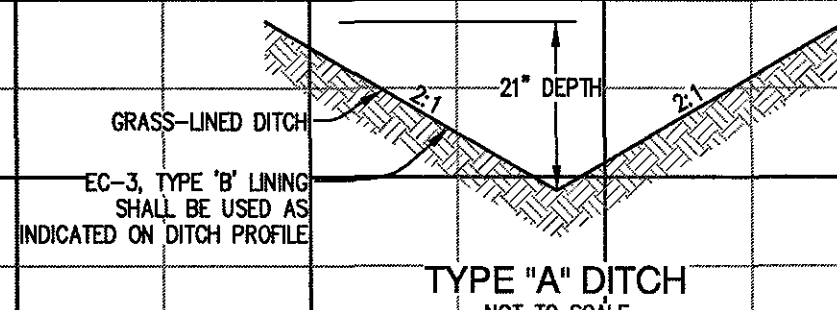
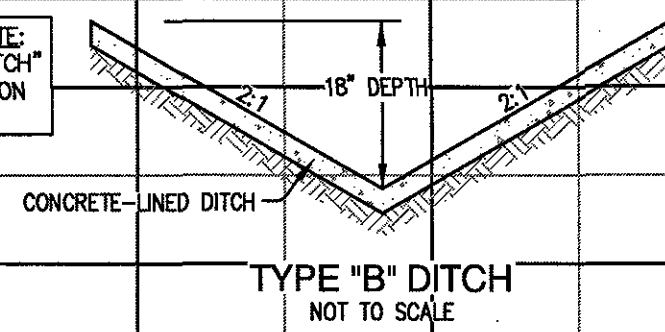
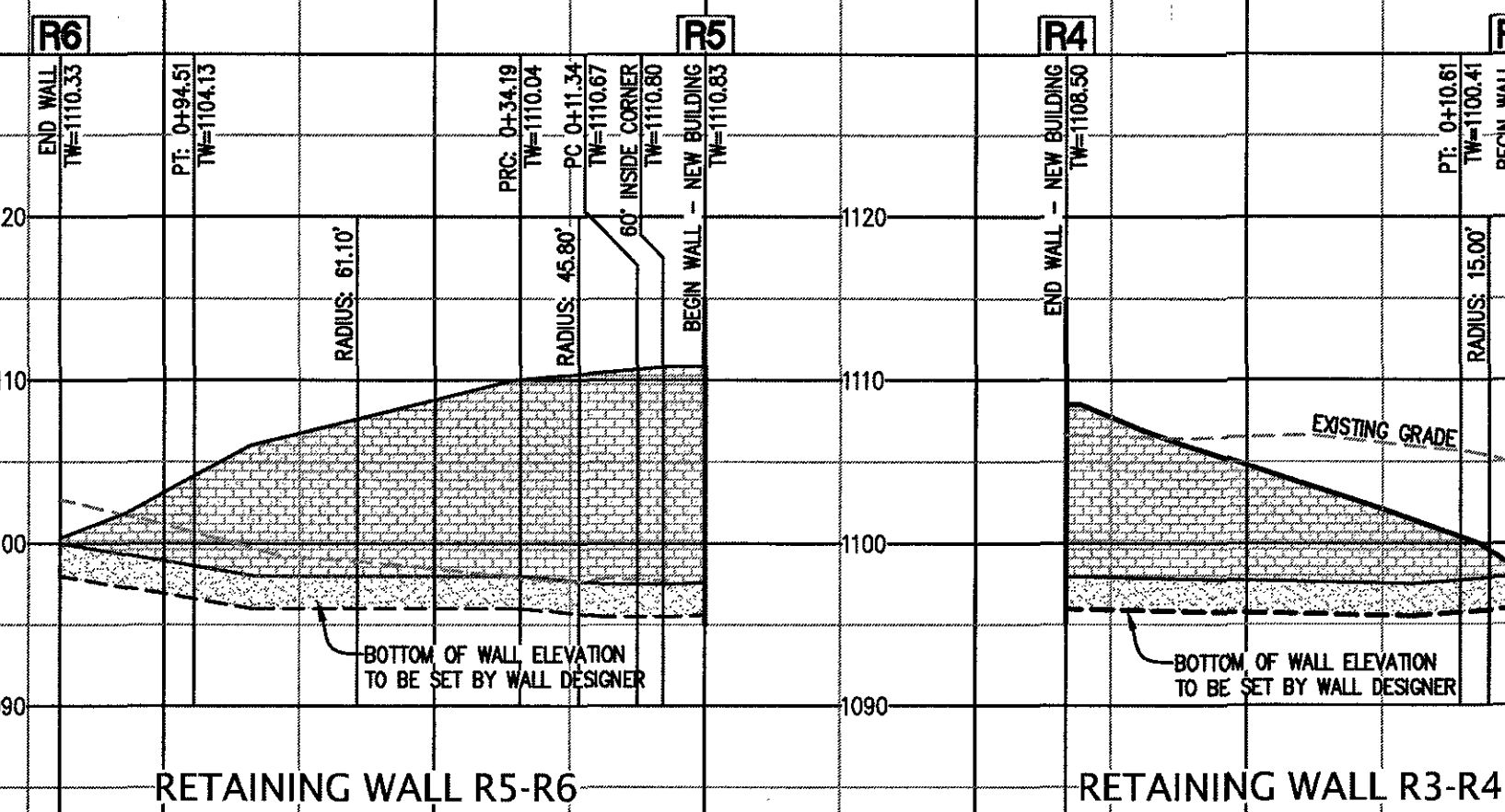


