4										
Street: Fox Hill Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					At		2x12			
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Missing mortar, moderate mineral deposits					
BENCH	Parged & brick	S = Sound								
CHANNEL	Parged & brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	7' 2"	6	ACP	13'	0.1	0			Pipe connection missing mortar
In	FX14	7' 5"	8	ACP	13'	2	0			
In	FX15	6' 7"	8	ACP	13'	0.5	0			Pipe connection missing mortar, light mineral deposits.
Out	FX17	7' 6"	8	ACP	13'	2	1			
Sheet Number:										



SMH-FX16



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 60										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX17 Photo #2										
Street: Fox Hill Dr. Right of pump station. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.25" above</div> <div>3x8</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX16	7' 8"	8	ACP	13'	1.25	0			
Out	FX18	7' 9"	8	ACP	13'	1.5	0			
Sheet Number: _____										

SMH-FX17



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 24										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: FX18 Photo #3										
Street: Fox Hill Dr. Front of pump station City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 10x50										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Bolt down cover, no bolts present.</p> </div> <div style="text-align: center;"> </div> <div> <p>Grade: Drainage Area:</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & Parged	S = Sound								
CONE	Pre cast & Parged	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Missing mortar. Moderate mineral deposits. Dripping					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident Currently 1 ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	FX17	8' 6"	8	ACP	13'	2				2" of sanitary solids
Out	PS	8' 9"								Full pipe, cannot lamp.
Sheet Number:										

SMH-FX18



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 358										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: G Photo #7										
Street: 113 Danbury Rd. In front of Geno Deli City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
At 2x2										
<div style="text-align: center;"> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged & pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	F	6' 11"	8	PVC	8'	0.1	0			
Out	H	7'	8	PVC	13'	0.1	0			
Sheet Number: _____										

SMH-G



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 186										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: H Photo #8										
Street: 125 Danbury St. Left front of Kohls City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block, Parged, & pre cast r	D = Defective								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	10' 8"	6	PVC	10'	0	0			
In	G	8'	8	PVC	13'	0.1	0			
In	I	10' 8"	8	PVC	13'	2	0			
Out	651	10' 9"	8	PVC	13'	2	0			
Sheet Number:										

SMH-H



1. GENERAL INFORMATION													
Inspector: JH, TZ Certificate #: Date: 5/23/2016													
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny													
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 164													
GPS Coordinates: Inspection Level: Level 1													
2. LOCATION													
MH/Access Point Number: I Photo #9													
Street: 107 Danbury Rd. In front of Women's H City: Ridgefield, CT													
3. MANHOLE													
Access Type: AMH = Manhole													
5. COVER													
Cover Condition: Sound													
7. MANHOLE COVER ADJUSTMENT RING										Grade:		Drainage Area:	
Ring Condition: Sound										0.5" below		60x12	
General Comments: _____													
INTERNAL MANHOLE OBSERVATIONS													
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments								
FRAME	Cast iron	Sound											
CHIMNEY	N/a												
CONE	Pre cast	S = Sound											
STEPS	Aluminum	Sound											
WALLS	Pre cast	S = Sound											
BENCH	Brick	S = Sound											
CHANNEL	Brick	S = Sound											
Surcharge from Invert: None Evident None Currently ft Marks to ft													
LINE CONDITIONS													
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments			
In	I.1	6'	6	PVC		0.5	0			inside drop w/downspout, cannot lamp			
In	J	10' 5"	8	PVC	13'	0.75	0						
Out	H	10' 6"	8	PVC	13'	1	0						
Sheet Number:													

SMH-I

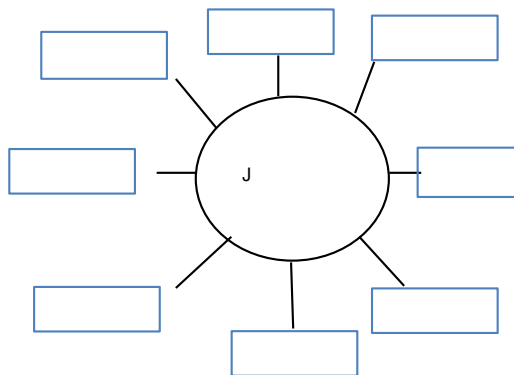


1. GENERAL INFORMATION													
Inspector: JH, TZ Certificate #: Date: 5/23/2016													
Purpose of Survey: I = Sewer System Evaluation Surve Weather: 115													
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 115													
GPS Coordinates: Inspection Level: Level 1													
2. LOCATION													
MH/Access Point Number: I.1 Photo #11													
Street: 107 Danbury Rd. Left of No. 109 Wine City: Ridgefield, CT													
3. MANHOLE													
Access Type: AMH = Manhole													
5. COVER													
Cover Condition: Sound													
7. MANHOLE COVER ADJUSTMENT RING										Grade:		Drainage Area:	
Ring Condition: Sound										At		2x12	
General Comments: _____													
INTERNAL MANHOLE OBSERVATIONS													
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments								
FRAME	Cast iron	Sound											
CHIMNEY	Block & pre cast ring	S = Sound											
CONE	N/a												
STEPS	Aluminum	Sound											
WALLS	Pre cast	S = Sound											
BENCH	Poured in place	S = Sound											
CHANNEL	Poured in place	S = Sound											
Surcharge from Invert: None Evident None Currently ft Marks to ft													
LINE CONDITIONS													
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments			
In	N	6' 5"	6	PVC		0.75	0			At 3', full pipe of sanitary solids			
In	E	6' 5"	6	PVC	8'	1	0						
Out	I	6' 5"	6	PVC	10'	0.25	0						
Sheet Number:													

SMH-I.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: J Photo#										
Street: 103 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 86										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: J1 Photo #15										
Street: 12 Jackson Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 6x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled 'J1' with an 'N' for North. Eight lines radiate from the circle to eight rectangular boxes. Clockwise from the top-left, the boxes are labeled: '+J2', '+W', '-188A', and four empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Block	S = Sound								
STEPS	Aluminum/steel	Sound								
WALLS	Block	D = Defective			Weeping. Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	J2	9' 1"	6	PVC	10'	0.1	0			
In	W	9'	4	PVC	10'	0	0			
Out	188A	9' 2"	8	ACP	13'	0.1	0			
Sheet Number:										

SMH-J1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 127										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: J2 Photo #14										
Street: 1 Jackson Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cracked pavement surrounding manhole.</u></p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Block	D = Defective			Missing mortar					
STEPS	Aluminum	Sound								
WALLS	Block	D = Defective			Missing mortar. Weeping					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	8' 10"	4	Orangeburg		0	0			
In	NW	8' 10"	4	Orangeburg		0	0			
Out	J1	9' 1"	6	PVC	10'	0	0			
Sheet Number:										

SMH-J2

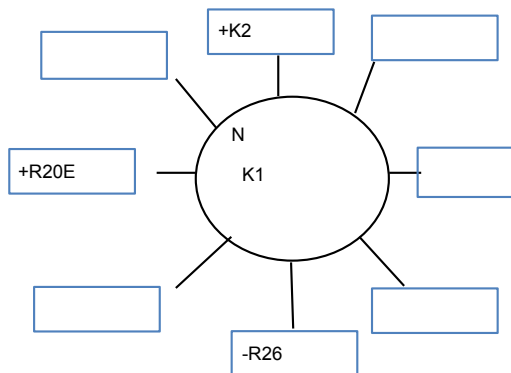


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 55										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: K Photo #12										
Street: 103 Danbury Rd. In front of Bartolo City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 100x100										
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General Comments: Cannot locate MH J estimated footage.</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar. Weeping					
CONE	Pre cast	D = Defective			Missing mortar at seams. Light mineral deposits					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Missing mortar at seams. Light mineral deposits					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	L	7' 3"	8	PVC	8'	2	0			Light grease throughout at 4 and 8 o'clock
Out	J	7' 4"	8	PVC	13'	1.5	0			Light grease throughout at 4 and 8 o'clock
Sheet Number:										

SMH-K



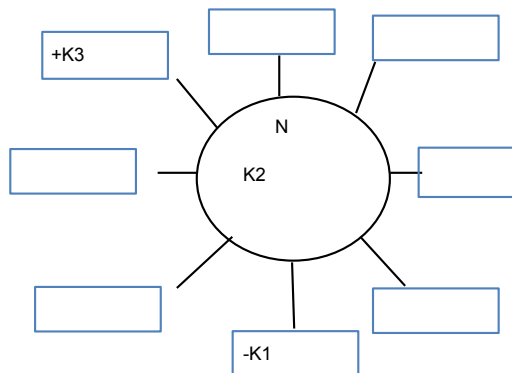
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 211										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: K1 Photo #9										
Street: 11 Kellogg St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x4</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General 1.5" riser</div> <div></div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R20E	12' 4"	8	PVC	13'	1	0			
In	K2	6' 2"	8	Cast Iron	10'	0.1	0			Pipe connection missing mortar. Inside drop w/do
Out	R26	12' 5"	8	Cast Iron	10'	0.75	0			
Sheet Number: _____										



SMH-K1



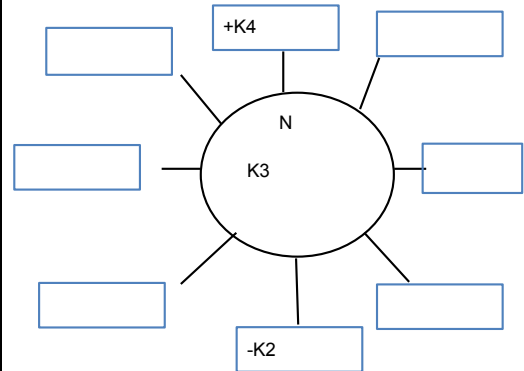
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 214										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: K2 Photo #10										
Street: 19 Kellogg St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 2x6										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	K3	11'	8	PVC	6'	0.1	0			
Out	K1	11' 1"	8	PVC	5'	0.1	0			At 6', service connection 10 o'clock
Sheet Number:										



SMH-K2



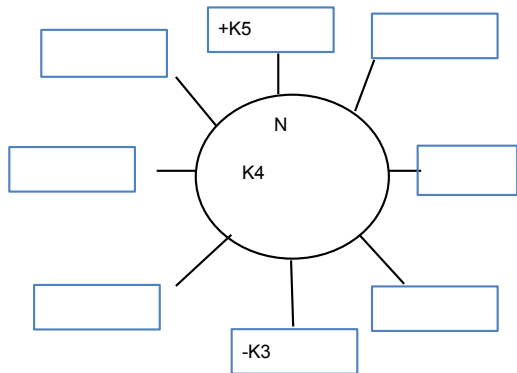
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 145										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: K3 Photo #11										
Street: 25 Kellogg St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 3x3										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	K4	14' 4"	8	PVC	13'	0	0			
Out	K2	14' 5"	8	PVC	5' & 1	0	0			
Sheet Number:										



SMH-K3



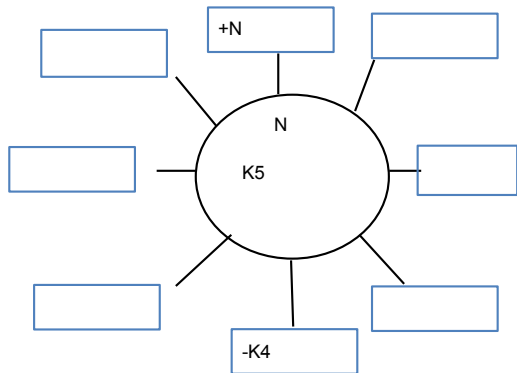
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 138										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: K4 Photo #12										
Street: Kellogg St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 2x4</div> </div>										
General 1.5" riser Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	K5	9' 9"	8	PVC	13'	0	0			
Out	K3	9' 10"	8	PVC	10'	0	0			
Sheet Number:										



SMH-K4



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 260										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: K5 Photo #13										
Street: Kellogg St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 4x20</div> </div>										
General Comments: Two 1.5" risers										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	17' 4"	8	PVC		0	0			Capped off at 6"
Out	K4	17' 5"	8	PVC	13'	0	0.25			
Sheet Number:										



SMH-K5

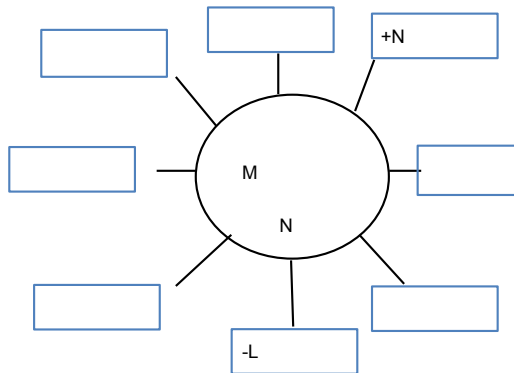


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 169										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: L Photo #13										
Street: 105 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound			Missing mortar at seams, Light mineral deposits					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	4' 6"	4	PVC		0.1				inside drop w/downspout, cannot lamp
In	M	10' 8"	8	PVC	3' & 1	1	0			
Out	K	10' 9"	8	PVC	13'	1.5	0			
Sheet Number:										

SMH-L



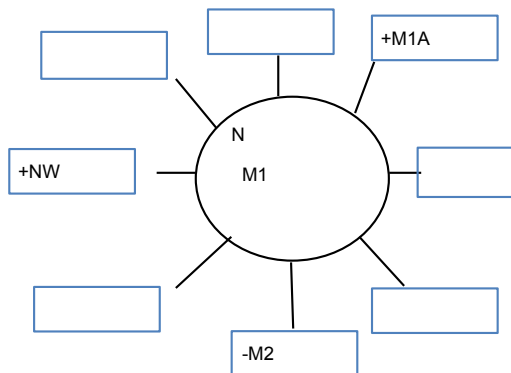
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 163										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M Photo #14										
Street: 99 Danbury Rd. Back left City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
					Grade:		Drainage Area:			
					0.5" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick, block, & Parged	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	9' 3"	8	PVC	3'	1.5	0			
Out	L	9' 4"	8	PVC	3' & 1	1.5	0			
Sheet Number:										



SMH-M



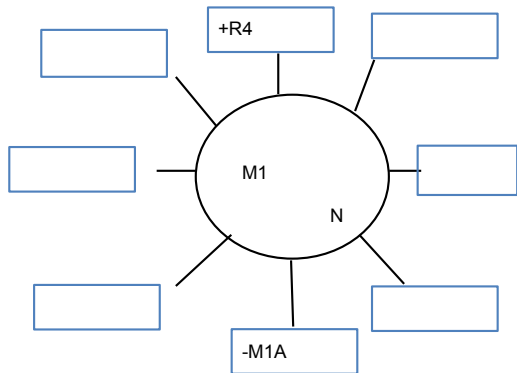
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 173										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M1 Photo #14										
Street: 2 Mulberry St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked/missing pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	6' 1"	2	PVC		0				Inside drop w/downspout. Pipe connection missing mortar.
In	M1A	12' 9"	8	PVC	6'	0.25	0			
Out	M2	12' 10"	8	PVC	13'	0.25	0			
Sheet Number:										



SMH-M1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 173										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M1 Photo #6										
Street: 10 Millstone Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" 4x10										
General 1" riser, corroded										
Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R4	16' 5"	8	ACP	13'	1.5	0.5			
Out	M1A	16' 6"	8	PVC	13'	1.5	0			
Sheet Number:										



SMH-M1 Millstone Ct.

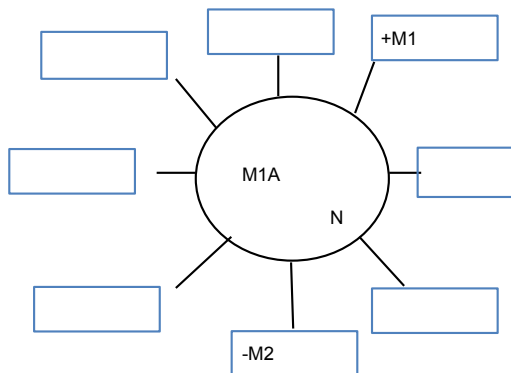


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 237										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M1A Photo #19										
Street: 3 Mulberry St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 5x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled 'N M1A'. It has eight lines radiating from it to rectangular boxes. The top box is labeled '+M1B', the bottom box is labeled '-M1', and the left box is labeled 'N'. The other five boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M1B	10' 9"	8	PVC	13'	0	0.25			
Out	M1	10' 10"	8	PVC	4' & 1	0	0.25			
Sheet Number:										

SMH-M1A

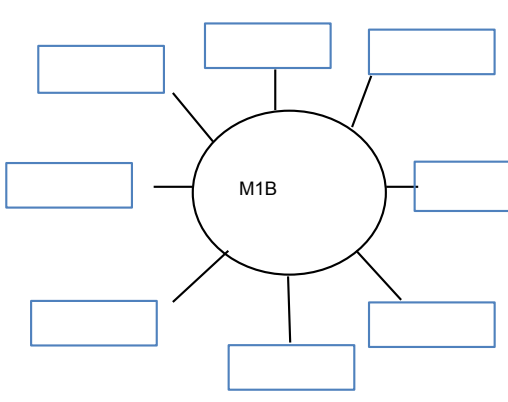


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 48										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M1A Photo #7										
Street: Millstone Ct. SW of pump station City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 3x8										
General Comments: Cracked pavement surrounding manhole										
1" riser, corroded										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M1	10' 3"	8	PVC	13'	0.75	0			
Out	M2	10' 4"	6	PVC	6' & 1	0.75	0			
Sheet Number:										

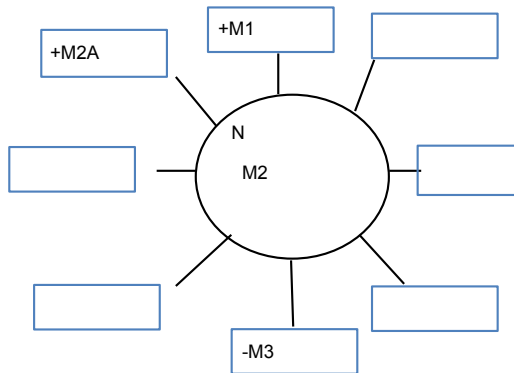


SMH-M1A Millstone Ct.



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NO = Not Opened Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M1B Photo#										
Street: 1 Mulberry St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Grade:</div> <div>Drainage Area:</div> </div> <div>Comments:</div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

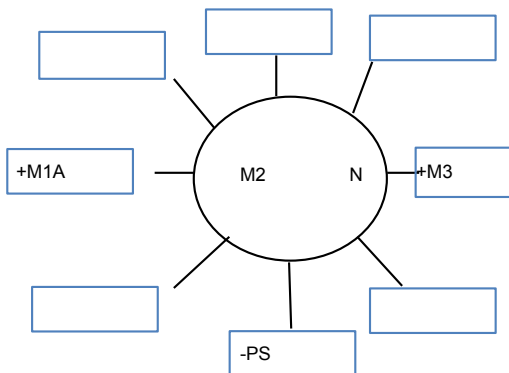
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 236										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M2 Photo #15										
Street: 20 Mulberry Street City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
<div style="display: flex; justify-content: space-between;"> Grade: 0.25" above Drainage Area: 3x4 </div>										
General Comments: Cracked pavement surrounding manhole Cover does not fit frame. Need new cover and frame.										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M2A	7' 6"	8	Cast Iron	10'	0				Inside drop w/downspout. Pipe connection missing mortar.
In	M1	11' 2"	8	Cast Iron	8'	0.25	0			At 8', changes to 8" PVC. Pipe connection missing
Out	M3	17' 1"	8	PVC	13'	1	0.25			
Sheet Number:										



SMH-M2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 31										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M2 Photo #8										
Street: Millstone Ct. At pump station City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 5x8</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M1A	9' 3"	8	PVC	13'	1.5	0.5			
In	M3	9' 3"	8	PVC	13'	2	0			
Out	PS	9' 4"	8	Cast Iron	10'	3	0			
Sheet Number:										



SMH-M2 Millstone Ct.

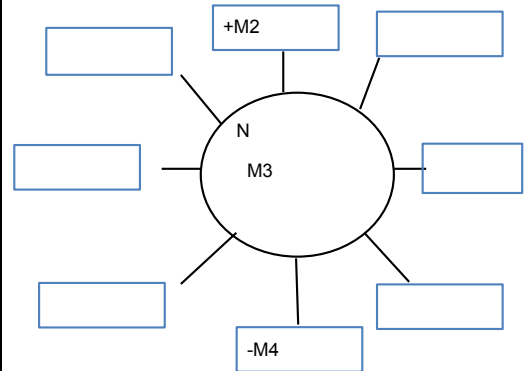


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 236										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M2A Photo #2										
Street: 24 Mulbury St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25 above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift hole, missing mortar. Light roots					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	12' 8"	6	PVC	13'	0	0			At 16', pipe bends right.
Out	M2	12' 9"	8	PVC	13'	0	0			At 3', service connection 12 o'clock
Sheet Number:										

SMH-M2A



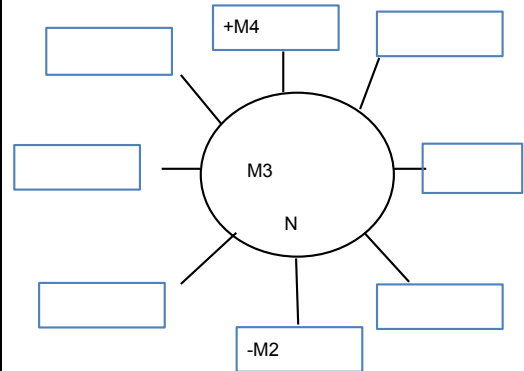
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 139										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M3 Photo #16										
Street: 40 Mulberry St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.75" above</div> <div>2x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Cracked pavement surrounding manhole</div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M2	14' 6"	8	PVC	13'	1.5	0.5			
Out	M4	14' 7"	8	PVC	13'	1.5	0.5			
Sheet Number: _____										



SMH-M3



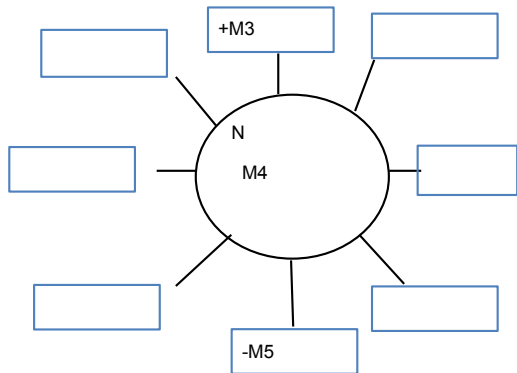
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 38										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M3 Photo #9										
Street: Millstone Ct. N of pump station City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken										
<div style="display: flex; justify-content: space-between;"> Grade: 0.5" above Drainage Area: 2x3 </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken			8" piece missing					
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M4	8' 5"	8	PVC	13'	2.5	0			
Out	M2	8' 6"	8	PVC	13'	2	0			
Sheet Number: _____										



SMH-M3 Millstone Ct.



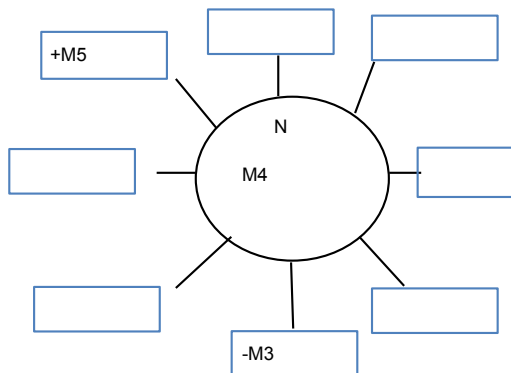
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 121										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M4 Photo #17										
Street: 41 Mulberry St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div> <div style="display: flex; justify-content: space-between;"> 0.5" above 3x5 </div>										
General Comments: <u>Cracked/missing pavement surrounding manhole</u> 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M3	14' 10"	8	PVC	13'	0.75	0			
Out	M5	14' 11"	8	PVC	13'	1	0			
Sheet Number: _____										



SMH-M4



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 65										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M4 Photo #10										
Street: 16 Millstone Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" below</div> <div>Drainage Area: 2x3</div> </div>										
General Comments: 1" riser 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M5	8' 10"	8	PVC	8' and	3	0.25			
Out	M3	8' 11"	8	PVC	13	3	0			
Sheet Number:										



SMH-M4 Millstone Ct.

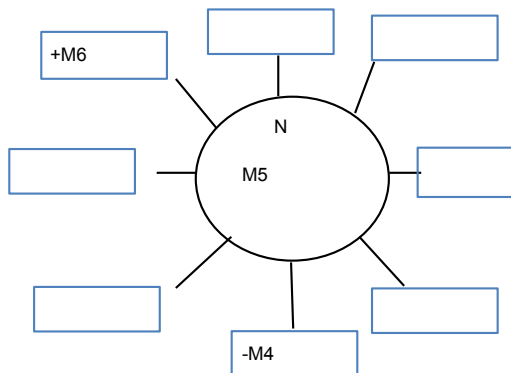


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 40										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M5 Photo #18										
Street: 44 Mulberry St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" above</div> <div>2x4</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="flex: 1; text-align: center;"> <p>The diagram shows a central circle labeled 'M5' with an 'N' at the top. Six lines radiate from the circle to six rectangular boxes. One box at the top is labeled '+M4', and one box at the bottom is labeled '-M6'. The other four boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M4	7' 11"	8	PVC	13'	0.5	0			
Out	M6	8'	8	PVC	13'	0.5	0			
Sheet Number:										

SMH-M5

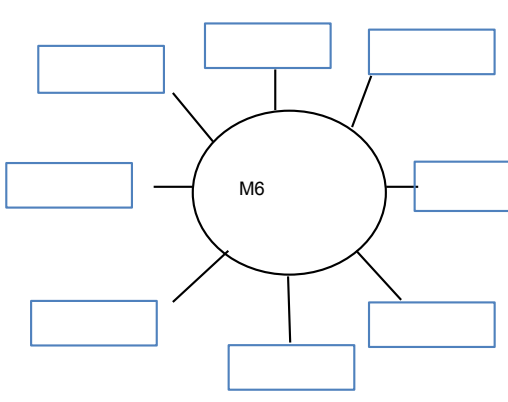


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 41										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M5 Photo #11										
Street: 16 Millstone Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M6	9' 3"	8	PVC	13'	3	0			
Out	M4	9' 4"	8	PVC	13'	3	0			
Sheet Number: _____										

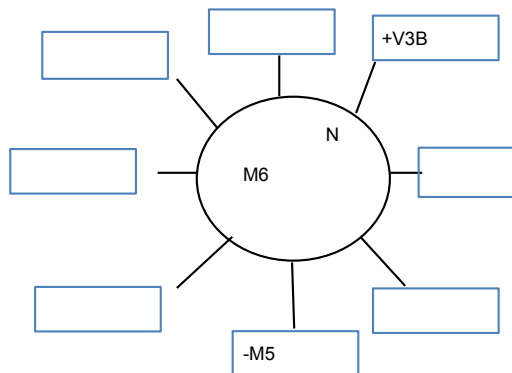


SMH-M5 Millstone Ct.



1. GENERAL INFORMATION											
Inspector: JH, TZ Certificate #: Date: 6/7/2016											
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny											
Inspection Status: NO = Not Opened Ft to Downstream MH:											
GPS Coordinates: Inspection Level: Level 1											
2. LOCATION											
MH/Access Point Number: M6 Photo#											
Street: Mulberry St./Ramapoo Rd. City: Ridgefield, CT											
3. MANHOLE											
Access Type: AMH = Manhole											
5. COVER											
Cover Condition:											
7. MANHOLE COVER ADJUSTMENT RING											
Ring Condition:											
											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade: </td> <td style="width: 40%;">Drainage Area: </td> </tr> </table>										Grade:	Drainage Area:
Grade:	Drainage Area:										
General Comments:											
INTERNAL MANHOLE OBSERVATIONS											
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments						
FRAME											
CHIMNEY											
CONE											
STEPS											
WALLS											
BENCH											
CHANNEL											
Surcharge from Invert: None Evident None Currently ft Marks to ft											
LINE CONDITIONS											
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments	
Sheet Number:											

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 110										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: M6 Photo #1										
Street: Millstone Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: 5" below Drainage Area: 8x 8 </div>										
General Comments: Bolt on cover w/six bolts and water tight gasket										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	V3B	12' 10"	8	PVC	13'	3	0			
Out	M5	12' 11"	8	PVC	13'	3	0			
Sheet Number:										



SMH-M6 Millstone Ct.

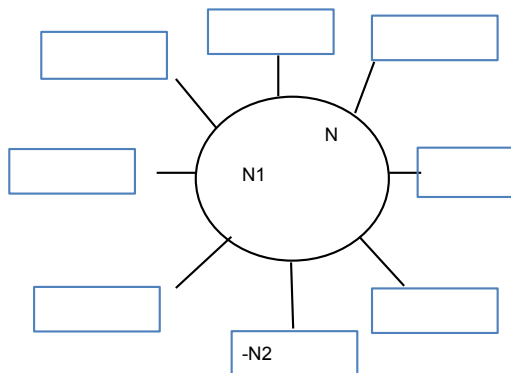


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 119										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: N Photo #15										
Street: 75 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound			Seams missing mortar, moderate mineral deposits					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O	10' 10"	8	PVC	8'	0.5	0			
In	SW	10' 10"	8	PVC	8'	0.25	0			
Out	M	10' 11"	8	PVC	13'	0.75	0			
Sheet Number:										

SMH-N



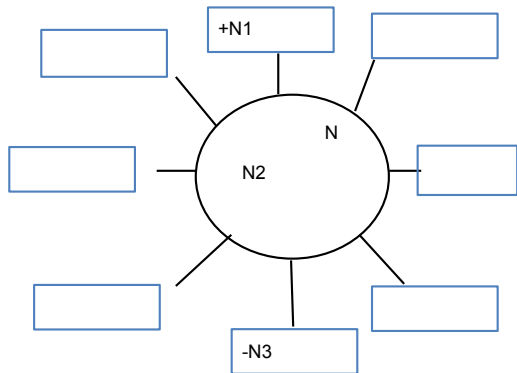
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 117										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: N1 Photo #1										
Street: 2 Nutmeg Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x5</div> </div>										
General Comments: 2" riser and 1.5" riser.										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	N2	10' 4"	8	PVC	5' & 8'	0	0			At 13', service connection 3 o'clock
Sheet Number:										



SMH-N1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 177										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: N2 Photo #2										
Street: 8 Nutmeg Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 3x6										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Missing mortar, rebar showing.					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N1	7' 3"	8	PVC	13'	0	0			
Out	N3	7' 4"	8	PVC	13'	0	0			
Sheet Number:										



SMH-N2

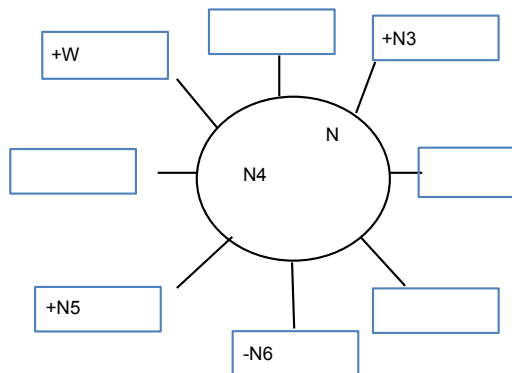


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 168										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: N3 Photo #3										
Street: 16 Nutmeg Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.25" below 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Two 1.5" risers and one 2" riser</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled 'N3'. It has eight lines radiating from it to rectangular boxes. The top box is labeled '+N2', the bottom box is labeled '-N4', and the other six boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N2	16' 7"	8	PVC	13'	0	0			
Out	N4	16' 8"	8	ACP	5' & 1	0	0			
Sheet Number:										

SMH-N3



1. GENERAL INFORMATION										
Inspector: JH,NTZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 105										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: N4 Photo #4 & 5										
Street: 28 Nutmeg Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 4x10										
General 1.5" riser and 2" riser										
Comments: Pre cast ring at 9' 5"										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N5	7' 4"	8	PVC	13'	0.1	0			Inside drop w/downspout. Pipe connection missing mortar.
In	W	5' 3"	2	PVC		0	0			Cannot lamp. 90 degree elbow w/downspout
In	N3	21' 9"	8	ACP	13'	0.1	0			
Out	N6	21' 10"	8	ACP	3' & 1	0.2	0			
Sheet Number:										



SMH-N4 TOP



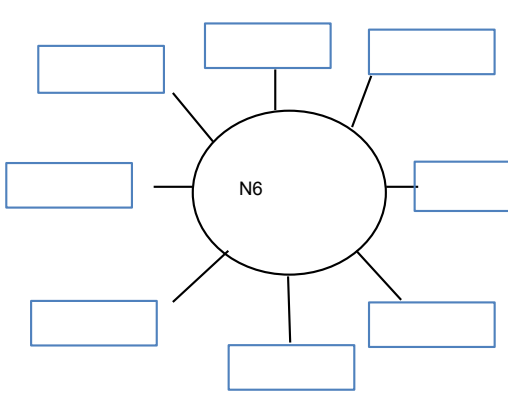
SMH-N4 BOTTOM

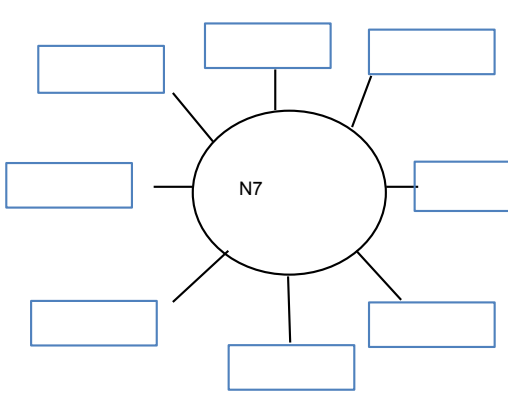


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 81										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: N5 Photo #6										
Street: 22 Nutmeg Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Two 1.5" risers and one 2" riser</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	N4	7' 8"	8	PVC	6'	0	0			At 12', service connection 9 o'clock
Sheet Number:										

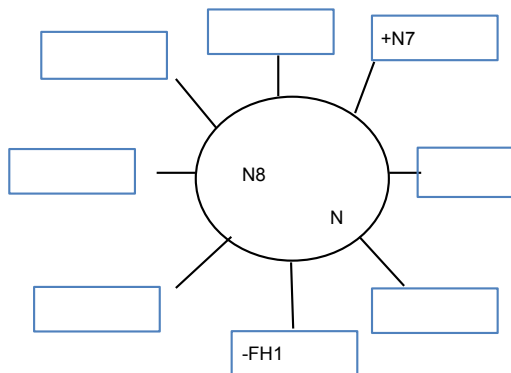
SMH-N5



1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/12/2016												
Purpose of Survey: Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: N6 Photo#												
Street: 23 Nutmeg Ct. City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade: </td> <td style="width: 40%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/12/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: N7 Photo#												
Street: 13 Farm Hill Rd. City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

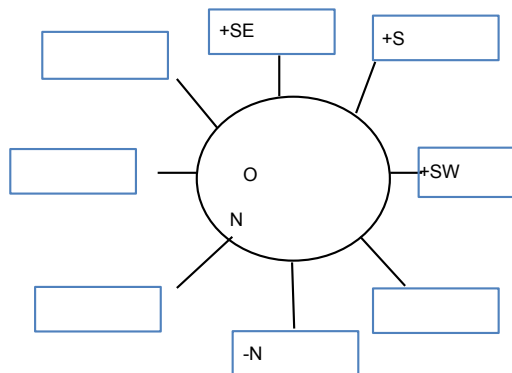
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 296										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: N8 Photo #3										
Street: City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound Ay										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments: Bolt on cover w/six bolts and water tight gasket										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N7	12' 7"	8	PVC	8'	0	0			
Out	FH1	12' 8"	8	PVC	13'	0	0			
Sheet Number:										



SMH-N8



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 101										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O Photo #16										
Street: 75 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn 0.75" above 2x2										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	6' 1"	6	PVC	10'	0	0			At 4', pipe starts bending up
In	S	6' 1"	6	PVC	10'	0.25	0			At 10', pipe starts bending up
In	SW	6' 1"	6	PVC	10'	0.25	0			At 10' pipe starts bending up
Out	N	6' 2"	8	PVC	6'	0.5	0			
Sheet Number:										



SMH-O



2016 RIDGEFIELD MANHOLE INSPECTION REPORT

Prepared for:

AECOM
250 Apollo Drive
Chelmsford, MA 01824

Prepared by:

EST Associates, Inc.
51 Fremont Street
Needham, MA 02494

Book 2
Manhole ID: 02-9C

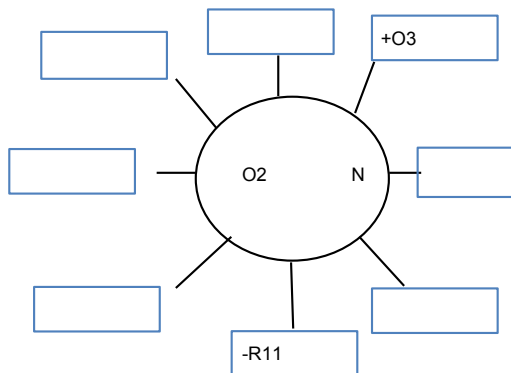
**2016 Manhole Inspections
Ridgefield, CT
Book 2
Manhole ID: 02-9C**

Manhole ID	Photo ID	Address
O2	5	Overlook Dr. NW of Ramapoo Rd.
O3	4	9 Overlook Dr.
O4	3	9 Overlook Dr.
O5	2	Overlook Dr.
O6	1	20 Overlook Dr.
O7	19	20 Overlook Dr.
O8		20 Overlook Dr.
O9	20	20 Overlook Dr.
O10	18	31 Overlook Dr.
O11	17	45 Overlook Dr.
O12	16	45 Overlook Dr.
O12A	15	49 Overlook Dr.
O13	14	55 Overlook Dr.
O14	13	61 Overlook Dr.
O15	12	67 Overlook Dr.
O16	11	67 Overlook Dr.
O17	10	66 Overlook Dr.
O18	8 and 9	76 Overlook Dr.
O19	6 and 7	80 Overlook Dr.
PL1003		125 Danbury Rd. Behind Stop&Shop
PL1003A	18	125 Danbury Rd. Behind Stop&Shop
PL1003B	20	11 Lafayette Ave.
PL1003C	19	3 Lafayette Ave.
PL1003D		13 Lafayette
R1	20	Ramapoo Rd./Overlook Dr.
R2	19	72 Ramapoo Rd.
R 3	18	70 Ramapoo Rd.
R4	17	Ramapoo Rd./Millstone Ct.
R5	16	55 Ramapoo Rd.
R5.1	15	51 Ramapoo Rd.
R5.2	5	51 Ramapoo Rd.
R5.3	4	50 Ramapoo Rd.

R7	14	50 Ramapoo Rd.
R8	13	47 Ramapoo Rd.
R8.1	12	40 Ramapoo Rd.
R10	10	34 Ramapoo Rd.
R11	11	34 Ramapoo Rd.
R12	9	29 Ramapoo Rd.
R13	8	21 Ramapoo Rd.
R14	7	4 Ramapoo Rd.
R15	9	Ramapoo Rd./Mullberry St.
R19	8	147 Ramapoo Rd.
R20	7	147 Ramapoo Rd.
R20A		41 Mulbury St.
R20B	2	144 Ramapoo Rd
R20C		130 Ramapoo Rd.
R20D		126 Ramapoo Rd.
R20E		116 Ramapoo Rd.
R21	6	138 Ramapoo Rd.
R22	5	130 Ramapoo Rd.
R23	4	126 Ramapoo Rd.
R24	3	118 Ramapoo Rd.
R25	2	116 Ramapoo Rd.
R26	23	Ramapoo Rd./Kellogg St.
R26.1	1	110 Ramapoo Rd.
R27	22	Ramapoo Rd./Victor Dr.
R28	21	82 Ramapoo Rd.
RC1	1	193 Danbury Rd.
RC2		193 Danbury Rd.
RC3	2	193 Danbury Rd.
RC4	3	193 Danbury Rd.
RH1	15	2 Ramapoo Hill Rd.
RH2	14	5 Ramapoo Hill Rd.
RH3	13	12 Ramapoo Hill Rd.
RH4	12	19 Ramapoo Hill Rd.
S1	9	South St./Danbury Rd.
SS2	4	63 Sunset Ln.
SS2.1	5	73 Sunset Ln.
SS3	6	77 Sunset Ln.
SS3.1	7	Sunset Ln.
SS4	8	85 Sunset Ln.
SS5		Sunset Ln/Prospect St.
SS6	10	1 Prospect St.
SS6.1	9	1 Prospect St.
SS6.2	7	19 Prospect Ridge unit 27 rear

V1	3	5 Victor Dr.
V2	4	7 Victor Dr.
V3	5	17 Victor Dr
V3A		17 Victor Dr.
V3B		70 Ramapoo Rd.
1	5	Back of Waste Water Treatment Plant
1.1	4	Back of Waste Water Treatment Plant
2	6	Back of Waste Water Treatment Plant
3	5	66 Grove St.
4	4	66 Grove St.
5	3	66 Grove St. Unit
5A		66 Grove St. Unit 1
5B	2	66 Grove St. Unit 4
5B.1	1	66 Grove St. Unit 7
5C	7	66 Grove St. Unit 14
5D	8	66 Grove St. Unit 20
6	7	66 Grove St
7	12	7-10 Keeler Close
8		520 Main St. Near brook
8A	11	5 Keeler Close
8B	11	520 Main St. Near Brook
8C	21	7-10 Cooks Close
8D	20	7-10 Cook Close
8E	19	12-15 Carpenter Close
9	9	520 Main St. Near brook
9A	17	520 Main St. Unit 9 Rear
9B	15	520 Main St. Unit 9
9C	16	520 Main St. Unit 17

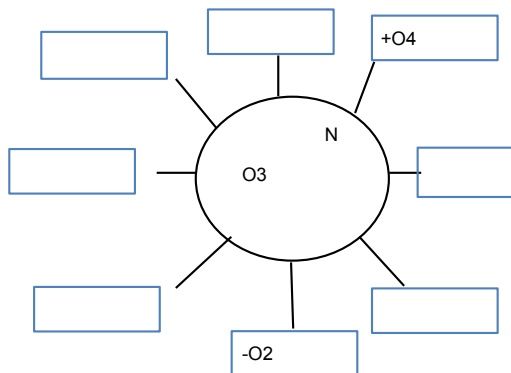
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 101										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O2 Photo #5										
Street: Overlook Dr. NW of Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x6</div> </div>										
General Comments: 1.5" riser and 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O3	12' 7"	8	PVC	1' & 1	1	0			At 2', service connection 12 o'clock
Out	R11	12' 8"	8	PVC	5' & 1	1	0			
Sheet Number:										



SMH-02



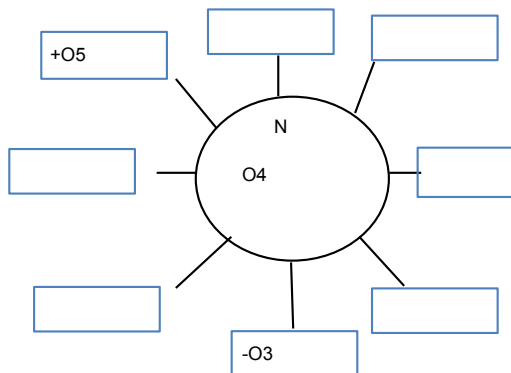
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 69										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O3 Photo #4										
Street: 9 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" Below</div> <div>Drainage Area: 3x5</div> </div>										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O4	8' 6"	8	PVC	4' & 1	0.5	0			At 4', service connection 12 o'clock
Out	O2	8' 7"	8	PVC	10'	0.5	0			
Sheet Number:										



SMH-03



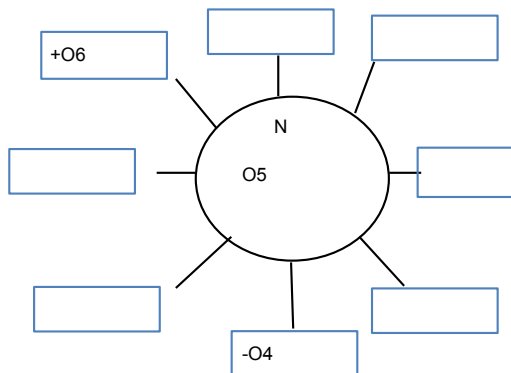
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 72										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O4 Photo #3										
Street: 9 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" below		10x40			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Offset 3"					
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O5	7' 9"	8	PVC	13'	0.25"	0			
Out	O3	7' 10"	8	PVC	3' & 1	0.2	0			
Sheet Number:										



SMH-04



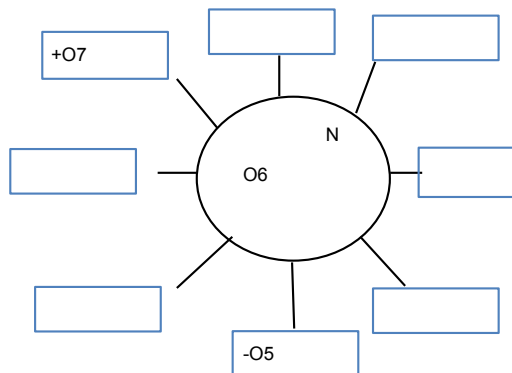
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 119										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O5 Photo #2										
Street: Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x4</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General 1.5" riser</div> <div></div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O6	10' 2"	8	PVC	13'	0.1	0			
Out	O4	10' 3"	8	PVC	6' & 1	0.1	0			
Sheet Number: _____										



SMH-05



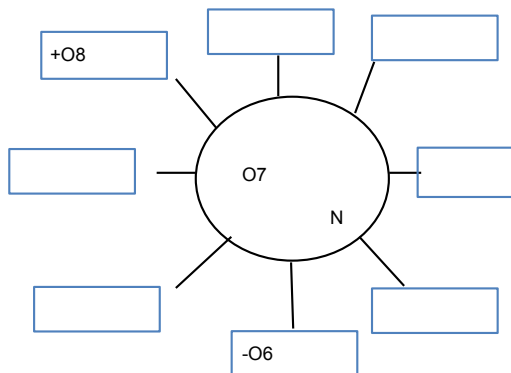
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 79										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O6 Photo #1										
Street: 20 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 2x8										
General Comments: 1.5" riser and 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O7	10' 5"	8	PVC	5' & 1	0.1	0			
Out	O5	10' 6"	8	PVC	13'	0.1	0			
Sheet Number:										



SMH-06



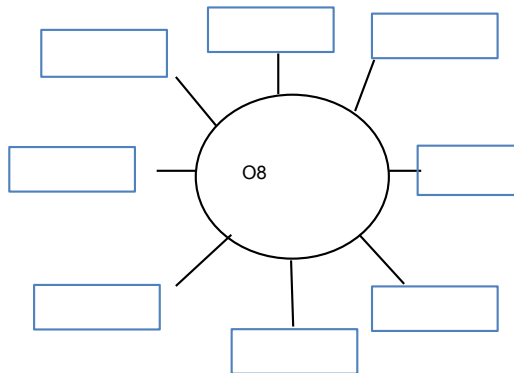
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 50										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 07 Photo #19										
Street: 20 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" below 2x6										
General Comments: 1.5" riser and 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Pitted								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O8	11' 9"	8	PVC	3' & 1	0	0			At 3', service connection 12 o'clock. At 13', can see brick invert.
Out	O6	11' 10	8	Conc	2' & 1	0	0			
Sheet Number:										



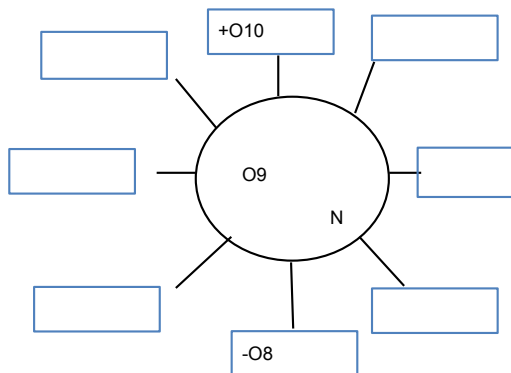
SMH-07



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O8 Photo#										
Street: 20 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



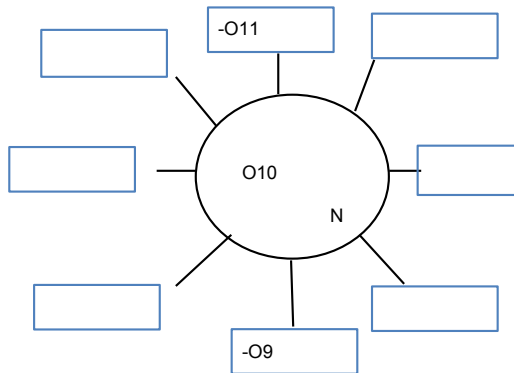
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 73										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O9 Photo #20										
Street: 20 Overlook Dr City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> 1.5" riser and 2" riser Footage to Manhole O7. Manhole O8 not found. </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O10	12' 10"	8	PVC	13'	0	0			
Out	O8	12' 11"	8	PVC	13'	0	0			
Sheet Number:										



SMH-09



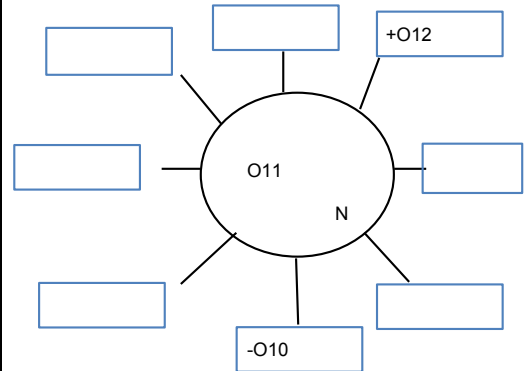
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 276										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O10 Photo #18										
Street: 31 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x4</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General 1.5" riser</div> <div></div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O11	9' 7"	8	PVC	13'	0	0			
Out	O9	9' 8"	8	PVC	13'	0	0			
Sheet Number: _____										



SMH-O10



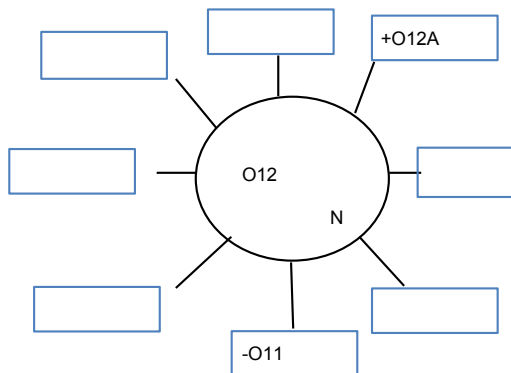
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 226										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O11 Photo #17										
Street: 45 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken										
Grade: Drainage Area:										
0.25" below 2x4										
General Comments: 1.5" riser and 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Loose mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O12	8'	8	PVC	13'	0.1	0			Inside drop w/ downspout. Pipe connection missing mortar.
Out	O10	12'	8	PVC	5' & 1	0.1	0			
Sheet Number:										



SMH-O11



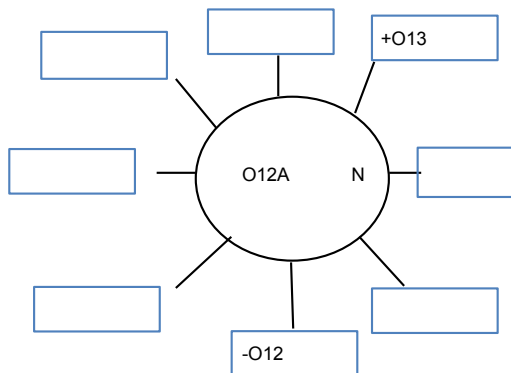
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 86										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O12 Photo #16										
Street: 45 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.25" below 2x4										
General 1.5" riser and 2" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O12A	9' 8"	8	PVC	4'	0	0			At 4', service connection 9 o'clock
Out	O11	9' 9"	8	PVC	13'	0	0			
Sheet Number:										



SMH-O12



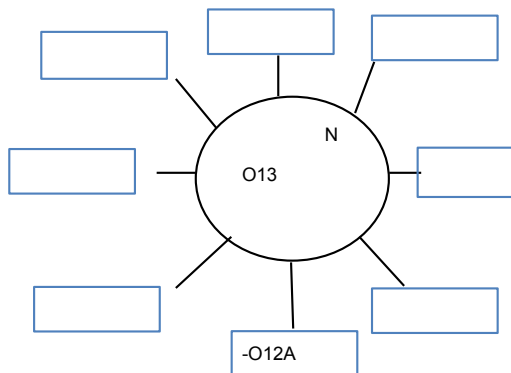
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 81										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O12A Photo #15										
Street: 49 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		2x5			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	D = Defective								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound			8" of asphalt in one spot.					
CHANNEL	Brick	S = Sound			1" of rock and rubble					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O13	9' 3"	8	PVC	2' & 1	0	0			At 2', service connection 9 o'clock
Out	O12	9' 4"	8	PVC	13'	0	0.5			Debris extends 2' into pipe.
Sheet Number:										



SMH-O12A



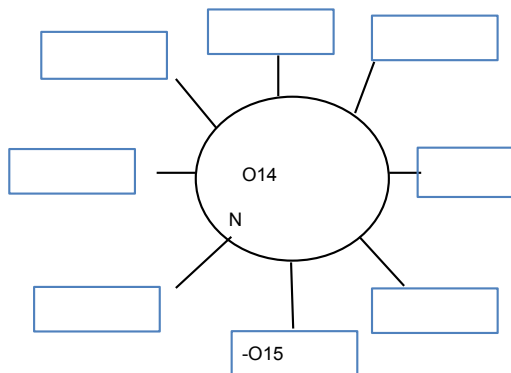
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 127										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O13 Photo #14										
Street: 55 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.25" 2x8										
General Comments: 1.5" riser and 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	O12A	9' 8"	8	PVC	4' & 1	0	0.25			At 4', service connection 3 o'clock
Sheet Number:										



SMH-O13



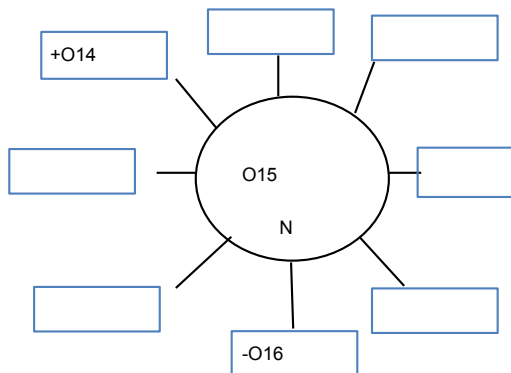
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 87										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O14 Photo #13										
Street: 61 overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x5</div> </div>										
General Comments: 1.5" and 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Offset 3" from chimney					
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Missing mortar. Rebar showing					
BENCH	Brick	S = Sound			1" of dirt					
CHANNEL	Brick	S = Sound			1" of dirt					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	O15	9'	8	PVC	1' & 1	0	0.5			At 1', service connection 9 o'clock
Sheet Number:										



SMH-O14



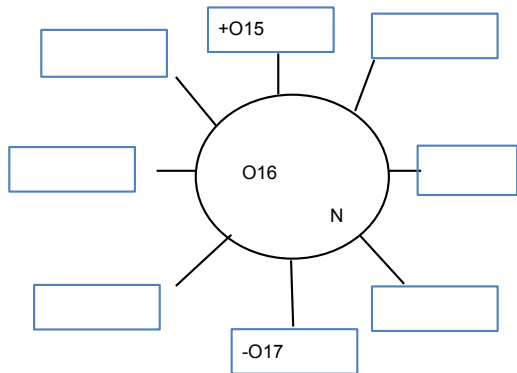
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 98										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O15 Photo #12										
Street: 67 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x8</div> </div>										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O14	11' 5"	8	PVC	13'	0	0			
Out	O16	11' 6"	8	PVC	13'	0	0			
Sheet Number:										



SMH-O15



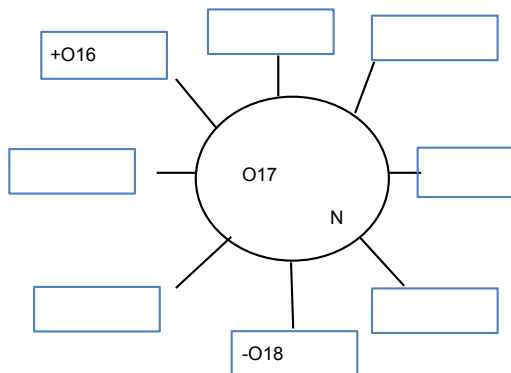
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 82										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O16 Photo #11										
Street: 67 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x7</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General 1.5" riser</div> <div></div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O15	9' 3"	8	PVC	13'	0	0			
Out	O17	9' 4"	8	PVC	6'	0	0			At 7', service connection 3 o'clock
Sheet Number: _____										



SMH-O16



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 82										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O17 Photo #10										
Street: 66 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" below 3x5										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Missing mortar. Rebar showing					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O16	7' 9"	8	PVC	13'	0	0			
Out	O18	7' 10"	8	PVC	13'	0	0			
Sheet Number:										



SMH-O17



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 163										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O18 Photo #8 and 9										
Street: 76 Overlook Dr City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Two 1.5" risers and one 2" riser</p> <p>Comments: Pre cast ring at 13'</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O17	25' 10"	8	ACP	8'	0.1	0			Inside drop w/downspout. At 8' changes to 8" PVC. At 9', service connection 9 o'clock. Pipe connection missing mortar.
In	FH1	25' 10"	8	ACP	13'	0.25	0			
Out	O19	25' 11"	8	ACP	13'	0.25	0			
Sheet Number:										

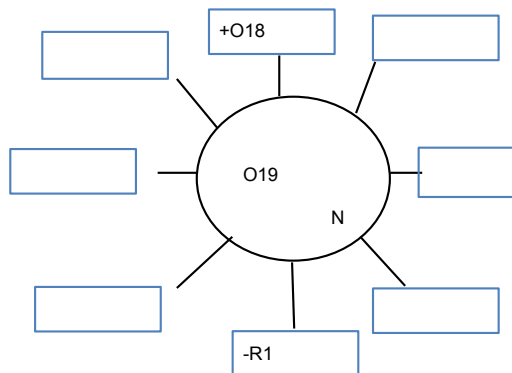
SMH-O18 TOP



SMH-O18 BOTTOM



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 297										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: O19 Photo #6 and 7										
Street: 80 Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x7</div> </div>										
General 1.5" riser and 2" riser Comments: Pre cast ring at 11' 8"										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	O18	23' 2"	8	ACP	13'	0.5	0.25			
Out	R1	23' 3"	8	ACP	13'	0.5	0			
Sheet Number:										

