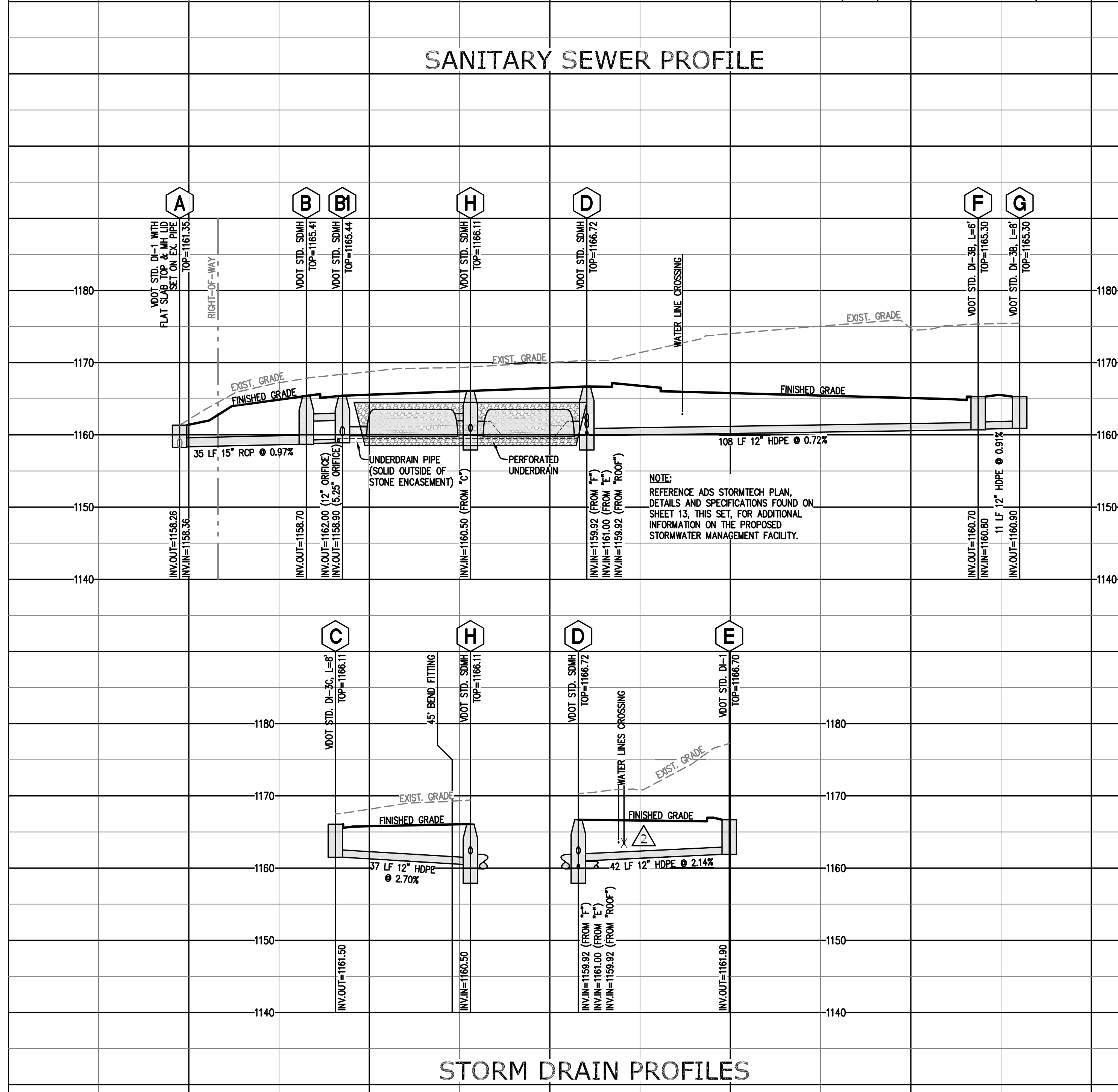
