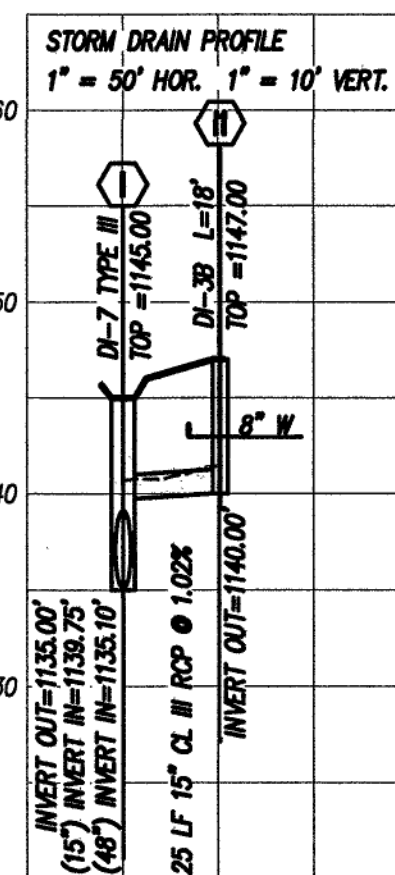
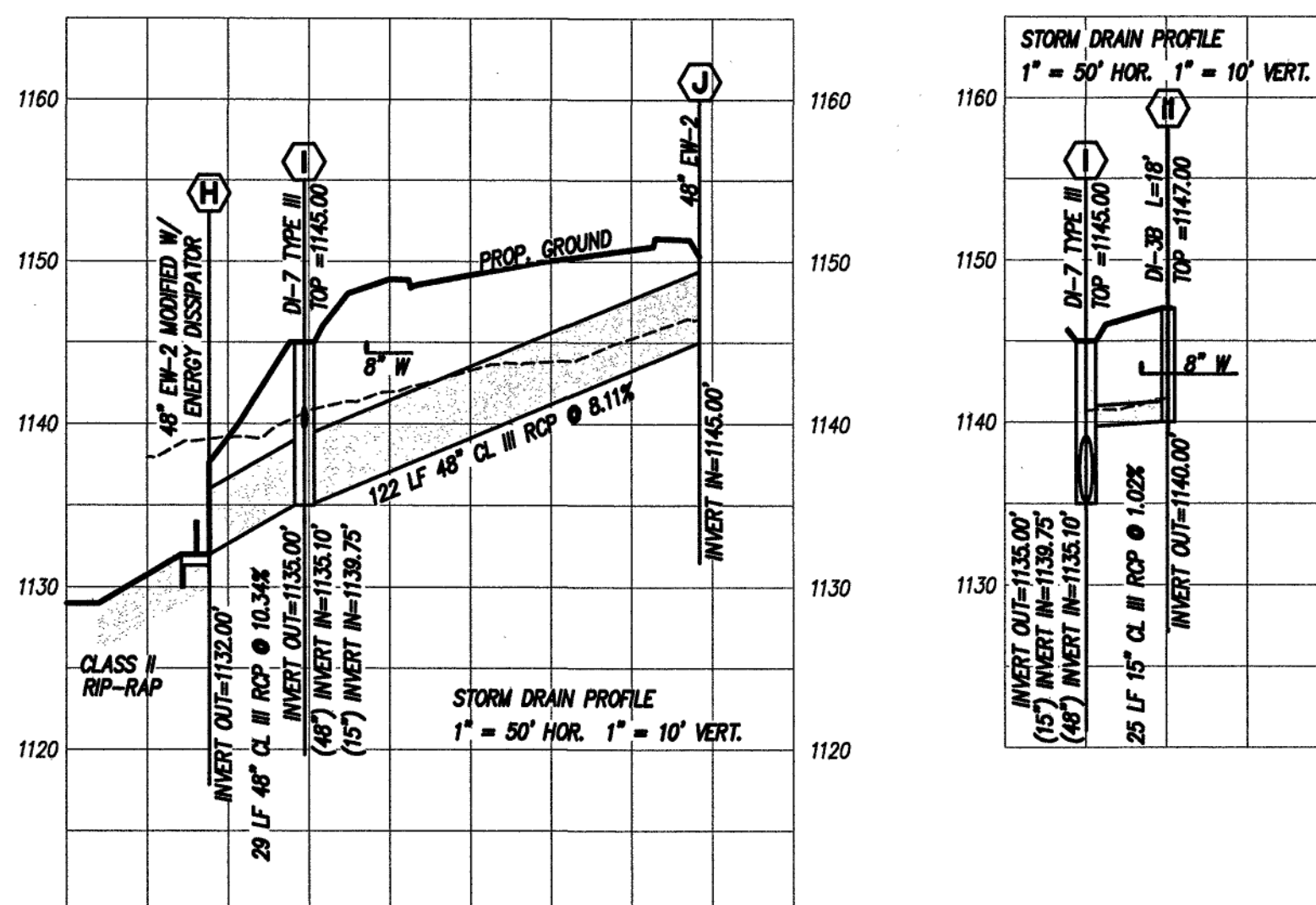
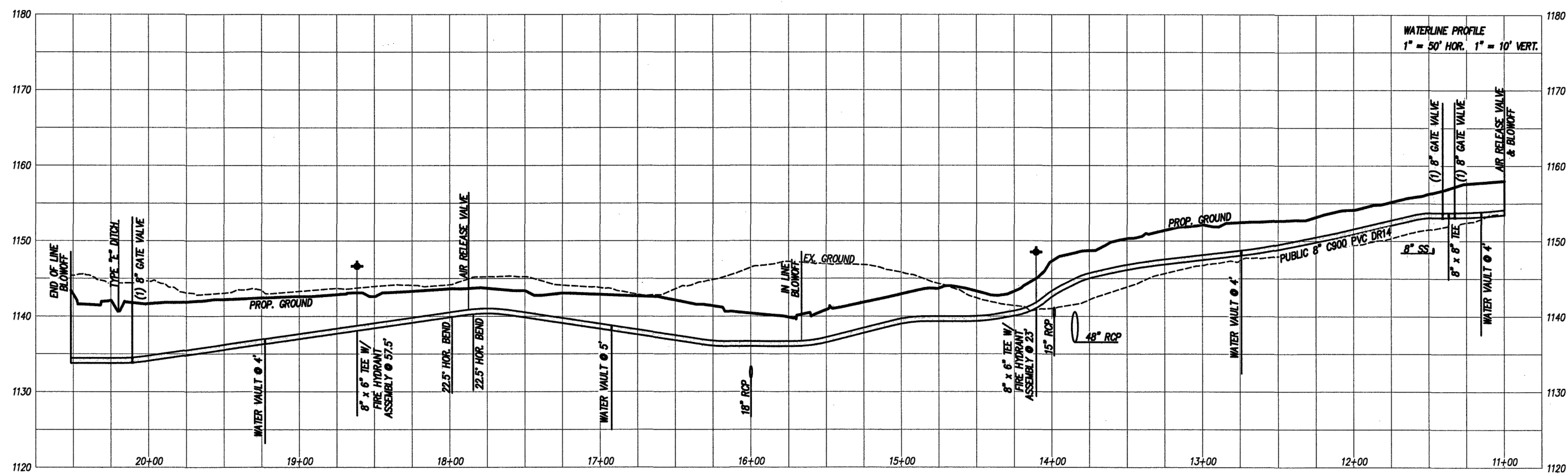
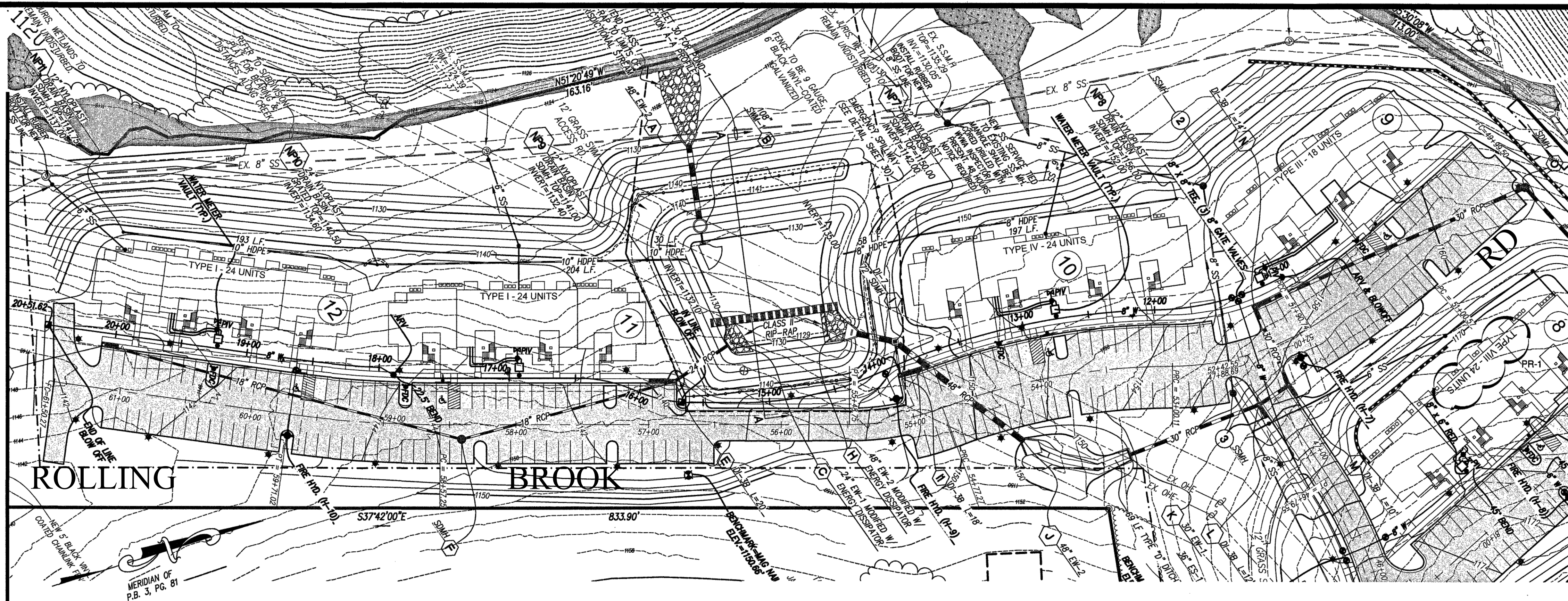
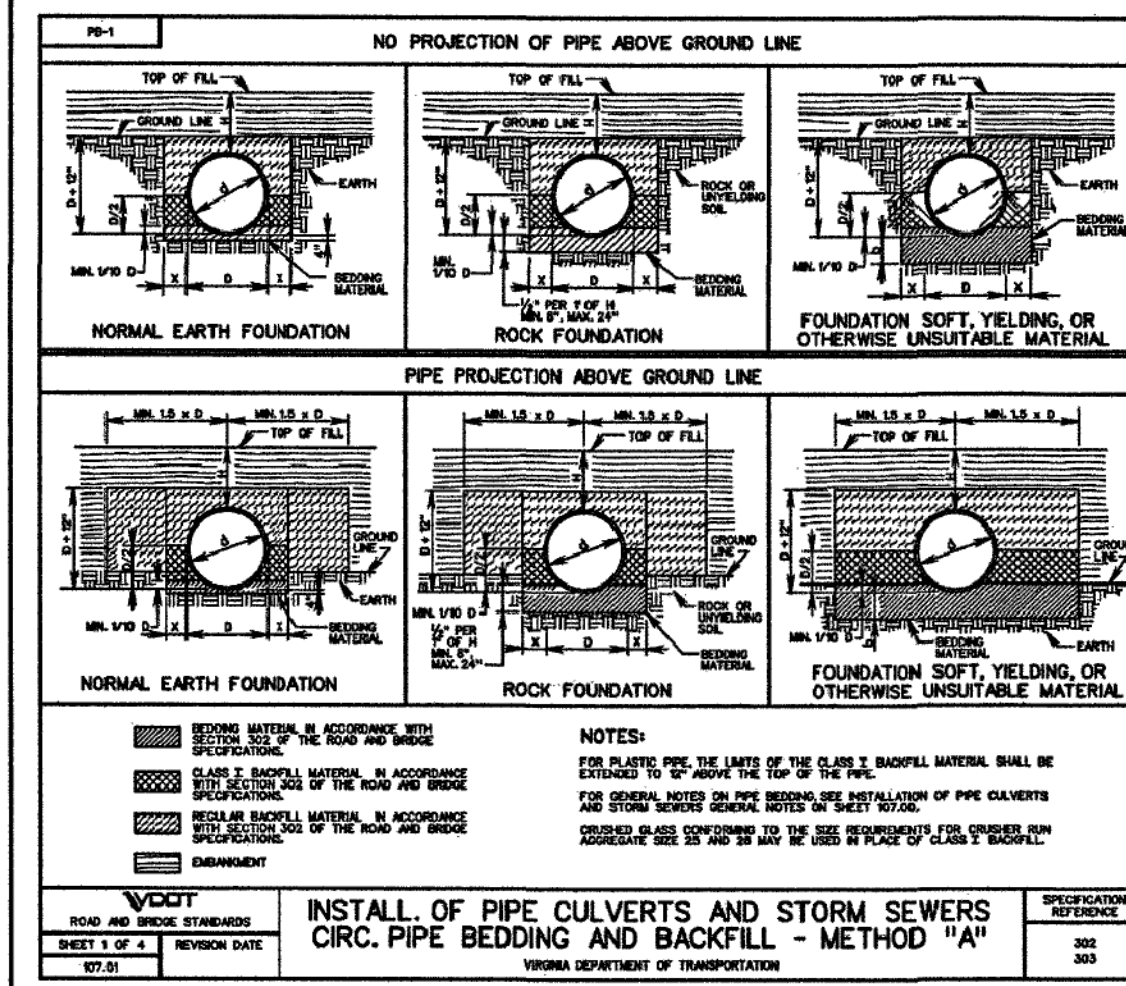


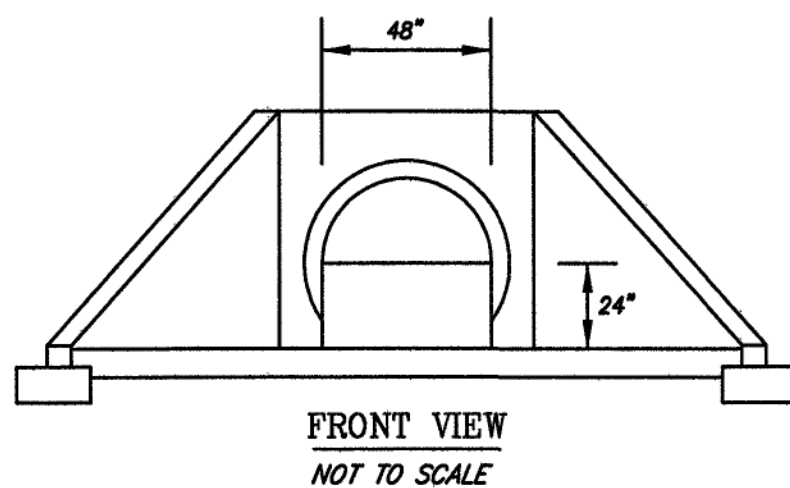
