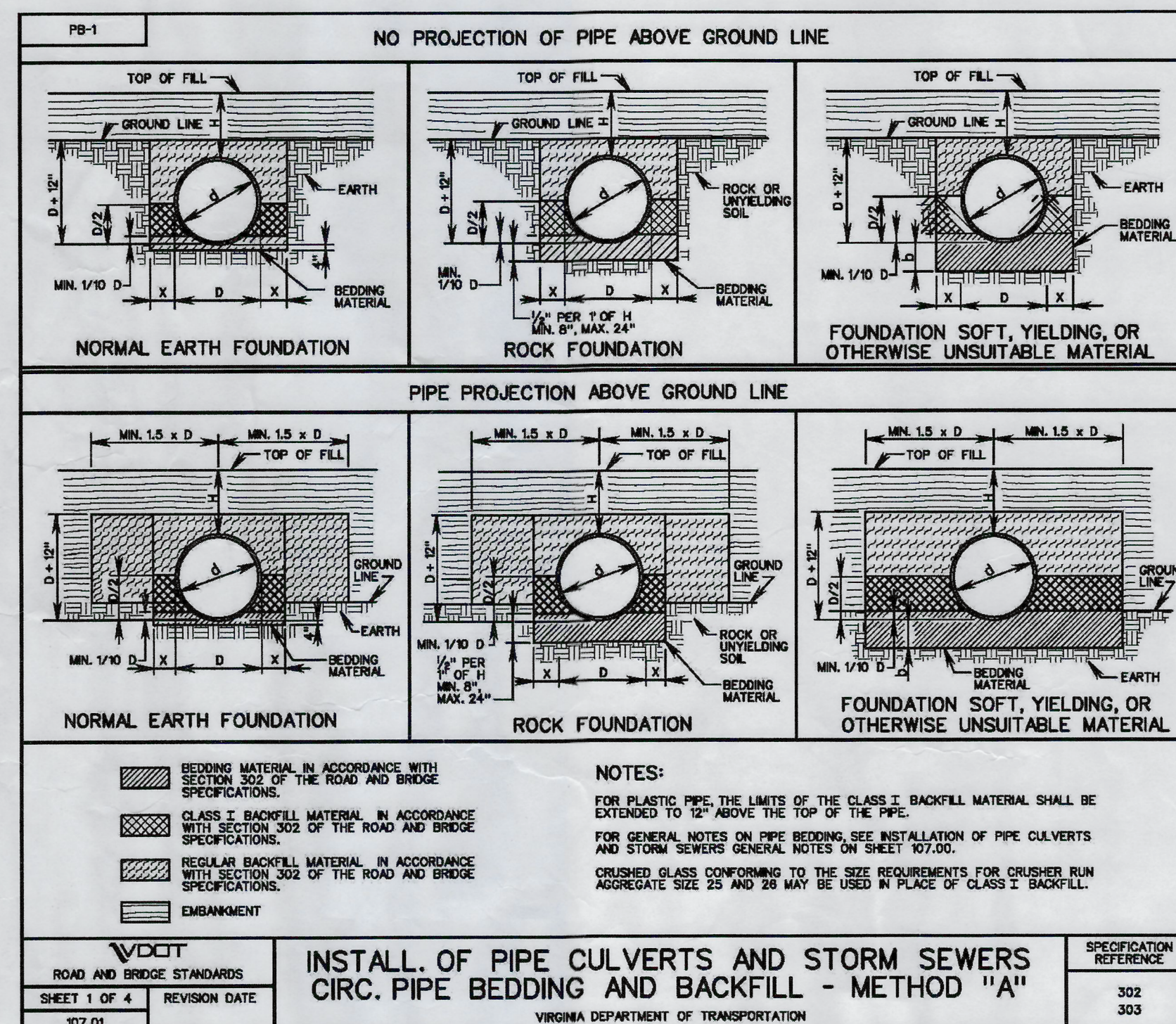


PROPOSED STORM SEWER SCHEDULE

1	180 LF OF 30" TYPE S HDPE PIPE AT 1.67% W/ END SECTION INV. IN=1333.0 INV. OUT=1330.0	13	VDOT STD. DI-3B 6" THROAT TOP=1359.23 INV. IN=1354.5 (STR. #26) INV. IN=1351.7 (STR. #12) INV. OUT=1351.6	23	VDOT ST'D MH-2 6" THROAT TOP=1348.7 INV. IN=1339.1 INV. OUT=1339.0
2	29 LF OF 24" TYPE S HDPE PIPE AT 1.75% W/ END SECTION INV. IN=1345.5	14	99 LF OF 24" TYPE S HDPE PIPE AT 4.23%	24	46 LF OF 30" TYPE S HDPE PIPE AT 2.19% W/ END SECTION INV. IN=1338.0 INV. OUT=1338.0
3	VDOT ST'D DI-3C 16" THROAT TOP=1353.45 INV. IN=1345.0 INV. OUT=1344.9	15	VDOT ST'D DI-3B 6" THROAT TOP=1353.9 INV. IN=1347.4 (STR. #14) INV. IN=1347.4 (STR. #50) INV. OUT=1347.3	25	VDOT ST'D DI-3B 6" THROAT TOP=1362.65 INV. OUT=1357.5
4	47 LF OF 24" TYPE S HDPE PIPE AT 1.92%	16	31 LF OF 24" TYPE S HDPE PIPE AT 2.59%	26	38 LF OF 15" TYPE S HDPE PIPE AT 7.82%
5	VDOT ST'D DI-3C 8" THROAT TOP=1353.70 INV. IN=1344.0 INV. OUT=1343.9	17	VDOT ST'D DI-3B 6" THROAT TOP=1353.91 INV. IN=1346.5 INV. OUT=1346.4	27	VDOT ST'D DI-3C 8" THROAT TOP=1353.5 INV. IN=1349.1 (STR. #49) INV. OUT=1349.0
