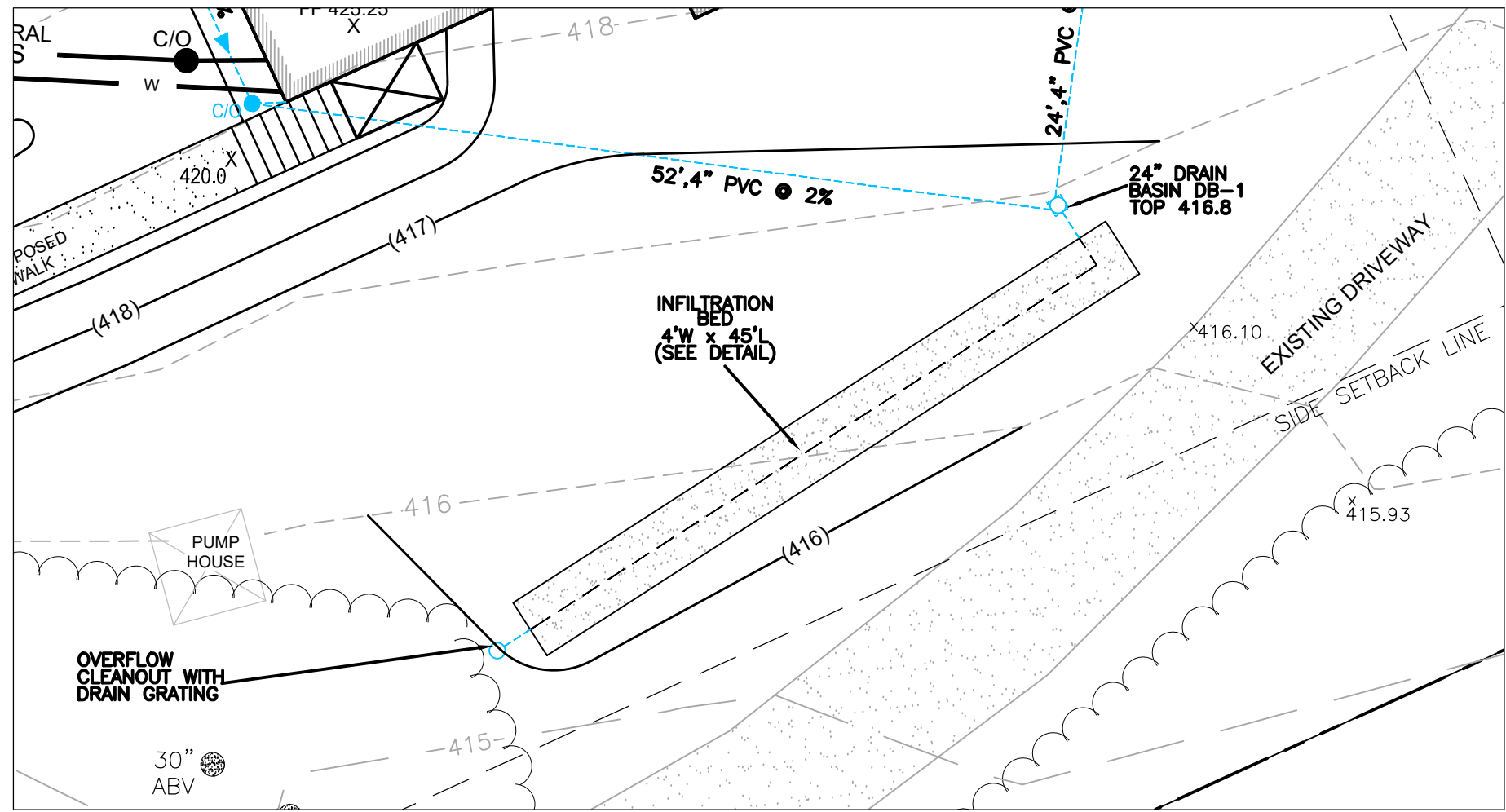
