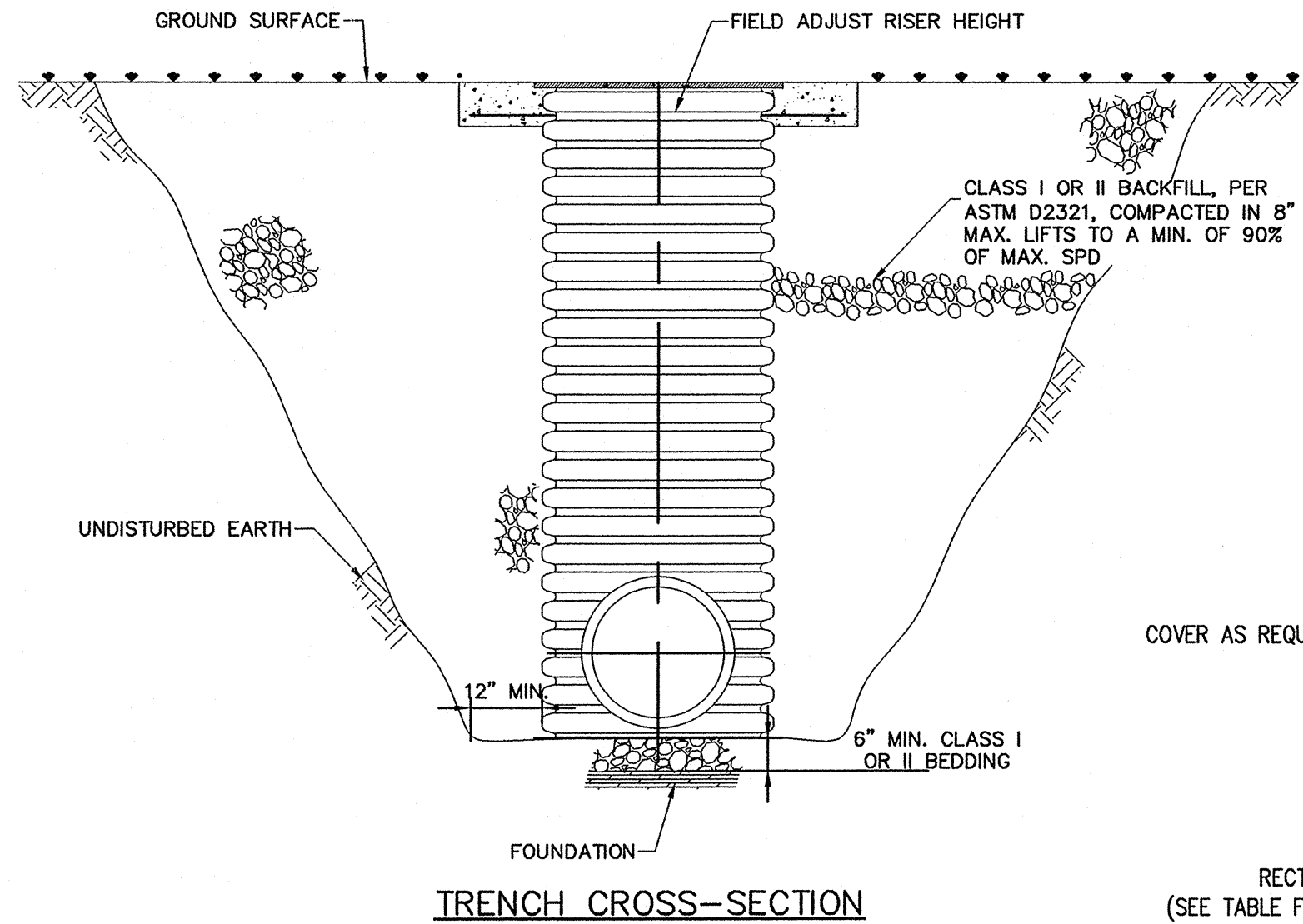