6	65 LF OF 24" TYPE S HDPE PIPE AT 5.97% W/ END SECTION INV. OUT=1340.0	18	74 LF OF 24" TYPE S HDPE PIPE AT 4.54%	28	57 LF OF 15" TYPE S HDPE PIPE AT 1.77%
7	OMITTED	19	VDOT ST'D DI-3C 10" THROAT TOP=1351.86 INV. IN=1343.0 INV. OUT=1342.9	29	OMITTED
8	34 LF OF 24" TYPE S HDPE PIPE AT 1.18% W/ END SECTION INV. IN=1353.5	20	142 LF OF 30" TYPE S HDPE PIPE AT 1.19%	30	50 LF OF 15" TYPE S HDPE PIPE AT 1.367.85
9	VDOT ST'D DI-3C 10" THROAT TOP=1361.04 INV. IN=1353.1 INV. OUT=1353.0	21	VDOT ST'D MH-2 TOP=1353.0 INV. IN=1348.0 (STR. #28) INV. IN=1341.2 (STR. #20) INV. OUT=1341.1	31	VDOT ST'D DI-3C 6" THROAT TOP=1371.85 INV. IN=1364.0 INV. OUT=1363.9
10	27 LF OF 24" TYPE S HDPE PIPE AT 1.49%	22	117 LF OF 30" TYPE S HDPE PIPE AT 1.71%	32	27 LF OF 15" TYPE S HDPE PIPE AT 1.49%
11	VDOT ST'D DI-3C 6" THROAT TOP=1361.04 INV. IN=1352.6 INV. OUT=1352.5			33	VDOT ST'D DI-3C 6" THROAT TOP=1371.85 INV. IN=1363.5 INV. OUT=1363.4
12	72 LF OF 24" TYPE S HDPE PIPE AT 1.11%			34	75 LF OF 15" TYPE S HDPE PIPE AT 1.73%