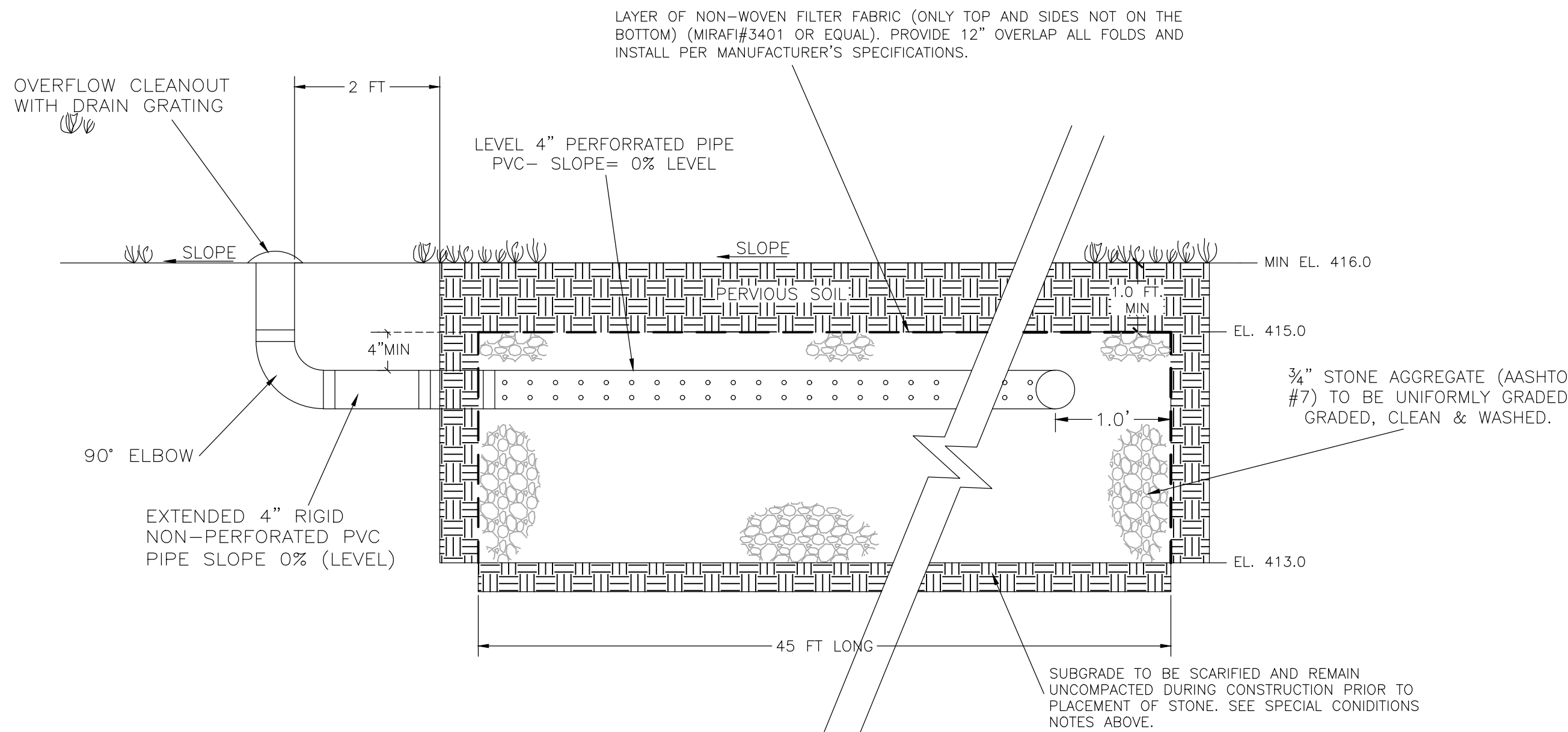
