

CLASSIFICATION CHART

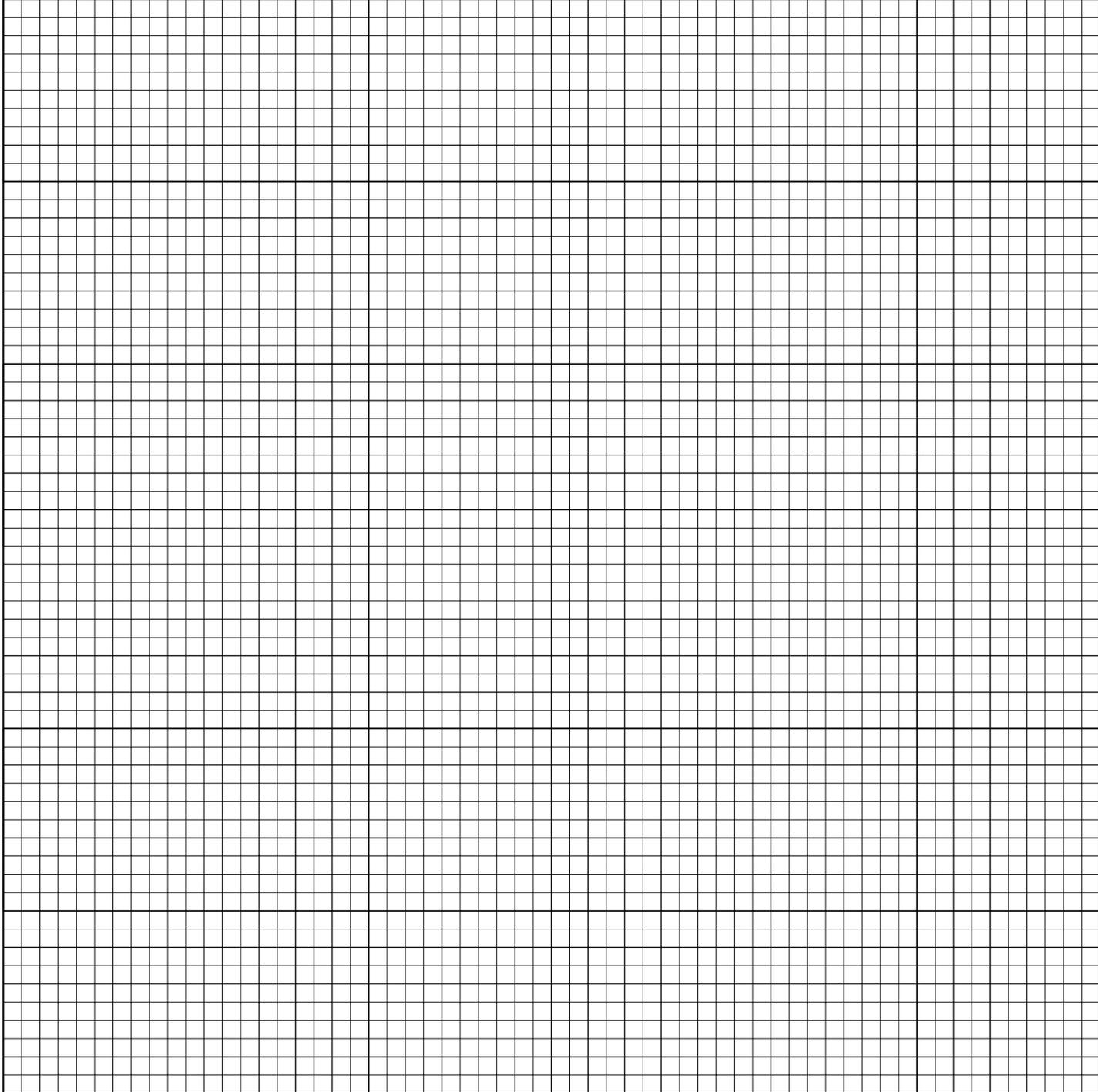
HORIZON

205-1

ROUTE
SECTION
COUNTY
JOB NO.

HORIZON

DRY DENSITY - LB/CU FT



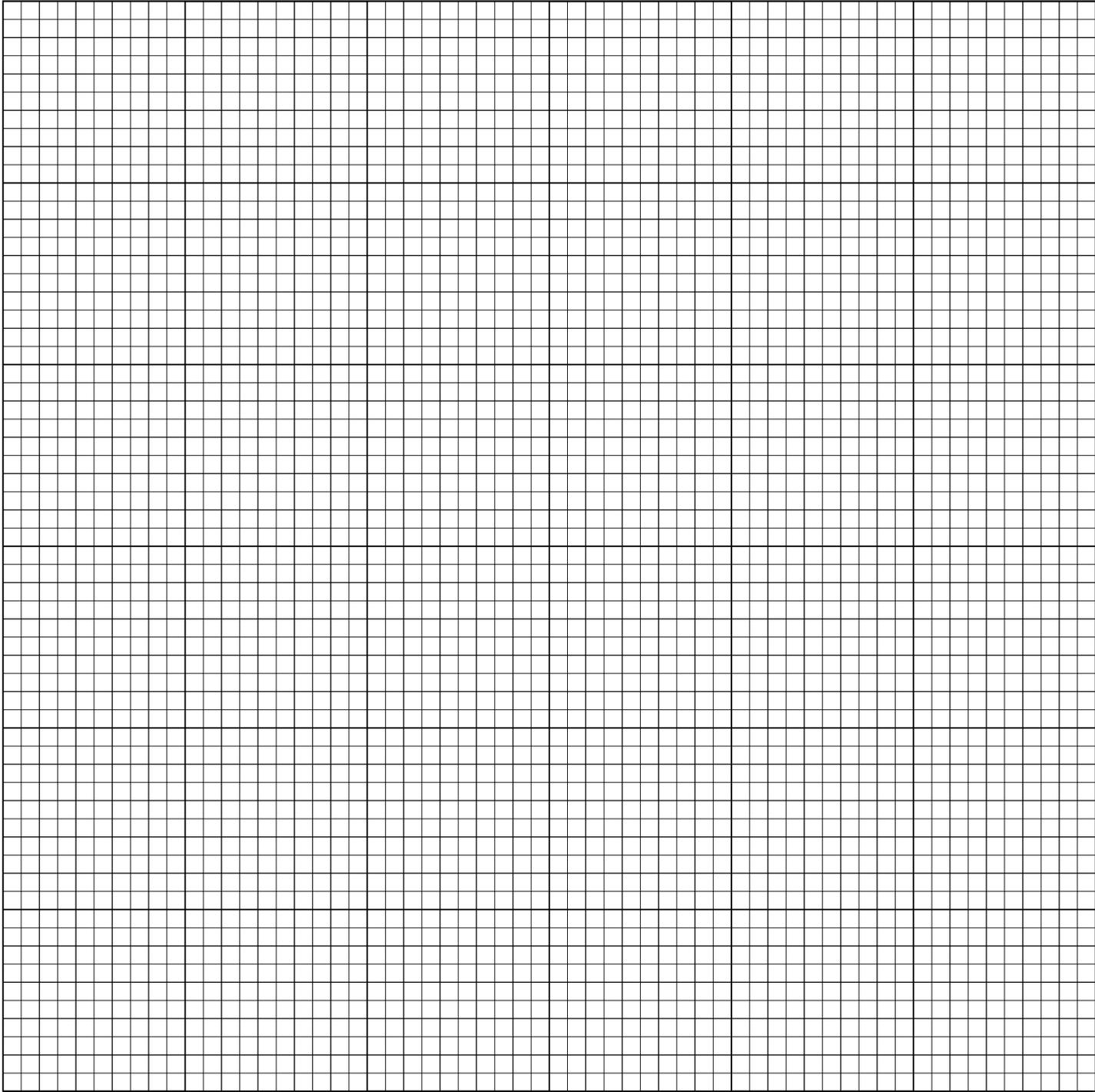
STRENGTH

LIME CONTENT - %

SOIL TYPE
COLOR
DEPTH

ROUTE
SECTION
COUNTY
JOB NO.