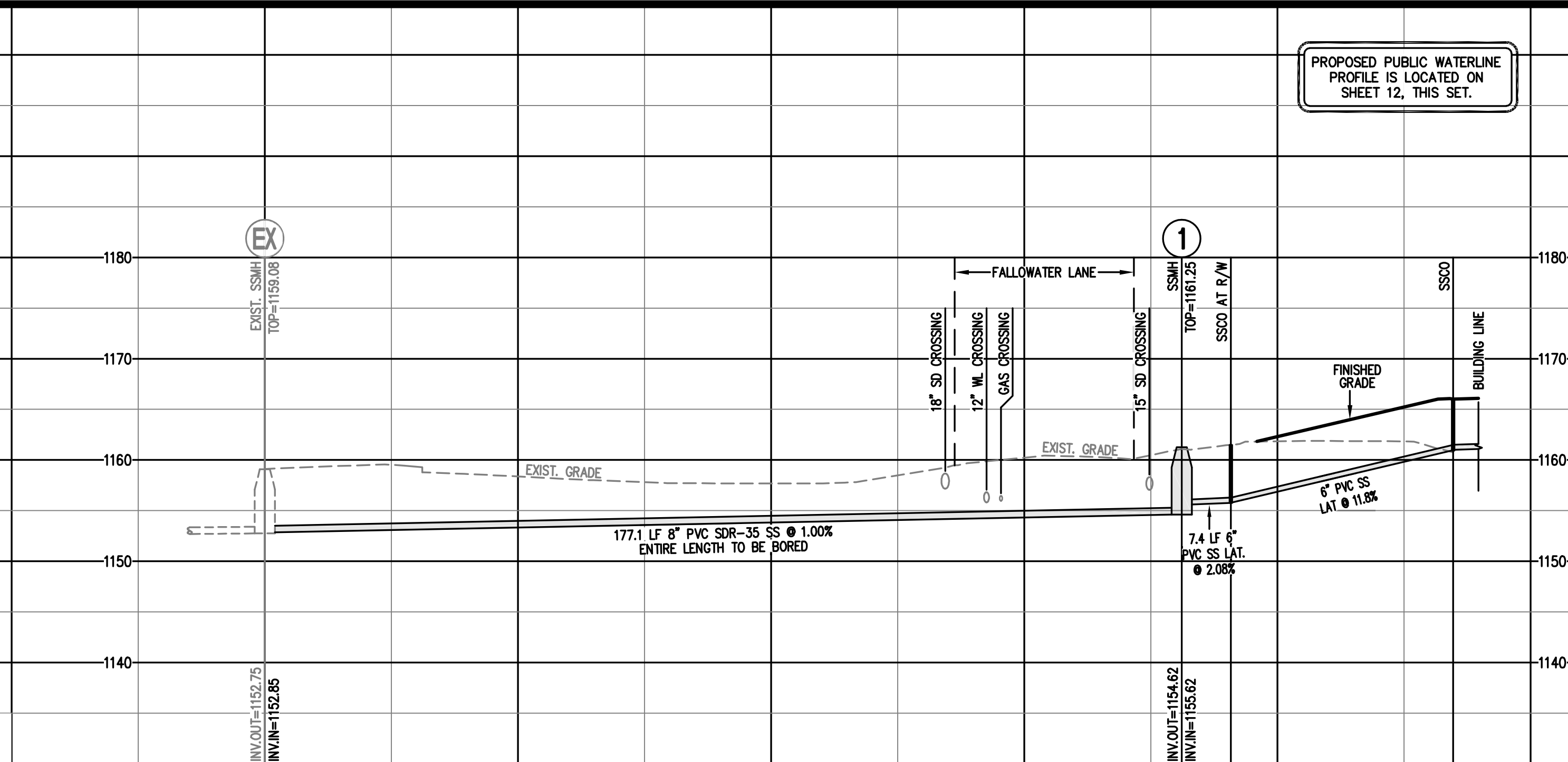
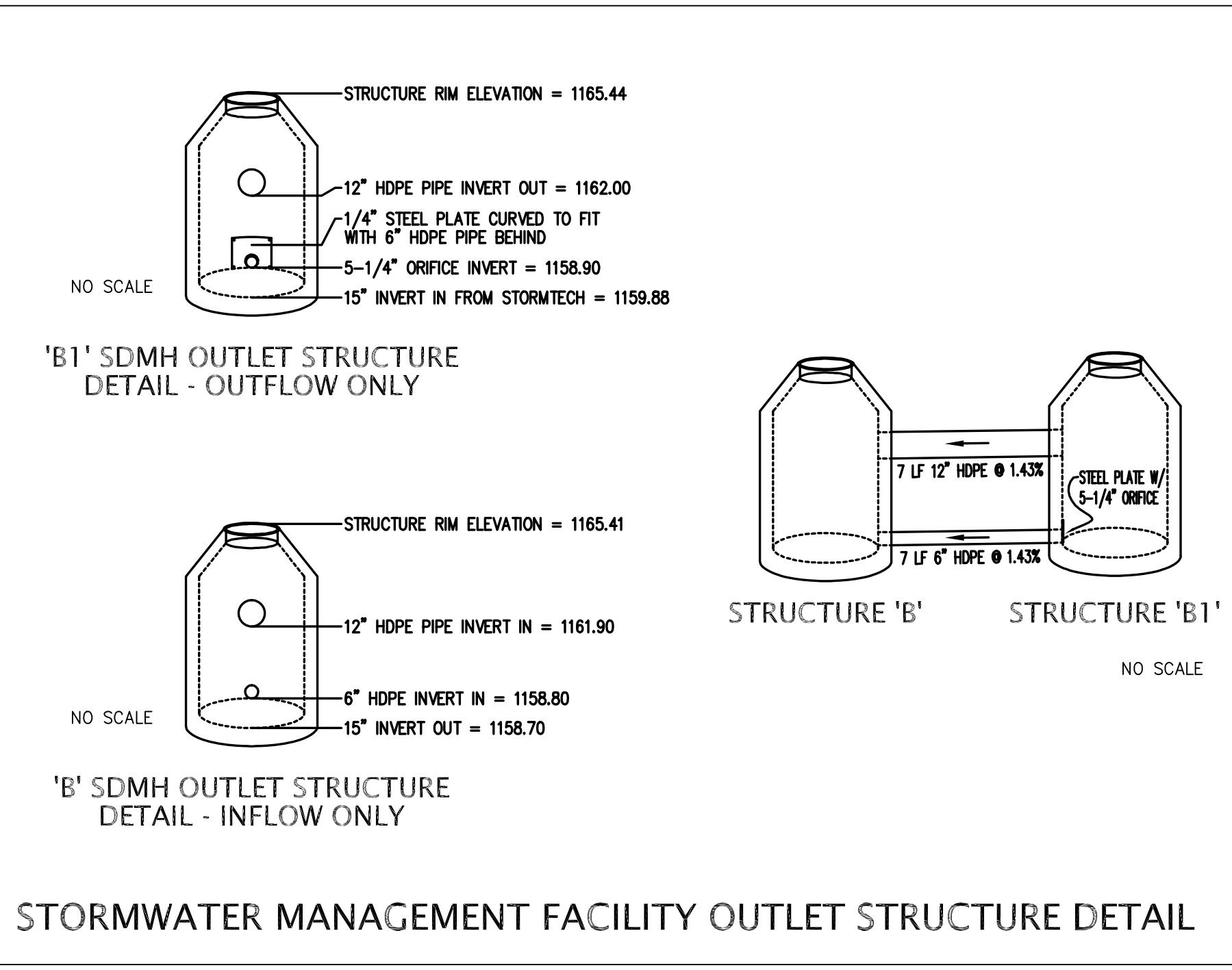