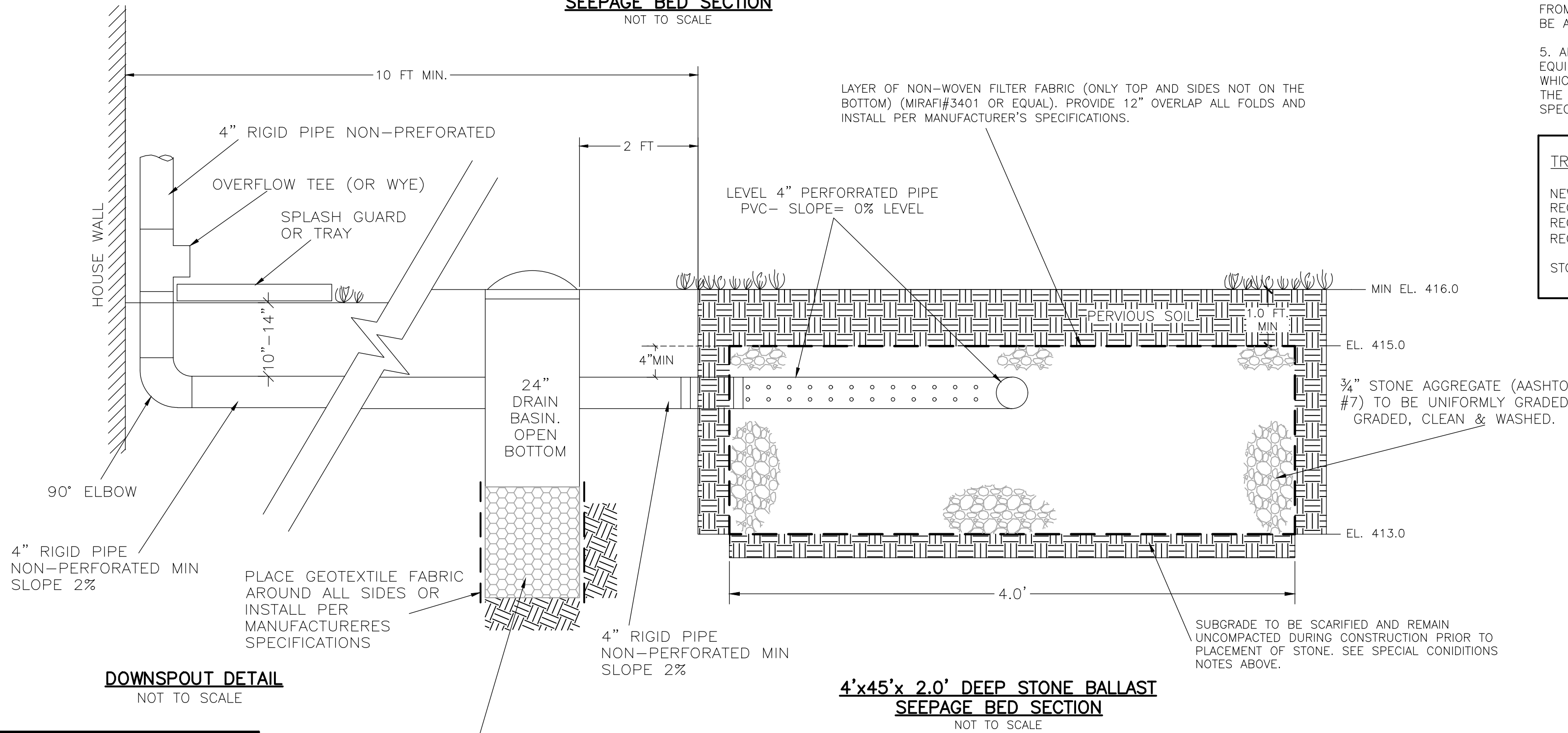