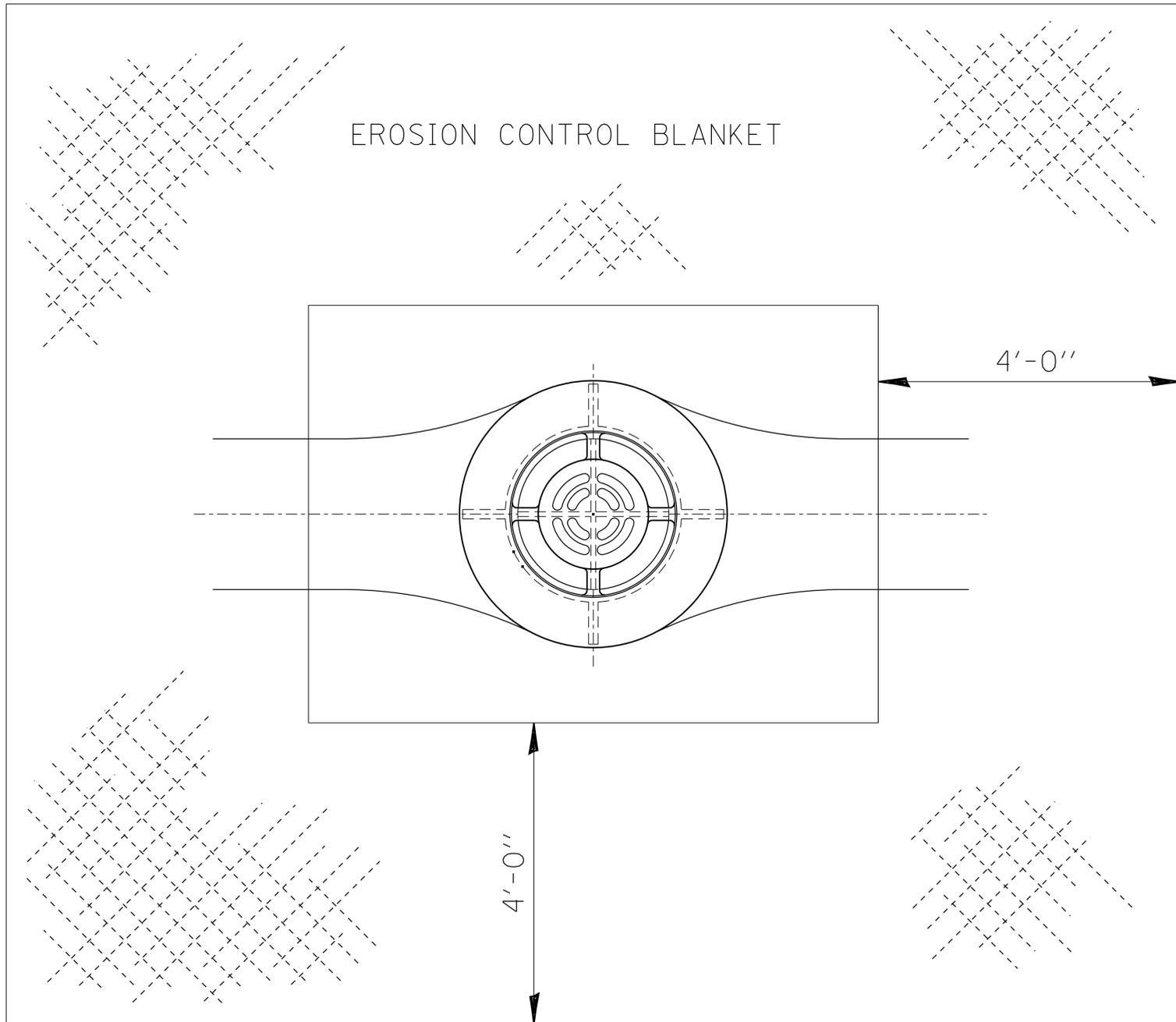
PLASTIC INDEX



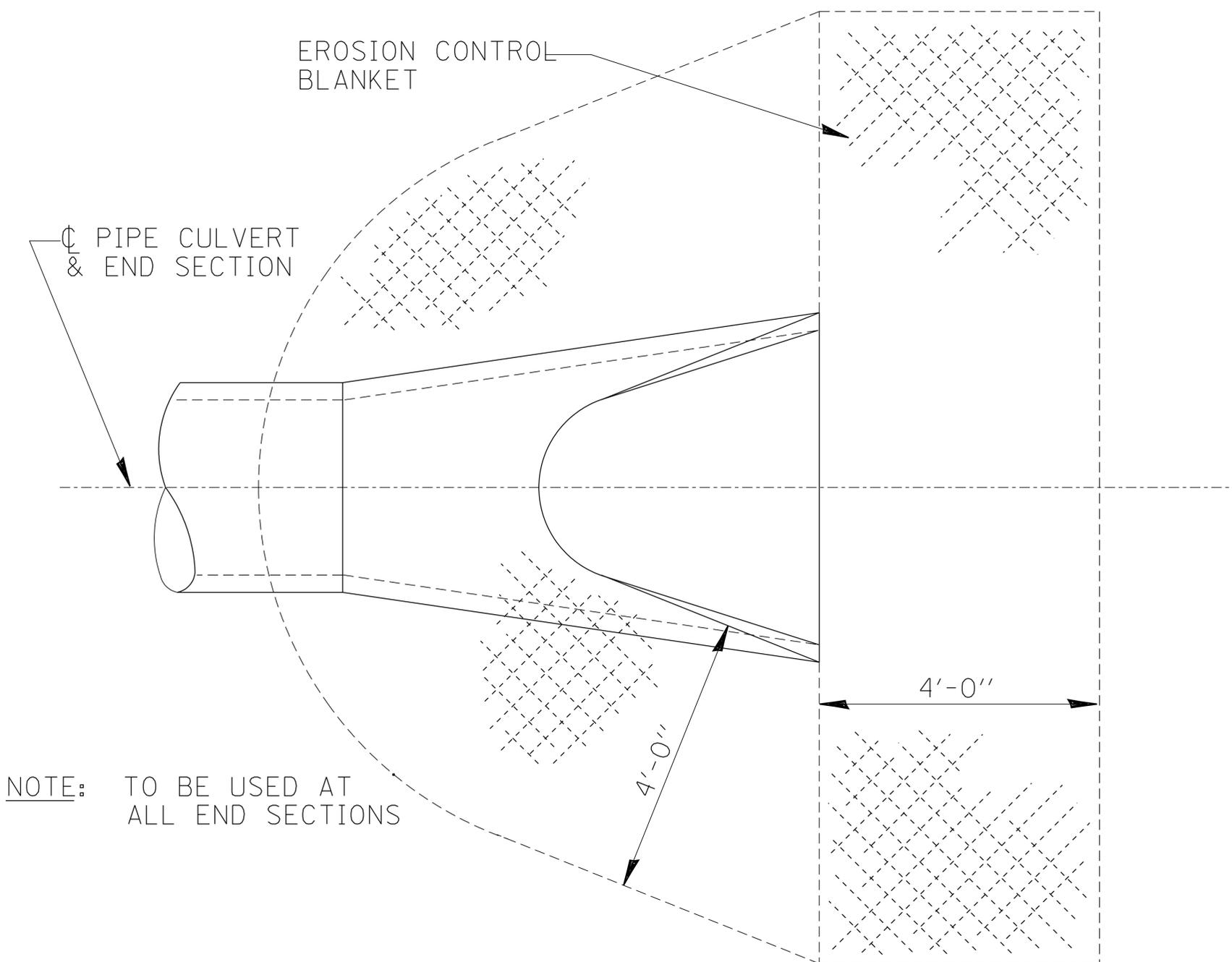
pH

LIME CONTENT – %

SOIL TYPE
COLOR
DEPTH

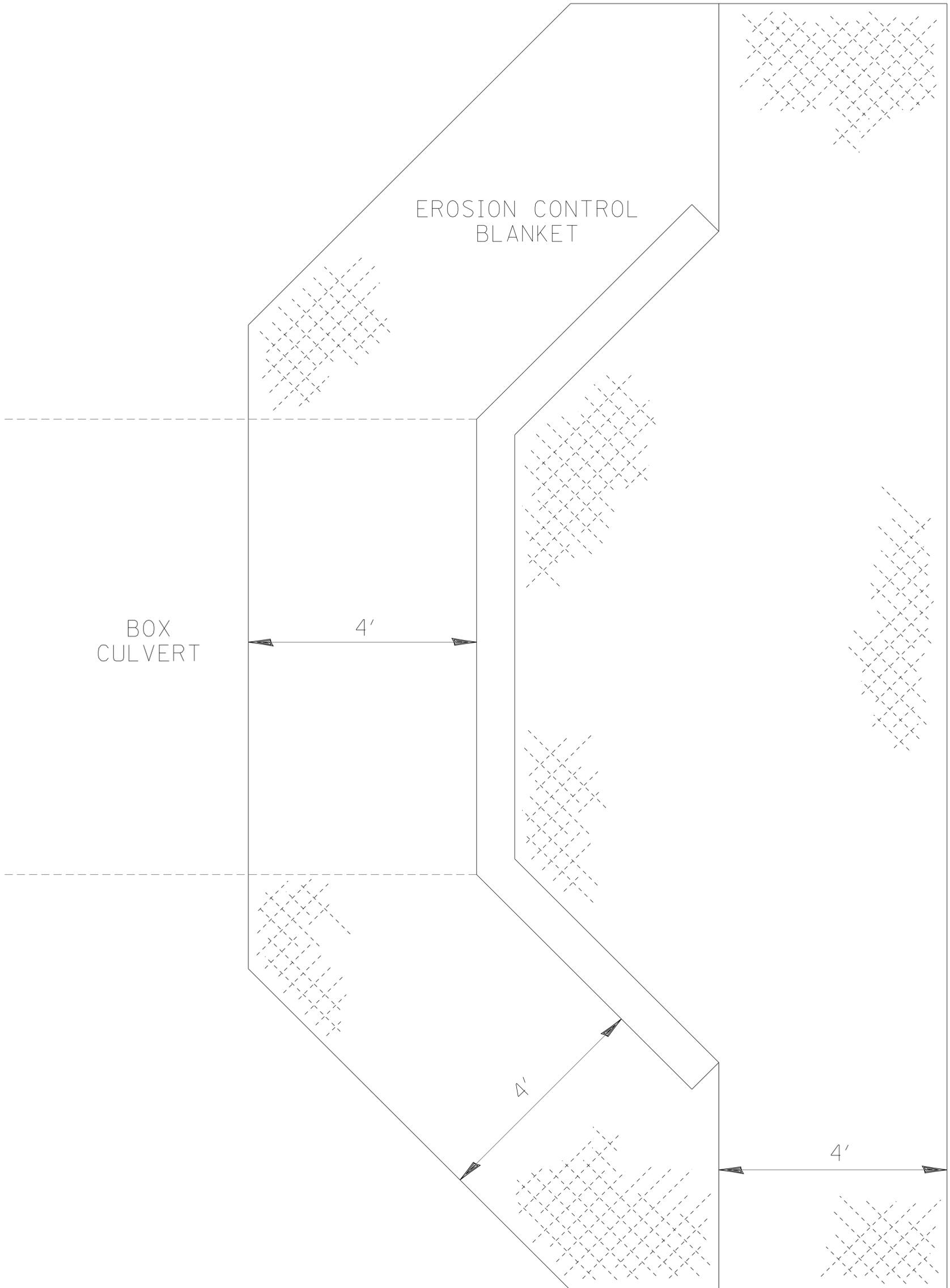


EROSION CONTROL BLANKET
AT MEDIAN INLET STD. 604101 OR STD. 640106



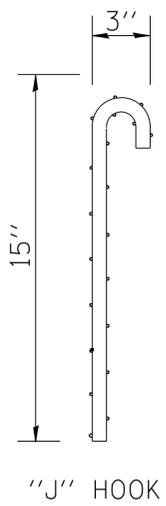
NOTE: PRC FLARED END SECTION SHOWN.
TREATMENT SAME FOR OTHER
END SECTIONS.

DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION

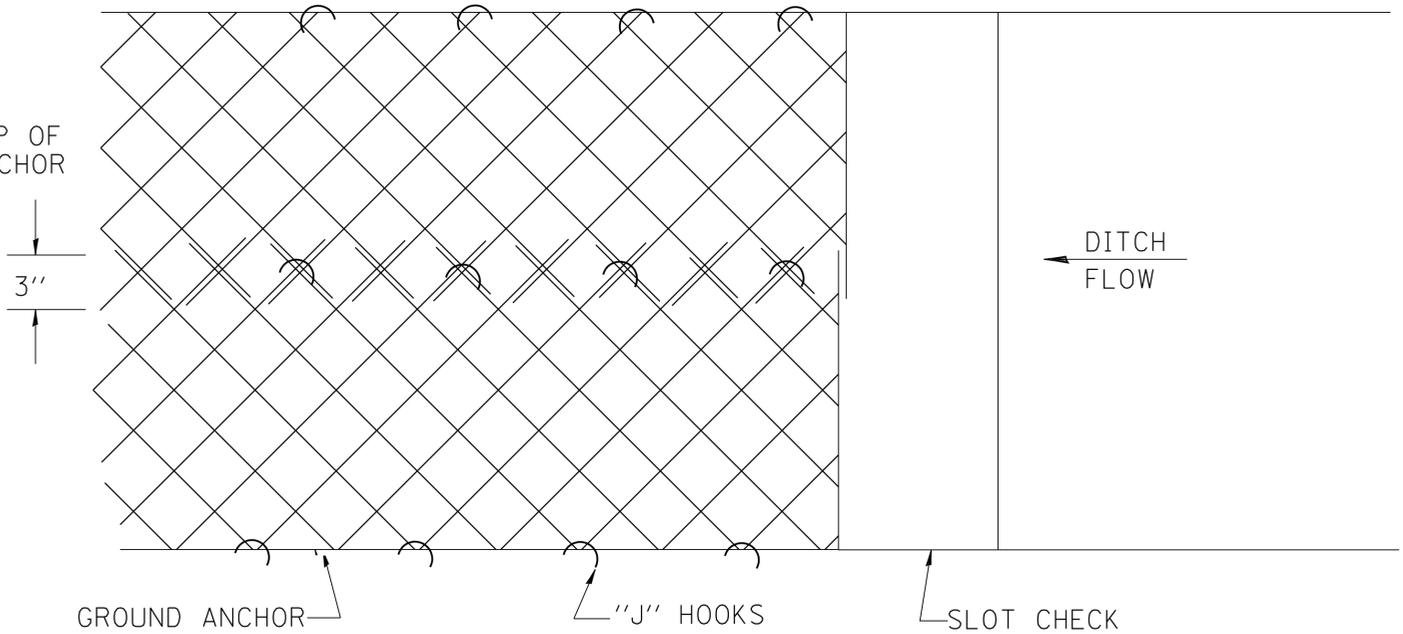


EROSION CONTROL BLANKET
AT BOX CULVERT END SECTIONS

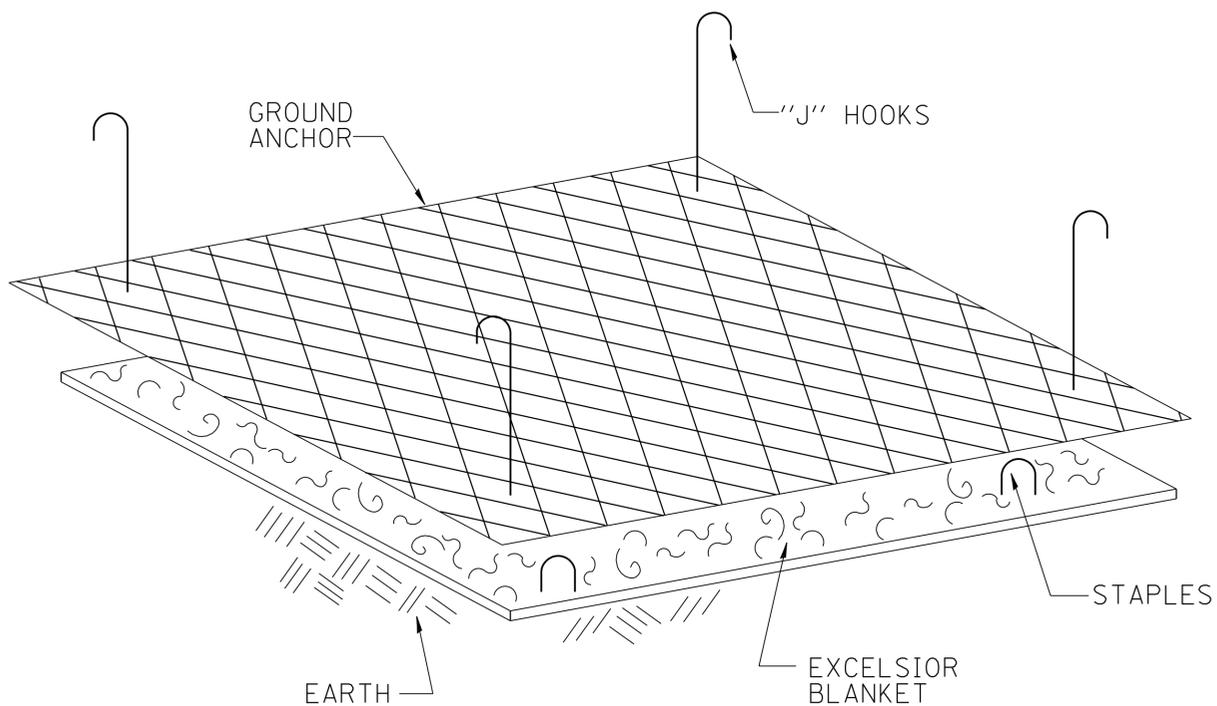
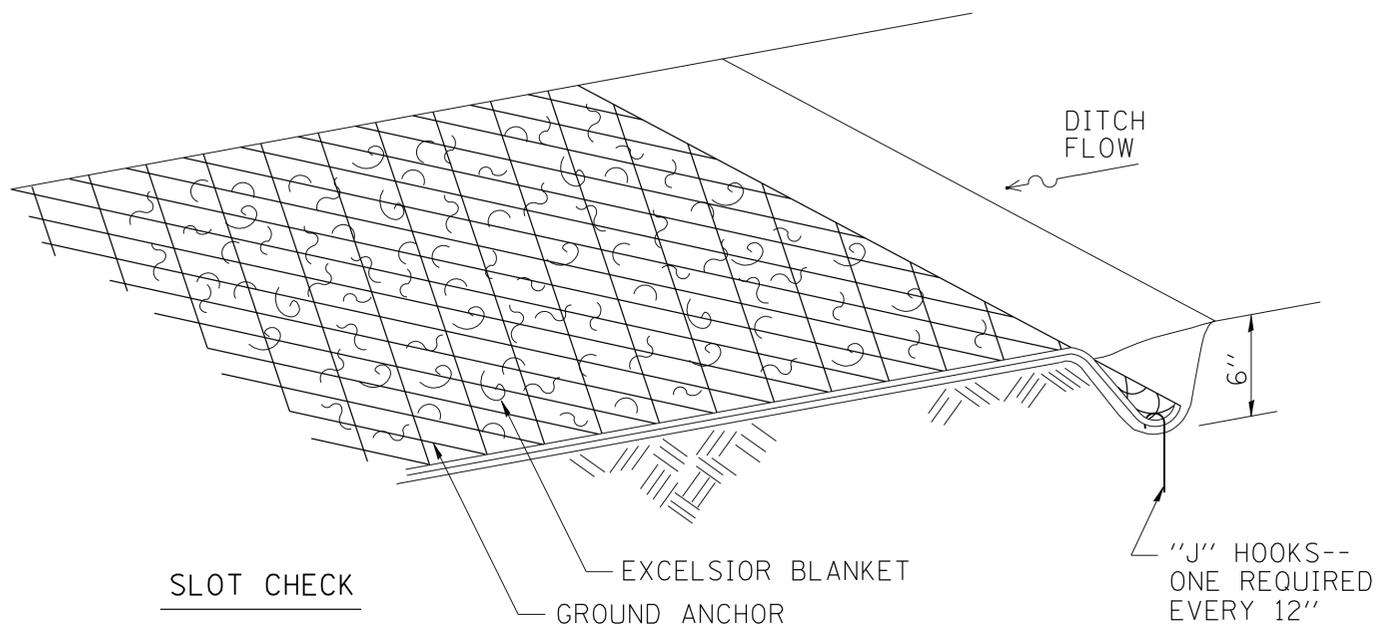
"J" HOOKS--ONE REQUIRED EVERY 4' OF GROUND ANCHOR & AT 4' SPACING OF OVERLAP AND OUTER EDGES.