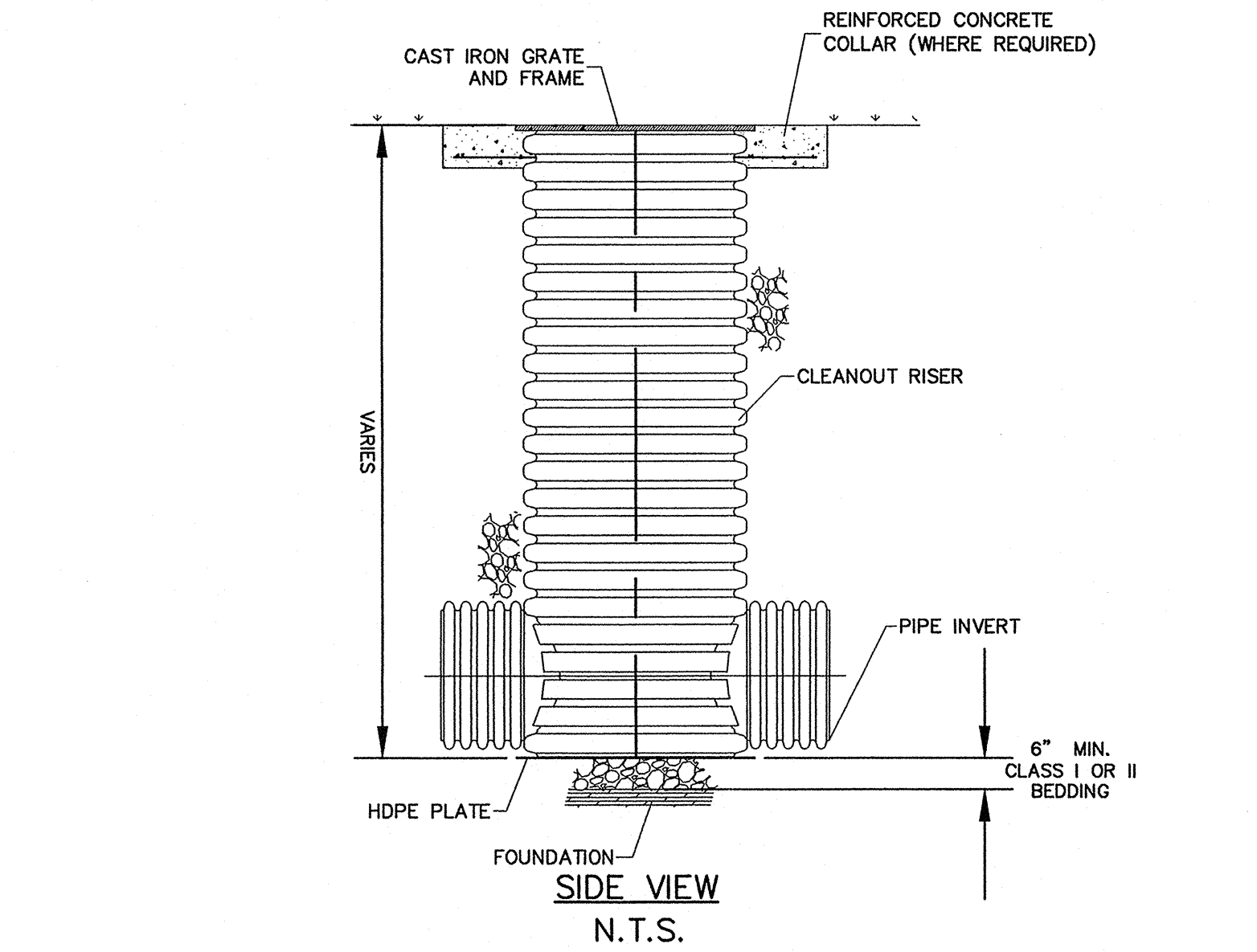
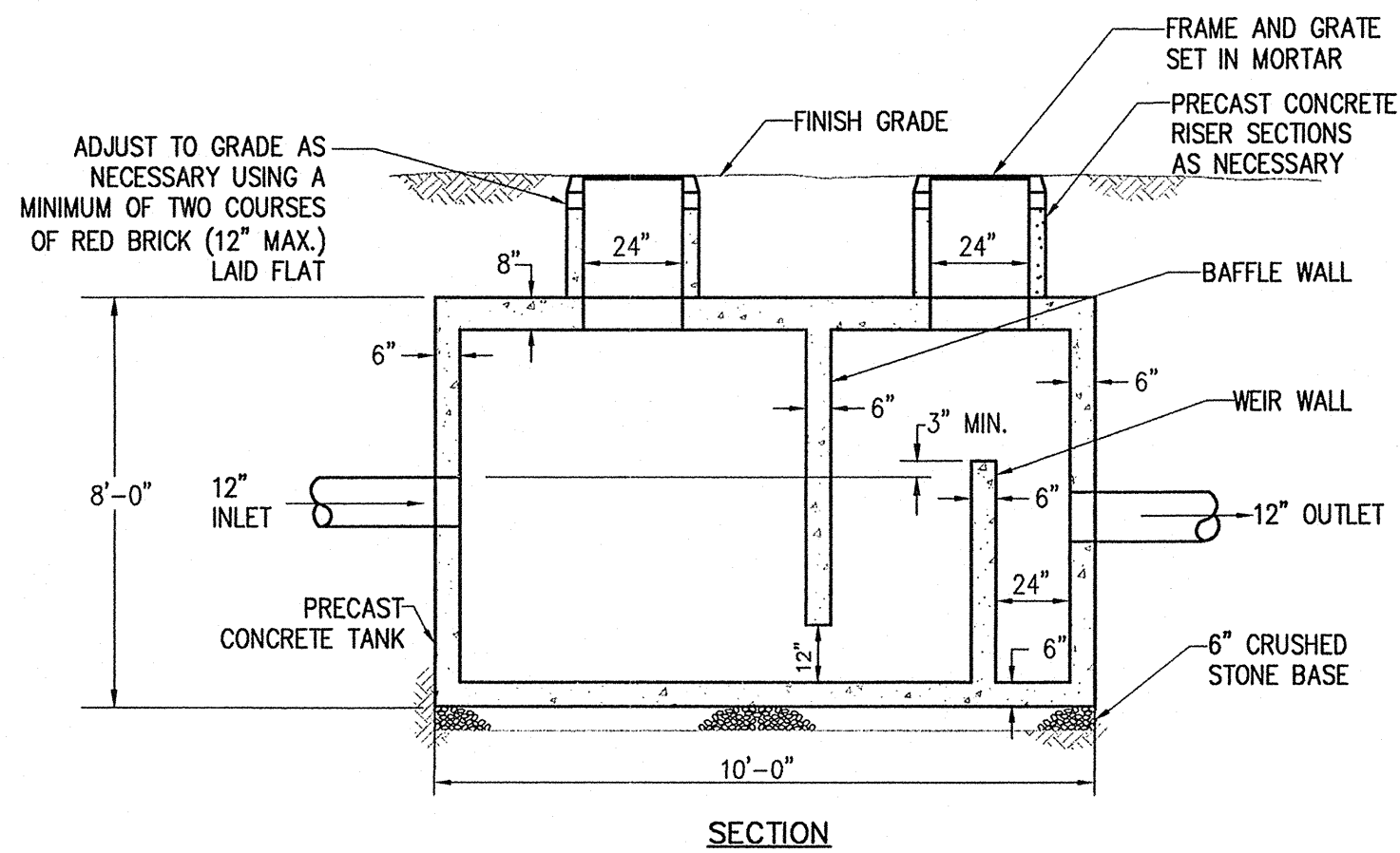