INFILTRATION TRENCH -- PLAN VIEW
SCALE: 1" = 10 FEET



4'x45'x 2.0' DEEP STONE BALLAST
SEEPAGE BED SECTION
NOT TO SCALE



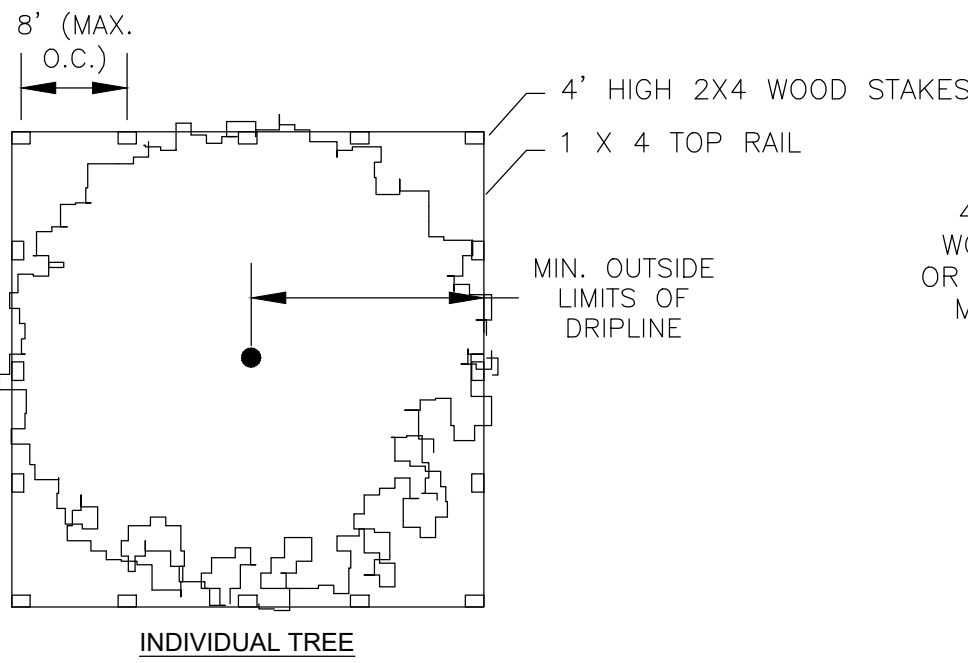
DOWNSPOUT DETAIL
NOT TO SCALE

4'x45'x 2.0' DEEP STONE BALLAST
SEEPAGE BED SECTION
NOT TO SCALE

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND THE RULES AND REGULATIONS THEREIN APPLICABLE.

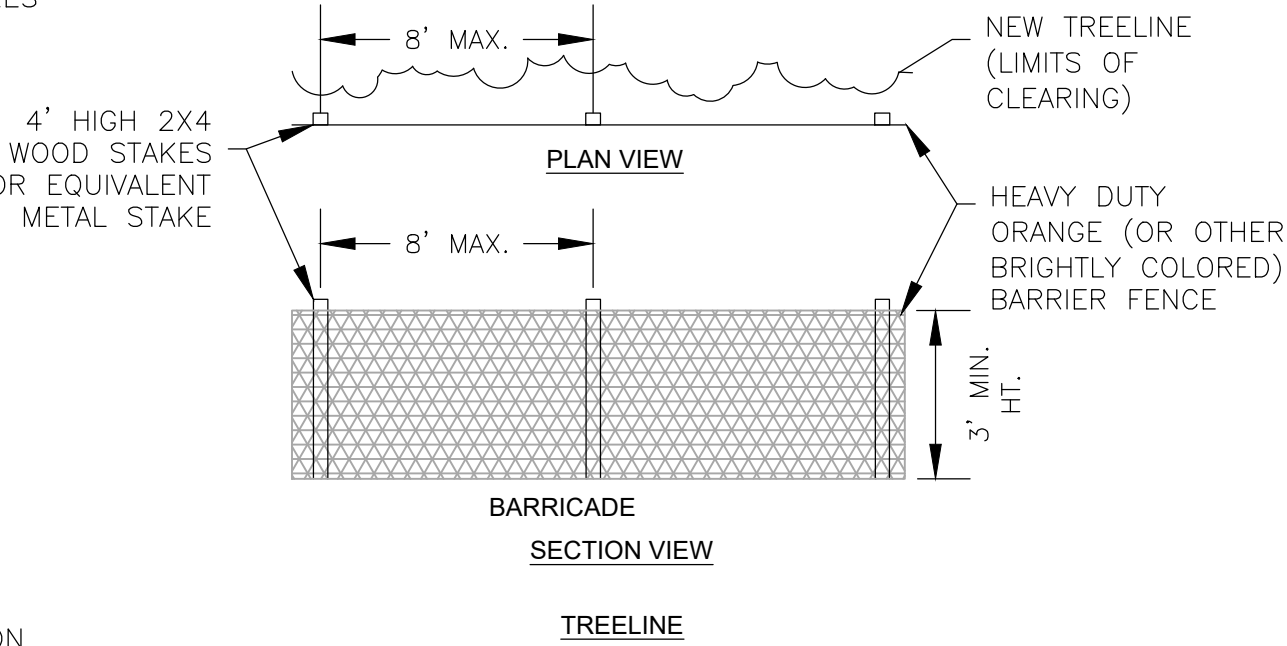
1'x1'x1' 3/4" STONE AGGREGATE (AASHTO#7) TO BE UNIFORMLY GRADED, CLEAN & WASHED OR INSTALL STONE PER MANUFACTURERS SRECIFICATIONS.



