

STORM SEWER PROFILE
 HORIZONTAL SCALE: 1"=20'
 VERTICAL SCALE: 1"=10'

CONFIGURATION DETAIL

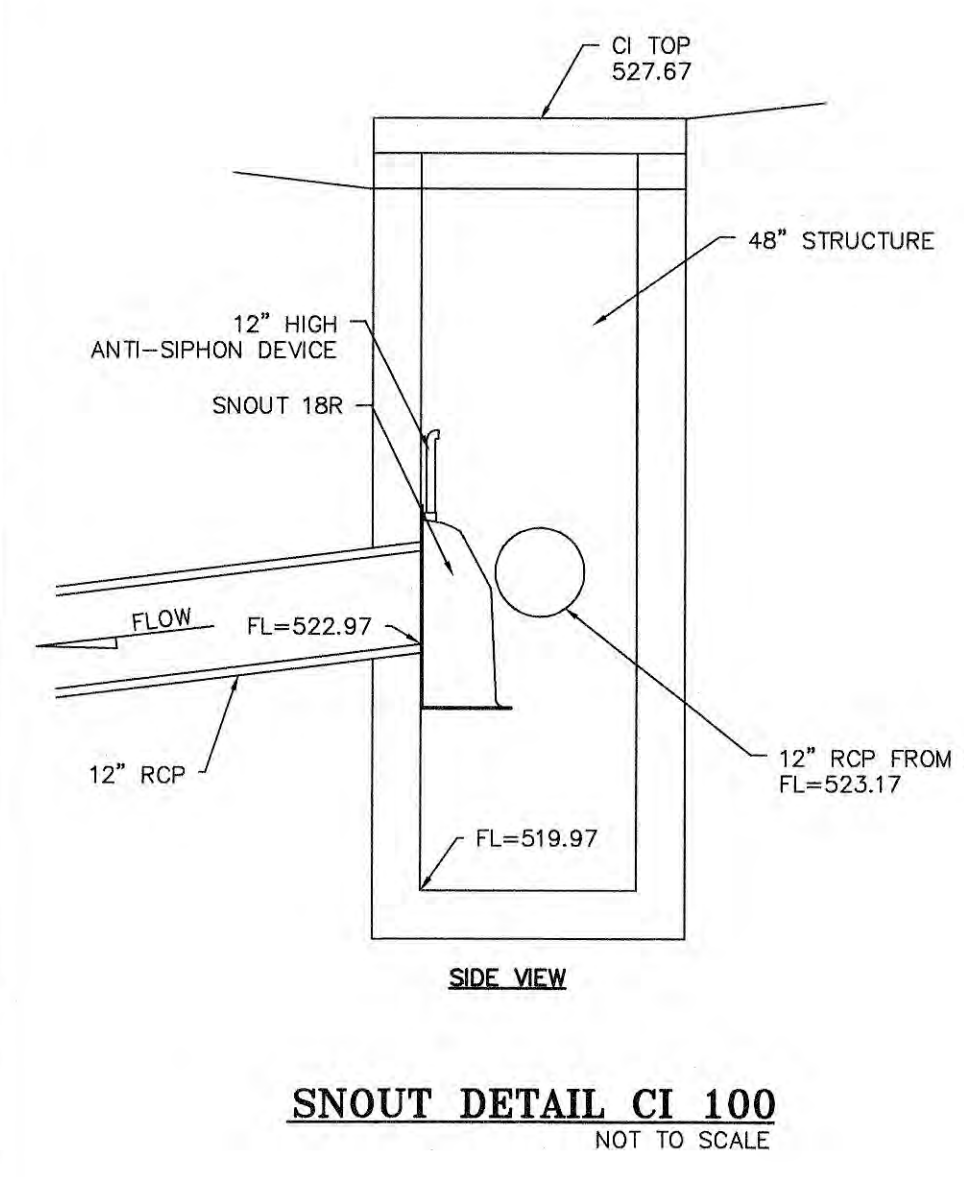
TYPICAL INSTALLATION

INSTALLATION DETAIL

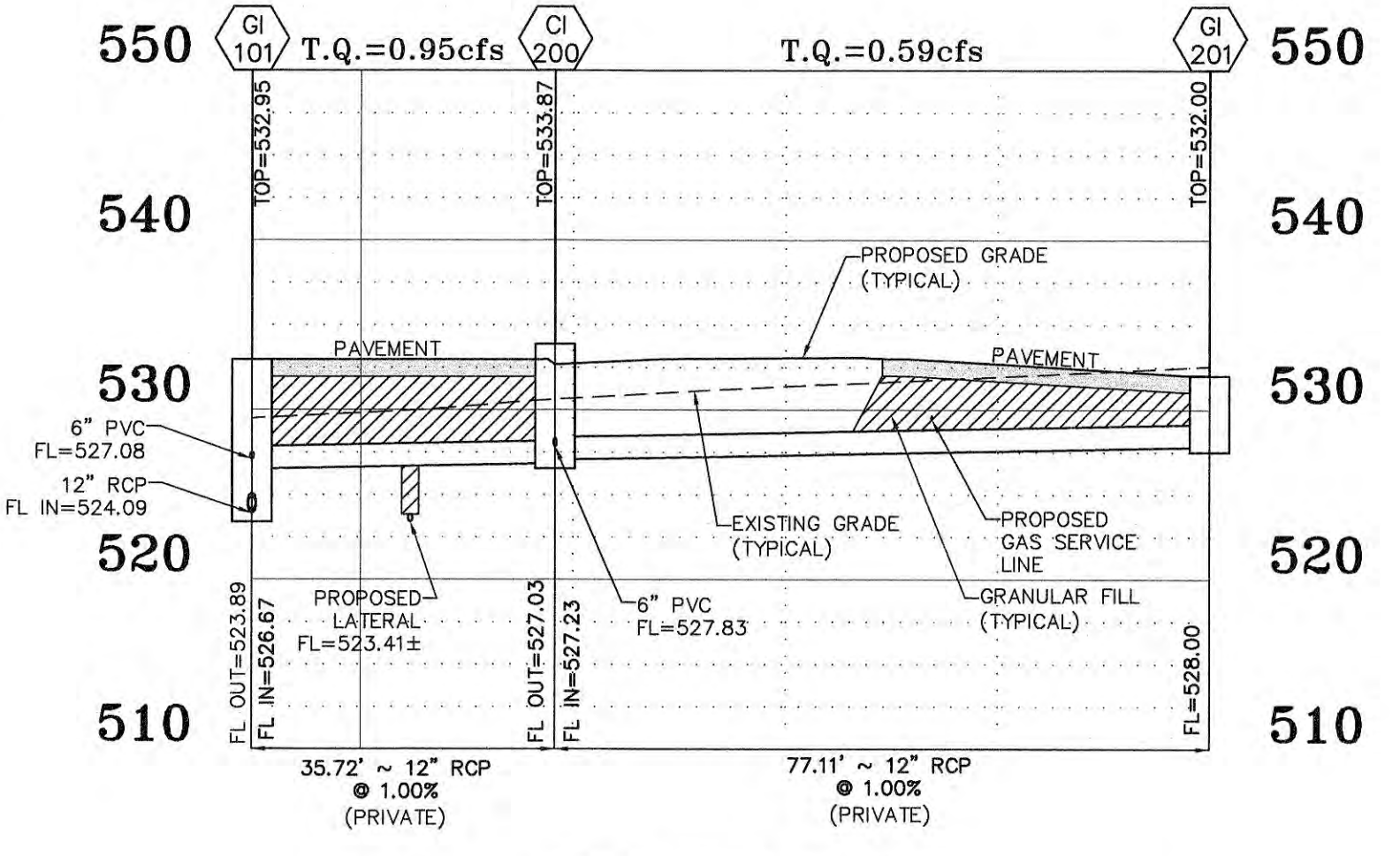
HOOD SPECIFICATION FOR CATCH BASINS AND WATER QUALITY STRUCTURES

DESCRIPTION	DATE	SCALE
OIL-DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	09/08/18	NONE
DRAWING NUMBER	SP-SN	

US Patent # 8126817, 7951284, 7857966, 8512556
 Canada Patent # 2285146, 2690159, 2690156 others pending