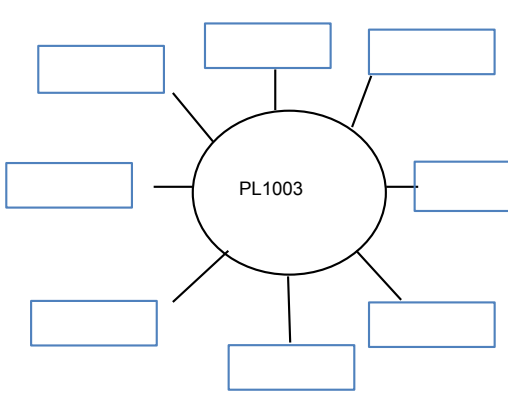


SMH-O19 BOTTOM



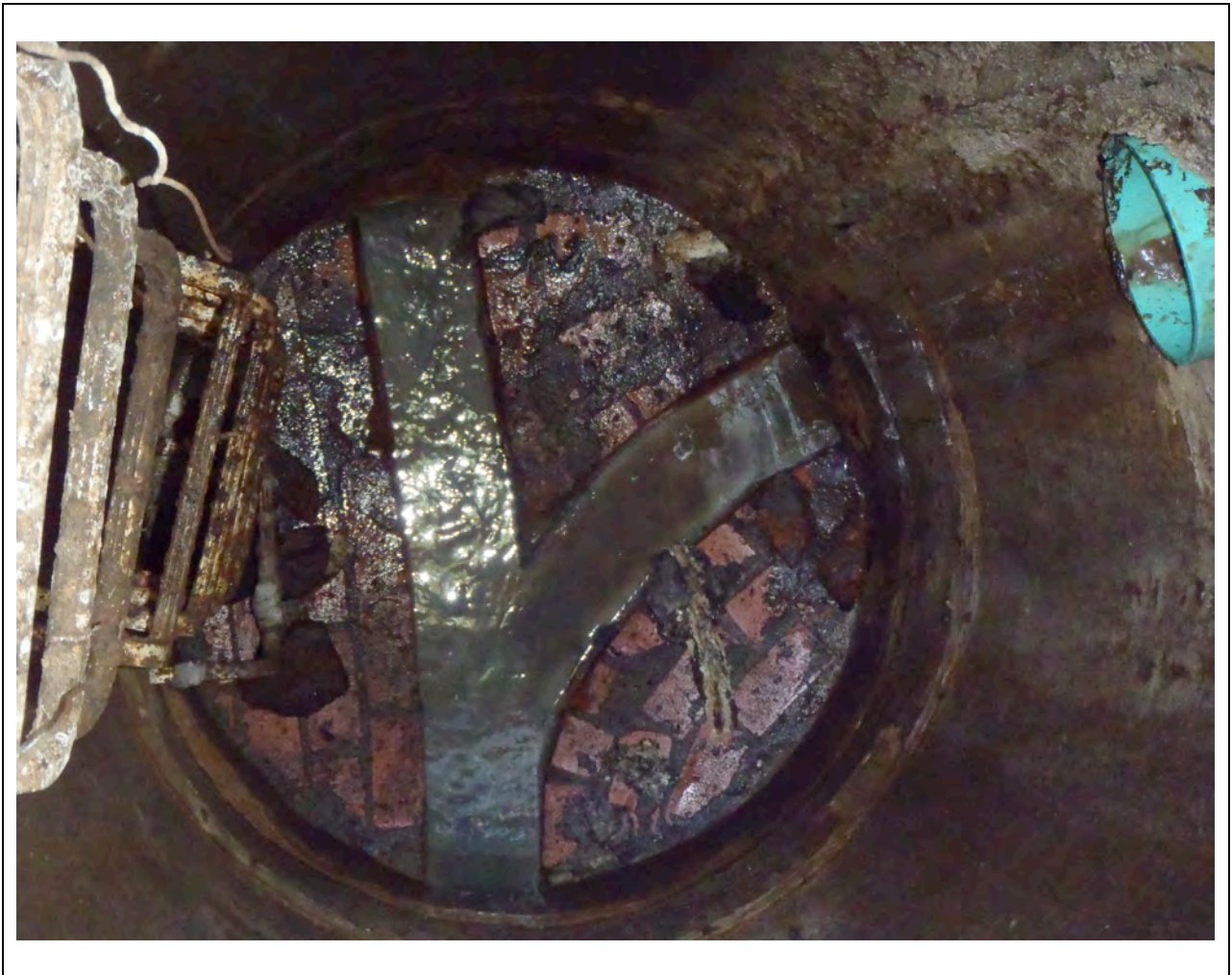
SMH-O19 TOP



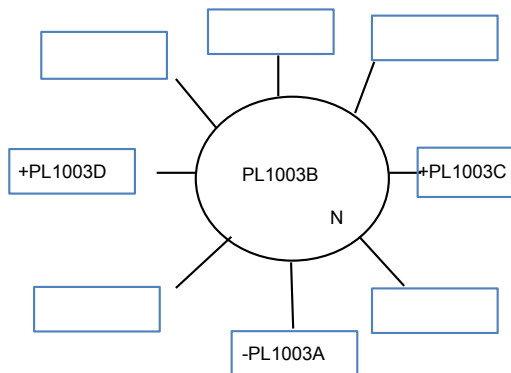
1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/23/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: PL1003 Photo#												
Street: 125 Danbury Rd. Behind Stop&Shop City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 118										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: PL1003A Photo #18										
Street: 125 Danbury Rd. Behind Stop & Shop City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	651A	12' 8"	8	PVC	13'	2	0.5			
In	PL1003	7'	8	PVC	4'	0.1	0			At 4', pipe starts bending up. Outside drop
Out	PL1003	12' 9"	8	PVC	6' & 1	2	0.5			
Sheet Number:										

SMH-PL1003A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 75										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: PL1003B Photo #20										
Street: 11 Lafayette Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	PL1003	5' 4"	8	PVC	6'	0	0			
In	PL1003	5' 4"	8	PVC	6'	0	0			
Out	PL1003	5' 5"	8	PVC	8'	0	0			
Sheet Number:										



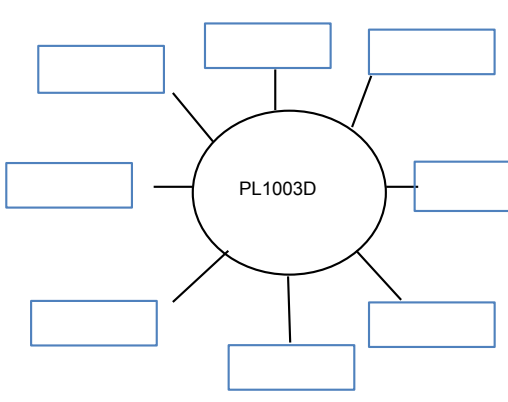
SMH-PL1003B



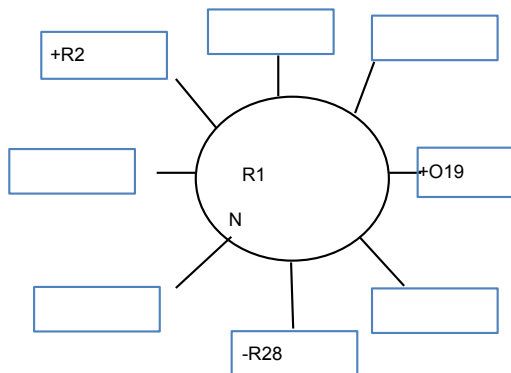
1. GENERAL INFORMATION										
Inspector: <u>zJH,TZ</u> Certificate #: _____ Date: <u>5/23/2016</u>										
Purpose of Survey: <u>I = Sewer System Evaluation Survey</u> Weather: <u>Sunny</u>										
Inspection Status: <u>DI = Descent Inspection</u> Ft to Downstream MH: <u>265</u>										
GPS Coordinates: _____ Inspection Level: <u>Level 1</u>										
2. LOCATION										
MH/Access Point Number: <u>PL1003C</u> Photo# <u>19</u>										
Street: <u>3 Lafayette Ave.</u> City: <u>Ridgefield, CT</u>										
3. MANHOLE										
Access Type: <u>AMH = Manhole</u>										
5. COVER										
Cover Condition: <u>Sound</u>										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: <u>Sound</u>										
<div style="display: flex; justify-content: space-between;"> Grade: _____ Drainage Area: _____ </div>										
<div style="display: flex; justify-content: space-between;"> 1" above 2x2 </div>										
<div style="display: flex; justify-content: space-between;"> <div> <p>General _____</p> <p>Comments: _____</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound			1" of dirt					
Surcharge from Invert: <u>None</u> Evident <u>None</u> Currently _____ ft Marks to _____ ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	PL1003	6' 3"	8	PVC	2' & 1	0	1			At 3', service connection 3 o'clock
Sheet Number: _____										

SMH-PL1003C



1. GENERAL INFORMATION														
Inspector: JH, TZ Certificate #: Date: 5/23/2016														
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny														
Inspection Status: NF = Not Found Ft to Downstream MH:														
GPS Coordinates: Inspection Level: Level 1														
2. LOCATION														
MH/Access Point Number: PL1003D Photo#														
Street: 13 Lafayette City: Ridgefield, CT														
3. MANHOLE														
Access Type: AMH = Manhole														
5. COVER														
Cover Condition:														
7. MANHOLE COVER ADJUSTMENT RING														
Ring Condition:														
														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>											Grade:	Drainage Area:		
Grade:	Drainage Area:													
General Comments:														
INTERNAL MANHOLE OBSERVATIONS														
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments									
FRAME														
CHIMNEY														
CONE														
STEPS														
WALLS														
BENCH														
CHANNEL														
Surcharge from Invert: None Evident Currently ft Marks to ft														
LINE CONDITIONS														
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments				
Sheet Number:														

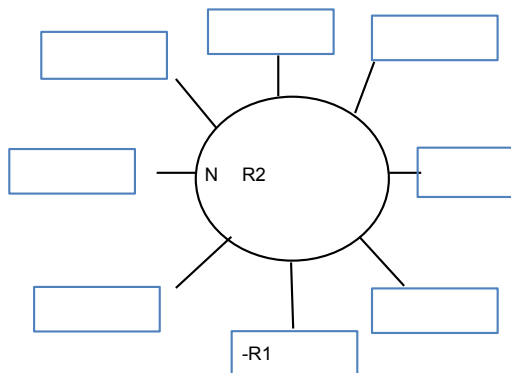
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 275										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R1 Photo #20										
Street: Ramapoo Rd./Overlook Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> 1.5" riser </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R2	14' 1"	8	Cast Iron	10'	0	0			Inside drop w/downspout. At 10', changes to 8" PVC. Pipe connection missing mortar.
In	O19	8' 2"	8	Cast Iron	10'	1.25	0			
Out	R28	14' 2"	8	PVC	6'	1	0			
Sheet Number:										



SMH-R1



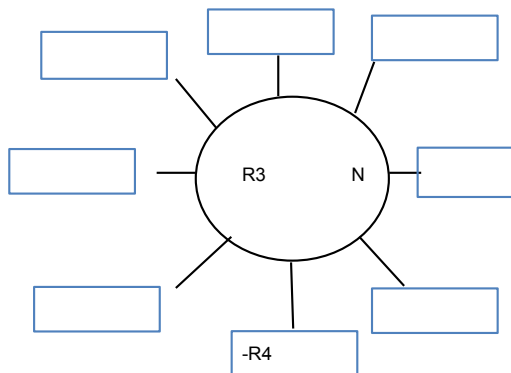
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 88										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R2 Photo #19										
Street: 72 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> 1.5" riser </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and chimney					
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	-R1	9'	8	PVC	3'	0	0.75			At 4', service connection 10 o'clock
Sheet Number:										



SMH-R2



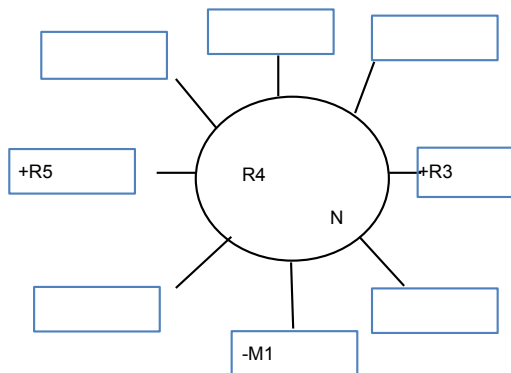
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 164										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R 3 Photo #18										
Street: 70 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x5</div> </div>										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and cone					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	R4	6' 2"	8	PVC	8'	0	0.5			At 2' service connection 2 o'clock
Sheet Number:										



SMH-R3



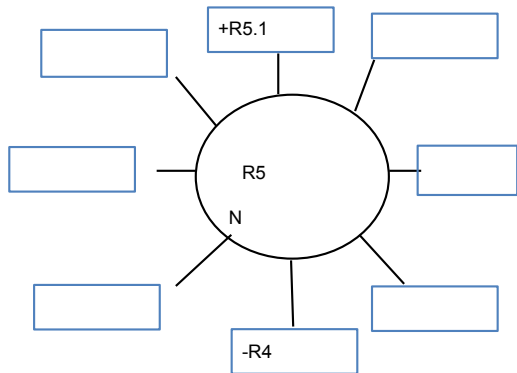
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 89										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R4 Photo #17										
Street: Ramapoo Rd./Millstone Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x7</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General Comments: 1.5" riser</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast rings	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R5	8'	8	ACP	13'	1	0			
In	R3	19' 10"	8	Cast Iron	20'	0	0			Pipe connection missing mortar. Inside drop w/do
Out	M1	19' 11"	8	ACP	13'	1	0			
Sheet Number:										



SMH-R4



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 97										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R5 Photo #16										
Street: 55 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x6</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General 1.5" riser</div> <div></div> </div>										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R5.1	13' 3"	8	PVC	13'	1	0			
Out	R4	13' 4"	8	ACP	10'	1	0			
Sheet Number:										

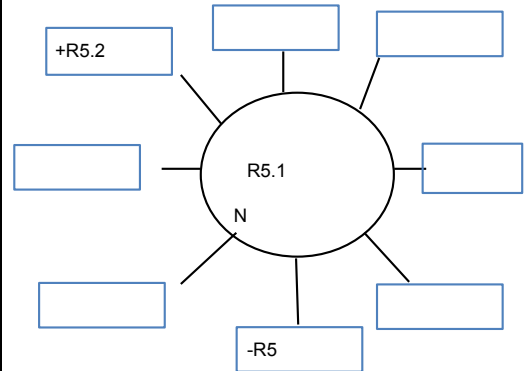




SMH-R5



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 86										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R5.1 Photo #15										
Street: 51 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 3x5										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R5.2	11' 7"	8	PVC	13'	1.5	0.5			
Out	R5	11' 8"	8	PVC	13'	1.25	0.5			
Sheet Number:										



SMH-R5.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 19										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R5.2 Photo #5										
Street: 51 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At Drainage Area: N/a										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Bolt on cover w/six bolts and water tight gasket</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R5.3	9' 9"	8	PVC	2' & 6'	0.75	0.25			
Out	R5.1	9' 10"	8	PVC	3' & 1'	0.75	0			
Sheet Number:										

SMH-R5.2

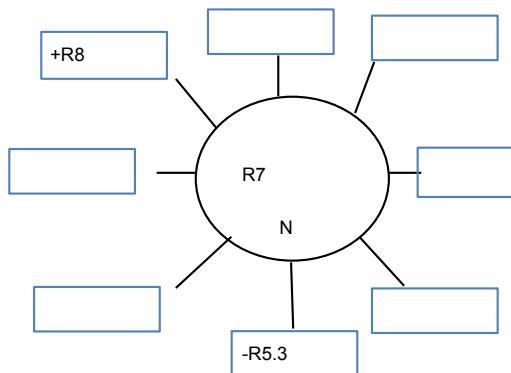


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 57										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R5.3 Photo #4										
Street: 50 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" above N/a										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Bolt on cover w/six bolts and water tight gasket</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled 'R5.3' with a 'N' (North) indicator. Eight lines radiate from the circle to eight rectangular boxes. The top-right box is labeled '+R7' and the bottom box is labeled '-R5.2'. The other six boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R7	9' 9"	8	PVC	13'	2	0			
Out	R5.2	9' 10"	8	PVC	13'	1.5	0			
Sheet Number:										

SMH-R5.3



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 29										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R7 Photo #14										
Street: 50 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x5</div> </div>										
General Comments: 1.5" riser.										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R8	10' 8"	8	PVC	2'	1	0			At 3', service connection 9 o'clock. At 4', service connection 9 o'clock.
Out	R5.3	10' 9"	8	PVC	5'	1	0.5			
Sheet Number:										

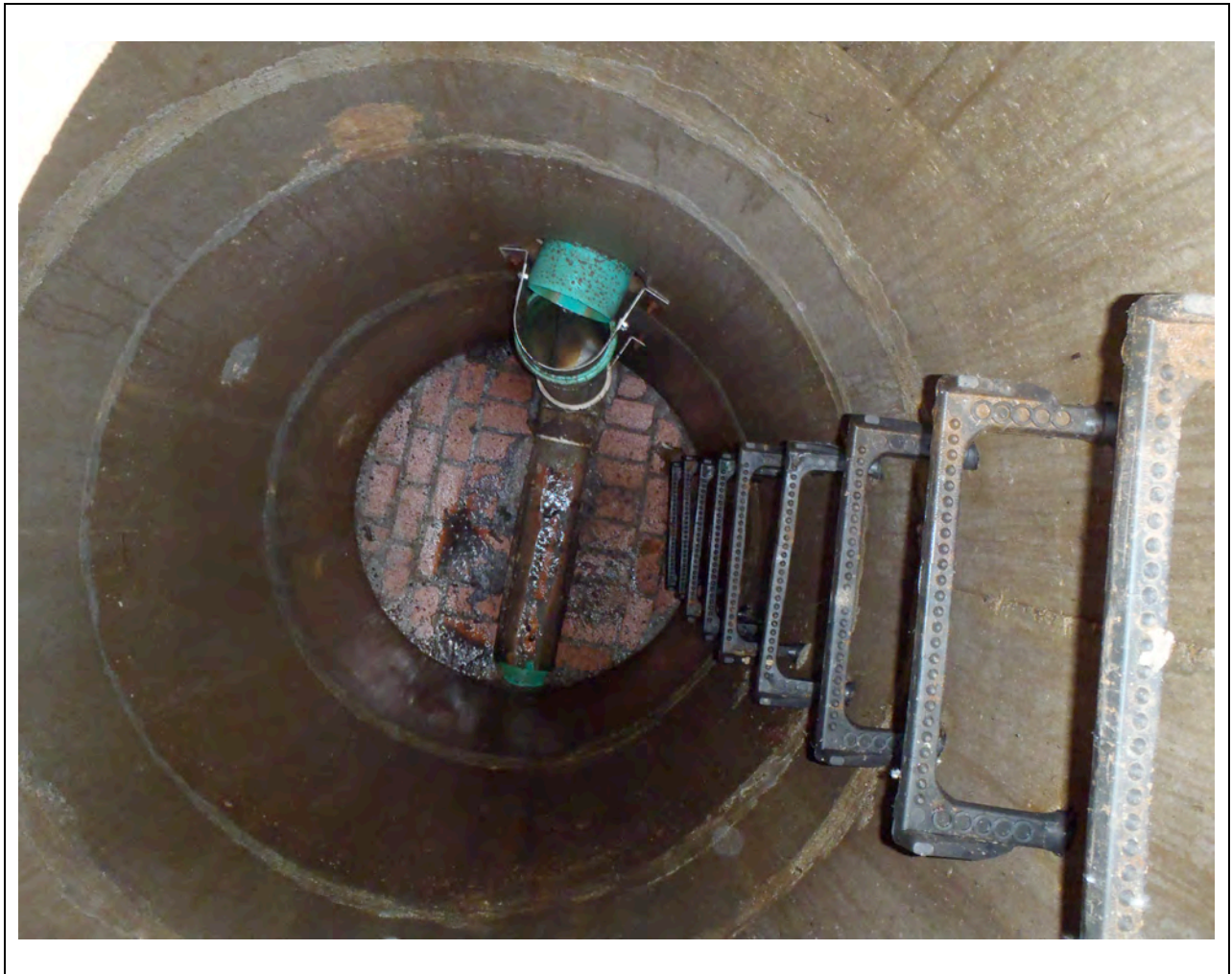


SMH-R7



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 91										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R8 Photo #13										
Street: 47 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" below</div> <div>2x5</div> </div>										
<p style="text-align: center;">R8 N</p>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R8.1	8' 7"	8	PVC	8'	0.5	0			Pipe connection missing mortar. Inside drop w/ downspout.
Out	R7	12' 11"	8	Conc		0.5	0			At 1', service connection 3 o'clock. At 2', service connection 3 o'clock.
Sheet Number:										

SMH-R8

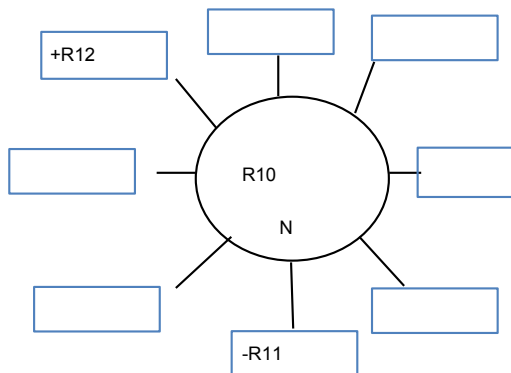


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 82										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R8.1 Photo #12										
Street: 40 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cover seems small for frame</u></p> </div> <div style="text-align: center;"> </div> <div> <p>Grade: Drainage Area:</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	AH6	9' 7"	8	PVC	13'	0.1	0			Pipe connection missing mortar
In	R11	9' 7"	8	PVC	13'	1	0			
Out	R8	9' 8"	8	PVC	13'	0.5	0			
Sheet Number:										

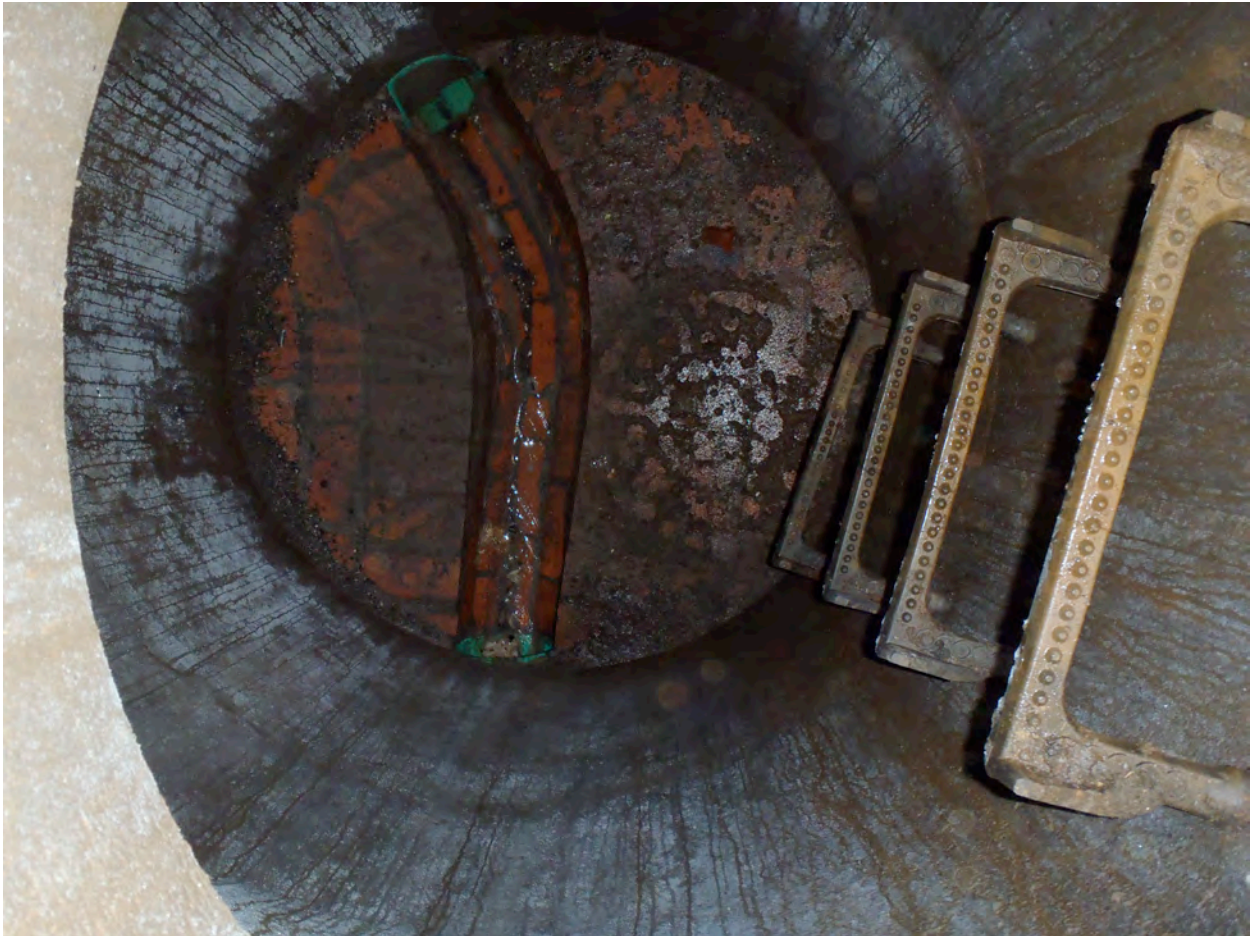
SMH-R8.1



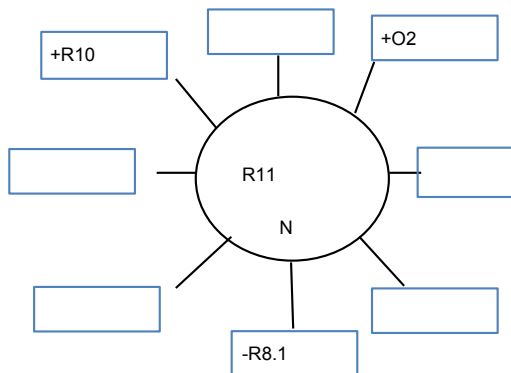
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 63										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R10 Photo #10										
Street: 34 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" below 3x7										
General 2" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R12	8'	8	PVC	13'	0.25	0			
Out	R11	8' 1"	8	PVC	3' & 1	0.25	0			
Sheet Number:										



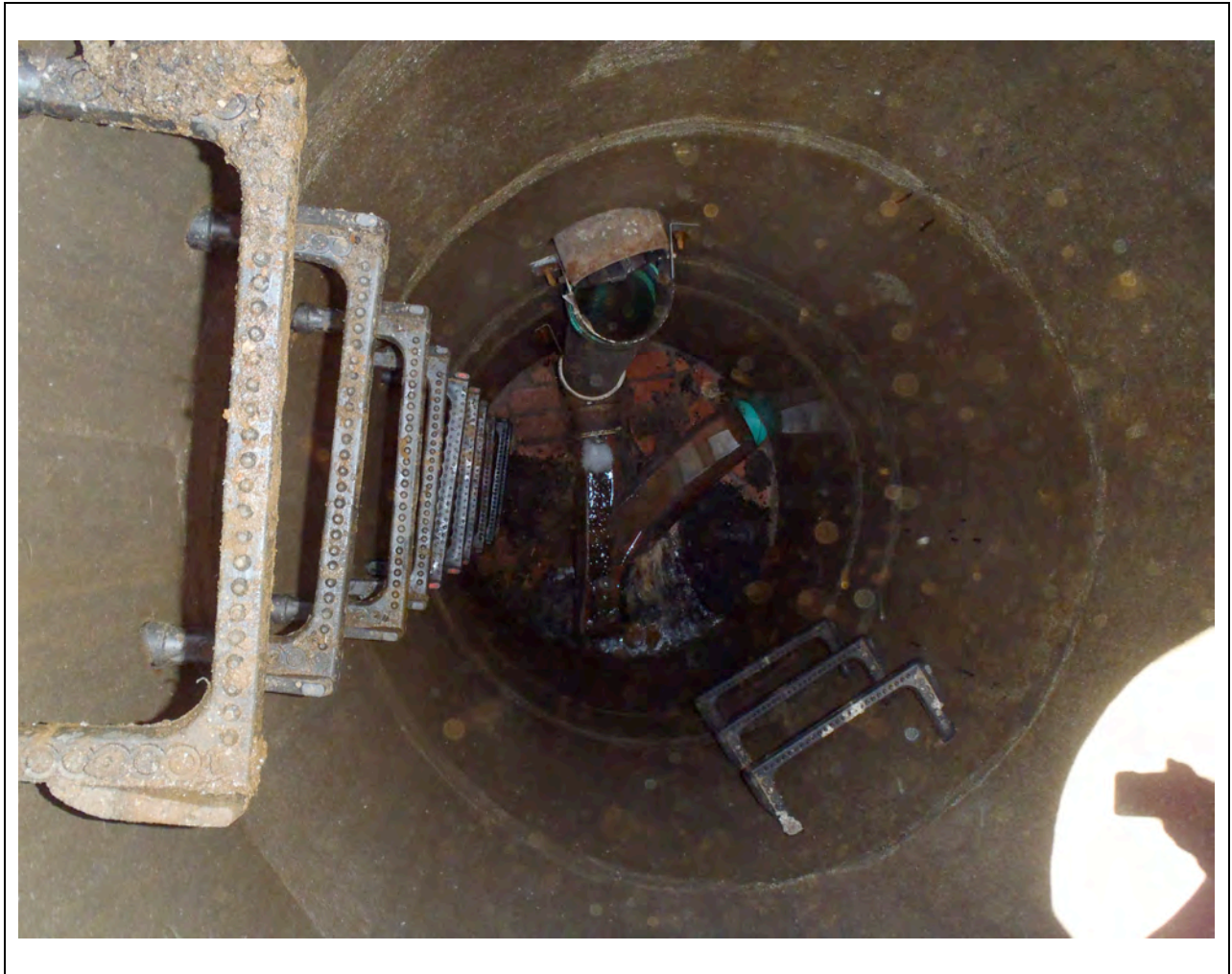
SMH-R10



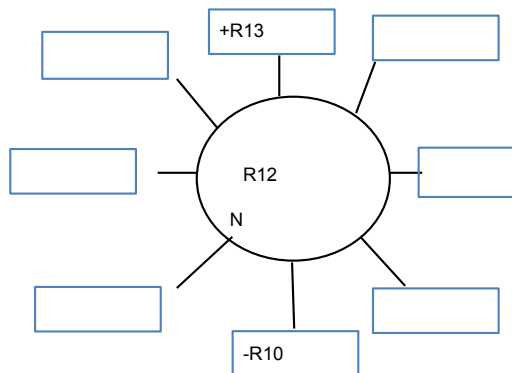
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: SI = Surface Inspection Ft to Downstream MH: 231										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R11 Photo #11										
Street: 34 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x6</div> </div>										
General Comments: Two 1.5" risers										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R10	8'	8	ACP	7'	0.25	0			inside drop w/downspout
In	O2	14' 3"	8	PVC	4'	1	0			At 4', slowly bends right
Out	R8.1	14' 4"	8	PVC	8'	1	0			
Sheet Number:										



SMH-R11



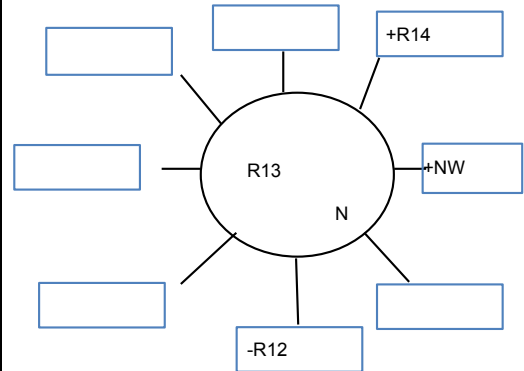
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 69										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R12 Photo #9										
Street: 29 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 3x6										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R13	7' 9"	8	PVC	4'	0.5	0			At 5', service connection 3 o'clock
Out	R10	7' 10"	8	PVC	13'	0.5	0			
Sheet Number:										



SMH-R12



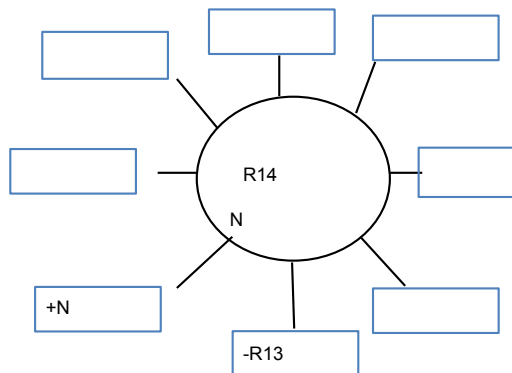
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 151										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R13 Photo #8										
Street: 21 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 3x7										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast rings	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R14	8' 2"	8	PVC	13'	0.1	0.25			
In	NW	5' 10"	6	PVC		0.1				Inside drop w/downspout, cannot lamp. Pipe connection missing mortar.
Out	R12	8' 3"	8	PVC	13'	0.2	0.5			
Sheet Number:										



SMH-R13



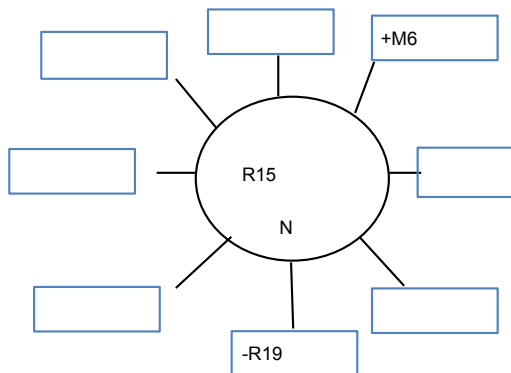
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 360										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R14 Photo #7										
Street: 4 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75 below</div> <div>Drainage Area: 2x5</div> </div>										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	6' 1"	6	PVC		0				Inside drop w/downspout. Pipe connection missing mortar.
Out	R13	13' 10"	8	PVC	2' & 4'	0	0			At 7', service connection 3 o'clock
Sheet Number:										



SMH-R14



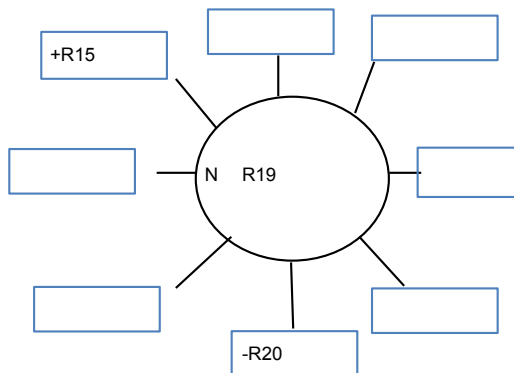
1. GENERAL INFORMATION										
Inspector: JH, TX Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 141										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R15 Photo #9										
Street: Ramapoo Rd./Mullberry St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x7</div> </div>										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	M6	9' 9"	8	PVC	2' & 6'	1	0			At 3', service connection 9 o'clock
Out	R19	9' 10"	8	PVC	13'	0.75	0			
Sheet Number:										



SMH-R15



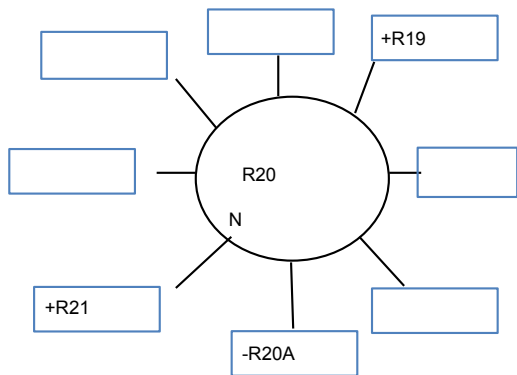
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 81										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R19 Photo #8										
Street: 147 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		3x6			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R15	6' 6"	8	PVC	8'	0.5	0			
Out	R20	6' 7"	8	PVC	7'	0.5	0			
Sheet Number:										



SMH-R19



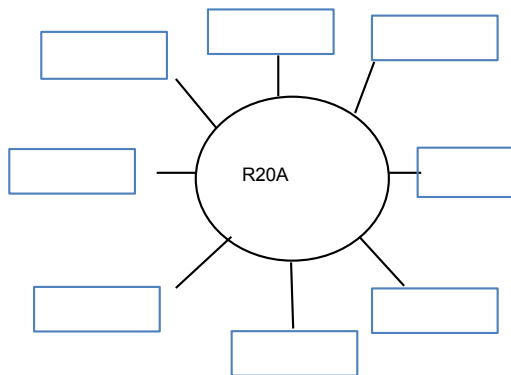
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 128										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R20 Photo #7										
Street: 147 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" below</div> <div>2x5</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Distance estimated to Manhole R20B. R20A not found</div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R21	7' 11"	8	PVC	13'	1	0			
In	R19	7' 11"	8	PVC	13'	0.75	0			
Out	R20A	8'	8	PVC	13'	1.25	0			
Sheet Number: _____										

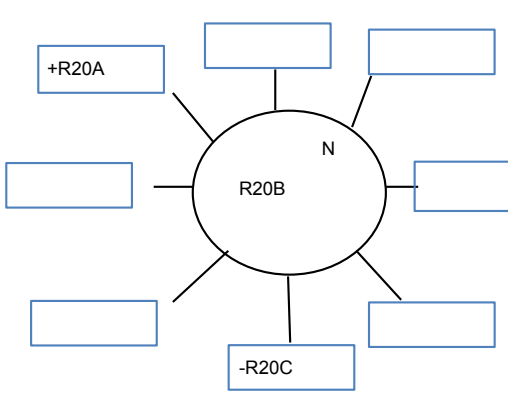


SMH-R20



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R20A Photo#										
Street: 41 Mulbury St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

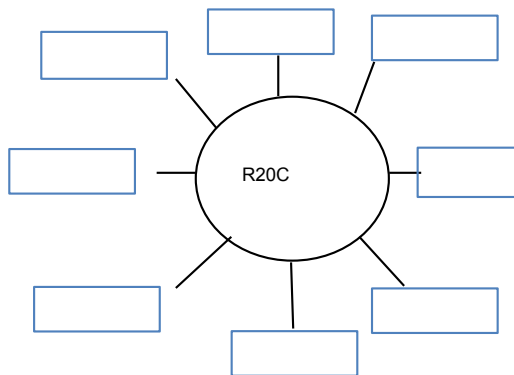


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/16/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 140										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R20B Photo #2										
Street: 144 Ramapoo Rd City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
3" below 2x12										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Bolt on cover w/six bolts and water tight gasket</p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Missing mortar between cone and frame					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R20A	7'	8	PVC	8'	0.3	0			
Out	R20C	7' 1"	8	PVC	13'	0.3	0			
Sheet Number:										

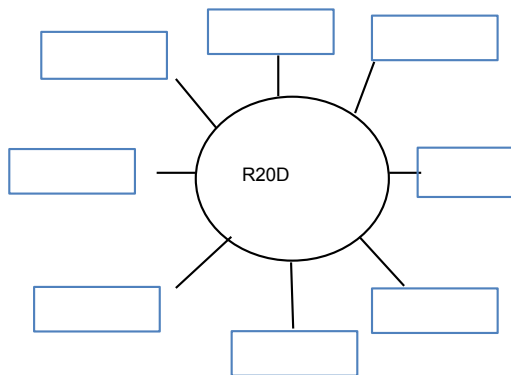
SMH-R20B



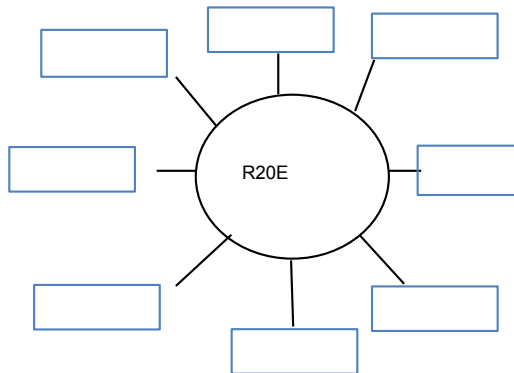
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R20C Photo#										
Street: 130 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

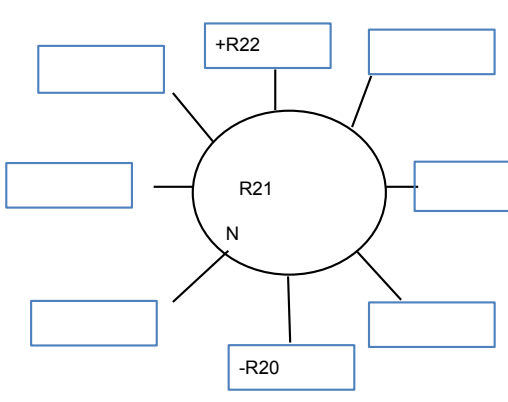


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R20D Photo#										
Street: 126 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R20E Photo#										
Street: 116 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

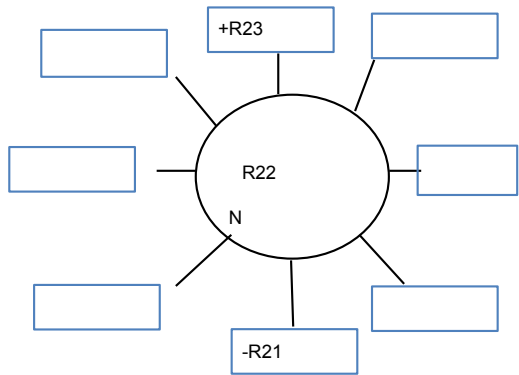


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 209										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R21 Photo #6										
Street: 138 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" below		3x7			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated L	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R22	9' 9"	8	PVC	4' & 1	0.2	0			
Out	R20	9' 10"	8	PVC	13'	0.2	0			
Sheet Number:										

SMH-R21



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 191										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R22 Photo #5										
Street: 130 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		2x5			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar, light roots					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R23	8' 3"	8	PVC	8'	0.25	0			
Out	R21	8' 4"	8	PVC	13'	0.25	0			
Sheet Number:										



SMH-R22



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 220										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R23 Photo #4										
Street: 126 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" below		3x6			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring & brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R24	9'	8	PVC	13'	0	0			
In	RH1	9'	8	PVC	8'	0.25	0			
Out	R22	9' 1"	8	PVC	13'	0.25	0			
Sheet Number:										

SMH-R23

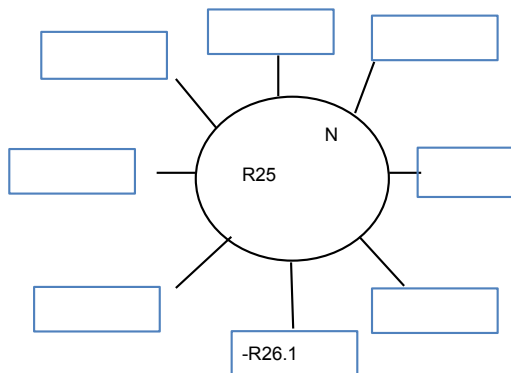


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 69										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R24 Photo #3										
Street: 118 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x5</div> </div>										
<div style="text-align: center;"> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	R23	7' 11"	8	PVC	1' & 1	0	0.25			At 2', service connection 10 o'clock
Sheet Number:										

SMH-R24



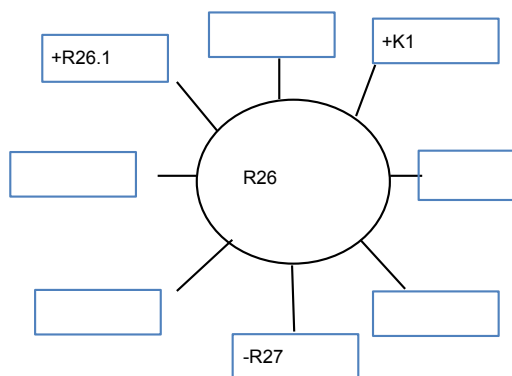
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 260										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R25 Photo #2										
Street: 116 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x4</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Missing mortar, rebar showing.					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	R26.1	7' 9"	8	PVC	4' & 1	0	0			
Sheet Number:										



SMH-R25



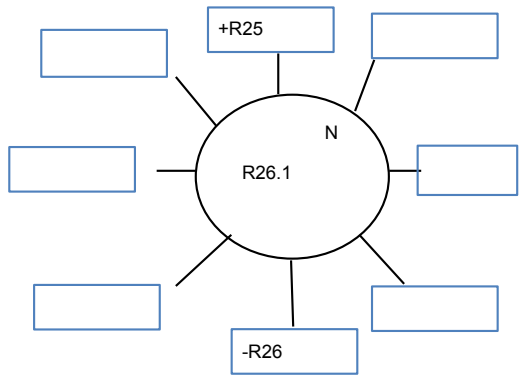
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 315										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R26 Photo #23										
Street: Ramapoo Rd./Kellogg St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x6										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Lift holes missing mortar, light mineral deposits					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R26.1	8'	8	Cast Iron	8'	0	0			Inside drop w/downspout. Pipe connection missing mortar.
In	K1	20' 5"	8	Cast Iron	10'	0.5	0			
Out	R27	20' 6"	8	Cast Iron	10'	0.5	0			
Sheet Number:										



SMH-R26



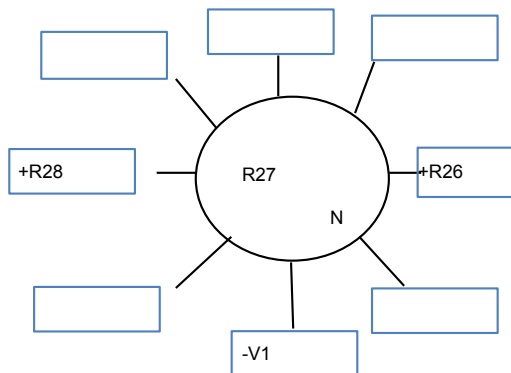
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 48										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R26.1 Photo #1										
Street: 110 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 4x8</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R25	9' 8"	8	PVC	4'	0.2	0			At 5', service connection 10 o'clock
Out	R26	9' 9"	8	PVC	5' & 1	0.2	0			
Sheet Number: _____										



SMH-R26.1



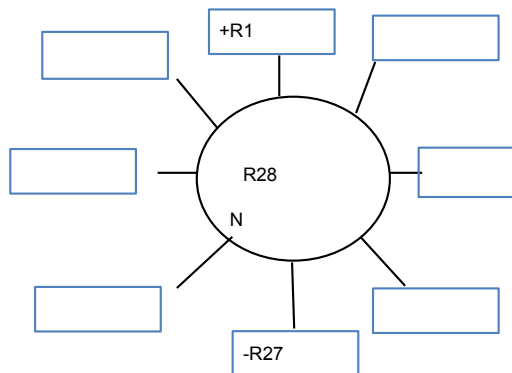
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 121										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R27 Photo #22										
Street: Ramapoo Rd./Victor Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" below 3x7										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound			3" of sanitary solids					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R28	8' 8"	8	PVC	6' & 1	0.25	0			Pipe connection missing mortar. Inside drop w/ downspout.
In	R26	17'	8	PVC	13'	3	0.5			1" sanitary solids.
Out	V1	17' 1"	8	PVC	13'	1	0			
Sheet Number:										



SMH-R27



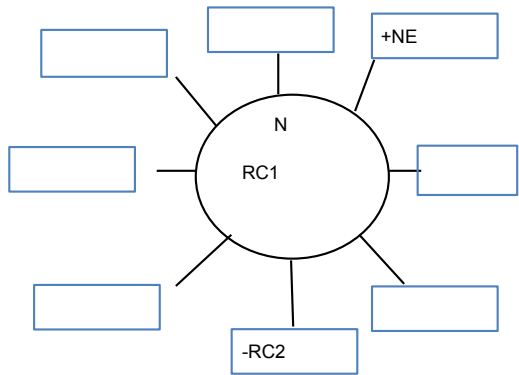
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: SI = Surface Inspection Ft to Downstream MH: 258										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: R28 Photo #21										
Street: 82 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 3x5										
General 2" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R1	8' 11"	8	PVC	8'	1	0			
Out	R27	9'	8	PVC	6'	0.75	0			
Sheet Number:										



SMH-R28

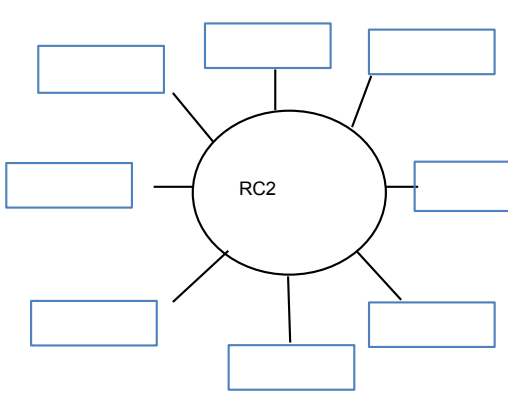


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 220										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: RC1 Photo #1										
Street: 193 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 1" above		Drainage Area: 2x2			
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast rings	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	5' 10"	6	PVC	10'	0.1	0			
Out	RC2	5' 11"	6	PVC	10'	0.1	0			
Sheet Number:										

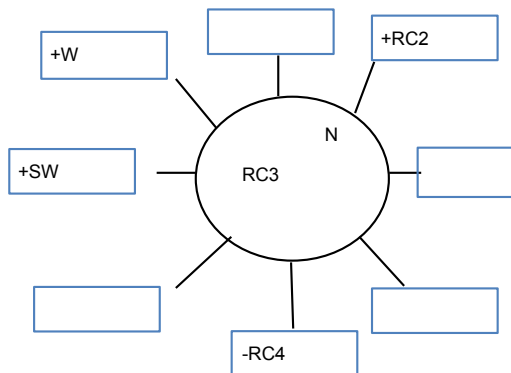


SMH-RC1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: NO = Not Opened Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: RC2 Photo#										
Street: 193 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Can not open</p> <p>Comments: </p> </div> <div style="flex: 1; text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

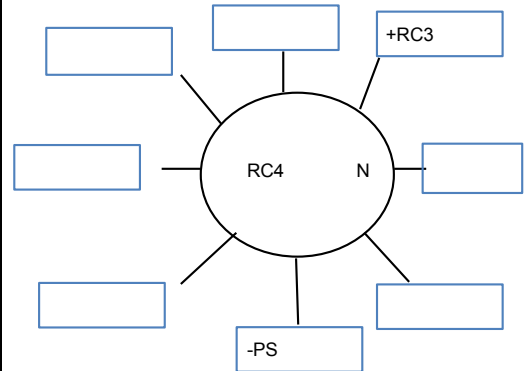
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 95										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: RC3 Photo #2										
Street: 193 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					4" below		18,000 sq. feet			
General Comments: Cracked/missing pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast of	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	7' 2"	2	PVC		0.2	0.75			Pipe connection missing mortar
In	W	6' 10"	6							Capped at 4"
In	RC2	7' 4"	8	PVC	10'	0.1	0			
Out	RC4	7' 5"	8	PVC	6'	0.5	0.5			
Sheet Number:										



SMH-RC3



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 71										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: RC4 Photo #3										
Street: 193 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Grade: Drainage Area:										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast rings	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Missing mortar, rebar showing					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	RC3	10'	8	PVC	10'	0.5	0			
Out	PS	10' 1"	8	PVC	4' & 1	0.5	0			
Sheet Number: _____										



SMH-RC4

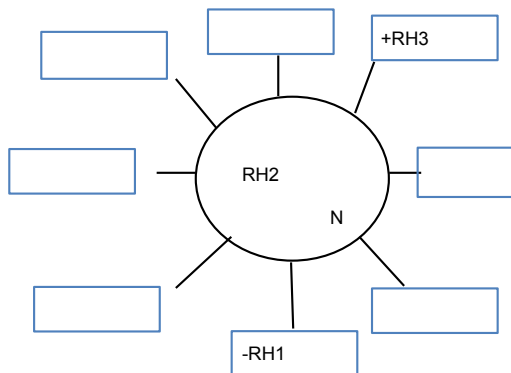


1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 79										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: RH1 Photo #15										
Street: 2 Ramapoo Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" above</div> <div>2x2</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	RH2	8'	8	PVC	13'	0.2	0			
Out	R23	8' 1"	8	PVC	13'	0.2	0			
Sheet Number: _____										

SMH-RH1



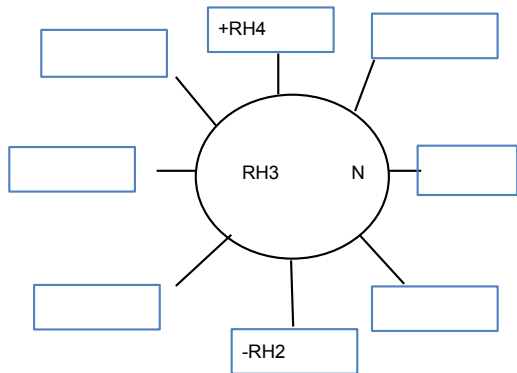
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 100										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: RH2 Photo #14										
Street: 5 Ramapoo Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x12										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	RH3	9' 6"	8	PVC	13'	0.2	0			
Out	RH1	9' 7"	8	PVC	6' & 1	0.2	0			At 6', service connection 12 o'clock
Sheet Number:										



SMH-RH2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 161										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: RH3 Photo #13										
Street: 12 Ramapoo Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	RH4	10' 10"	8	PVC	8'	0.1	0			At 12', service connection 3 o'clock
Out	RH2	10' 11"	8	PVC	3' & 1	0.1	0			At 3', service connection 3 o'clock
Sheet Number:										



SMH-RH3

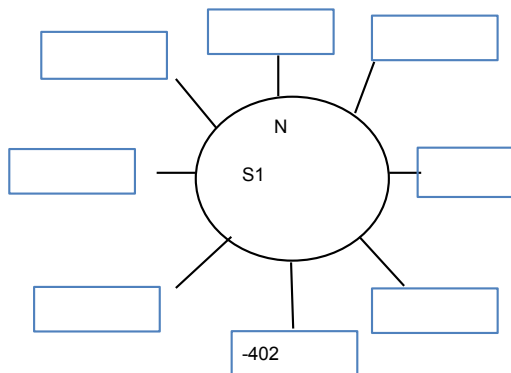


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 201										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: RH4 Photo #12										
Street: 19 Ramapoo Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 6x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled 'RH4' with an 'N' for North. Eight lines radiate from the circle to eight rectangular boxes. Clockwise from the top-left, the boxes are labeled: '+S', '+SW', '+W', an empty box, '-RH3', an empty box, an empty box, and an empty box.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 2"					
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	5' 6"	6	PVC	13	0	0			Inside drop w/downspout. Pipe connection missing mortar.
In	SW	8' 1"	6	PVC	13'	0	0			Inside drop w/downspout. Pipe connection missing mortar.
In	W	11' 1"								12" opening w/rubber boot. Capped off w/plastic at 4" Missing mortar
Out	RH3	16' 10"	8	PVC	13'	0	0			
Sheet Number:										

SMH-RH4



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 419										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: S1 Photo #9										
Street: South St./Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.25" above</div> <div>3x12</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Distance to next manhole measured to manhole 401. Manhole 402 not found</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div>Two 2" risers</div> </div>										
Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH		X = Not Known			4" of debris					
CHANNEL		X = Not Known								
<div style="display: flex; justify-content: space-between;"> <div>Surcharge from Invert: None Evident None</div> <div>Currently ft</div> <div>Marks to ft</div> </div>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	402	8'	8	ACP	13'	0	0			
Sheet Number:										



SMH-S1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 81										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: SS2 Photo #4										
Street: 63 Sunset Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 1" above		Drainage Area: 2x2			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	4' 8"	8	PVC	1' & 1'	0.2	0			At 15', pipe bends left. Pipe connection missing mortar.
Out	SS2.1	4' 9"	8	PVC	5' & 6'	0.2	0			Pipe connection missing mortar
Sheet Number:										

SMH-SS2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 152										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: SS2.1 Photo #5										
Street: 73 Sunset Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of manhole SS2.1 showing connections to +SS2, -SS3, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH		X = Not Known			2" of water and sanitary solids. Sump manhole					
CHANNEL		X = Not Known								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SS2	6' 10"	8	PVC	2' & 8"	0.2	0			Pipe connection missing mortar
Out	SS3	7' 3"	8	PVC	3' & 2'	0.25	0			At 6', service connection 12 o'clock w/light roots.
Sheet Number:										

SMH-SS2.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 300										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: SS3 Photo #6										
Street: 77 Sunset Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SS2.1	7' 5"	8	PVC	10'	0.25	0			
Out	SS3.1	7' 6"	8	PVC	10'	0.25	0			
Sheet Number: _____										

SMH-SS3



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 297										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: SS3.1 Photo #7										
Street: Sunset Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar. Light roots					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	D = Defective			Missing parging					
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SS3	8' 7"	8	PVC	10'	0.75	0			Pipe connection missing mortar
In	NE	8'	6	PVC	3' & 1	0	0			
Out	SS4	8' 8"	8	PVC	3' & 1	0.75	0			Pipe connection missing mortar
Sheet Number:										

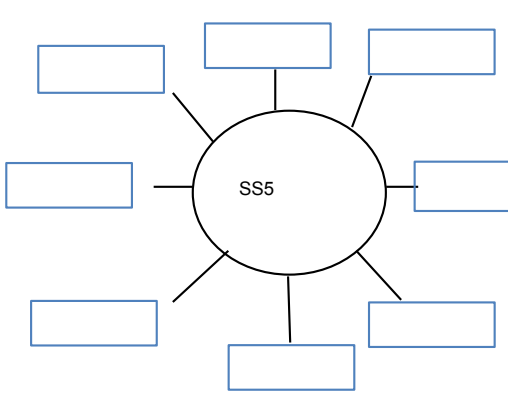
SMH-SS3.1

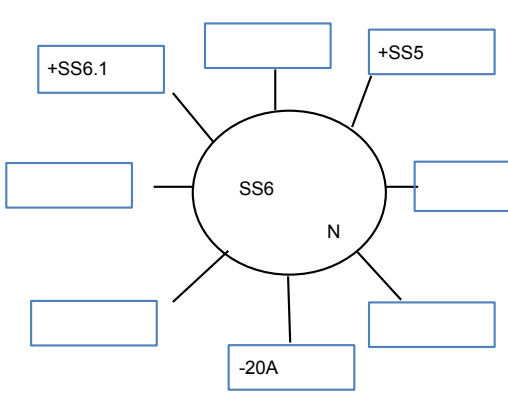


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: SS4 Photo #8										
Street: 85 Sunset Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	18C	8' 6"	8	PVC	13'	0.25	0			
In	SS3.1	8' 11"	8	PVC	10' &	0.5	0			
Out	SS5	9'	8	PVC	13'	0.5	0			
Sheet Number:										

SMH-SS4



1. GENERAL INFORMATION														
Inspector: JH, TZ Certificate #: Date: 5/20/2016														
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny														
Inspection Status: NF = Not Found Ft to Downstream MH:														
GPS Coordinates: Inspection Level: Level 1														
2. LOCATION														
MH/Access Point Number: SS5 Photo#														
Street: Sunset Ln/Prospect St. City: Ridgefield, CT														
3. MANHOLE														
Access Type: AMH = Manhole														
5. COVER														
Cover Condition:														
7. MANHOLE COVER ADJUSTMENT RING														
Ring Condition:														
														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>											Grade:	Drainage Area:		
Grade:	Drainage Area:													
General Comments:														
INTERNAL MANHOLE OBSERVATIONS														
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments									
FRAME														
CHIMNEY														
CONE														
STEPS														
WALLS														
BENCH														
CHANNEL														
Surcharge from Invert: None Evident Currently ft Marks to ft														
LINE CONDITIONS														
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments				
Sheet Number:														

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 187										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: SS6 Photo #10										
Street: 1 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Covered by 5" of mulch.</p> </div> <div style="text-align: center;">  <p>Diagram of Manhole SS6 with connections to SS6.1, SS5, and 20A.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged & brick	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SS6.1	4' 9"	8	PVC	10'	0.75	0			Pipe connection missing mortar
In	SS5	4' 10"	8	PVC	10'	0.5	0			
Out	20A	4' 11"	8	PVC	10'	0.75	0			
Sheet Number:										

SMH-SS6



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 52										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: SS6.1 Photo #9										
Street: 1 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole SS6.1 showing connections to +19A, +20D.1, and -SS6.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Missing mortar between frame and cone					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick & Parged	D = Defective			Missing parging					
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	19A	7'	8	PVC	10'	0.3	0			
In	NW	7'	6	PVC	13'	0.25	0			
Out	SS6	7' 1"	8	PVC	4' & 1	0.6	0			
Sheet Number:										