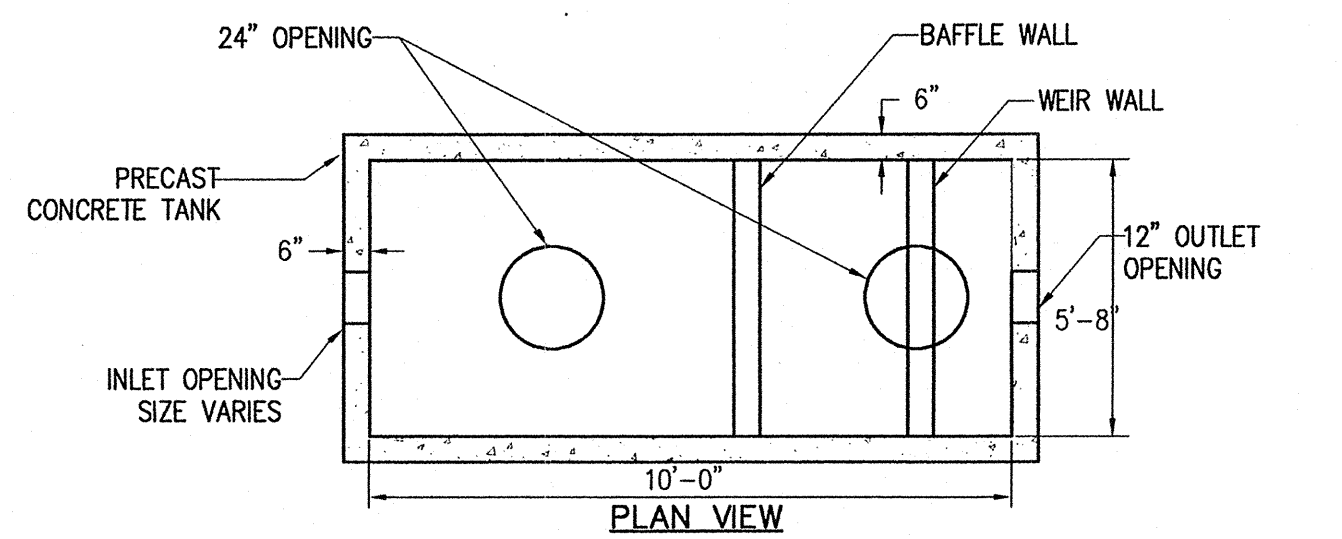