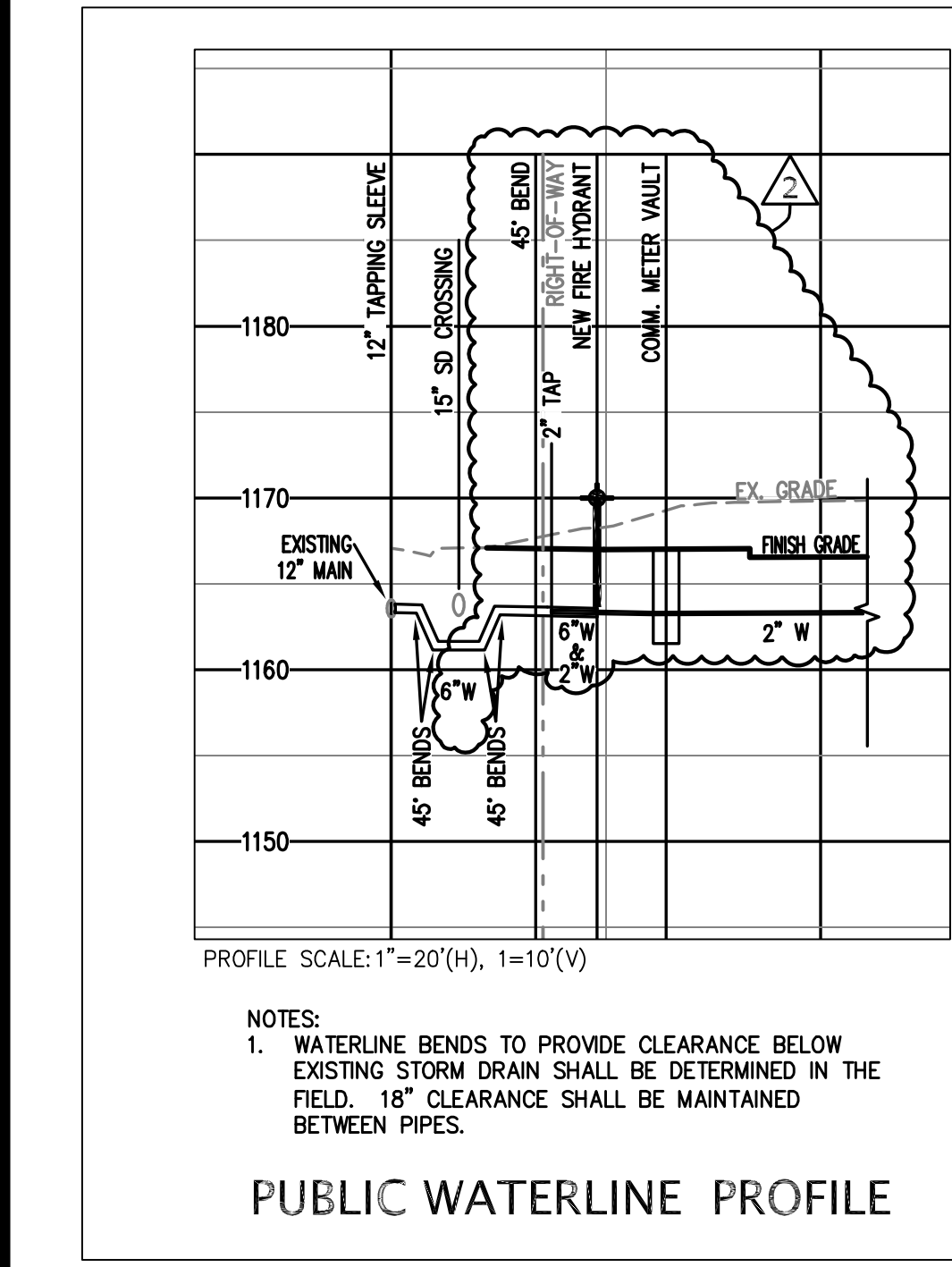