FIELD REVISION No. 1 NOTE:
DUPLICATE "TYPE 'B' DITCH"
DETAIL IS ALSO FOUND ON
SHEET 9, THIS SET.



WATER & SEWER NOTES:

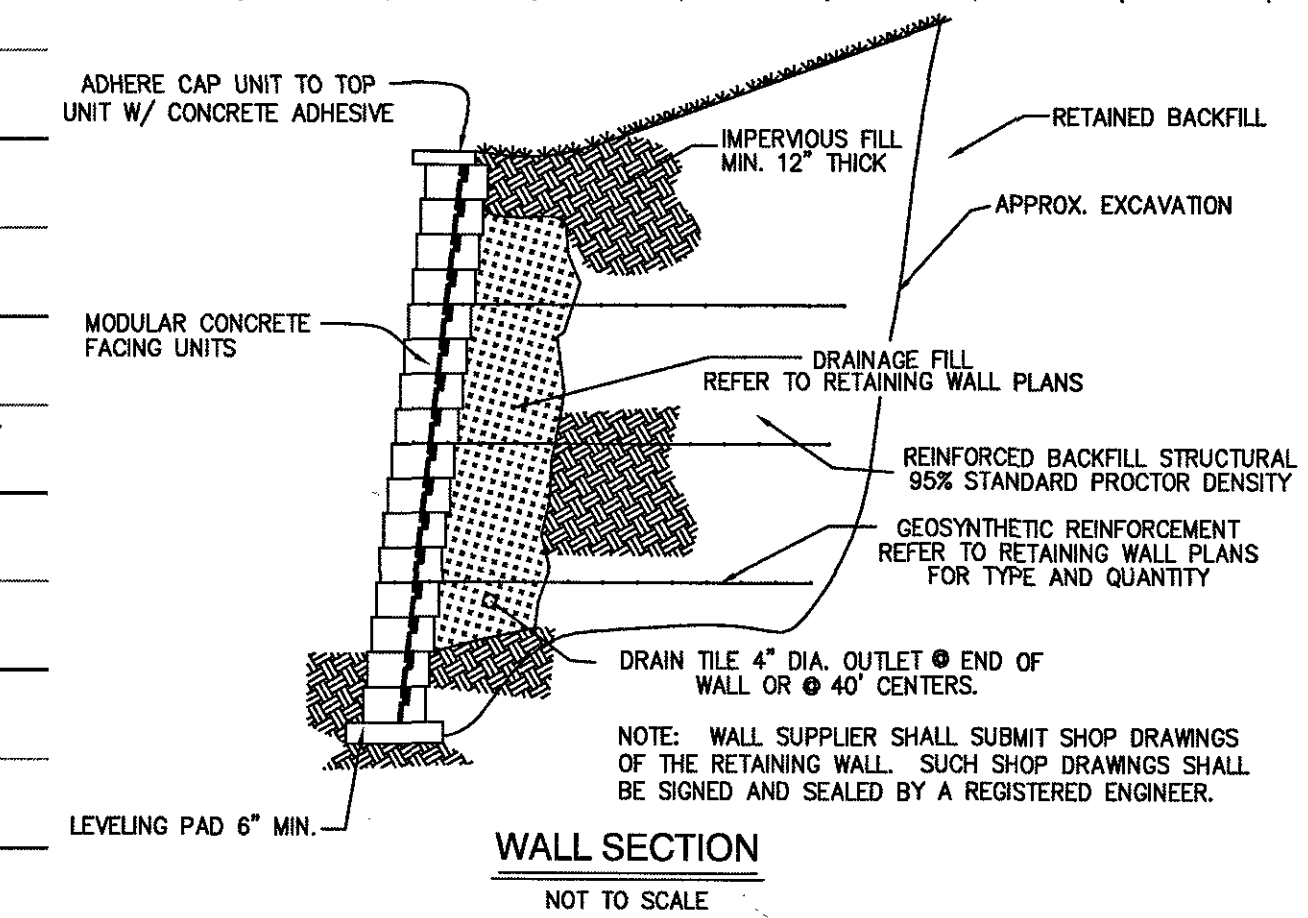
- ALL WATER AND SANITARY SEWER LINES SHALL HAVE A MINIMUM OF 3.0 FEET OF COVER.
- MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER AND STORM DRAIN CROSSINGS. WHERE THIS CLEARANCE CANNOT BE ACHIEVED, CONCRETE PIERS SHALL BE UTILIZED IN ACCORDANCE WITH THE STANDARDS OF THE WESTERN VIRGINIA WATER AUTHORITY.
- SANITARY SEWER MAIN PIPE MATERIAL SHALL BE PVC, SDR-35, EXCEPT WHERE NOTED, OR APPROVED EQUAL.
- CONNECTION TO EXISTING SANITARY SEWER MANHOLE SHALL BE BY MEANS OF A CORE DRILL WITH NEW RUBBER BOOT INSTALLED. A WESTERN VIRGINIA WATER AUTHORITY INSPECTOR MUST BE ON-SITE DURING CONNECTION. 48 HOUR NOTICE REQUIRED.
- NEW WATERLINE MAIN PIPE MATERIAL SHALL BE C900 PVC DR14, UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
- WATER METER SIZES SHALL BE 4" DOMESTIC AND 6" FIRE.