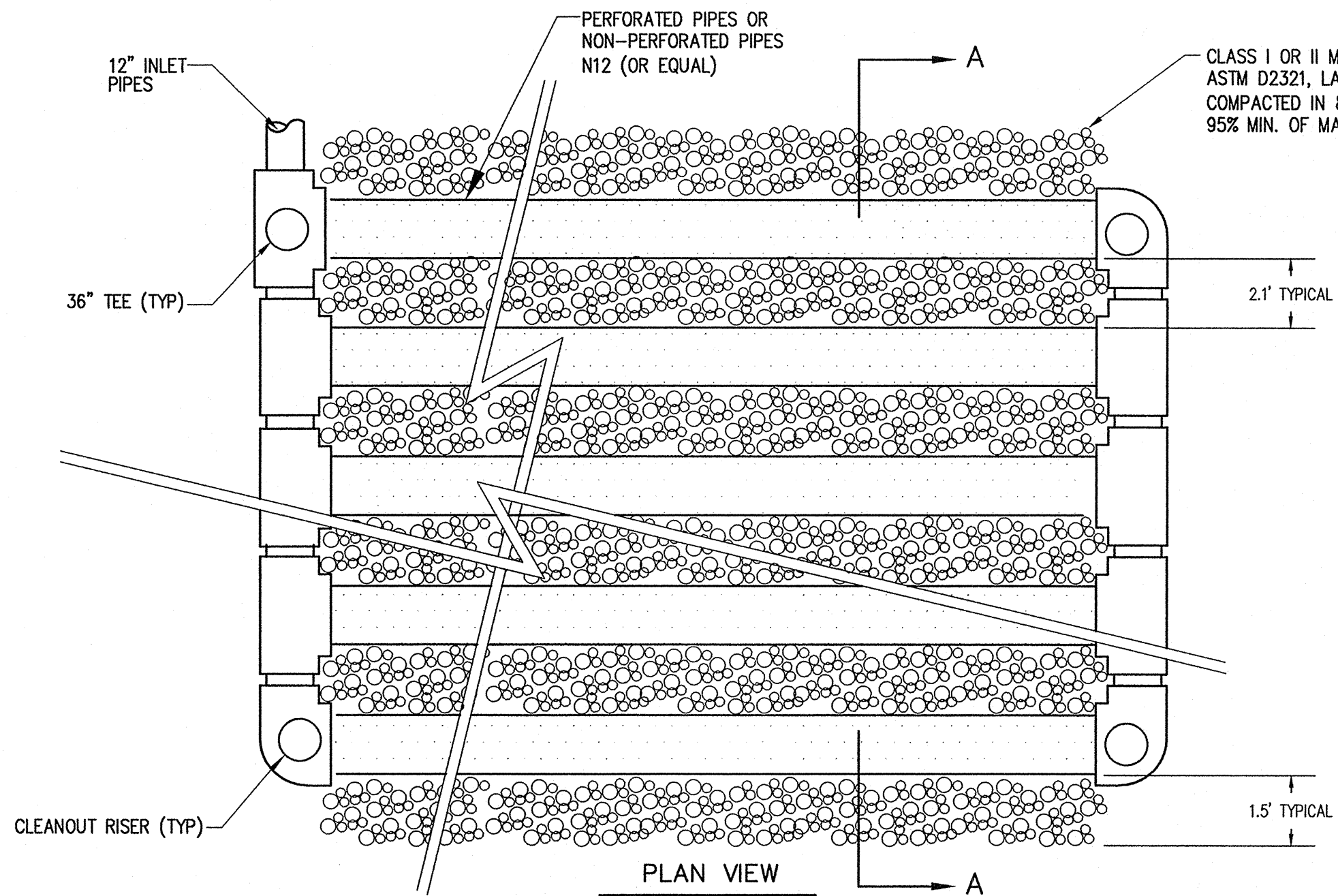
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12-36 N-12 RISER INSTALLATION
N.T.S.

