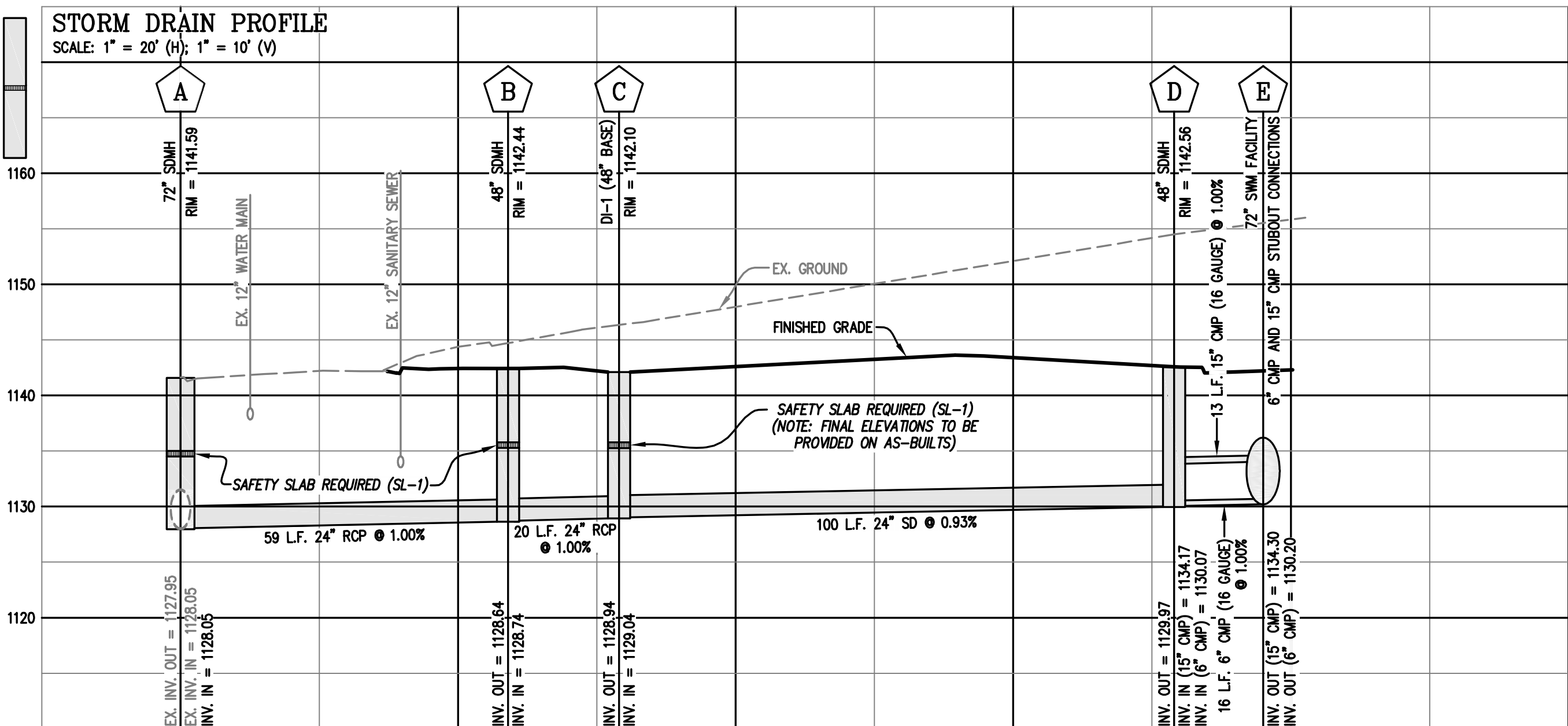
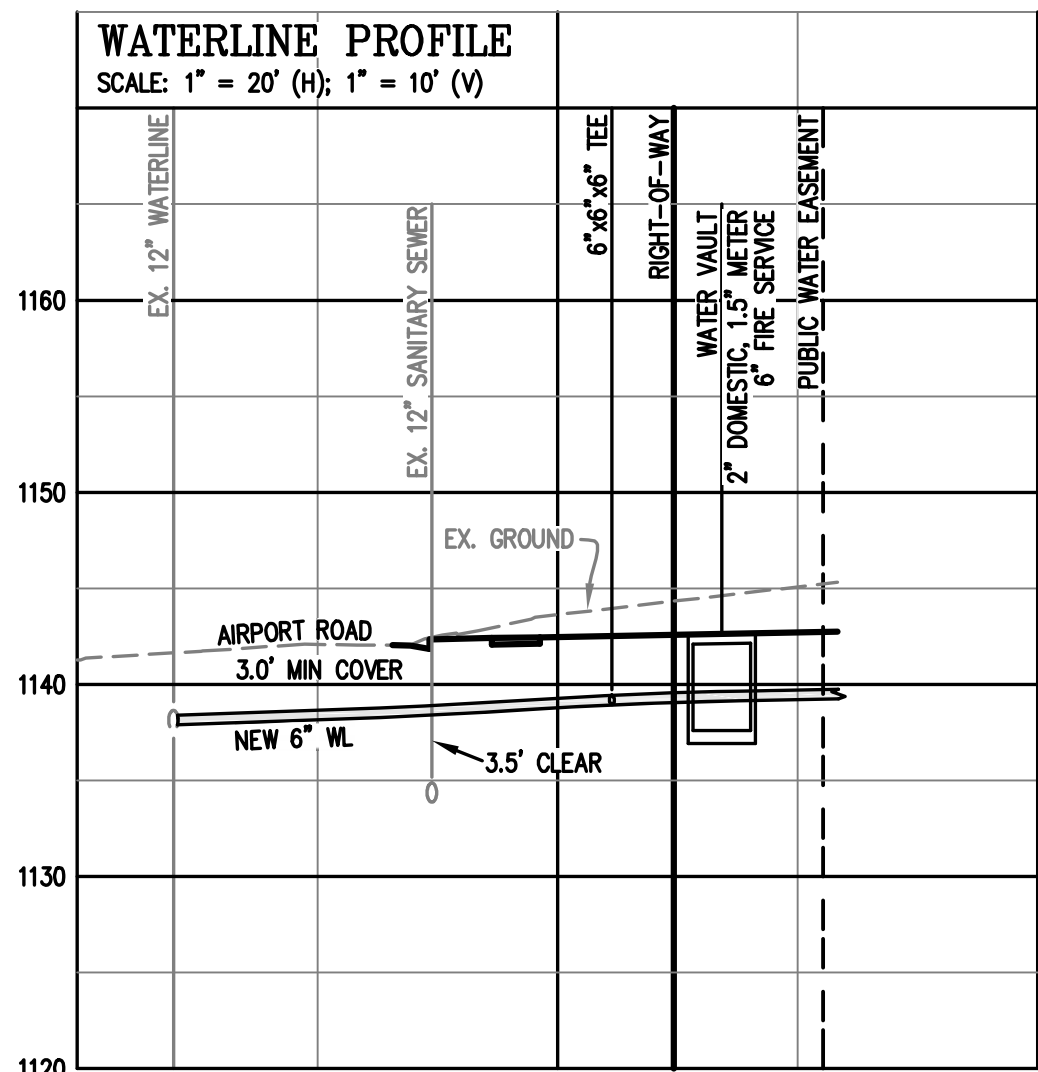