3" OVERLAP OF GROUND ANCHOR ONLY



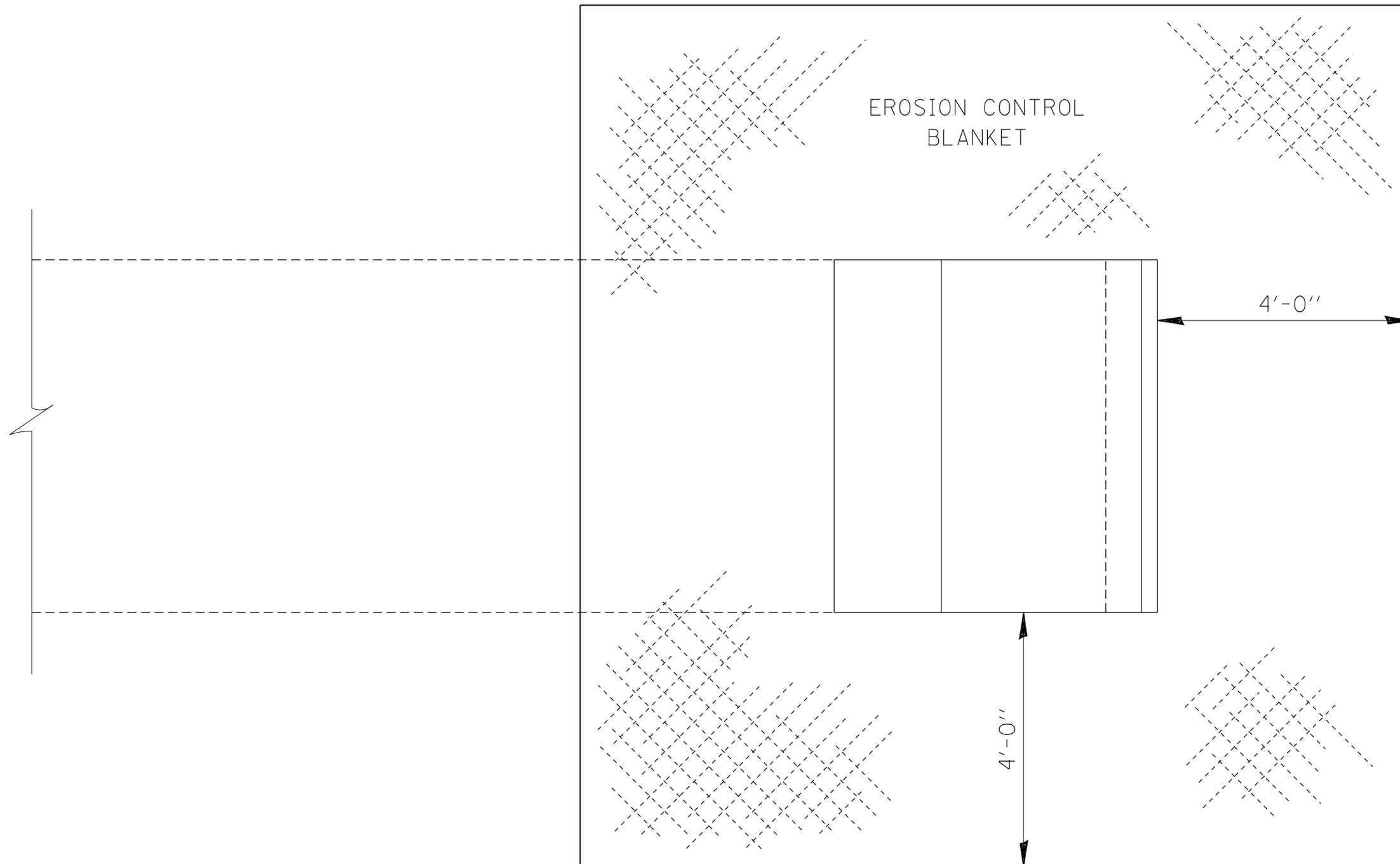
TOP VIEW
OVERLAPPING OF GROUND ANCHOR



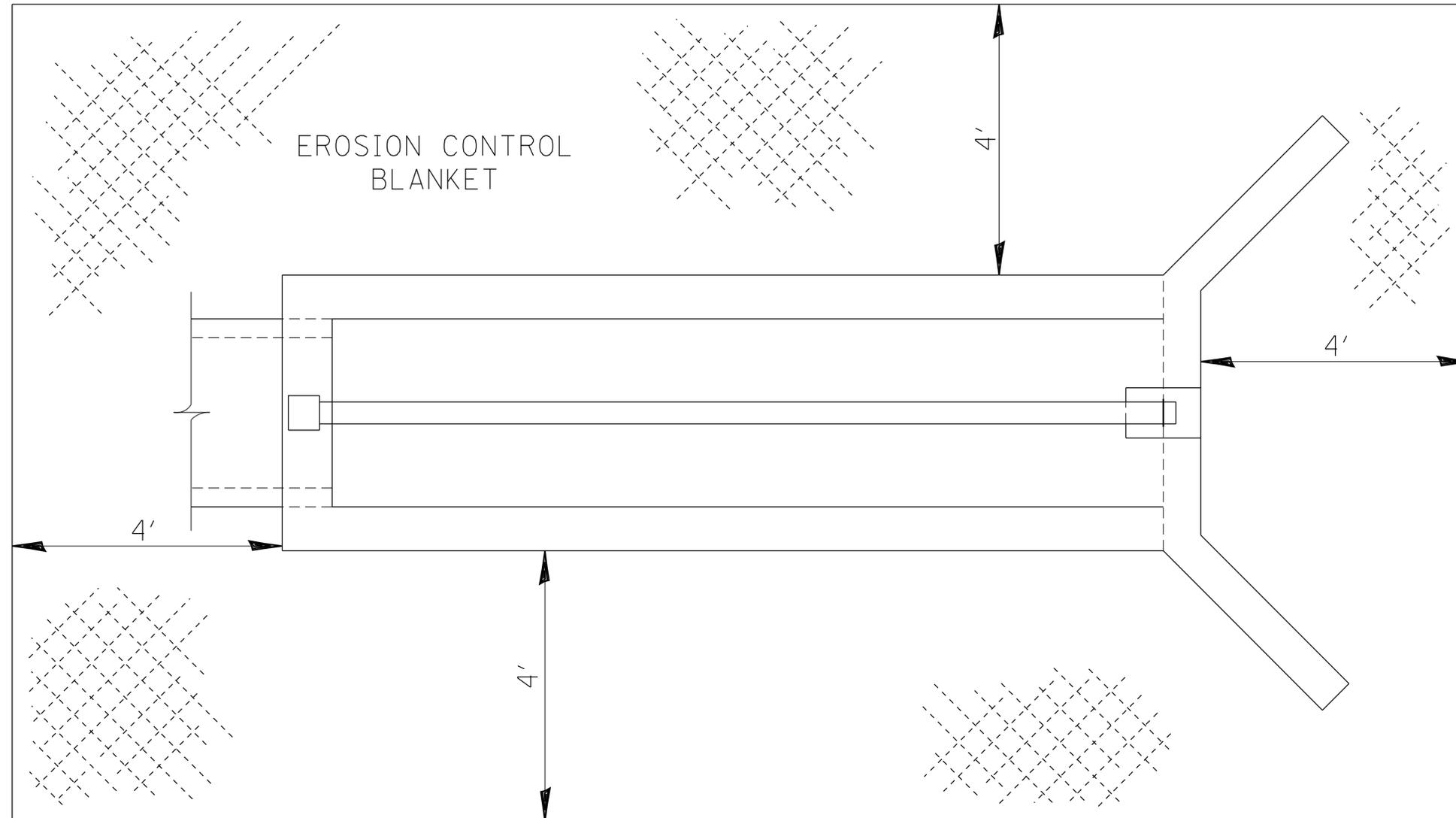
NOTES:

1. EXCELSIOR BLANKET IS STAPLED INTO GROUND.
2. GROUND ANCHOR GOES OVER EXCELSIOR BLANKET AND IS FASTENED WITH "J" HOOKS EVERY 4 FEET.
3. PAY WIDTH WILL BE MEASURED TO OUT-TO-OUT OF GROUND ANCHOR WITH NO CONSIDERATION FOR OVERLAPS.