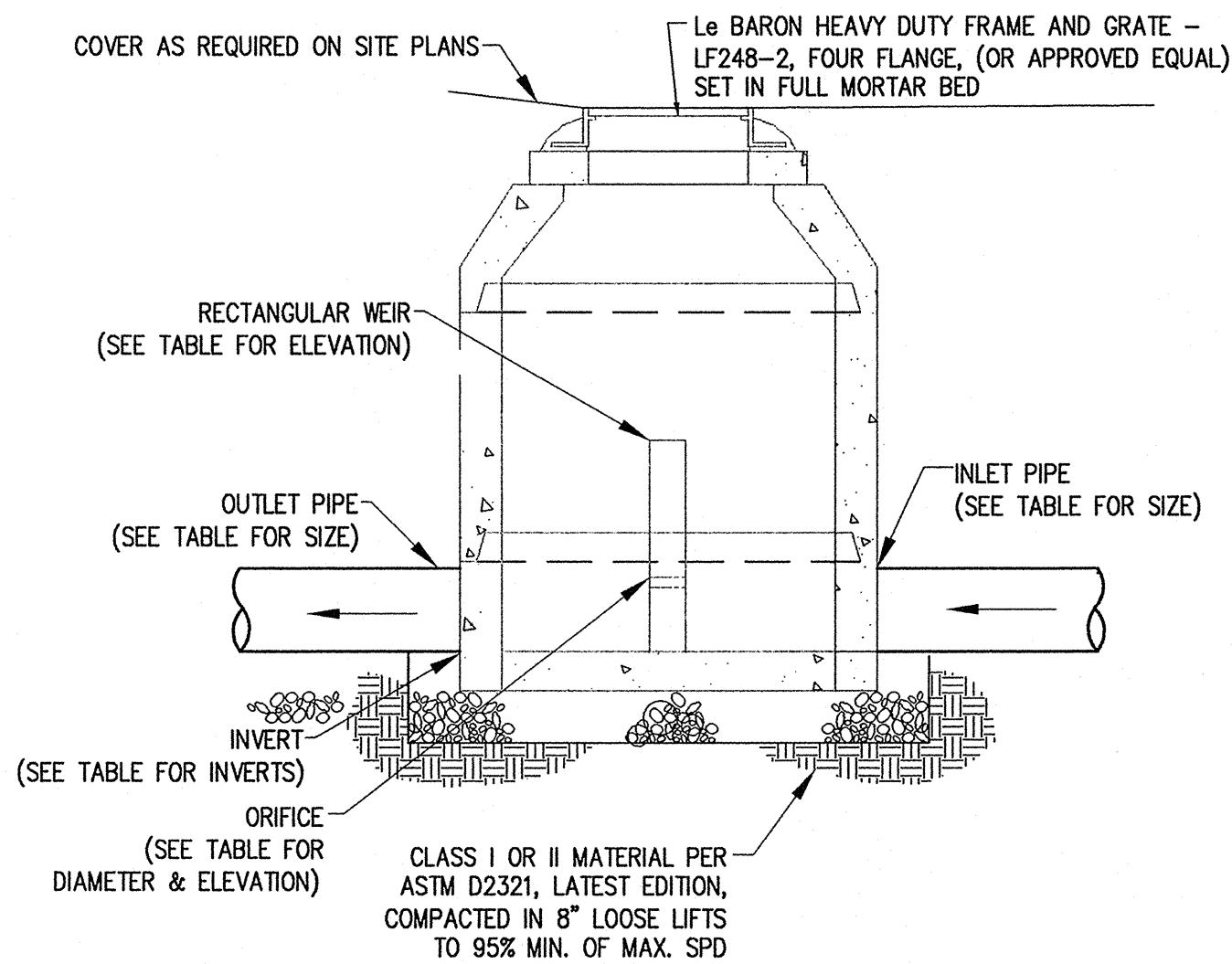


OIL/GRIT SEPARATOR
N.T.S.



1. DETENTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321 AND FOR H2O LOADING
2. ACCEPTABLE BACKFILL MATERIAL FOR PIPE EMBEDMENT ZONE SHALL BE CLASS I OR II AS PREDICATED IN ASTM D2321
3. INSPECTION DURING CONSTRUCTION TO BE PERFORMED BY MANUFACTURERS REPRESENTATIVE