INDIVIDUAL TREE

- NOTES:
1. NO CONSTRUCTION MATERIAL SHALL BE STORED INSIDE TREE PROTECTION AREA.
 2. TREE PROTECTION SHALL REMAIN UNTIL SUBSTANTIAL COMPLETION OR APPROVAL OF THE LANDSCAPE ARCHITECT.
 3. NO CLEANING OF EQUIPMENT OR DISPOSAL OF ANY WASTE MATERIALS IN THE PROTECTED AREA.
 4. TREE PROTECTION METHODS MAY VARY UPON APPROVAL OF THE LANDSCAPE ARCHITECT.

TREE PROTECTION DETAIL
NOT TO SCALE



- NOTE:
1. TREELINE BARRIER SHALL FOLLOW RESPECTIVE LINE IN THE TREE PROTECTION PLAN.

GENERAL NOTES:

1. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF STORMWATER FACILITIES IN ACCORDANCE WITH THE EAST GOSHEN TOWNSHIP REQUIREMENTS PER ARTICLE VII OF THE ACT 167 ORDINANCE NO. 19-M-03 AND SECTION 205-37.1 OF SUBDIVISION AND LAND DEVELOPMENT ORDINANCE, WITH REVISIONS THERETO.
2. UNLESS NOTED DIFFERENTLY ON THIS DETAIL, THE SEEPAGE BED SHALL BE INSTALLED, IN ACCORDANCE WITH EAST GOSHEN TOWNSHIP REQUIREMENTS FOR STORMWATER MANAGEMENT AND EROSION AND SEDIMENTATION CONTROLS PER CHAPTER 195-ACT 167 ORDINANCE NO. 129-M-03, SUBDIVISION AND LAND DEVELOPMENT ORDINANCE SECTIONS 205-37,F AND 205-69; CHAPTER 131 AND PADEP CHAPTER 102, WITH REVISIONS THERETO.

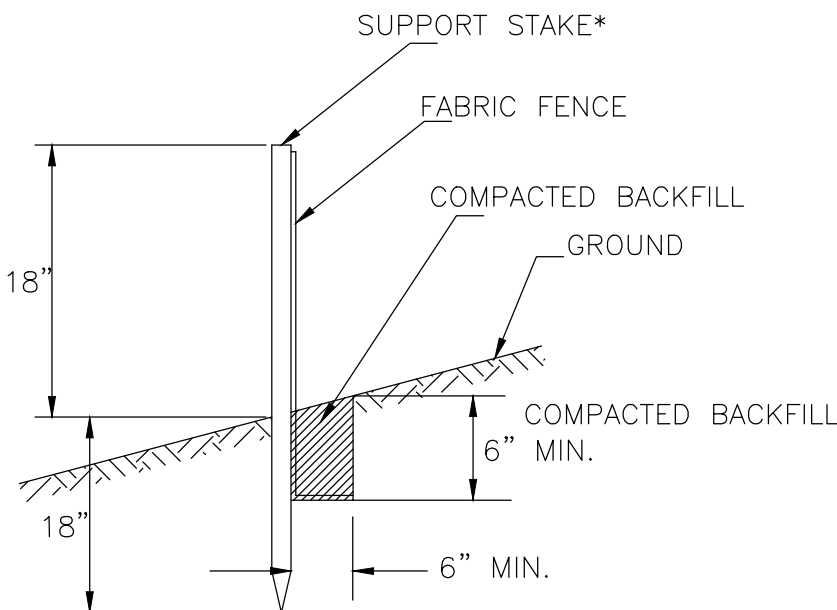
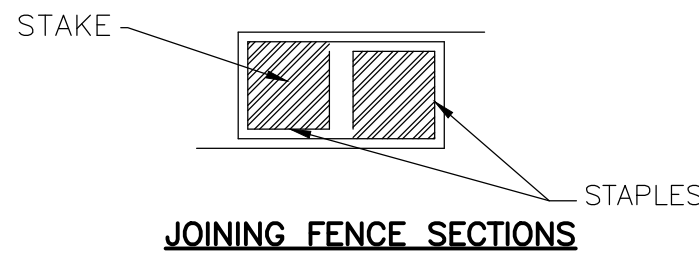
NOTE THE FOLLOWING SPECIAL CONDITIONS FOR THE DOWNSPOUT SEEPAGE BEDS DURING CONSTRUCTION::