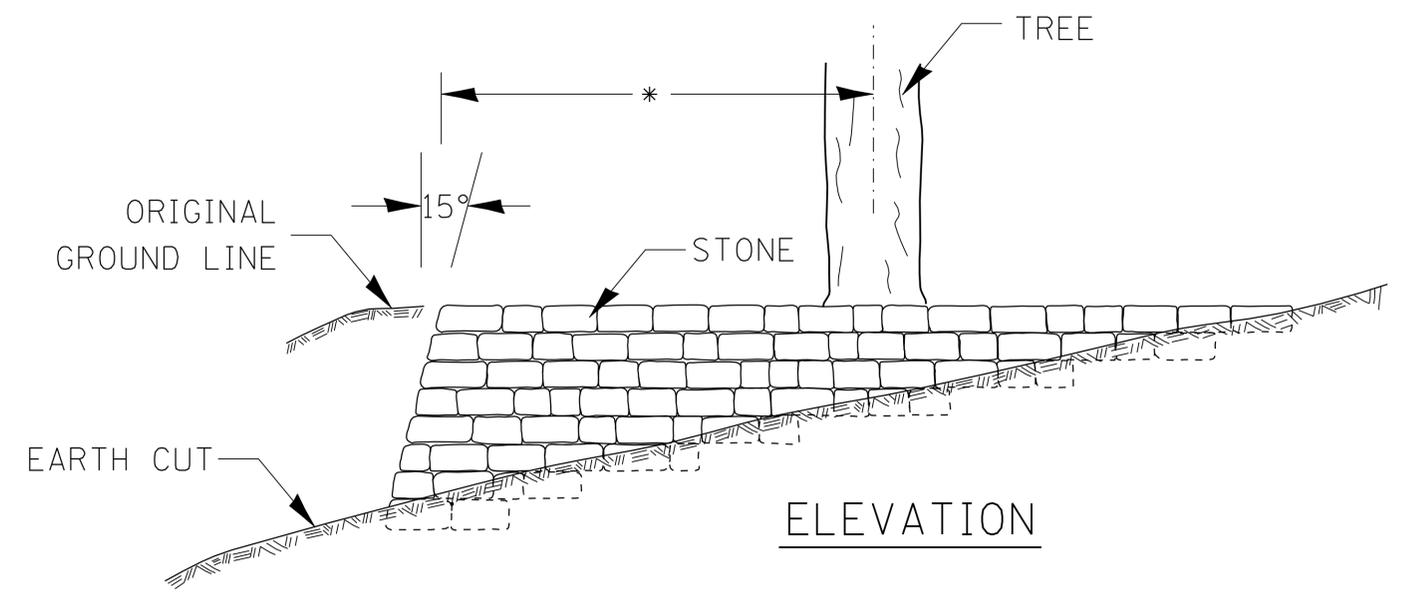
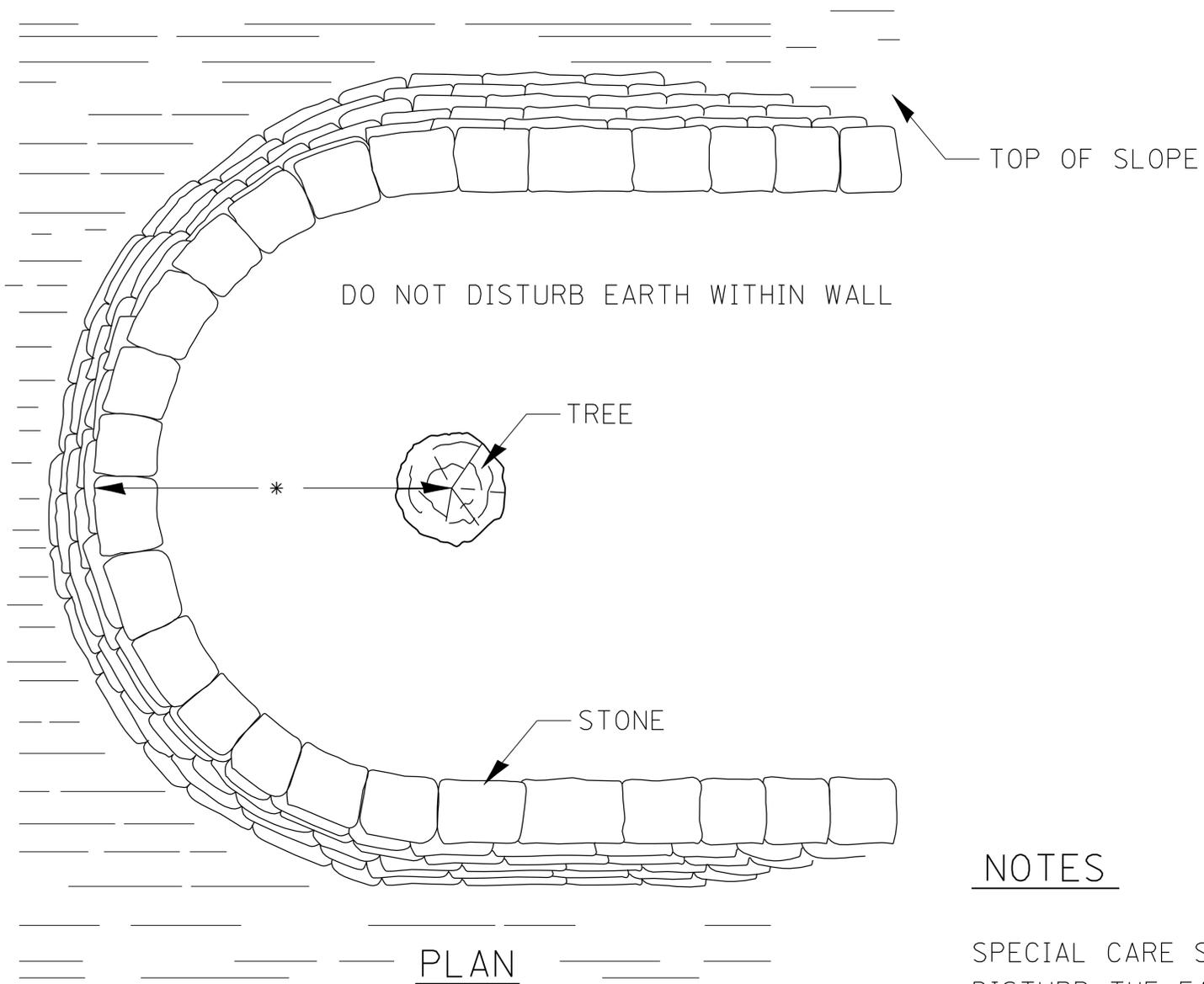
EXCELSIOR BLANKET (SPECIAL) DETAILS



**EROSION CONTROL BLANKET AT PRECAST
BOX CULVERT END SECTIONS**



EXCELSIOR BLANKET PLACEMENT FOR
INLET BOXES STD. 542501 THROUGH STD. 542546



HEIGHT OF WALL DEPENDENT ON SLOPE OF THE CUT.

* THE RADIUS OF THE TREE WALL SHALL BE DETERMINED BY MULTIPLYING 6 BY THE DIAMETER OF THE TREE, WITH A MAXIMUM OF A 12' RADIUS.

NOTES

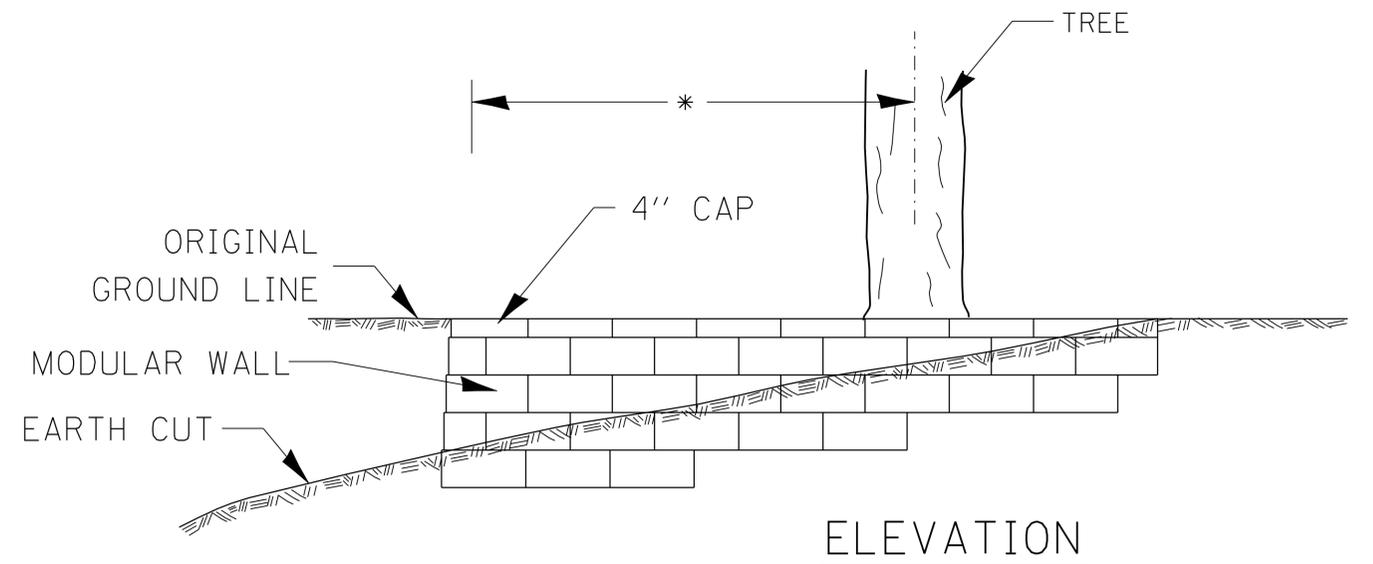
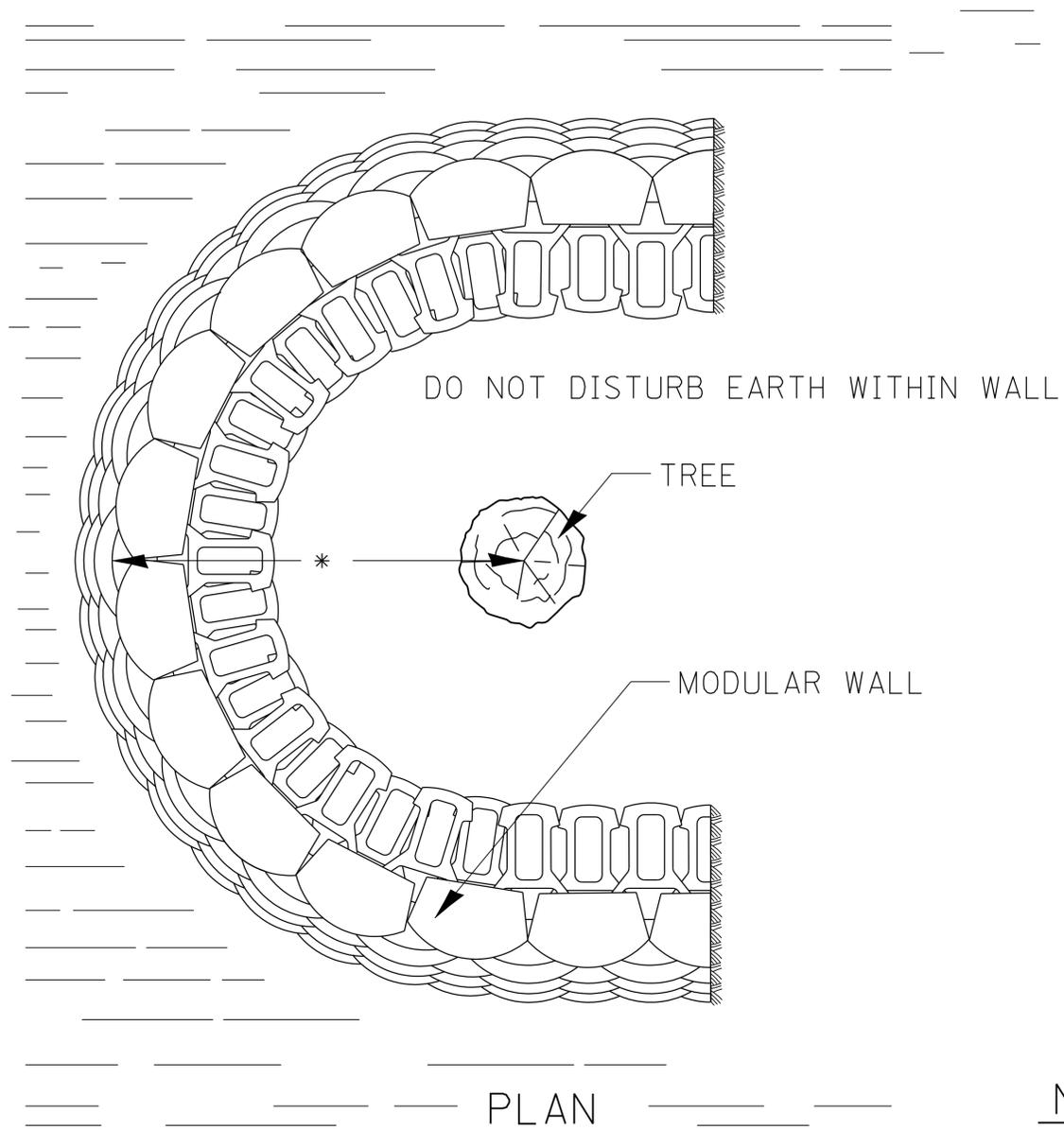
SPECIAL CARE SHALL BE TAKEN BY THE CONTRACTOR NOT TO DISTURB THE EARTH OR THE ROOTS WITHIN THE PROPOSED TREE WALL.