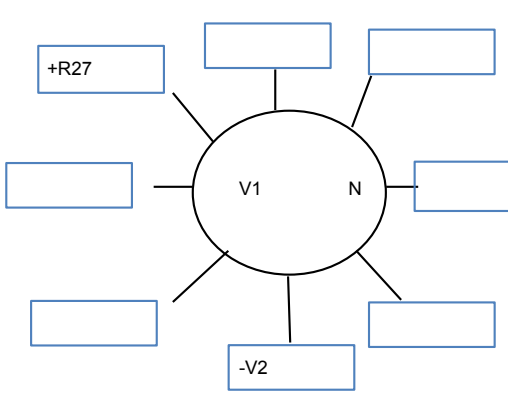
SMH-SS6.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 140										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: SS6.2 Photo #7										
Street: 19 Prospect Ridge unit 27 rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 30x50										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Estimated 140' to possible T connection between SS6.1 and 20D.1</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged & missing	S = Sound			2" standing water where floor should be					
CHANNEL	Brick & Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	4' 6"	6	PVC	13'	0.25	0			
Out	Tee	4' 7"	6	PVC	3'	0.25	0			At 7', service connection 10 o'clock
Sheet Number:										

SMH-SS6.2

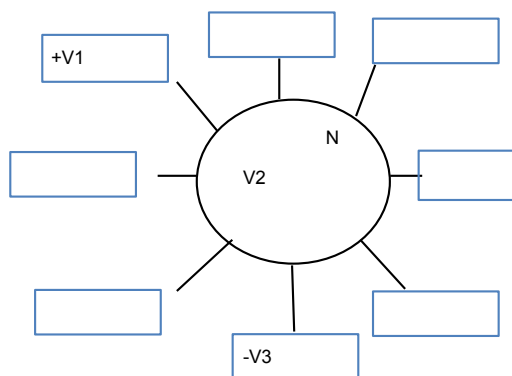


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 72										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: V1 Photo #3										
Street: 5 Victor Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: 0.25 below Drainage Area: 2x8 </div>										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="flex-grow: 1;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Lift holes missing mortar. Weeping					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	R27	16' 7"	8	PVC	13'	1	0			
Out	V2	16' 8"	8	PVC	13'	0.75	0			
Sheet Number:										

SMH-V1



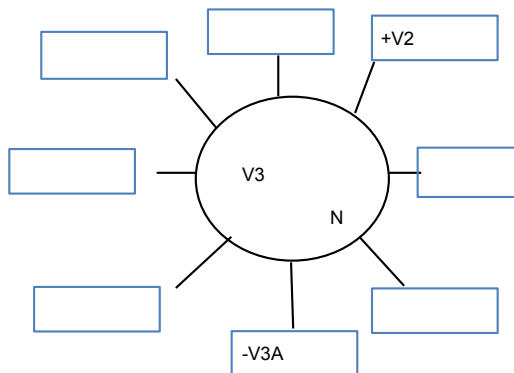
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 230										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: V2 Photo #4										
Street: 7 Victor Dr. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 2x8										
General Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	V1	17' 3"	8	PVC	13	1	0			
Out	V3	17' 4"	8	PVC	3' & 1	0.75	0			At 6', Service connection to 1 o'clock
Sheet Number:										



SMH-V2

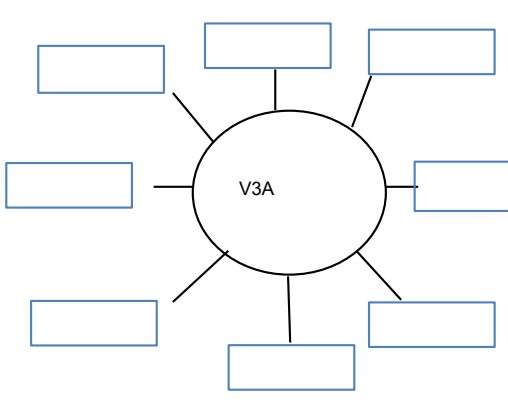


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 260										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: V3 Photo #5										
Street: 17 Victor Dr City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
1" below 2x2										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	V2	20' 8"	8	ACP	13'	1.5	0			
Out	V3A	20' 9"	8	ACP	13'	1.5	0			
Sheet Number:										

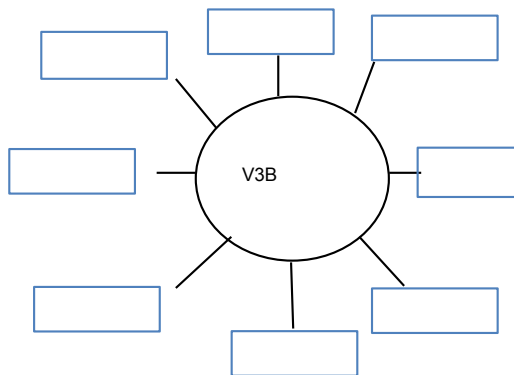


SMH-V3



1. GENERAL INFORMATION														
Inspector: JH, TZ Certificate #: Date: 5/12/2016														
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny														
Inspection Status: NF = Not Found Ft to Downstream MH:														
GPS Coordinates: Inspection Level: Level 1														
2. LOCATION														
MH/Access Point Number: V3A Photo#														
Street: 17 Victor Dr. City: Ridgefield, CT														
3. MANHOLE														
Access Type: AMH = Manhole														
5. COVER														
Cover Condition:														
7. MANHOLE COVER ADJUSTMENT RING														
Ring Condition:														
														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>											Grade:	Drainage Area:		
Grade:	Drainage Area:													
General Comments:														
INTERNAL MANHOLE OBSERVATIONS														
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments									
FRAME														
CHIMNEY														
CONE														
STEPS														
WALLS														
BENCH														
CHANNEL														
Surcharge from Invert: None Evident Currently ft Marks to ft														
LINE CONDITIONS														
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments				
Sheet Number:														

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/12/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: V3B Photo#										
Street: 70 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

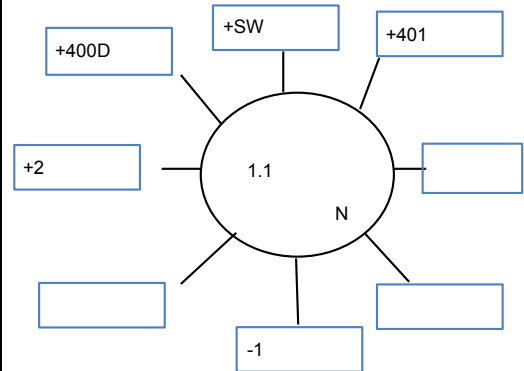


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 17										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 1 Photo #5										
Street: Back of Waste Water Treatment Plant City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" above</div> <div>2x2</div> </div>										
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; line-height: 100px;"> 1 N </div> <div style="position: absolute; top: 10%; left: 10%; width: 50px; height: 30px; border: 1px solid black;"></div> <div style="position: absolute; top: 10%; left: 60%; width: 50px; height: 30px; border: 1px solid black;"></div> <div style="position: absolute; top: 10%; left: 80%; width: 50px; height: 30px; border: 1px solid black; text-align: center;">+1.1</div> <div style="position: absolute; top: 20%; left: 10%; width: 50px; height: 30px; border: 1px solid black;"></div> <div style="position: absolute; top: 20%; left: 80%; width: 50px; height: 30px; border: 1px solid black;"></div> <div style="position: absolute; top: 30%; left: 10%; width: 50px; height: 30px; border: 1px solid black;"></div> <div style="position: absolute; top: 30%; left: 70%; width: 50px; height: 30px; border: 1px solid black; text-align: center;">-Wet Well</div> </div>										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & pre cast ring	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	PVC	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	1.1	3' 11"	10	PVC	3' & 1	3	0			
Out	Wet We	4'	10	PVC	6' & 8'	2.5	0			
Sheet Number:										

SMH-1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 18										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 1.1 Photo #4										
Street: Back of Waste Water Treatment Plant City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					2' above		2x2			
<p>General</p> <p>Comments:</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Not mortared down to chimney					
CHIMNEY	Pre cast ring	D = Defective			Deteriorating due to hydrogen sulfide.					
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Deteriorating due to hydrogen sulfide					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	2	5'	12	PVC	5'	0	0			Overflow from manhole 2
In	400D	5'	8	PVC	5' & 8'	0	0			
In	SW	7' 1"	8	PVC		3	0			At 2' pipe bends 22 degrees left. Possibly from for
In	401	3' 2"	8	PVC						Capped off, cannot lamp
Out	1	8' 8"	10	PVC	10'	3	0			Pipe connection missing mortar
Sheet Number:										



SMH-1.1



1. GENERAL INFORMATION													
Inspector: JH, TZ Certificate #: Date: 6/1/2016													
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny													
Inspection Status: DI = Descent Inspection Ft to Downstream MH:													
GPS Coordinates: Inspection Level: Level 1													
2. LOCATION													
MH/Access Point Number: 2 Photo #6													
Street: Back of Waste Water Treatment Plant City: Ridgefield, CT													
3. MANHOLE													
Access Type: AMH = Manhole													
5. COVER													
Cover Condition: Cracked													
7. MANHOLE COVER ADJUSTMENT RING													
Ring Condition: Sound													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>										Grade:	Drainage Area:		
Grade:	Drainage Area:												
<p>General Surcharged 5', cannot see outgoing or incoming pipes. Only can see overflow line to manhole 1.1.</p> <p>Comments: </p>													
INTERNAL MANHOLE OBSERVATIONS													
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments								
FRAME	Cast iron	Sound											
CHIMNEY	N/A												
CONE	Brick	S = Sound											
STEPS	Unknown												
WALLS	Unknown												
BENCH	Unknown												
CHANNEL	Unknown												
<p>Surcharge from Invert: None Evident Currently 5 ft Marks to ft</p>													
LINE CONDITIONS													
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments			
Out	1.1	3' 3"	12	PVC	13'	0	0			Overflow line to manhole 1.1			
Sheet Number:													

SMH-2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 220										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 3 Photo #5										
Street: 66 Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" above</div> <div>2x2</div> </div>										
<div style="text-align: center;"> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	4	6'	15	VCP	2'	4	0			All visible joints have light roots
Out	2	6' 1"	15	VCP	2'	3.5	0			
Sheet Number: _____										

SMH-3



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 140										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 4 Photo #4										
Street: 66 Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General Locking cover</p> <p>Comments: _____</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar, light roots					
CONE	Brick	D = Defective			Missing mortar, light roots					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar, light roots					
BENCH	Parged	D = Defective			Heavy roots					
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	3' 6"	5	VCP		0				At 3", full pipe of dirt
In	5	5' 7"	15	VCP	2'	3.75	0			Pipe connection missing mortar, light roots. All visible joints have moderate roots
Out	3	5' 8"	15	VCP	2'	4	0			All visible joints have moderate roots.
Sheet Number:										

SMH-4

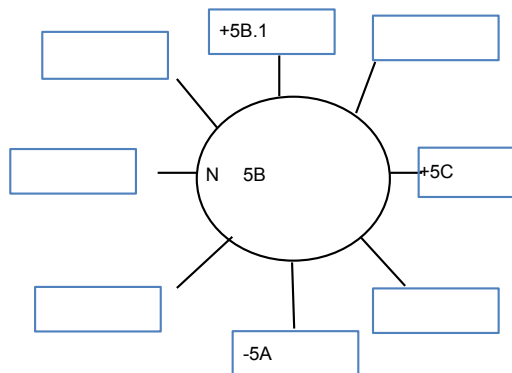


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 95										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 5 Photo #3										
Street: 66 Grove St. Unit City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" below 8x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	5A	2' 8"	8	PVC	3' & 8'	0.25	0			Outside drop
In	6	4' 11"	15	VCP	2'	4.5	0			First joint has light roots.
Out	4	5'	15	VCP	2'	3	0			
Sheet Number:										

SMH-5



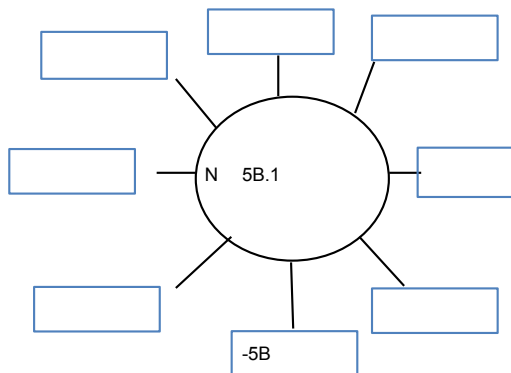
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 95										
GPS Coordinates: Inspection Level: Level 2										
2. LOCATION										
MH/Access Point Number: 5B Photo #2										
Street: 66 Grove St. Unit 4 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.25" below 3x10										
General 1.5" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	5B.1	8' 8"	8	PVC	8'	0.25	0			
In	5C	8' 8"	8	PVC	13'	0.25	0			
Out	5A	8' 9"	8	PVC	8'	0.4	0			At 9', service connection 2 o'clock
Sheet Number:										



SMH-5B

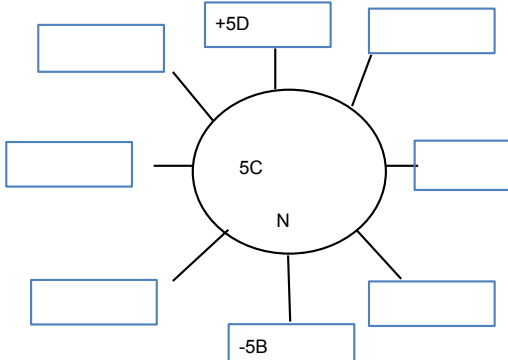


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 62										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 5B.1 Photo #1										
Street: 66 Grove St. Unit 7 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 3x12</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast rings	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	5B	6' 4"	8	PVC	3' & 1	0	0			At 4', service connection 2 o'clock.
Sheet Number:										

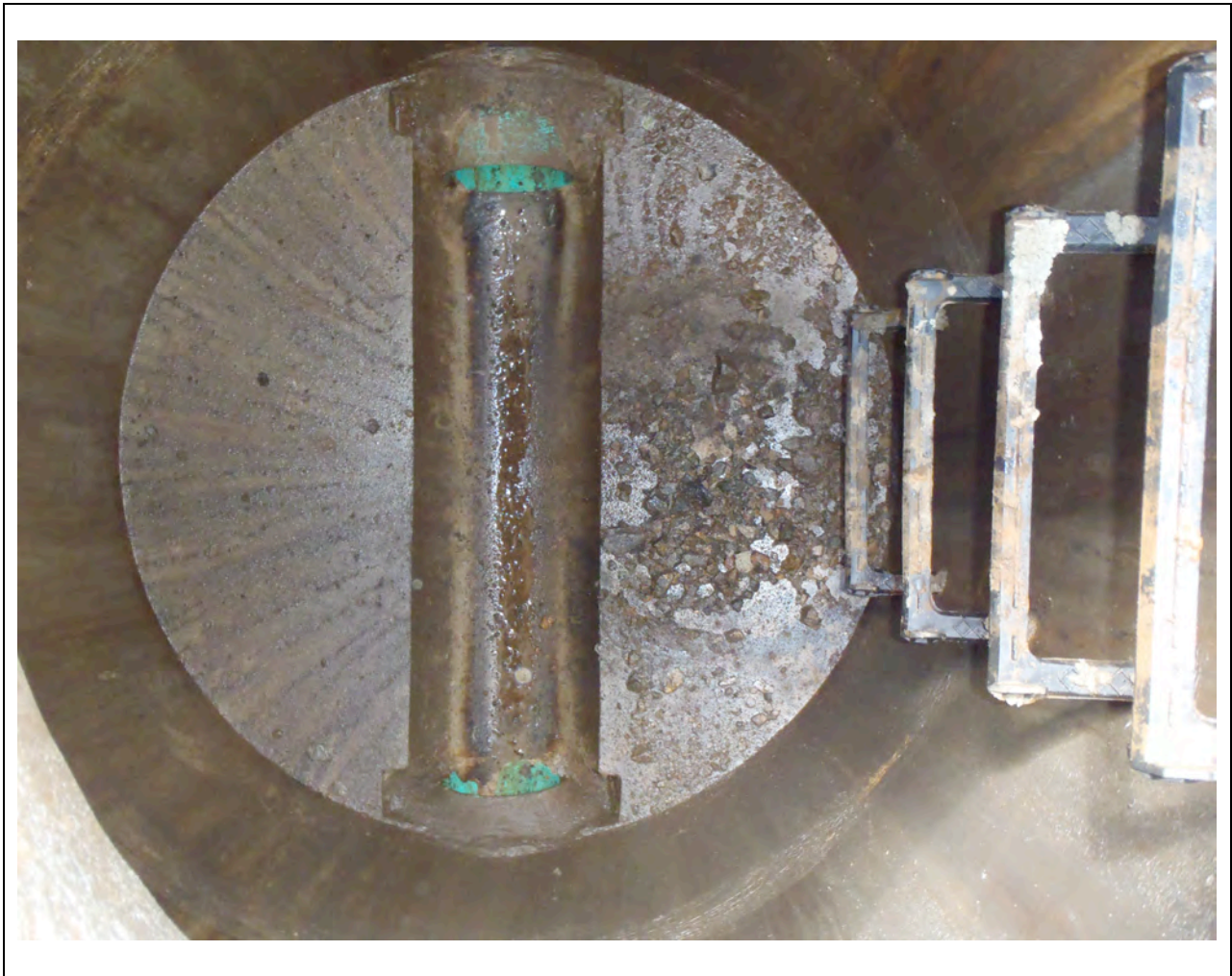


SMH-5B.1

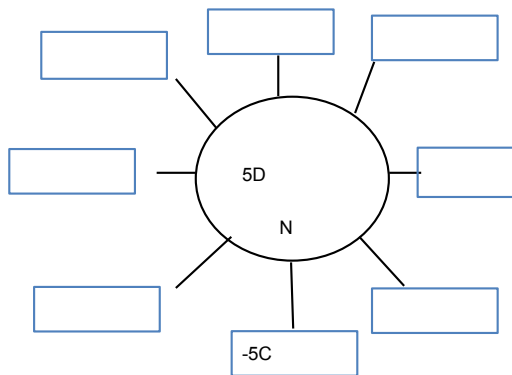


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 192										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 5C Photo #7										
Street: 66 Grove St. Unit 14 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" below		5x15			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast rings	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	5D	7' 3"	8	PVC	13'	0.1	0			
Out	5B	7' 4"	8	PVC	6'	0.1	0			At 7', service connection 3 o'clock
Sheet Number:										

SMH-5C



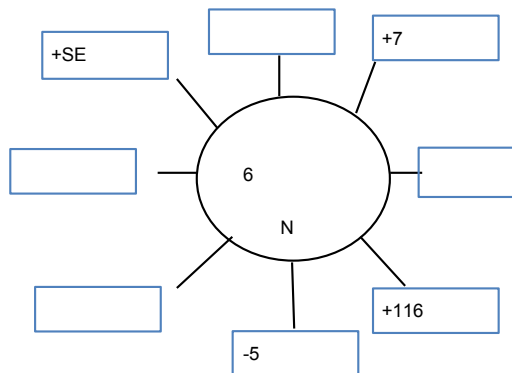
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 181										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 5D Photo #8										
Street: 66 Grove St. Unit 20 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 2x8</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	5C	7' 9"	8	PVC	6'	0	0			At 7', service connection 3 o'clock. At 14', service connection 3 o'clock.
Sheet Number:										



SMH-5D



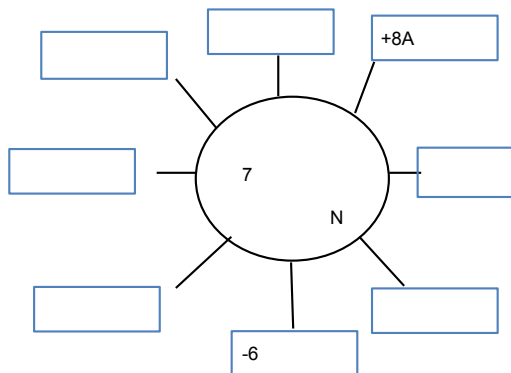
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 303										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 6 Photo #7										
Street: 66 Grove St City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments: Two 2" risers and one 3" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 2"					
CHIMNEY	Brick	D = Defective			Missing mortar, light roots					
CONE	Brick	D = Defective			Missing mortar, light roots					
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL		X = Not Known			Underwater					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	8' 8"	8	VCP	2'	0	0			At 2', bricked off
In	7	10' 7"	12	Lined		2.5	0			
In	116	11' 9"	12	VCP	2'	3	0			1st joint, light roots
Out	5	12' 5"	15	Lined		5	0			
Sheet Number:										



SMH-6

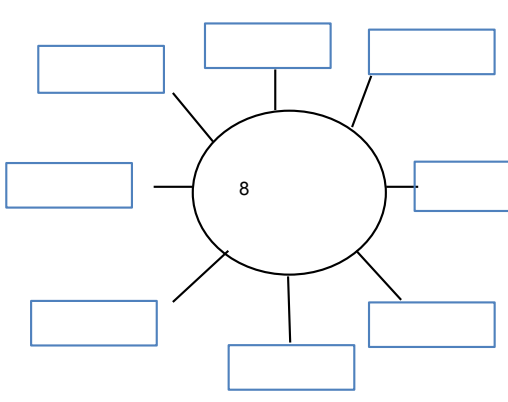


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 285										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 7 Photo #12										
Street: 7-10 Keeler Close City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 2" below</div> <div>Drainage Area: 20x50</div> </div>										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing brick/mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	8A	4' 8"	12	Lined		2.75	0			
Out	6	4' 9"	12	Lined		2.25	0			
Sheet Number:										

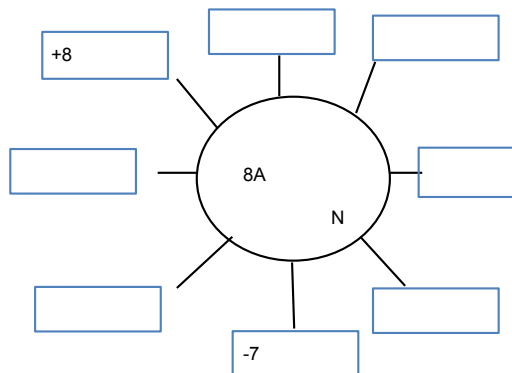


SMH-7



1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/18/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 8 Photo#												
Street: 520 Main St. Near brook City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade: </td> <td style="width: 40%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

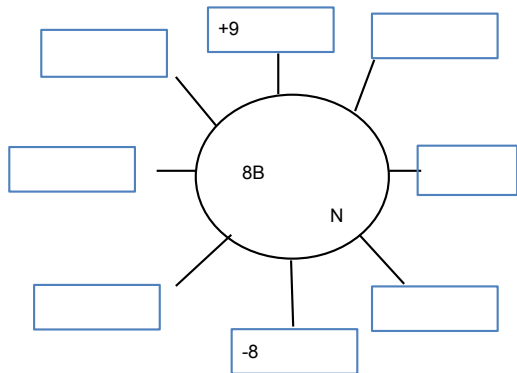
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 80										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 8A Photo #11										
Street: 5 Keeler Close City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" below 5x20										
General 1.5" riser										
Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	8	5' 6"	12	Lined		2.75	0			
Out	7	5' 7"	12	Lined		3	0			
Sheet Number:										



SMH-8A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 8B Photo #11										
Street: 520 Main St. Near Brook City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 3" above</div> <div>Drainage Area: 2x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	9	7' 1"	12	PVC	8'	2.5	0			
Out	8	7' 3"	12	PVC	6'	2.5	0			
Sheet Number:										



SMH-8B



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 105										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 8C Photo #21										
Street: 7-10 Cooks Close City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole 8C showing connections to +8D, +N, -8, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame not mortared down					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Missing mortar at seams. Moderate root balls. Lift hole missing mortar					
BENCH		X = Not Known			Sump manhole					
CHANNEL	N/a									
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	8D	4'	8	VCP	3'	0.2				Outside drop. Pipe connection missing mortar
In	N	2' 8"	3	Cast Iron		0.1				Pipe connection. Cannot lamp. Pipe connection missing
Out	8	9' 3"				0.3				Pipe connection missing mortar. Moderate root ball covering outgoing pipe
Sheet Number:										

SMH-8C



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 77										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 8D Photo #20										
Street: 7-10 Cook Close City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	8E	6' 8"	8	VCP	3'	0.2	0			
In	NW	5' 1"	3	Cast Iron		0.25	0			
In	N	5' 1"	3	Cast Iron		0.1	0			
Out	8C	6' 9"	8	VCP	3'	0.25	0			
Sheet Number:										

SMH-8D

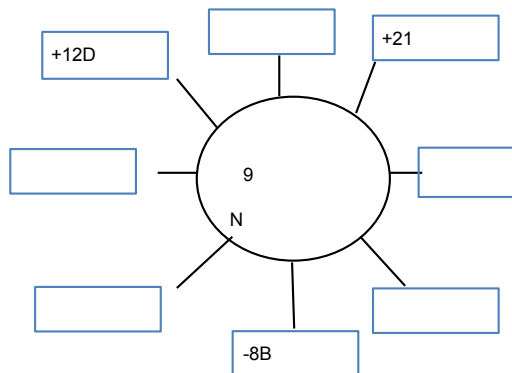


1. GENERAL INFORMATION																			
Inspector: JH, TZ Certificate #: Date: 5/18/2016																			
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy																			
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 128																			
GPS Coordinates: Inspection Level: Level 1																			
2. LOCATION																			
MH/Access Point Number: 8D Photo #19																			
Street: 12-15 Carpenter Close City: Ridgefield, CT																			
3. MANHOLE																			
Access Type: AMH = Manhole																			
5. COVER																			
Cover Condition: Sound																			
7. MANHOLE COVER ADJUSTMENT RING																			
Ring Condition: Sound										Grade: At					Drainage Area: 2x3				
General Comments: _____																			
INTERNAL MANHOLE OBSERVATIONS																			
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments														
FRAME	Cast iron	Sound																	
CHIMNEY	N/a																		
CONE	Pre cast	S = Sound																	
STEPS	Aluminum	Sound																	
WALLS	Pre cast	S = Sound																	
BENCH	Poured in place	S = Sound																	
CHANNEL	Poured in place	S = Sound																	
Surcharge from Invert: None Evident None Currently ft Marks to ft																			
LINE CONDITIONS																			
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments									
In	N	5' 6"	3	Cast Iron			3			Full pipe of debris. Cannot lamp									
In	NE	5' 6"	3	Cast Iron		0.1	0												
Out	8D	5' 7"	8	VCP	2'	0.2	0												
Sheet Number:																			

SMH-8E



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 117										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 9 Photo #9										
Street: 520 Main St. Near brook City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 24" above</div> <div>Drainage Area: 2x2</div> </div>										
<div> <div>General</div> <div>Locking cover, not locked</div> </div>										
<div> <div>Comments:</div> <div>Frame not cemented down to cone.</div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Brick	D = Defective			Missing mortar					
STEPS	Aluminum	Sound								
WALLS	Brick	D = Defective			Missing mortar. Weeping. Mineral deposits					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
<div> <div>Surcharge from Invert: None Evident</div> <div>None</div> <div>Currently</div> <div>ft</div> <div>Marks to</div> <div>ft</div> </div>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	12D	5' 9"	12	VCP	2'	0.75	0			
In	21	6' 1"	12	Lined		2	0			
Out	8B	6' 2"	12	VCP	2'	3	0			
Sheet Number:										



SMH-9

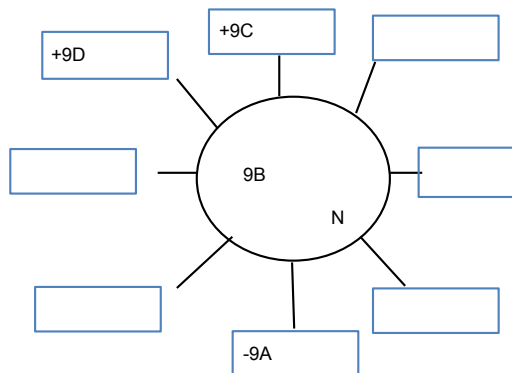


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 63										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 9A Photo #17										
Street: 520 Main St. Unit 9 Rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments: 3" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	9B	8' 1"	8	PVC	13'	0.2	0			
Out	21.1	8' 2"	8	PVC	8'	0.2	0			At 9', service connection 10 o'clock
Sheet Number:										

SMH-9A



1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 61										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 9B Photo #15										
Street: 520 Main St. Unit 9 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> 1.25" riser and 1" riser </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	9D	6' 10"	8	PVC	13'	0.75	0			
In	9C	6' 10"	8	PVC	3' & 1	0.1	0			At 4', service connection 12 o'clock
Out	9A	6' 11"	8	PVC	4' & 1	0.25	0			
Sheet Number:										



SMH-9B



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 90										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 9C Photo #16										
Street: 520 Main St. Unit 17 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General 2" riser and 2.5" riser</p> <p>Comments: _____</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	6' 11"	8	PVC	8'	0	0			At 30', capped off. At 9', service connection 3 o'clock
Out	9B	7'	8	PVC	5'	0	0			At 6', service connection 9 o'clock. At 13', service connection 9 o'clock.
Sheet Number:										

SMH-9C



2016 RIDGEFIELD MANHOLE INSPECTION REPORT

Prepared for:

AECOM
250 Apollo Drive
Chelmsford, MA 01824

Prepared by:

EST Associates, Inc.
51 Fremont Street
Needham, MA 02494

Book 3
Manhole ID: 9D-82

2016 Manhole Inspections Ridgefield, CT Book 3 Manhole ID: 9D-82

Manhole ID	Photo ID	Address
9D	14	520 Main St. Unit 4
9E	12	520 Main St.
9F	13	520 Main St. Unit 1
12A	1	29 Grove St.
12D	10	520 Main St. Near brook
13	15	Grove St.
13A	14	Sunset Ln./Grove St.
13B	3	13 Sunset Ln.
13C	2	25 Sunset Ln.
14	20	43 Grove St.
15	19	Grove St./ Prospect St.
16		East Ridge/Prospect St.
16S		Prospect St./East Ridge
17	16	58 Prospect St.
18	17	63 Prospect St.
18A		75 Prospect St,
18B		81 Prospect St.
18C	11	Prospect street
18D	18	67 Prospect St.
19	22	109 East Ridge
19A	4	19 Prospect Ridge Unit 52 Side
19B	3	19 Prospect Ridge Unit 49 Rear
19C	2	17 Halpin Ln. In parking lot.
19D	1	Ridgefield Housing Authority on Halpin Ln.
19E		Ridgefield Housing Authority on Halpin Ln.
20	21	East Ridge
20A	12	120 Prospect St. Unit 1
20B	13	120 Prospect St. Unit 12
20C	14	120 Prospect St. Unit 18
20D		120 Prospect St. Unit 25

20D.1		19 Prospect Ridge unit 25
20E	15	120 Prospect St. Unit 65
20E.1		19 Prospect Ridge unit 26
20F	16	120 Prospect St. Unit 62
20F.1	6	19 Prospect Ridge unit 24 rear
20G	17	120 Prospect St. Unit 31 rear
20G.1		19 Prospect Ridge unit 18 rear
20H		120 Prospect St. Units 41-32 Rear
20H.1	5	19 Prospect Ridge unit 14
20I		120 Prospect St. Units 41-32 Rear
20I.1		19 Prospect Ridge unit 6
20J		120 Prospect St. Units 41-32 rear
20J.1		19 Prospect Ridge unit 4
20K	18	120 Prospect St. Unit 46 rear
20.1	20	66 Prospect St.
20.2		66 Prospect St.
20.3	21	66 Prospect, behind gymnasium
21	8	520 Main St. Near brook
21.1	18	520 Main St. Unit 7 rear
22	6	500 Main St.
22.1	18	500 Main St.
22.2	17	500 Main St
22.3	16	500 Main St.
22.4	19	500 Main St.
22.5	20	500 Main St.
22.6	21	500 Main St.
24	5	25 Prospect St.
25	8	Bailey Ave./Prospect St.
30	19	Bailey Ave. at utility pole 564-8
31	6	38 Bailey Ave.
32	7	Bailey Ave.
33	20	470 Main St. Rear
34	21	452 Main St. Rear by jersey barriers
35	22	424 Main St.mRear
36	5	31 Bailey Ave.
37	4	24 Bailey Ave.
38	3	27 Bailey Ave.
39	2	18 Bailey Ave.
40	1	3 Bailey Ave.
40A		Bailey Ave./Main St.
40D	2	390 Main St. Rear
40E	3	400 Main St. Rear
41	4	18 Bailey Ave. Rear

42	1	Governor St. Merchants Plaza
43		8 Governor St.
43A	26	8 Governor St.
44	27	Governor St.
45	28	Governor St.
46	17	30 Prospect St.
47	18	32 Prospect St.
48	16	41 Governor St.
49	15	41 Governor St.
49A	14	41 Governor St.
50	13	41 Governor St. At Entrance
51	24	41 Governor St.
51A	23	27 Governor St.
52	25	27 Governor St.
56		Veterans Park Field
57		Veterans Park Field
57A		Veterans Park Field
66		14 Market St.
66A		Market St.near Main st.
71A		East Ridge Middle School
71A.1	1	East Ridge Middle School
71.2	2	54 Branchville Rd.
71.4	24	63 Rockwell Rd.
71.5	23	63 Rockwell Rd.
71.6	22	61 Rockwell Rd.
74A		Between 62 and 74 Prospect Ridge
82		24 Branchville Rd.

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 68										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 9D Photo #14										
Street: 520 Main St. Unit 4 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>Grade:</p> <p>Drainage Area:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 9D: A central circle labeled '9D' with 'N' below it. Eight lines radiate from the circle to boxes. Clockwise from top-right: +9F, empty box, empty box, empty box, -9B, empty box, empty box, empty box.</p> </div> </div>										
<p>General</p> <p>Comments:</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	9F	6' 7"	8	PVC	3' & 1	0.25	0			At 3', service connection 9 o'clock
Out	9B	6' 8"	8	PVC	6'	0.25	0			At 12', service connection 3 o'clock
Sheet Number:										

SMH-9D



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 87										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 9E Photo #12										
Street: 520 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	7' 11"	8	PVC	13'	0	0.25			Pipe connection missing mortar
Out	9F	8'	8	PVC	13'	0	0			
Sheet Number:										

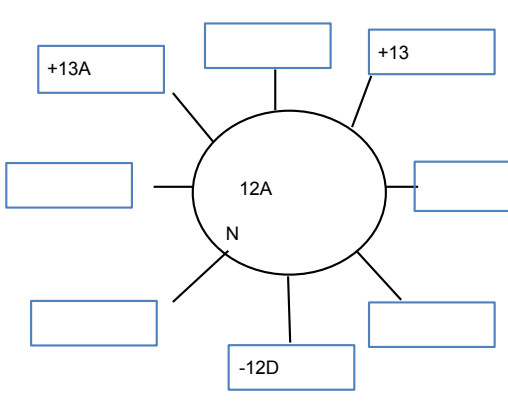
SMH-9E



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 70										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 9F Photo #13										
Street: 520 Main St. Unit 1 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		3x3			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame is offset 8"					
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL		X = Not Known			8" of sanitary solids and a brick partially blocking the outgoing line.					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	9E	7' 1"	8	PVC		0.1				Full pipe of sanitary solids. Cannot lamp
Out	9D	7' 2"	8	PVC	13	0.1	0			
Sheet Number:										

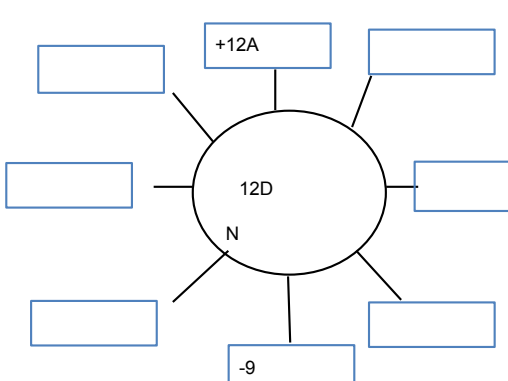
SMH-9F



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 150										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 12A Photo #1										
Street: 29 Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	13A	11' 9"	8	VCP	5'	4				4" sanitary solids at mouth of pipe
In	13	12' 3"	12	VCP	3'	0.75	0			
Out	12D	12' 9"	12	VCP	3'	2	0			
Sheet Number:										

SMH-12A

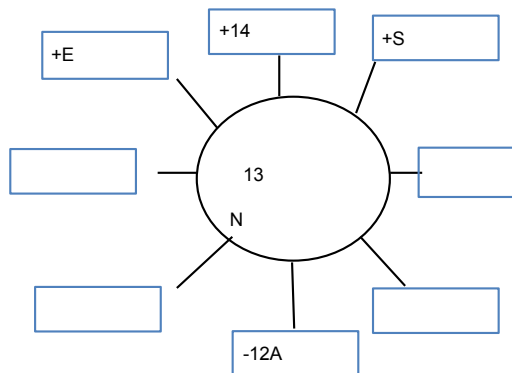


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 12D Photo #10										
Street: 520 Main St. Near brook City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar. Light roots					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar. Light mineral deposits. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	12A	6' 6"	8	VCP	2'	0.75	0			
Out	9	6' 7"	8	VCP	2'	0.75	0			
Sheet Number:										

SMH-12D



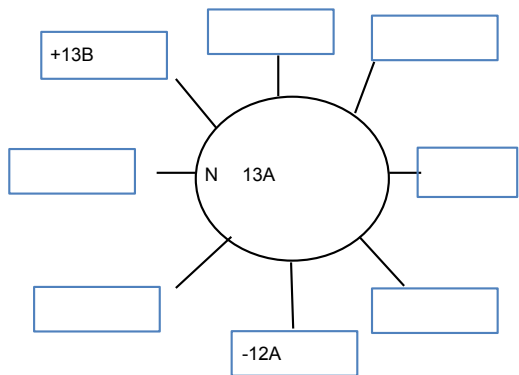
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 150										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 13 Photo #15										
Street: Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 3x5</div> </div>										
General 2" riser Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY		X = Not Known			Covered in mud					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective			Deteriorating					
WALLS	Brick	D = Defective			Missing mortar, light roots					
BENCH	Parged	S = Sound								
CHANNEL	VCP	D = Defective			Missing mortar, light roots					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	7'	6	VCP	2'	0.1	0			At 2', bends 45 degrees up.
In	14	7' 6"	10	VCP	2'	0.5	0			Pipe connection missing mortar, light roots.
In	S	5' 3"	4	VCP	2'	0	0			Pipe connection missing mortar. At 3', PVC pipe r
Out	12A	7' 7"	10	VCP	2'	0.5	0			
Sheet Number:										



SMH-13



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 81										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 13A Photo #14										
Street: Sunset Ln./Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
<div style="display: flex; justify-content: space-between;"> 0.5" above 2x2 </div>										
<div style="display: flex; justify-content: space-between;"> General Cracked pavement surrounding manhole </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Steel	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	13B	8' 11"	10	VCP	4'	2	0			
Out	12A	9'	10	VCP	4'	3	0			
Sheet Number: _____										



SMH-13A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 313										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 13B Photo #3										
Street: 13 Sunset Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Cement peeling off, caused by hydrogen sulfide gasses.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	9' 4"	8	VCP	4'	0.5	0			
In	13C	8' 9"	8	PVC	13'	1.5	0			
In	SE	4' 7"	4	PVC	10'	0.2	0			
Out	13A	9' 5"	8	VCP	4'	2	0			
Sheet Number: _____										

SMH-13B



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 302										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 13C Photo #2										
Street: 25 Sunset Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 5"					
CHIMNEY	Brick & pre cast ring	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick & Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	5' 1"	8	PVC	6' & 3'	0.2	0			
In	S	5'	4	PVC	10'	2"	0			Force Main line
Out	13B	5' 3"	8	PVC	4' & 1'	2	0			
Sheet Number:										

SMH-13C



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 397										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 14 Photo #20										
Street: 43 Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Cracked pavement surrounding manhole</p> <p>1" riser and 1.5" riser</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	3' 7"	4	VCP		0.1				45 degree elbow, cannot lamp.
In	15	8' 2"	10	VCP	4'	0.75	0			
Out	13	8' 3"	10	VCP	4'	0.75	0			At 3', circular crack.
Sheet Number:										

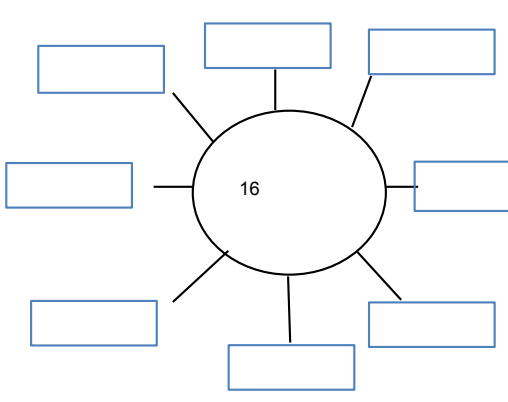
SMH-14



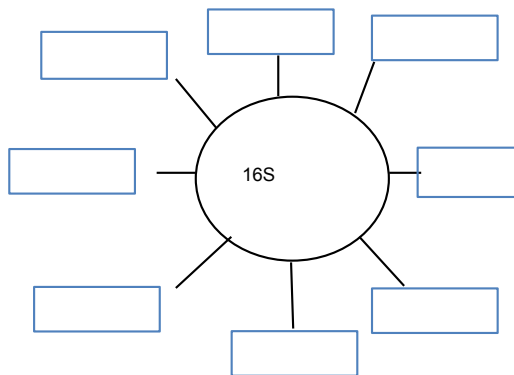
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 92										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 15 Photo #19										
Street: Grove St./ Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 1" below		Drainage Area: 3x12			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Brick	D = Defective			Missing mortar					
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	16	7' 8"	10	VCP	4'	0.75	0			
In	S	6'	6	VCP	2'	0	0			
Out	14	7' 9"	10	VCP	2'	0.75	0			At 3', break-in service connection 12, o'clock.
Sheet Number:										

SMH-15

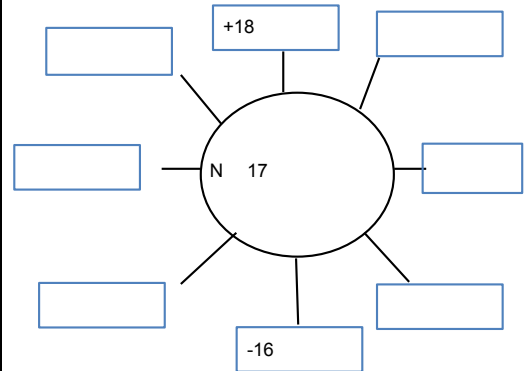


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NO = Not Opened Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 16 Photo#										
Street: East Ridge/Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
<div style="display: flex; justify-content: space-between;"> <div> <p>General 3" of asphalt on top.</p> <p>Comments: </p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 16S Photo#										
Street: Prospect St./East Ridge City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



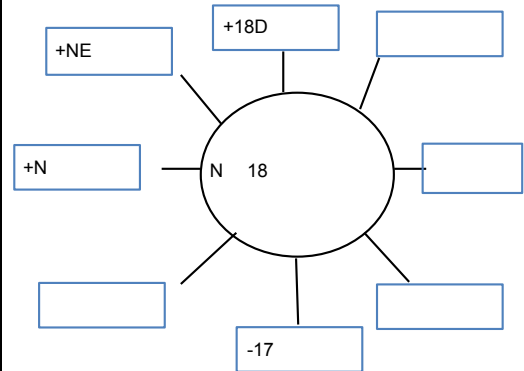
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 200										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 17 Photo #16										
Street: 58 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" above		2x2			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	18	10' 11"	8	VCP	2'	0.25	0			
Out	16	11'	8	VCP	2'	0.25	0			
Sheet Number: _____										



SMH-17



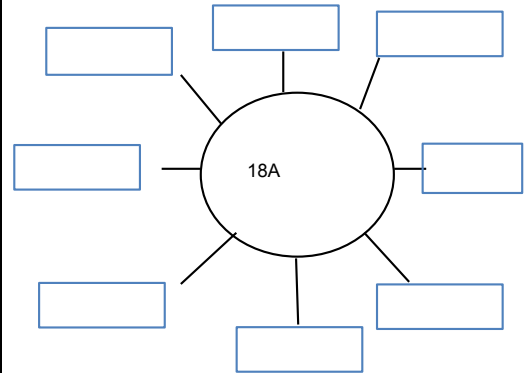
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 249										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 18 Photo #17										
Street: 63 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" below		3x5			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar, moderate roots.					
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	7' 7"	6	VCP	2'	0.1	0			Pipe connection, light roots.
In	NE	10' 4"	4	VCP		0				90 degree elbow, cannot lamp. Pipe connection, light roots.
In	18D	11' 6"	8	PVC	10'	0.1	0			Pipe connection missing mortar.
Out	17	11' 7"	8	VCP	2'	0.1	0			Pipe connection, light roots.
Sheet Number:										



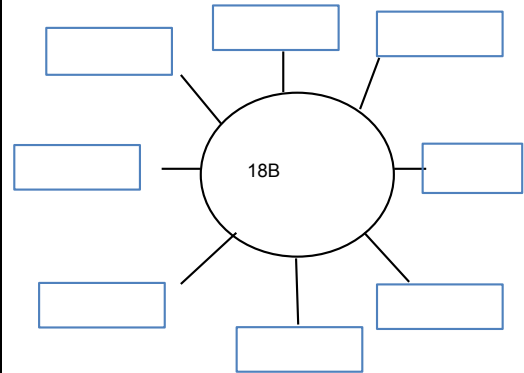
SMH-18



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 18A Photo#										
Street: 75 Prospect St, City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 18B Photo#										
Street: 81 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

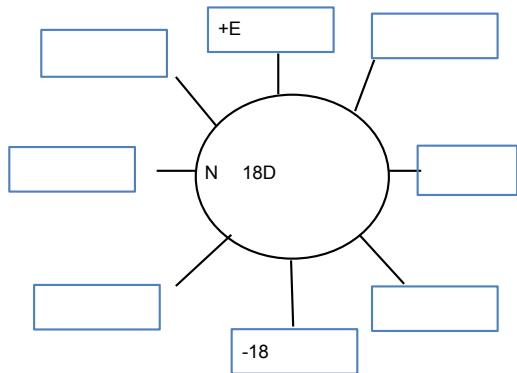


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 94										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 18C Photo #11										
Street: Prospect street City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 8x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar, light roots					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	7' 7"	6	PVC	13'	0.1	0			At 14', service connection 12 o'clock
Out	SS4	7' 8"	8	PVC	3'	0.1	0			
Sheet Number:										

SMH-18C



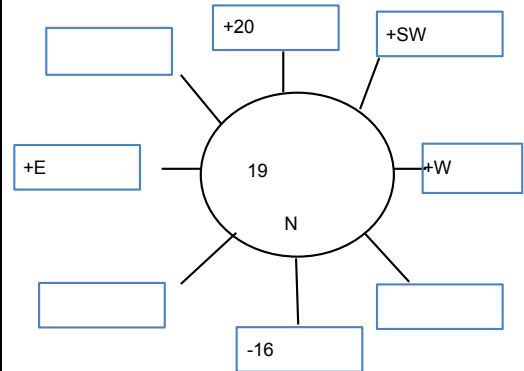
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 69										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 18D Photo #18										
Street: 67 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
<div style="display: flex; justify-content: space-between;"> 0.5" above 4x5 </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick & pre cast ring	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound			3" of dirt.					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	5' 2"	4	PVC		0	0.25			
Out	18	5' 3"	8	PVC	13'	0	0.5			
Sheet Number: _____										



SMH-18D



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 245										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 19 Photo #22										
Street: 109 East Ridge City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		2x4			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20	5' 10"	8	Lined		0.5	0			
In	SW	5' 11"	4	VCP		0.1	0			Pipe connection missing mortar. At 18", full pipe o
In	W	7' 5"	4	VCP	2'	0	0			
In	E	5' 10"	6	VCP	2'	1	0.5			At 2', pipe bends 22 degrees right
Out	16	10' 7"	8	VCP	2'	1	0			
Sheet Number:										



SMH-19

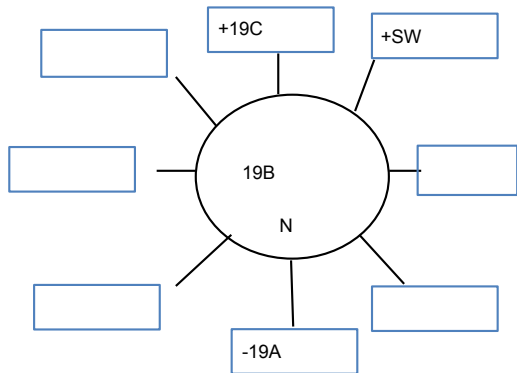


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 19B Photo #4										
Street: 19 Prospect Ridge Unit 52 Side City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>Grade:</p> <p>Drainage Area:</p> </div> <div> </div> </div>										
<p>General</p> <p>Comments:</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	19B	7' 5"	8	PVC	6' & 8'	0.75	0			
Out	SS6.1	7' 6"	8	PVC	10'	0.75	0			At 20', pipe slowly bends left
Sheet Number:										

SMH-19A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 269										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 19B Photo #3										
Street: 19 Prospect Ridge Unit 49 Rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 3" below</div> <div>Drainage Area: 3x3</div> </div>										
General Comments: <u>Cover was 3/4 buried in grass.</u> 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound			Couple of rocks and bricks on bench.					
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	19C	5' 10"	8	PVC	6'	0.75	0			At 12', pipe bends up. Pipe connection missing mortar
In	SW	5' 11"	6	PVC	10'	0	0			At 10', pipe bends up
Out	19A	6'	8	PVC	10'	0.75	0			
Sheet Number: _____										



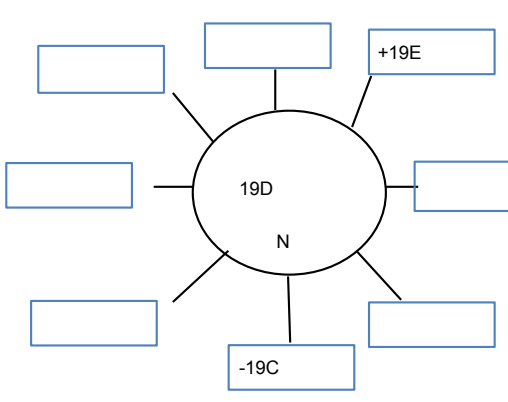
SMH-19B



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 117										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 19C Photo #2										
Street: 17 Halpin Ln. In parking lot. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	N/a	D = Defective			8" standing water where bench should be					
CHANNEL	Parged	D = Defective			Missing piece					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	14' 10"	6	PVC		0				90 degree elbow, cannot lamp
In	19D	15' 6"	8	PVC	6' & 1	0.5	0			
In	SW	15'	6	PVC	3' & 1	0.25	0			Pipe connection missing mortar
Out	19B	15' 7"	8	PVC	6'	0.75	0			At 6', Pipe bends down
Sheet Number:										

SMH-19C

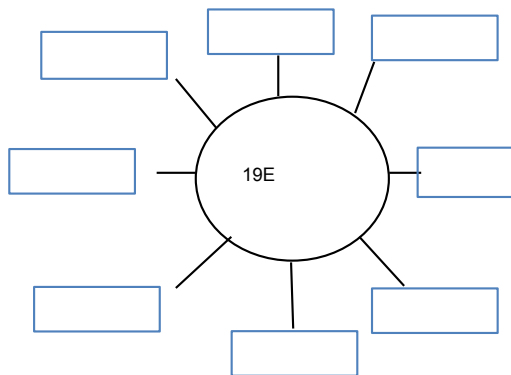


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 225										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 19D Photo #1										
Street: Ridgefield Housing Authority on Halpin City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & pre cast ring	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	19E	5' 1"	6	PVC	3'	0.75	0			At 4', service connection 9 o'clock
Out	19C	5' 2"	8	PVC	4' & 1	0.75	0			
Sheet Number:										

SMH-19D



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 19E Photo#										
Street: Ridgefield Housing Authority on Halpin City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

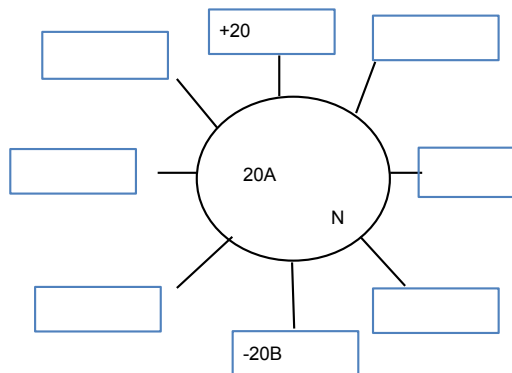


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 243										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20 Photo #21										
Street: East Ridge City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x7										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	D = Defective			Missing parging					
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20.1	4' 4"	8	VCP	2'	2	0.5			At 6', pipe starts bending left.
Out	19	4' 5"	8	Lined		2	0.5			At 1', pipe starts bending right.
Sheet Number:										

SMH-20



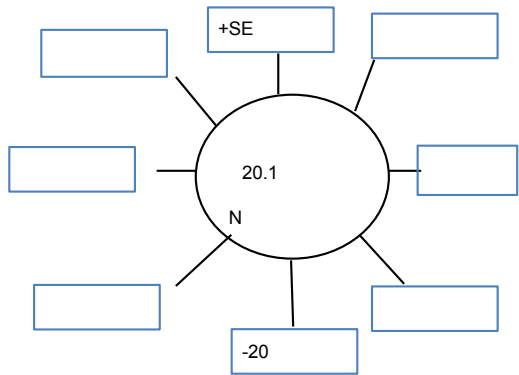
1. GENERAL INFORMATION										
Inspector: <u>SS/MK</u> Certificate #: _____ Date: <u>11/16/2016</u>										
Purpose of Survey: <u>B = Infiltration and Inflow Investigati</u> Weather: <u>Sunny</u>										
Inspection Status: <u>DI = Descent Inspection</u> Ft to Downstream MH: <u>NA</u>										
GPS Coordinates: _____ Inspection Level: <u>Level 1</u>										
2. LOCATION										
MH/Access Point Number: <u>20A</u> Photo# <u>4</u>										
Street: <u>Ramapoo Road Easement</u> City: <u>Ridgefield, CT</u>										
3. MANHOLE										
Access Type: <u>AMH = Manhole</u>										
5. COVER										
Cover Condition: <u>Sound</u>										
7. MANHOLE COVER ADJUSTMENT RING										
Grade: _____ Drainage Area: _____										
Ring Condition: _____ Below 1" _____ 10x15 _____										
General Comments: <u>Has a bolt down cover and gasket Frame.</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Precast	S = Sound								
STEPS	Vinyl coated aluminum	Sound								
WALLS	Precast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Br	S = Sound								
Surcharge from Invert: <u>None Evident X</u> Currently _____ ft Marks to _____ ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20	7'4"	8	PVC	13	0	0			
Out	20B	7'5"	8	PVC	13	0	0			
Sheet Number: _____										



MH – 20A



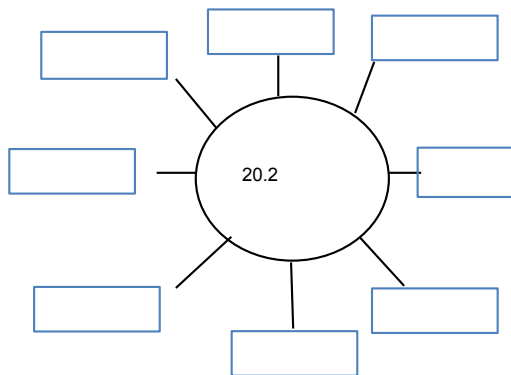
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 216										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20.1 Photo #20										
Street: 66 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Grade: Drainage Area:										
Ring Condition: 2.5" above N/a										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div> <p>No frame and cover. Pre cast ring with 30" concrete covers inplace instead</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME		Missing								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Dirt	D = Defective								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	5' 2"	6	VCP	2'	0.25				
Out	20	5' 3"	6	VCP	2'	0.25				Moderate grease. At 2', service connection 3 o'clock.
Sheet Number:										



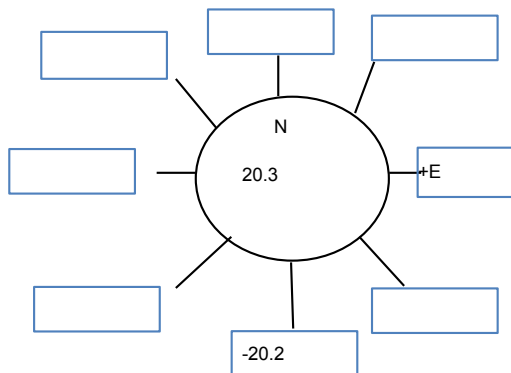
SMH-20.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level:										
2. LOCATION										
MH/Access Point Number: 20.2 Photo#										
Street: 66 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 375										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20.3 Photo #21										
Street: 66 Prospect, behind gymnasium City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" below		12x25			
General Comments: <u>Distance taken to manhole 20.1. Manhole 20.2 not found.</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Parged & brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	3' 10"	4	Cast Iron		0	0			
Out	20.2	3' 11"	4	Cast Iron		0	0			
Sheet Number:										



SMH-20.3



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 246										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20A Photo #12										
Street: 120 Prospect St. Unit 1 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SS6	7' 8"	8	PVC	2' & 1	1	0			At 2', joint is open 0.5"
Out	20B	7' 9"	8	PVC	10'	0.5	0			
Sheet Number: _____										

SMH-20A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 181										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20B Photo #13										
Street: 120 Prospect St. Unit 12 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 20x100										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20A	7' 2"	8	PVC	10'	0.5	0			
Out	20C	7' 3"	8	PVC	10'	0.5	0			
Sheet Number:										

SMH-20B

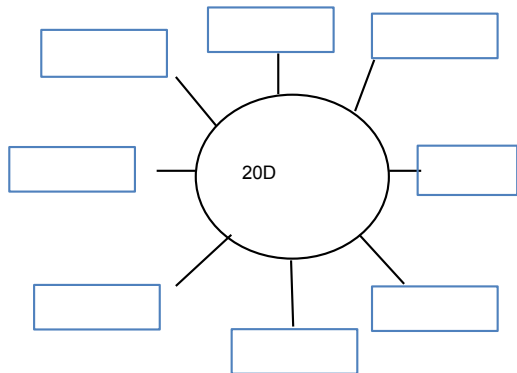


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 117										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20C Photo #14										
Street: 120 Prospect St. Unit 18 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x15										
<div style="display: flex; justify-content: space-between;"> <div> <p>General 1.5" riser</p> <p>Comments: _____</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 20C: A central circle labeled '20C' with 'N' to its right. It has four lines extending to boxes labeled '+20D' (top-left), '+20B' (top-right), '-20E' (bottom), and four unlabeled boxes (top, bottom-left, bottom-right, and one unlabeled top-right).</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing/cracked mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20D	5' 9"	6	PVC	10'	0	0			
In	20B	6' 4"	8	PVC	6'	0.75	0			At 7', service connection 1 o'clock
Out	20E	6' 5"	8	PVC	3'	0.75	0			At 4', pipe starts to bend down
Sheet Number:										

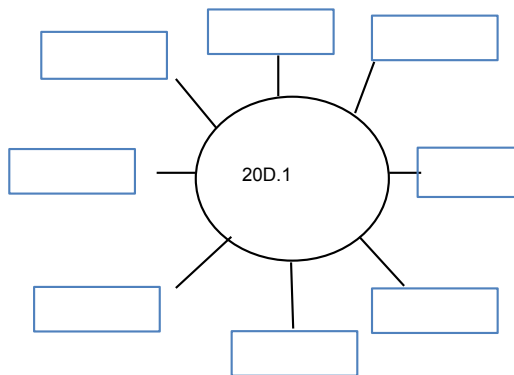
SMH-20C



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather:										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20D Photo#										
Street: 120 Prospect St. Unit 25 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20D.1 Photo#										
Street: 19 Prospect Ridge unit 25 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