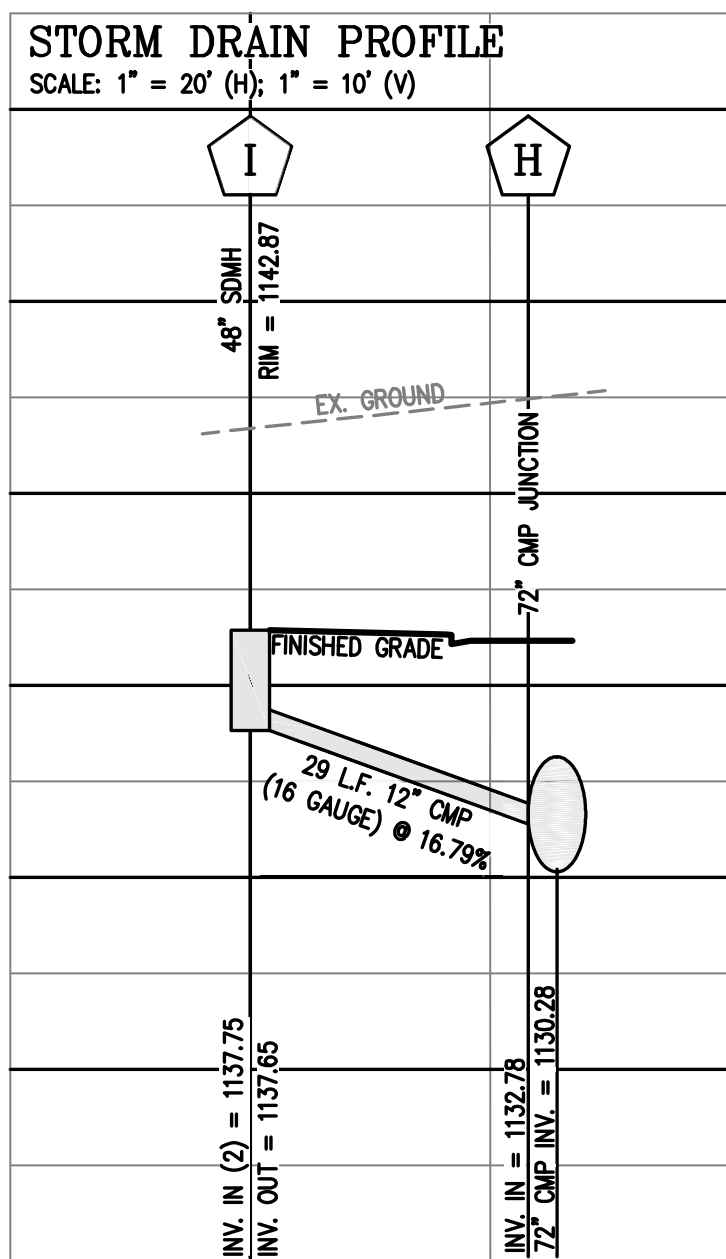
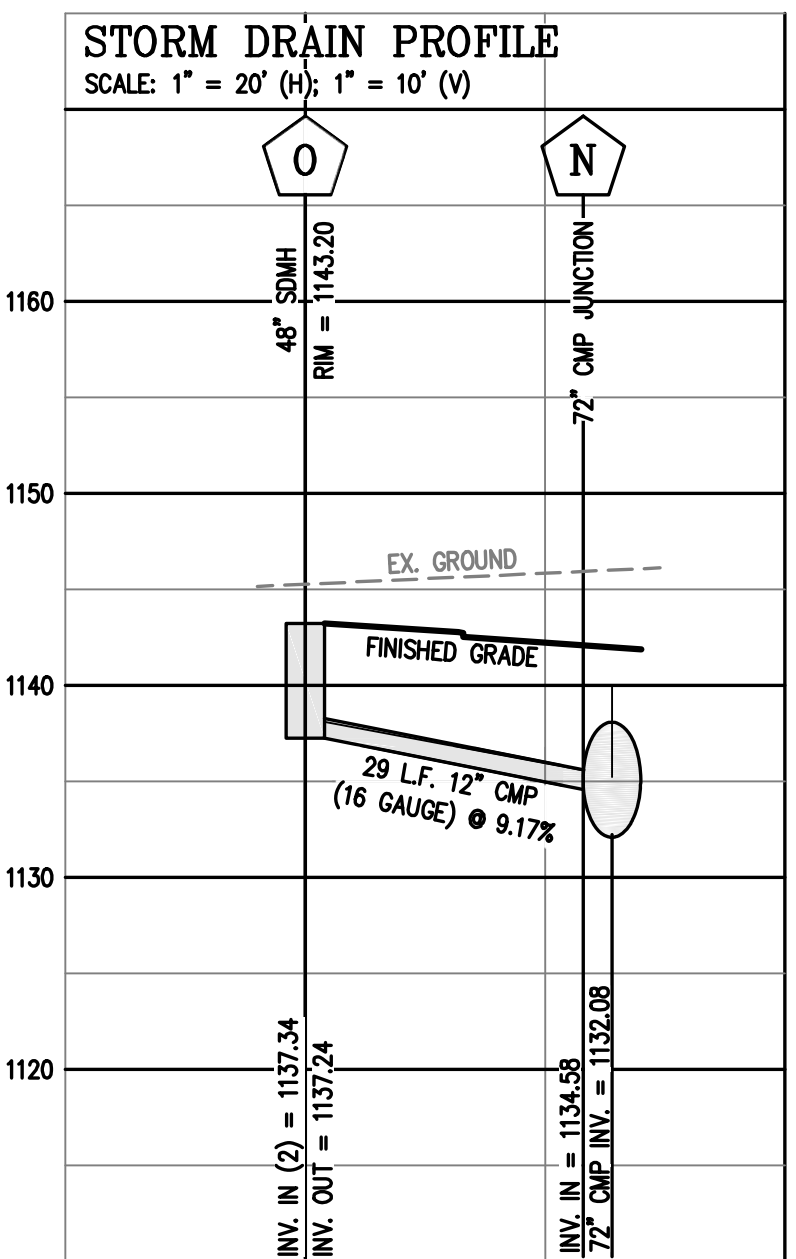