THE MINIMUM SIZE OF RUBBLE STONE USED IN THE CONSTRUCTION OF THE TREE WALL SHALL BE 4" IN THICKNESS AND 6" IN LENGTH AND WIDTH. FOR PAYMENT PURPOSES THE HORIZONTAL THICKNESS OF THE STONE SHALL BE CONSIDERED AS 12".

THESE TREE WALLS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. FOR DRY RUBBLE STONE TREE WALLS WHICH PRICE SHALL INCLUDE THE FURNISHING AND PLACING OF ALL MATERIALS REQUIRED FOR A COMPLETE INSTALLATION.

253-1

RUBBLE STONE TREE WALL



HEIGHT OF WALL DEPENDENT ON SLOPE OF THE CUT.

* THE RADIUS OF THE TREE WALL SHALL BE DETERMINED BY MULTIPLYING 6 BY THE DIAMETER OF THE TREE, WITH A MAXIMUM OF A 12' RADIUS.

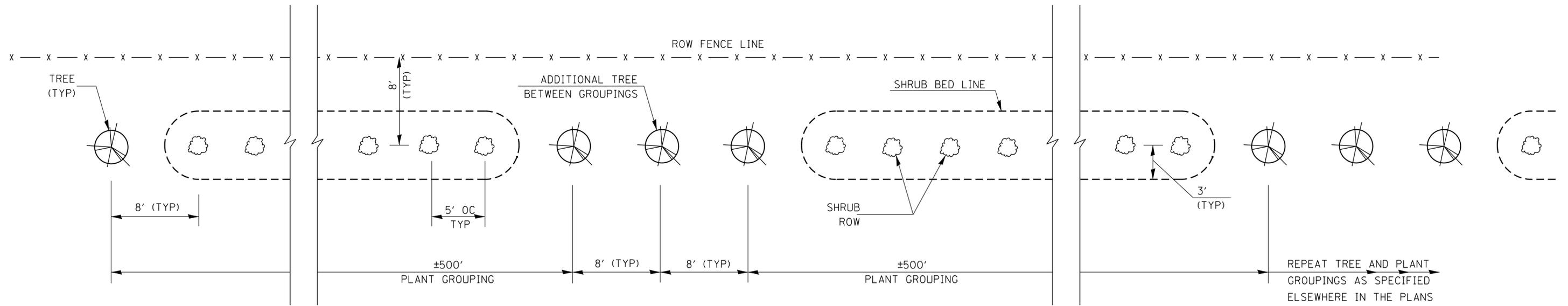
USE 8" HIGH BLOCKS EXCEPT WHEN HEIGHT OF WALL IS LESS THAN 24". THEN 4" HIGH BLOCKS SHALL BE USED.

NOTES

SPECIAL CARE SHALL BE TAKEN BY THE CONTRACTOR NOT TO DISTURB THE EARTH OR THE ROOTS WITHIN THE PROPOSED TREE WALL.

THESE TREE WALLS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR MODULAR RETAINING WALL SYSTEM INCLUDED IN THIS SHALL BE THE FACE OF THE WALL THAT ARE BURIED.

TREE WALL



↕
INTERSTATE

TREE AND SHRUB PLACEMENT DETAIL

NOTES

FOR E-W ROADWAYS, PLACE PLANTINGS NORTH OF HIGHWAY
FOR N-S ROADWAYS, PLACE PLANTINGS WEST OF HIGHWAY

PLACEMENT OF SHRUBS AND TREES SHALL NOT INTERFERE WITH
EXISTING PREVIOUSLY DEPARTMENT PLANTED SHRUB OR TREE LINES

EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER

USE EXISTING SNOW FENCE LOCATIONS AS A GUIDE FOR PROPOSED
PLANTING LOCATIONS

ONE ±500' PLANT GROUPING SHALL CONSIST OF 2 TREES AND
APPROXIMATELY 97 SHRUBS

ONLY ONE TYPE OF SHRUB SHALL BE USED PER EACH ±500' PLANT
GROUPING

DESIGNER NOTES

PLANS MUST INCLUDE A PLANTING SCHEDULE

253-3

NOT TO SCALE

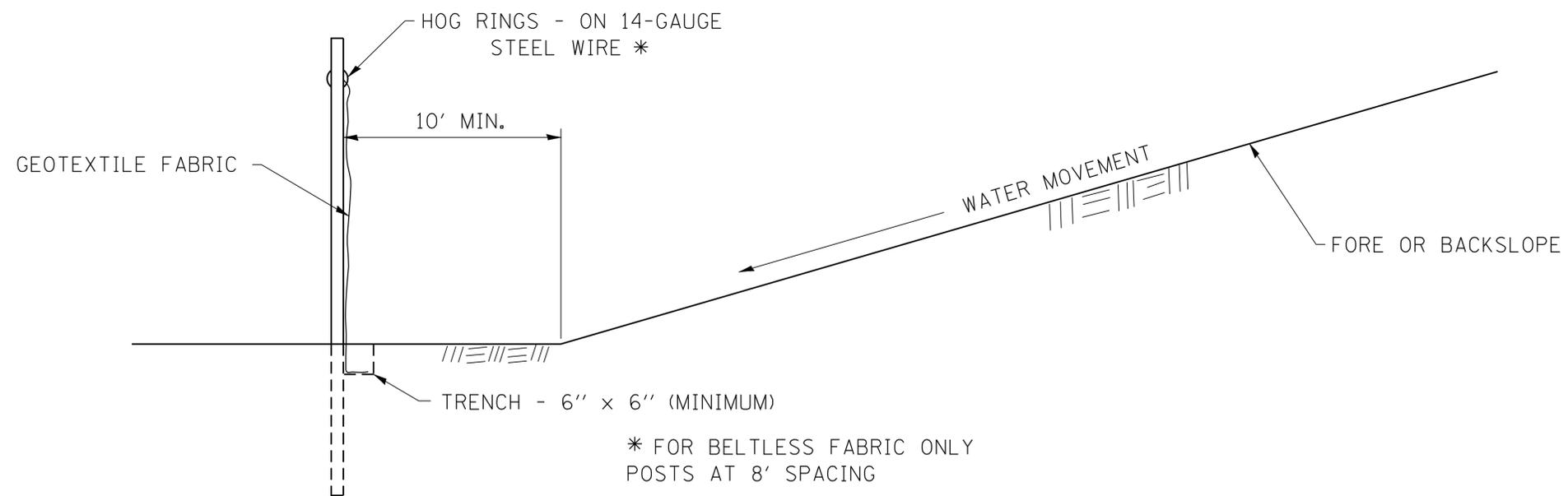
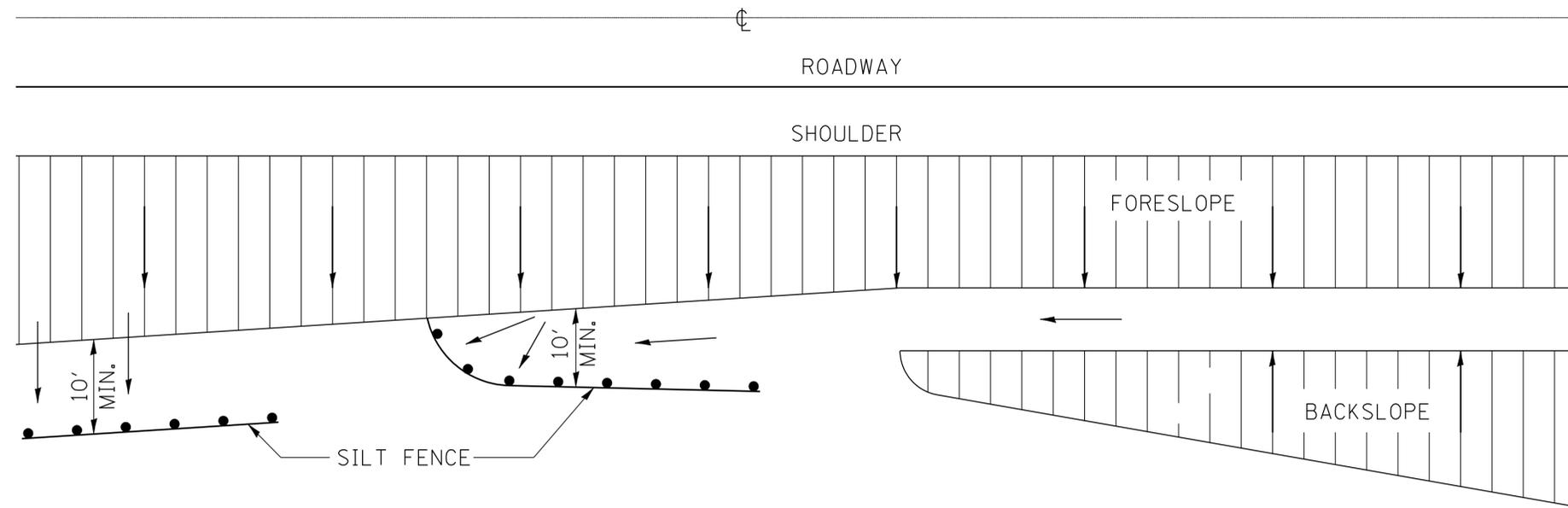
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLANTING DETAIL