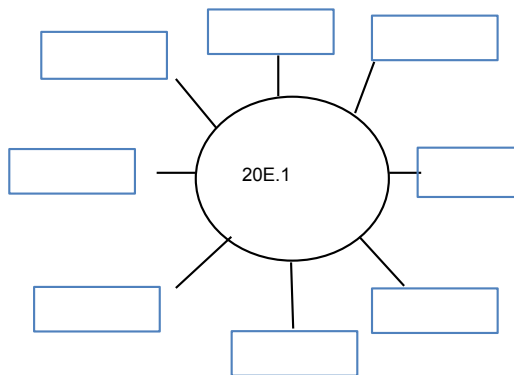


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 172										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20E Photo #15										
Street: 120 Prospect St. Unit 65 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Cracked pavement surrounding manhole</p> <p>1.5" riser</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	N/a									
STEPS	N/a									
WALLS	Brick & block	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound			Slate rock laying vertical against bench and outgoing line.					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20C	5'	8	PVC	5'	0.75	0			At 5', pipe starts bending up
In	NW	5'	6	PVC	6'	0.1	0			At 5', service connection 3 o'clock. At 6', sag in line
Out	20F	5' 1"	8	PVC	1' & 1	0.75	0			
Sheet Number:										

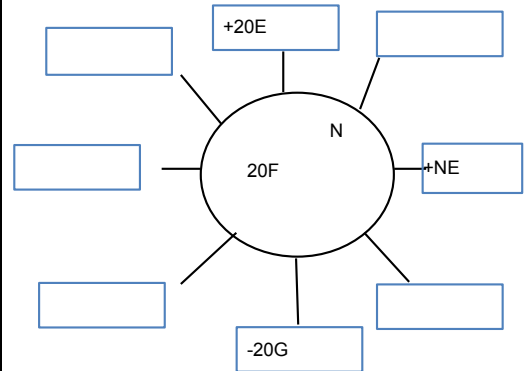
SMH-20E



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20E.1 Photo#										
Street: 19 Prospect Ridge unit 26 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 219										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20F Photo #16										
Street: 120 Prospect St. Unit 62 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 5x5										
General 1.5" riser										
Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Seam is missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20E	8'	8	PVC	4' & 1	0.75	0			
In	NE	6' 10"	6	PVC	6'	0	0			At 6', pipe bends up
Out	20G	8' 1"	8	PVC	8'	0.75	0			At 9', service connection 11 o'clock
Sheet Number:										



SMH-20F

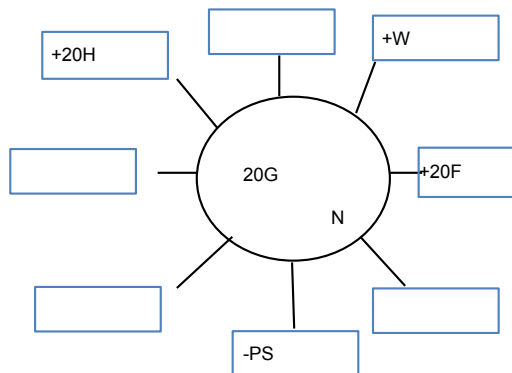


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 120										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20F.1 Photo #6										
Street: 19 Prospect Ridge unit 24 rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cannot locate manhole 20E.1</u></p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick & Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20G.1	8' 8"	6	PVC	6' & 1	0.5	0			
Out	20E.1	8' 9"	6	PVC	13'	0.75	0			
Sheet Number: _____										

SMH-20F.1



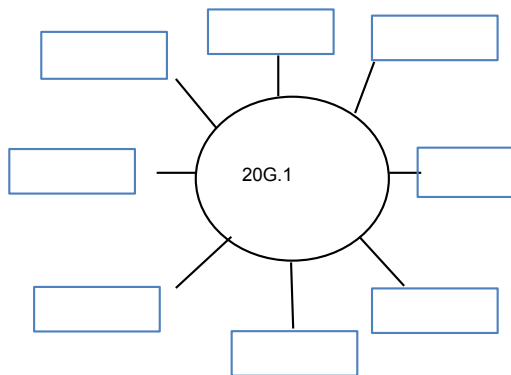
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 18										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20G Photo #17										
Street: 120 Prospect St. Unit 31 rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 2x2</div> </div>										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20H	7' 4"	8	PVC	6'	0.2	0			At 7', pipe bends right. Pipe connection missing mortar.
In	W	5' 11"	6	PVC		0.1	0			22 degree elbow, cannot lamp.
In	20F	8'	8	PVC	10'	0.75	0			
Out	PS	8' 1"	8	PVC	6'	0.75	0			Pipe connection light mineral deposits.
Sheet Number:										



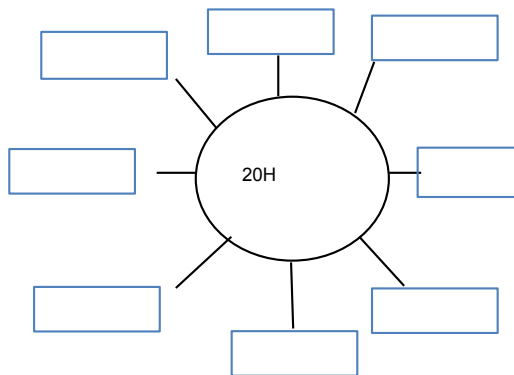
SMH-20G



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20G.1 Photo#										
Street: 19 Prospect Ridge unit 18 rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20H Photo#										
Street: 120 Prospect St. Units 41-32 Rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

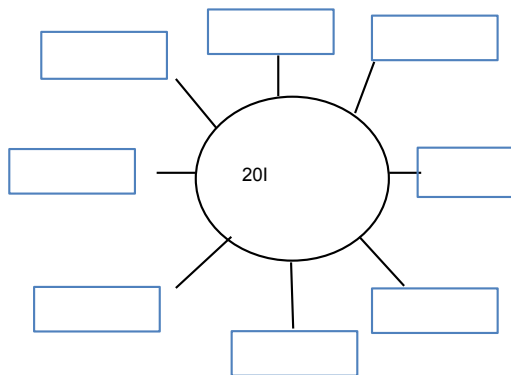


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 81										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20H.1 Photo #5										
Street: 19 Prospect Ridge unit 14 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x15										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 20H.1 showing connections to +SW, +20L.1, -20G.1, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 9.5"					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Missing mortar between frame and cone					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged & brick	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	20L.1	5' 11"	6	PVC	10'	0.1	0			At 11', service connection 3 o'clock
In	SW	5' 11"	4	PVC		0.1	0			At 4', pipe bends up
Out	20G.1	6'	6	PVC	8'	0.2	0			At 20', service connection 12 o'clock
Sheet Number:										

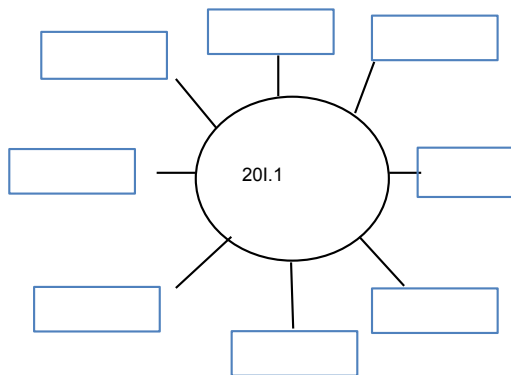
SMH-20H.1

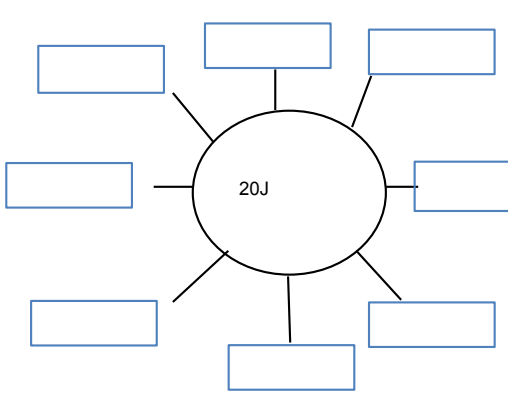


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 201 Photo#										
Street: 120 Prospect St. Units 41-32 Rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

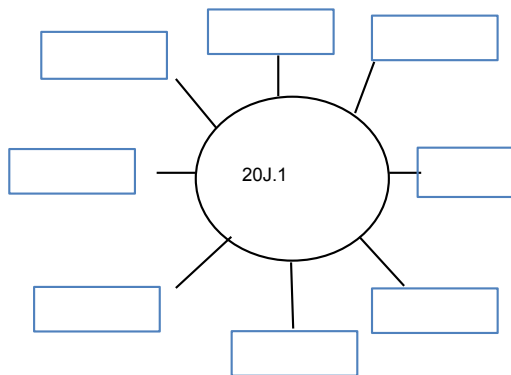


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 201.1 Photo#										
Street: 19 Prospect Ridge unit 6 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

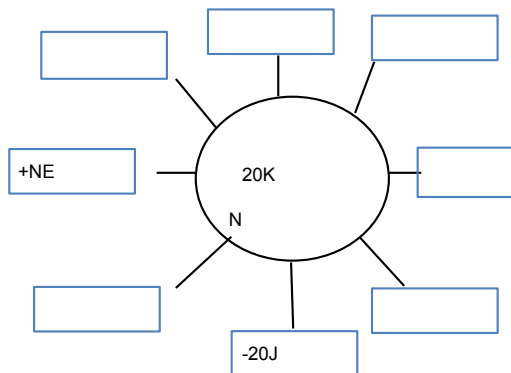


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20J Photo#										
Street: 120 Prospect St. Units 41-32 rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
										
<div style="display: flex; justify-content: space-between;"> <div>Grade: </div> <div>Drainage Area: </div> </div>										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/20/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20J.1 Photo#										
Street: 19 Prospect Ridge unit 4 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

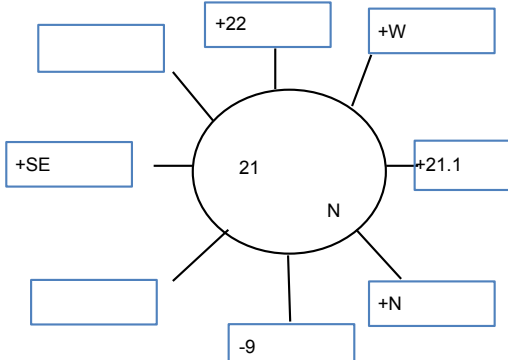


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/19/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 175										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 20K Photo #18										
Street: 120 Prospect St. Unit 46 rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & Parged	D = Defective			Missing mortar. Light roots					
CONE	Pre cast	D = Defective			Lift holes missing mortar, light roots. Seam between cone & walls, missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Missing mortar, light roots					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	7' 6"	8	PVC	10'	0	0			At 20', pipe bends right
Out	20J	7' 7"	8	PVC	6' & 1	0	0			Pipe connection light roots
Sheet Number:										



SMH-20K

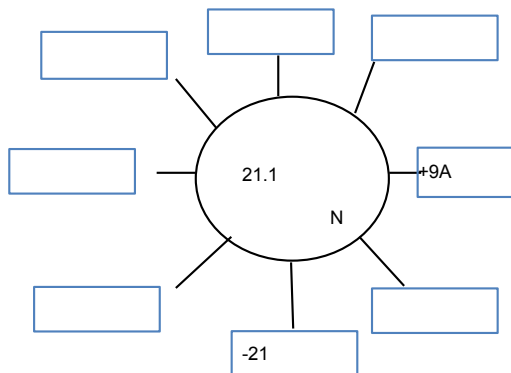


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 95										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 21 Photo #8										
Street: 520 Main St. Near brook City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					12" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General Locking cover, not locked.</p> <p>Comments: _____</p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar. Weeping					
BENCH	Parged & brick	D = Defective			Missing mortar					
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	4' 1"	5	VCP	1'					Capped off at 1'. 4.8" of mineral deposits
In	22	4' 10"	12	Lined		1.75	0			
In	W	3' 3"	6	VCP	1'	0.2				At 1', 5" of dirt
In	21.1	4' 6"	8	PVC	13'	0.25	0			
In	N	3' 8"	6	VCP	1'					Capped off at 1'
Out	9	5'	12	Lined		2.5	0			
<div style="display: flex; justify-content: space-between;"> <div>Sheet Number:</div> <div></div> </div>										

SMH-21



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 152										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 21.1 Photo #18										
Street: 520 Main St. Unit 7 rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" above</div> <div>Drainage Area: 2x2</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u> 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	9A	12'	8	PVC	13'	0.2	0			
Out	21	12' 1"	8	PVC	13'	0.2	0			
Sheet Number: _____										



SMH-21.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 151										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 22 Photo #6										
Street: 500 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 30" above 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick & Parged	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Parged	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	23	8' 3"	12	Lined		1.75	0			
In	W	7' 9"	8	PVC	13'	0.75	0	1	7	
In	NW	5' 11"	4	VCP	6"	0	0			Cemented off at 6"
Out	21	8' 4"	12	Lined		3	0			
Sheet Number:										

SMH-22



SMH-22 PIPE CONNECTION LEAK



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 42										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 22.1 Photo #18										
Street: 500 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 2" above</div> <div>Drainage Area: 2x2</div> </div>										
<div style="text-align: center;"> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & pre cast ring	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	22.2	4'	8	PVC	13'	0	0			
Out	22	4' 1"	8	PVC	6' & 1	0	0			
Sheet Number: _____										

SMH-22.1

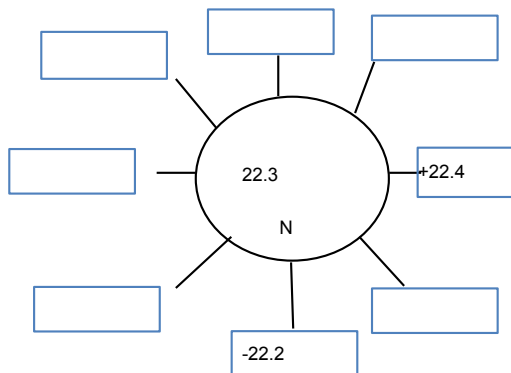


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 115										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 22.2 Photo #17										
Street: 500 Main St City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 7" above</div> <div>Drainage Area: 2x2</div> </div>										
<div style="text-align: center;"> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	22.3	6' 1"	8	PVC	13'	0	0			
Out	22.2	6' 2"	8	PVC	13'	0	0			
Sheet Number: _____										

SMH-22.2



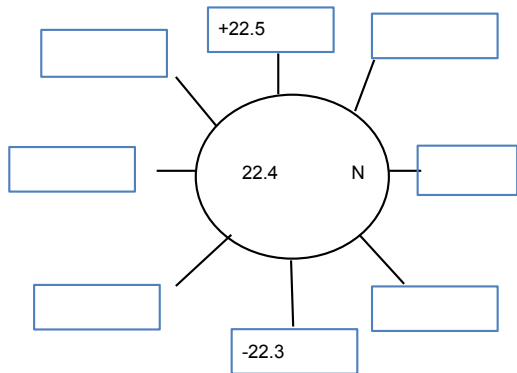
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 80										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 22.3 Photo #16										
Street: 500 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x10			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	22.4	6' 7"	8	PVC	6'	0	0			At 7', service connection 9 o'clock
Out	22.2	6' 8"	8	PVC	13'	0	0			
Sheet Number:										



SMH-22.3



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 68										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 22.4 Photo #19										
Street: 500 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1.5" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	22.5	7' 2"	8	PVC	13'	0	0			
Out	22.3	7' 3"	8	PVC	13'	0	0			
Sheet Number:										



SMH-22.4



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 105										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 22.5 Photo #20										
Street: 500 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	22.6	7'	8	PVC	6' & 1	0.1	0			
In	S	7'	4	PVC	10'	0	0			
Out	22.4	7' 1"	8	PVC	13'	0.1	0			
Sheet Number:										

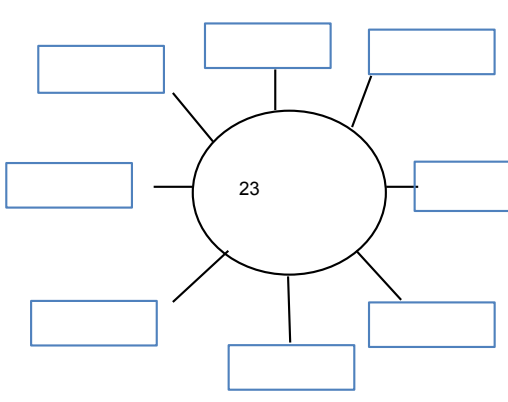
SMH-22.5



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 106										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 22.6 Photo #21										
Street: 500 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	22.5	5' 10"	8	PVC	6'	0	0			At 7', service connection 9 o'clock. At 8' service connection 9 o'clock.
Sheet Number:										

SMH-22.6



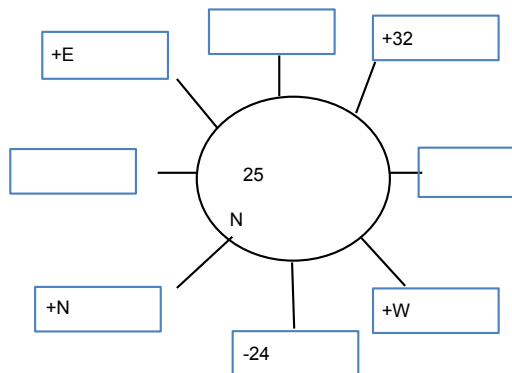
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 23 Photo#										
Street: 490 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 199										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 24 Photo #5										
Street: 25 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x40										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Bolt down cover w/no bolts</p> <p>Comments: _____</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	D = Defective			Missing mortar. Light mineral deposits					
STEPS	Steel	Defective			Rusted					
WALLS	Brick	D = Defective			Missing mortar. Light mineral deposits					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	25	9' 7"	12	Lined		3	0			
In	S	9'	12	VCP		0	0			Cemented off at wall
In	W	6'	6	PVC	13'	0.25	0			Pipe connection missing mortar
In	NW	7' 4"	3	Cast Iron		0.1	0			2.75" of mineral deposits. Pipe connection missing
Out	23	9' 8"	12	Lined		3	0			
Sheet Number: _____										

SMH-24



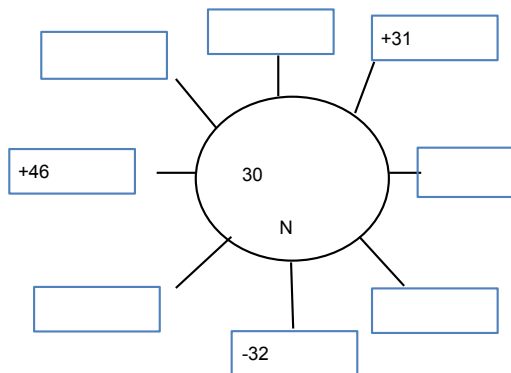
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 175										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 25 Photo #8										
Street: Bailey Ave./Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments: 2.5" riser and 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar, light mineral deposits					
BENCH	Parged	S = Sound								
CHANNEL	Lined	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	5' 11"	4	VCP	10"	Drippi	0			At 10", capped off
In	E	5' 11"	8	VCP		Drippi				At 6", full pipe of dirt
In	32	8' 3"	12	Lined		3	0			
In	W	6' 3"	8	VCP		Drippi	0			At 1', capped off
Out	24	8' 4"	12	Lined		3	0			
Sheet Number:										



SMH-25



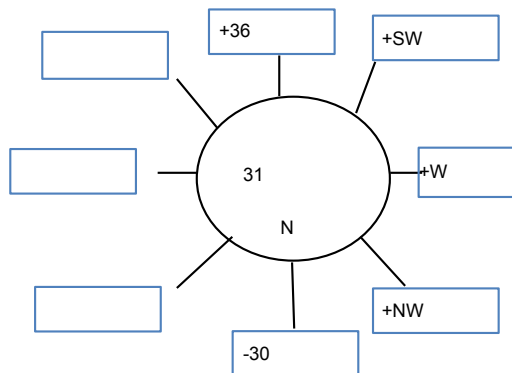
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 67										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 30 Photo #19										
Street: Bailey Ave. at utility pole 564-8 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x3</div> </div>										
General Comments: 6" cast iron pipe running NE through manhole _____ _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Offset 8"					
CHIMNEY	Brick	S = Sound								
CONE	Brick	D = Defective			Missing mortar. Weeping					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	46	7' 9"	12	Lined		2	0			
In	31	7' 9"	8	VCP	2'	0.75	0			
Out	32	7' 9"	12	Lined		2.5	0			
Sheet Number: _____										



SMH-30



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 90										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 31 Photo #6										
Street: 38 Bailey Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1.25" below</div> <div>Drainage Area: 4x6</div> </div>										
General Comments: 1" riser and 1.5" riser. Risers need replacing. Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Brick	D = Defective			Missing mortar					
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	36	6' 5"	12	VCP	3'	1	0			1st joint, light mineral deposits
In	SW	4' 4"	4	VCP		0				At 10", full pipe of dirt.
In	W	6' 5"	8	VCP	3'	0.1	0.25			1st, 2nd, and 3rd joints, light mineral deposits.
In	NW	4' 7"	4	VCP		0	3			At 1', capped off
Out	30	6' 6"	12	VCP	2'	1	0			
Sheet Number:										



SMH-31



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 117										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 32 Photo #7										
Street: Bailey Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" below</div> <div>Drainage Area: 3x5</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments: Cracked pavement surrounding manhole</p> <p>1.5" riser and 2" riser. Risers need replacing.</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Parged	S = Sound								
STEPS	Steel	Sound								
WALLS	Parged	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	7' 3"	5	ACP	13'	0.25	0			
In	30	7' 8"	12	Lined		3	0			
In	33	7' 5"	6	ACP	13'	0.5	0			
Out	25	7' 9"	12	Lined		3	0			
Sheet Number:										

SMH-32

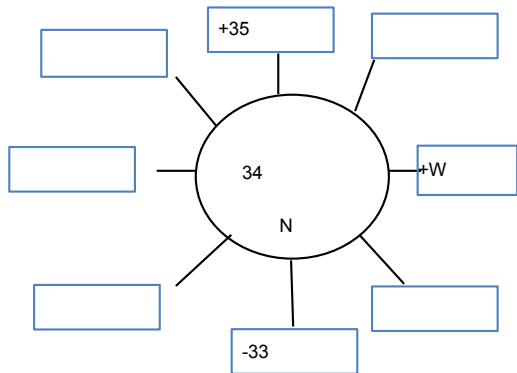


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 413										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 33 Photo #20										
Street: 470 Main St. Rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Grade: Drainage Area:										
Ring Condition: At 4x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged & pre cast ring	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged & poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	34	8' 1"	8	ACP	13'	0.25	0			
In	W	7' 8"	8	ACP	13'	0.2	0			
Out	32	8' 2"	8	ACP	13'	0.5	0			
Sheet Number:										

SMH-33



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 136										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 34 Photo #21										
Street: 452 Main St. Rear by jersey barriers City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
At 3x5										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick & Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	35	6' 11"	8	VCP	3'	0.75	0			
In	W	6'	5	VCP	2'	0	0			All visible joints, misaligned
Out	33	7'	8	ACP	13'	0.75	0			
Sheet Number:										



SMH-34



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 213										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 35 Photo #22										
Street: 424 Main St. mRear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	N/a									
STEPS	Steel	Defective			Rotted off					
WALLS	Parged	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound			1" of grease					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	5' 11"	8	VCP	1'	0	0			At 1', changes to 5" VCP 2' long
In	SW	4' 9"	5	VCP	2'	0.25	0			
In	W	4' 11"	5	VCP	6"	0	0			Capped off at 6"
In	NW	4' 6"	6	PVC	13'	0	0			
Out	34	6'	8	VCP	2'	0.5	0			
Sheet Number:										

SMH-35



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 105										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 36 Photo #5										
Street: 31 Bailey Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" below		3x6			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Cracked pavement surrounding manhole</p> <p>2" riser and 1.5" riser. Risers need replacing.</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & steel plate	S = Sound			Missing mortar between steel plate and walls					
CONE	N/a									
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	37	5' 6"	12	Lined		1	0			Pipe connection missing mortar, light mineral deposits
In	SW	5'	6	PVC	10'	0.5	0			
Out	31	5' 7"	12	VCP	3'	1	0			
Sheet Number:										

SMH-36

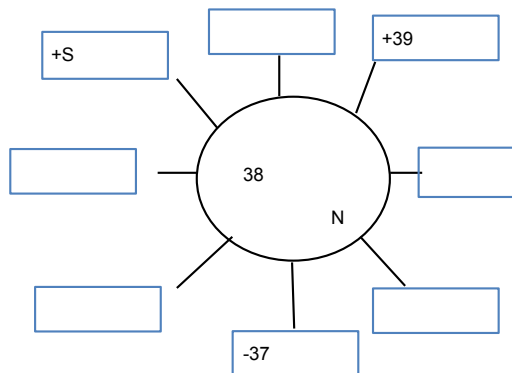


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sound										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 264										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 37 Photo #4										
Street: 24 Bailey Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x6			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 37 showing connections to +SE, +S, +38, -36, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Brick	S = Sound								
STEPS	Brick	Defective								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	5' 2"	6	VCP	2'	0	0			At 14', changes to 4" PVC
In	S	5' 6"	6	VCP	2'	0	0.5			At 2', capped off
In	38	7' 7"	12	VCP	3'	0.75	0			
Out	36	7' 8"	12	Lined		0.75	0			
Sheet Number:										

SMH-37



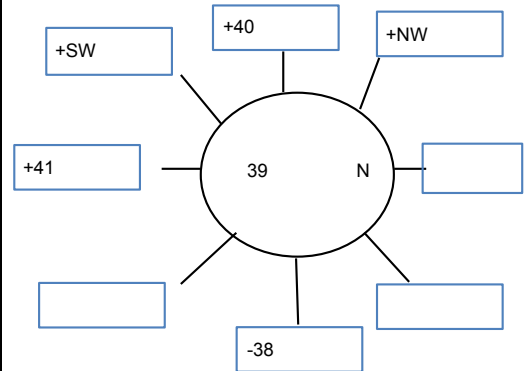
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 91										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 38 Photo #3										
Street: 27 Bailey Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x8</div> </div>										
General Comments: Cracked pavement surrounding manhole 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Brick	Defective			Not safe					
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	3' 3"	6	VCP	4'	0.2	0			Pipe connection missing mortar
In	39	6' 6"	12	VCP	3'	0.75	0			
Out	37	6' 7"	12	VCP	3'	0.75	0			
Sheet Number:										



SMH-38



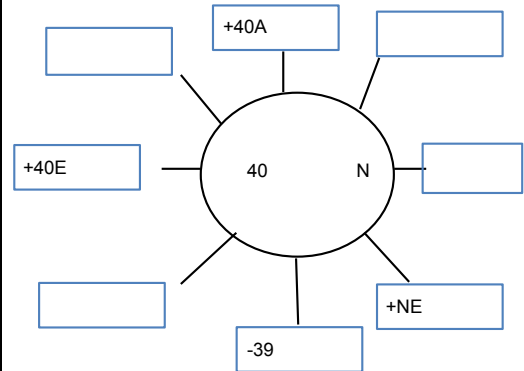
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 145										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 39 Photo #2										
Street: 18 Bailey Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x5</div> </div>										
General Comments: Cracked pavement surrounding manhole 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	D = Defective			Missing mortar					
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	41	7' 11"	8	VCP	3'	0.5	0			
In	SW	7' 8"	6	VCP		0				At 1', full pipe of dirt.
In	40	8' 3"	12	VCP	2'	0.5	0			
In	NW	7' 8"	6	VCP		0	0			At 1', capped off
Out	38	8' 4"	12	VCP	2'	0.75	0			
Sheet Number:										



SMH-39



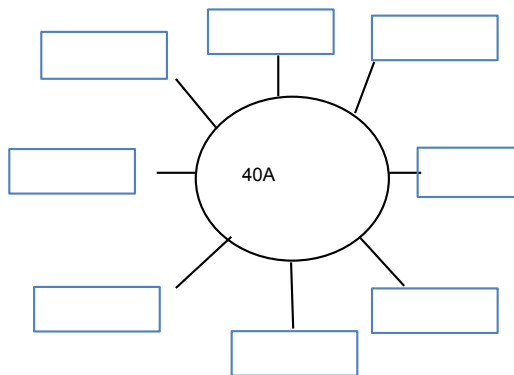
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 172										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 40 Photo #1										
Street: 3 Bailey Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
Grade: Drainage Area:										
0.5" below 3x3										
General Comments: Cracked pavement surrounding manhole										
0.75" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	40E	6' 4"	8	VCP	3'	0.5	0			
In	40A	6' 8"	12	VCP	4'	0.2	0			
In	NE	5' 2"	6	VCP	2'	0.2	0			
Out	39	6' 9"	12	VCP	4'	0.5	0			
Sheet Number:										



SMH-40



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/7/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 40A Photo#										
Street: Bailey Ave./Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 113										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 40D Photo #2										
Street: 390 Main St. Rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 0.75" below		Drainage Area: 4x10			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Offset 2"					
CHIMNEY	Brick	D = Defective			Missing bricks/mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	4' 8"	5	VCP	2'	0	0.5			At 6', pipe bends left
In	SW	5' 6"	8	VCP	3'	0.5	0			
In	W	4' 9"	5	VCP	1'	0	1			Capped off at 1'
In	NW	4' 9"	6	VCP	2'	0	0			At 2', pipe starts bending left
In	N	4' 9"	4	VCP	1' & 2'	0	0			At 1', pipe starts bending left
Out	40E	5' 7"	8	VCP	3'	0.5	0			
<div style="display: flex; justify-content: space-between;"> <div>Sheet Number:</div> <div></div> </div>										

SMH-40D



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 95										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 40E Photo #3										
Street: 400 Main St. Rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 8x70										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '40E' with 'N' below it. Six lines radiate from the circle to boxes labeled: +40D (top right), +W (right), +NW (bottom right), -40 (bottom), and two empty boxes (top left and middle left).</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	N/a									
STEPS	N/a									
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	40D	3' 4"	8	VCP	3'	0.5	0			
In	W	2' 9"	4	ACP	13'	0.1	0			
In	NW	3' 2"	4	ACP	13'	0	0			
Out	40	3' 5"	8	VCP	3'	0.5	0			
Sheet Number:										

SMH-40E



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 103										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: Photo #4										
Street: 18 Bailey Ave. Rear City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '41' with an 'N' below it. Six lines radiate from the circle to six rectangular boxes. The boxes are labeled as follows: top-left (empty), top-right (+42), right (+SW), bottom-right (empty), bottom (-39), and left (empty).</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	D = Defective			Missing mortar. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	42	9' 3"	5	Orangeburg	3'	0.5	0			
In	SW	4' 6"	8	VCP	2'	0.1	0			First 2', multiple cracks. At 2', changes to 6" VCP
Out	39	9' 4"	8	VCP	2'	0.5	0			
Sheet Number:										

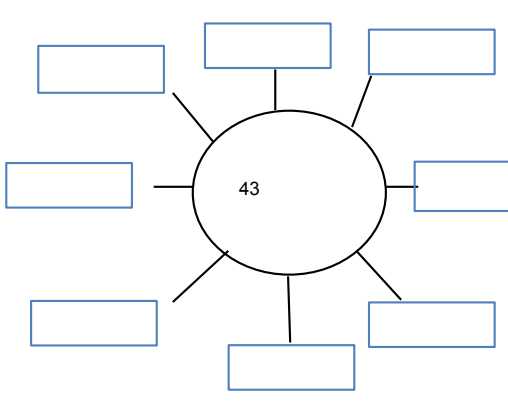
SMH-41



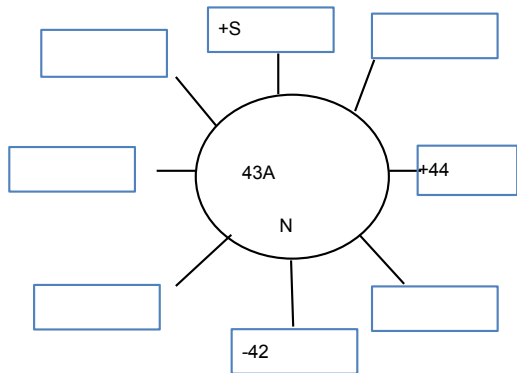
1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 5/18/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 175										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 42 Photo #1										
Street: Governor St. Merchants Plaza City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 100x25										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 3"					
CHIMNEY	Brick & block	D = Defective			Missing block/mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	7' 9"	6	VCP	1'	0.1	0			At 1', stone and dirt exposed
In	SE	4' 11"	4	PVC		0				inside drop w/downspout. Cannot lamp
In	43	8' 4"	8	VCP	2'	0.25	0			Misaligned joints throughout
In	W	5' 6"	5	VCP	2'	0	0			1st joint offset 1". At 4', pipe bends left.
Out	41	8' 5"	8	VCP	2'	0.25	0			
Sheet Number:										

SMH-42



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 43 Photo#										
Street: 8 Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
										
<div style="display: flex; justify-content: space-between;"> <div>Grade: </div> <div>Drainage Area: </div> </div>										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

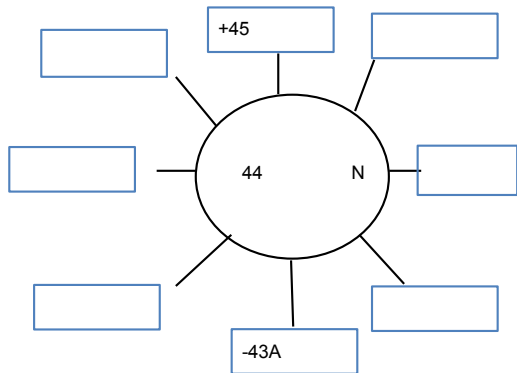
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 163										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 43A Photo #26										
Street: 8 Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" below 4x8										
General 1" riser										
Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and chimney.					
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	5' 2"	4	PVC		0.1	0			At 4', starts bending left.
In	44	7'	8	Lined		0.75	0			
Out	42	7' 1"	8	VCP	2'	0.75	0			
Sheet Number:										



SMH-43A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 163										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 44 Photo #27										
Street: Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: 1" below Drainage Area: 4x4 </div>										
General Comments: Cracked/missing pavement surrounding manhole 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	45	7' 6"	8	VCP	1'	0.25	0			At 1', moderate roots.
Out	43A	7' 7"	8	VCP	1' & 2'	0.25	0			At 3', full pipe of roots
Sheet Number:										



SMH-44

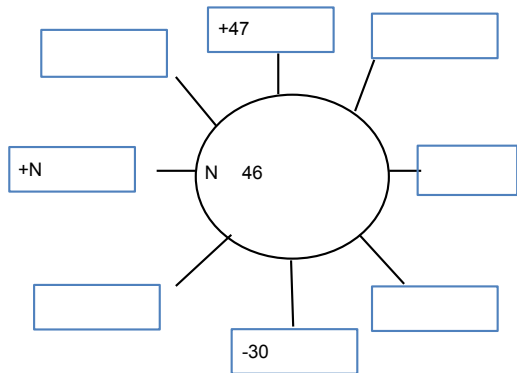


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 69										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 45 Photo #28										
Street: Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" below		4x4			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Cracked pavement surrounding manhole</p> <p>1.5" riser</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and chimney					
CHIMNEY	Brick	D = Defective			Missing mortar, light roots					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	N/a									
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	7' 5"	6	VCP	2'	0	0			
Out	44	7' 6"	6	VCP	2'	0	0			
Sheet Number:										

SMH-45



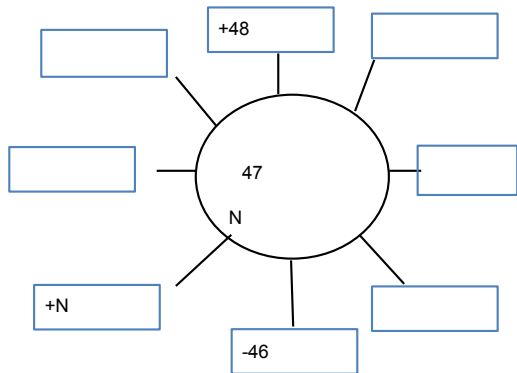
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 136										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 46 Photo #17										
Street: 30 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & Parged	S = Sound								
CONE	Block	S = Sound								
STEPS	Steel	Defective			Rusted					
WALLS	Block	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	8' 1"	5	ACP	13'	0.25	0			
In	47	9' 1"	12	Lined		5	0			Pipe connection weeping
Out	30	9' 2"	12	Lined		5	0			Pipe connection weeping
Sheet Number: _____										



SMH-46



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 116										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 47 Photo #18										
Street: 32 Prospect St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 8" below		Drainage Area: 8x10			
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective			Rusted					
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged & brick	S = Sound								
CHANNEL	Parged & brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	9'	5	VCP		0.1				4.9" of mineral deposits
In	48	11' 5"	12	Lined		2	0			
Out	46	11' 6"	12	Lined		2	0			
Sheet Number:										



SMH-47



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 130										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 48 Photo #16										
Street: 41 Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1' above</div> <div>Drainage Area: 2x2</div> </div>										
<div style="text-align: center;"> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound			SE side has 12" of mineral deposits					
CHANNEL	Brick	S = Sound			3" sanitary solids					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	3' 9"	5	VCP	2'	0	0.5			Capped off at 2'
In	SE	3' 11"	5	VCP	2'	0	0.5			Capped off at 2'
In	49	7' 9"	12	PVC	3' & 1	3	0			
Out	47	7' 10"	12	Lined		4	0			
Sheet Number: _____										

SMH-48



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 395										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 49 Photo #15										
Street: 41 Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole 49: A central circle labeled '49' with 'N' below it. Lines radiate from the circle to six rectangular boxes. Clockwise from top-right, the boxes are labeled: '+49A', '+SW', '-48', and three empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar. Loose blocks					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	49A		12	PVC	3' & 1'	3	0			
In	SW		2	PVC		0				Two 2" PVC pipes. Inside drop w/downspout, cannot lamp.
Out	48		12	PVC	3' & 6'	3	0			
Sheet Number:										

SMH-49



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 133										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 49A Photo #14										
Street: 41 Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>Grade:</p> <p>Drainage Area:</p> </div> <div style="text-align: center;"> </div> </div>										
<p>General _____</p> <p>Comments: _____</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Offset 3"					
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	50	5' 6"	12	PVC	3' & 8'	3	0			
Out	49A	5' 7"	12	PVC	5' & 1'	3	0			
Sheet Number: _____										

SMH-49A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 136										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 50 Photo #13										
Street: 41 Governor St. At Entrance City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 6x25										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cover is marked drain</u></p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 8"					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	51	9' 3"	10	Lined		4.5	0			
Out	49A	9' 4"	12	PVC	13	2.5	0			
Sheet Number:										

SMH-50

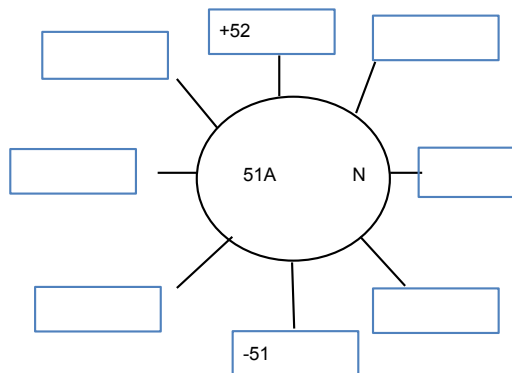


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 48										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 51 Photo #24										
Street: 41 Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 4x7</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General 1.5" riser</p> <p>Comments: Cracked pavement surrounding manhole</p> </div> <div style="flex: 1; text-align: center;"> <p>A circular diagram representing a manhole. In the center is a circle labeled '51' with an 'N' below it. Six lines radiate from the circle to six rectangular boxes. Clockwise from the top, the boxes are labeled: '+56', '+51A', '-50', '+E', and two empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	10' 1"	10	VCP		0	10			Full pipe of dirt
In	56	10' 8"	12	VCP	2'	3.5	0			
In	51A	5' 5"	12	Lined		3.5	0			Outside drop.
Out	50	10' 9"	8	ACP	13'	0.25	0			
Sheet Number:										

SMH-51



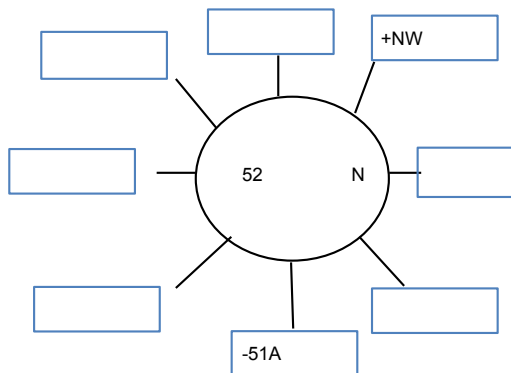
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 202										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 51A Photo #23										
Street: 27 Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" below 3x7										
General 1.5" riser										
Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	ACP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	52	5' 2"	8	ACP	13'	0.2	0			
Out	51	5' 3"	8	ACP	13'	0.2	0			
Sheet Number:										



SMH-51A



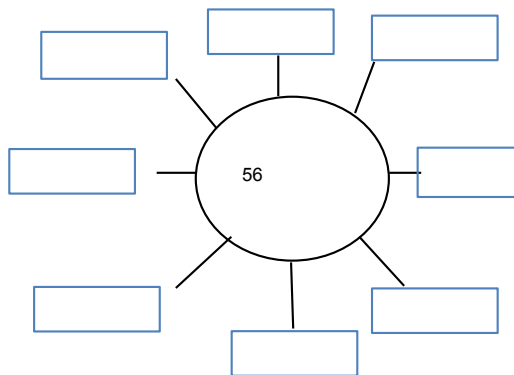
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 173										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 52 Photo #25										
Street: 27 Governor St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x7										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	4' 3"	6	ACP	13'	0.2	0			
Out	51A	4' 4"	8	ACP	13'	0.2	0			
Sheet Number: _____										



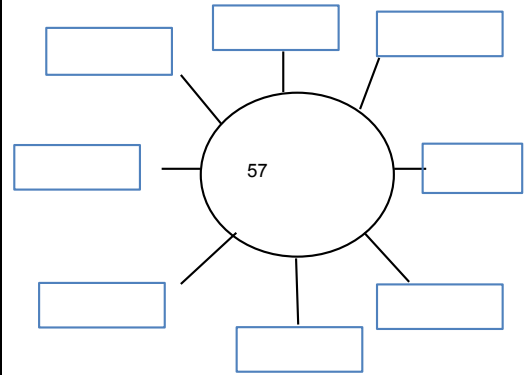
SMH-52



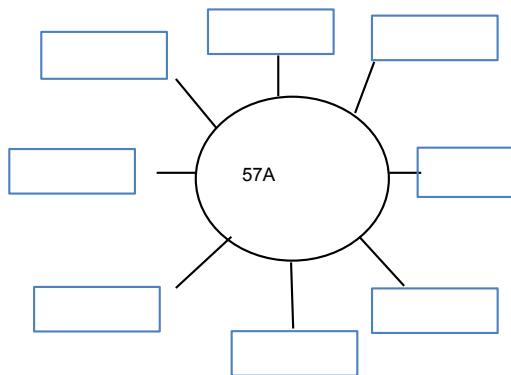
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 56 Photo#										
Street: Veterans Park Field City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 57 Photo#										
Street: Veterans Park Field City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

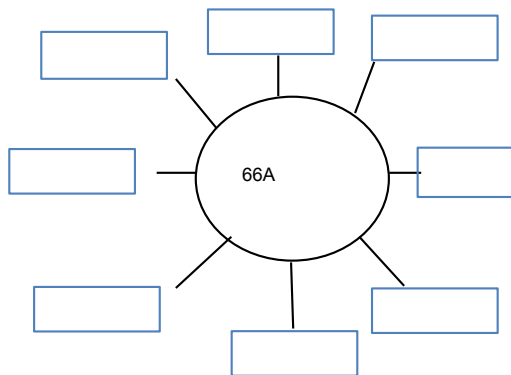


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 57A Photo#										
Street: Veterans Park Field City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: BM = Buried and Marke Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 66 Photo#										
Street: 14 Market St. City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments: <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH/TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level:										
2. LOCATION										
MH/Access Point Number: 66A Photo#										
Street: Market St. near Main st. City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
<p>General Manhole at end of street near main st. Is water main.</p> <p>Comments: </p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
<p>Surcharge from Invert: None Evident Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 134										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 71.2 Photo #2										
Street: 54 Branchville Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective								
BENCH	None	D = Defective								
CHANNEL	Block	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	71.3	3' 6"	8	PVC	13'	0.1	0			Pipe connection missing mortar
In	SW	2' 8"	2	PVC		0	0			Pipe connection missing mortar. At 3', bends down
Out	71.1	3' 7"	8	PVC	13'	0.1	0			
Sheet Number:										

SMH-71.2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 180										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 71.4 Photo #24										
Street: 63 Rockwell Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 1" below		Drainage Area: 2x8			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and chimney, light roots.					
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Block	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	71.5	3' 6"	6	PVC	4'	0.25	0			
In	W	3' 6"	4	PVC	6'	0	0			
Out	71.3	3' 7"	6	PVC	13'	0.25	0			
Sheet Number:										

SMH-71.4

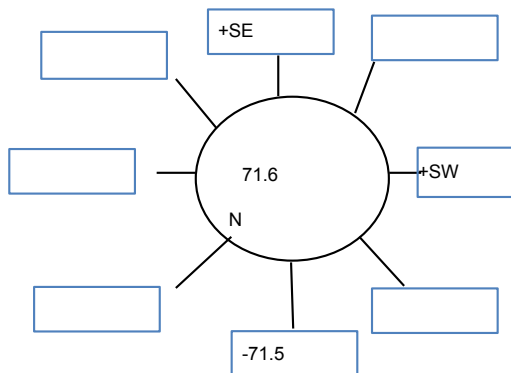


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 94										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 71.5 Photo #23										
Street: 63 Rockwell Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x15										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Cement block	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	71.6	3' 3"	6	PVC	8'	0.25	0			
Out	71.4	3' 4"	6	PVC	8'	0.25	0			
Sheet Number:										

SMH-71.5

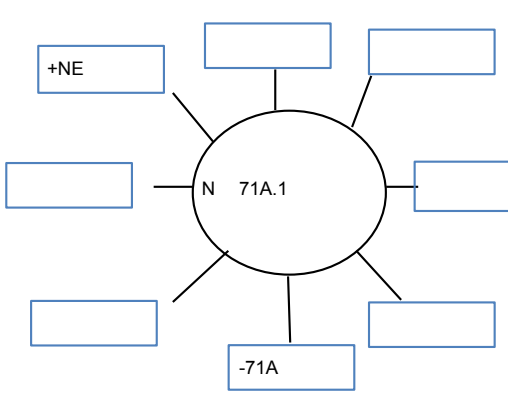


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 189										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 71.6 Photo #22										
Street: 61 Rockwell Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		3x10			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast Iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar.					
BENCH	None	D = Defective			Not cemented					
CHANNEL	Block & Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	3' 4"	4	PVC	13'	0	0			Pipe connection missing mortar
In	SW	3' 4"	4	PVC	10'	0	0			Pipe connection missing mortar
Out	71.5	3' 5"	6	PVC	13'	0	0			Pipe connection missing mortar
Sheet Number:										

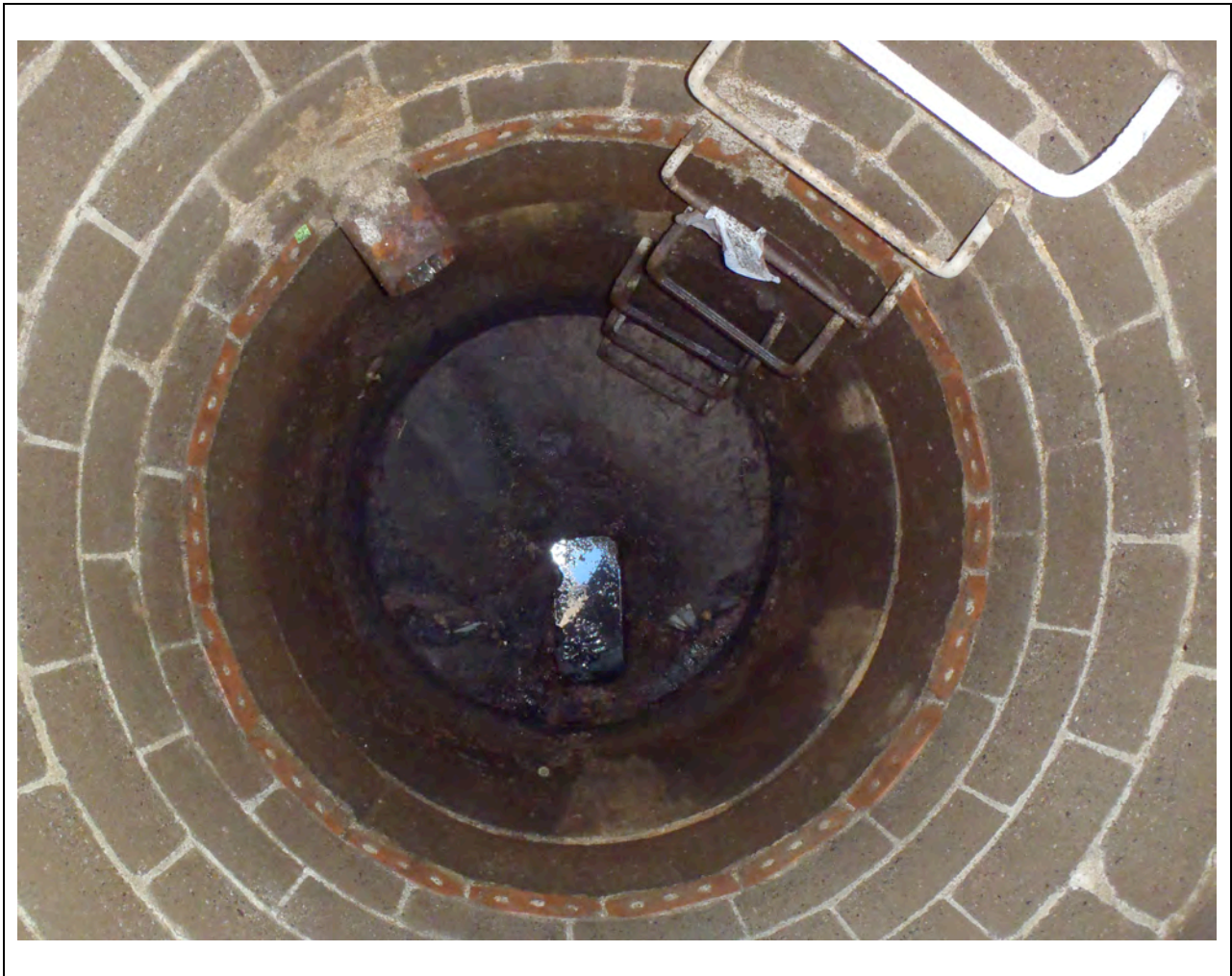


SMH-71.6

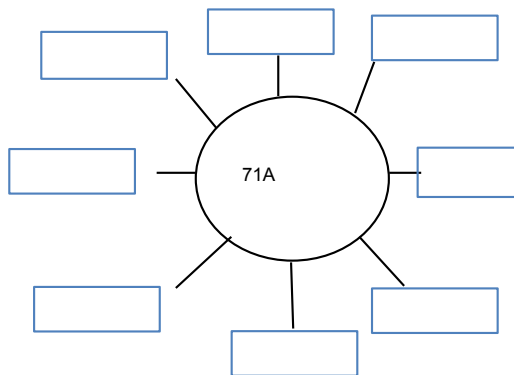


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 146										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 71A.1 Photo #1										
Street: East Ridge Middle School City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3" above		2x2			
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cover is a locking cover.</u></p> <p>Comments: _____</p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Block	S = Sound								
STEPS	Aluminum & steel	Sound								
WALLS	Block & brick & pre cast	S = Sound			Seams missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	5' 7"	4	Cast Iron		0	0			
Out	71A	12'	8	VCP	3'	1	0			
Sheet Number:										

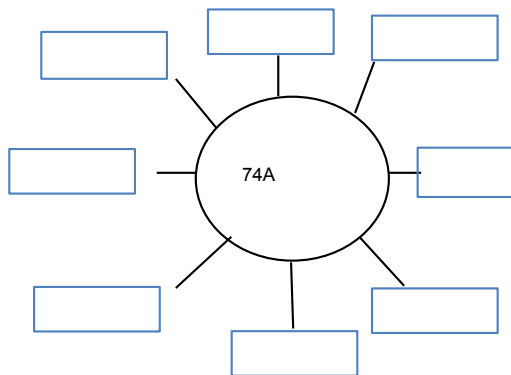
SMH-71A.1

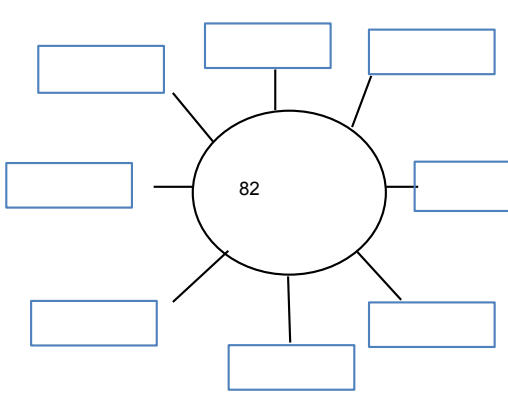


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: BM = Buried and Marke Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 71A Photo#										
Street: East Ridge Middle School City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
<p>General Manhole is located in the Middle School soccer field, buried by at least 3" of dirt.</p> <p>Comments: _____</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number: _____										



1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 74A Photo#										
Street: Between 62 and 74 Prospect Ridge City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 82 Photo#										
Street: 24 Branchville Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

2016 RIDGEFIELD MANHOLE INSPECTION REPORT

Prepared for:

AECOM
250 Apollo Drive
Chelmsford, MA 01824

Prepared by:

EST Associates, Inc.
51 Fremont Street
Needham, MA 02494

Book 4
Manhole ID: 83-162

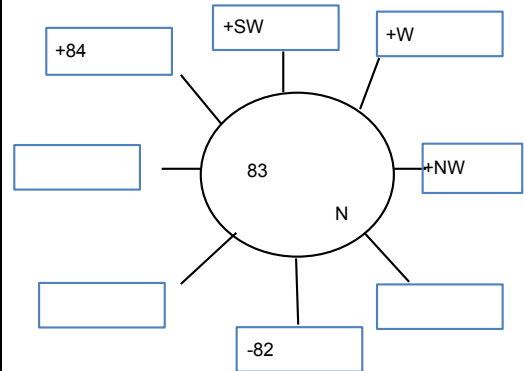
**2016 Manhole Inspections
Ridgefield, CT
Book 4
Manhole ID: 83-162**

Manhole ID	Photo ID	Address
83	3	200 Main St.
88	4	94 Main St.
92A		2 Main St.
95A		398 Main St.
102A	20	53 Main St.
102B	21	51 Main St.
105		99 Main St.
106		10 West Ln.
108		29 West Ln.
110	19	West Ln./High Ridge Ave.
116	5	80 Grove St.
116.1	20	22-25 Olcott Way
117	6	90 Grove St.
119	4	Grove St.
120	3	Grove St./Danbury Rd.
121	2	14-24 Danbury Rd.
122	15	12 Danbury Rd.
123	13	Danbury Rd./Main St.
123B	1	613 Main St.
123B.1	22	613 Main St.
124	14	18 N Salem Rd.
125		Main St./Pound St.
126		599 Main St.
126A	8	599 Main St.
126.1	7	599 Main St.
127	10	593 Main St.
127A	9	593 Main St.
128		533 Main St.
129	20	549 Main St.
129A	19	549 Main St.
129B	17	12 New St.
130	18	8 New St.

131	16	11 New St.
131A	2	7 New St.
131B	3	7 New St.
131C	4	11 New St.
132	1	40 Gilbert St.
133	1	28 Gilbert St.
133A	16	25 Gilbert St.
133B	14	25 Gilbert St.
133B.1	17	25 Gilbert St.
133C	13	25 Gilbert Ave
133C.1	12	25 Gilbert St. Unit F7
133D	11	25 Gilbert St.
133E	13	25 Gilbert St. Unit E8
133F	12	25 Gilbert St. Unit D2
134	3	46 Gilbert St.
134.1		32 Gilbert St.
134.2	2	28 Gilbert St.
135	4	48 Gilbert St.
136	21	28 Abbott Ave.
136A	18	4 Abbott Ave.
136B	20	26 Abbott Ave.
136C	19	12 Abbott Ave.
136D		8 Abbott Ave
137	9	29 Abbott Ave.
137A	8	29 Abbott Ave
137B	7	36 Catoonah St. Unit 11
137C	14	36 Catoonah St. Unit 7
137C.1	15	36 Catoonah St. Unit 6
137D	16	36 Catoonah St. Unit
138	10	31 Abbott Ave.
138A		29 Abbott Ave.
138B		52 Catoonah St.
138C	17	48 Catoonah St.
139	6	Ramapoo Rd./Gilbert St.
139.1	5	2 Ramapoo Rd.
140		223 High Ridge Ave.
141A		201 High Ridge Ave.
142	10	188 High Ridge Ave.
143		173 High Ridge Ave.
144		21 Ramapoo St
145	6	21 Ramapoo St.
147	7	213 High Ridge Ave. Unit 2
147A	5	21 Ramapoo St.

149	10	16 Mulvaney Ct.
149A		15 Mulvaney Ct.
149B	12	12 Barry Ave.
149C	8	14 Mulvaney Ct.
149.1	9	16 Mulvaney Ct.
149.2	11	16 Mulvaney Ct.
152	15	10 Barry Ave.
152A	11	6 Barry Ave.
153	14	14 Barry Ave.
153A		14 Barry Ave.
154	12	20 Barry Ave.
155	6	Greenfield st. @ Barry Ave.
156	13	42 Barry Ave.
156S		33 Barry Ave.
157	14	44 Barry Ave.
157A	13	53 Barry Ave.
157S		Barry Ave/Fairview Ave.
157T	15	46 Barry Ave.
157T.1	16	52 Barry Ave.
158		20 Fairview Ave.
159	7	14 Greenfield Ave.
160	8	Bryon Ave./Greenfield Ave.
161	9	43 Bryon Ave.
161A	17	43 Byron Ave.
162		15 Fairview Ave.

