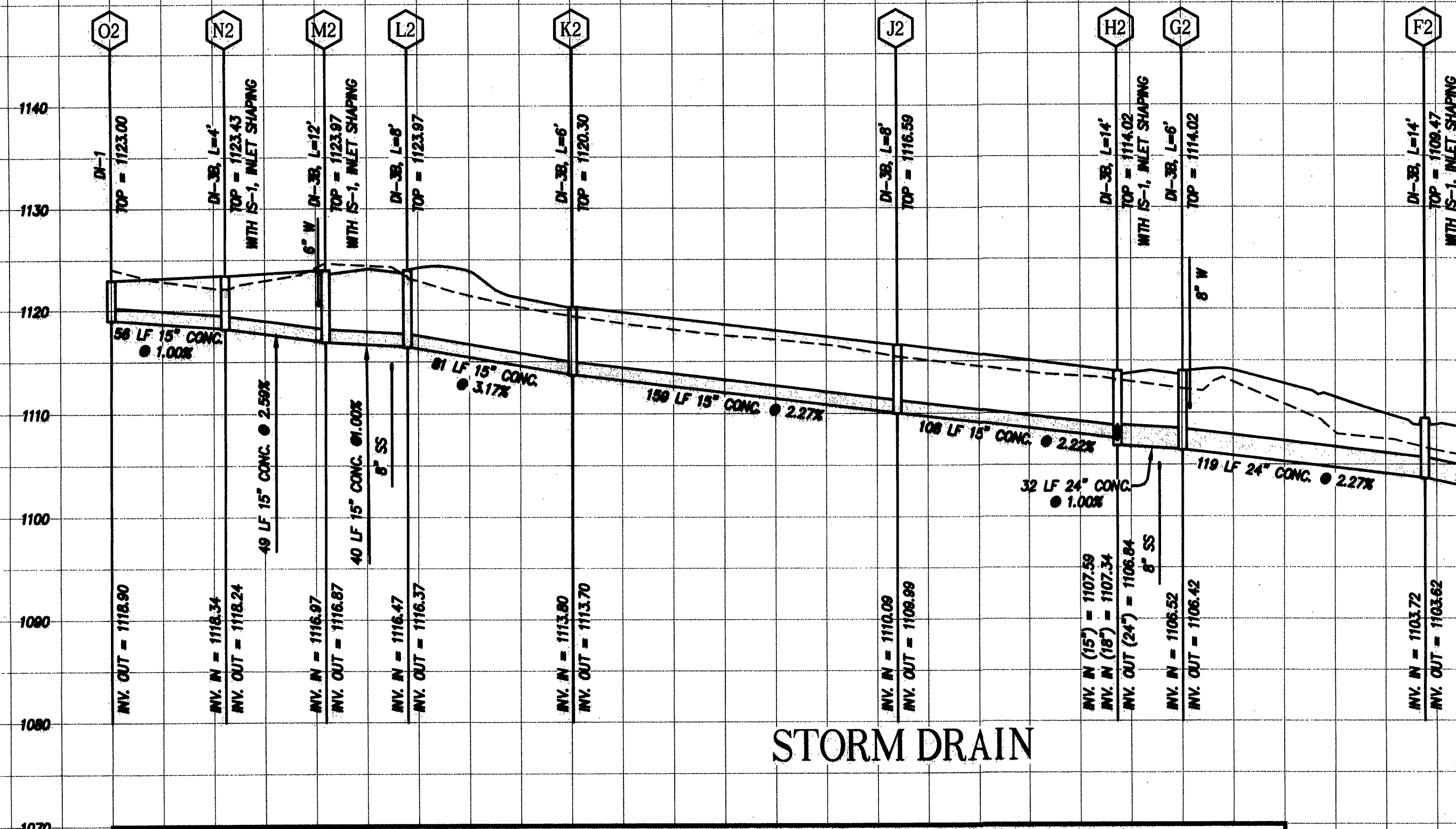
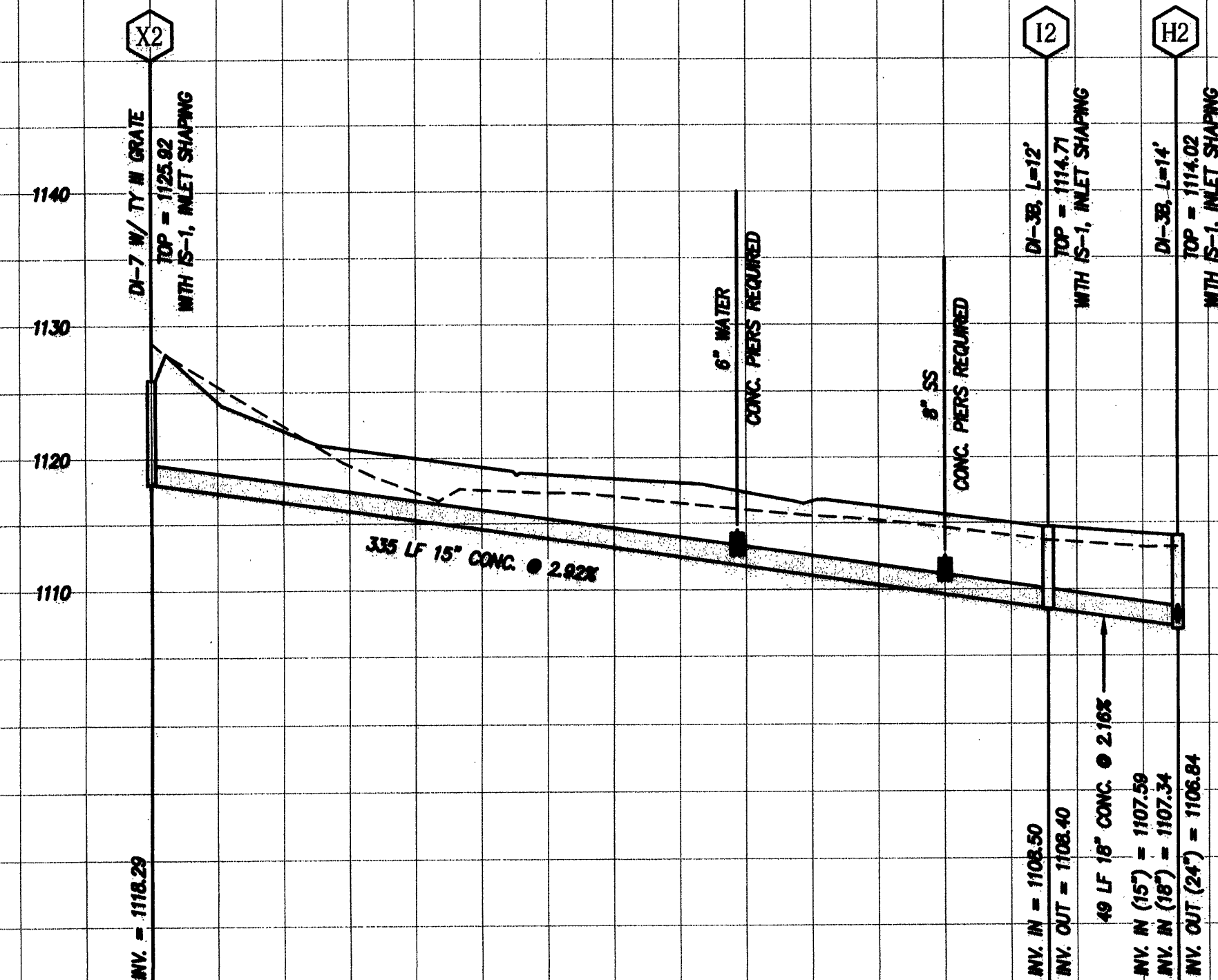




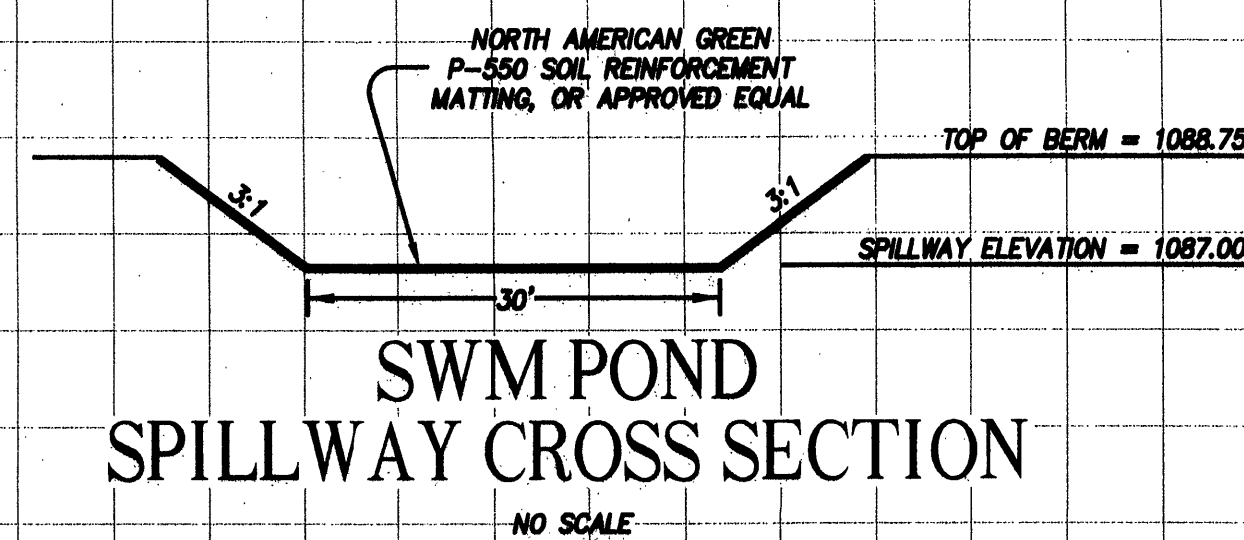
STORM DRAIN

NOTES:

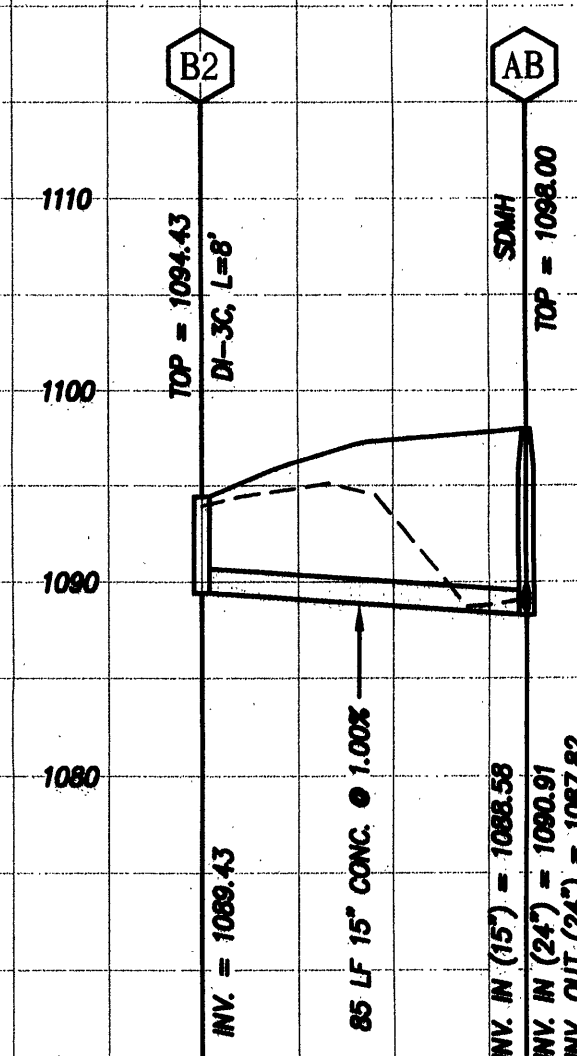
1. ALL WATER AND SANITARY SEWER LINES TO HAVE A MINIMUM OF 3.0 FEET OF COVER.
2. MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS.
3. A WESTERN VIRGINIA WATER AUTHORITY INSPECTOR MUST BE ON SITE DURING INSTALLATION OF NEW MANHOLES AT, OR CONNECTIONS TO, THE IN AT EXISTING SANITARY SEWER LINES.