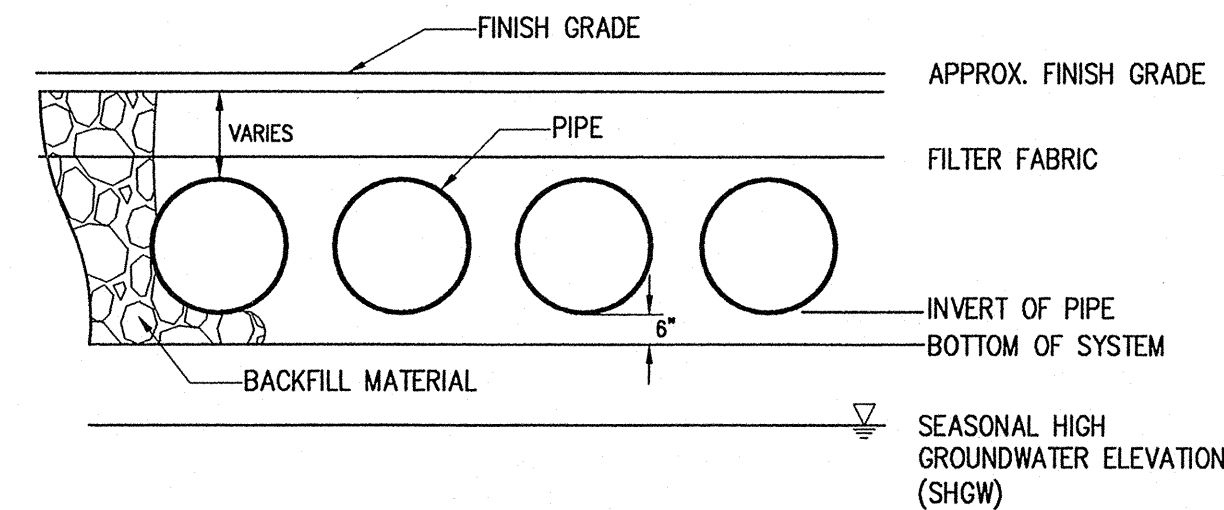
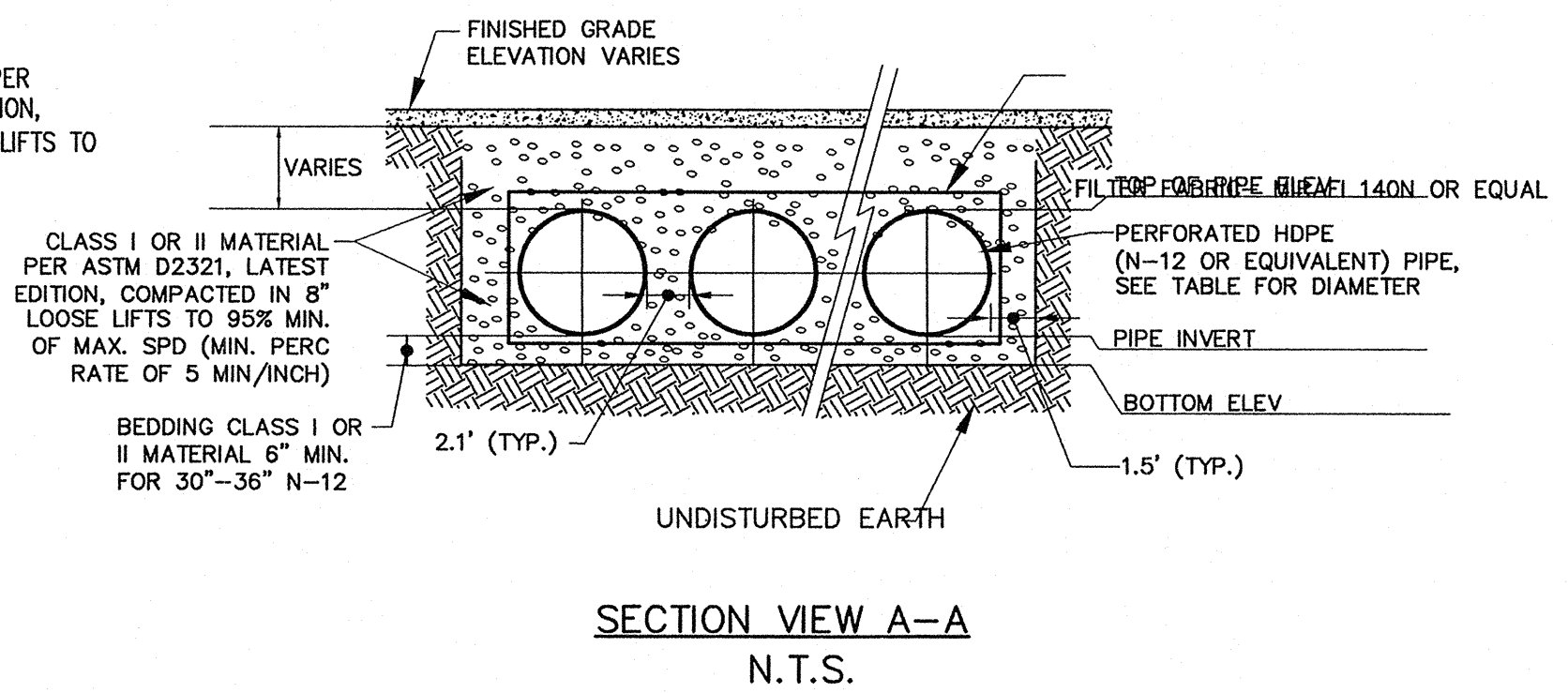
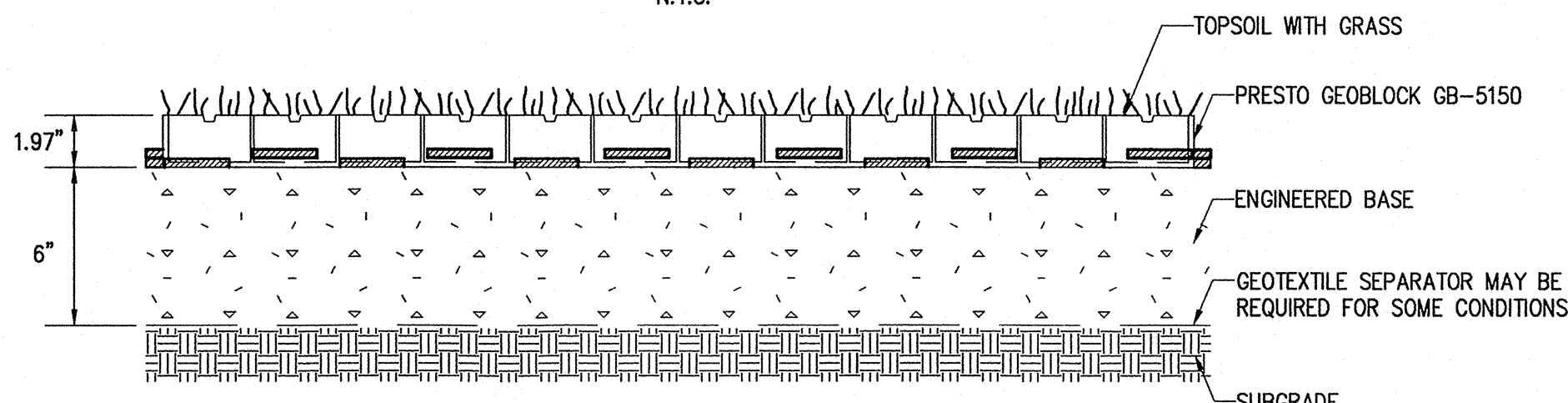
TYPICAL UNDERGROUND BASIN/INFILTRATION SYSTEM DETAIL
N.T.S.