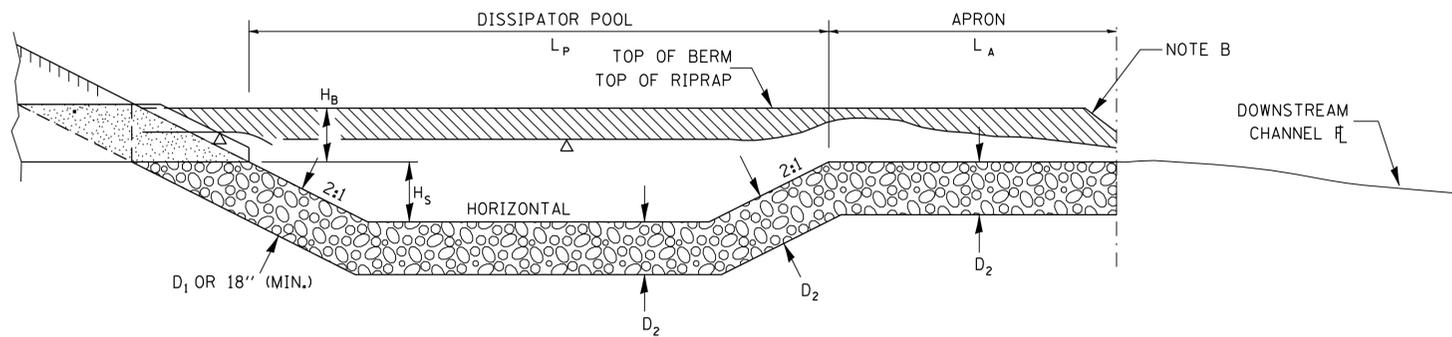
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO.	



DETAILS OF SILT FENCE

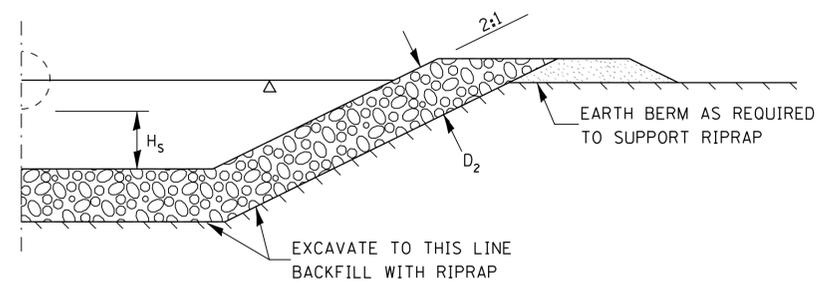
EROSION CONTROL DETAILS
FOR SILT FENCE



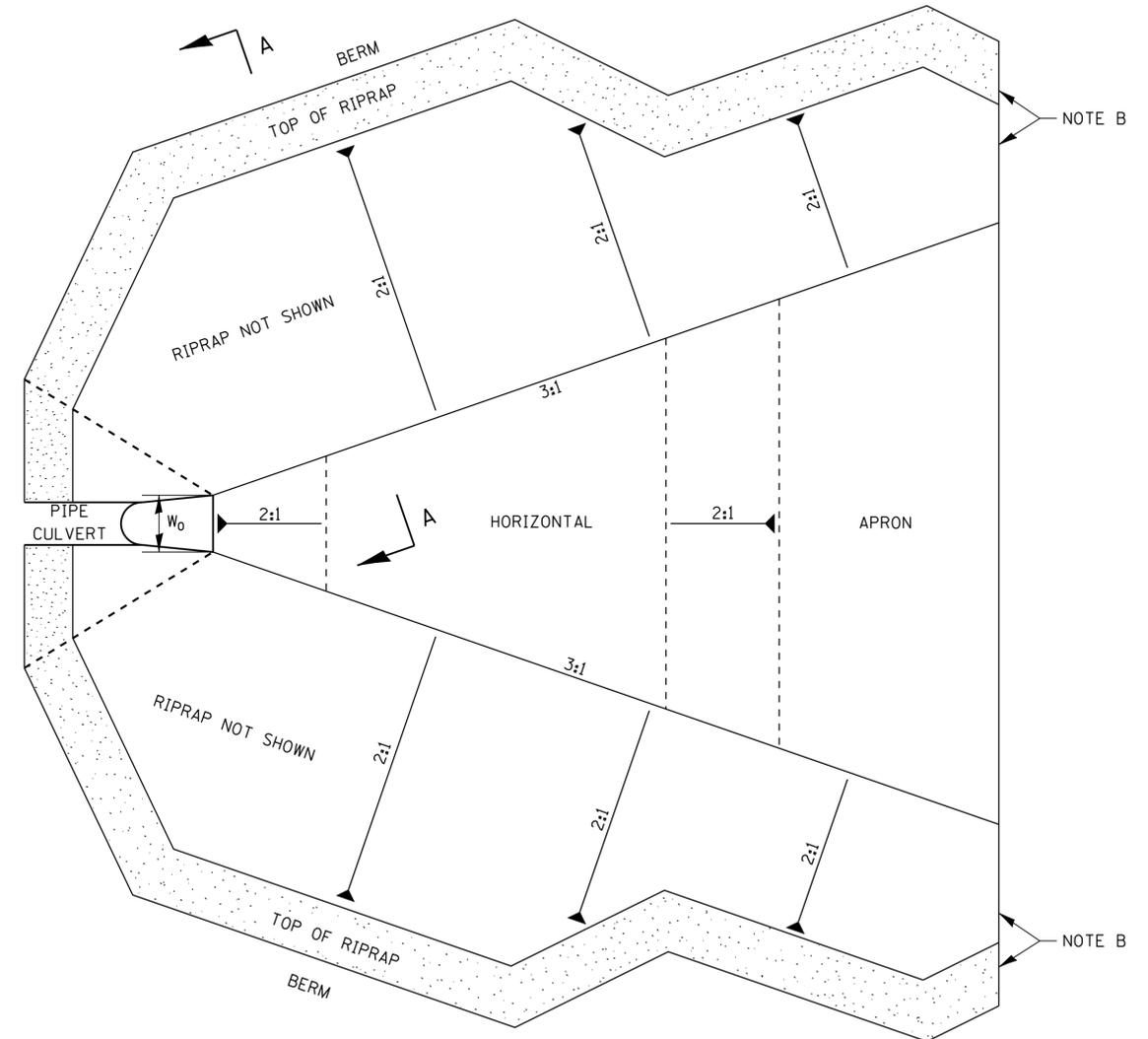
SECTION

STATION	W ₀	L _p	L _a	H _s	H _B	D ₁	D ₂

NOTE B: WARP BASIN TO CONFORM TO NATURAL STREAM CHANNEL.



SECTION A-A



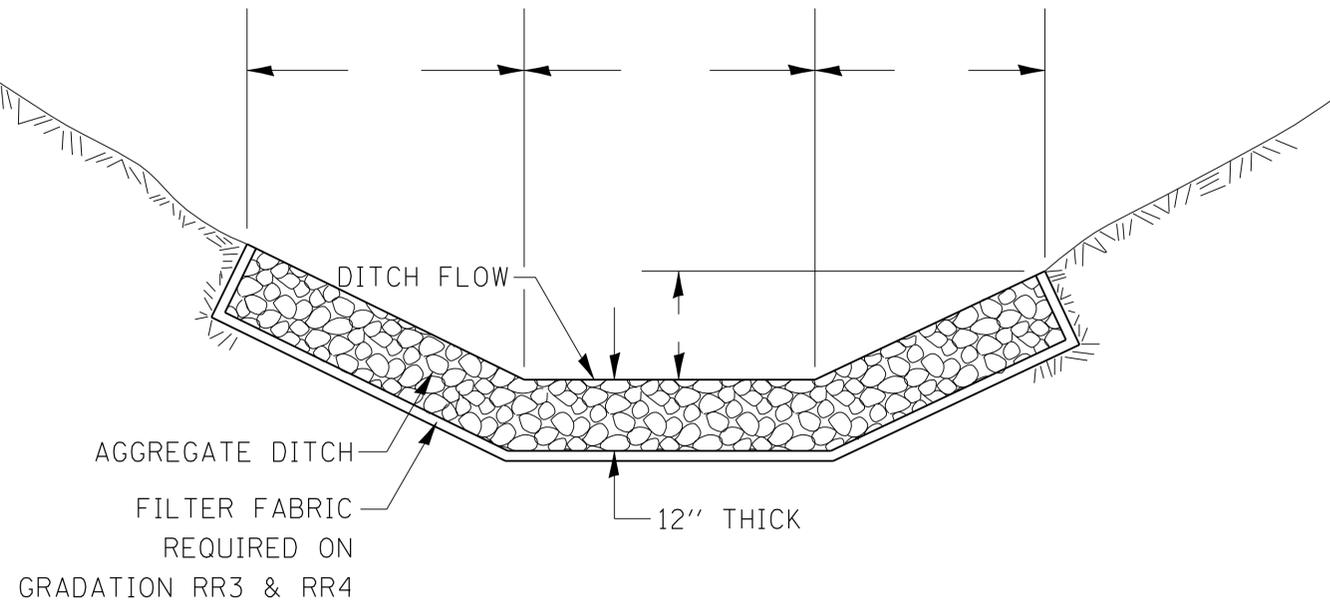
TOP VIEW

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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RIPRAPPED CULVERT ENERGY BASIN			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DESIGNER NOTES