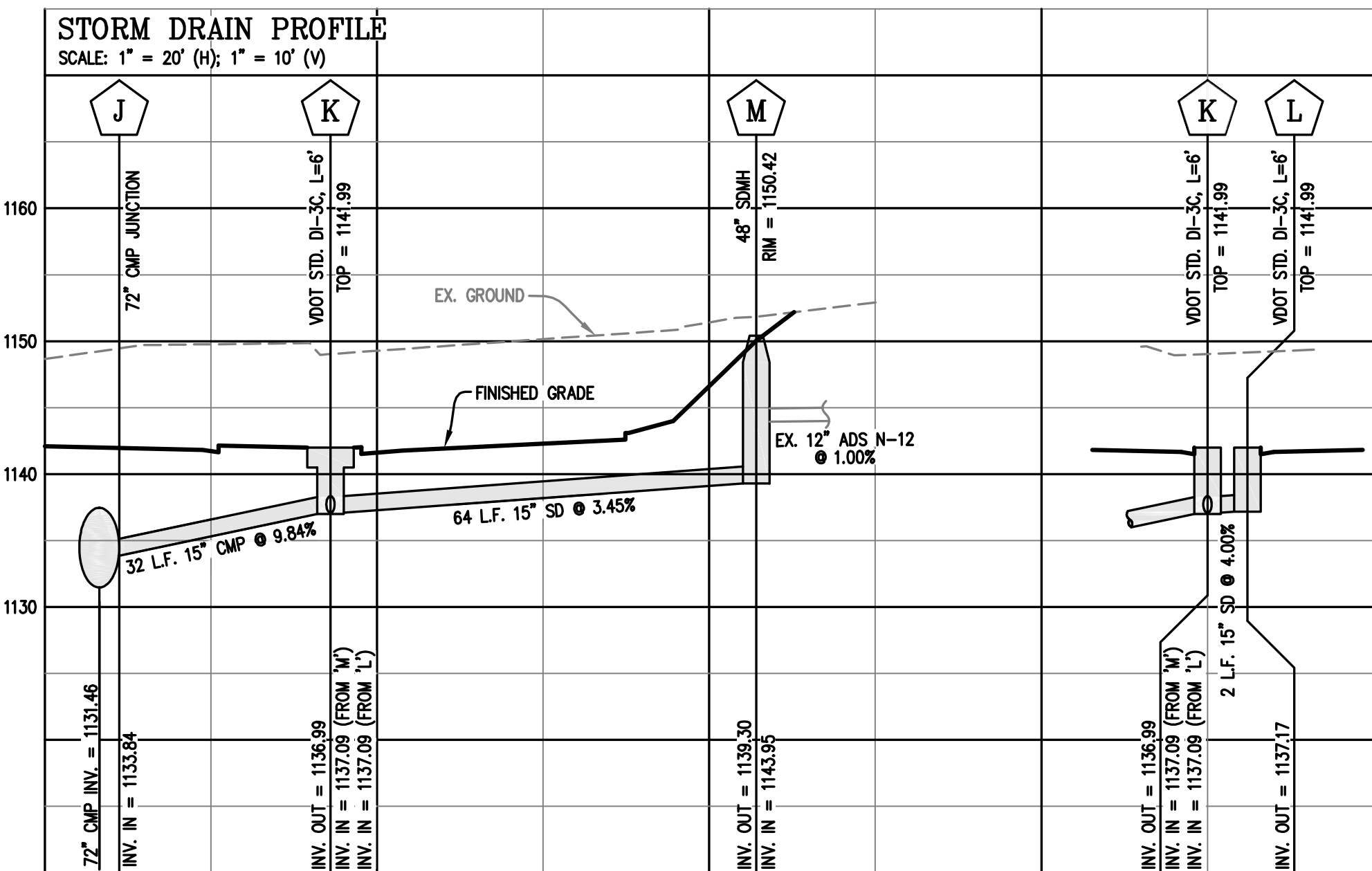
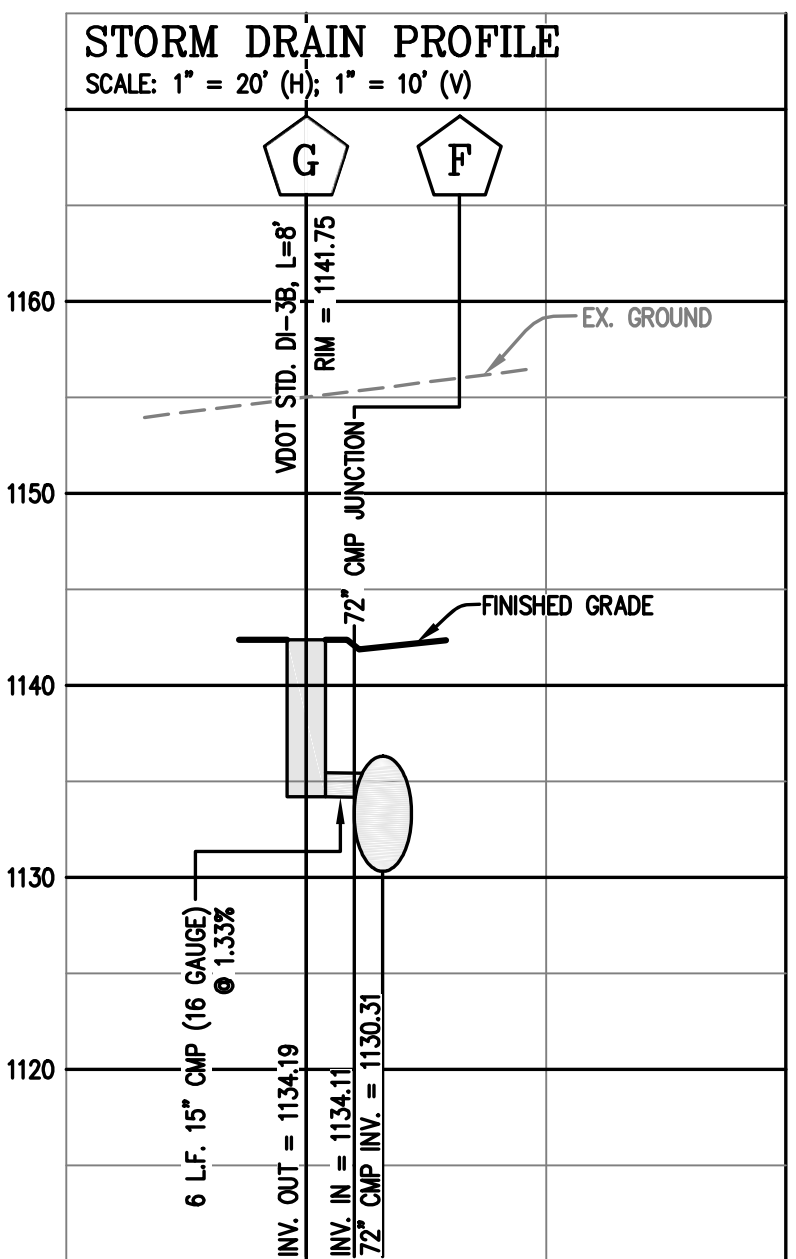