1. INSTALLATION OF DOWNSPOUT SEEPAGE BEDS TO BE CHECKED BY THE TOWNSHIP SITE INSPECTOR OR ENGINEER. INSPECTOR MUST BE NOTIFIED 36 HOURS IN ADVANCE OF INSTALLATION.
2. PRIOR TO THE PLACEMENT OF STONE IN THE SEEPAGE BED, THE CONTRACTOR OR PROPERTY OWNER SHALL MAKE A TEST PIT 2 FEET BELOW THE BED BOTTOM TO ENSURE THAT BEDROCK AND/OR GROUNDWATER ARE NOT PRESENT IN THIS ZONE. IN THE EVENT THAT GROUNDWATER AND/OR BEDROCK IS WITHIN 2 FEET OF BED BOTTOM, THE BED SHALL BE RELOCATED AND REGISTERED BEFORE CONSTRUCTION MAY CONTINUE.
3. EXCAVATION FOR THE DOWNSPOUT SEEPAGE BEDS SHALL BE PERFORMED WITH EQUIPMENT WHICH WILL NOT COMPACT THE BOTTOM OF THE BED AREA.
4. DOWNSPOUT SEEPAGE BEDS SHOULD BE KEPT CLEAN SOIL / SEDIMENT DURING THE INSTALLATION PROECSS. THE INSPECTION INDICATES THAT SOIL HAS ENTERED ANY OF THE DOWNSPOUT SEEPAGE BEDS THAN APPROPRIATE MEASURES (I.E. CLEANING THE SOIL/SEDIMENT FROM FILTER FABRIC, STONE, BED, ETC. AND REPLACEMENT OF THE FABRIC AND STONE) SHALL BE ADDRESSED.
5. AFTER DOWNSPOUT SEEPAGE BEDS IS COMPLETELY INSTALLED, ALL HEAVY CONSTRUCTION EQUIPMENT SHALL BE RESTRICTED FROM THE DOWNSPOUT SEEPAGE BEDS TO ELIMINATE IMPACTS WHICH MAY COMPROMISE IT. IN THE EVENT ANY IMPACTS COMPROMISE THE FUNCTIONALITY OF THE DOWNSPOUT SEEPAGE BEDS, IT MUST BE IMMEDIATELY REPAIRED OR REPLACED TO DESIGN SPECIFICATIONS.

TRENCH SIZING:

NEW IMPERVIOUS COVER: 1437 SQ.FT.
REQUIRED BED VOLUME:
REQUIRED LENGTH : 3X1437/50= 86 LFT FOR A 2 FEET WIDE TRENCH
REQUIRED LENGTH FOR 4 FEET WIDE TRENCH IS 86/2= 43 FEET- PROVIDED IS 45 FEET
STONE VOLUME= 4X45X2X0.4= 144 C.FT.

STANDARD CONSTRUCTION DETAIL # 19
STANDARD FILTER FABRIC FENCE (18" HIGH)



* STAKES SPACED @ 8' MAXIMUM. USE 2" X 2" WOOD OR EQUIVALENT STEEL STAKES.

FILTER FABRIC FENCE MUST BE PLACED AT LEVEL EXISTING GRADE. BOTH ENDS OF THE BARRIER MUST BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT.

SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FENCE.

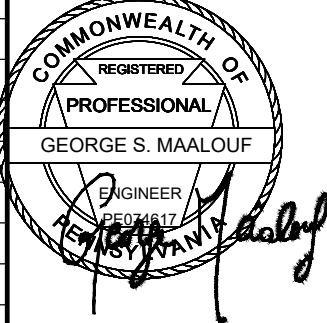
ANY SECTION OF FILTER FABRIC FENCE WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEE STANDARD CONSTRUCTION DETIAL #18.

STANDARD FILTER FABRIC FENCE
NOT TO SCALE

CONSTRUCTION DETAILS SHEET

FOR

EAST GOSHEN TOWNSHIP-- CHESTER COUNTY
PENNSYLVANIA
OWNERS

REVISIONS	CHECKED	APPROVED BY:	
			
		DESIGNED BY: G.S.M.	SCALE: AS NOTED
		CHECKED BY: J.C.D.	DRAWN BY: G.S.M.
		DATE: 01-25-2021	FILE NO. 0162--(2020)
		COMM. NO. 0162--(2020)	SHEET 1 of 1