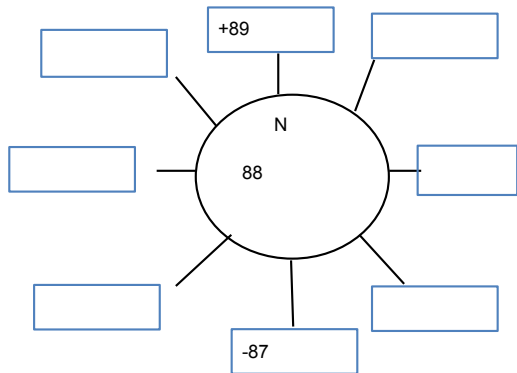
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 280										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 83 Photo #3										
Street: 200 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 2" below		Drainage Area: 2x10			
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Brick	Defective			Not Safe					
WALLS	Brick	S = Sound			Missing mortar					
BENCH	Parged	S = Sound			Two large ~15" rocks on the bench.					
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	84	10' 4"	12	Lined		1	0			
In	SW	5' 2"	6	PVC	13'	>0.1	0			
In	W	7' 10"	6	VCP	1'	0.25	0			1st joint offset 0.75". At 2', pipe bends right.
In	NW	5' 1"	4	PVC	2'	0	0			At 2', full pipe of sand.
Out	82	10' 5"	12	Lined		1.5	0			
Sheet Number: _____										



SMH-83

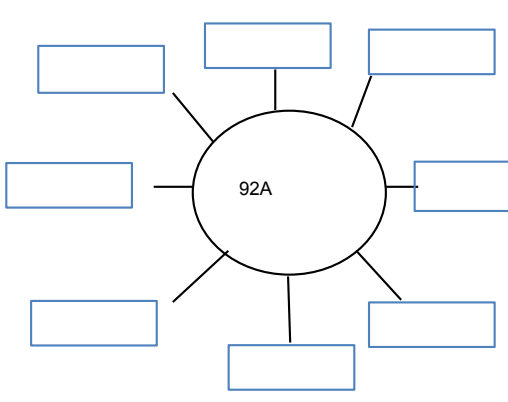


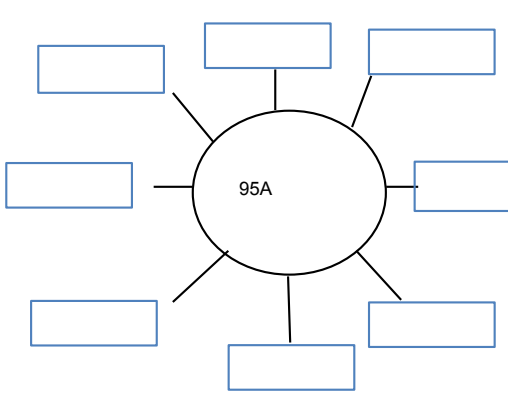
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 117										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 88 Photo #4										
Street: 94 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1' below		10x8			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Defective			Deteriorating					
WALLS	Brick	S = Sound								
BENCH	Parged	D = Defective			Missing parging					
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	89	9' 5"	12	Lined		1.5	0			
Out	87	9' 6"	12	Lined		1.5	0			
Sheet Number:										



SMH-88



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/14/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 92A Photo#										
Street: 2 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
										
<div style="display: flex; justify-content: space-between;"> <div>Grade: </div> <div>Drainage Area: </div> </div>										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

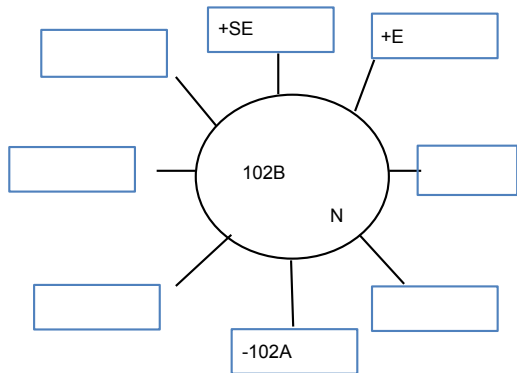
1. GENERAL INFORMATION																		
Inspector: JH, TZ Certificate #: Date: 6/13/2016																		
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny																		
Inspection Status: NF = Not Found Ft to Downstream MH:																		
GPS Coordinates: Inspection Level: Level 1																		
2. LOCATION																		
MH/Access Point Number: 95A Photo#																		
Street: 398 Main St. City: Ridgefield, CT																		
3. MANHOLE																		
Access Type:																		
5. COVER																		
Cover Condition:																		
7. MANHOLE COVER ADJUSTMENT RING																		
Ring Condition:																		
																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;"></td> <td style="width: 20%;">Drainage Area:</td> <td style="width: 20%;"></td> </tr> <tr> <td colspan="4"> <div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Comments:</div> </div> </td> </tr> </table>											Grade:		Drainage Area:		<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Comments:</div> </div>			
Grade:		Drainage Area:																
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Comments:</div> </div>																		
INTERNAL MANHOLE OBSERVATIONS																		
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments													
FRAME																		
CHIMNEY																		
CONE																		
STEPS																		
WALLS																		
BENCH																		
CHANNEL																		
Surcharge from Invert: None Evident Currently ft Marks to ft																		
LINE CONDITIONS																		
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments								
Sheet Number:																		

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 225										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 102A Photo #20										
Street: 53 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cracked/missing pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> </div> <div> <p>Grade: Drainage Area:</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar p, light roots.					
CONE	Block	D = Defective			Missing mortar, light roots.					
STEPS	Steel	Sound								
WALLS	Block	D = Defective			Missing mortar, light roots. Mineral deposits					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	102B	7' 3"	8	ACP	10'	0.25	0			
Out	102	7' 4"	8	ACP	4'	0.25	0			
Sheet Number:										

SMH-102A

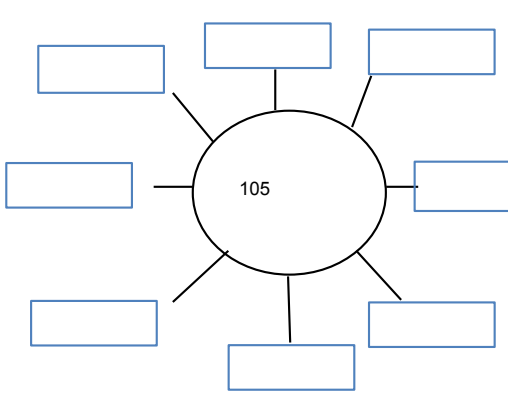


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 154										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 102B Photo #21										
Street: 51 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		4x12			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Block	S = Sound								
STEPS	Steel	Sound								
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	5' 10"	4	ACP	3'	0	0			
In	E	5' 10"	4	ACP	3'	0	0			
Out	102A	6'	8	ACP	8'	0	0			
Sheet Number:										

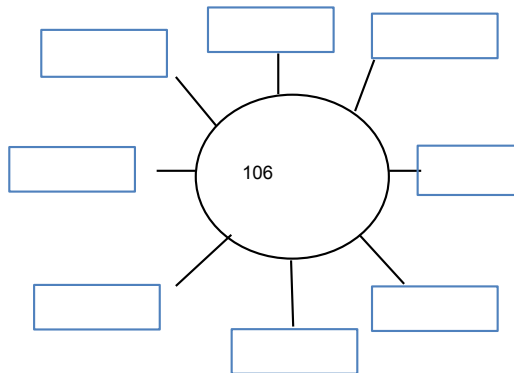


SMH-102B

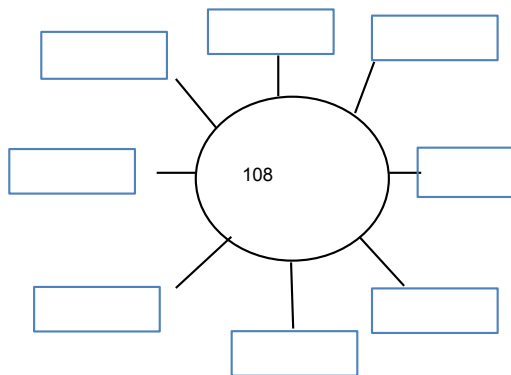


1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 6/13/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 105 Photo#												
Street: 99 Main St. City: Ridgefield, CT												
3. MANHOLE												
Access Type:												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

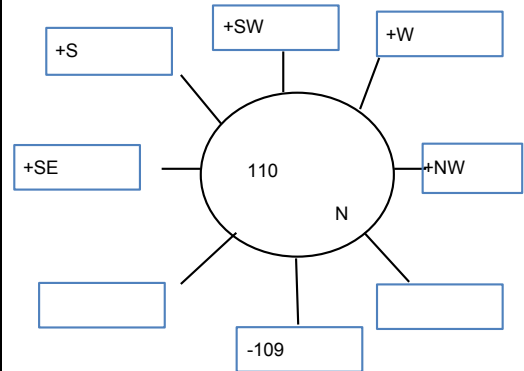
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: BM = Buried and Marke Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 106 Photo#										
Street: 10 West Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: BM = Buried and Marke Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 108 Photo#										
Street: 29 West Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 450										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 110 Photo #19										
Street: West Ln./High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 4x5</div> </div>										
General Comments: Three 2" risers										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective			Deteriorating					
WALLS	Brick	D = Defective			Missing mortar, light roots.					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	8' 6"	4	VCP	2'	0	0			1st and 2nd joint, offset 0.75". Pipe bends slowly to the left.
In	S	6' 9"	8	PVC	3' & 8'	0.1	0			
In	SW	8' 10"	4	PVC	6"	0	4			Capped off at 6"
In	W	8' 9"	6	Cast Iron	8'	0.1	0			
In	NW	4' 3"	6	VCP	1'	0	0			At 1', changes to 5" ACP
Out	109	8' 11"	6	VCP	2'	0.1	0			
Sheet Number:										



SMH-110



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 97										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 116 Photo #5										
Street: 80 Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 3" below 30x150										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div style="border: 1px solid black; padding: 5px;"> <div style="text-align: center;"> </div> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	116.1	8' 3"	10	PVC	4'	1.25	0			
In	117	9' 8"	12	VCP	3'	3	0			
Out	6	10' 4"	12	VCP	3'	4	0			3rd joint, light mineral deposits
Sheet Number:										

SMH-116



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 147										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 116.1 Photo #20										
Street: 22-25 Olcott Way City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					4" below		10x15			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & Parged	D = Defective			Missing mortar, light roots					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective	<0.1		Seams missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	C7	9'	10	VCP	4'	1.25	0			Pipe connection missing mortar. Weeping.
Out	116	9' 1"	10	VCP	4'	1.25	0	≤0.1		Pipe connection missing mortar. Rebar showing. 1st joint, light mineral d
Sheet Number:										

SMH-116.1

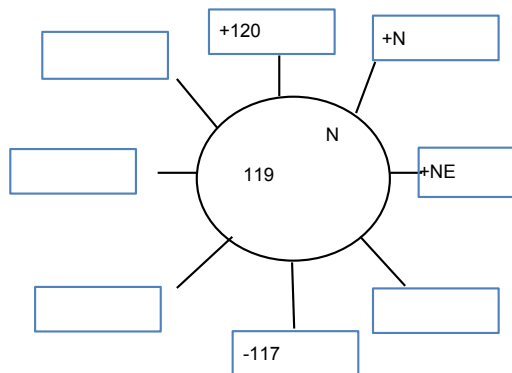


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 240										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 117 Photo #6										
Street: 90 Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: 3" riser and two 1.5" risers</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 117: A central circle labeled '117' with 'N' above it. It has eight lines radiating from it to boxes. The top box is labeled '+119', the bottom box is labeled '-116'. The other six boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Brick	D = Defective			Missing mortar. Light roots					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar. Light roots					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	119	6' 6"	12	VCP	3'	3	0			1st, 2nd, 3rd, and 4th joints, moderate roots
Out	116	6' 7"	12	VCP	3'	3.5	0			
Sheet Number:										

SMH-117



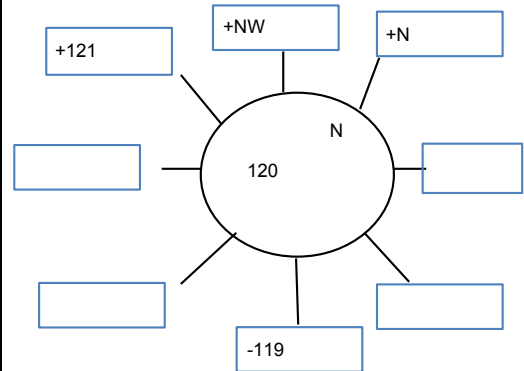
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: SUNY										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 293										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 119 Photo #4										
Street: Grove St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" below</div> <div>Drainage Area: 3x5</div> </div>										
General Comments: Three 1.5" risers										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	120	7' 11"	12	Lined		3.5	0			
In	N	5' 6"	4	Cast Iron	10'	0	2			Pipe connection missing mortar
In	NE	7' 8"	8	PVC	2' & 4'	0.25	0			At 7', service connection 10 o'clock
Out	117	8'	12	Lined		3.5	0			
Sheet Number:										



SMH-119



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 263										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 120 Photo #3										
Street: Grove St./Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" below 4x8										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div style="border: 1px solid black; padding: 5px;"> 2" riser </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 2"					
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	121	8' 4"	12	VCP	2'	4	0			
In	NW	5' 1"	4	VCP	2'	0.2	0			Pipe connection missing mortar. 2nd joint, offset 0
In	N	7' 8"	8	VCP		0	0			At 1', cemented off
Out	119	8' 5"	12	Lined		3.5	0			
Sheet Number:										



SMH-120

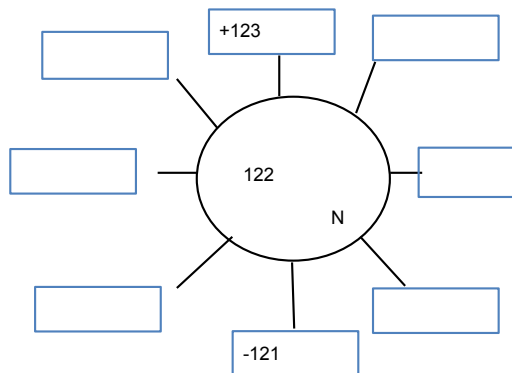


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 161										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 121 Photo #2										
Street: 14-24 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '121'. It has four lines extending from it to boxes labeled '+122' (top), '+S' (left), '-120' (bottom), and 'N' (right). There are also empty boxes at the top-left, top-right, bottom-left, and bottom-right positions, each connected to the central circle by a line.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 3"					
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective			Corroding					
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	8' 7"	4	Cast Iron		0				Back flow valve, cannot lamp.
In	122	8' 8"	12	Lined		2.5	0			
Out	120	8' 9"	12	VCP	3'	2.5	0			
Sheet Number:										

SMH-121



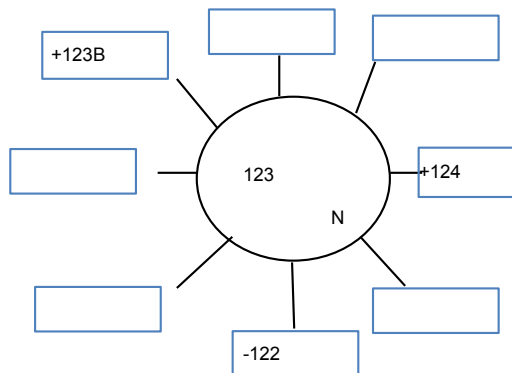
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 226										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 122 Photo #15										
Street: 12 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" above</div> <div>Drainage Area: 4x12</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	123	9' 7"	12	VCP	2'	2	0			
Out	121	9' 8"	12	Lined		3	0			
Sheet Number: _____										



SMH-122



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 298										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 123 Photo #13										
Street: Danbury Rd./Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	X = Not Known								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	123B	9' 10"	12	Lined		3	0			
In	124	12' 2"	8	VCP	3'	0.5	0			
Out	122	12' 3"	12	Lined		3	0			
Sheet Number: _____										

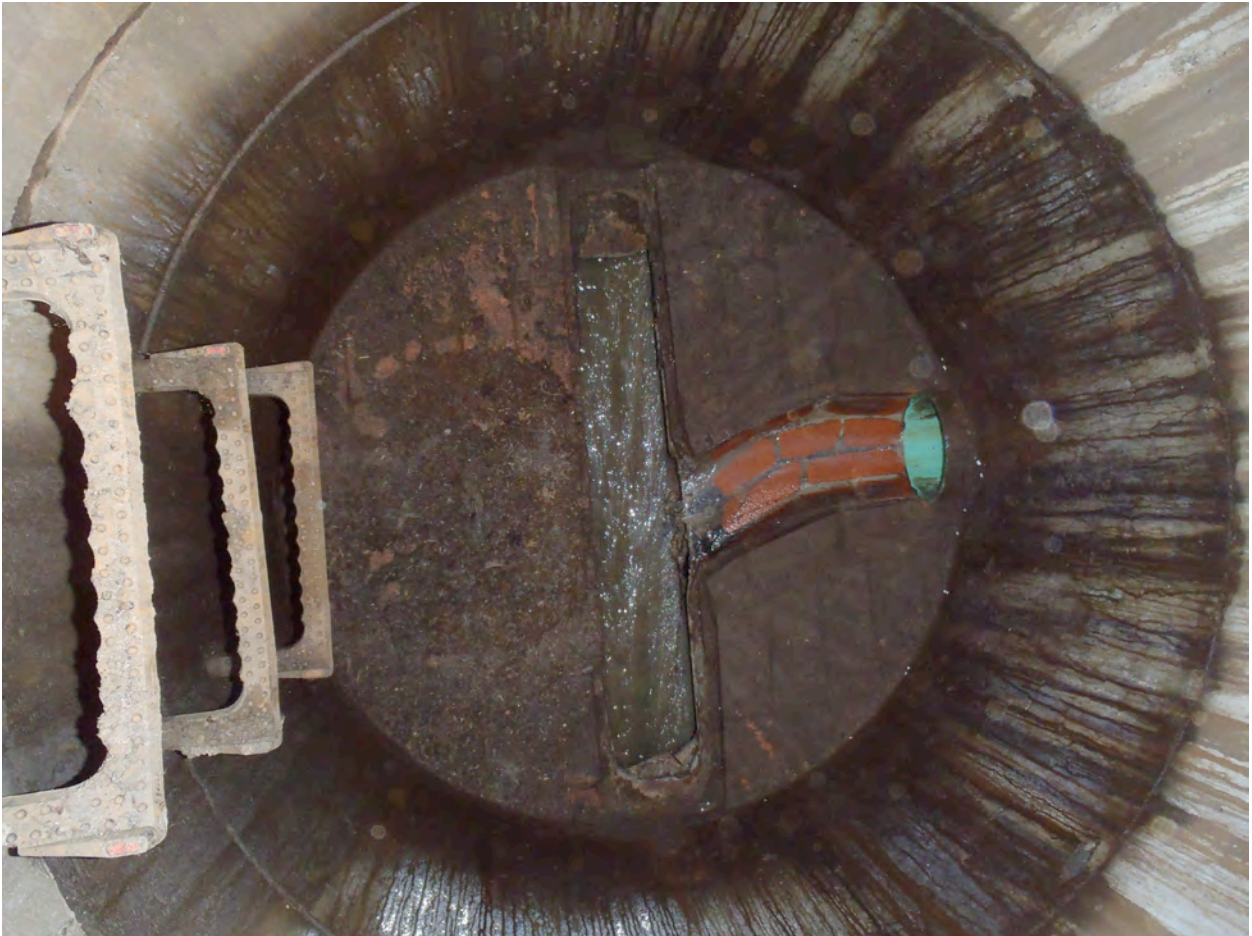


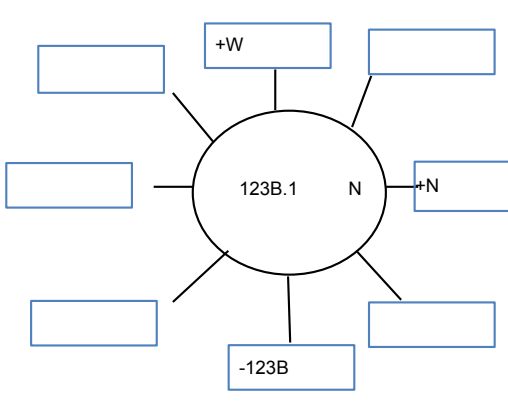
SMH-123



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 111										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 123B Photo #1										
Street: 613 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '123B' with an 'N' above it. Eight lines radiate from the circle to rectangular boxes. Clockwise from the top, the boxes are labeled: '+125', '+123B.1', '-123', and three empty boxes. The remaining three boxes are also empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Seams missing mortar					
BENCH	Brick	S = Sound								
CHANNEL	Lined & brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	125	7' 10"	12	Lined		3	0			
In	123B.1	7' 1"	8	PVC	5' & 1	0.25	0			
Out	123	7' 11"	12	Lined		3	0			
Sheet Number:										

SMH-123B

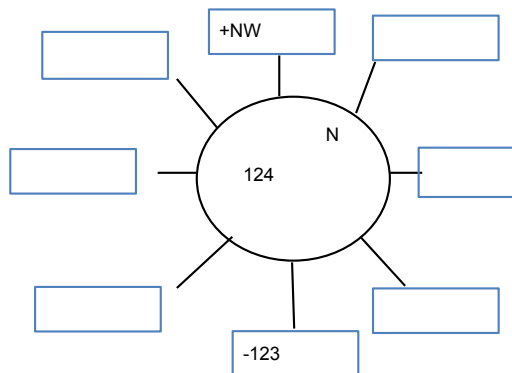


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 200										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 123B.1 Photo #22										
Street: 613 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 8x12										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	4' 3"	8	PVC	10'	0	0			
In	N	4' 3"	8	PVC	10'	0	0			
Out	123B	4' 4"	8	PVC	10'	0	0			
Sheet Number:										

SMH-123B.1



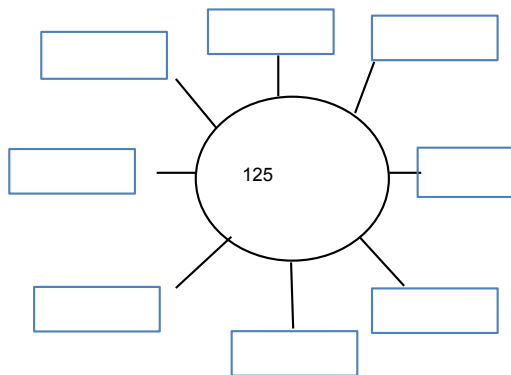
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 350										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 124 Photo #14										
Street: 18 N Salem Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x4</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u> 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing brick/mortar					
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Brick	D = Defective			Missing bricks/mortar					
CHANNEL	Brick	D = Defective			Missing brick/mortar					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	3' 6"	8	VCP	3'	0	0			1.5" sanitary solids. At 25', appears bricked off
Out	123	3' 7"	8	VCP	3'	0	0			
Sheet Number: _____										



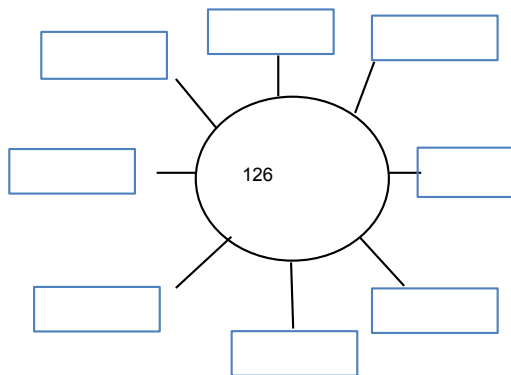
SMH-124



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 125 Photo#										
Street: Main St./Pound St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 126 Photo#										
Street: 599 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 40										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 126.1 Photo #7										
Street: 599 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" above		2x2			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Cracked pavement surrounding manhole</p> <p>Cannot locate manhole 126, distance estimated.</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	126A	3' 10"	6	PVC	1'	0.2	0			
Out	126	3' 11"	6	PVC	2'	0.2	0			At 2', changes to VCP 2'
Sheet Number:										

SMH-126.1

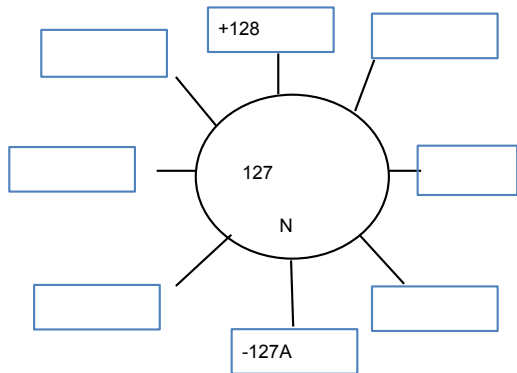


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 232										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 126A Photo #8										
Street: 599 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between chimney and frame					
CHIMNEY	Pre cast	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	2' 3"	6	PVC		1	0			At 1', Full pipe of water
Out	126.1	2' 4"	6	PVC	1'	0.2	0			At 1', 3" standing
Sheet Number:										

SMH-126A



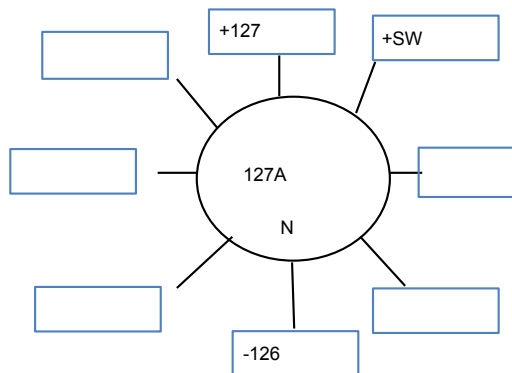
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 158										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 127 Photo #10										
Street: 593 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 2x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	128	6' 8"	12	Lined		3.5	0			
Out	127A	6' 9"	12	Lined		3.5	0			
Sheet Number:										



SMH-127

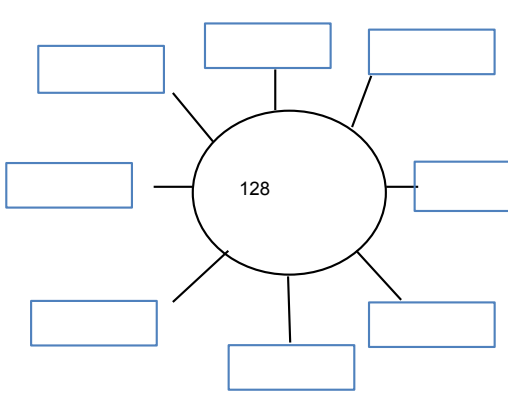


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 155										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 127A Photo #9										
Street: 593 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" above</div> <div>Drainage Area: 2x2</div> </div>										
General Comments: Distance estimated, manhole 126 not found										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	PVC	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	127	7' 7"	12	PVC	1' & 1	3	0			
In	SW	6' 10"	6	PVC	3'	0.25	0			
Out	126	7' 8"	12	PVC	1' & 1	2	0			
Sheet Number: _____										



SMH-127A



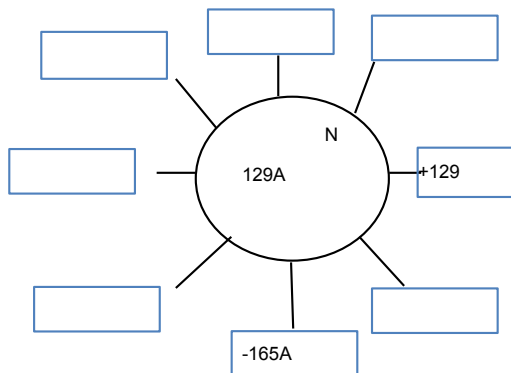
1. GENERAL INFORMATION																						
Inspector: JH, TZ Certificate #: Date: 5/25/2016																						
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny																						
Inspection Status: NF = Not Found Ft to Downstream MH:																						
GPS Coordinates: Inspection Level: Level 1																						
2. LOCATION																						
MH/Access Point Number: 128 Photo#																						
Street: 533 Main St. City: Ridgefield, CT																						
3. MANHOLE																						
Access Type: AMH = Manhole																						
5. COVER																						
Cover Condition:																						
7. MANHOLE COVER ADJUSTMENT RING																						
Ring Condition:																						
																						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;"></td> <td style="width: 20%;">Drainage Area:</td> <td style="width: 20%;"></td> </tr> <tr> <td colspan="4"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Ring Condition:</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table> </td> </tr> </table>											Grade:		Drainage Area:		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Ring Condition:</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>				Ring Condition:			
Grade:		Drainage Area:																				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Ring Condition:</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> </table>				Ring Condition:																		
Ring Condition:																						
General Comments:																						
INTERNAL MANHOLE OBSERVATIONS																						
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments																	
FRAME																						
CHIMNEY																						
CONE																						
STEPS																						
WALLS																						
BENCH																						
CHANNEL																						
Surcharge from Invert: None Evident Currently ft Marks to ft																						
LINE CONDITIONS																						
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments												
Sheet Number:																						

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 50										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 129 Photo #20										
Street: 549 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '129' with 'N' above it. Eight lines radiate from the circle to boxes labeled: +N, +NE, +129B, -129A, and four empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar, light mineral deposits. Seams missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	129B	10' 2"	12	Lined		7	2			
In	N	9' 11"	6	PVC	13'	0	0			Pipe connection has light mineral deposits
In	NE	5' 6"	4	PVC		0				inside drop w/downspout
Out	129A	10' 3"	18	PVC	10'	3	0			Pipe connection missing mortar
Sheet Number:										

SMH-129



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 277										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 129A Photo #19										
Street: 549 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 2" below		Drainage Area: 25x15			
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and cone					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Lift holes missing mortar, light mineral deposits. Wall seams missing mortar, moderate mineral deposits.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	129	9' 4"	18	PVC	6'	3	0.5			
Out	165A	9' 5"	18	PVC	10'	3	0			Pipe connection missing mortar
Sheet Number:										



SMH-129A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 60										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 129B Photo #17										
Street: 12 New St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" below		10x30			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>129B</p> <p>N</p> <p>+130</p> <p>+N</p> <p>-129</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	D = Defective								
STEPS	Steel	Defective			Rusted					
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Liner & brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	3' 5"	4	VCP	2'	0	0			At 2', moderate roots. At 4', moderate roots
In	130	6' 8"	10	Lined		3	0.5			
In	N	4' 8"	5	VCP	2'	0	0			
Out	129	6' 9"	10	Lined		3	0.25			
Sheet Number:										

SMH-129B



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 174										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 130 Photo #18										
Street: 8 New St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		20x40			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole 130 showing connections to +S, +131, -129B, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar. Light roots					
CONE	Brick	D = Defective			Missing mortar. Light roots					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar. Light roots					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	6' 4"	6	VCP	1'	0.1	0			3" sanitary solids. At 1', pipe bends 22 degrees left. Pipe connection missing mortar, light roots.
In	131	10' 8"	10	Lined		2	0			Pipe connection light roots.
Out	129B	10' 9"	10	Lined		2	0			
Sheet Number:										

SMH-130



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 25										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 131 Photo #16										
Street: 11 New St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 131 showing connections to +S, +132, +131A, +N, -130, and an unlabeled box.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	10' 4"	4	PVC	2'	0	0			At 2', bends 45 degrees left
In	132	11'	10	Lined		3	0			
In	131A	9' 7"	4	PVC	2'	0	0			At 2', bends 45 degrees right
In	N	10' 5"	6	PVC						Cemented off at wall
Out	130	11' 1"	10	Lined		3	0			
Sheet Number:										

SMH-131



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 86										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 131 Photo #2										
Street: 7 New St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 131A showing connections to +131B, -131, and several empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged & Pre cast ring	D = Defective			Small hole in ring. Moderate root intrusion					
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	131B	5' 3"	8	PVC	13'	0.5	0			
Out	131	5' 4"	8	PVC	13'	0.5	0			
Sheet Number:										

SMH-131A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 98										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 131B Photo #3										
Street: 7 New St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast rings	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	131C	5' 1"	8	PVC	13'	0	0			
Out	131A	5' 2"	8	PVC	13'	0	0			
Sheet Number:										

SMH-131B



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 105										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 131C Photo #4										
Street: 11 New St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	5'	4	PVC	6'	0	0			At 6', pipe bends left.
Out	131B	5' 1"	8	PVC	13'	0	0			At 6', service connection at 3 o'clock
Sheet Number:										

SMH-131C



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 198										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 132 Photo #1										
Street: 40 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					4" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	2' 9"	4	PVC		0	0			22 degree elbow in manhole, cannot lamp
In	134	4' 10"	10	Lined		4.5	0			
In	NW	3' 2"	4	PVC	10'	0	0			At 6', 3" standing flow
Out	131	4' 11"	10	Lined		4.5	0			Pipe connection missing mortar
Sheet Number:										

SMH-132



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 42										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133 Photo #1										
Street: 28 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General 2" riser</p> <p>Comments: _____</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	7' 1"	2	PVC		0				45 degree elbow, cannot lamp. Pipe connection missing mortar.
In	N	3' 3"	2	PVC		0				Inside drop w/downspout. Pipe connection missing mortar.
In	133A	8'	8	PVC	10'	0.5	0			Pipe connection missing mortar
Out	134.2	8' 1"	8	PVC	10'	0.5	0			Pipe connection missing mortar
Sheet Number:										

SMH-133

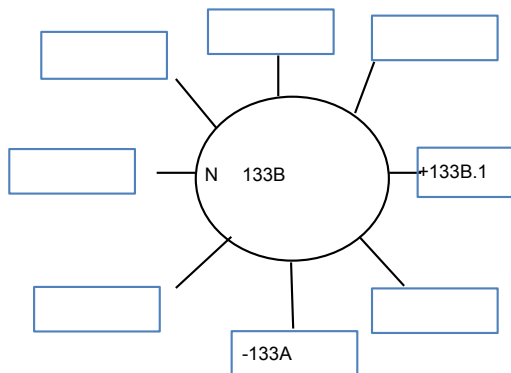


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 67										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133A Photo #16										
Street: 25 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 3" below		Drainage Area: 3x10			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/A									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick & PVC	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	133B	7' 8"	8	PVC	13'	0	0			
In	133C	7' 8"	8	PVC	10'	0.75	0			
Out	133	7' 9"	8	PVC	10'	0.75	0			
Sheet Number:										

SMH-133A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 70										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133B Photo #14										
Street: 25 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Broken										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken										
<div style="display: flex; justify-content: space-between;"> Grade: 3" below Drainage Area: 8x40 </div>										
General Comments: Cracked pavement surrounding manhole										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Pre cast	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	133B.1	7' 3"	8	PVC	13'	0	0			
Out	133A	7' 4"	8	PVC	13'	0	0			
Sheet Number: _____										



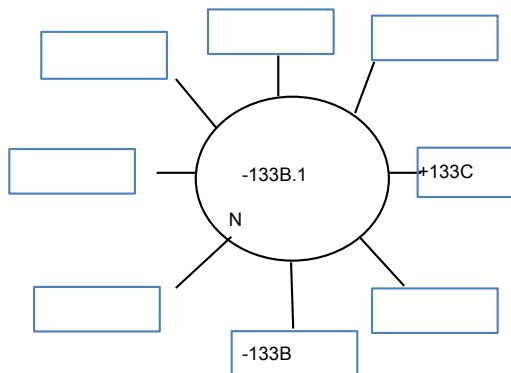
SMH-133B



SMH-133B BROKEN COVER



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 53										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133B.1 Photo #17										
Street: 25 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 5x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	133C	8' 5"	8	PVC	13'	1	0			1" sanitary solids to 10'
Out	133B	8' 6"	8	PVC	13'	0	0			
Sheet Number: _____										



SMH-133B.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 112										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133C Photo #13										
Street: 25 Gilbert Ave City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" below 14x10										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> </div> </div> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	133B.1	8' 8"	8	PVC	13'	0	0			Pipe connection missing mortar. 5" sanitary solids. 133B.1 is 97' downstream.
In	133D	8' 9"	8	PVC	13'	0.5	0			Pipe connection missing mortar
In	SE	7' 10"	8	PVC	10'	0.25	0			At 3', service connection at 9 o'clock from manhole.
Out	133A	8' 10"	8	PVC	10'	0.5	0			Pipe connection missing out
Sheet Number:										

SMH-133C



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 83										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133C.1 Photo #12										
Street: 25 Gilbert St. Unit F7 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div style="width: 300px; height: 100px; border: 1px solid black; position: relative;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	N/a									
STEPS	N/a									
WALLS	Block	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	4' 8"	10	PVC	6'	0	0.5			At 6', changes to 8" PVC. At 25', pipe bends right.
In	S	4' 6"	4	PVC	5'	0	0			
Out	133C	4' 9"	8	PVC	10'	0	0			Ties into SW line at 3' from manhole 133C
Sheet Number:										

SMH-133C.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 173										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133D Photo #11										
Street: 25 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" below 4x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '133D'. It has four lines extending from it to four rectangular boxes: '133E' (top), '133C' (bottom), '+NE' (left), and '+SW' (right). There are also two empty rectangular boxes at the top-left and bottom-right positions.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	7' 9"	6	PVC	2' and	0.5	0			Pipe connection missing mortar
In	133E	7' 9"	8	PVC	10'	0.2	0			Pipe connection missing mortar
In	SW	7' 9"	4	PVC	10'	0	0			Pipe connection missing mortar
Out	133C	7' 10"	8	PVC	10'	0.5	0			Pipe connection missing mortar
Sheet Number:										

SMH-133D

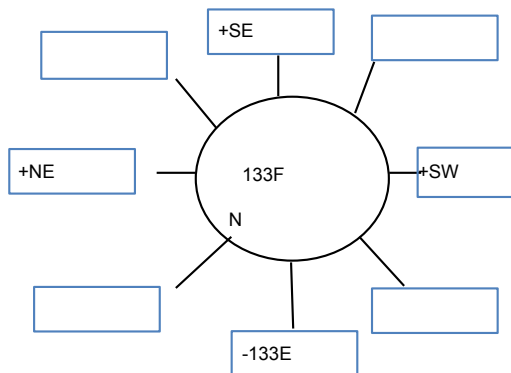


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 181										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133E Photo #13										
Street: 25 Gilbert St. Unit E8 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					4" below		4x6			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole 133E showing connections to +133F, +NE, +N, and -133D.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	6' 3"	6	PVC	13'	0	0			
In	NE	6' 3"	6	PVC	13'	0	0			Pipe connection missing mortar
In	133F	6' 3"	8	PVC	6' and	0.25	0			Pipe connection missing mortar
Out	133D	6' 4"	8	PVC	13'	0.25	0			Pipe connection missing mortar
Sheet Number:										

SMH-133E



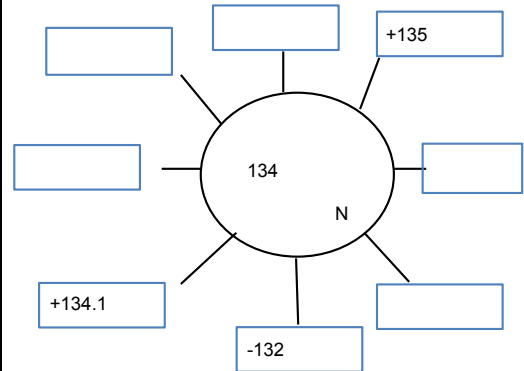
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 168										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 133F Photo #12										
Street: 25 Gilbert St. Unit D2 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 4x5</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General 2" riser</div> <div></div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast rings	S = Sound								
CONE	Pre cast ring	S = Sound								
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	5' 6"	8	PVC	13'	0	0			
In	SE	5' 6"	8	PVC	6'	0	0.5			At 6', capped off with plastic
In	SW	5' 6"	8	PVC	13'	0	0			
Out	133E	5' 7"	8	PVC	13'	p	0			
Sheet Number: _____										



SMH-133F

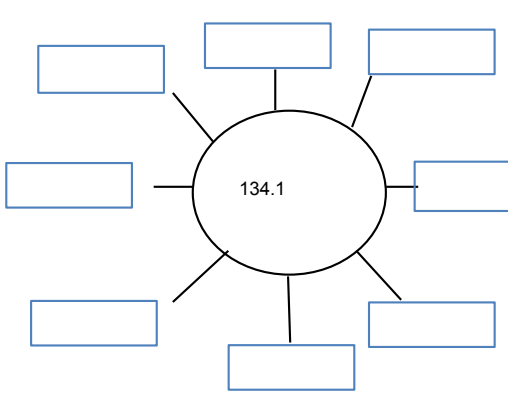


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 186										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 134 Photo #3										
Street: 46 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" below</div> <div>Drainage Area: 3x4</div> </div>										
General Comments: Three 1" risers										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	134.1	6' 5"	8	PVC	2' & 1	0.75	0			
In	135	6' 6"	10	Lined		2.5	0			
Out	132	6' 7"	10	Lined		3	0			
Sheet Number:										



SMH-134



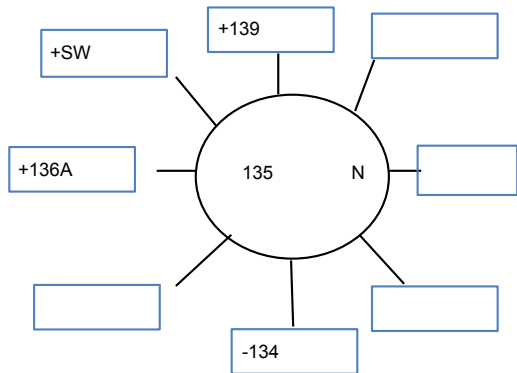
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NO = Not Opened Ft to Downstream MH: 222										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 134.1 Photo#										
Street: 32 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
										
Grade:										Drainage Area:
General Comments: Cannot open, 3" of asphalt on top.										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 130										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 134.2 Photo #2										
Street: 28 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 5x5</div> </div>										
<div style="text-align: center;"> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron									
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	133	9' 1"	8	PVC	10'	1	0			Pipe connection missing mortar
Out	134.1	9' 2"	8	VCP	2'	1	0			
Sheet Number: _____										

SMH-134.2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 130										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 135 Photo #4										
Street: 48 Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x4</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General 1" riser and 3" riser</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments: Cracked pavement surrounding manhole</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and cone					
CHIMNEY	N/a									
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	136A	8' 4"	8	ACP	2' & 1	0.3	0			
In	SW	6' 1"	6	VCP	2'	0.1	0			At 1', circular crack. At 2', changes to 4" VCP, 2'
In	139	6' 5"	10	VCP	2'	3	0			At 1', service connection 2 o'clock
Out	134	6' 6"	10	VCP	2'	2	0			
Sheet Number:										



SMH-135



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 51										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 136 Photo #21										
Street: 28 Abbott Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '136' with an 'N' below it. Eight lines radiate from the circle to rectangular boxes. Clockwise from the top, the boxes are labeled: '+137A', '+137', an empty box, '136B', an empty box, an empty box, an empty box, and another empty box.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	137A	5' 2"	8	VCP	2'	0	0			
In	137	5' 4"	8	PVC	13'	0.5	0			At 10', service connection at 2 o'clock
Out	136B	5' 5"	8	VCP	2'	0.5	0			
Sheet Number:										

SMH-136



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 110										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 136A Photo #18										
Street: 4 Abbott Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 136A showing connections to +136D, -135, and several empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	136D	5' 2"	8	PVC	1'	0.75	0			At 1', changes to 8" VCP 2' long.
Out	135	5' 3"	8	PVC	10'	0.75	0			
Sheet Number:										

SMH-136A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 268										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 136B Photo #20										
Street: 26 Abbott Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 6x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole 136B showing connections to +136, +E, +W, -136C, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective			Rusted					
WALLS	Brick	D = Defective			Missing mortar. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	6' 9"	5	VCP	2'	0	0			1st and 2nd joint, misaligned
In	136	8' 10"	8	VCP	2'	0.5	0			1st joint misaligned
In	W	6' 10"	5	VCP	1'	0	0			At 1', changes to 6" PVC 10' long
Out	136C	8' 11"	8	VCP	2'	0.5	0			
Sheet Number: _____										

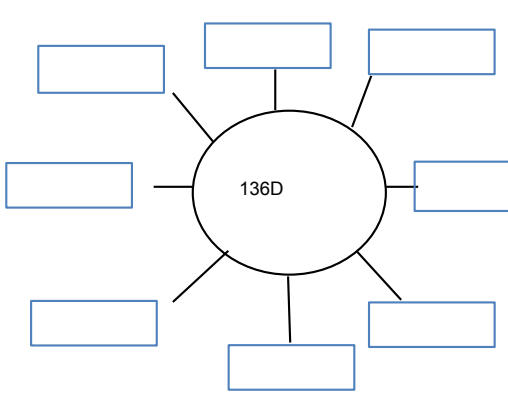
SMH-136B



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 171										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 136C Photo #19										
Street: 12 Abbott Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 2x5</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Footage taken down to manhole 136A. Manhole 136D not found.</p> <p>Comments: Cracked pavement surrounding manhole</p> <p>1" riser</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Block	D = Defective			Missing mortar. Vertical cracks					
STEPS	Steel	Defective								
WALLS	Block	D = Defective			Missing mortar					
BENCH	Poured in place	D = Defective			Missing mortar					
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	136B	8' 1"	8	VCP	2'	0.75	0			
In	SE	3'	4	Cast Iron		0.1	0			Tuberculated
Out	136D	8' 2"	8	VCP	2'	0.75	0			
Sheet Number:										

SMH-136C



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 136D Photo#										
Street: 8 Abbott Ave City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
										
<div style="display: flex; justify-content: space-between;"> <div>Grade: </div> <div>Drainage Area: </div> </div>										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 137										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 137 Photo #9										
Street: 29 Abbott Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> </div> <div> <p>Grade:</p> <p>Drainage Area:</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	137B	11' 11"	8	PVC	13'	0.2	0.5			Pipe connection missing mortar
In	NW	6' 8"	4	PVC		0				inside drop w/downspout. Cannot lamp.
Out	136	12'	8	PVC	13'	0.2	0			Pipe connection missing mortar
Sheet Number:										

SMH-137



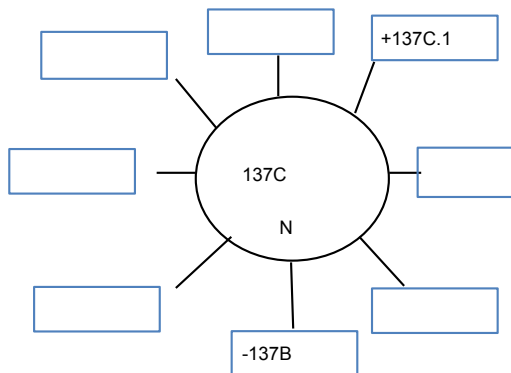
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 142										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 137A Photo #8										
Street: 29 Abbott Ave City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		3x5			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>137A N</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	138A	6'	6	ACP	13'	0	0			At 16', bends right
In	138	6' 6"	8	VCP	2'	0	0			
Out	136	6' 7"	8	VCP	2'	0	0			1st section, multiple cracks.
Sheet Number:										

SMH-137A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 210										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 137B Photo #7										
Street: 36 Catoonah St. Unit 11 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	137C	4' 9"	8	PVC	13'	0.1	0			Pipe connection missing mortar
Out	137	4' 10"	8	PVC	13'	0.1	0			Pipe connection missing mortar
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 111										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 137C Photo #14										
Street: 36 Catoonah St. Unit 7 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 8x 12</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u> 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	D = Defective			Missing mortar					
CONE	N/a									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	137C.1	4' 4"	8	PVC	13'	0	0			
Out	137B	4' 5"	8	PVC	13	0	0			At 8', service connection to the 3 o'clock
Sheet Number:										



SMH-137C

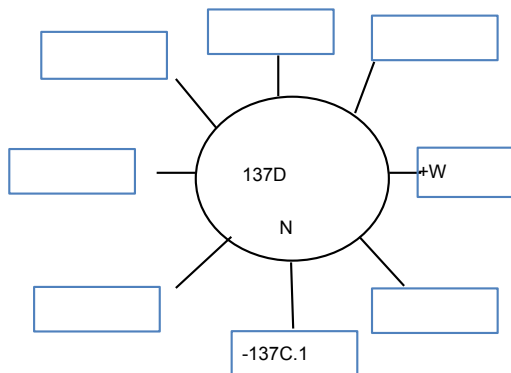


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 42										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 137C.1 Photo #15										
Street: 36 Catoonah St. Unit 6 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 6x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Cracked pavement surrounding manhole</p> <p>PVC sewer line not broken out.</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick and pre cast ring	D = Defective			Missing mortar					
CONE	N/A									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar.					
BENCH	Poured in place	X = Not Known			Under water					
CHANNEL		X = Not Known			Under water					
Surcharge from Invert: None Evident Currently 1 ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	137D	5' 7"								Depth estimated because line not broken out
Out	137C	5' 7"								Depth estimated because line not broken out
Sheet Number:										

SMH-137C.1



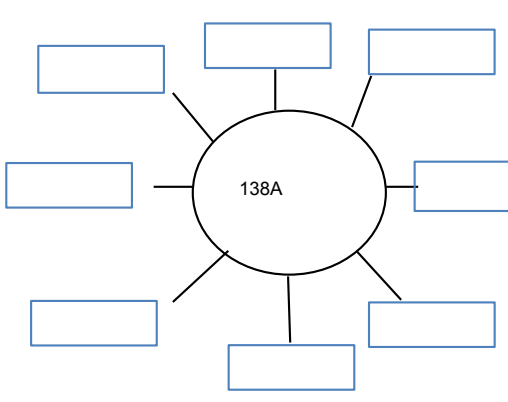
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 204										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 137D Photo #16										
Street: 36 Catoonah St. Unit City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	N/a									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	5' 8"	4	PVC	13'	0	0			
Out	137C.1	5' 9"	8	PVC	13'	0	0			At 13', Pipe appears squashed.
Sheet Number:										



SMH-137D



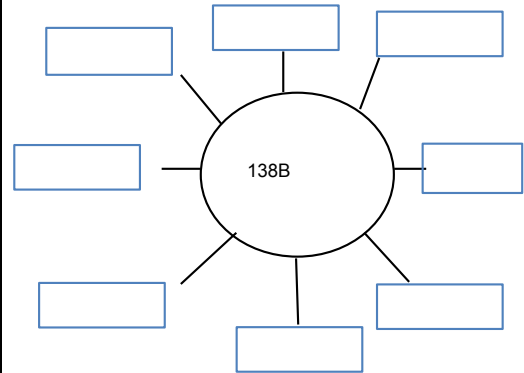
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 76										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 138 Photo #10										
Street: 31 Abbott Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cracked/missing pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar. Moderate roots					
BENCH		X = Not Known			1" sanitary solids. Moderate roots					
CHANNEL		X = Not Known								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	4' 5"	5	VCP	2'	0	0			
Out	137A	6' 11"	8	VCP	2'	0	0			Pipe connection missing mortar. Moderate roots.
Sheet Number: _____										

1. GENERAL INFORMATION											
Inspector: JH, TZ Certificate #: Date: 5/10/2016											
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny											
Inspection Status: NF = Not Found Ft to Downstream MH:											
GPS Coordinates: Inspection Level: Level 1											
2. LOCATION											
MH/Access Point Number: 138A Photo#											
Street: 29 Abbott Ave. City: Ridgefield, CT											
3. MANHOLE											
Access Type: AMH = Manhole											
5. COVER											
Cover Condition:											
7. MANHOLE COVER ADJUSTMENT RING											
Ring Condition:											
											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>										Grade:	Drainage Area:
Grade:	Drainage Area:										
General Comments:											
INTERNAL MANHOLE OBSERVATIONS											
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments						
FRAME											
CHIMNEY											
CONE											
STEPS											
WALLS											
BENCH											
CHANNEL											
Surcharge from Invert: None Evident Currently ft Marks to ft											
LINE CONDITIONS											
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments	
Sheet Number:											

SMH-138



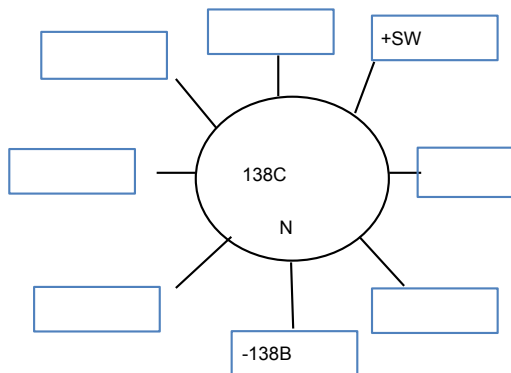
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 138B Photo#										
Street: 52 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



SMH-137B



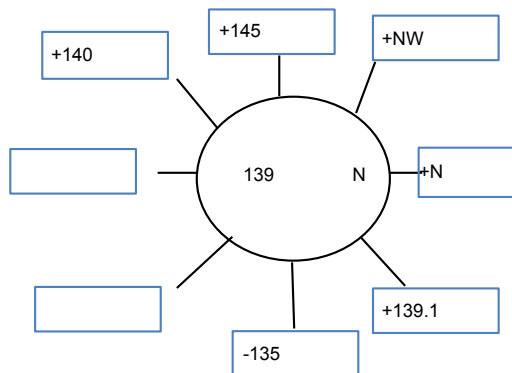
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 230 Estimated										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 138C Photo #17										
Street: 48 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 2x2</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	5' 6"	5	ACP	13'	0	0			
Out	138B	5' 7"	5	ACP	13'	0	0			
Sheet Number: _____										



SMH-138C



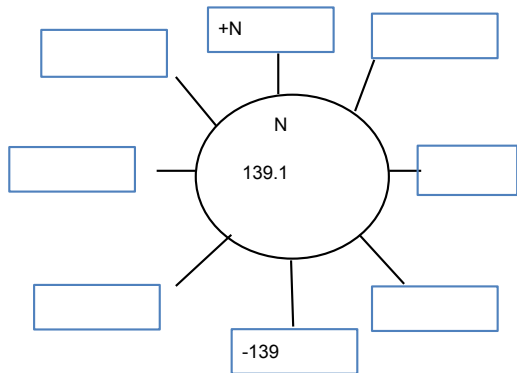
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 148										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 139 Photo #6										
Street: Ramapoo Rd./Gilbert St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" below</div> <div>Drainage Area: 3x6</div> </div>										
<div> <div>General</div> <div>Two 0.75" risers. Risers need replacing</div> </div> <div> <div>Comments:</div> <div>Cracked/missing pavement surrounding manhole</div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	140	7' 3"	10	VCP	4'	0.75	0			
In	145	7' 2"	8	Lined		1	0			At 2', starts bending right.
In	NW	4' 4"	3	ACP	13'	0	0			
In	N	7'	4	PVC	2'	0	0			At 2', bends down 45 degrees.
In	139.1	7'	8	Cast Iron	10'	0	0			
Out	135	7' 5"	10	VCP	2'	2.5	0			
<div> <div>Sheet Number:</div> <div></div> </div>										



SMH-139

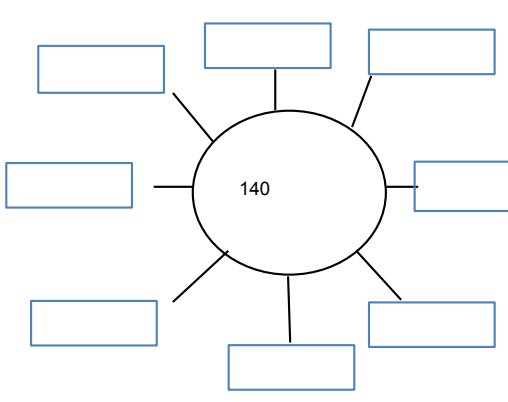


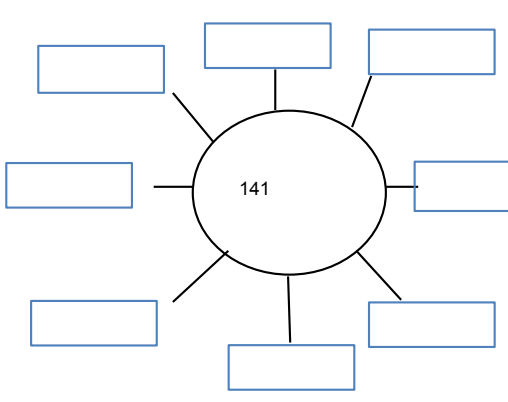
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/8/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 32										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 139.1 Photo #5										
Street: 2 Ramapoo Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" above</div> <div>Drainage Area: 2x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH		X = Not Known			Under 3" of water					
CHANNEL		X = Not Known								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	3' 10"	2	PVC		0	0			
Out	139	4' 3"	8	Cast Iron	20'	0	0			Pipe connection missing mortar
Sheet Number:										

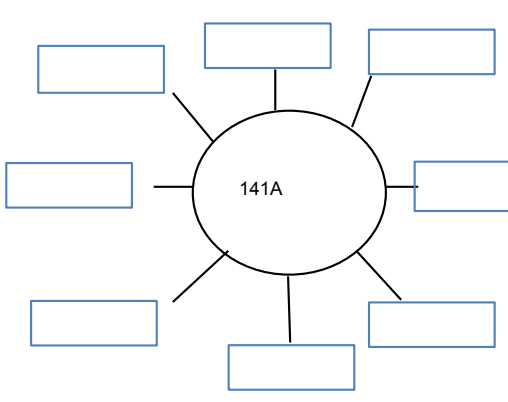


SMH-139.1

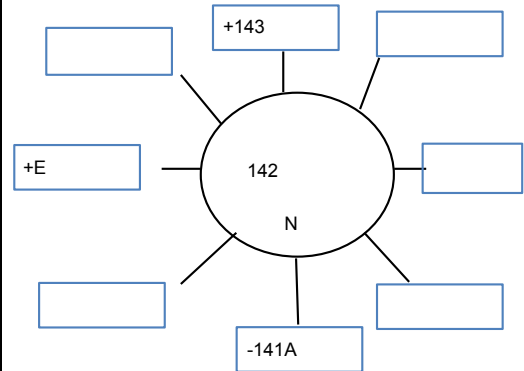


1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 6/9/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 140 Photo#												
Street: 223 High Ridge Ave. City: Ridgefield, CT												
3. MANHOLE												
Access Type:												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade: </td> <td style="width: 40%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

1. GENERAL INFORMATION														
Inspector: JH, TZ Certificate #: Date: 6/9/2016														
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny														
Inspection Status: NF = Not Found Ft to Downstream MH:														
GPS Coordinates: Inspection Level: Level 1														
2. LOCATION														
MH/Access Point Number: Photo#														
Street: 209 High Ridge Ave. City: Ridgefield, CT														
3. MANHOLE														
Access Type:														
5. COVER														
Cover Condition:														
7. MANHOLE COVER ADJUSTMENT RING														
Ring Condition:														
														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade:</td> <td style="width: 50%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>											Grade:	Drainage Area:		
Grade:	Drainage Area:													
General Comments:														
INTERNAL MANHOLE OBSERVATIONS														
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments									
FRAME														
CHIMNEY														
CONE														
STEPS														
WALLS														
BENCH														
CHANNEL														
Surcharge from Invert: None Evident Currently ft Marks to ft														
LINE CONDITIONS														
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments				
Sheet Number:														

1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 6/9/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 141A Photo#												
Street: 201 High Ridge Ave. City: Ridgefield, CT												
3. MANHOLE												
Access Type:												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

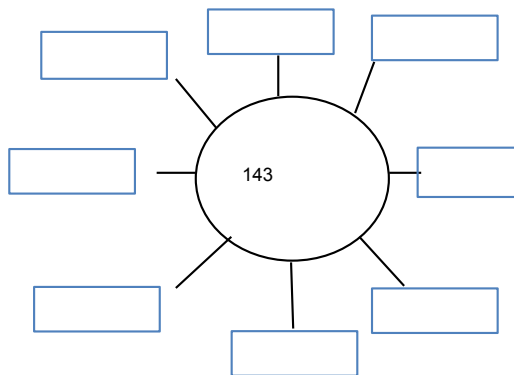
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 279										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 142 Photo #10										
Street: 188 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x5</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General Comments: 1.5" and 1" riser</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	143	6' 9"	8	VCP	2'	1	0			
In	E	4' 11"	6	VCP	2'	0.25	0			At 2', changes to 4" VCP
Out	141A	6' 10"	8	VCP	2'	0.75	0			
Sheet Number:										

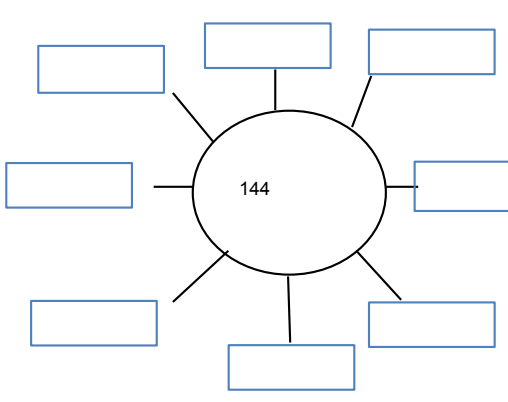


SMH-142



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 143 Photo#										
Street: 173 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type:										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