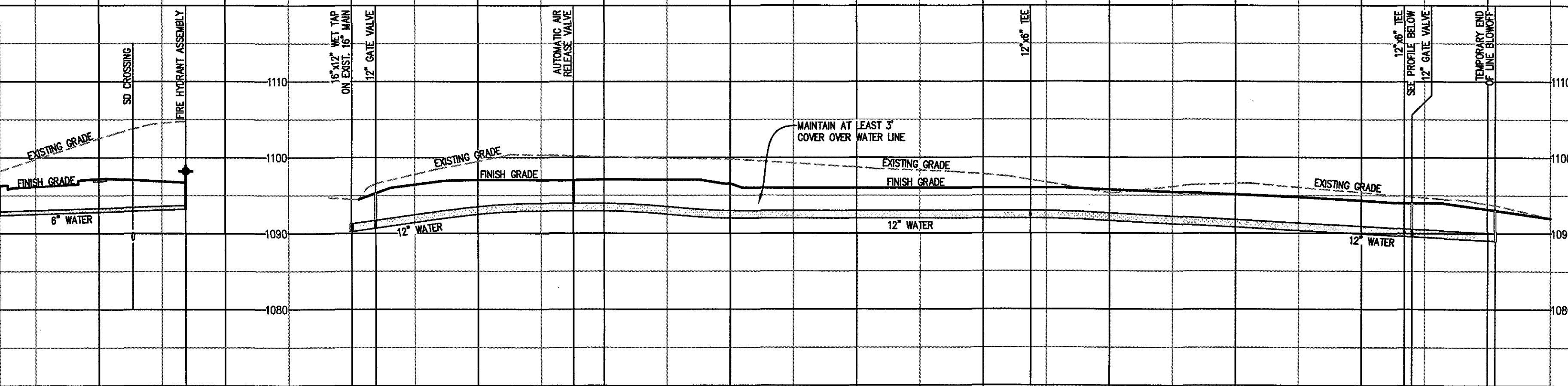
RETAINING WALL NOTES:

- 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.
- 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.
- ALL RETAINING WALLS OVER 2' IN HEIGHT MUST BE APPROVED AND PERMITTED BY THE CITY OF ROANOKE.
- ALL RETAINING WALLS 4 FEET OR GREATER IN HEIGHT MUST BE DESIGNED BY A PROFESSIONAL ENGINEER.

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.



12" PUBLIC WATER LINE PROFILES



6" PUBLIC/PRIVATE WATER LINE PROFILE

