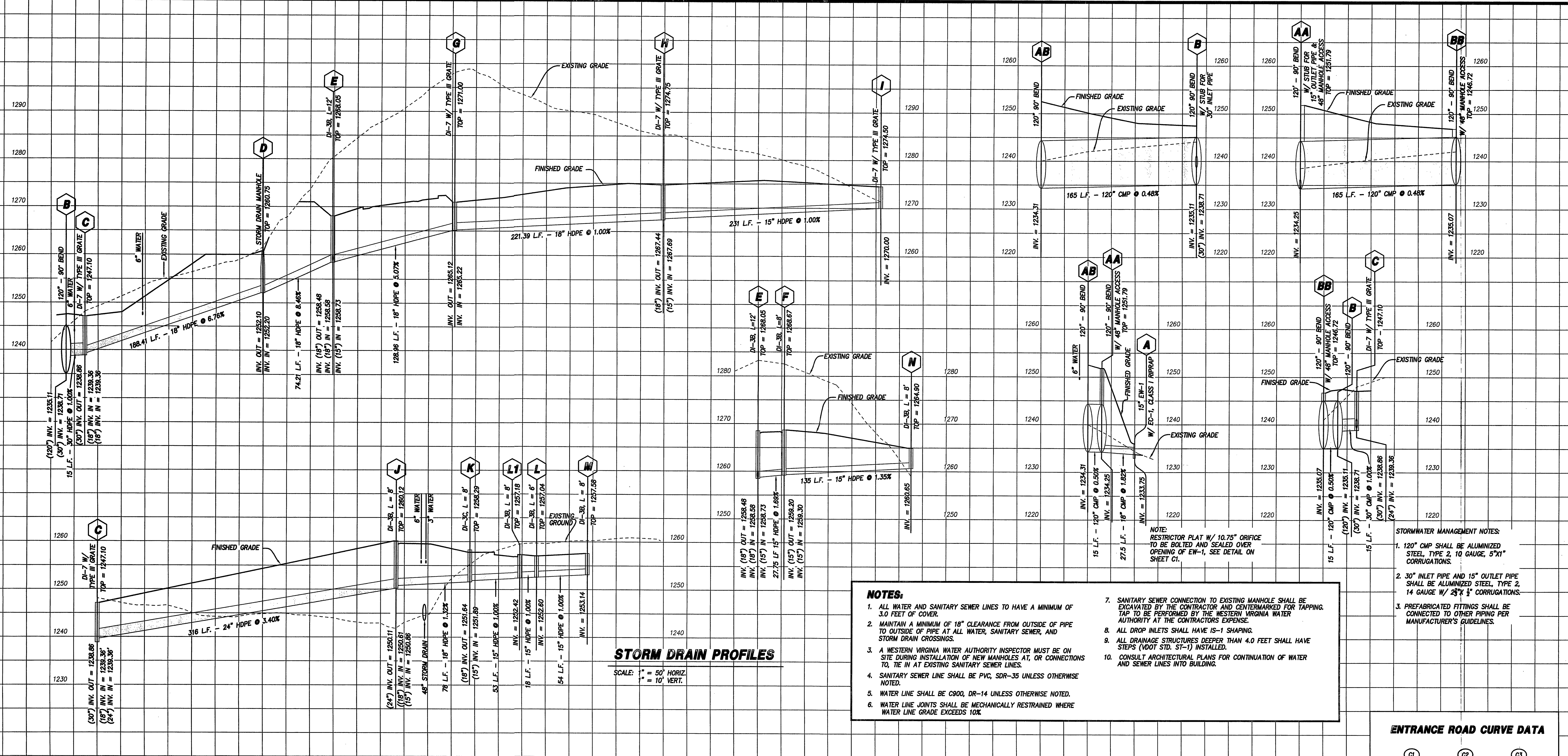




STORM DRAIN PROFILES

SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

NOTES:

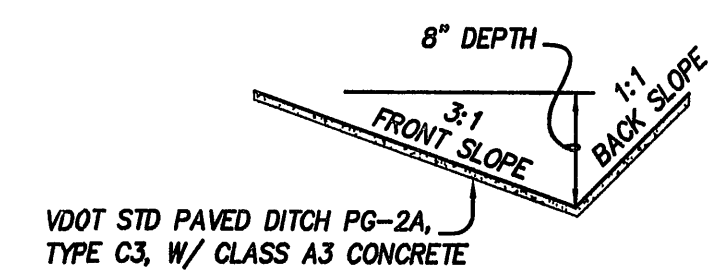
1. ALL WATER AND SANITARY SEWER LINES TO HAVE A MINIMUM OF 3.0 FEET OF COVER.
2. MAINTAIN A MINIMUM OF 18" CLEARANCE FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE AT ALL WATER, SANITARY SEWER, AND STORM DRAIN CROSSINGS.
3. A WESTERN VIRGINIA WATER AUTHORITY INSPECTOR MUST BE ON SITE DURING INSTALLATION OF NEW MANHOLES AT, OR CONNECTIONS TO, 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 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. CONSULT ARCHITECTURAL PLANS FOR CONTINUATION OF WATER AND SEWER LINES INTO BUILDING.