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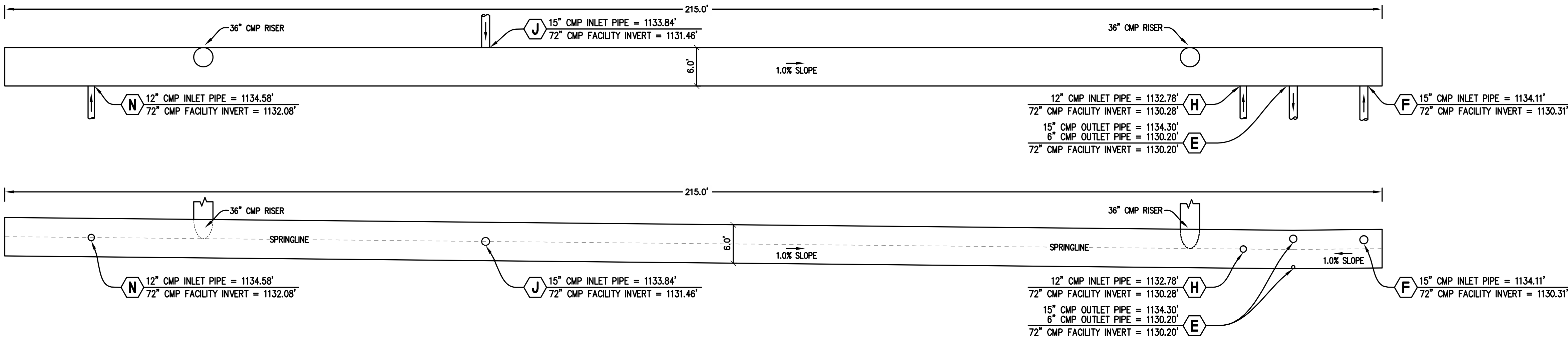