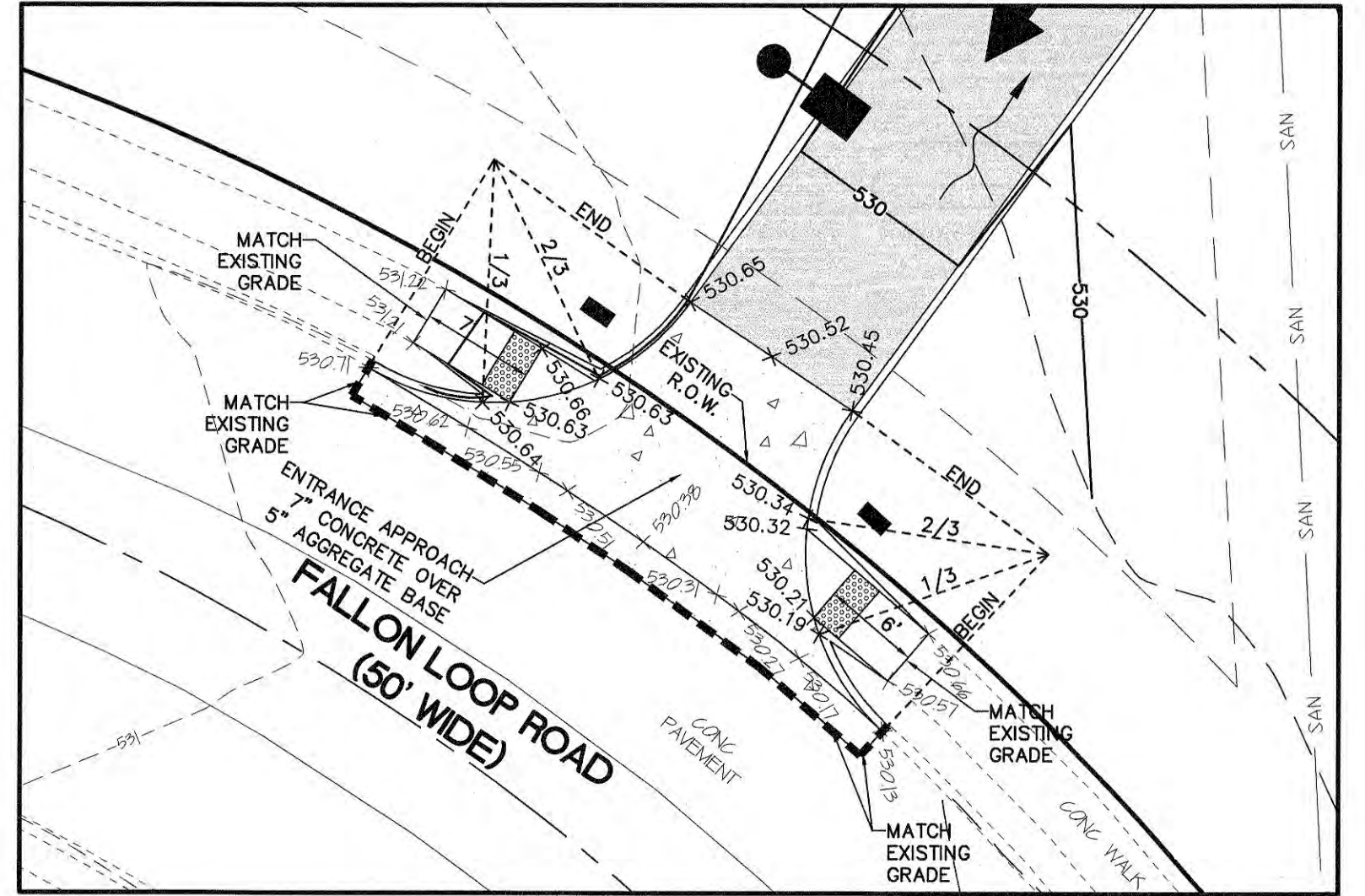
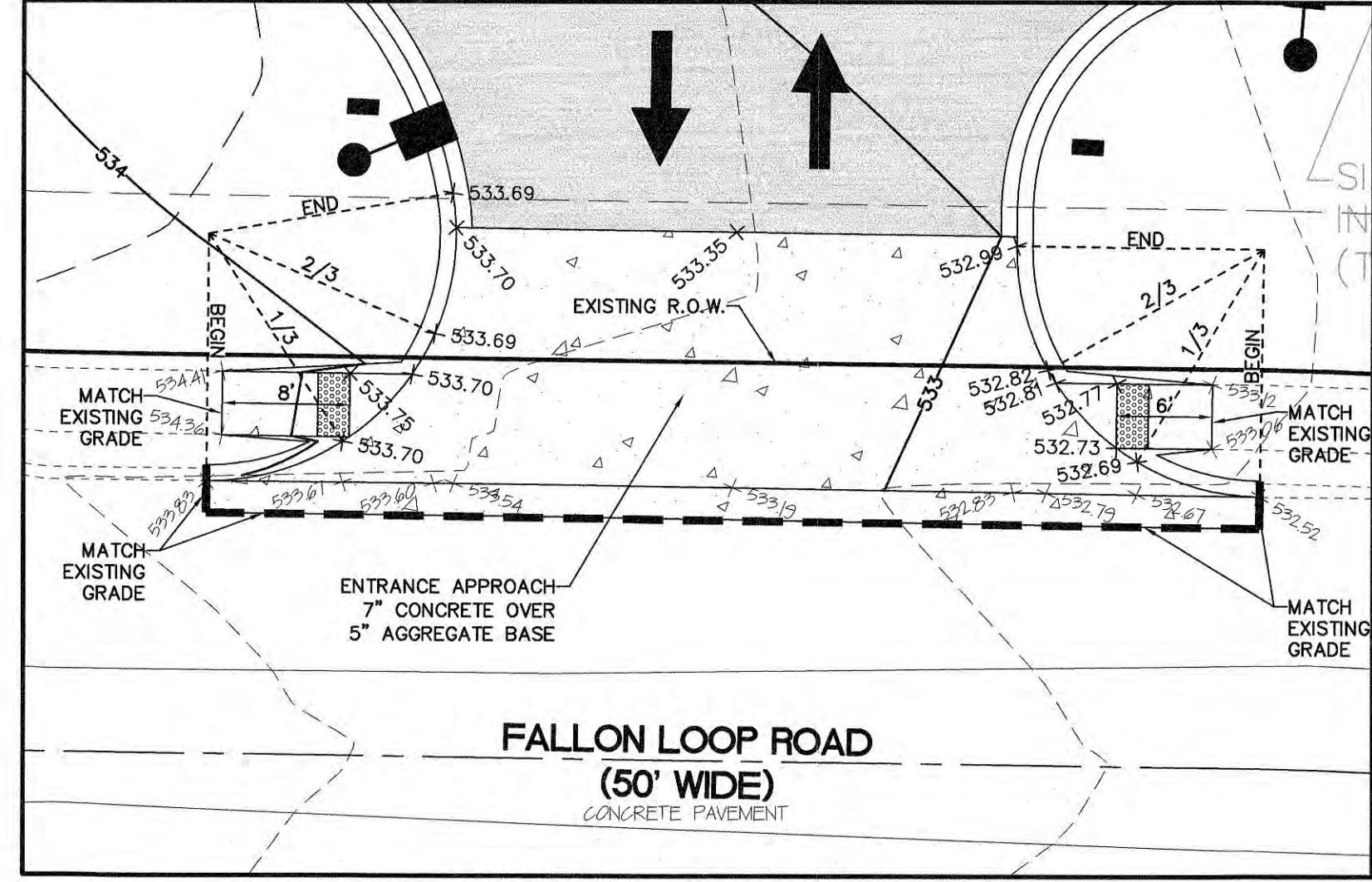