4. SANITARY SEWER LINE SHALL BE PVC, SDR-35 UNLESS OTHERWISE NOTED.
5. WATER LINE SHALL BE C900, DR-14 UNLESS OTHERWISE NOTED.
6. WATER LINE JOINTS SHALL BE MECHANICALLY RESTRAINED WHERE WATER LINE GRADE EXCEEDS 10%.
7. SANITARY SEWER CONNECTION TO EXISTING MANHOLE(S) SHALL BE EXCAVATED BY THE CONTRACTOR AND CENTERMARKED FOR TAPPING. TAP TO BE PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY AT THE CONTRACTOR'S EXPENSE.
8. ALL DROP INLETS SHALL HAVE IS-1 SHAPING.
9. ALL DRAINAGE STRUCTURES DEEPER THAN 4.0 FEET SHALL HAVE STEPS (VDOT STD. ST-1) INSTALLED.
10. 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.



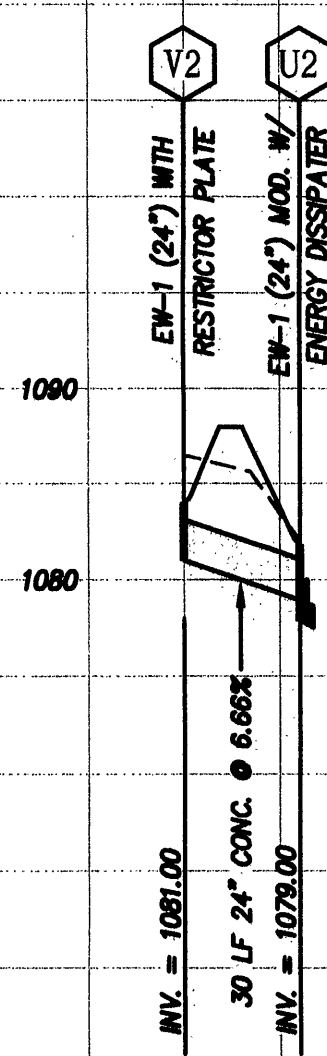
STORM DRAIN



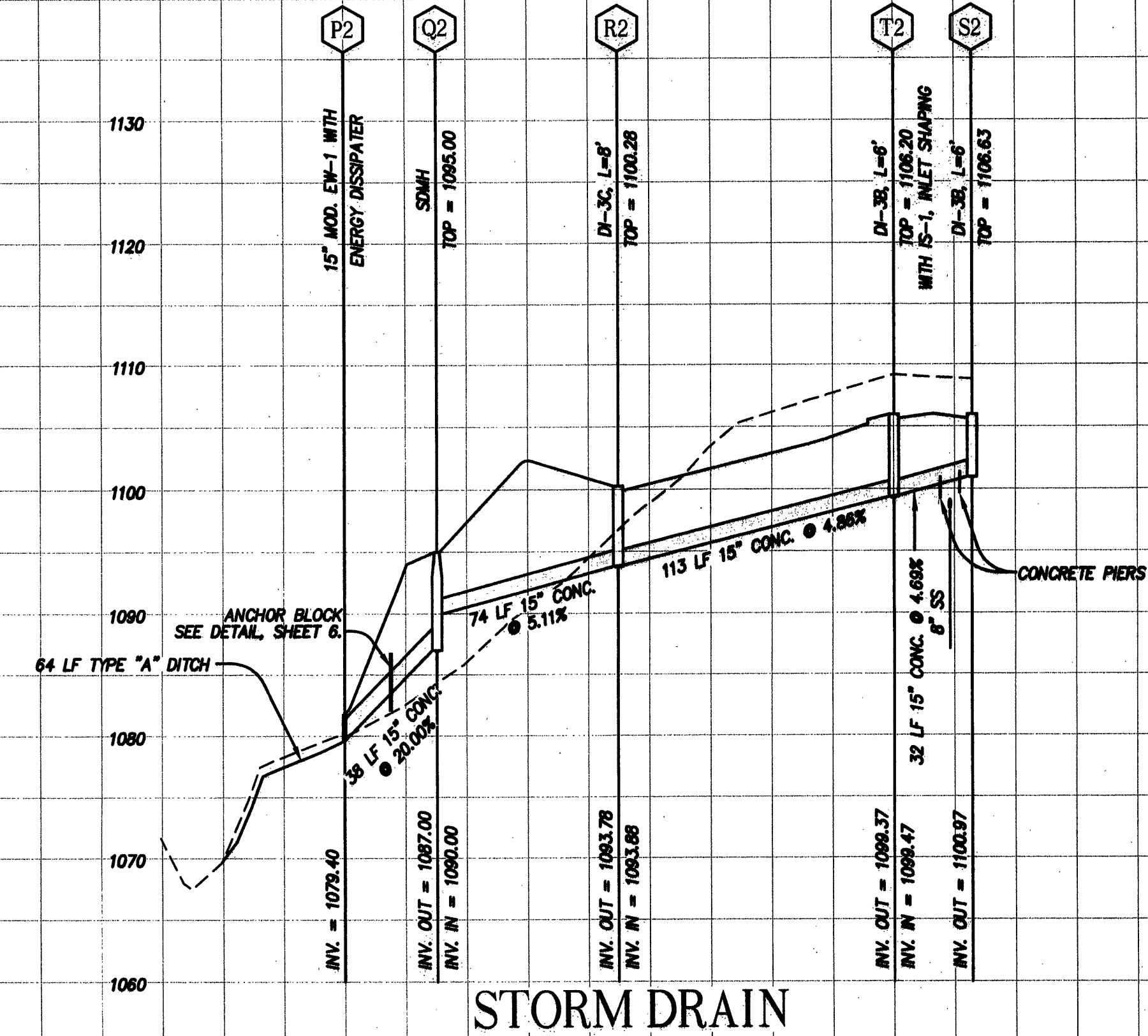
SWM POND
SPILLWAY CROSS SECTION



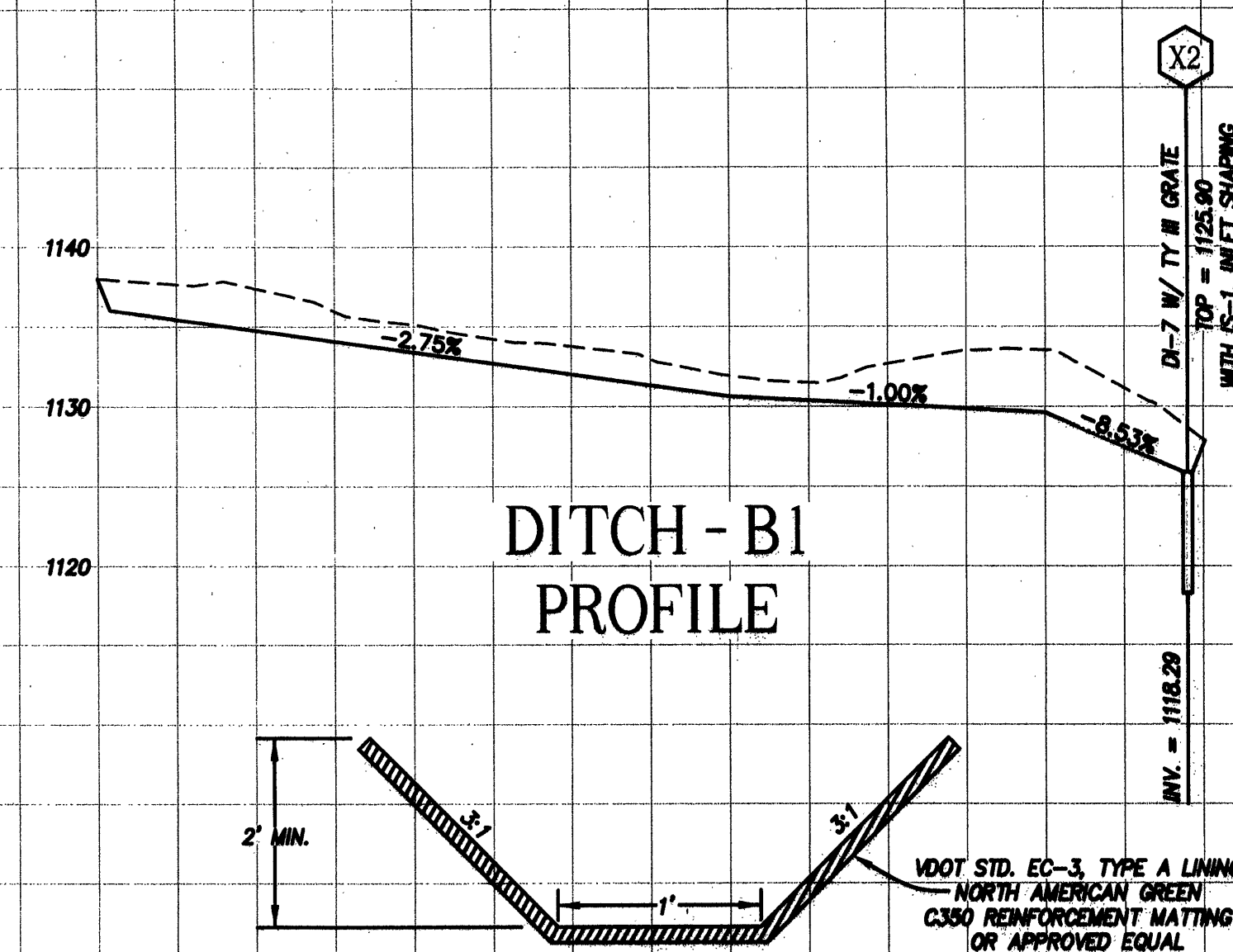