STORMWATER MANAGEMENT NOTES:

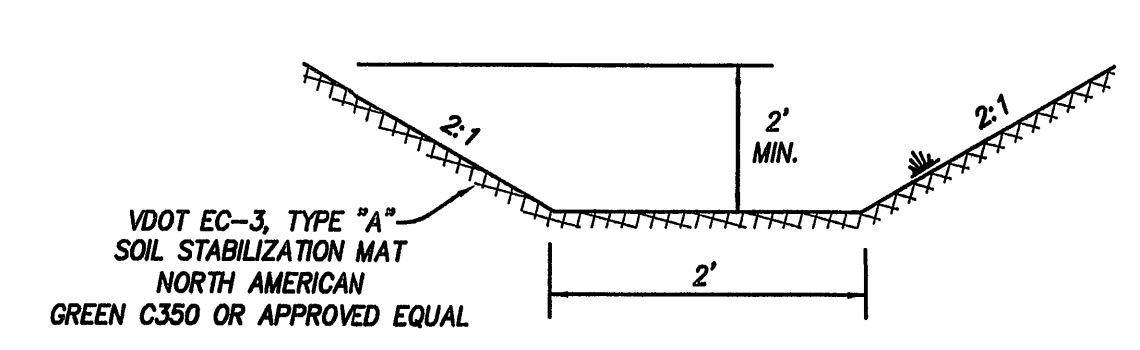
1. 120" CMP SHALL BE ALUMINIZED STEEL, TYPE 2, 10 GAUGE, 5" X 1" CORRUGATIONS.
2. 30" INLET PIPE AND 15" OUTLET PIPE SHALL BE ALUMINIZED STEEL, TYPE 2, 14 GAUGE W/ 2 1/2" X 1/2" CORRUGATIONS.
3. PREFABRICATED FITTINGS SHALL BE CONNECTED TO OTHER PIPING PER MANUFACTURER'S GUIDELINES.

ENTRANCE ROAD CURVE DATA

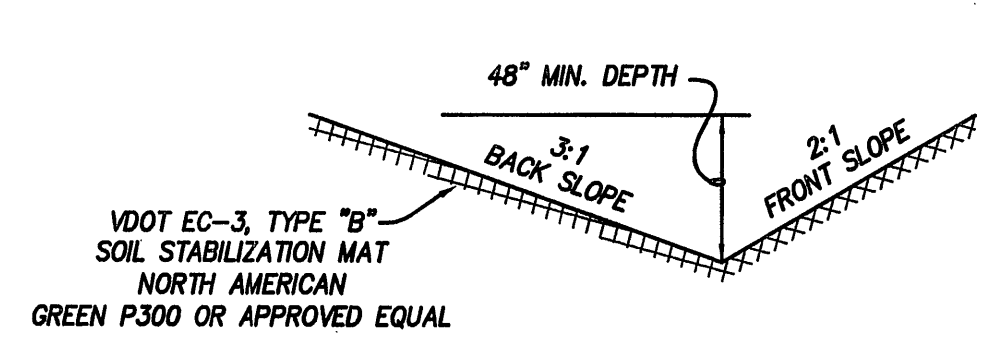
Station	Centerline	Point of Curvature	Point of Tangency	Point of Intersection
C1	6122'36"	6122'36"	6122'36"	6122'36"
C2	6122'36"	6122'36"	6122'36"	6122'36"
C3	6122'36"	6122'36"	6122'36"	6122'36"
C4	6122'36"	6122'36"	6122'36"	6122'36"
C5	6122'36"	6122'36"	6122'36"	6122'36"



TYPE 'A' DITCH



TYPE 'B' DITCH

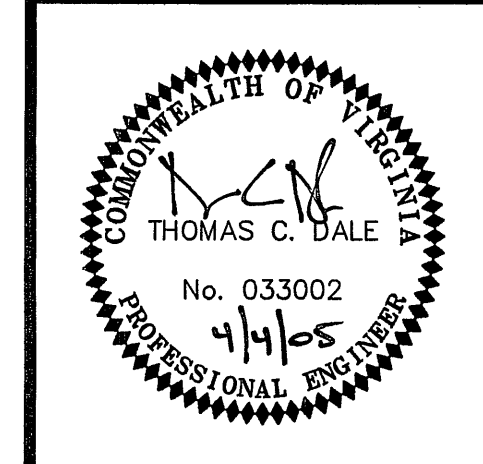


TYPE 'C' DITCH

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STORM DRAIN PROFILES

PROJECT ARCHITECT
COMMISSION NUMBER
03-082

REVISIONS
8 MARCH 2005
DATE
6 JAN. 2005

C8