RETAINING WALL NOTES:

1. WALL DETAILS AND PROFILES SHOWN IN THESE PLANS ARE FOR SCHEMATIC DETAIL ONLY. WALL DESIGNER SHALL PROVIDE TO THE OWNER DESIGN DRAWINGS FOR THE RETAINING WALL. RETAINING WALL DESIGN DRAWINGS SHALL INCLUDE TYPE AND STYLE OF WALLS AND INCLUDE HANDRAIL/GUARDRAIL REQUIREMENTS AND DESIGN. DRAWINGS SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA. WALL INFORMATION SHOWN IN THESE PLANS ARE FOR SCHEMATIC DETAIL ONLY. LUMSDEN ASSOCIATES ASSUMES NO RESPONSIBILITY OR LIABILITY RELATING TO FAILURES RESULTING FROM SAME.
 2. A QUALIFIED GEOTECHNICAL ENGINEER SHOULD MONITOR THE INSTALLATION OF THE RETAINING WALL AND THE CONSTRUCTION OF THE CUT AND FILL SLOPES TO INSURE ADEQUATE SOIL COMPACTION, TESTING, STABILIZATION, SLOPE STABILITY, AND STRUCTURAL INTEGRITY, ETC. GEOTECHNICAL ENGINEER SHALL BE LICENSED AS A PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA.
 3. ALL RETAINING WALLS OVER 2' IN HEIGHT MUST BE APPROVED AND PERMITTED BY ROANOKE COUNTY. ALL RETAINING WALLS 4 FEET OR GREATER IN HEIGHT MUST BE DESIGNED BY A PROFESSIONAL ENGINEER.
 4. REFER TO "SCREENING & SAFETY FENCE NOTE" ON THE LANDSCAPE PLAN, SHEET 7 OF THIS SET, FOR SAFETY RAILING AND 6' SCREENING FENCE COMBINATION FOR THIS SITE.
- NOTE: "TW" TOP OF WALL ELEVATIONS ARE TO FINISHED GRADE ONLY AND DO NOT REFLECT THE TOP OF THE ACTUAL BLOCK COURSE OR WALL TOP CAP. REFER TO WALL PLANS FOR ACTUAL TOP OF WALL ELEVATIONS.