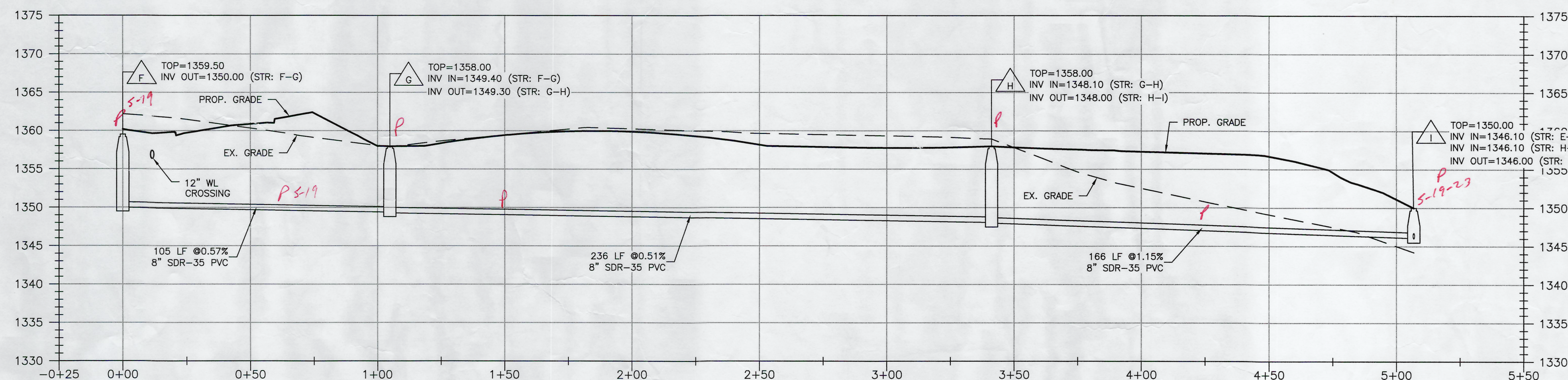
- NOTES:**
- G.C. SHALL PROVIDE VDOT STANDARD IS-1 INLET SHAPING WITHIN ALL VDOT STANDARD STORM STRUCTURES.
 - ALL PIPE CONNECTIONS TO STRUCTURES SHALL BE IN ACCORDANCE WITH VDOT STANDARDS.
 - ALL PROPOSED YARD DRAINS SHALL BE 12" NYLOPLAST DROP-IN GRATE OR APPROVED EQUAL.

