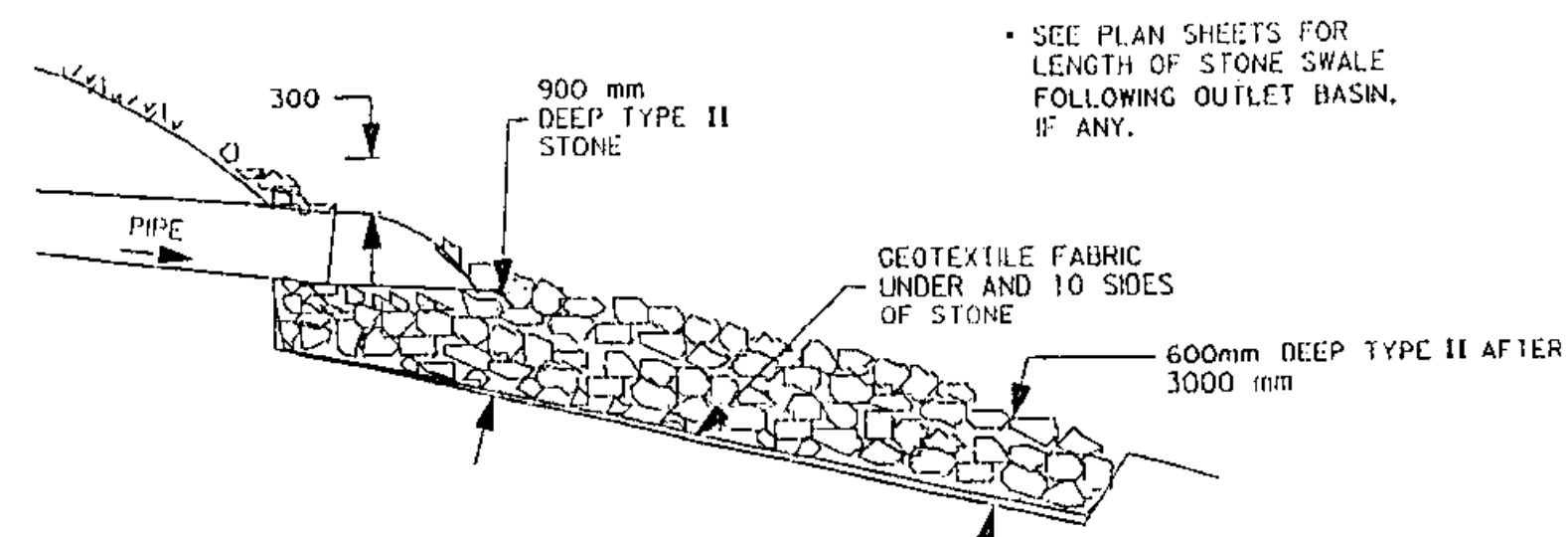


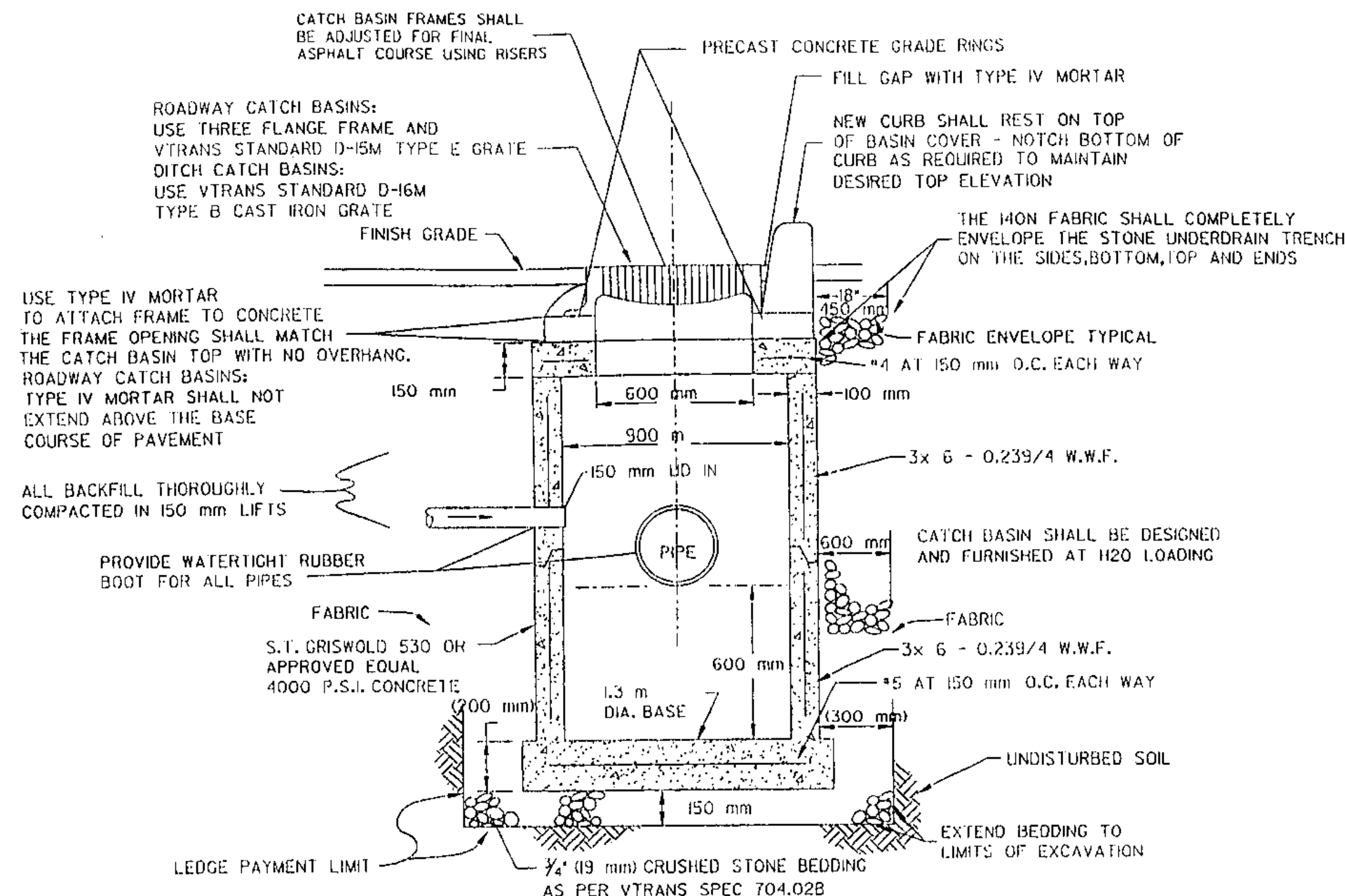
PLAN VIEW

SECTION VIEW



CROSS-SECTION

STONE STORM OUTFALL DETAIL

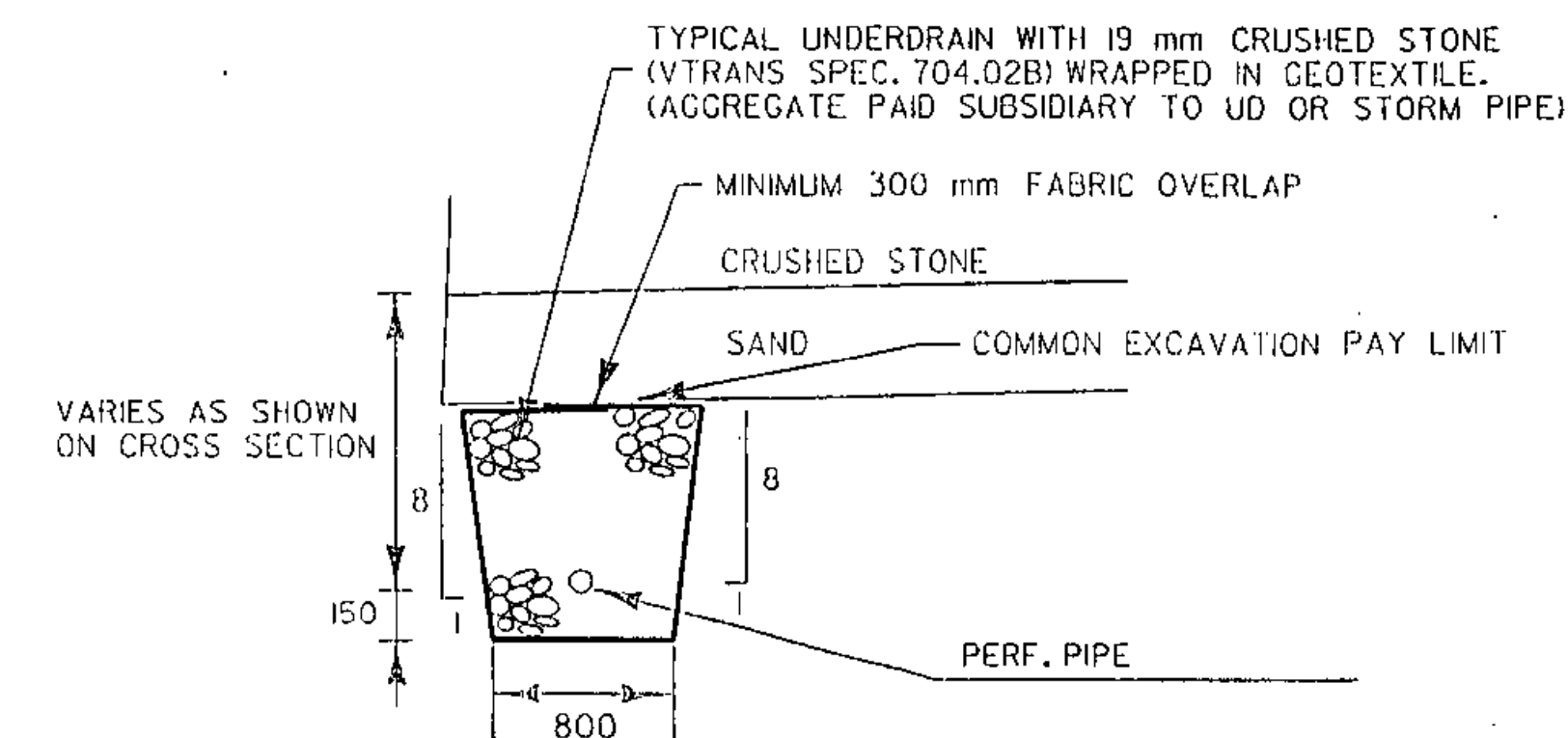


- CATCH BASINS SHALL BE SIZED SUCH THAT:
1. AT ANY ELEVATION, A MINIMUM OF 60% OF THE CIRCUMFERENCE SHALL BE CONCRETE.
  2. THE MINIMUM DISTANCE, AS MEASURED ALONG THE CIRCUMFERENCE, BETWEEN TWO OPENINGS SHALL BE 6" (150 mm).
  3. THE BASINS SHALL ALSO MEET THE FOLLOWING MINIMUM REQUIREMENTS:

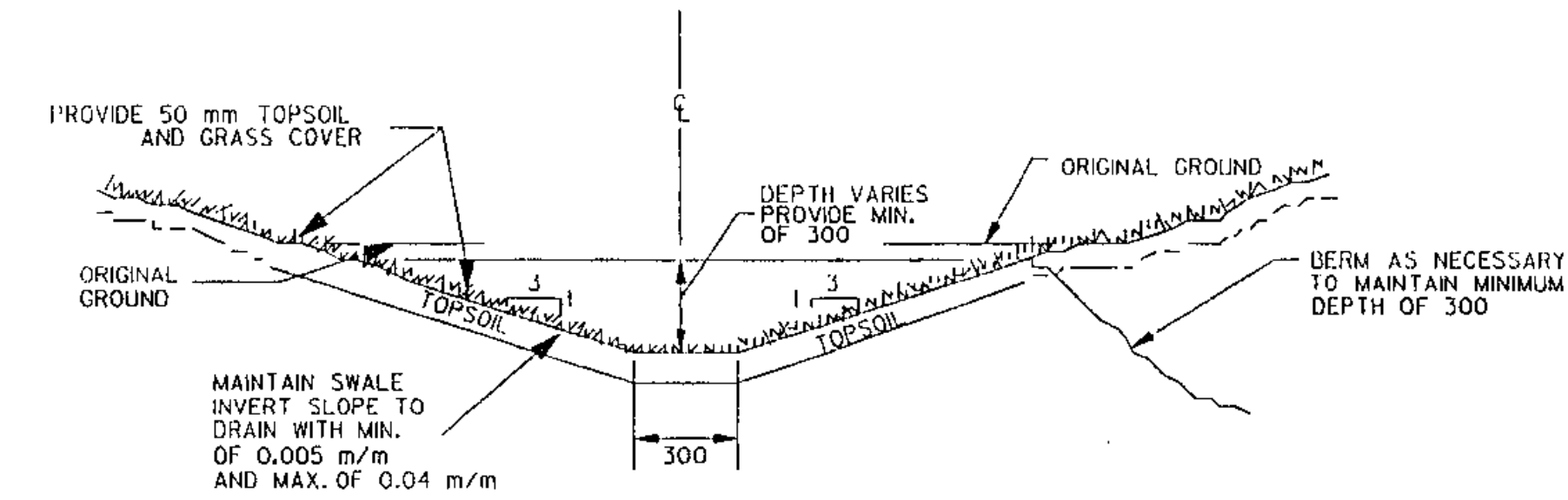
CATCH BASIN DIAMETER	LARGEST PIPE DIA. ALLOWED	SIDEWALL THICKNESS	CONCRETE COVER THICKNESS
36" (0.9 m)	18" (450 mm)	4" (100 mm)	6" (150 mm)
48" (1.2 m)	30" (760 mm)	5" (127 mm)	10" (250 mm)
60" (1.5 m)	36" (900 mm)	6" (150 mm)	12" (300 mm)
72" (1.8 m)	48" (1200 mm)	7" (178 mm)	18" (450 mm)