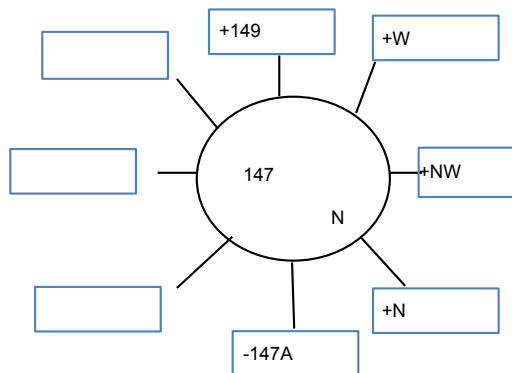
1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/11/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 144 Photo#												
Street: 21 Ramapoo St City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade: </td> <td style="width: 40%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 105										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 145 Photo #6										
Street: 21 Ramapoo St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 3x6</div> </div>										
<div style="text-align: center;"> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	N/a									
WALLS	Pre cast	D = Defective			Missing mortar. Light roots					
BENCH	Parged	X = Not Known			Light roots					
CHANNEL	Parged	X = Not Known			2" of debris					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	147A	8' 4"	8							Cannot lamp, full pipe of water
Out	144	8' 5"	8	VCP	1'	3.5	2			At 1', changes to 8" lined pipe.
Sheet Number: _____										

SMH-145



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 256										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 147 Photo #7										
Street: 213 High Ridge Ave. Unit 2 City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" below		2x12			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound			1" of rock & rubble					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	149	6' 7"	8	Lined		2	0.5			
In	W	2' 10"	4	PVC	10'	0	0			At 13' bends right. Pipe connection missing mortar
In	NW	2' 6"	2	PVC		0	0			At 4', bends down 22 degrees
In	N	2' 6"	2	PVC		0	0			At 4', bends down 22 degrees
Out	147A	6' 8"	8	Lined		2.5	0			
Sheet Number:										



SMH-147



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 93										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 147A Photo #5										
Street: 21 Ramapoo St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3" below		2x10			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar. Light roots					
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar. Light roots					
BENCH	Brick	D = Defective			Missing mortar					
CHANNEL	Brick	S = Sound			3" of rock & rubble					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	147	4' 2"	8	Lined		3	1			
Out	145	4' 3"	8	Lined		2.5	0			Pipe connection light roots
Sheet Number:										

SMH-147A

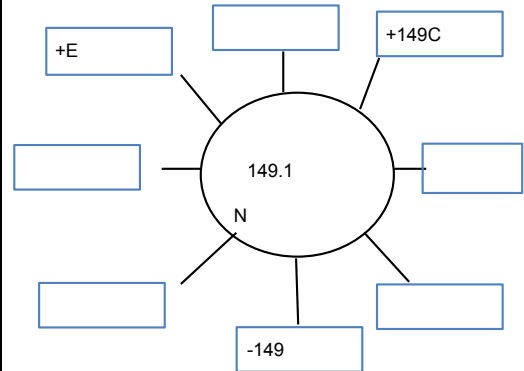


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 200										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 149 Photo #10										
Street: 16 Mulvaney act. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 149: A central circle labeled '149' with 'N' below it. Lines radiate from the circle to boxes containing: '+SE' (with '+149.2' next to it), '+149.1', '-147', and several empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Liner	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	149.1	4' 9"	8	PVC	13'	0.2	0			Outside drop
In	SE	9'	8	Lined		3"	0			
In	149.2	8' 3"	8	PVC	10'	0	0			
Out	147	9' 1"	8	Lined		2	0			
Sheet Number:										

SMH-149



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: SI = Surface Inspection Ft to Downstream MH: 56										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 149.1 Photo #9										
Street: 16 Mulvaney Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged & pre cast ring	S = Sound								
CONE	N/A									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	5' 3"	4	PVC	13'	0	0			
In	149C	5' 5"	8	PVC	13'	0	0			
Out	149	5' 6"	8	PVC	13'	0	0			
Sheet Number:										



SMH-149.1

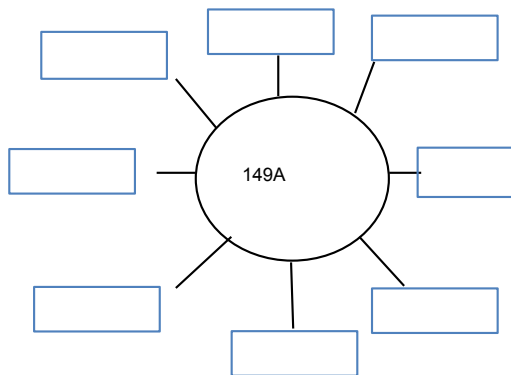


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 9										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 149.2 Photo #11										
Street: 16 Mulvaney Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
At 8x80										
<div style="text-align: center;"> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	6' 5"	8	PVC	2'	0	0			At 2' reduces to 6" PVC. At 5' reduces to 3" PVC. Inside 3" is a 2" plastic pipe.
In	N	6' 8"	4	PVC	13'	0	0			
Out	149	6' 9"	8	PVC	10'	0	0			
Sheet Number:										

SMH-149.2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 149A Photo#										
Street: 15 Mulvaney Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

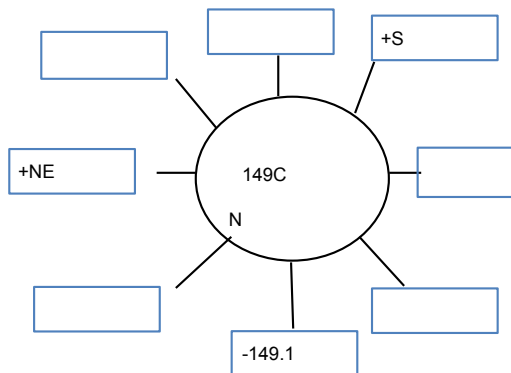


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 140										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 149B Photo #12										
Street: 12 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 149B showing connections to +153A, -149A, and six other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame needs to be centered and mortared down.					
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	153A	4' 5"	8	PVC	13'	2	0			Pipe connection missing mortar
Out	149A	4' 6"	8	PVC	13'	2	0			Pipe connection missing mortar
Sheet Number:										

SMH-149B



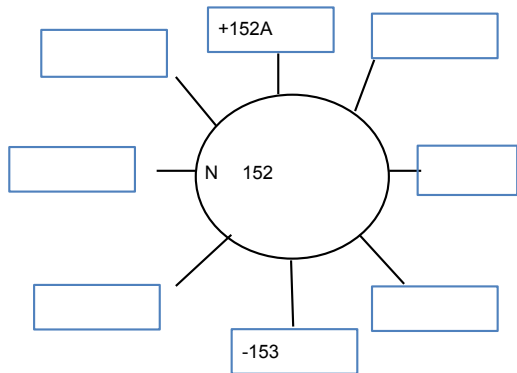
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 86										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 149C Photo #8										
Street: 14 Mulvaney Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & pre cast ring	D = Defective			Missing mortar					
CONE	N/A									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	6' 1"	4	PVC	13'	0	0			
In	S	6' 1"	4	PVC	13'	0	0			
Out	149.1	6' 2"	8	PVC	13'	0	0			
Sheet Number:										



SMH-149C



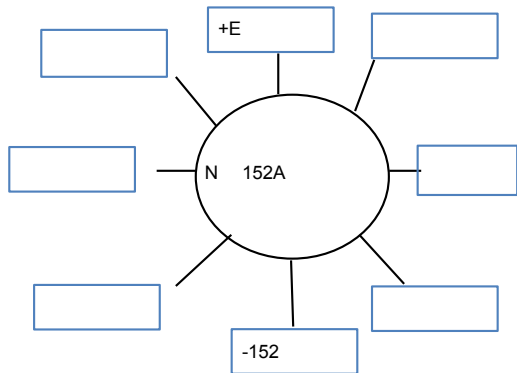
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 211										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 152 Photo #15										
Street: 10 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Cracked										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.375" above</div> <div>Drainage Area: 2x10</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Cracked								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective			Deteriorating					
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	152A	6' 11"	8	VCP	2'	0.75	0			
Out	153	7'	8	VCP	2'	0.5	0			
Sheet Number:										



SMH-152



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 143										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 152A Photo #11										
Street: 6 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken At 2x7										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div style="width: 400px; height: 100px; border: 1px solid black;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Block & brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	PVC	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	7' 7"	4	Cast Iron		0.1	0			Pipe tuberculated
Out	152	7' 9"	6	VCP	2'	0.1	0			
Sheet Number:										



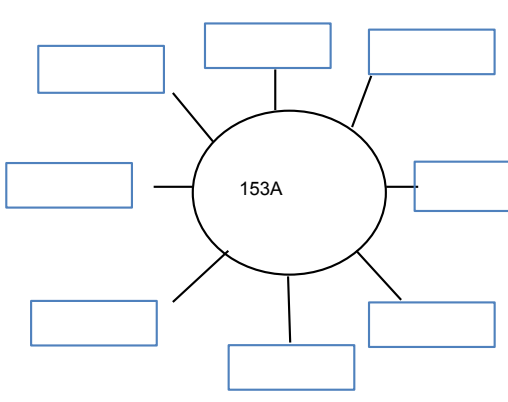
SMH-152A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 175										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 153 Photo #14										
Street: 14 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken										
					Grade:		Drainage Area:			
					0.75" above		2x8			
<div style="position: relative; width: 100%; height: 100%;"> <p style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);">153</p> <p style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);">N</p> <p style="position: absolute; top: 20%; left: 10%;">+152</p> <p style="position: absolute; top: 20%; right: 10%;">+154</p> <p style="position: absolute; top: 70%; left: 40%;">-153A</p> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar, light roots.					
STEPS	Steel	Defective			Deteriorating					
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	152	9' 9"	8	VCP	2'	0.75	0			1st & 2nd joint, moderate roots.
In	154	9' 9"	8	VCP	2'	0.75	0			1st joint offset 3/4", light roots. Pipe connection missing mortar.
Out	153A	9' 11"	8	Lined		1.25	0			At 4', bends slowly right.
Sheet Number:										

SMH-153



1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/11/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 153A Photo#												
Street: 14 Barry Ave. City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade: </td> <td style="width: 40%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 103										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 154 Photo #12										
Street: 20 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective			Deteriorating					
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	155	7' 1"	8	VCP	2'	2.5	0			
In	N	4' 11"	4	PVC	5'	0.25	0			At 5', pipe starts bending right. Pipe connection missing mortar.
Out	153	7' 2"	8	VCP	2'	2.5	0			
Sheet Number:										

SMH-154



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 139										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 155 Photo #6										
Street: Greenfield st. @ Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" below</div> <div>Drainage Area: 3x5</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments: Cracked pavement surrounding manhole</p> <p>Abandoned ground water gauge</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Brick & Parged	S = Sound								
CHANNEL	Parged	X = Not Known			1" of debris and 4" sanitary solids					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	159	4' 9"	8	VCP	2'	1	0			
In	156S	6' 10"	8	VCP	2'	2	0.75			
Out	154	6' 11"	8	VCP	2'	2	0			2" sanitary solids
Sheet Number:										

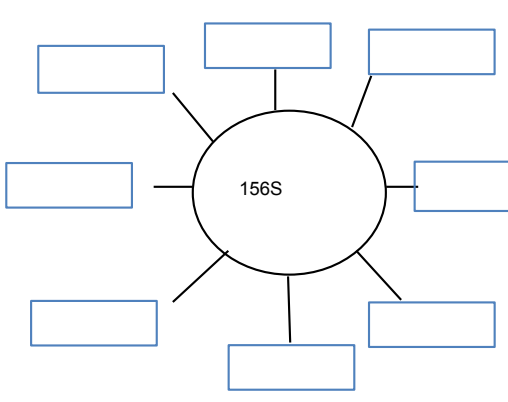
SMH-155



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 64										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 156 Photo #13										
Street: 42 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	157	8'	8	PVC	13'	0.25	0			
Out	156S	8' 1"	8	PVC	13'	0.25	0			
Sheet Number:										

SMH-156



1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/11/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 156S Photo#												
Street: 33 Barry Ave. City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade: </td> <td style="width: 40%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 169										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 157 Photo #14										
Street: 44 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 5x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Two 2" risers</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum & vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	157T	11' 7"	8	PVC	13'	0	0			
Out	156	11' 8"	8	PVC	13'	0	0			
Sheet Number:										

SMH-157

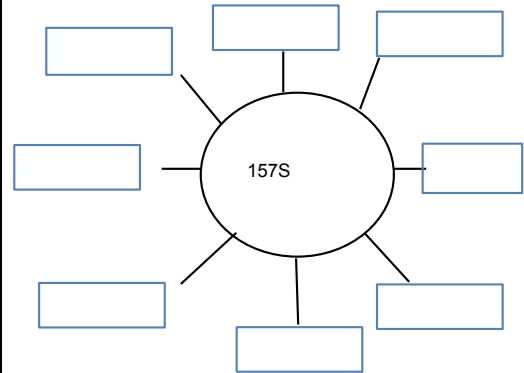


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 63										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 157A Photo #13										
Street: 53 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective			Deteriorating					
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	5' 11"	6	VCP		0				5.5" of sanitary solids
In	NW	6'	4	ACP	13'	0	0			inside of a 6" VCP pipe
Out	157	6' 1"	8	VCP	2'	0	0			
Sheet Number:										

SMH-157A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 157S Photo#										
Street: Barry Ave/Fairview Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

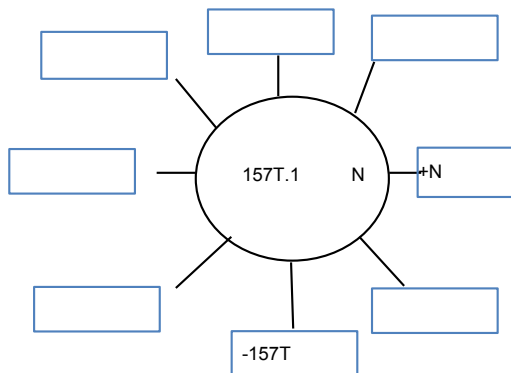


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 200										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 157T Photo #15										
Street: 46 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General 2" riser</p> <p>Comments: _____</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	157T.1	3' 11"	6	PVC	13	0	0			At 13', pipe slowly bends up. Pipe connection missing mortar.
In	N	5'	2	PVC		0	0			
In	NE	5'	2	PVC		0	0			
Out	157	5' 2"	8	PVC	13'	0	0			
Sheet Number: _____										

SMH-157T

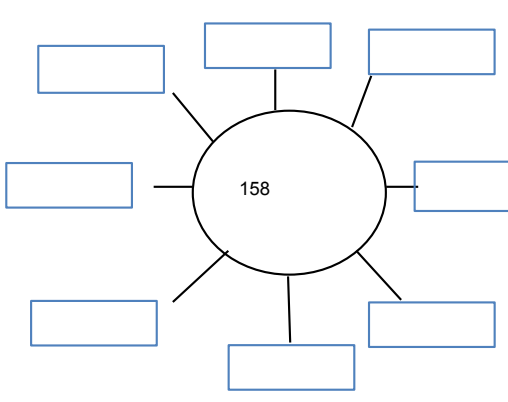


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 28										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 157T.1 Photo #16										
Street: 52 Barry Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame needs to be centered mortared down					
CHIMNEY	Pre cast	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH		X = Not Known			Can't inspect due to 5" of water					
CHANNEL	N/a									
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	3' 8"	6			0	0			8" opening with two 2" PVC pipes. Cannot lamp. Pipe connection missing mortar. Soil exposed at 10".
Out	157T	3' 9"	6	PVC	13'	0	0			At 15", end of two 2" pipes. Pipe connection missing mortar.
Sheet Number:										



SMH-157T.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 158 Photo#										
Street: 20 Fairview Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>General </p> <p>Comments: </p> </div> <div style="width: 35%; text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 348										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 159 Photo #7										
Street: 14 Greenfield Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments:</p> <p>Cover is too small for frame</p> <p>One 1.5" riser and two 2" risers</p> <p>Cracked pavement surrounding manhole</p> </div> <div style="text-align: center;"> <p>Diagram of manhole 159 showing connections to +160, +W, -155, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing brick, mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound			1" of debris and 2" sanitary solids					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	160	6' 4"	8	VCP	2'	1.5	0			At 2', flow drops down to 0.5". At 3', circular crack. At 4', offset joint 0.75" Misaligned joints throughout.
In	W	3' 2"	4	PVC	10'	0	0			inside drop w/downspout
Out	155	6' 5"	8	VCP	2'	0.75	0			
Sheet Number:										

SMH-159

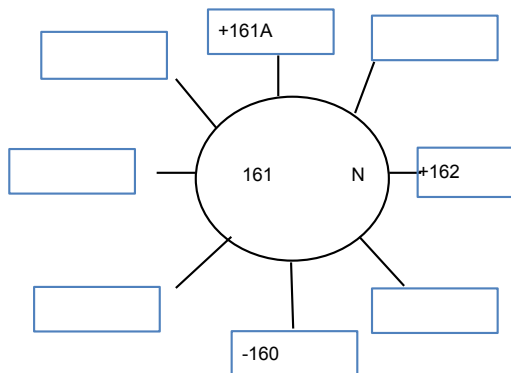


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 335										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 160 Photo #8										
Street: Bryon Ave./Greenfield Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cracked/missing pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 160: A central circle labeled '160' and 'N'. It has five lines radiating from it to boxes labeled '+S', '+163', '+161', '-159', and an unlabeled box.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	N/a									
WALLS	Poured in place	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	163	8' 7"	8	VCP	2'	0.75	0			1st and 2nd joints are misaligned
In	S	7' 8"	8	VCP	2'	0.1	1			At 2' soil exposed. Not capped off.
In	161	8' 5"	8	VCP	2'	0.75	0			All visible joints misaligned
Out	159	8' 10"	8	VCP	2'	1.25	0			
Sheet Number:										

SMH-160



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 397										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 161 Photo #9										
Street: 43 Bryon Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 2x2</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar, light roots					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	161A	6' 9"	4	PVC	10'	0.2	0			
In	162	6' 11"	8	VCP	2'	0.1	0			At 2', light roots
Out	160	7'	8	VCP	2'	0.3	0			At 2', light roots
Sheet Number: _____										



SMH-161



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 120										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 161A Photo #17										
Street: 43 Byron Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	N/a									
STEPS	N/a									
WALLS	Brick	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	1' 9"	5	ACP	13'	0	0			
Out	161	1' 10"	5	ACP	13'	0	0			
Sheet Number:										

SMH-161A





Environmental Monitoring
Pipeline Services
Operations & Maintenance

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/11/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 162 Photo#										
Street: 15 Fairview Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING				Grade:						
Ring Condition:				Drainage Area:						
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

2016 RIDGEFIELD MANHOLE INSPECTION REPORT

Prepared for:

AECOM
250 Apollo Drive
Chelmsford, MA 01824

Prepared by:

EST Associates, Inc.
51 Fremont Street
Needham, MA 02494

Book 5
Manhole ID: 163-621C

**2016 Manhole Inspections
Ridgefield, CT
Book 5
Manhole ID: 163-621C**

Manhole ID	Photo ID	Address
163	10	20 Bryon Ave.
163A	6	15 Bryons Ave.
163.1	11	20 Bryon Ave.
164	12	6 Bryon Ave.
165	22	533 Main St.
165A	21	533 Main St.
166	11	509 Main St.
167	10	Gilbert St. In sidewalk.
169	9	Ballards Park Main St.
170	8	451 Main St.
172	7	6 Catoonah St.
173	1	19 Catoonah St.
173A	6	353 Main St.
173A.1	3	27 Catoonah St.
175	4	33 Catoonah St.
176	6	36 Catoonah St.
176A	5	33 Catoonah St.
176.1	7	42 Catoonah St.
177A	8	45 Catoonah St.
178	9	Catoonah St./High Ridge Ave.
179	11	153 High Ridge Ave
179A	10	162 High Ridge Ave.
180	15	High Ridge Ave./Griffith Ln.
180A	4	123 High Ridge Ave.
180B	6	115 High Ridge Ave.
180C	5	121 High ridge Ave.
180D		113 High Ridge Ave.
184		South of 106 High Ridge Ave.
184A	14	111 High Ridge Ave.
184B		112 High Ridge Ave.
185	5	351 Main St.
185A	4	323 Main St.

185S		36 Griffith Ln.
186		305B Main St.
187	2	283 Main Street
188	1	283 Main St.
188A	16	12 Jackson Ct.
189	16	21 King Ln.
190	17	27 King Ln.
191	18	44 King Ln.
194	13	2 Peaceable St.
196	3	87 High Ridge Ave.
197	2	63 High Ridge Ave.
198		63 High Ridge Ave.
199	1	59 High Ridge Ave.
200		59 High Ridge Ave.
201		56 Shadow Ln.
202	13	21 King Ln.
202A		207 Main St.
202B	12	207 Main St.
203	10	181 Main St.
204	9	181 Main St.
204A		155 Main St.
205	8	149 Main St.
205A	7	127 Main St.
206	3	30 Griffith Ln.
206A	2	30 Griffith Ln.
206B	1	36 Griffith Ln.
207	4	16 Griffith Ln.
208	5	8 Griffith Ln.
400	3	Back side of Waste Water Treatment Plant
400D		Behind Waste Water Treatment Plant
400E	6	Easement off Old Quarry Rd.
400E.1	10	36 Old Quarry Rd.
400F	11	36 Old Quarry Rd.
400F.1	15	36 Old Quarry Rd.
400F.2	14	36 Old Quarry Rd.
400F.3	13	36 Old Quarry Rd.
400F.4	12	36 Old Quarry Rd.
400.1		Back side of Waste Water Treatment Plant
401	8	15 South St.
402		South St.
600	13	2 North St.
601	12	4 North St.
602	11	12 North St.

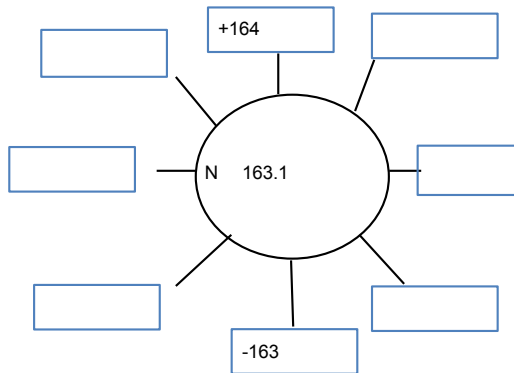
603	10	16 North St.
604	9	18 North St.
605	8	34 North St.
606	7	42 North St.
607	6	48 North St.
608	5	52 North St.
609	4	56 North St.
610	3	Copps Hill Rd./North St.
611		Rochambeau Ave./Copps Hill Rd.
612	2	Copps Hill Rd. In front of cemetery.
613	1	Lafayette Ave./Copps Hill Rd.
614	21	Copps Hill Rd. Near pump station
615	19	Copps Hill Rd. At pump station
615A	1	Copps Hill Rd. Right of pump station
615A.1	20	Copps Hill Rd. Inside pump station
615B		125 Danbury Rd. Behind Stop&Shop
616		Copps Hill Rd.
617		Copps Hill Rd.
618	5	63 Copps Hill Rd.
619	4	143 Danbury Rd.
620	17	Copps Hill Rd./Danbury Rd.
621	18	Farmingville Rd./Danbury Rd.
621A	2	Danbury Rd./Farmingville Rd. In sidewalk
621B	1	150 Danbury Rd.
621C	3	158 Danbury Rd.

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 202										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 163 Photo #10										
Street: 20 Bryon Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 3"					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	VCP & poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	163.1	6' 2"	8	VCP	2'	0.5	0			
In	163A	5' 3"	8	PVC	10'	0.25	0			At 10', pipe changes to 6" PVC. Pipe connection missing mortar.
Out	160	6' 3"	8	VCP	.2'	0.75	0			
Sheet Number:										

SMH-163



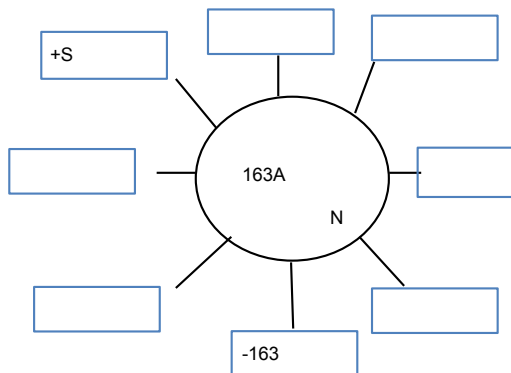
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 43										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 163.1 Photo #11										
Street: 20 Bryon Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 3x4</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound			Missing mortar					
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound			0.5" of dirt					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	164	6' 5"	8	ACP	13'	0.25	0			
Out	163	6' 6"	8	PVC	2'	0.5	0			
Sheet Number: _____										



SMH-163.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 300										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 163A Photo #6										
Street: 15 Bryons Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div style="width: 400px; height: 40px; border: 1px solid black;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH		X = Not Known			3" sanitary solids					
CHANNEL		X = Not Known								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	5' 5"	4	PVC	13'	0	0			
Out	163	5' 7"	8	PVC	6'	0	0			Pipe connection missing mortar. Changes to 6" at
Sheet Number:										



SMH-163A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/17/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 247										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 164 Photo #12										
Street: 6 Bryon Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> </div> <div> <p>Grade: Drainage Area:</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar. Loose bricks					
CONE	Brick	D = Defective			Missing mortar					
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Brick & Parged	S = Sound								
CHANNEL	Brick	X = Not Known			1" of debris					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	5' 1"	5	VCP	2'	0	0			Capped off at 2'
In	S	5' 5"	5	VCP	2'	0.25	0			At 2', pipe bends right
Out	163.1	6'	8	VCP	2'	0.25	0.5			
Sheet Number:										

SMH-164

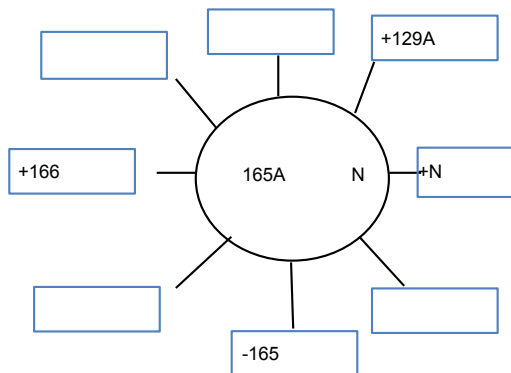


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 115										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 165 Photo #22										
Street: 533 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole 165 showing connections to +165A, -128, +NE, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar, light roots. Seams missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	7' 6"	4	PVC	10'	0.1	0			
In	165A	8' 5"	18	PVC	4' & 1	4	0			Pipe connection missing mortar. At 1', 8" service c
Out	128	8' 6"	18	PVC	6' & 1	4.5	0			
Sheet Number:										

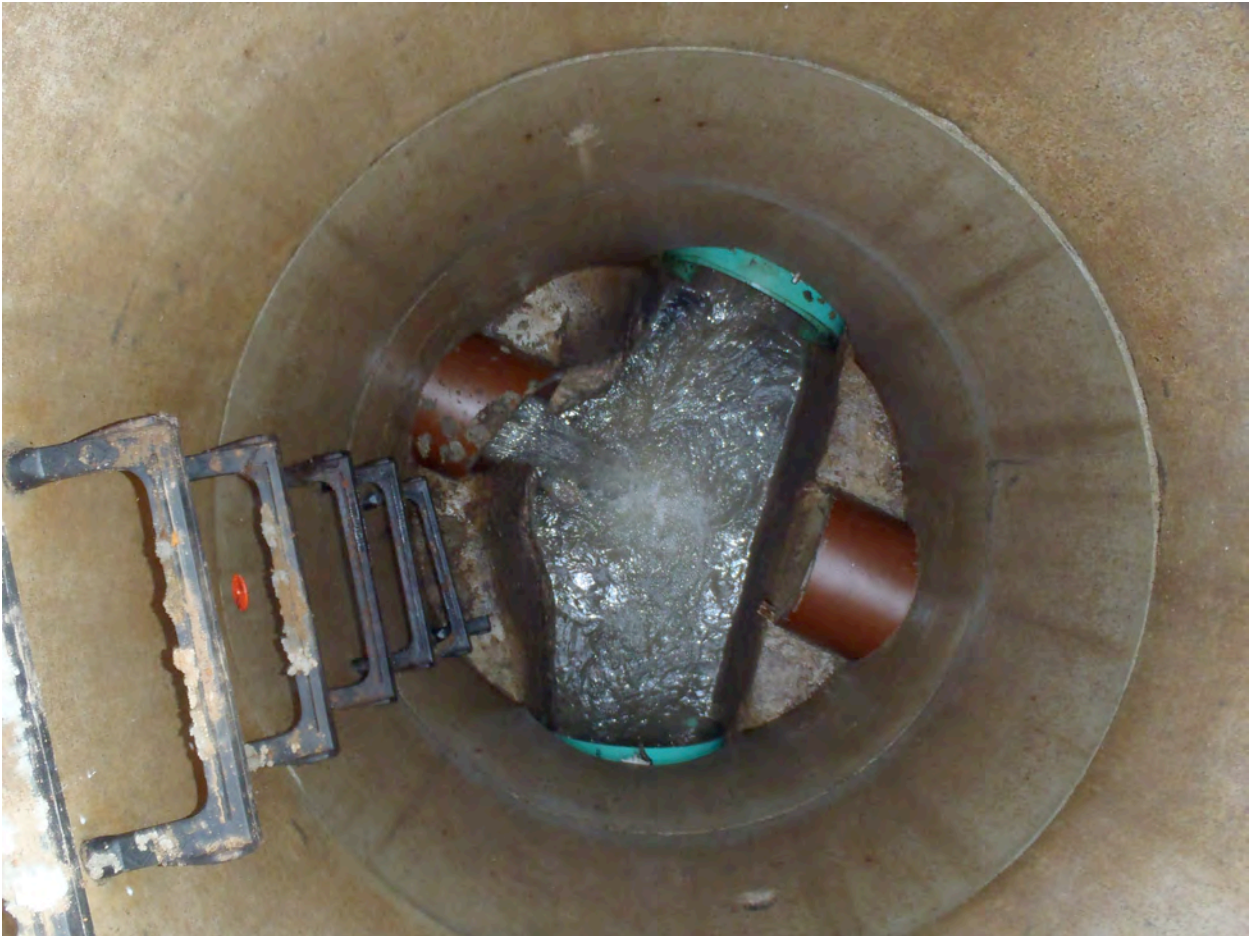
SMH-165



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 79										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 165A Photo #21										
Street: 533 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Lift holes missing mortar. Seams missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	166	9' 7"	12	Lined		1.5	0			
In	129A	10' 6"	18	PVC	8'	2	0			Pipe connection missing mortar
In	N	9' 4"	12	VCP						Cemented off
Out	165	10' 7"	18	PVC	10'	4"	0			Pipe connection missing mortar
Sheet Number:										



SMH-165A

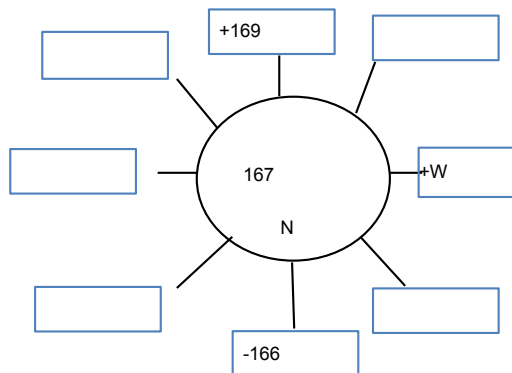


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 210										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 166 Photo #11										
Street: 509 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" below 3x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 166: A central circle labeled '166' with 'N' below it. It has eight lines radiating from it to boxes. Clockwise from top-left: empty box, +167, empty box, empty box, -165A, empty box, empty box, empty box.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Defective			Rusted					
WALLS	Brick	D = Defective			Missing mortar. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	Liner	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	167	6' 7"	12	Lined		2	0	0.25		Pipe connection missing mortar
Out	165A	6' 8"	12	Lined		2	0			Pipe connection missing mortar . 165A is in sub ar
Sheet Number:										

SMH-166



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 174										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 167 Photo #10										
Street: Gilbert St. In sidewalk. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="width: 300px; height: 100px; border: 1px solid black;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Broken brick, missing mortar.					
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	169	5' 9"	12	Lined		2.5	0			
In	W	6' 2"	6	VCP	2'	0	1			
Out	166	6' 8"	12	Lined		3	0			
Sheet Number:										



SMH-167



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 590										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 169 Photo #9										
Street: Ballards Park Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 9" above</div> <div>Drainage Area: 2x2</div> </div>										
<div style="text-align: center;"> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	170	5' 9"	12	Lined		1.5	0			
Out	167	6' 6"	12	Lined		1.5	0			
Sheet Number: _____										

SMH-169



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 70										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 170 Photo #8										
Street: 451 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Steele	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	172	11' 1"	18	Lined		5"	0			
Out	169	11' 2"	12	Lined		4"	0			
Sheet Number:										

SMH-170



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 431										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 172 Photo #7										
Street: 6 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing brick/mortar					
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	4' 8"	4	VCP	2'	0	0.75			Appears abandoned
In	173	8' 4"	12	Lined		3	0			
Out	170	8' 5"	12	Lined		3	0			
Sheet Number:										

SMH-172



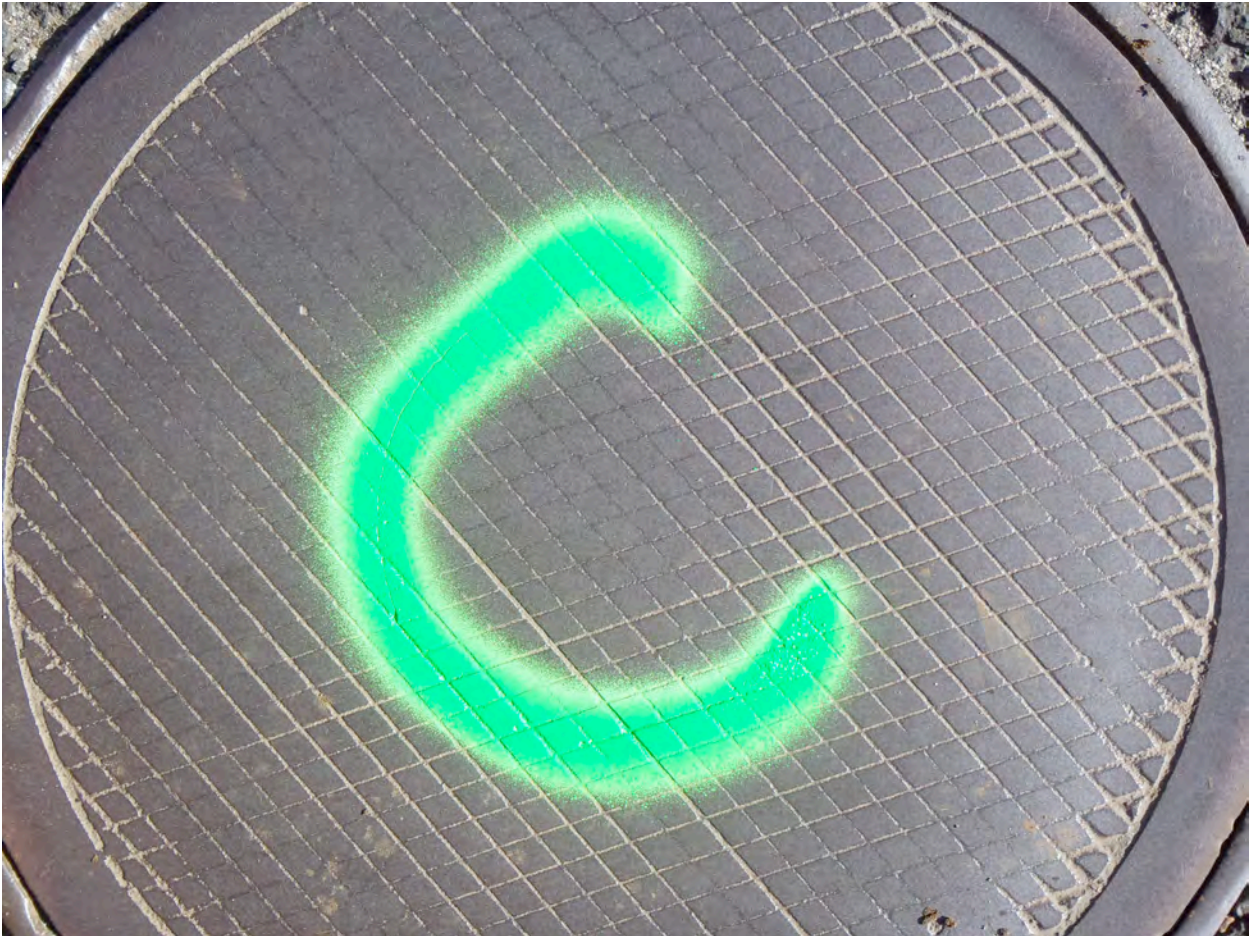
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 164										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 173 Photo #1										
Street: 19 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Cracked										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
<div style="display: flex; justify-content: space-between;"> Grade: 0.375" above Drainage Area: 2x2 </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments: Cracked pavement surrounding manhole</p> <p>Photo 2 shows crack in cover</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	7' 9"	8	VCP	2'	0	0			At 4", changes to 6" VCP
In	173A	7' 10"	12	Lined		1.25	0			
In	173A.1	7' 10"	8	Lined		1	0			Bell end
Out	172	8'	12	Lined		1.75	0			
Sheet Number:										

SMH-173

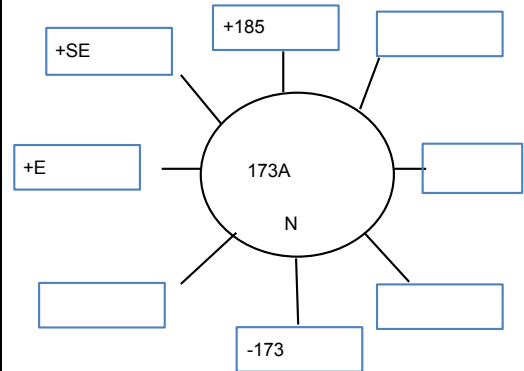




SMH-173 CRACK COVER



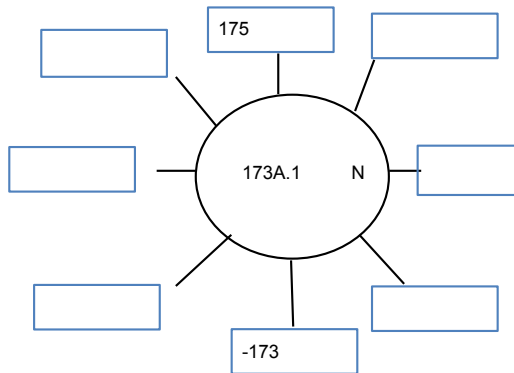
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 290										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 173A Photo #6										
Street: 353 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x 10										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> Cracked pavement surrounding manhole 1.5" riser </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick & parged	D = Defective			Missing mortar. Weeping					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	4'	6	VCP	2'	0.25	0			1st joint offset 1", soil exposed. At 3', circular crack
In	SE	2' 9"	6	VCP	2'	0.25	0			Pipe connection missing mortar
In	185	7'	12	Lined		2	0			
Out	173	7' 1"	12	Lined		3	0			Pipe connection missing mortar
Sheet Number:										



SMH-173A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 298										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 173A.1 Photo #3										
Street: 27 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: 2 below Drainage Area: 4x7 </div>										
General Comments: Two 1" risers and one 2" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	175	8' 2"	8	VCP	3'	1	0			
Out	173	8' 3"	8	Lined		1	0			
Sheet Number: _____										



SMH-173A.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 161										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 175 Photo #4										
Street: 33 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound			Seams missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	VCP & poured in place	D = Defective	0.25							
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	7' 6"	6	PVC	8'	0	0			
In	176A	7' 10"	8	VCP	3'	1	0.25			
Out	173A.1	7' 11"	8	VCP	3'	1	0.5			
Sheet Number:										

SMH-175

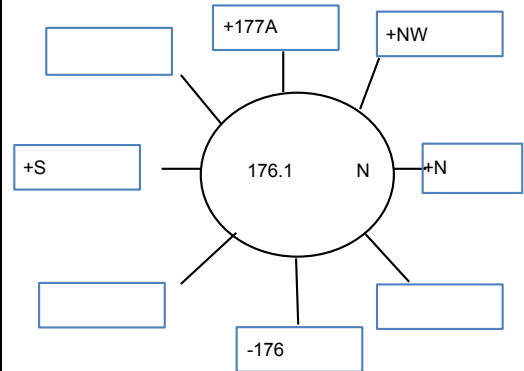


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 105										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 176 Photo #6										
Street: 36 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General 1.5" riser. Riser is loose.</p> <p>Comments: Cracked pavement surrounding manhole</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	X = Not Known			Too much mud covering chimney.					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	4' 8"	6	PVC		0.2				90° elbow, cannot lamp. Pipe connection missing mortar
In	176.1	9' 2"	8	VCP	3'	0.75	0			
Out	176A	9' 5"	8	VCP	3'	0.75	0			
Sheet Number:										

SMH-176



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 206										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 176.1 Photo #7										
Street: 42 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
					Grade:		Drainage Area:			
					0.75" above		2x2			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div> <p>Cracked pavement surrounding manhole</p> <p>Cover does not fit frame</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	D = Defective			Lift holes missing mortar. Seams missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	5' 9"	6	PVC		0.25				5" sanitary solids. Pipe connection missing mortar
In	177A	7' 2"	8	VCP	3'	0.75	0			
In	NW	6' 3"	4	PVC	4'	0	0			At 4', bends up 22°. Pipe connection missing mortar.
In	N	6' 3"	4	PVC	4'	0	0			At 4', bends up 22°. Pipe connection missing mortar
Out	176	7' 3"	8	VCP	3'	0.75	0			
Sheet Number:										



SMH-176.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 34										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 176A Photo #5										
Street: 33 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	176	7' 9"	8	VCP	3'	0.75	0			
In	N	7' 1"	4	PVC	2'	0	0			At 2', bends 22° up.
Out	175	7' 10"	8	VCP	3'	0.75	0			
Sheet Number:										

SMH-176A

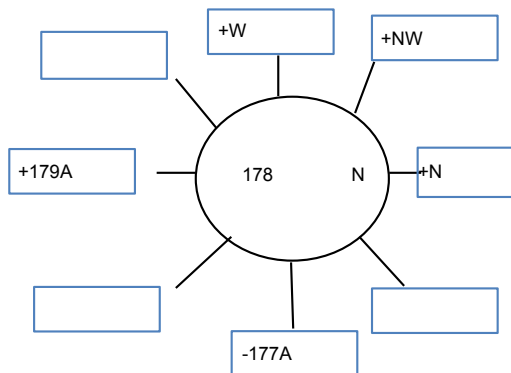


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 95										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 177A Photo #8										
Street: 45 Catoonah St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x5			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Cracked pavement surrounding manhole.</p> <p>Appears to be a frame on top of a frame.</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	5'	4	VCP	2'	0.1	0			Pipe connection missing mortar
In	178	6' 4"	8	VCP	2'	1.5	0.5			
In	NW	4' 9"	6	VCP	2'	0	0			
Out	176.1	6' 5"	8	VCP	2'	0.75	0			
Sheet Number:										

SMH-177A



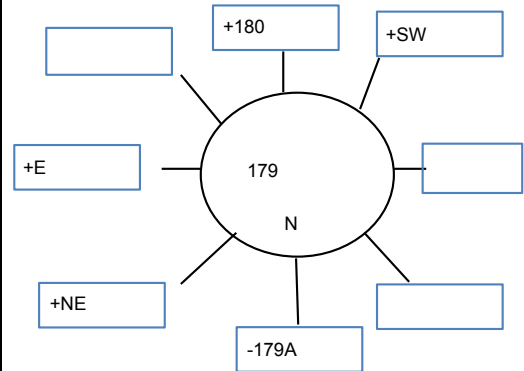
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 287										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 178 Photo #9										
Street: Catoonah St/High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Worn										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" above</div> <div>2x8</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Cracked/missing pavement surrounding manhole</div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	179A	12' 8"	8	VCP	2'	0.75	0			
In	W	6' 7"	6	VCP	1'	0	4			Bricked off at 1'
In	NW	6'	6	VCP	2'	0	0			At 2', changes to 6" PVC. At 6', changes to VCP.
In	N	7' 1"	6	VCP	3'	0	0			At 3', changes to 6" PVC. At 5', changes to VCP.
Out	177A	12' 9"	8	VCP	2'	0.75	0			
Sheet Number: _____										



SMH-178



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 171										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 179 Photo #11										
Street: 153 High Ridge Ave City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x 4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	3' 1"	6	PVC		0	0			90° elbow cannot lamp.
In	E	4'	6	PVC	5'	0	0			At 5', 45° bend up
In	180	11' 4"	8	VCP	2'	0.5	0			
In	SW	11' 4"	6	VCP	2'	0.5	0			
Out	179A	11' 5"	8	VCP		0.75	0			
Sheet Number: _____										



SMH-179

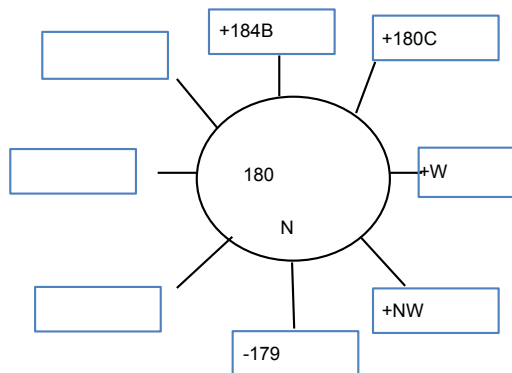


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 279										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 179A Photo #10										
Street: 162 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
General Comments: 2" riser. Riser is worn										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar, light roots.					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	3' 10"	6	VCP	2'	0.375	0			At 2', joint offset 0.75"
In	179	9' 1"	8	VCP	2'	1.5	0.5			
In	W	9' 1"	6	VCP		0	0			Bricked off at 10"
Out	178	9' 2"	8	VCP	2'	1.25	0.5			
Sheet Number:										

SMH-179A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 395										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 180 Photo #15										
Street: High Ridge Ave./Griffith Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
General 2" riser										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	N/a									
WALLS	Brick	D = Defective			Missing mortar, light roots.					
BENCH		X = Not Known			Under 1" of water and dirt.					
CHANNEL		X = Not Known								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	184B	7' 2"	8	VCP	2'	0.25	0			
In	180C	7' 3"	6	VCP	12"	>0.1	0			At 1', changes to 6" PVC, offset 3". Pipe connection missing mortar.
In	W	11' 2"	6	ACP	5'	0.25	0			
In	NW	10' 5"	8	PVC	13'	0	0			Pipe connection missing mortar.
Out	179	13' 5"	8	VCP	2'	0.5	0			
Sheet Number:										



SMH-180

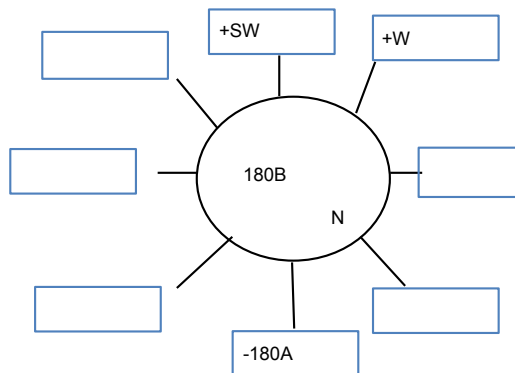


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 236										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 180A Photo #4										
Street: 123 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/A									
CONE	Block	S = Sound								
STEPS	N/A									
WALLS	Block	D = Defective			Missing mortar, light roots					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	180D	3' 1"	6	ACP	10'	0.25	0			
In	180B	3' 2"	6	VCP	3'	0.5	0			At 3', changes to 6" ACP 10' long.
In	NW	3' 2"	4	VCP	3'	0	0			Pipe connection, light roots. At 3', changes to 6" A
Out	180C	3' 4"	6	ACP	10'	0.5	0			
Sheet Number:										

SMH-180A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 221										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 180B Photo #6										
Street: 115 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 4" above</div> <div>Drainage Area: 2x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Loose from corbel					
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	3' 8"	6	PVC	10'	0.25	0			Pipe connection missing mortar
In	W	3' 9"	4	PVC	10'	0	0			Pipe connection missing mortar
Out	180A	3' 10"	6	ACP	10'	0.25	0			
Sheet Number:										



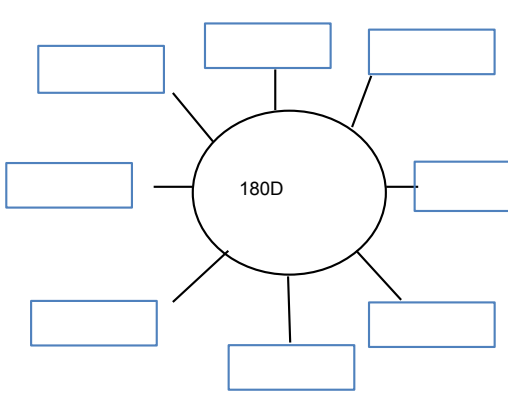
SMH-180B



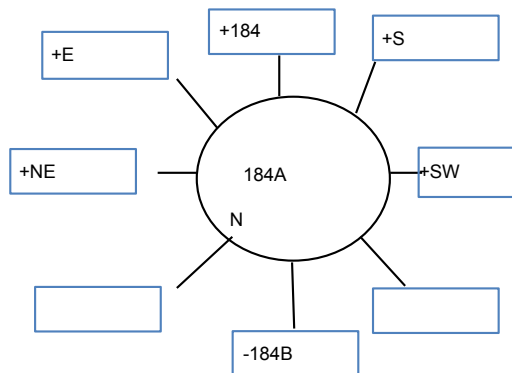
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 230										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 180C Photo #5										
Street: 121 High ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 6x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram: A central circle labeled '180C' with 'N' below it. Lines connect it to eight surrounding boxes: one labeled '180A' to the right, one labeled '-180' below, and six empty boxes at various angles.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Block	D = Defective			Missing mortar					
STEPS	Cast iron	Sound								
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	180A	11' 1"	6	ACP	10'	1"	0			
Out	180	11' 2"	6	PVC	10'	1"	0			
Sheet Number:										

SMH-180C



1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/5/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 180D Photo#												
Street: 113 High Ridge Ave. City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

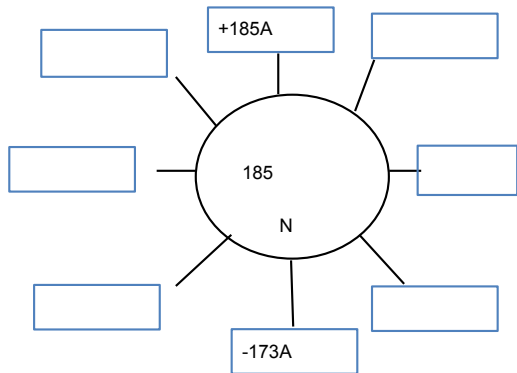
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 618										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 184A Photo #14										
Street: 111 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 4x4</div> </div>										
General Comments: Cracked/missing pavement surrounding manhole 1.5" riser Footage taken to manhole 180, manhole 184B not found										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Brick & Parged	D = Defective			Missing mortar					
CHANNEL	Brick	D = Defective	0.1		Missing mortar					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	5' 3"	6	VCP		0				At 1', full pipe of dirt.
In	E	4' 8"	4	Cast Iron		0.2	0			Pipe connection missing mortar. Tuberculated, cannot tell joint lengths.
In	184	5' 3"	6	VCP		0	0			Bricked off at 1'.
In	S	4' 8"	4	Cast Iron		0	0			Tuberculated, cannot tell joint lengths.
In	SW	4' 9"	6	VCP	2'	0	0			
Out	184B	5' 4"	6	VCP	2'	0.25	0			
Sheet Number:										



SMH-184A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 382										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 185 Photo #5										
Street: 351 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 3" below</div> <div>Drainage Area: 4x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	N/a									
WALLS	Brick & parged	D = Defective			Missing mortar. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	185A	6' 1"	12	Lined		2.5	0			Pipe connection missing mortar, weeping
Out	173	6' 2"	12	Lined		3	0			Pipe connection missing mortar
Sheet Number:										



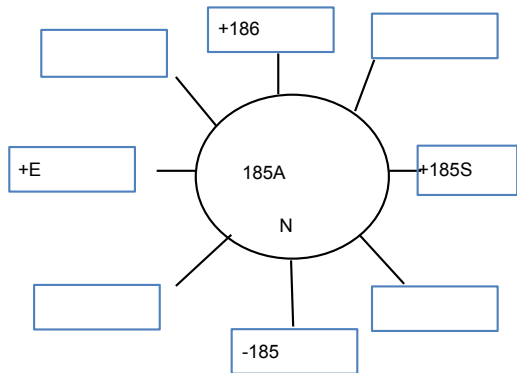
SMH-185



SMH-185A COVER FND. OFF

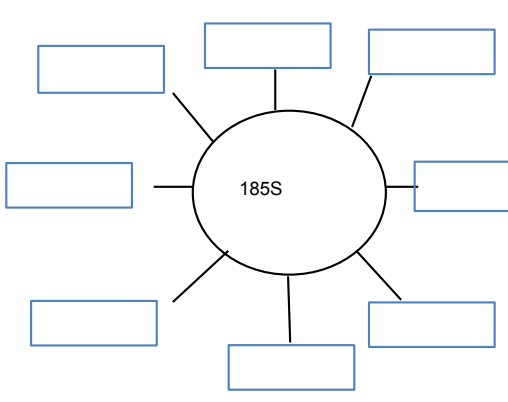


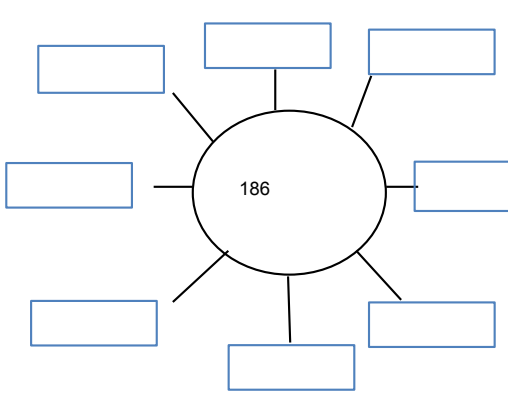
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 93										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 185A Photo #4										
Street: 323 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
<div style="display: flex; justify-content: space-between;"> 1' above 2x2 </div>										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div> <p>Found manhole with cover off on ground.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place & liner	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	4' 11"	4	PVC	13'	0.1	0			
In	186	5' 4"	12	Lined		2.5	0			
In	185S	5' 4"	8	PVC	13'	0.5	0.25			Pipe connection missing mortar
Out	185	5' 5"	12	Lined		2	0			
Sheet Number:										

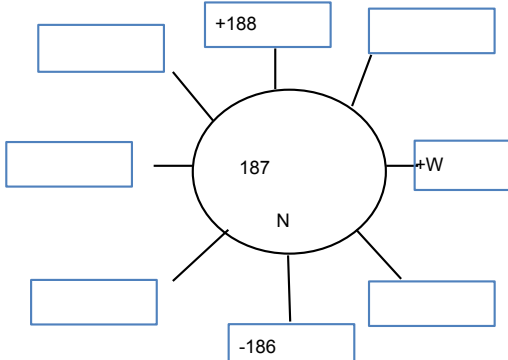


SMH-185A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 185S Photo#										
Street: 36 Griffith Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/9/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 186 Photo#												
Street: 305B Main St. City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 163										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 187 Photo #2										
Street: 283 Main Street City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3 Above		2x2			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	N/A									
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Parged	S = Sound								
CHANNEL	Liner	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	188	7' 9"	12	Lined		2.5	0			At 6', pipe leak 0.25 GPM
In	W	7'	8	ACP	13'	0.25	0			
Out	186	7' 10"	12	Lined		3	0			
Sheet Number:										

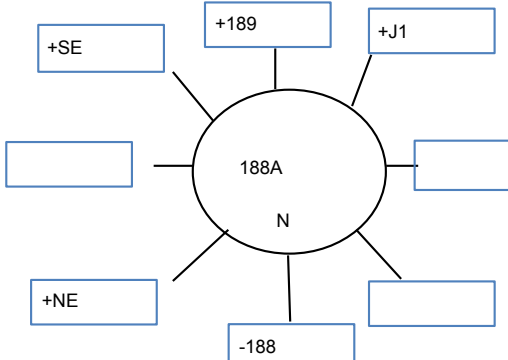
SMH-187



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/9/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 238										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 188 Photo #1										
Street: 283 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 188 showing connections to +188A, -187, and several empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar. Weeping					
STEPS	N/A									
WALLS	Brick	D = Defective			Missing mortar. Weeping					
BENCH	Parged	S = Sound								
CHANNEL	Liner	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	188A	6' 9"	10	Lined		4	1			
Out	187	6' 9"	12	Lined		3	0			
Sheet Number:										

SMH-188

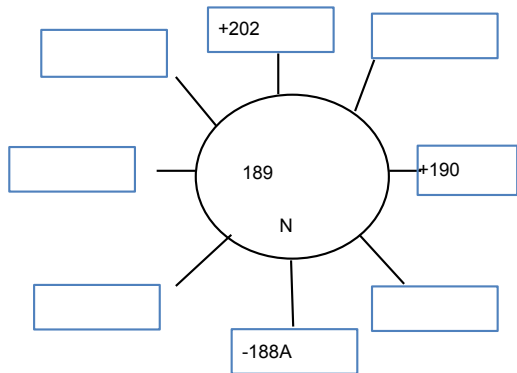


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 92										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 188A Photo #16										
Street: 12 Jackson Ct. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" below 4x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;">  </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar. Weeping					
CONE	Block	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Block	S = Sound								
BENCH	Poured in place	D = Defective								
CHANNEL	PVC	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	5' 4"	4	ACP		0	0			Filled with dirt at 1'
In	SE	5' 4"	4	ACP		0	0			Capped off at 3'
In	189	6' 6"	10	PVC	10'	1.5	0			
In	J1	5' 10"	8	PVC	10'	0.75	0.5			
Out	188	6' 7"	10	PVC	10'	1.5	0			
Sheet Number:										

SMH-188A



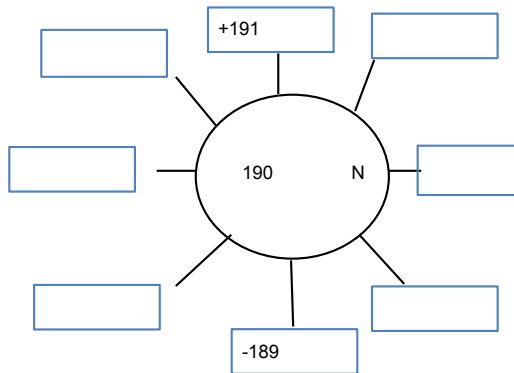
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 338										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 189 Photo #16										
Street: 21 King Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Parged	S = Sound								
STEPS	N/a									
WALLS	Parged	D = Defective			Missing parging					
BENCH	Parged	S = Sound								
CHANNEL	Brick	D = Defective			Missing mortar, light mineral deposits.					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	202	8' 9"	10	Lined		1	0			
In	190	6' 7"	12	Lined		0.5	0			
Out	188A	9' 2"	10	Lined		1.25	0			
Sheet Number:										