- Snout Maintenance Recommendations:**
- Monthly monitoring for the first year of a new installation after the structure has been stabilized is a recommended practice.
 - Measurements should be taken after each rain event of 0.5 inches or more, or monthly, as determined by local weather conditions.
 - Checking sediment depth and noting the surface pollutants in the structure will be helpful in planning maintenance.
 - The pollutants collected in SNOUT equipped structures will consist of floatable debris and oils on the surface of the captured water, and grit and sediment on the bottom of the structure.
 - It is best to schedule maintenance based on the solids collected in the sump.
 - Optimally, the structure should be cleaned when the sump is half full (e.g. when 2 feet of material collects in a 4 foot sump, clean it out).
 - Structures should also be cleaned if a spill or other incident causes a larger than normal accumulation of pollutants in a structure.
 - Maintenance is best done with a vacuum truck.
 - If Bio-Skirts are being used in the structure to enhance hydrocarbon capture, they should be checked on a monthly basis for the first year, and serviced or replaced when more than 2/3 of the boom is submerged, indicating a nearly saturated state. Assuming a typical pollutant-loading environment exists, Bio-Skirts should be serviced annually or replaced as necessary.
 - In the case of an oil spill, the structure should be checked and serviced and Bio-Skirts (if present) replaced or serviced immediately.
 - All collected wastes must be handled and disposed of according to local environmental requirements.
 - To maintain the SNOUT hoods, an annual inspection of the anti-siphon vent and access hatch are recommended. A simple flushing of the vent, or a gentle ridding with a flexible wire are all that's typically needed to maintain the anti-siphon vent and access hatch are recommended. A simple flushing of the vent, or a gentle ridding with a flexible wire are all that's typically needed to maintain the anti-siphon vent and access hatch are recommended.



