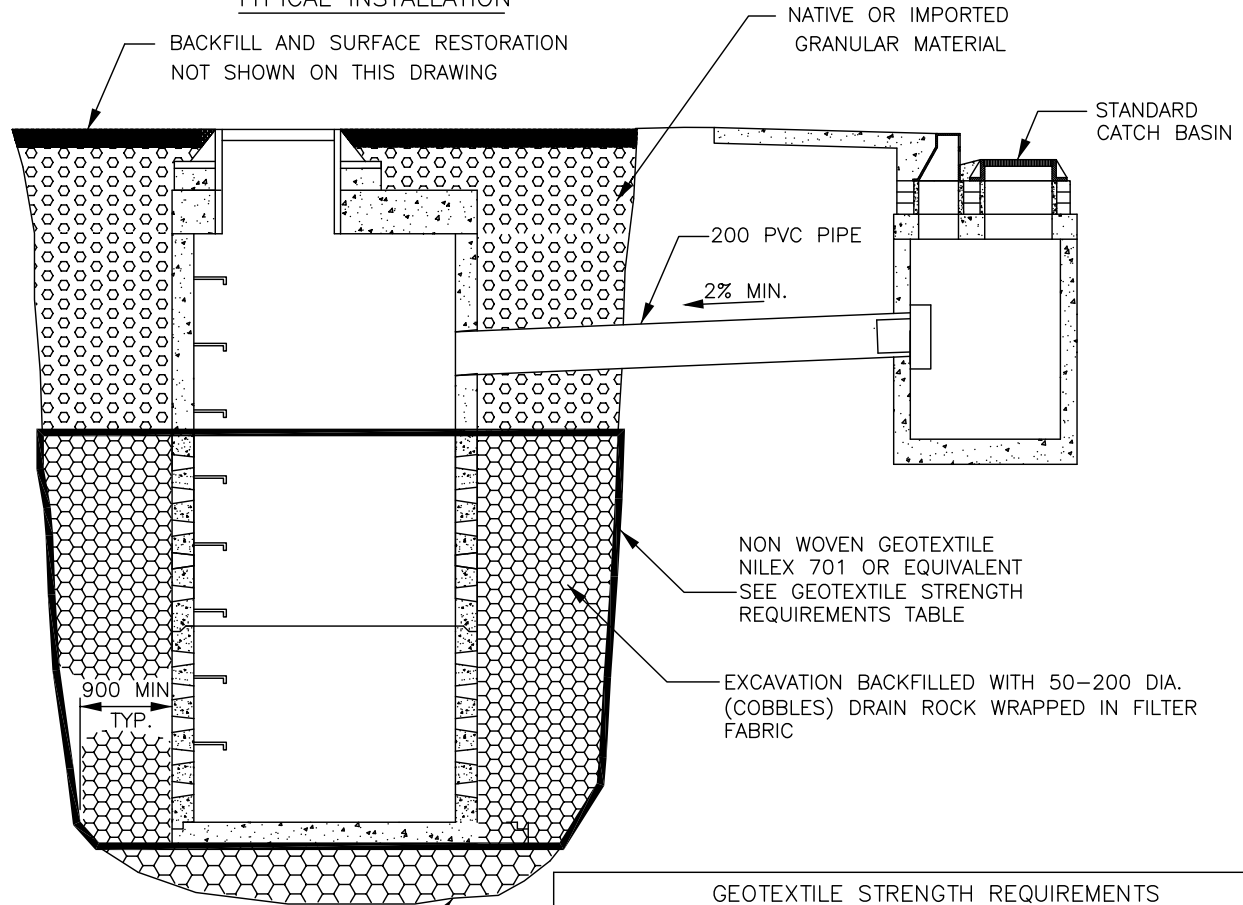


STANDARD DETAIL DRAWINGS

TYPICAL INSTALLATION



DRAIN ROCK TO STABILIZE BASE IF REQUIRED.

GEOTEXTILE STRENGTH REQUIREMENTS

STRENGTH TYPE	TEST METHOD	UNITS	CLASS 1	CLASS 2
Grab Tensile	ASTM D4632	N	800	360
Puncture	ASTM D4833	N	370	200
Burst	ASTM D3786	kPa	1950	1030
Trapezoidal	ASTM D4533	N	260	130

1 Class 1: Geotextile installation where very coarse shape angular aggregate is used

Compaction >95% Standard Proctor Maximum Dry Density (SPMDD)

Depth of trench > 3.0

2 Class 2: Geotextile installation on smooth graded surfaces having no sharp angular aggregate.

Compaction < 95% SPMDD

NOTES:

1. THE NUMBER AND SPACING OF DRAINAGE DRYWELLS MUST BE CALCULATED IN ACCORDANCE WITH CITY DESIGN CRITERIA AND WILL DEPEND UPON THE AREA DRAINED AND GROUND CONDITIONS. (SEE ALSO PIPE PERFORATION AND BEDDING DETAIL STANDARD DRAWING SS-S53).
2. FILTER FABRIC TO BE STRETCHED BELOW TOP BARREL SECTION AND REMOVED BY THE CONTRACTOR DURING THE FINAL INSPECTION.
3. DEPTH TO BE SPECIFIED WILL VARY DEPENDING UPON DRAINAGE REQUIREMENTS AND GROUND CONDITIONS. DEPTH TO WATER TABLE MUST BE SHOWN IF LESS THAN 3.6m. THERE IS NO NEED TO PLACE DRYWELLS BELOW LOW WATER TABLE.

P:\DRAFTING\STD-DWGS\DRAWING\SS-S52

DRAINAGE DRYWELL INSTALLATION

SS-S52