STORM DRAIN



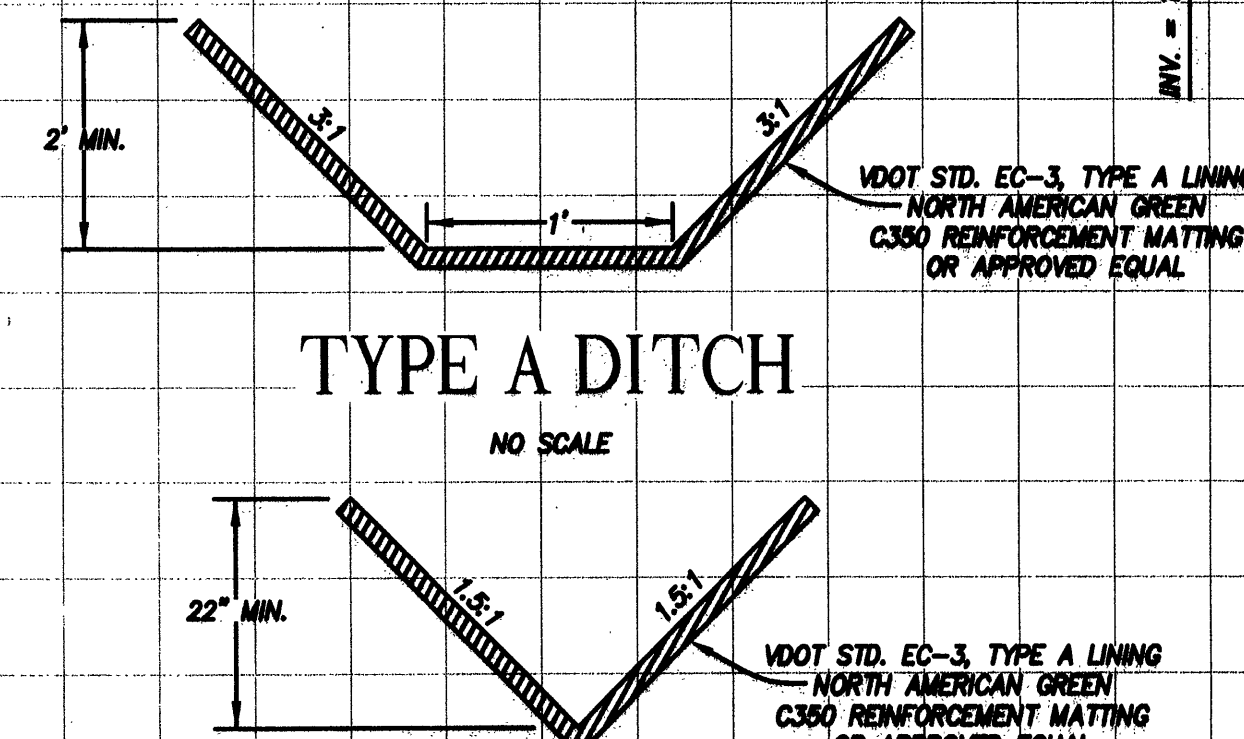
SWM POND
OUTLET PIPE



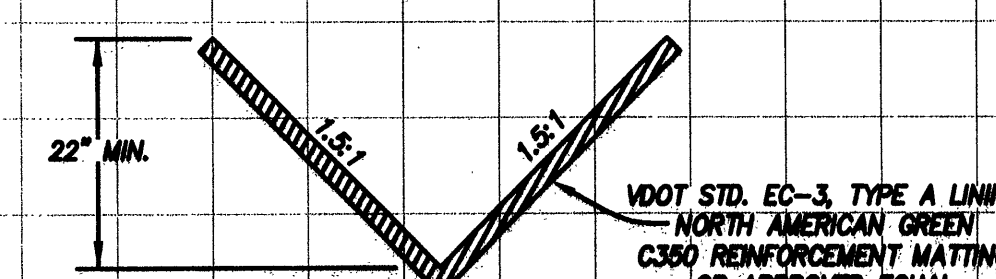
STORM DRAIN



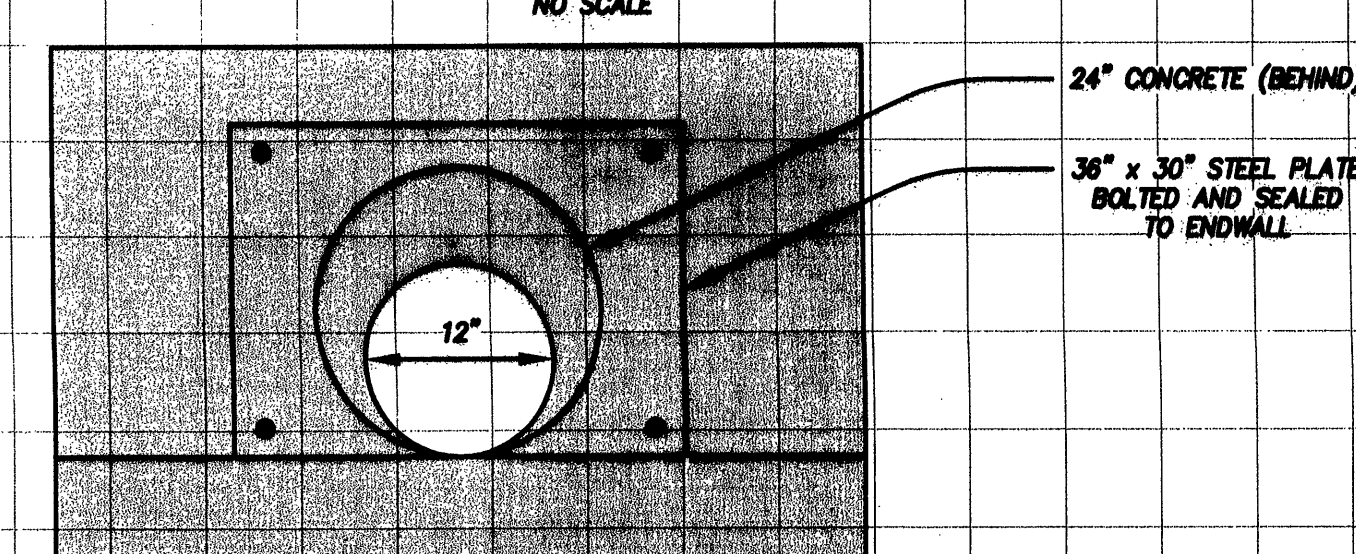
DITCH - B1
PROFILE



TYPE A DITCH



TYPE B DITCH



EW-1 WITH RESTRICTOR PLATE