UTILITY NOTES:

1. ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH ROANOKE COUNTY STANDARDS AND THE VDOT ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS, CURRENT EDITION.
2. ALL NEW STORM DRAIN PIPE SHALL BE ADS N-12 HDPE OR ADS HP STORM, UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL. WHERE SPECIFIED, REINFORCED CONCRETE (RCP) SHALL BE CLASS III, UNLESS OTHERWISE INDICATED. REFER TO "CORRUGATED METAL PIPE NOTES," THIS SHEET, FOR CMP SPECIFICATIONS.
3. ALL NEW DROP INLETS AND STORM DRAIN MANHOLES SHALL INCLUDE VDOT STANDARD IS-1 INLET SHAPING UNLESS OTHERWISE INDICATED.
4. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 (FOUR) FEET SHALL HAVE VDOT STANDARD ST-1 STEPS INSTALLED.
5. THE CONTRACTOR SHALL COORDINATE ALL CHANGES OR ADJUSTMENTS TO EXISTING UTILITY SERVICE CONNECTIONS AND ALL NEW CONNECTIONS WITH THE RESPECTIVE UTILITY OWNERS PRIOR TO ANY WORK ON THOSE SERVICES.
6. ALL WATER AND SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS.
7. NEW WATERLINE MAIN PIPE MATERIAL SHALL BE C900 PVC DR14 UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
8. NEW SANITARY SEWER MAIN PIPE MATERIAL SHALL BE PVC, SDR-35, EXCEPT AS NOTED, OR APPROVED EQUAL. ALL SANITARY SEWER LATERAL PIPE MATERIAL SHALL BE PVC SDR-26 UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
9. ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
10. MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CAN NOT BE ACHIEVED, CONCRETE PIERS SHALL BE UTILIZED IN ACCORDANCE WITH THE WESTERN VIRGINIA WATER AUTHORITY'S WATER AND SANITARY SEWER STANDARDS.



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COMMONWEALTH OF VIRGINIA
HOWARD P. BOGGESS, II
Lic. No. 000920
4/12/22
LANDSCAPE ARCHITECT

**FALLOWATER SQUARE
OFFICE BUILDING**

PREPARED FOR
ABRE Holdings, Inc.
SITUATED ALONG FALLOWATER LANE, SW
ROANOKE COUNTY, VIRGINIA

NO.	DATE	DESCRIPTION
1	4/12/22	REMOVE FIRE LINE & RELATED APPEARANCES
2		
3		
4		
5		

DATE: April 28, 2021
SCALE: 1"=20'(H), 1"=10'(V)
COMMISSION NO: 20-339

SHEET 6 OF 13