UTILITY NOTES:

- ALL WATER AND SANITARY SEWER FACILITIES ARE TO BE INSTALLED ACCORDING TO THE WESTERN VIRGINIA WATER AUTHORITY DESIGN AND CONSTRUCTION STANDARDS.
- ALL SANITARY SEWER CLEANOUTS WITHIN PAVEMENT SHALL BE H-20 TRAFFIC RATED.
- ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH VDOT'S ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS.
- ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
- 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.
- SANITARY SEWER LATERAL PIPE MATERIAL SHALL BE, PVC SDR-26.
- NEW WATERLINE MAIN PIPE MATERIAL SHALL BE C900 PVC DR14 WATERLINES, UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
- ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH VDOT STANDARDS.
- ALL STORM DRAINAGE PIPE NOT SPECIFIED SHALL BE RCP CLASS III, ADS N-12 HDPE, ADS DUAL WALL HP STORM PIPE, OR APPROVED EQUAL. INSTALLATION OF STORM DRAINAGE PIPES SHALL BE PER VDOT STANDARDS AND/OR MANUFACTURER RECOMMENDATIONS.
- ALL NEW DROP INLETS AND STORM DRAIN MANHOLES SHALL HAVE VDOT STD. IS-1, INLET SHAPING.
- ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
- SAFETY SLABS (VDOT STD. SL-1) ARE REQUIRED IN ALL NEW DRAINAGE STRUCTURES WITH A DEPTH OF 12.0 FEET OR GREATER. THE SPACING OF THE SLABS SHOULD BE 8 TO 12 FEET WITH NO SAFETY SLAB LOCATED WITHIN 6 FEET FROM THE TOP OR BOTTOM OF THE STRUCTURE.
- THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE WESTERN VIRGINIA WATER AUTHORITY IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION. PLEASE CONTACT NICK ROBERTSON AT (540) 283-2932.
- ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE WESTERN VIRGINIA WATER AUTHORITY.
- ALL WATER & SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
- THE CONTRACTOR SHALL COMPLY WITH ALL WVWA AND ROANOKE COUNTY AS-BUILT REQUIREMENTS.