PRECAST CATCH BASIN

NOTE: FLUSHING BASINS SHALL BE INSTALLED AS SHOWN ON THE PLANS. THE RISER STOPS SHALL BE OUTSIDE THE PAVEMENT, SIDEWALK OR CURB

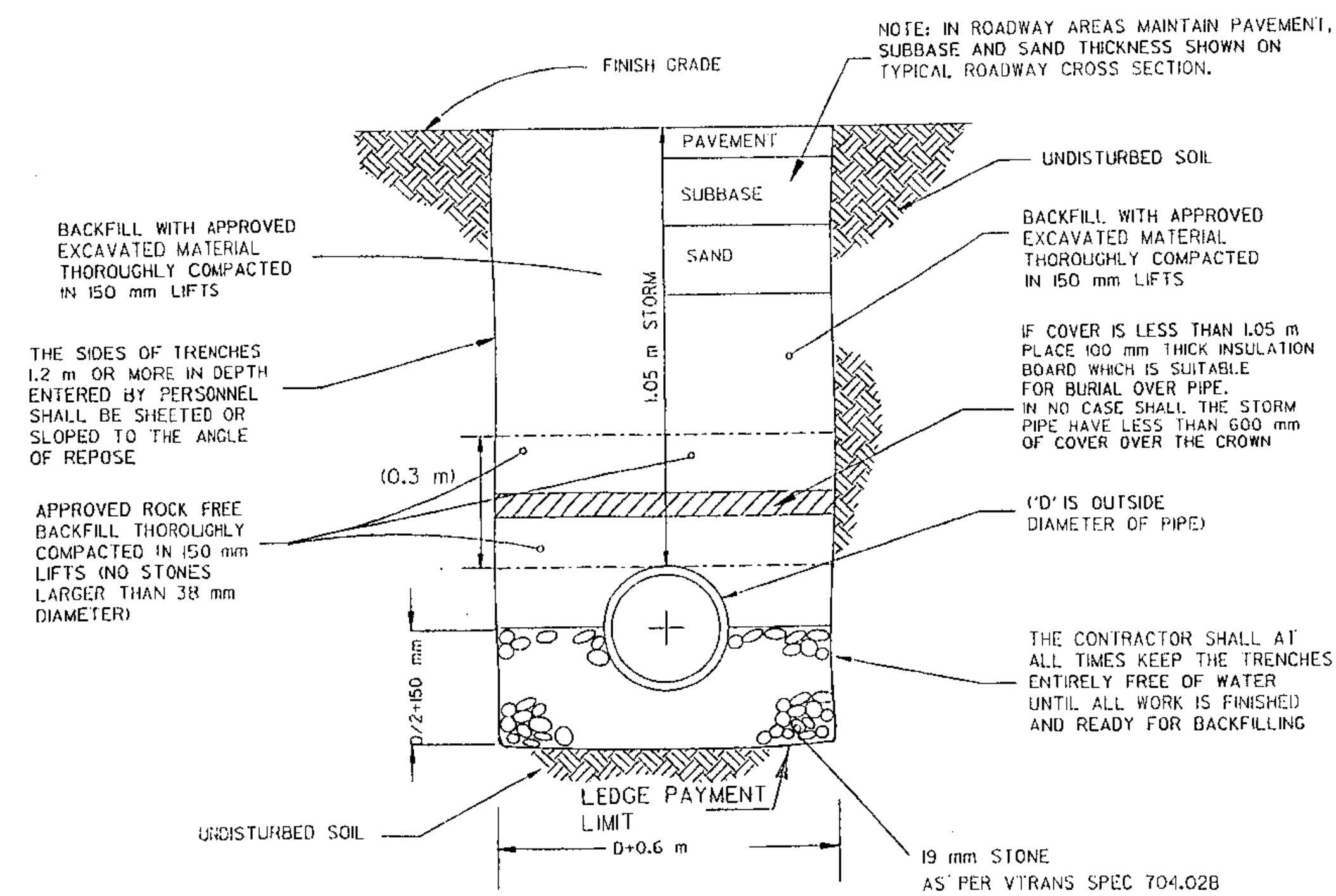


TYPICAL UNDERDRAIN TRENCH



TYPICAL TYPE IA DRAINAGE SWALE

NOTE: ALL DIMENSIONS IN MILLIMETERS (mm) EXCEPT WHERE NOTED



TYPICAL STORM TRENCH

STORM DETAILS & SPECIFICATIONS	PROJECT NAME: ESSEX
	PROJECT NUMBER: STP 030-1(17)S
	PLOT FILE NAME: zstp030-1(17)sfrm.dgn
	L&D PROJECT NUMBER: 00-074
DESIGNED BY: LAMOUREUX & DICKINSON	DRAWN BY: PLC
	CHECKED BY: RJD
	CONSULTING ENGINEERS, INC. SHEET 9 OF 42