SMH-189



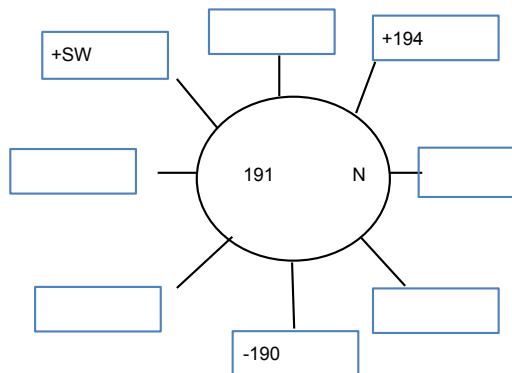
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 201										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 190 Photo #17										
Street: 27 King Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x12										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> 1.5" riser </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & Parged	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	191	6' 11"	10	VCP	3'	1	0			
Out	189	7'	10	VCP	3'	1	0			
Sheet Number:										



SMH-190



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 302										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 191 Photo #18										
Street: 44 King Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" below</div> <div>Drainage Area: 2x12</div> </div>										
General 1.5" riser Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	4' 4"	6	VCP	2'	0.1	0			
In	194	9' 7"	10	VCP	2'	0.75	0			
Out	190	9' 8"	10	VCP	2'	0.75	0			
Sheet Number:										



SMH-191



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Partly cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 296										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 194 Photo #13										
Street: 2 Peaceable St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" below</div> <div>Drainage Area: 3x4</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments: Two 1.5" risers. Cover does not fit riser</p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Sound								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	195	7' 6"	8	Lined		0.5	0			
Out	191	7' 7"	8	VCP	2'	0.75	0.5			
Sheet Number: _____										

SMH-194

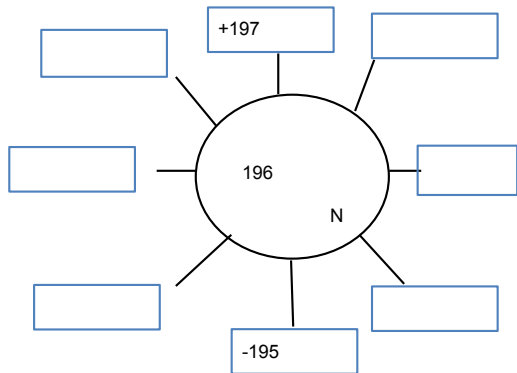


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/13/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 195 Photo #12										
Street: 2 Peaceable St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x5										
<div style="display: flex; justify-content: space-between;"> <div> General Two 2" risers Comments: Cracked pavement surrounding manhole </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	196	4' 3"	8	VCP	2'	0.5	0			
In	E	3' 9"	2	PVC		0				45° elbow, cannot lamp. Pipe connection missing
Out	194	4' 4"	8	Lined		0.75	0			
Sheet Number:										

SMH-195



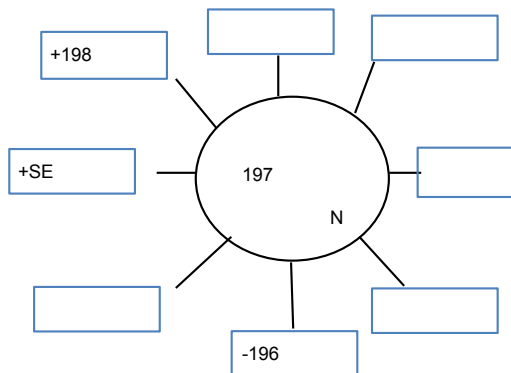
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 151										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 196 Photo #3										
Street: 87 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>13" below</div> <div>2x2</div> </div>										
<p>General Manhole should be marked with steel post.</p> <p>Comments: _____</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Brick	S = Sound								
STEPS	Steel	Defective								
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	197	4' 11"	8	VCP	3'	0.5	0			
Out	195	5'	8	VCP	3'	0.5	0			
Sheet Number: _____										



SMH-196

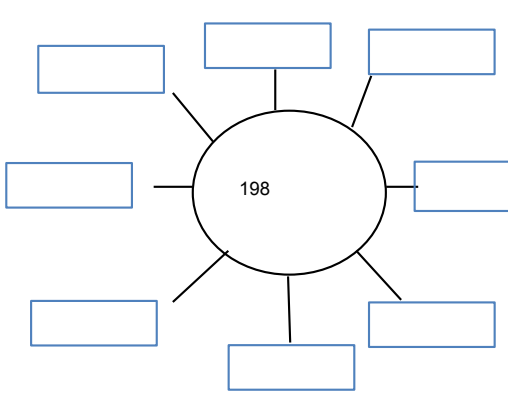


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 454										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 197 Photo #2										
Street: 63 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1/2" below</div> <div>Drainage Area: 2x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar, light roots					
CONE	Brick	D = Defective			Missing mortar, light roots					
STEPS	Steel	Defective			Rusted					
WALLS	Brick	D = Defective			Missing mortar, light roots					
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	5'	6	PVC	10'	0	0			
In	198	5'	8	VCP	2'	0.5	0			1st and 2nd joints, light roots. 7th joint, moderate roots.
Out	196	5' 1"	8	VCP	2'	0.25	0			Pipe connection, light roots
Sheet Number:										



SMH-197



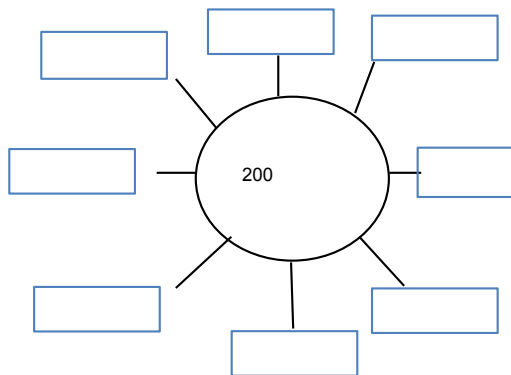
1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/5/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 198 Photo#												
Street: 63 High Ridge Ave. City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

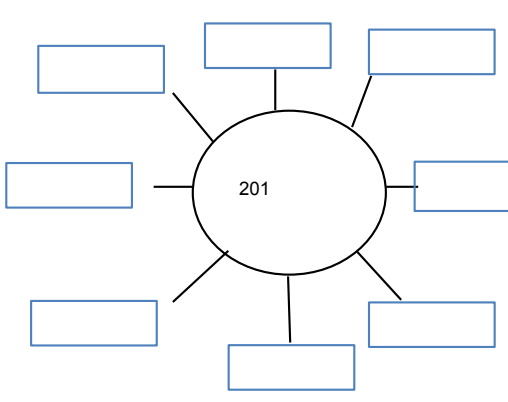
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 256										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 199 Photo #1										
Street: 59 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3/4" Above		2x2			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Steel	Defected			Corroded					
WALLS	Brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	2' 7"	2	PVC		0	0			inside drop w/downspout
In	E	5' 6"	6	VCP	2	0	6			
In	SE	5' 3	4	PVC		0.25				inside drop w/downspout
In	200	6' 9"	6	VCP	2	0	0			
In	SW	6' 11"	6	VCP		0	0			Capped off at 1'
Out	198	7'	6	VCP	3'	0.1	0			
Sheet Number: _____										

SMH-199

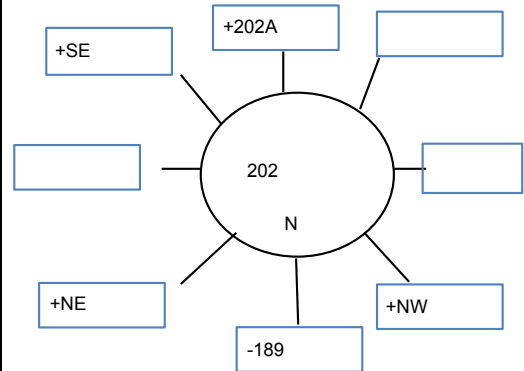


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 200 Photo#										
Street: 59 High Ridge Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION														
Inspector: JH,TZ Certificate #: Date: 5/5/2016														
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy														
Inspection Status: NF = Not Found Ft to Downstream MH:														
GPS Coordinates: Inspection Level: Level 1														
2. LOCATION														
MH/Access Point Number: 201 Photo#														
Street: 56 Shadow Ln. City: Ridgefield, CT														
3. MANHOLE														
Access Type: AMH = Manhole														
5. COVER														
Cover Condition:														
7. MANHOLE COVER ADJUSTMENT RING														
Ring Condition:														
														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>											Grade:	Drainage Area:		
Grade:	Drainage Area:													
General Comments:														
INTERNAL MANHOLE OBSERVATIONS														
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments									
FRAME														
CHIMNEY														
CONE														
STEPS														
WALLS														
BENCH														
CHANNEL														
Surcharge from Invert: None Evident Currently ft Marks to ft														
LINE CONDITIONS														
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments				
Sheet Number:														

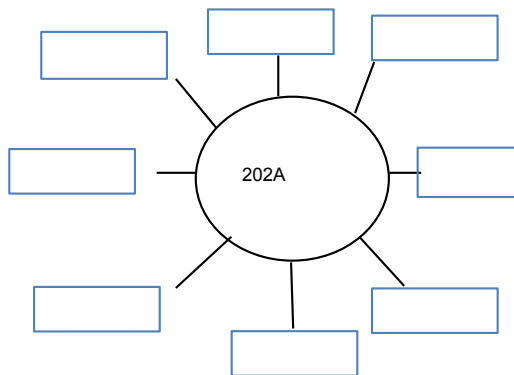
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 109										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 202 Photo #13										
Street: 21 King Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade: 4" below		Drainage Area: 6x10			
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	D = Defective			Missing mortar					
CONE	Parged	S = Sound								
STEPS	N/a									
WALLS	Parged & brick	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NE	1' 6"	4	Cast Iron	3'	0	0			At 6', bends right
In	SE	5'	6	VCP	3'	0.1	0			
In	202A	6' 4"	10	Lined		1.25	0			
In	NW	5'	4	VCP	3'	0	0			At 3', changes to 4" PVC
Out	189	6' 6"	10	Lined		1.25	0.5			
Sheet Number: _____										



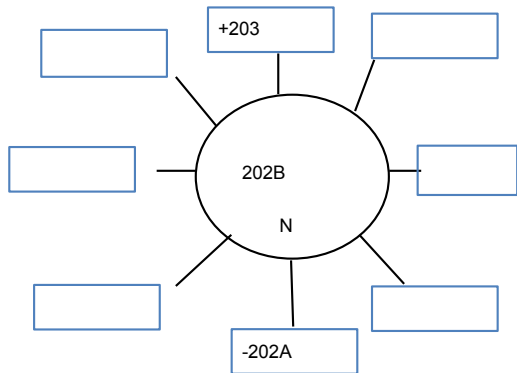
SMH-202



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level:										
2. LOCATION										
MH/Access Point Number: 202A Photo#										
Street: 207 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



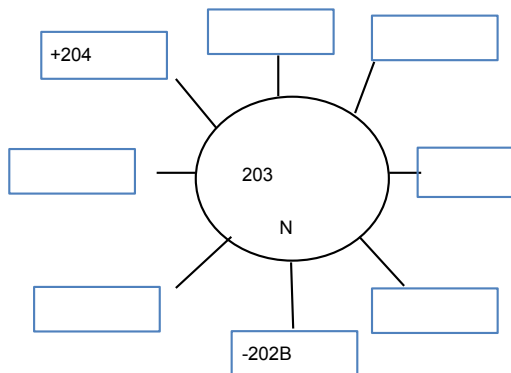
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 248										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 202B Photo #12										
Street: 207 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 3" below 4x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Footage taken to next manhole (202). Manhole 202A not found.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Parged	S = Sound								
STEPS	N/a									
WALLS	Parged	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	VCP				~1" of dirt. Piece of PVC wedged into outgoing pipe.					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	203	6'	10	Lined		1	0			
Out	202A	7' 5"	10	Lined		1	0			
Sheet Number: _____										



SMH-202B



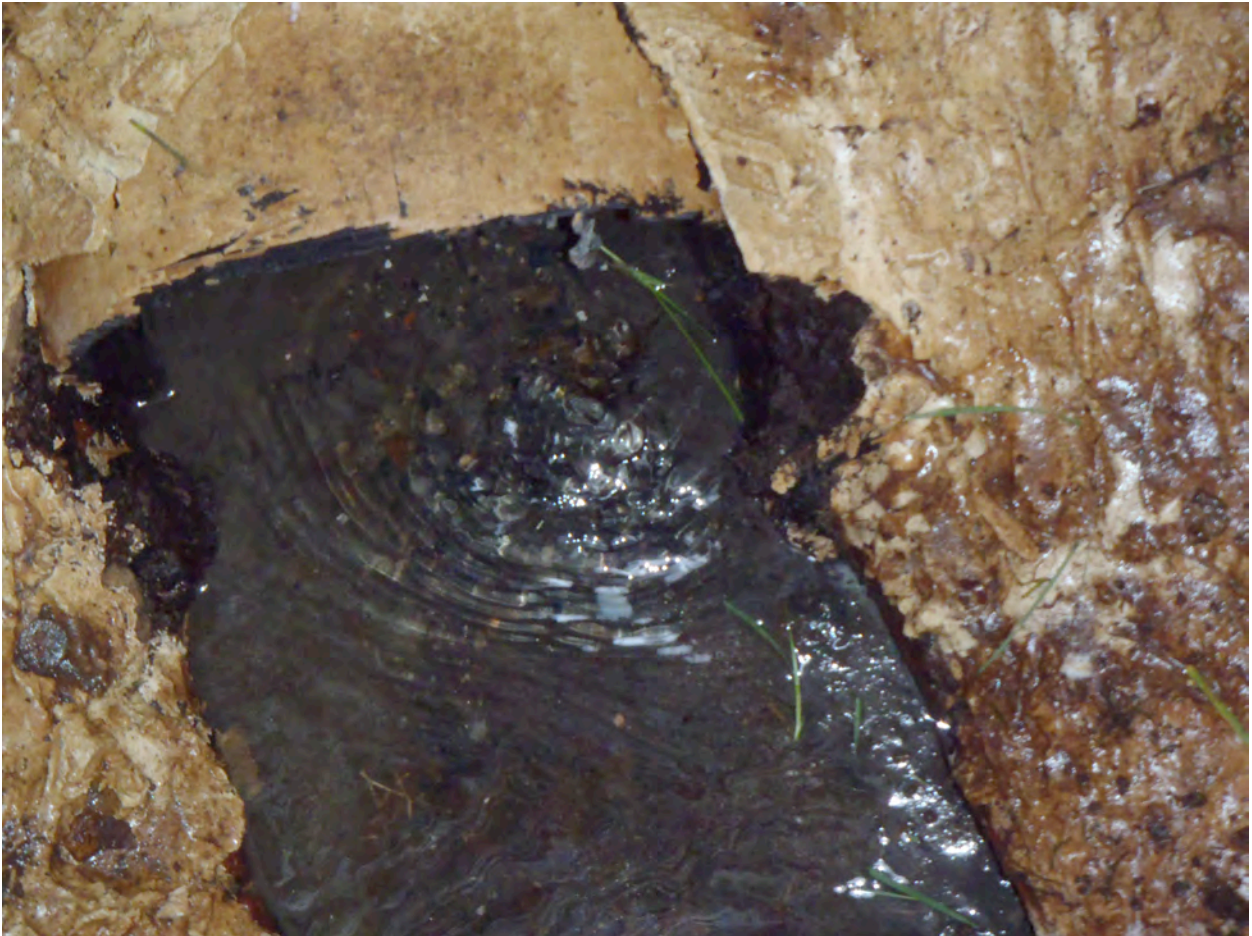
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 262										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 203 Photo #10										
Street: 181 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 2" below</div> <div>Drainage Area: 2x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	D = Defective			Parging is peeling					
CONE	Parged	D = Defective			Parging is peeling					
STEPS	N/a									
WALLS	Parged	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	204		10	Lined		1"	0.25	0.25		
Out	202B		10	Lined		1"	0.25	1	11	
Sheet Number:										



SMH-203



SMH-203 LEAK

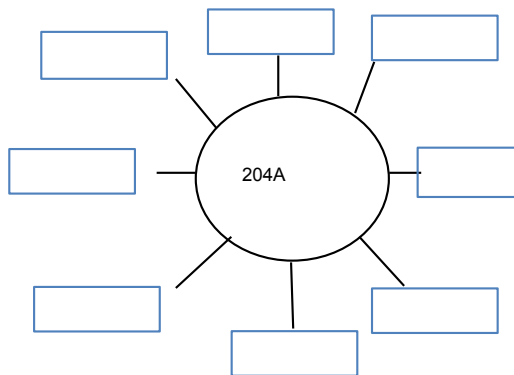


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 233										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 204 Photo #9										
Street: 181 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					4" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole 204 showing connections to +E, +204A, +SW, -203, and +N.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Parged	S = Sound								
STEPS	N/a									
WALLS	Parged	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	3' 6"	4	Cast Iron		0	0			Tuberculated
In	E	4' 4"	6	VCP	3'	0.25	0			
In	204A	5' 4"	10	Lined		1"	0.25			
In	SW	4' 1"	6	PVC		0.2	0			At 1', bends 22 degrees right
Out	203	5' 5"	10	Lined		1"	0			
Sheet Number:										

SMH-204



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 204A Photo#										
Street: 155 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 198										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 205 Photo #8										
Street: 149 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 205: A central circle labeled '205' with an 'N' below it. Eight lines radiate from the circle to eight rectangular boxes. The top-right box is labeled '+205A', the bottom box is labeled '-204A', and the other six boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Parged	S = Sound								
STEPS	Brick	Poor								
WALLS	Parged	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick & VCP	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	205A	7' 10"	10	VCP	3'	0.75	0			
Out	204A	9'	10	Lined		0.75	0			
Sheet Number:										

SMH-205



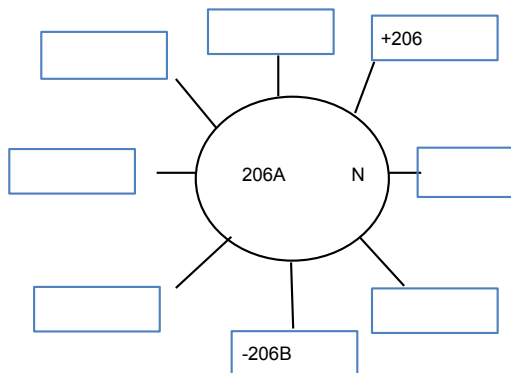
1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 5/5/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 373										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 205A Photo#										
Street: 127 Main St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					8" below		4x6			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>205A</p> <p>N</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	D = Defective			Missing parging, medium roots					
CONE	Parged	D = Defective			Missing parging, medium roots					
STEPS	Steel	Defective								
WALLS	Brick & parged	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick & Parged	D = Defective								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	6' 1"	6	VCP	1'	0	0			Capped off
In	S	6' 1"	10	VCP	1'	0	0			Bricked off
In	SW	2' 10"	4	VCP		0.1	0			22 degree elbow. Pipe connection missing mortar,
Out	205	6' 3"	10	VCP	5'	0.25	0			
Sheet Number:										

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 53										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 206 Photo #3										
Street: 30 Griffith Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 4x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Block	D = Defective			Missing mortar					
STEPS	Steel	Defective								
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	207	8' 10"	8	VCP	2'	0.5	0			1st joint, light mineral deposits
In	NW	7' 9"	5	VCP	2'	0.2	0			
In	N	8' 2"	6	ACP	13'	0.25	0			
Out	206A	8' 11"	8	VCP	2'	0.5	0			1st joint, light mineral deposits
Sheet Number:										

SMH-206



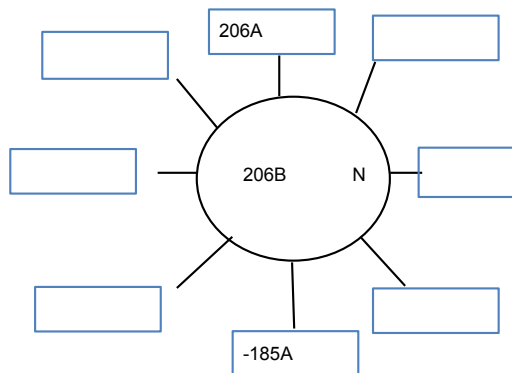
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 115										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 206A Photo #2										
Street: 30 Griffith Ln City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" below 4x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="width: 400px; height: 100px; border: 1px solid black;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	206	8' 1"	8	VCP	2'	0.5	0			At 1', pipe missing at 3 o'clock
Out	206B	8' 2"	8	PVC	13'	0.5	0			
Sheet Number:										



SMH-206A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 233										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 206B Photo #1										
Street: 36 Griffith Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.5" below 3x12										
Footage taken to MH 185A, Cannot locate MH 185S.										
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast Iron	Sound								
CHIMNEY	Brick & pre cast ring	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	206A	7' 5"	8	PVC	13'	0.5	0			
Out	185A	7' 6"	8	PVC	13'	0.5	0			
Sheet Number:										



SMH-206B

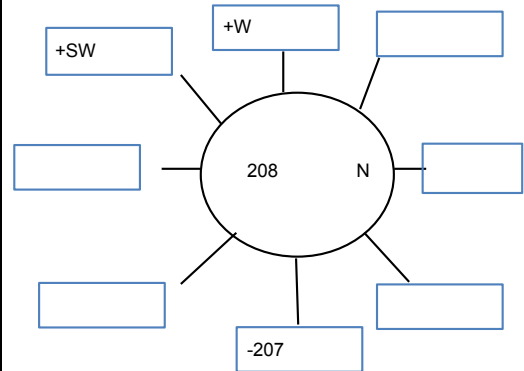


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 319										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 207 Photo #4										
Street: 16 Griffith Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" above 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	208	7' 4"	8	VCP	2'	0.1	0			At 3', service connection to 3' o'clock. At 6', pipe bends to the right.
In	NW	5' 3"	5	ACP		0				90 degree elbow, cannot lamp line.
Out	206	7' 5"	8	VCP	2'	0.1	0			At 8', pipe bends down
Sheet Number:										

SMH-207



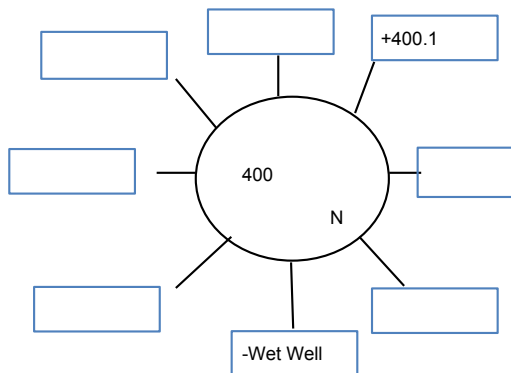
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/10/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 63										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 208 Photo #5										
Street: 8 Griffith Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 2x6</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Brick	D = Defective			Missing mortar					
STEPS	Steel	Defective								
WALLS	Brick	D = Defective			Missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	6' 10"	4	VCP	2'	0.1	0			
In	W	7' 2"	8	VCP	2'	0	0			At 2', bricked off
Out	207	7' 3"	8	VCP	2'	0.1	0			At 2', slowly bends right
Sheet Number:										



SMH-208

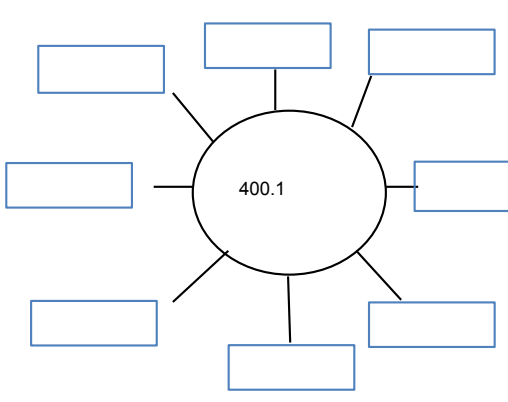


1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 17										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 400 Photo #3										
Street: Back side of Waste Water Treatment Pl City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					At		2x2			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="width: 300px; height: 100px; border: 1px solid black;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	PVC	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	400.1	3' 10"	10	PVC	2'	0.75	0			At 2', light roots.
Out	Wet We	3' 11"	10	PVC	8'	0.75	0			Pipe connection moderate roots
Sheet Number:										

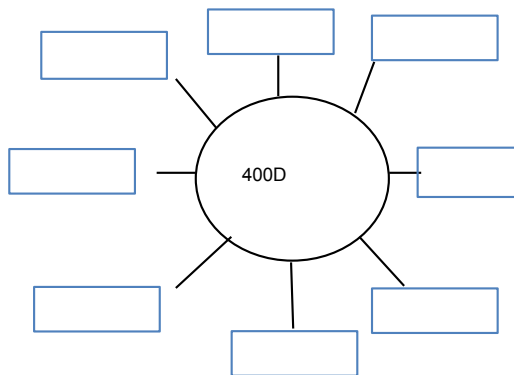


SMH-400



1. GENERAL INFORMATION													
Inspector: JH, TZ Certificate #: Date: 6/1/2016													
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny													
Inspection Status: BM = Buried and Marke Ft to Downstream MH:													
GPS Coordinates: Inspection Level: Level 1													
2. LOCATION													
MH/Access Point Number: 400.1 Photo#													
Street: Back side of Waste Water Treatment Pl City: Ridgefield, CT													
3. MANHOLE													
Access Type: AMH = Manhole													
5. COVER													
Cover Condition:													
7. MANHOLE COVER ADJUSTMENT RING													
Ring Condition:													
													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade:</td> <td style="width: 50%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>										Grade:	Drainage Area:		
Grade:	Drainage Area:												
General Comments:													
INTERNAL MANHOLE OBSERVATIONS													
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments								
FRAME													
CHIMNEY													
CONE													
STEPS													
WALLS													
BENCH													
CHANNEL													
Surcharge from Invert: None Evident Currently ft Marks to ft													
LINE CONDITIONS													
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments			
Sheet Number:													

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 400D Photo#										
Street: Behind Waste Water Treatment Plant City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

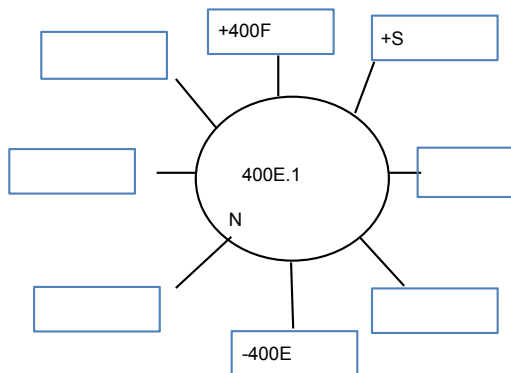


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 303										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 400E Photo #6										
Street: Easement off Old Quarry Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="width: 40%;"> <p>The diagram shows a central circle labeled '400E' with a north arrow 'N'. It is connected to several points: '+SE' (top), '+400E.1' (top right), '-400D' (bottom), and several empty boxes representing other connections.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block & brick	S = Sound								
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	6' 4"	3	PVC		0	0			
In	400E.1	7'	8	VCP	2'	0.25	0			
Out	400D	7' 1"	8	VCP	2'	0.25	0			First joint light roots
Sheet Number:										

SMH-400E



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 362										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 400E.1 Photo #10										
Street: 36 Old Quarry Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Block	S = Sound								
STEPS	Steel	Sound								
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	400F	6' 9"	8	VCP	2'	0	0			
In	S	6' 3"	6	PVC	2'	0.5	0			At 2', bends down.
Out	400E	6' 9"	8	VCP	2'	0.5	0			
Sheet Number:										



SMH-400E.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 5										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 400F Photo #11										
Street: 36 Old Quarry Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound 2" below 5x7										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	D = Defective			Missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	400F.1	6' 4"	8	VCP	4'	0	0			
Out	400E.1	6' 5"	8	VCP	2'	0	0			
Sheet Number:										

SMH-400F

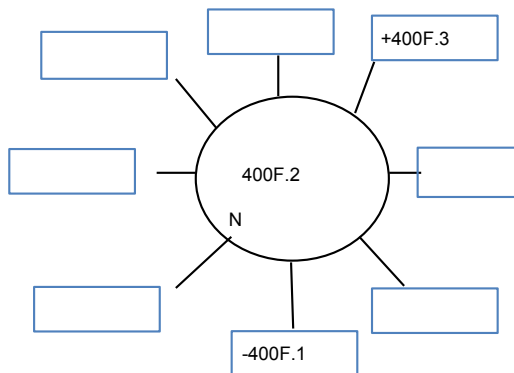


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 100										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 400F.1 Photo #15										
Street: 36 Old Quarry Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> <p>Diagram description: A central circle labeled '400F.1' with an 'N' at the bottom. Six lines radiate from the circle to empty rectangular boxes. One line goes up to a box labeled '+400F.2', one goes down to a box labeled '-400F', and four others go to empty boxes at various angles.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound			2'x4' piece of rotting plywood laying across channel.					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	400F.2	4' 8"	8	VCP	4'	0	0.5			
Out	400F	4' 9"	8	VCP	4'	0	0			
Sheet Number:										

SMH-400F.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 280										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 400F.2 Photo #14										
Street: 36 Old Quarry Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					10" below		5x8			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	400F.3	6' 2"	8	VCP	4'	0	0			
Out	400F.1	6' 3"	8	VCP	4'	0	0			
Sheet Number:										



SMH-400F.2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 158										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 400F.3 Photo #13										
Street: 36 Old Quarry Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Block	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	VCP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	400F.4	10' 11"	8	VCP	4'	0	0			
In	W	3' 1"	4	Cast Iron		0	0			Outside drop. At 10', capped off. Tuberculated
Out	400F.2	11'	8	VCP	4'	0	0			
Sheet Number:										

SMH-400F.3



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 119										
GPS Coordinates: Inspection Level: Level 2										
2. LOCATION										
MH/Access Point Number: 400F.4 Photo #12										
Street: 36 Old Quarry Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 400F.4 showing connections to +SW, -400F.3, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound			Seams missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	11' 1"	8	VCP	4'	0	0			
Out	400F.3	11' 2"	8	VCP	4'	0	0			
Sheet Number:										

SMH-400F.4

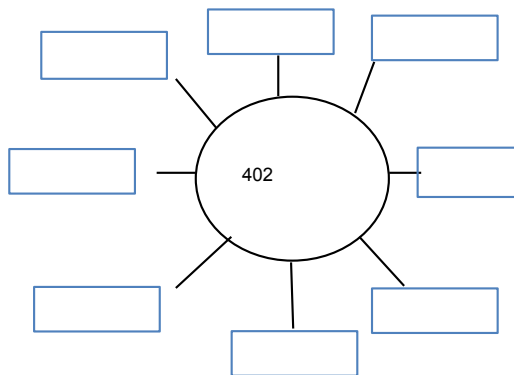


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 200										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 401 Photo #8										
Street: 15 South St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: Only surcharges to 1' when force main is on</p> </div> <div style="text-align: center;"> </div> <div> <p>Grade: Drainage Area:</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Seams missing mortar, light roots. Deteriorating caused by hydrogen sulfide.					
BENCH	Brick & Parged	D = Defective			Missing brick/mortar					
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident Currently ft Marks to 1 ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	402	10' 1"	8	ACP	13'	0.75	0			
Out	1.1	10' 2"	8	ACP	13'	0.75	0			
Sheet Number:										

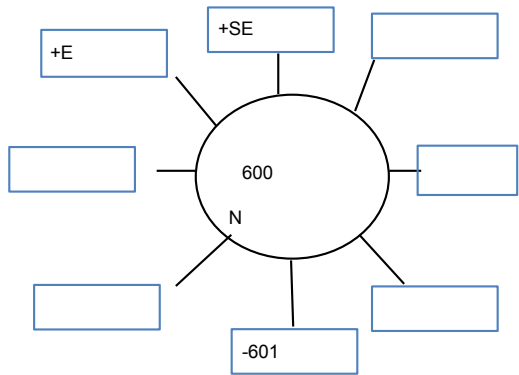
SMH-401



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 402 Photo#										
Street: South St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 124										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 600 Photo #13										
Street: 2 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>1.5" below</div> <div>3x7</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	5' 7"	6	PVC	13'	0	0			
In	SE	3' 8"	2	PVC	10'	0	0			
Out	601	10' 8"	8	PVC	13'	0	0			
Sheet Number:										



SMH-600



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 119										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 601 Photo #12										
Street: 4 North St City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> Grade: </div> <div> Drainage Area: </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	5' 6"	4	PVC		0.1				Pipe connection missing mortar. Inside drop w/ downspout, cannot lamp.
In	600	10' 2"	8	PVC	6'	0.1	0			
Out	602	10' 3"	8	PVC	3'	0.2	0			At 4', service connection 3 o'clock.
Sheet Number:										

SMH-601

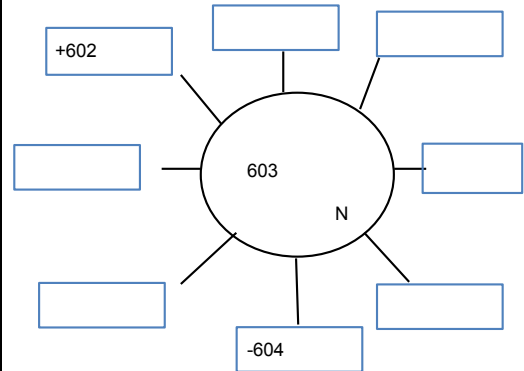


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 121										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 602 Photo #11										
Street: 12 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.75" below</div> <div>2x5</div> </div>										
<div style="position: relative; width: 100%; height: 100%;"> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	601	9' 9"	8	PVC	2' & 8'	1	0			
Out	603	9' 10"	8	PVC	8'	0.25	0			
Sheet Number: _____										

SMH-602



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 186										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 603 Photo #10										
Street: 16 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 2x7</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General Comments: 1.5" riser</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	602	11'	8	PVC	4' & 8'	0.2	0			
Out	604	11' 1"	8	PVC	5'	0.2	0			
Sheet Number:										



SMH-603

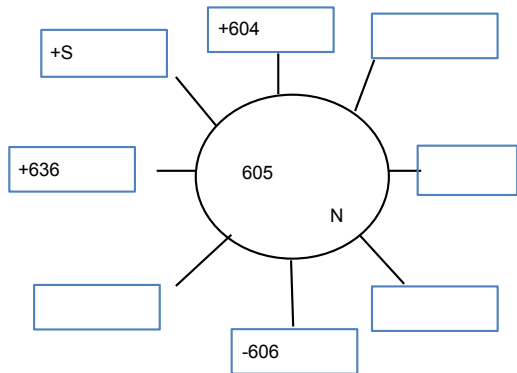


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 183										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 604 Photo #9										
Street: 18 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.75" below</div> <div>2x7</div> </div>										
<div style="position: relative; width: 100%; height: 100%;"> <p style="position: absolute; top: 10%; left: 60%;">+603</p> <p style="position: absolute; top: 20%; left: 65%;">604</p> <p style="position: absolute; top: 25%; left: 75%;">N</p> <p style="position: absolute; top: 30%; left: 65%;">-605</p> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	603	9' 7"	8	PVC	5' & 1	0.5	0			
Out	605	9' 8"	8	PVC	5'	0.5	0			
Sheet Number: _____										

SMH-604



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 174										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 605 Photo #8										
Street: 34 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x8										
<div style="display: flex; justify-content: space-between;"> <div> General Comments: </div> <div> 1.5" riser </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and cone					
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	636	10' 7"	8	PVC	4'	1	0.25			
In	S	5' 3"	8	PVC		0				instead drop w/downspout, cannot lamp
In	604	10' 7"	8	PVC	6'	0.5	0			
Out	606	10' 8"	8	PVC	13'	0.75	0			
Sheet Number:										



SMH-605

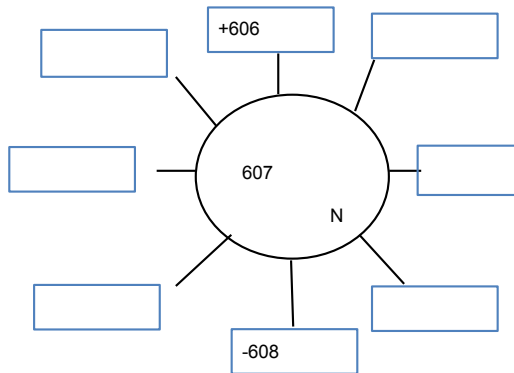


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 176										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 606 Photo #7										
Street: 42 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x6</div> </div>										
<div style="text-align: center;"> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	605	9' 8"	8	PVC	8'	1.5	0			1" sanitary solids
Out	607	9' 9"	8	PVC	8'	0.75	0			
Sheet Number: _____										

SMH-606



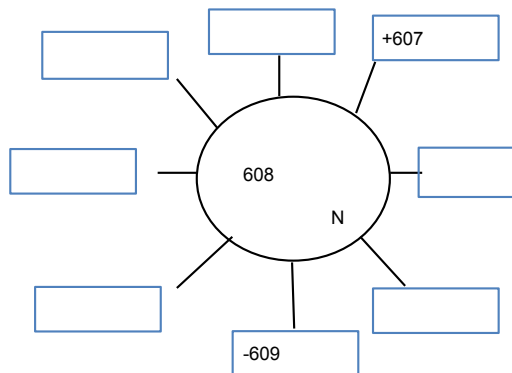
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 92										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 607 Photo #6										
Street: 48 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" below</div> <div>Drainage Area: 2x7</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	606	10'	8	PVC	6'	0.75	0			At 7', service connection 10 o'clock.
Out	608	10' 1&	8	PVC	13'	1	0			
Sheet Number:										



SMH-607



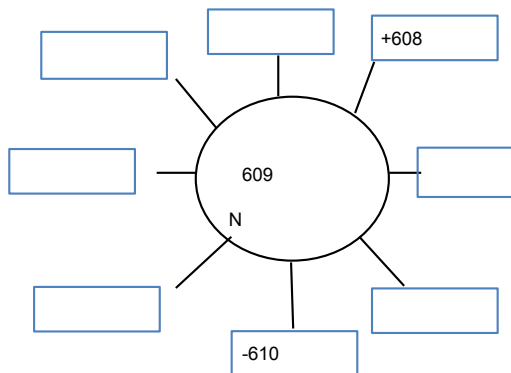
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 77										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 608 Photo #5										
Street: 52 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 2x15</div> </div>										
General Comments: 1" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	607	9' 11"	8	PVC	6' & 1	0.75	0			
Out	609	10'	8	PVC	4'	0.75	0			
Sheet Number:										



SMH-608



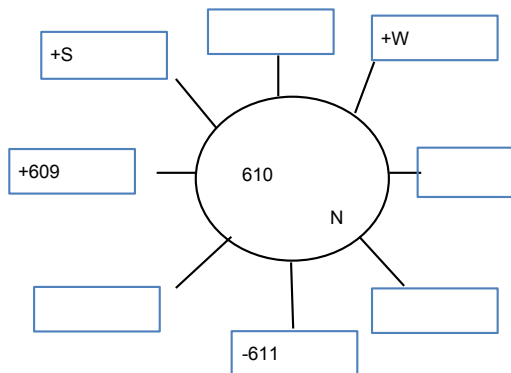
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 202										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 609 Photo #4										
Street: 56 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 3x12</div> </div>										
General Comments: 1.5" riser										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	608	10' 2"	8	PVC	6'	1	0			
Out	610	10' 3"	8	PVC	4' & 1	1	0			
Sheet Number:										



SMH-609



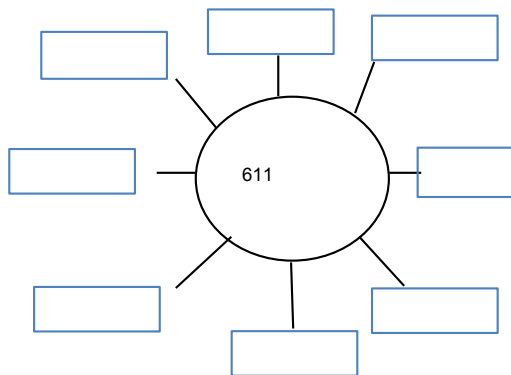
1. GENERAL INFORMATION										
Inspector: HH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 244										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 610 Photo #3										
Street: Copps Hill Rd./North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x8</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General 1" riser</div> <div></div> </div>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	609	9' 5"	8	PVC	10'	1	0			
In	S	4' 2"	2	PVC		0	0			inside drop w/downspout, cannot lamp
In	W	4' 8"	2	PVC	5'	0	0			At 5', bends 22 degrees right. Pump turned on aft
Out	611	9' 6"	8	PVC	7'	1	0			
Sheet Number: _____										



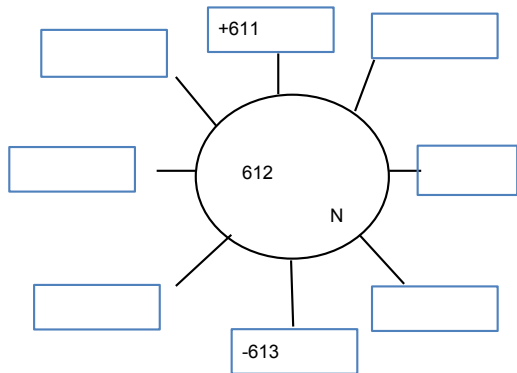
SMH-610



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: BM = Buried and Marke Ft to Downstream MH: 192										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 611 Photo#										
Street: Rochambeau Ave./Copps Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition:										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments: <u>Cannot open. Paved over, marked by green paint.</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 162										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 612 Photo #2										
Street: Copps Hill Rd. In front of cemetery. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x12</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	611	7' 9"	8	PVC	6' & 1	0.75	0			
Out	613	7' 10"	8	PVC	13'	0.75	0			
Sheet Number:										



SMH-612

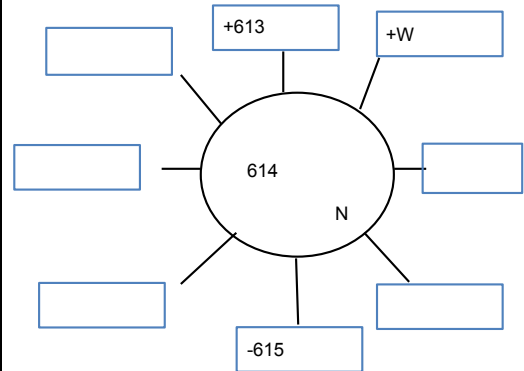


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/6/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 187										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 613 Photo #1										
Street: Lafayette Ave./Copps Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" below		2x12			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	640	7' 9"	8	PVC	8'	0.25	0			
In	612	7' 9"	8	PVC	13'	0.75	0			
Out	614	7' 10"	8	ACP	13'	1	0			
Sheet Number:										

SMH-613



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 53										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 614 Photo #21										
Street: Copps Hill Rd. Near pump station City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 2x10</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	613	7' 6"	8	Cast Iron	20'	0.5	0			
In	W	3' 7"	8	PVC		0				inside drop w/downspout
Out	615	7' 7"	8	Cast Iron	20'	0.5	0			
Sheet Number:										



SMH-614

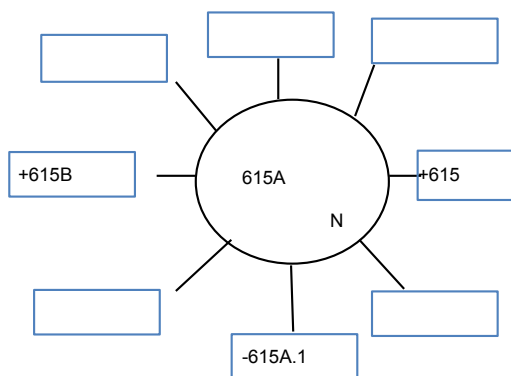


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 53										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 615 Photo #19										
Street: Copps Hill Rd. At pump station City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	614	19' 2"	8	PVC	6' & 1	0.75	0			
In	616	19' 9"	10	PVC	13'	3.5	0			
Out	615A	19' 10"	10	PVC	13'	3.5	0			
Sheet Number:										

SMH-615



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/3/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 18										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 615A Photo #1										
Street: Cops Hill Rd. Right of pump station City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Brick	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	615B	14' 4"	8	PVC	13'	1	0			Outside drop
In	615	19' 7"	10	PVC	13'	1	0			
Out	615A.1	19' 8"	10	Cast Iron	10'	2.5	0			
Sheet Number:										



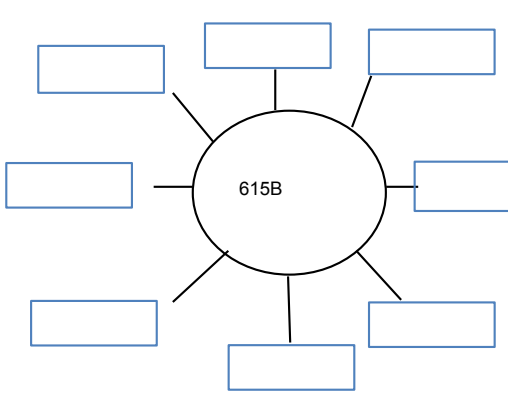
SMH-615A



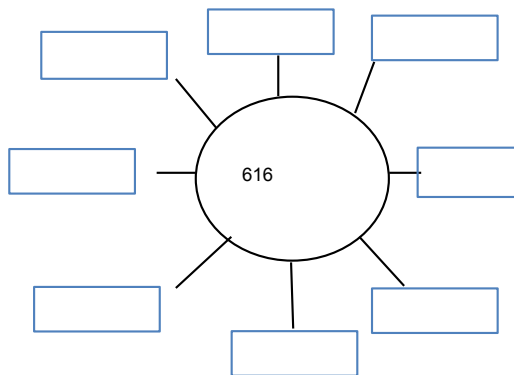
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 27										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 615A.1 Photo #20										
Street: Copps Hill Rd. Inside pump station City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>615A.1</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar					
CHIMNEY	Brick & pre cast ring	D = Defective								
CONE	N/a									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	615A	19' 8"	10	Cast Iron	10'	1.5	0			
Out	PS	19' 9"	10	PVC	4' & 1	1.5	0			
Sheet Number:										

SMH-615A.1

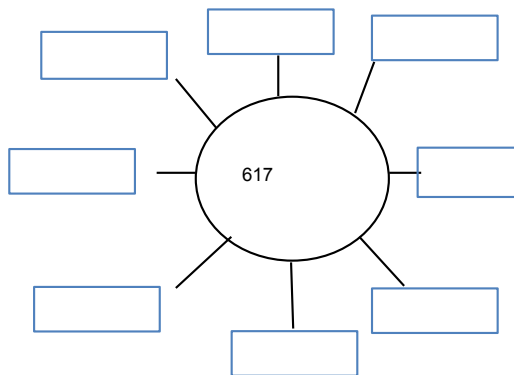


1. GENERAL INFORMATION														
Inspector: JH, TZ Certificate #: Date: 5/23/2016														
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny														
Inspection Status: NF = Not Found Ft to Downstream MH:														
GPS Coordinates: Inspection Level: Level 1														
2. LOCATION														
MH/Access Point Number: 615B Photo#														
Street: 125 Danbury Rd. Behind Stop&Shop City: Ridgefield, CT														
3. MANHOLE														
Access Type: AMH = Manhole														
5. COVER														
Cover Condition:														
7. MANHOLE COVER ADJUSTMENT RING														
Ring Condition:														
														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>											Grade:	Drainage Area:		
Grade:	Drainage Area:													
General Comments:														
INTERNAL MANHOLE OBSERVATIONS														
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments									
FRAME														
CHIMNEY														
CONE														
STEPS														
WALLS														
BENCH														
CHANNEL														
Surcharge from Invert: None Evident Currently ft Marks to ft														
LINE CONDITIONS														
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments				
Sheet Number:														

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 616 Photo#										
Street: Copps Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 617 Photo#										
Street: Copps Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 82										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 618 Photo #5										
Street: 63 Cops Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cannot locate MH 617</u></p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 5"					
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	619	22' 1"	10	PVC	6' & 1	1.25	0			
Out	617	22' 2"	10	PVC	13'	1.25	0			
Sheet Number:										

SMH-618



1. GENERAL INFORMATION										
Inspector: JH,MTZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 280										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 619 Photo #4										
Street: 143 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> </div> <div> <p>Grade:</p> <p>Drainage Area:</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	6'	4	PVC		0.1				Inside drop w/downspout. Pipe connection missing mortar.
In	620	24' 6"	10	PVC	13'	1.25	0			
Out	618	24' 7"	10	PVC	13'	1.25	0			
Sheet Number:										

SMH-619

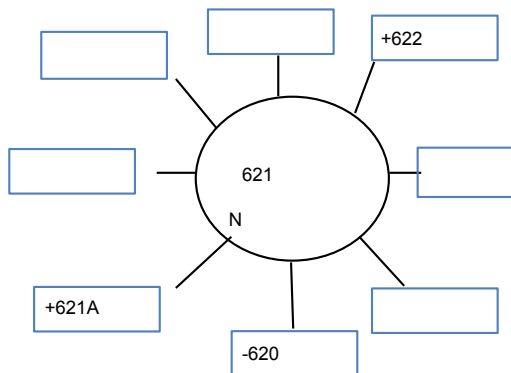


1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 222										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 620 Photo #17										
Street: Copps Hill Rd./Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	621	25' 1"	10	PVC	10'	1.5	0			
Out	619	25' 2"	10	PVC	10'	1.5	0			
Sheet Number: _____										

SMH-620



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 95										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 621 Photo #18										
Street: Farmingville Rd./Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Frame offset 3"					
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL		X = Not Known			Underwater					
Surcharge from Invert: None Evident Currently 1' ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	621A	13' 6"	8	PVC	13'	0.5	0			inside drop w/downspout, cannot lamp
In	622	14' 9"	8	PVC	13'	1	0			
Out	620	25' 1"								Cannot lamp due to 12" of sanitary solids. Needs
Sheet Number:										



SMH-621



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 66										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 621A Photo #2										
Street: Danbury Rd./Farmingville Rd. In sidewalk City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '621A' with a 'N' above it. Eight lines radiate from the circle to rectangular boxes. Clockwise from the top, the boxes are labeled: '+621B', '+E', '-621', and five empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound			Lift holes missing mortar					
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	621B	12' 11"	8	PVC	8'	0	0			Pipe connection missing mortar
In	E	12' 11"	8	PVC	1'	0	0			At 1', changes to 6" PVC 10'. Pipe connection missing mortar.
Out	621	13'	8	PVC	6'	0	0			Pipe connection missing mortar
Sheet Number:										

SMH-621A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 277										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 621B Photo #1										
Street: 150 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x20										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Missing mortar, rebar showing. Lift holes missing mortar.					
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	621C	5' 10"	8	PVC	8'	0	0			
In	NE	5' 11"	6	PVC	13'	0	0			
Out	621A	6'	8	PVC	10'	0	0			
Sheet Number:										

SMH-621B



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 144										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 621C Photo #3										
Street: 158 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	PVC	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	3' 3"	2	PVC		0	0			22 degree elbow, cannot lamp
In	621D	3' 8"	8	PVC	10'	0	0			
Out	621B	3' 9"	8	PVC	10'	0	0			
Sheet Number:										

SMH-621C



2016 RIDGEFIELD MANHOLE INSPECTION REPORT

Prepared for:

AECOM
250 Apollo Drive
Chelmsford, MA 01824

Prepared by:

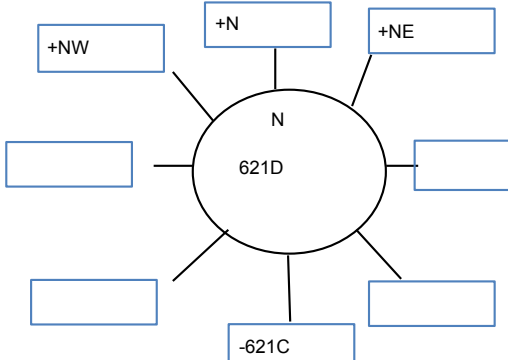
EST Associates, Inc.
51 Fremont Street
Needham, MA 02494

Book 6
Manhole ID: 621D-665E

**2016 Manhole Inspections
Ridgefield, CT
Book 6
Manhole ID: 621D-665E**

Manhole ID	Photo ID	Address
621D	4	162 Danbury Rd.
621E		Danbury Rd/Farmingville Rd.
622	7	130 Danbury Rd.
623	5	108 Danbury Rd.
624	4	100 Danbury Rd.
625	6	100 Danbury Rd.
626	3	92 Danbury Rd.
627	2	92 Danbury Rd.
628	1	98 Danbury Rd.
628.1	20	98 Danbury Rd.
628.2	19	96 Danbury Rd.
629	21	90 Danbury Rd.
629A	22	90 Danbury Rd.
629A.1	24	90 Danbury Rd.
629A.2	25	90 Danbury Rd. Back left of building
629B	23	94 Danbury Rd.
630	15	10 Roberts Ln.
631	16	16 Roberts Ln
632	17	24 Roberts Ln.
633	18	26 Roberts Ln.
634	12	32 North St.
636	14	24 North St.
637	8	18 Rochambeau Ave.
638	7	8 Rochambeau Ave.
639	6	2 Rochambeau Ave.
640	11	5 Lafayette Ave.
641	10	12 Lafayette Ave.
642	9	18 Lafayette Ave.
643	23	24 Rochambeau Ave.
644	22	30 Rochambeau Ave.
645		Mountain View Ave.
646	14	27 Mountain View Ave.