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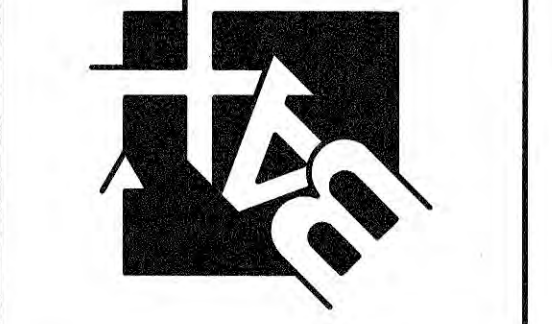
Upp Str	Low Str	PL	S	Upp FL LN	Low FL LN	PS	Upp ST EL	Depth HY GR	Upp HY EL	Low HY EL	Hydr Grade	FR Head	VEL Head	Junc Loss	Turn Loss	Curve Loss	STR Grade	Inl Cap	DR Area	PI	Q	TO	Pipe Cap	Remarks	
1	GI201	CI200	77	12	528.00	527.23	1.00	532.00	3.72	528.28	528.23	0.00030	0.02	0.75	0.01	0.01	0.00	0.00						0.59	3.56
2	CI200	GI101	36	12	527.03	526.67	1.01	533.87	6.16	527.71	527.67	0.00070	0.03	1.21	0.02	0.00	0.01	0.00						0.95	3.58
3	CI103	CI102	166	12	527.00	525.34	1.00	531.92	4.66	527.26	526.34	0.00020	0.03	0.64	0.01	0.01	0.00	0.00						0.50	3.56
4	CI102	GI101	105	12	525.14	524.09	1.00	532.37	6.81	525.56	525.09	0.00140	0.15	1.87	0.04	0.00	0.01	0.00						1.31	3.56
5	GI101	CI100	72	12	523.89	523.17	1.00	532.85	8.26	524.69	524.17	0.00510	0.37	3.25	0.16	0.15	0.00	0.00						2.55	3.56
6	CI100	EXCI	154	12	522.97	521.43	1.00	527.67	4.03	523.64	522.25	0.00630	0.37	3.60	0.20	0.00	0.11	0.00						2.83	3.56



UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.

PROJECT TITLE:
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REVISIONS

NO.	DATE	DESCRIPTION
4-17-20		city, dcsd, pwsd2 & fire comments

Developer / Owner:
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STORM PROFILES, ENTRANCE DETAIL AND WATER QUALITY DETAILS

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Approval Date: 11-7-19
City No. #
Page No. 8 of 15

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