PROPOSED SANITARY SEWER SCHEDULE

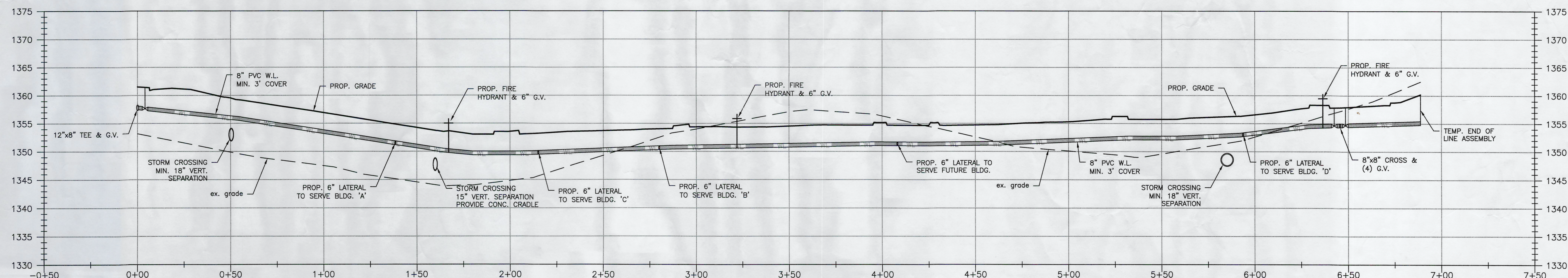
A	S.S. MANHOLE TOP=1358.6 INV. OUT=1351.8	H-I	166 LF OF 8" SDR-35 AT 1.15%	P	S.S. MANHOLE TOP=1345.3 INV. IN=1336.32 INV. OUT=1336.22
A-B	160 LF OF 8" SDR-35 AT 0.50%	I	S.S. MANHOLE TOP=1350.0 INV. IN=1346.1 INV. OUT=1346.0	P-Q	265 LF OF 8" SDR-35 AT 0.43%
B	S.S. MANHOLE TOP=1355.4 INV. IN=1351.0 INV. OUT=1350.9	I-J	161 LF OF 8" SDR-35 AT 0.50%	Q	S.S. MANHOLE TOP=1341.0 INV. IN=1336.09 INV. OUT=1335.01
B-C	232 LF OF 8" SDR-35 AT 0.52%	J	S.S. MANHOLE TOP=1350.0 INV. IN=1345.2 INV. OUT=1345.1	Q-ex	272 LF OF 8" SDR-35 AT 2.95%
C	S.S. MANHOLE TOP=1354.5 INV. IN=1349.7 INV. OUT=1349.6	J-K	187 LF OF 8" SDR-35 AT 0.53%	R	S.S. MANHOLE TOP=1393.28 INV. IN=1386.1 (STUB OUT) INV. OUT=1386.0
C-D	221 LF OF 8" SDR-35 AT 0.50%	K	S.S. MANHOLE TOP=1350.0 INV. IN=1344.1 INV. OUT=1344.0	R-S	90 LF OF 8" RESTRAINED-JOINT D.I. PIPE AT 26.53%
D	S.S. MANHOLE TOP=1354.0 INV. IN=1348.5 INV. OUT=1348.4	K-L	176 LF OF 8" SDR-35 AT 1.02%	S	S.S. MANHOLE TOP=1349.9 INV. IN=1342.2 INV. OUT=1340.3
D-E	198 LF OF 8" SDR-35 AT 0.50%	L	S.S. MANHOLE TOP=1349.9 INV. IN=1342.2 INV. OUT=1340.3	S-T	90 LF OF 8" SDR-35 AT 4.33%
E	S.S. MANHOLE TOP=1354.8 INV. IN=1347.4 INV. OUT=1347.3	L-M	387 LF OF 8" SDR-35 AT 0.49%	T	S.S. MANHOLE TOP=1365.8 INV. IN=1358.1 INV. OUT=1358.0
E-I	236 LF OF 8" SDR-26 AT 0.51%	M	S.S. MANHOLE TOP=1346.5 INV. IN=1338.40 INV. OUT=1338.30	T-U	265 LF OF 8" SDR-35 AT 1.89%
F	S.S. MANHOLE TOP=1359.5 INV. OUT=1350.0	M-N	110 LF OF 8" SDR-35 AT 0.52%	U	S.S. MANHOLE TOP=1363.73 INV. IN=1353.0 INV. OUT=1352.9
F-G	105 LF OF 8" SDR-35 AT 0.57%	N	S.S. MANHOLE TOP=1345.3 INV. IN=1337.73 INV. OUT=1337.63	U-A	196 LF OF 8" SDR-35 AT 0.51%
G	S.S. MANHOLE TOP=1358.0 INV. IN=1349.4 INV. OUT=1349.3	N-O	120 LF OF 8" SDR-35 AT 0.50%		
G-H	236 LF OF 8" SDR-35 AT 0.51%	O	S.S. MANHOLE TOP=1344.9 INV. IN=1337.03 INV. OUT=1336.93		
H	S.S. MANHOLE TOP=1358.0 INV. IN=1348.1 INV. OUT=1348.0	O-P	141 LF OF 8" SDR-35 AT 0.43%		

- NOTES:**
- G.C. TO CONFIRM & COORDINATE ALL BUILDING TIE-IN LOCATIONS WITH M.E.P. AND ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION OF LATERALS.
 - G.C. TO CONFIRM ALL TIE-IN LOCATIONS TO EXISTING LINES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - 6" S.S. LATERALS SHALL BE CONSTRUCTED AT MIN. SLOPE OF 1.04% PER THE BUILDING CODE.

SANITARY SEWER F-I PROFILE



WATERLINE #1 PROFILE



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PRELIMINARY

FIELDSTONE PHASE I

UTILITY PROFILES & SCHEDULES

AMSTERDAM DISTRICT
BOTETOURT COUNTY, VIRGINIA

DRAWN BY: CLL
DESIGNED BY: CPB
CHECKED BY: CPB
DATE: 1/25/2019
SCALE: N/A

REVISIONS

4/30/2019	
10/8/2019	
12/5/2019	
10/14/2020	
2/11/2021	
3/28/2023	

C18

PROJECT NO 04170078.01