DMH/OUTLET CONTROL STRUCTURES
N.T.S.

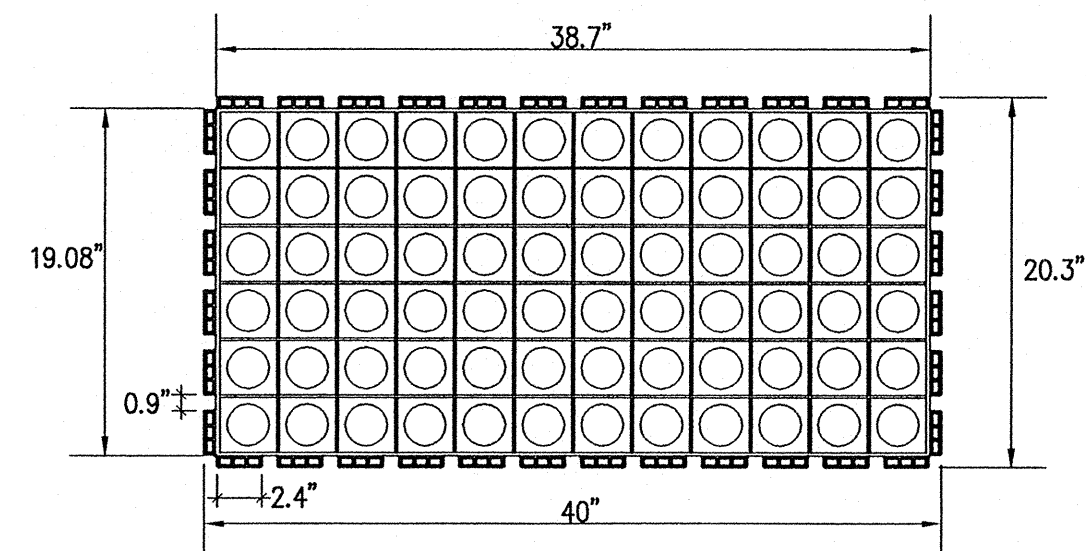
NOTES:

1. RECOMMENDED TOPSOIL:
SUITABLE TOPSOIL SHOULD BE PULVERIZED PRIOR TO FILLING THE GEOBLOCK CELLS AND CONTAIN SUFFICIENT ORGANIC CONTENT TO SUPPORT VEGETATIVE GROWTH. TOPSOIL SUCH AS SANDY LOAM IS RECOMMENDED. CLAY AND CLAY LOAM MATERIALS ARE CONSIDERED UNACCEPTABLE.
2. RECOMMENDED ENGINEERED BASE:
SUPPORT SOIL SHALL CONSIST OF A MIXTURE OF COARSE SAND, CLEAR-STONE OR CRUSHED ROCK BLENDED WITH TOPSOIL (PER RECOMMENDED TOPSOIL). THIS MIXTURE WILL PROMOTE VEGETATIVE GROWTH AND PROVIDE REQUIRED STRUCTURAL SUPPORT. THE AGGREGATE PORTION SHOULD BE FREE FROM FINES AND HAVE A KNOWN PERCENTAGE VOID-SPACE WHEN COMPACTED. PULVERIZED TOPSOIL, EQUAL TO THE VOID PERCENTAGE IN THE AGGREGATE, SHOULD BE ADDED AND BLENDED PRIOR TO PLACEMENT. IF THE TOPSOIL IS NOT PRESENT WITHIN THE ENGINEERED BASE, GRASS GROWTH MAY BE SIGNIFICANTLY IMPAIRED.

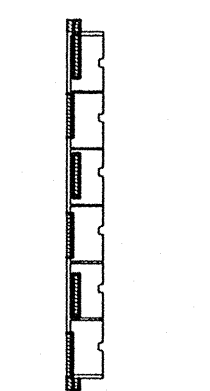


Detention/ Retention System	Test Pit	Seasonal High Groundwater Elevation	Bottom of System	Distance Between SHGW & System	Percolation Rate (min/in)	Pipe Diameter (inches)	Approx. Ground Elevation
Infiltration Chamber 1	TP-7	5.6	7.6	2.0	1.00	30	12.0
Infiltration Chamber 2	TP-9 & TP-10	5.8	8.2	2.5	2.00	36	13.2
Infiltration Chamber 3	TP-3	3.6	5.6	2.0	0.33	48	11.5
Underground Basin 1	TP-4 & TP-5	5.7	7.0	1.3	N/A	48	13.2
Underground Basin 2	TP-1	9.2	7.5	-1.7	N/A	30	12.5
Underground Basin 3	TP-2	3.6	6.0	2.4	N/A	36	11.0