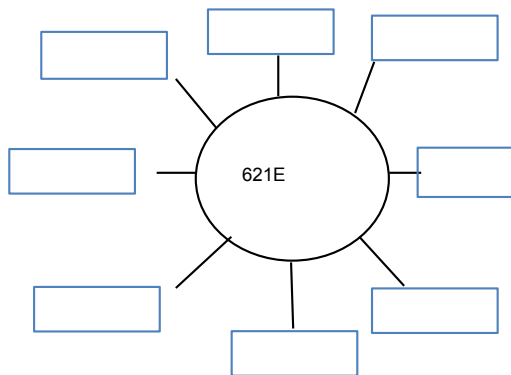
647	15	11 Mountain View Ave.
648	16	2 Mountain View Ave.
649	21	8 Washington St.
650	24	19 Lafayette Ave.
650	12	55 Danbury Rd.
651		125 Danbury Rd.
651A	17	125 Danbury Rd. Behind Kohls
652	11	30 Island Hill Rd.
653	10	24 Island Hill Rd.
654	12	3 Hillsdale Ave.
654.1	13	3 Hillsdale Ave.
655	9	12 Island Hill Rd.
656	8	6 Island Hill Rd.
657	5	4 Island Hill Rd.
658	6	6 Island Hill Rd.
659	10	52 Danbury Rd.
661	11	Island Hill Ave./Danbury Rd.
662		65 Danbury Rd.
663		South St.
664	1	15 South St.
665	2	10 South St.
665A	20	10 South St.
665B	18	10 South St.
665B.1	19	10 South St.
665C		10 South St.
665D	17	52 Danbury Rd.
665E	16	52 Danbury Rd.
--	--	12 Mulvaney/High Ridge Ave

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 43										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 621D Photo #4										
Street: 162 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
General Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound			Seams missing mortar, moderate roots					
BENCH	Poured in place	S = Sound			Light roots					
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	1' 9"	2	PVC		0	0			45 degree elbow, cannot lamp. Pipe connection missing mortar.
In	N	2' 6"	3	PVC	2'	0	0			At 2', bends 45 degrees left. Pipe connection missing mortar.
In	NE	1' 10"	2	PVC		0	0			45 degree elbow, cannot lamp. Pipe connection missing mortar.
Out	621C	2' 8"	8	PVC	8'	0	0			
Sheet Number:										

SMH-621D



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 621E Photo#										
Street: Danbury Rd/Farmingville Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 217										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 622 Photo #7										
Street: 130 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 3x5										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	623	12' 9"	8	PVC	6' & 8'	1	0			At 15', service connection 9 o'clock
Out	621	12' 10"	8	PVC	2' & 1'	1	0			
Sheet Number:										

SMH-622

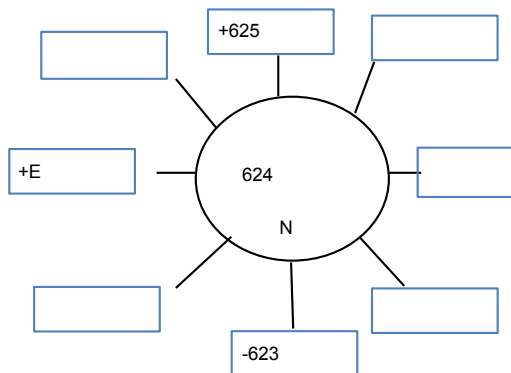


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: SI = Surface Inspection Ft to Downstream MH: 184										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 623 Photo #5										
Street: 108 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x10										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>The diagram shows a central circle labeled '623' with an 'N' below it. Eight lines radiate from the circle to eight rectangular boxes. Clockwise from the top-left, the boxes are labeled: '+SE', '+624', an empty box, an empty box, '-622', an empty box, an empty box, and an empty box.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick & Parged	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	4' 7"	6	PVC	2'	0	0			At 4', pipe bends left. At 5', changes to 4" PVC. Outside drop
In	624	11' 11"	8	Cast Iron		2	0.5			
Out	622	12'	8	PVC	13'	2	0.5			
Sheet Number:										

SMH-623



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 55										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 624 Photo #4										
Street: 100 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1.5" below		25x10			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	10' 4"	8	PVC	13'	1	0			Pipe connection missing mortar
In	625	10' 5"	8	Cast Iron		1.5"	0.5			Moderate grease throughout pipe
Out	623	10' 6"	8	Cast Iron		1.5"	0.75			Moderate grease throughout pipe
Sheet Number:										

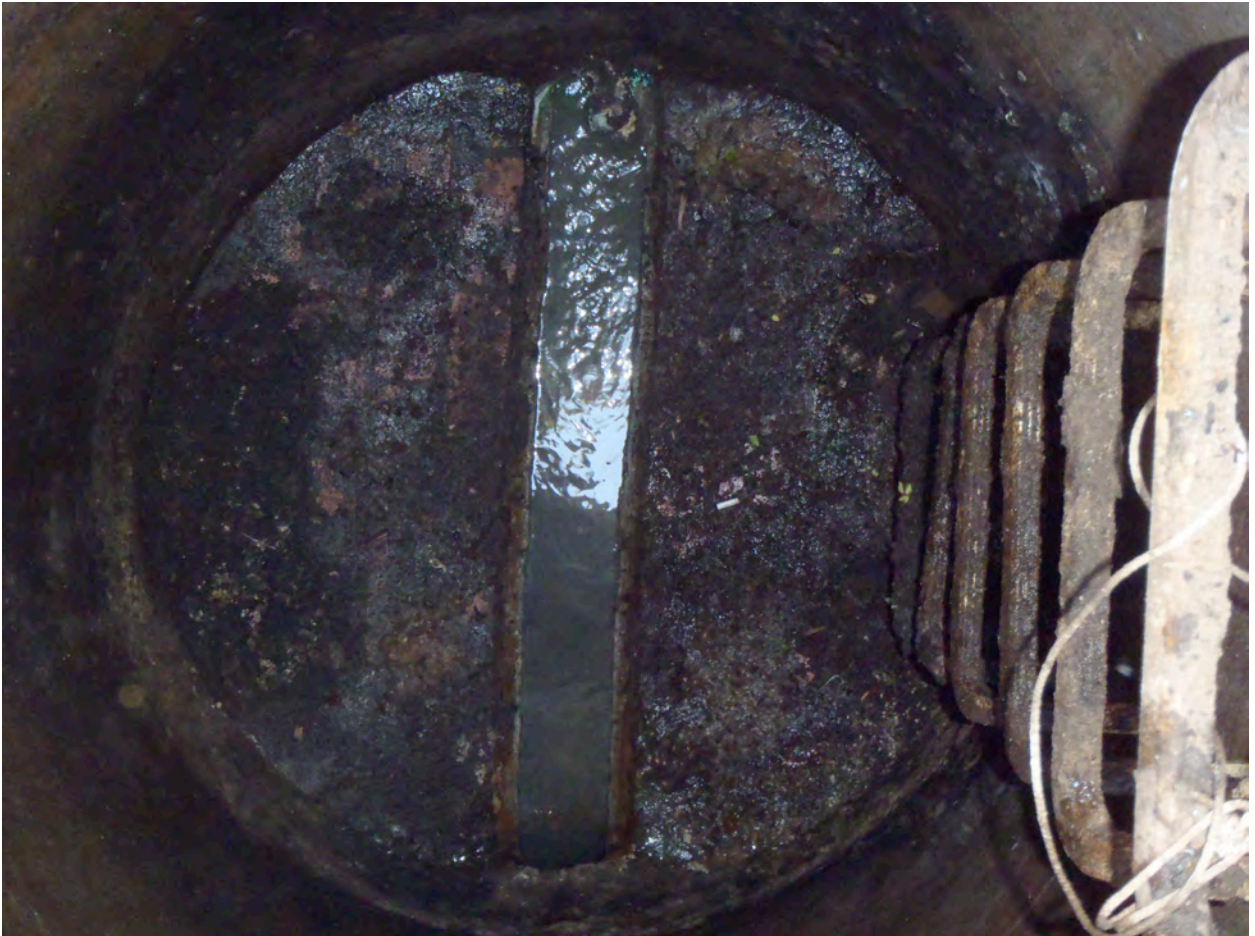


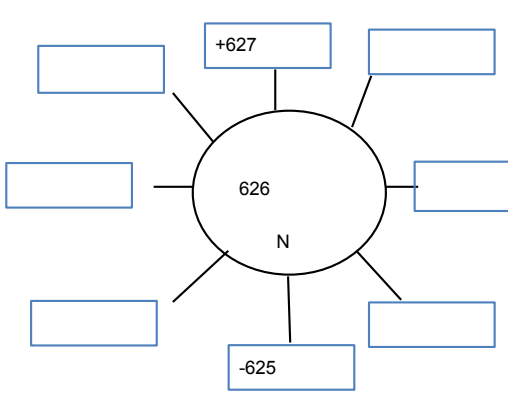
SMH-624



1. GENERAL INFORMATION										
Inspector: JH,MTZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 96										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 625 Photo #6										
Street: 100 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1.5" below		8x10			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Diagram of Manhole 625 showing connections to adjacent manholes: +626, -624, and several empty boxes.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	626	9' 7"	8	PVC	8'	1.25	0			Light grease throughout pipe
Out	624	9' 8"	8	Cast Iron		1.25	0.25			Light grease throughout pipe
Sheet Number:										

SMH-625



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 136										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 626 Photo #3										
Street: 92 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.25" above</div> <div>2x2</div> </div>										
<div style="text-align: center;">  </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	627	9' 4"	8	PVC	13'	0.75	0			
Out	625	9' 5"	8	PVC	13'	0.75	0			
Sheet Number: _____										

SMH-626

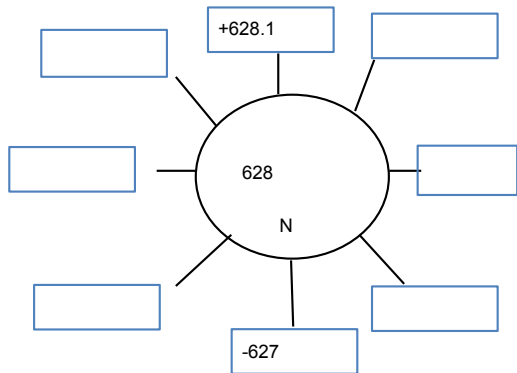


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 137										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 627 Photo #2										
Street: 92 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.25" above</div> <div>2x2</div> </div>										
<div style="position: relative; width: 100%; height: 100%;"> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	628	10' 2"	8	PVC	6' & 1	0.75	0			
Out	626	10' 3"	8	PVC	13'	0.75	0			
Sheet Number: _____										

SMH-627



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 104										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 628 Photo #1										
Street: 98 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	628.1	10' 6"	8	PVC	13'	1	0			
Out	627	10' 7"	8	PVC	13'	0.75	0			
Sheet Number: _____										



SMH-628



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Clody										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 168										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 628.1 Photo #20										
Street: 98 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.75" below		4x5			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General _____</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Seams missing mortar					
BENCH	Poured in place	S = Sound								
CHANNEL	PVC & poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	628.2	10' 1"	6	PVC	10'	3	0			Pipe connection missing mortar. 5" sanitary solids
In	629	10' 6"	8	PVC	6'	0.75	0			
Out	628	10' 7"	8	PVC	13'	1	0			
Sheet Number:										

SMH-628.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 303										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 628.2 Photo #19										
Street: 96 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					At		2x3			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged & pre cast ring	D = Defective			Parging starting to peel off					
CONE	N/a									
STEPS	N/a									
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	4' 6"	4	PVC	13'	0	0			
In	E	4' 8"	6	PVC	10'	0.75	0			
Out	628.1	4' 9"	6	PVC	10'	0.25	0			
Sheet Number:										

SMH-628.2



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 17										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 629 Photo #21										
Street: 90 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>Grade:</p> <p>Drainage Area:</p> </div> <div style="text-align: center;"> </div> </div>										
<p>General _____</p> <p>Comments: _____</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick & block	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	Brick	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	629A	9' 9"	8	PVC	6'	0.75	0			
Out	628.1	10' 4"	8	PVC	13'	0.75	0			
Sheet Number:										

SMH-629



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 196										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 629A Photo #22										
Street: 90 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound			Missing mortar between frame and chimney.					
CONE	N/a									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	629B	5'	8	PVC	8'	0.25	0			
In	629A.1	5' 1"	8	PVC	3' & 1	1	0.25			
In	SW	5' 1"	4	Cast Iron		0.25	0			At 6", takes 90 degree right turn
Out	629	5' 3"	8	PVC	10'	0.5	0			
Sheet Number:										

SMH-629A



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 142										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 629A.1 Photo #24										
Street: 90 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	N/a									
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	PVC & poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	629A.2	4' 3"	8	PVC	6'	1	0			At 4 o'clock and 8 o'clock, light grease throughout
In	W	3' 10"	6	PVC	5' & 1'	0	0			At 18', pipe bends left.
Out	629A	4' 4"	8	PVC	2' & 10'	1	0			
Sheet Number:										

SMH-629A.1



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 138										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 629A.2 Photo #25										
Street: 90 Danbury Rd. Back left of building City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					1" above		2x2			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	N/a									
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	4' 11"	6	PVC						Cemented off
In	S	4' 11"	8	PVC	13'	0.25	0			
In	W	4' 11"	6	PVC	13'	0.25	0			
Out	629A.1	5'	8	PVC	13'	0.5	0			
Sheet Number:										

SMH-629A.2

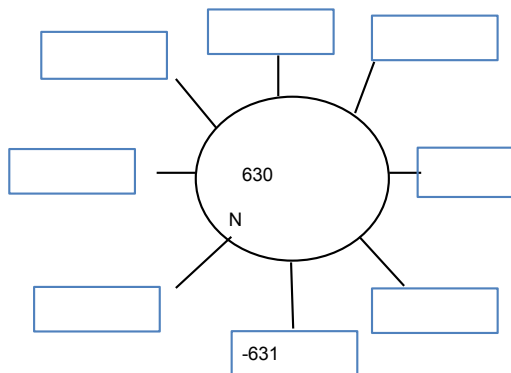


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 209										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 629B Photo #23										
Street: 94 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>Grade:</p> <p>Drainage Area:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 629B: A central circle labeled '629B' with 'N' at the bottom. Eight lines radiate from the circle to rectangular boxes. Clockwise from top-left: '+E', empty box, empty box, empty box, '-629A', empty box, empty box, empty box.</p> </div> </div>										
<p>General _____</p> <p>Comments: _____</p>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast ring	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
<p>Surcharge from Invert: None Evident None Currently ft Marks to ft</p>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	3' 4"	6	PVC	10'	0.2	0			
Out	629A	3' 5"	8	PVC	7'	0.2	0			
Sheet Number:										

SMH-629B



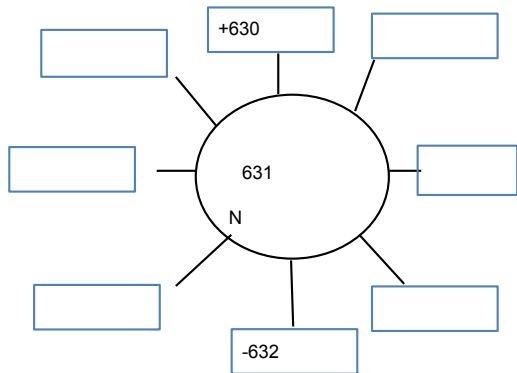
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 84										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 630 Photo #15										
Street: 10 Roberts Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div> <div style="display: flex; justify-content: space-between;"> 0.25" above 2x2 </div>										
General Comments: <u>Cracked pavement surrounding manhole</u> 										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	D = Defective			Missing mortar. Light mineral deposits					
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	631	8' 4"	8	PVC	4'	0.5	0.75			At 9', service connection 10 o'clock
Sheet Number:										



SMH-630



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 198										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 631 Photo #16										
Street: 16 Roberts Ln City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 5x15										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked/missing pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	630	7' 6"	8	PVC	6'	1	0.25			At 13', service connection 10 o'clock
Out	632	7' 7"	8	PVC	6'	1	0			
Sheet Number:										



SMH-631

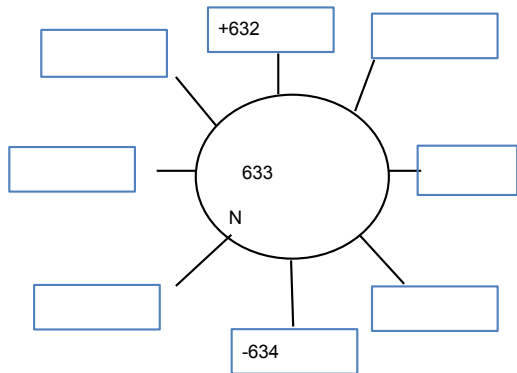


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 108										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 632 Photo #17										
Street: 24 Roberts Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.5" above</div> <div>2x2</div> </div>										
<div style="text-align: center;"> <p>Diagram of Manhole 632: A central circle labeled '632' with an 'N' below it. Eight lines radiate from the circle to eight rectangular boxes. The top box is labeled '+631', the bottom box is labeled '-633', and the other six boxes are empty.</p> </div>										
General _____ Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	631	9' 8"	8	PVC	8'	0.75	0			
Out	633	9' 9"	8	PVC	13'	0.75	0			
Sheet Number: _____										

SMH-632



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 230										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 633 Photo #18										
Street: 26 Roberts Ln. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 2" below</div> <div>Drainage Area: 4x20</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	632	8' 4"	8	PVC	8'	0.5	0			
Out	634	8' 5"	8	PVC	3'	0.5	0			At 4', service connection 10 o'clock
Sheet Number:										



SMH-633

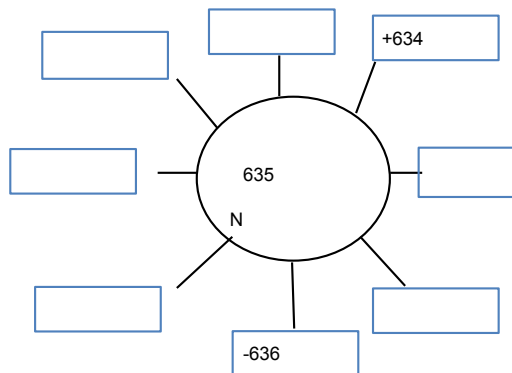


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 103										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 634 Photo #12										
Street: 32 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 10x100										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> <p>Diagram of manhole 634. A central circle is labeled '634' with an 'N' below it. Eight lines radiate from the circle to eight rectangular boxes. The top box is labeled '+633', the bottom box is labeled '-635', and the other six boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	633	9' 3"	8	PVC	8'	0.75	0			
Out	635	9' 4"	8	PVC	8'	0.75	0			At 9', service connection 12 o'clock. At 20', service
Sheet Number:										

SMH-634



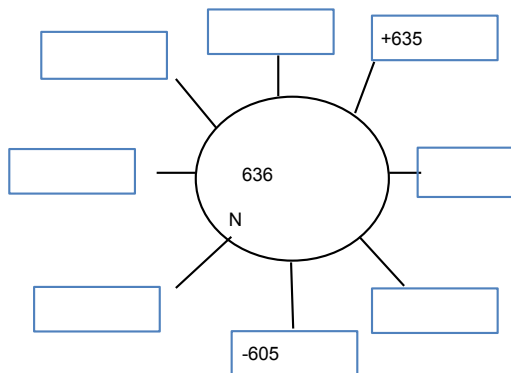
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 68										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 635 Photo #13										
Street: 26 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 4x12</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar, crumbling brick.					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	634	7' 9"	8	PVC	10'	0.75	0			
Out	636	7' 10"	8	PVC	6'	0.75	0			
Sheet Number: _____										



SMH-635



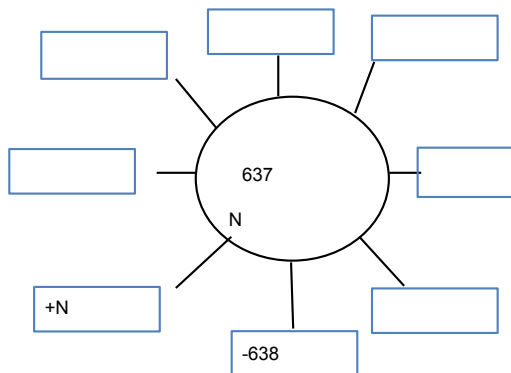
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 164										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 636 Photo #14										
Street: 24 North St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: 1" above Drainage Area: 2x2 </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective		<.1	Missing mortar. Dripping					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	635	7' 7"	8	PVC	8'	1.25	0			
Out	605	7' 8"	8	PVC	3'	1	0			
Sheet Number:										



SMH-636



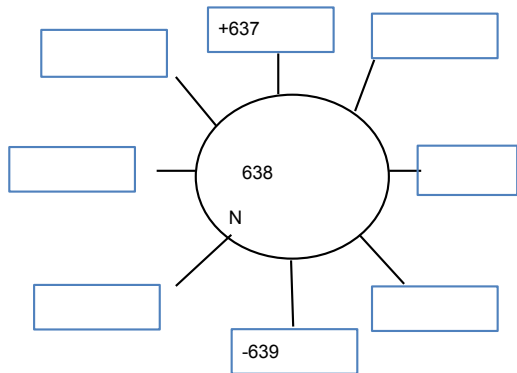
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 271										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 637 Photo #8										
Street: 18 Rochambeau Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" above		2x2			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cracked pavement surrounding manhole</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	N	5' 9"								1" plastic flushing valve, pipe connection missing
Out	638	9' 8"	8	PVC	2'	0	1			At 3', service connection 9 o'clock
Sheet Number:										



SMH-637



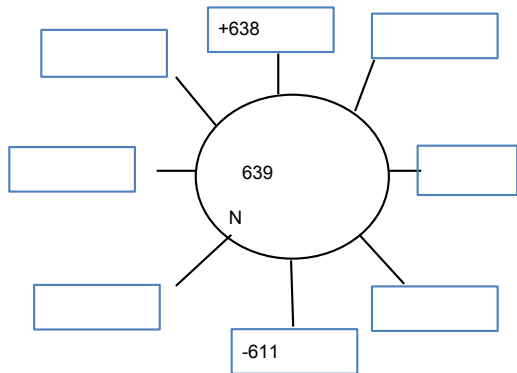
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 273										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 638 Photo #7										
Street: 8 Rochambeau Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" above</div> <div>Drainage Area: 2x2</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	637	10' 6"	8	PVC	4' & 1	1	0.25			
Out	639	10' 7"	8	PVC	7'	1"	0.25			At 8', service connection 9 o'clock
Sheet Number: _____										



SMH-638



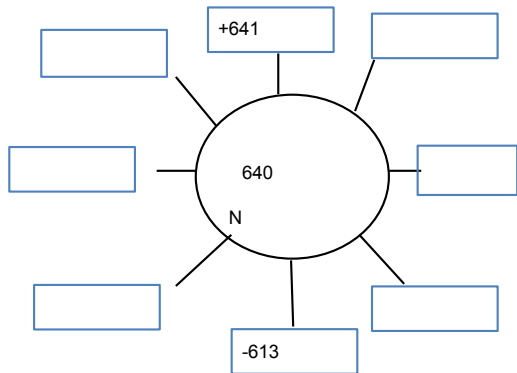
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Rain										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 61										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 639 Photo #6										
Street: 2 Rochambeau Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.25" above</div> <div>2x2</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div>Manhole 611 paved over</div> </div>										
Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	638	8' 10"	8	PVC	10'	0.25	0			1" sanitary solids up to 6'
Out	611	8' 11"	8	PVC	2'	0.25	0			At 3', service connection 12 o'clock
Sheet Number:										



SMH-639



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 198										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 640 Photo #11										
Street: 5 Lafayette Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 4x4</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	641	7' 11"	8	PVC	6'	0.1	0			
Out	613	8'	8	PVC	13'	0.1	0			
Sheet Number: _____										



SMH-640

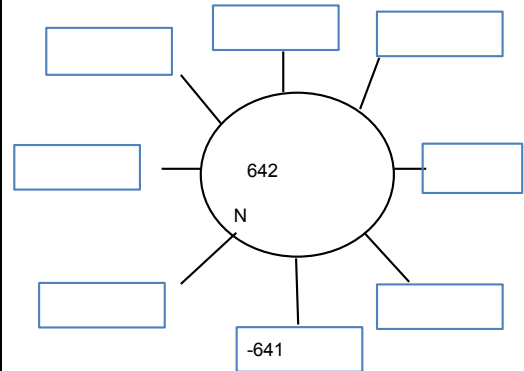


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 183										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 641 Photo #10										
Street: 12 Lafayette Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Broken										
7. MANHOLE COVER ADJUSTMENT RING										
Grade: Drainage Area:										
Ring Condition: Sound At 4x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> <p>Diagram: A central circle labeled '641' with an 'N' at the bottom. Lines radiate from the circle to eight rectangular boxes. The top box is labeled '+642', the bottom box is labeled '-640'. The other six boxes are empty.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	642	7' 6"	8	PVC	6'	0.2	0			
Out	640	7' 7"	8	PVC	10'	0.2	0			At 11', service connection 10 o'clock
Sheet Number:										

SMH-641



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/24/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Cloudy										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 194										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 642 Photo #9										
Street: 18 Lafayette Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: 2" below Drainage Area: 4x8 </div>										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin-top: 20px;"></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	641	6' 8"	8	PVC	3' & 1	0	0			At 11' service connection 10 o'clock
Sheet Number:										



SMH-642

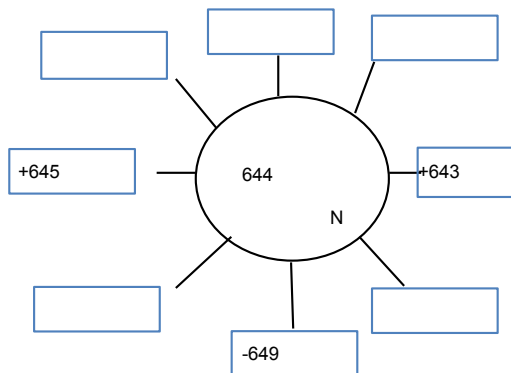


1. GENERAL INFORMATION																			
Inspector: JH, TZ Certificate #: Date: 5/23/2016																			
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny																			
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 77																			
GPS Coordinates: Inspection Level: Level 1																			
2. LOCATION																			
MH/Access Point Number: 643 Photo #23																			
Street: 24 Rochambeau Ave. City: Ridgefield, CT																			
3. MANHOLE																			
Access Type: AMH = Manhole																			
5. COVER																			
Cover Condition: Sound																			
7. MANHOLE COVER ADJUSTMENT RING										Grade:					Drainage Area:				
Ring Condition: Sound										4" below					3x8				
General Comments: _____																			
INTERNAL MANHOLE OBSERVATIONS																			
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments														
FRAME	Cast iron	Sound																	
CHIMNEY	Brick & pre cast ring	D = Defective			Missing/loose mortar														
CONE	N/a																		
STEPS	N/a																		
WALLS	Pre cast	S = Sound																	
BENCH	Brick	S = Sound																	
CHANNEL	Brick	S = Sound																	
Surcharge from Invert: None Evident None Currently ft Marks to ft																			
LINE CONDITIONS																			
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments									
Out	644	4' 8"	8	PVC	6'	0	0			At 7', service connection 3 o'clock									
Sheet Number:																			

SMH-643



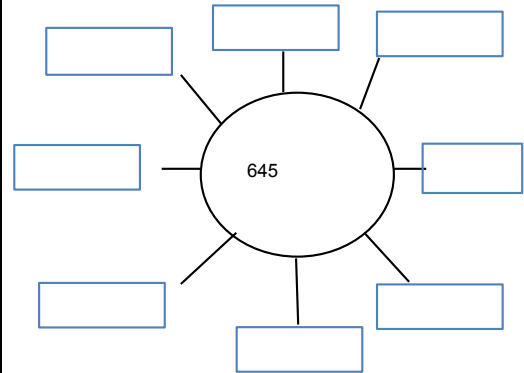
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 186										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 644 Photo #22										
Street: 30 Rochambeau Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					4" below		8x100			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast	S = Sound								
CONE	N/a									
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	645	4' 1"	8	PVC	10'	0.5	0			Outside drop
In	643	10' 1"	8	PVC	8'	0.2	0			At 9', service connection 9 o'clock
Out	649	10' 2"	8	PVC	8'	0.5	0			
Sheet Number:										



SMH-644



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 645 Photo#										
Street: Mountain View Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										

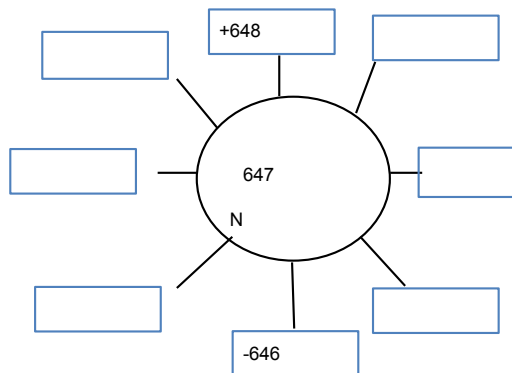


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 202										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 646 Photo #14										
Street: 27 Mountain View Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.25 Above		2x4			
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>General Footage taken to manhole 644. Manhole 645 not found</p> <p>Comments: _____</p> </div> <div style="width: 35%; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	647	9' 3"	8	PVC	4' & 1	0.25	0			At 5', service connection 3 o'clock
Out	645	9' 4"	8	PVC	13'	0.25	0			At 8', pipe has slow bend to right
Sheet Number:										

SMH-646



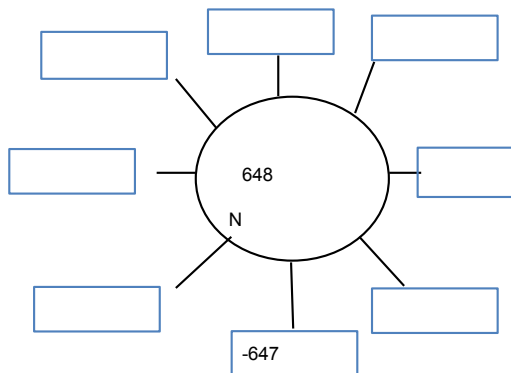
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 256										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 647 Photo #15										
Street: 11 Mountain View Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken										
<div style="display: flex; justify-content: space-between;"> Grade: 0.25" above Drainage Area: 2x2 </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	648	8' 5"	8	PVC	13'	0.25	0			
Out	646	8' 6"	8	PVC	4' & 1	0.25	0			
Sheet Number: _____										



SMH-647



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 283										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 648 Photo #16										
Street: 2 Mountain View Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.5" below</div> <div>Drainage Area: 4x8</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Loose mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	647	8' 7"	8	PVC	10'	0	0			At 11', service connection 3 o'clock
Sheet Number:										

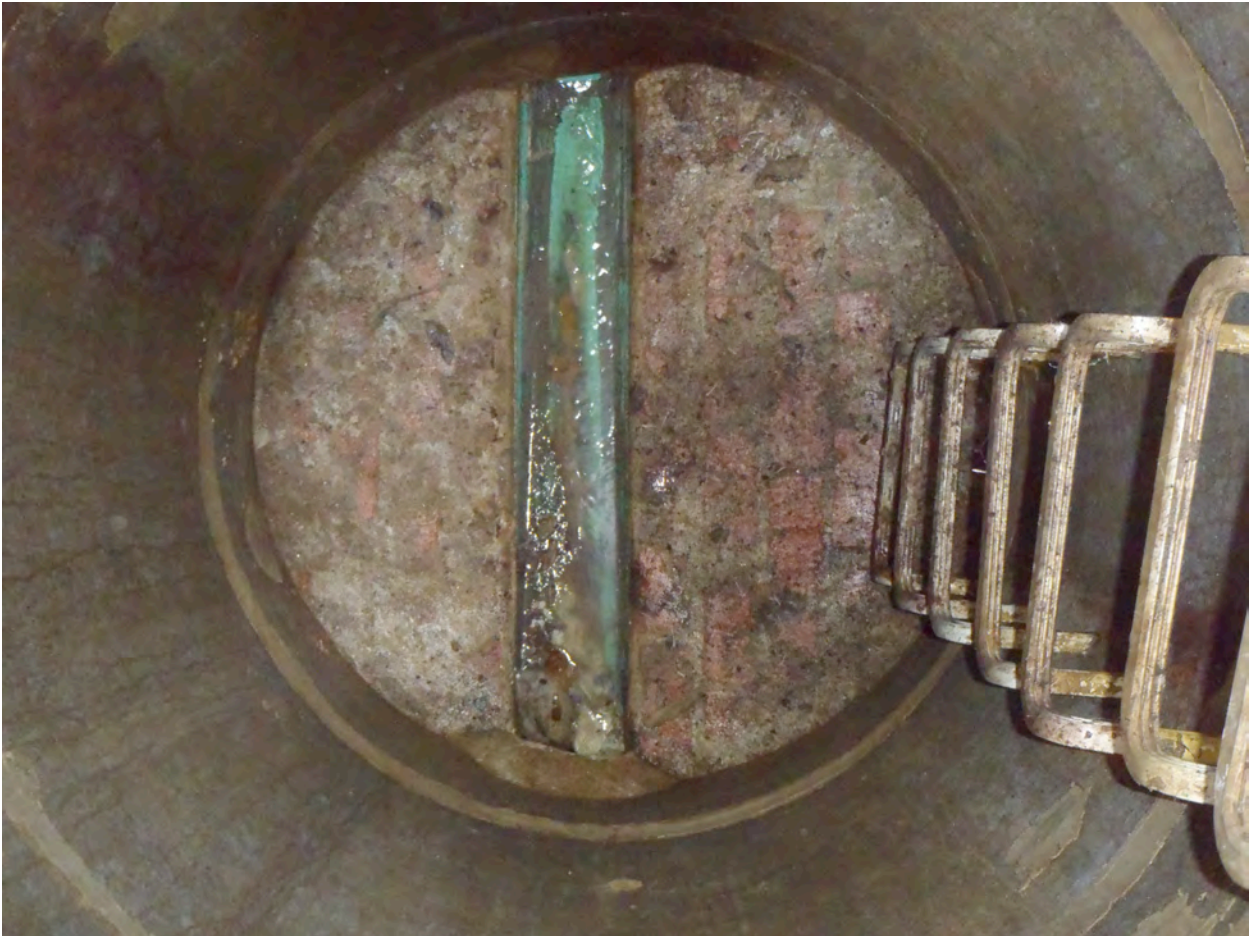


SMH-648



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 220										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 649 Photo #21										
Street: 8 Washington St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x2										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Parged	S = Sound								
CHANNEL	PVC									
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	644	12' 2"	8	PVC	10'	0.25	0			
Out	650	12' 3"	8	PVC	4' & 1	0.25	0			
Sheet Number:										

SMH-649



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 198										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 650 Photo #24										
Street: 19 Lafayette Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3" below		6x12			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	652	10' 8"	8	PVC	5' & 1	1	0			
In	649	10' 8"	8	PVC	13'	0.25	0			
Out	651	10' 9"	8	PVC	13'	1	0			
Sheet Number:										

SMH-650



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 135										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 650 Photo #12										
Street: 55 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Grade: Drainage Area:										
Ring Condition: Sound At 2x6										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	X = Not Known			4" of dirt in channel					
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	661	8' 3"	8	PVC	2'n & 1	0	0.75			At 3', service connection 10 o'clock
Sheet Number:										

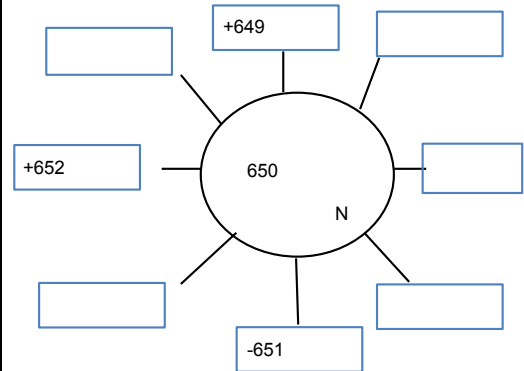


SMH-650 55 Danbury Rd.



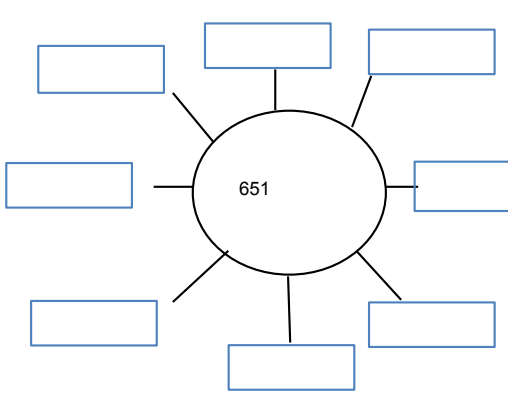
51 Fremont Street, Needham, MA 02494 – 781-455-0003

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 198										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 650 Photo #24										
Street: 19 Lafayette Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					3" below		6x12			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	652	10' 8"	8	PVC	5' & 1	1	0			
In	649	10' 8"	8	PVC	13'	0.25	0			
Out	651	10' 9"	8	PVC	13'	1	0			
Sheet Number:										



SMH-650



1. GENERAL INFORMATION												
Inspector: JH, TZ Certificate #: Date: 5/23/2016												
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunn												
Inspection Status: NF = Not Found Ft to Downstream MH:												
GPS Coordinates: Inspection Level: Level 1												
2. LOCATION												
MH/Access Point Number: 651 Photo#												
Street: 125 Danbury Rd. City: Ridgefield, CT												
3. MANHOLE												
Access Type: AMH = Manhole												
5. COVER												
Cover Condition:												
7. MANHOLE COVER ADJUSTMENT RING												
Ring Condition:												
												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade: </td> <td style="width: 50%;">Drainage Area: </td> </tr> </table>											Grade:	Drainage Area:
Grade:	Drainage Area:											
General Comments:												
INTERNAL MANHOLE OBSERVATIONS												
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments							
FRAME												
CHIMNEY												
CONE												
STEPS												
WALLS												
BENCH												
CHANNEL												
Surcharge from Invert: None Evident Currently ft Marks to ft												
LINE CONDITIONS												
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments		
Sheet Number:												

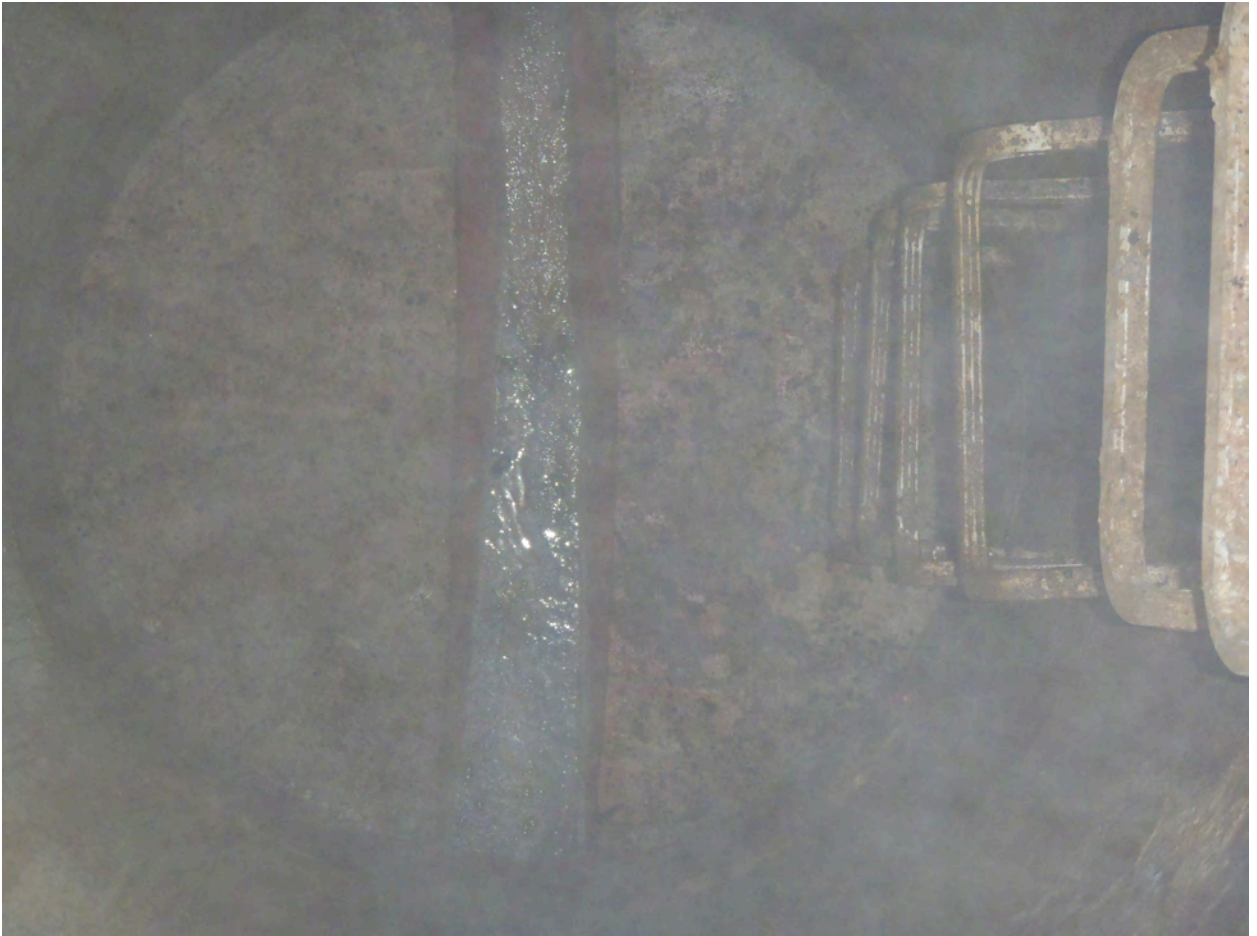
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/23/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 104										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 651A Photo #17										
Street: 125 Danbury Rd. Behind Kohls City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> <p>Diagram of Manhole 651A showing connections to +S, +651, -PL1003A, and other points.</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	D = Defective			Missing mortar. Two vertical cracks					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL		X = Not Known								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	S	4' 10"	6	Cast Iron		0.2				inside drop w/downspout, cannot lamp
In	651	13' 3"	8	PVC		7	0.5			
Out	PL1003	13' 4"	8	PVC		7	0.5			
Sheet Number:										

SMH-651A



1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 81										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 652 Photo #11										
Street: 30 Island Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					0.5" below		4x25			
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	653	11' 6"	8	PVC	8'	0.25	0			
Out	650	11' 7"	8	PVC	8'	0.25	0			
Sheet Number:										

SMH-652



1. GENERAL INFORMATION										
Inspector: JH,TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 175										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 653 Photo #10										
Street: 24 Island Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade:</div> <div>Drainage Area:</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>0.75" above</div> <div>2x2</div> </div>										
<div style="display: flex;"> <div style="flex: 1;"> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="flex: 1; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	X = Not Known								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick & Parged	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	655	11' 5"	8	PVC	2' & 1	0.25	0			At 2', service connection 10 o'clock
In	654	11' 5"	8	PVC	3' & 8'	0	0			
Out	652	11' 6"	8	PVC	13'	0.25	0			
Sheet Number:										

SMH-653

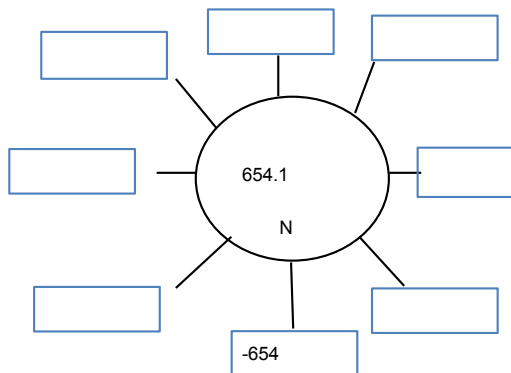


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 274										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 654 Photo #12										
Street: 3 Hillside Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken At 4x8										
<div style="display: flex; justify-content: space-between;"> <div> <p>General Comments: <u>Cracked pavement surrounding manhole</u></p> </div> <div style="text-align: center;"> </div> <div> <p>Grade: Drainage Area:</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SE	5' 3"				0	0			1" stainless steel flushing valve
In	654.1	6' 9"	3	Cast Iron	5'	0	0			Draining water from force main manhole
Out	653	10' 6"	8	PVC	2'	0	0			At 3', service connection 9 o'clock
Sheet Number:										

SMH-654



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 7'										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 654.1 Photo #13										
Street: 3 Hillside Ave. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div> <div style="display: flex; justify-content: space-between;"> 0.5" above 2x2 </div>										
General Comments: 6" Force main comes from middle school pump station. Pipe is enclosed an 5' 8" from top. Force main pipe connection missing mortar.										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Pre cast	S = Sound								
CONE	N/a									
STEPS	Vinyl coated	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Pre cast	S = Sound			1" standing water					
CHANNEL	N/a									
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Out	654	6' 9"	3	Cast Iron	5'	0	0			
Sheet Number:										



SMH-654.1

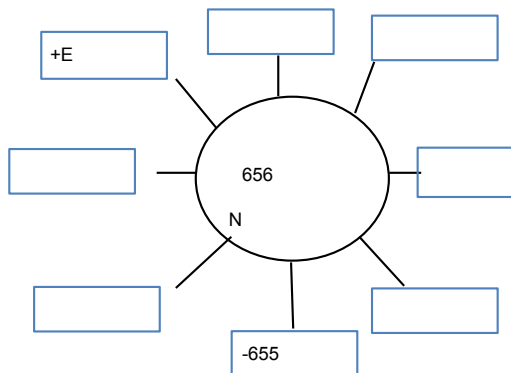


1. GENERAL INFORMATION													
Inspector: JH, TZ Certificate #: Date: 5/25/2016													
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny													
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 184													
GPS Coordinates: Inspection Level: Level 1													
2. LOCATION													
MH/Access Point Number: 655 Photo #9													
Street: 12 Island Hill Rd. City: Ridgefield, CT													
3. MANHOLE													
Access Type: AMH = Manhole													
5. COVER													
Cover Condition: Sound													
7. MANHOLE COVER ADJUSTMENT RING													
Ring Condition: Cracked													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Grade:</td> <td style="width: 20%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>										Grade:	Drainage Area:		
Grade:	Drainage Area:												
General Comments: <u>Cracked pavement surrounding manhole</u>													
INTERNAL MANHOLE OBSERVATIONS													
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments								
FRAME	Cast iron	Cracked											
CHIMNEY	Brick	D = Defective			Missing mortar								
CONE	Pre cast	S = Sound											
STEPS	Aluminum	Sound											
WALLS	Pre cast	S = Sound											
BENCH	Brick	S = Sound											
CHANNEL	Brick	S = Sound											
Surcharge from Invert: None Evident None Currently ft Marks to ft													
LINE CONDITIONS													
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments			
In	656	10' 5"	8	PVC	3' & 2'	0.1	0.25			At 5', service connection 2 o'clock			
Out	653	10' 6"	8	PVC	8'	0.1	0			At 16', service connection 2 o'clock			
Sheet Number:													

SMH-655



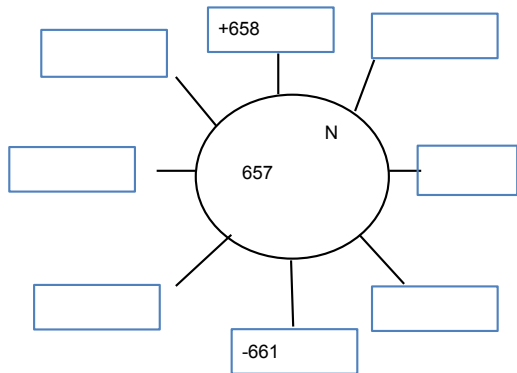
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/25/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 137										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 656 Photo #8										
Street: 6 Island Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
<div style="display: flex; justify-content: space-between;"> 4x8 </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	E	9' 8"	6	PVC	10'	0	0			At 15', pipe bends down slightly
Out	655	10' 7"	8	PVC	13'	0	0.25			
Sheet Number:										



SMH-656



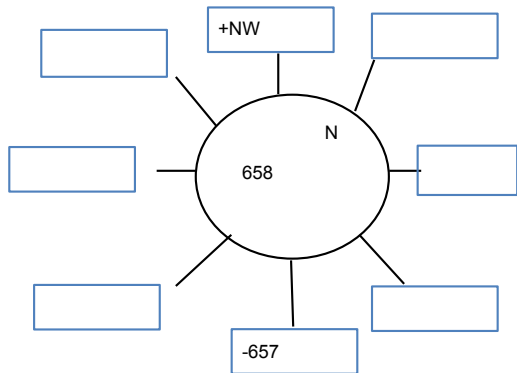
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 162										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 657 Photo #5										
Street: 4 Island Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.75" above</div> <div>Drainage Area: 2x2</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	658	9' 11"	8	PVC	6'	0	0			
Out	661	10'	8	PVC	8'	0	0			
Sheet Number: _____										



SMH-657



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/26/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 48										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 658 Photo #6										
Street: 6 Island Hill Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
Grade: Drainage Area:										
0.75" above 2x2										
General Comments: Cracked pavement surrounding										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	D = Defective			Missing mortar					
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	NW	5'	8	Cast Iron	4'	0	0			At 4', bends 45 degrees down. Force main from Copps Hill pump station.
Out	657	5' 1"	8	PVC	10'	0	0			
Sheet Number:										



SMH-658

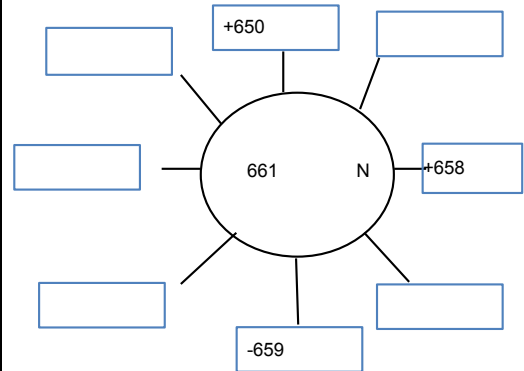


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 72										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 659 Photo #10										
Street: 52 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x7										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Parged	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	Brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	661	9' 1"	10	PVC	10'	0	0			
Out	662	9' 2"	10	PVC	13'	0	0			
Sheet Number:										

SMH-659

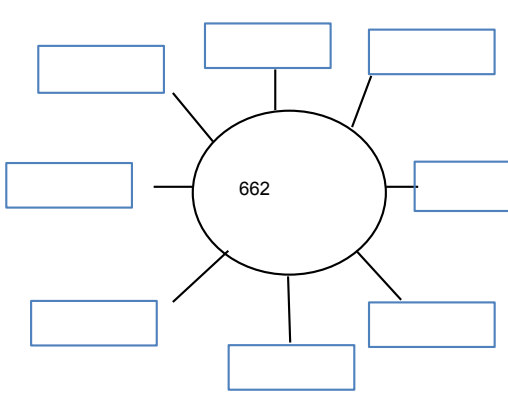


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 88										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 661 Photo #11										
Street: Island Hill Ave./Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 1" below</div> <div>Drainage Area: 3x12</div> </div>										
General Comments: <u>Cracked pavement surrounding manhole</u>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	S = Sound								
CHANNEL	PVC & brick	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	650	9' 3"	8	PVC	13'	0.1	0			
In	658	10' 7"	8	PVC	5' & 1	0.1	0			
Out	659	10' 8"	10	PVC	13'	0.1	0			
Sheet Number: _____										

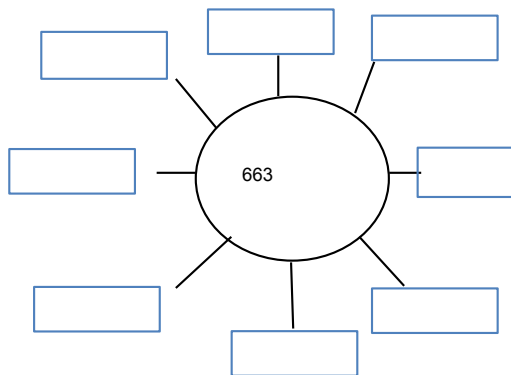


SMH-661

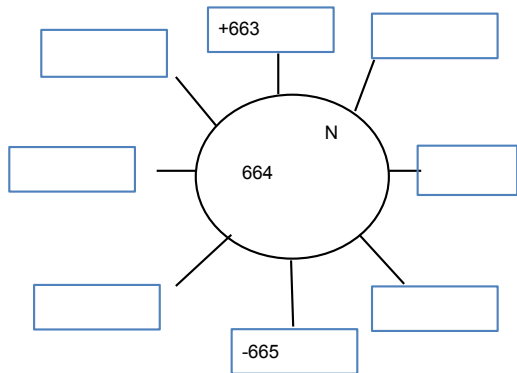


1. GENERAL INFORMATION														
Inspector: JH, TZ Certificate #: Date: 6/2/2016														
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny														
Inspection Status: BM = Buried and Marke Ft to Downstream MH:														
GPS Coordinates: Inspection Level: Level 1														
2. LOCATION														
MH/Access Point Number: 662 Photo#														
Street: 65 Danbury Rd. City: Ridgefield, CT														
3. MANHOLE														
Access Type: AMH = Manhole														
5. COVER														
Cover Condition:														
7. MANHOLE COVER ADJUSTMENT RING														
Ring Condition:														
														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Grade:</td> <td style="width: 50%;">Drainage Area:</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>											Grade:	Drainage Area:		
Grade:	Drainage Area:													
General Comments:														
INTERNAL MANHOLE OBSERVATIONS														
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments									
FRAME														
CHIMNEY														
CONE														
STEPS														
WALLS														
BENCH														
CHANNEL														
Surcharge from Invert: None Evident Currently ft Marks to ft														
LINE CONDITIONS														
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments				
Sheet Number:														

1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/2/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: NF = Not Found Ft to Downstream MH:										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 663 Photo#										
Street: South St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition:										
7. MANHOLE COVER ADJUSTMENT RING								Grade:		
Ring Condition:								Drainage Area:		
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME										
CHIMNEY										
CONE										
STEPS										
WALLS										
BENCH										
CHANNEL										
Surcharge from Invert: None Evident Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
Sheet Number:										



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 190										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 664 Photo #1										
Street: 15 South St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
<div style="display: flex; justify-content: space-between;"> Grade: Drainage Area: </div>										
<div style="display: flex; justify-content: space-between;"> 0.75" above 2x2 </div>										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div> <p>Only surcharges when the pump station is on</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Brick	S = Sound								
CONE	Pre cast	S = Sound								
STEPS	Aluminum	Sound								
WALLS	Pre cast	S = Sound								
BENCH	Brick	D = Defective			Missing mortar					
CHANNEL	Parged	S = Sound								
<div style="display: flex; justify-content: space-between;"> Surcharge from Invert: None Evident Currently ft Marks to 1 ft </div>										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	663	7' 2"	10	PVC	4'	0.5	0			
Out	665	7' 3"	10	PVC	8'	0.5	0			At 8', service connection 9 o'clock
Sheet Number:										



SMH-664

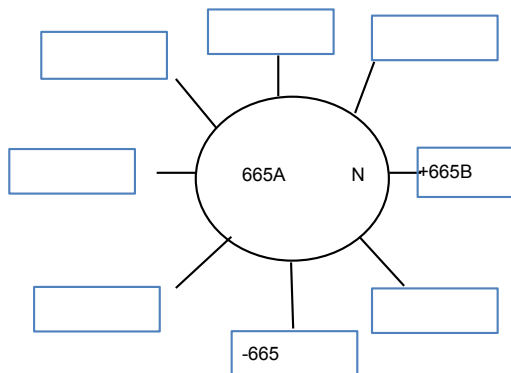


1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 6/1/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 90										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 665 Photo #2										
Street: 10 South St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Corroded (Pitted)										
<div style="display: flex; justify-content: space-between;"> Grade: 2" below Drainage Area: 3x12 </div>										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: Only surcharges when pump station is on</p> <p>Downstream distance estimated.</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Corroded								
CHIMNEY	N/a									
CONE	Block	D = Defective			Missing mortar, light roots					
STEPS	Vinyl coated	Sound								
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Parged	S = Sound								
Surcharge from Invert: None Evident Currently ft Marks to 1 ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	665A	2' 5"	8	PVC	3' & 1	0.25	0			
In	664	5' 9"	10	Cast Iron		0.1	0			Cannot determine joint length due to pipe being c
Out	400.1	5' 10"	10	Cast Iron		0.5	0			Cannot determine joint length due to pipe being c
Sheet Number:										

SMH-665



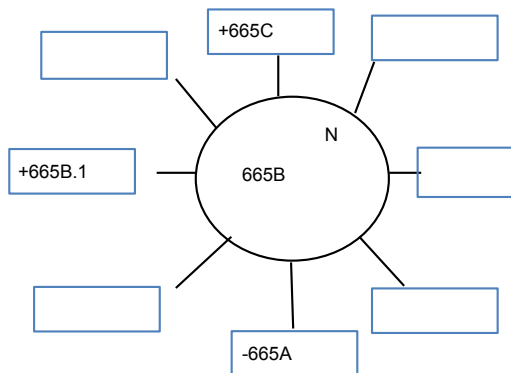
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 135										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 665A Photo #20										
Street: 10 South St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound										
					Grade:		Drainage Area:			
					2' above		2x2			
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound			Missing mortar between frame and cone					
CHIMNEY	N/a									
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	S = Sound								
BENCH	Poured in place	D = Defective			Missing mortar between walls and bench					
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	665B	5' 4"	8	ACP	13'	0.5	0			
Out	665	5' 5"	8	PVC	3' & 8'	0.5	0			
Sheet Number:										



SMH-665A



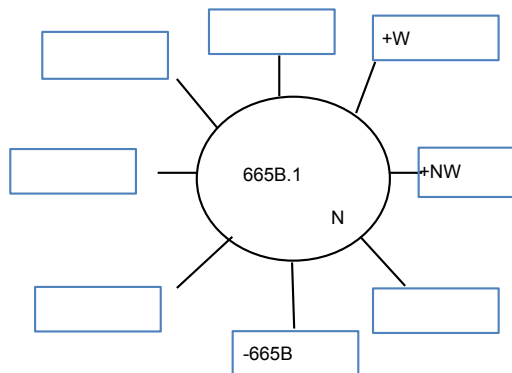
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 209										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 665B Photo #18										
Street: 10 South St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Worn										
<div style="display: flex; justify-content: space-between;"> <div>Grade: 0.25" above</div> <div>Drainage Area: 2x3</div> </div>										
<div style="display: flex; justify-content: space-between;"> <div>General</div> <div></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Comments:</div> <div></div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Worn								
CHIMNEY	Brick	S = Sound								
CONE	Block	D = Defective			Missing mortar					
STEPS	N/a									
WALLS	N/a									
BENCH	Poured in place	S = Sound								
CHANNEL	ACP	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	665B.1	2' 8"	6	ACP	13'	0.25	0			
In	665C	2' 9"	6	ACP	3' & 1	0.5	0			
Out	665A	2' 10"	6	ACP	7' & 1	0.5	0			
Sheet Number:										



SMH-665B



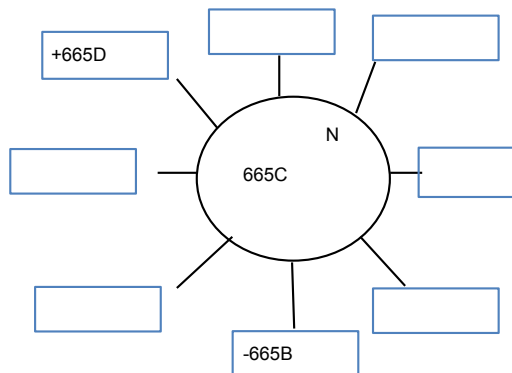
1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 100										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 665B.1 Photo #19										
Street: 10 South St. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Broken At 3x4										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments: _____</p> </div> <div> <p>Cover marked WTN</p> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Broken								
CHIMNEY	Brick & block	D = Defective			Missing brick/mortar					
CONE	Parged	D = Defective			Missing parging					
STEPS	N/a									
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	W	5' 8"	6	ACP	13'	0	0			
In	NW	3' 9"	6	ACP	5' & 1	0.1	0			
Out	665B	5' 9"	6	ACP	3' & 1	0.1	0			
Sheet Number:										



SMH-665B.1



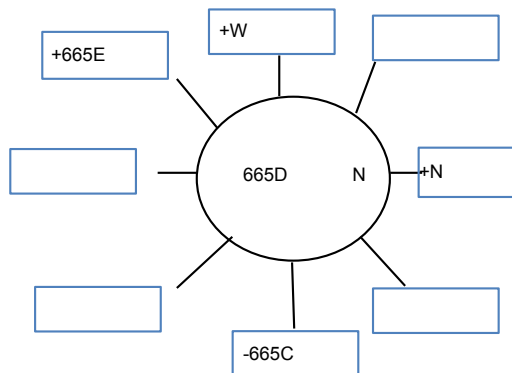
1. GENERAL INFORMATION										
Inspector: <u>SS/MK</u> Certificate #: _____ Date: <u>11/16/2016</u>										
Purpose of Survey: <u>B = Infiltration and Inflow Investigati</u> Weather: <u>Sunny</u>										
Inspection Status: <u>DI = Descent Inspection</u> Ft to Downstream MH: <u>115'</u>										
GPS Coordinates: _____ Inspection Level: <u>Level 1</u>										
2. LOCATION										
MH/Access Point Number: <u>665C</u> Photo# <u>1</u>										
Street: <u>South Street</u> City: <u>Ridgefield, CT</u>										
3. MANHOLE										
Access Type: <u>AMH = Manhole</u>										
5. COVER										
Cover Condition: <u>Sound</u>										
7. MANHOLE COVER ADJUSTMENT RING										
Grade: _____ Drainage Area: _____										
Ring Condition: _____ Above 3" _____ 2x2 _____										
General <u>In grass next to 10 South Street</u>										
Comments: _____										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	D = Defective			Missing mortar					
CONE	Block	S = Sound								
STEPS	None									
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: <u>None Evident X</u> Currently _____ ft Marks to _____ ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	665D	4'2"	6	ACP	13	.25	0			
Out	665B	4'9"	6	ACP	13	.25	0			
Sheet Number: _____										



MH – 665C



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 90										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 665D Photo #17										
Street: 52 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Corroded (Pitted)								Grade: 0.25" above	Drainage Area: 2x 10	
General Comments:										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Corroded								
CHIMNEY	Brick	S = Sound								
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	Block	S = Sound								
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	665E	2' 3"	6	PVC	2'	0.25	0			At 2', bends at least 45 degrees right
In	W	2' 6"	4	PVC	2' & 3'	0.1	0			At 5', pipe bends down
In	N	2' 7"	4	VCP	1'	0	0			At 2', changes to 4" PVC
Out	665C	3' 1"	6	ACP	8'	0.25	0			At 8', joint offset 0.75"
Sheet Number:										



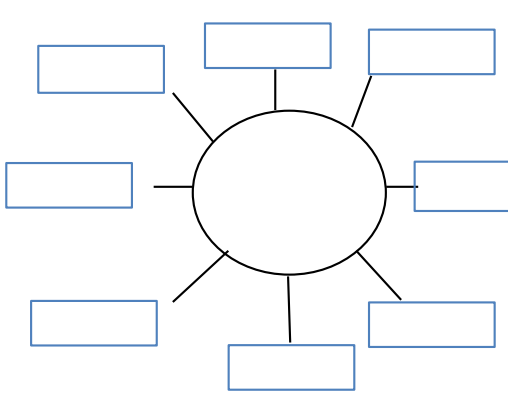
SMH-665D



1. GENERAL INFORMATION										
Inspector: JH, TZ Certificate #: Date: 5/31/2016										
Purpose of Survey: I = Sewer System Evaluation Survey Weather: Sunny										
Inspection Status: DI = Descent Inspection Ft to Downstream MH: 70										
GPS Coordinates: Inspection Level: Level 1										
2. LOCATION										
MH/Access Point Number: 665E Photo #16										
Street: 52 Danbury Rd. City: Ridgefield, CT										
3. MANHOLE										
Access Type: AMH = Manhole										
5. COVER										
Cover Condition: Sound										
7. MANHOLE COVER ADJUSTMENT RING										
Ring Condition: Sound At 2x3										
<div style="display: flex; justify-content: space-between;"> <div> <p>General</p> <p>Comments:</p> </div> <div style="text-align: center;"> </div> </div>										
INTERNAL MANHOLE OBSERVATIONS										
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments					
FRAME	Cast iron	Sound								
CHIMNEY	Block	S = Sound								
CONE	Block	S = Sound								
STEPS	N/a									
WALLS	N/a									
BENCH	Poured in place	S = Sound								
CHANNEL	Poured in place	S = Sound								
Surcharge from Invert: None Evident None Currently ft Marks to ft										
LINE CONDITIONS										
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments
In	SW	2' 9"	4	Cast Iron	15"	0.5	0			First section is a Y connection. At 15", pipe bends right 22 degrees. At 5", service connection 3 o'clock. Pipe connection missing mortar.
In	W	1' 10"	4	Orangeburg	3'	0	0			At 3', pipe bends right. Pipe connection missing mortar.
In	NW	2' 10"	4	VCP	2'	0	0			
Out	665D	3' 9"	6	PVC	4' & 1	0.5	0			
Sheet Number:										

SMH-665E



1. GENERAL INFORMATION											
Inspector: JH, TZ Certificate #: Date: 6/9/2016											
Purpose of Survey: I = Sewer System Evaluation Surve Weather: Sunny											
Inspection Status: NF = Not Found Ft to Downstream MH:											
GPS Coordinates: Inspection Level: Level 1											
2. LOCATION											
MH/Access Point Number: Photo#											
Street: 12 Mulvaney Ct./High Ridge Ave. City: Ridgefield, CT											
3. MANHOLE											
Access Type:											
5. COVER											
Cover Condition:											
7. MANHOLE COVER ADJUSTMENT RING											
Ring Condition:											
											
										Grade:	Drainage Area:
General Comments: Map shows manhole with no number. Not located.											
INTERNAL MANHOLE OBSERVATIONS											
ITEM	MATERIAL	CONDITION	Leaks (gpm)	Photo	Manhole Comments						
FRAME											
CHIMNEY											
CONE											
STEPS											
WALLS											
BENCH											
CHANNEL											
Surcharge from Invert: None Evident Currently ft Marks to ft											
LINE CONDITIONS											
Direction (in/out)	Connect MNH	Rim to Invert Depth	Pipe Dia (in.)	Pipe Material	Joint Length	Flow Depth (in.)	Debris Depth (in.)	Pipe Conn Leak (gpm)	Photo	Line Comments	
Sheet Number:											