72" CMP UNDERGROUND DETENTION FACILITY - PLAN VIEW



72" CMP UNDERGROUND DETENTION FACILITY - PROFILE VIEW

MATERIALS:
ALL CMP SHALL BE ALUMINIZED STEEL, TYPE II.
72" PIPE SHALL BE 12 GAUGE.
CMP BANDS SHALL BE A MINIMUM 2" WIDE, AND
ALL FITTINGS TO BE REINFORCED PER ASTM 998.

STORMWATER DETENTION FACILITY
SCHEMATIC DETAIL

DETAIL SCALE: 1" = 10'

City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN
APPROVED
by Aaron Cypher 11/22/2022

Lumsden Associates, P.C.
ENGINEERS | SURVEYORS | PLANNERS

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P.O. BOX 20669
ROANOKE, VIRGINIA 24018

PHONE: (540) 774-4411
FAX: (540) 772-9445
WWW.LUMSDENPC.COM

HOWARD P. BOGGESS, II
Lic. No. 000920
10/12/22
LANDSCAPE ARCHITECT

PRELIMINARY SITE PLAN
BLUE RIDGE MEMORIAL GARDENS
LOCATED AT
5721 AIRPORT ROAD, N.W.
TAX PARCEL ID: 06630103
CITY OF ROANOKE, VIRGINIA

REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

DATE: October 12, 2022
SCALE: 1"=20'(H); 1"=10'(V)
COMMISSION NO: 21-009
SHEET 6 OF 12