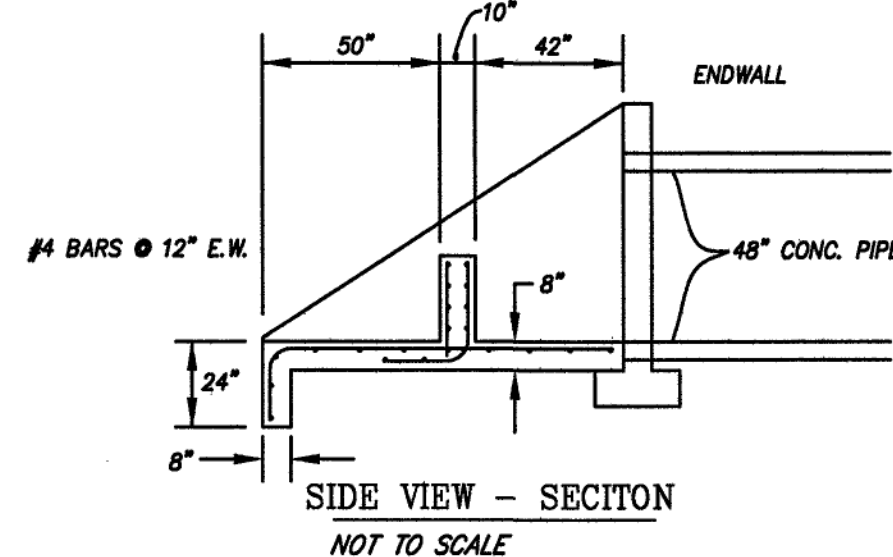
NOTES:

- 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 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 MAIN PIPE MATERIAL SHALL BE PVC, SDR-35, EXCEPT AS NOTED, OR APPROVED EQUAL.
- NEW OFF-SITE WATERLINE MAIN PIPE MATERIAL SHALL BE DUCTILE IRON PIPE, CLASS 350 UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
- NEW ON-SITE WATERLINE MAIN PIPE MATERIAL SHALL BE C900 PVC DRI4, UNLESS OTHERWISE INDICATED, OR APPROVED EQUAL.
- 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 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.



NOTES:

- CONCRETE SHALL BE 3000 PSI MINIMUM STRENGTH.
- REINFORCING STEEL SHALL BE 60,000 PSI MINIMUM STRENGTH.



48" EW-2 WITH ENERGY DISSIPATER
NO SCALE