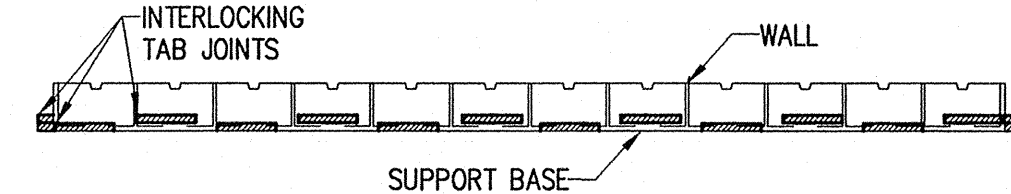
UNDERGROUND SYSTEMS SCHEDULE
N.T.S.



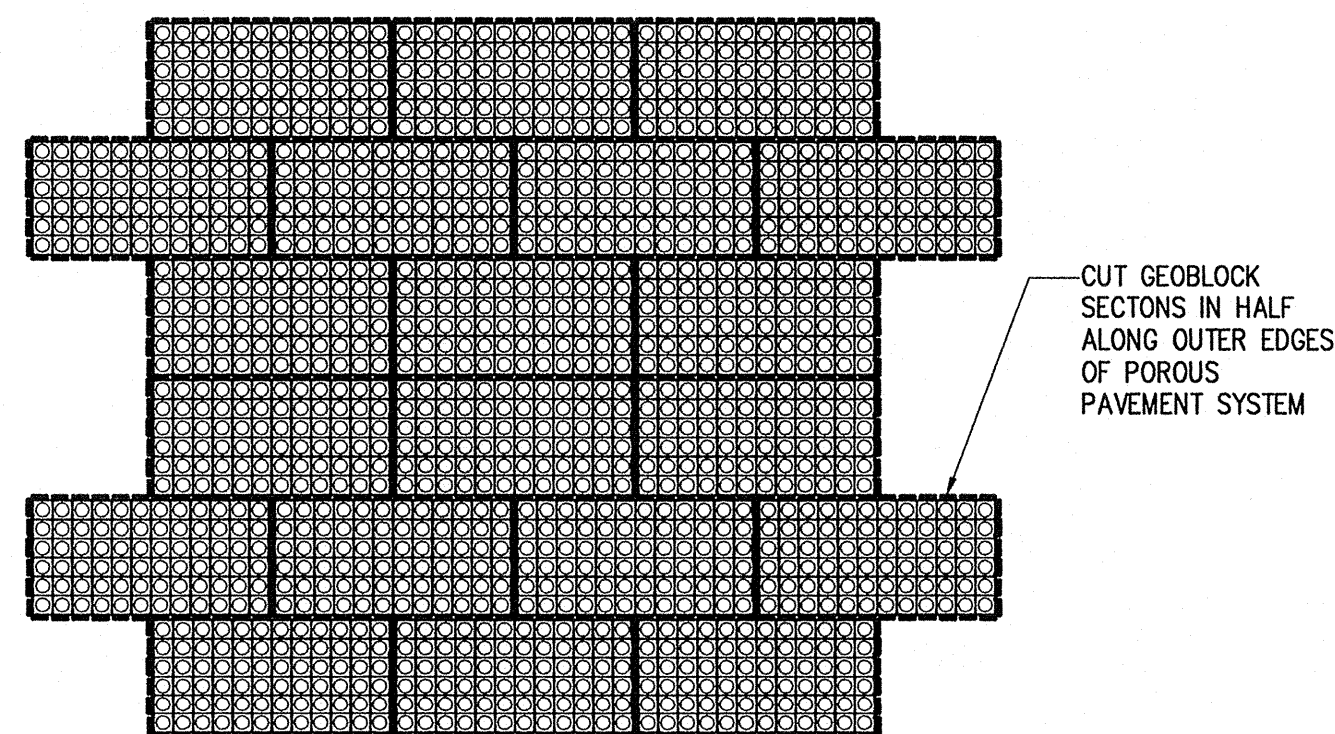
FRONT VIEW



END VIEW



GB-5150 COMPONENTS



TYPICAL LAYOUT - BRICKLAYER PATTERN

GEOBLOCK DETAIL
N.T.S.

NOT FOR CONSTRUCTION
THESE PLANS WERE PREPARED FOR THE
PURPOSE OF OBTAINING STATE
AND LOCAL APPROVALS AND ARE NOT
INTENDED TO BE USED AS CONSTRUCTION
DOCUMENTS.

No. Date Description

Revisions

Drawn By CDH Designed By CDH Checked By DMA Approved By

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Project Title

Residences
at
Acorn Park
Belmont, MA

Sheet Title

Construction
Details

Scale: NTS

Job No.: 7128

File Name: 7128P-CDT01

Date: 06-08-06

Sheet No.

C-10