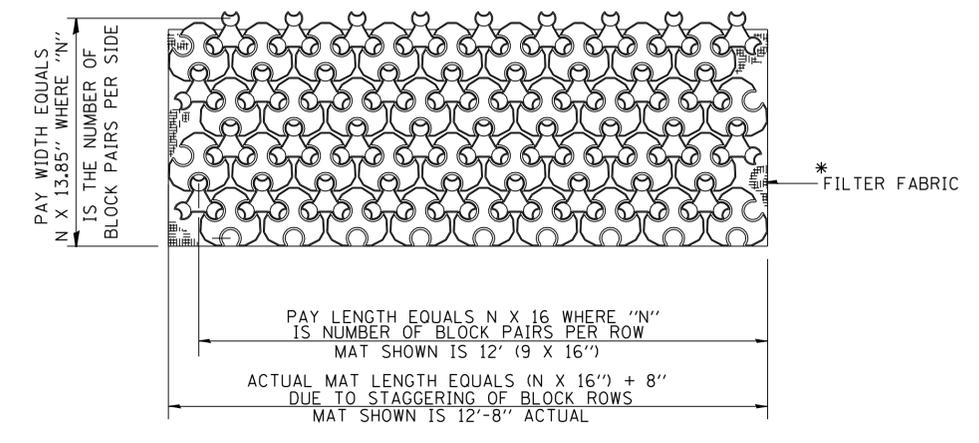
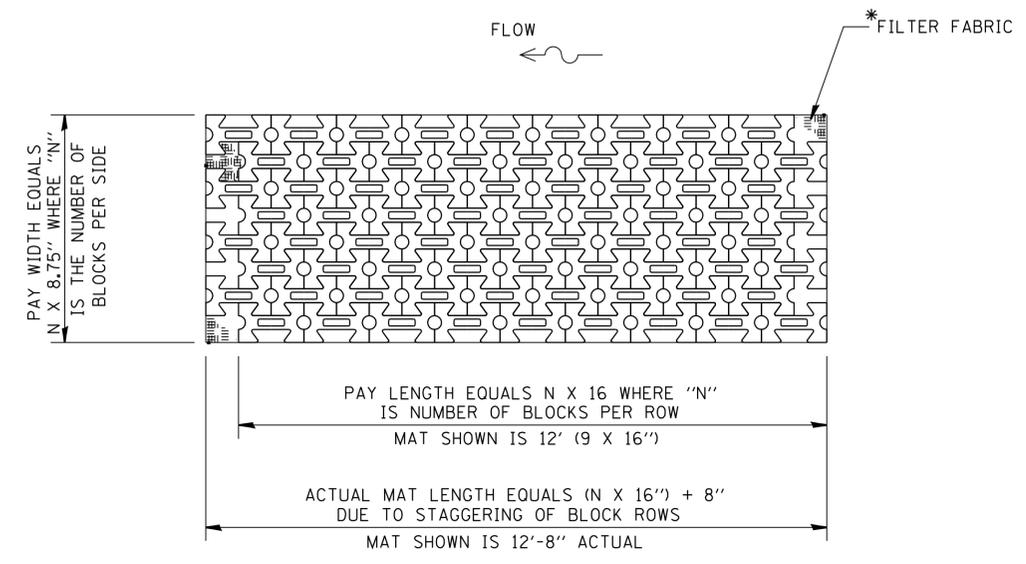
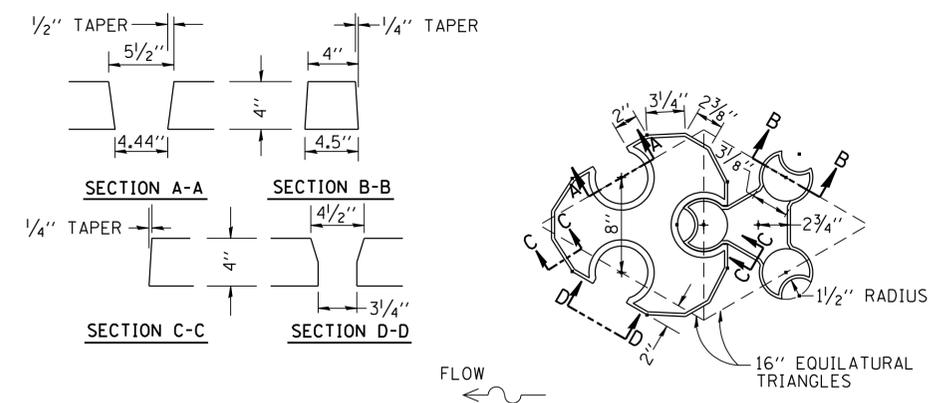
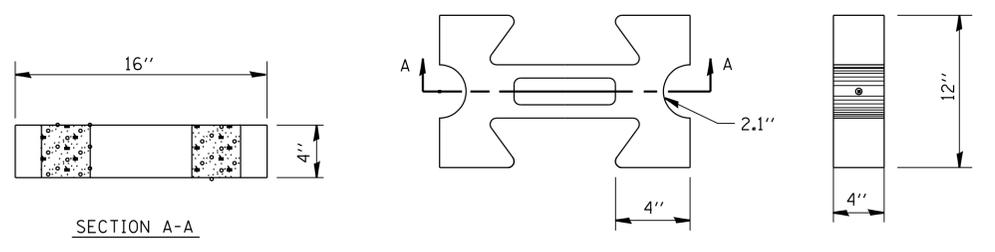
- 1) CLASS A3 OR A4 CAN BE USED FOR DITCH LINING. USE A4 FOR VELOCITIES GREATER THAN 12 FPS. A3 MAY BE USED AS AN ALTERNATE TO FIBERMAT.
- 2) INCLUDE PAY ITEM FOR FILTER FABRIC FOR USE WITH RIPRAP. NOTE THE SPECIFICATION BOOK DOES NOT REQUIRE FABRIC ON A3 BUT INCLUDE IT WHEN USING THIS STANDARD.
- 3) EXAMPLE: CLASS A4 MEANS A QUALITY AND GRADATION RR 3. SEE ARTICLE 1005.01 FOR SIZE.
- 4) REMEMBER TO FILL IN THE DIMENSIONS ON THE DITCH SECTION ABOVE.
- 5) ADD THE CLASS A3 OR A4 TO THE NOTE ON THE BOTTOM RIGHT.
- 6) USE PAY ITEM 28300470 AGGREGATE DITCH 12"

CLASS _____ WILL BE REQUIRED ON THIS PROJECT AT THE LOCATION SHOWN ON THE PLANS.

THIS WORK SHALL BE DONE ACCORDING TO SECTION 283 OF THE STANDARD SPECIFICATION. AGGREGATE DITCH WILL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE YARD OF ACTUAL SURFACE AREA. AGGREGATE DITCH WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR AGGREGATE DITCH, 12".

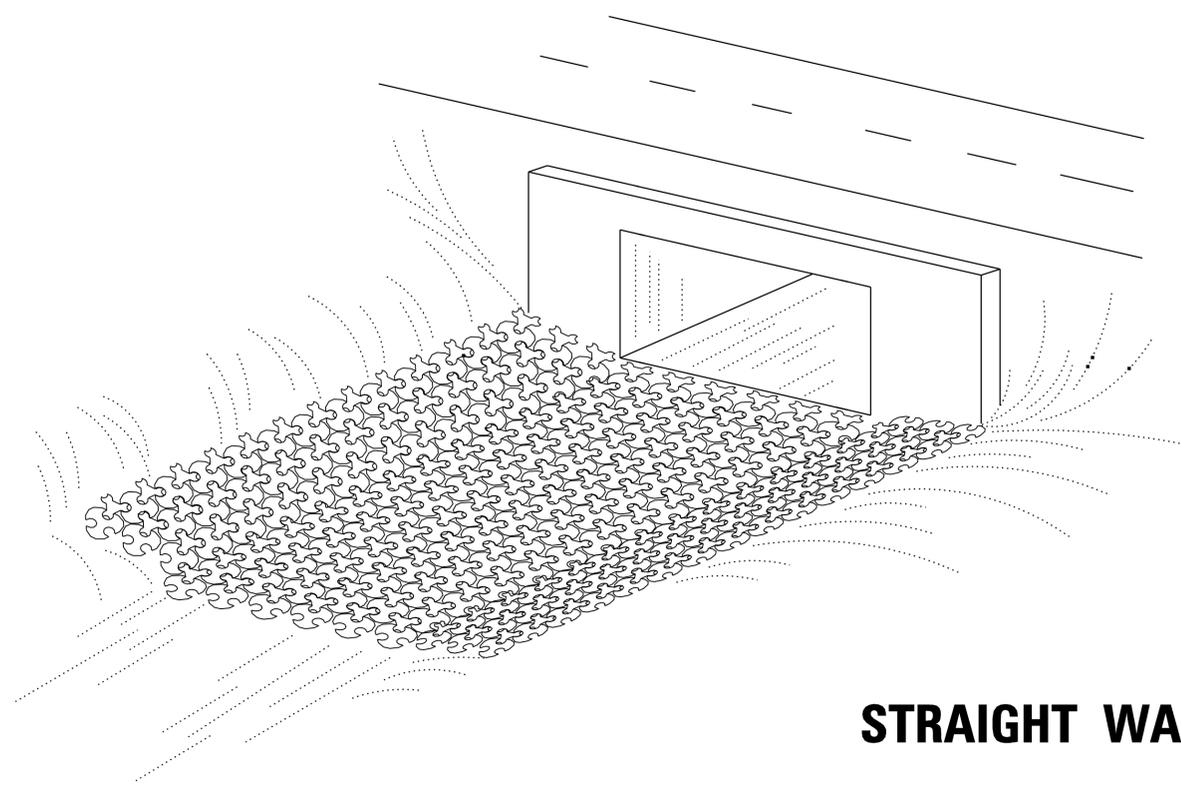
283-1

AGGREGATE DITCH FOR FLEXIBLE DITCH LINING

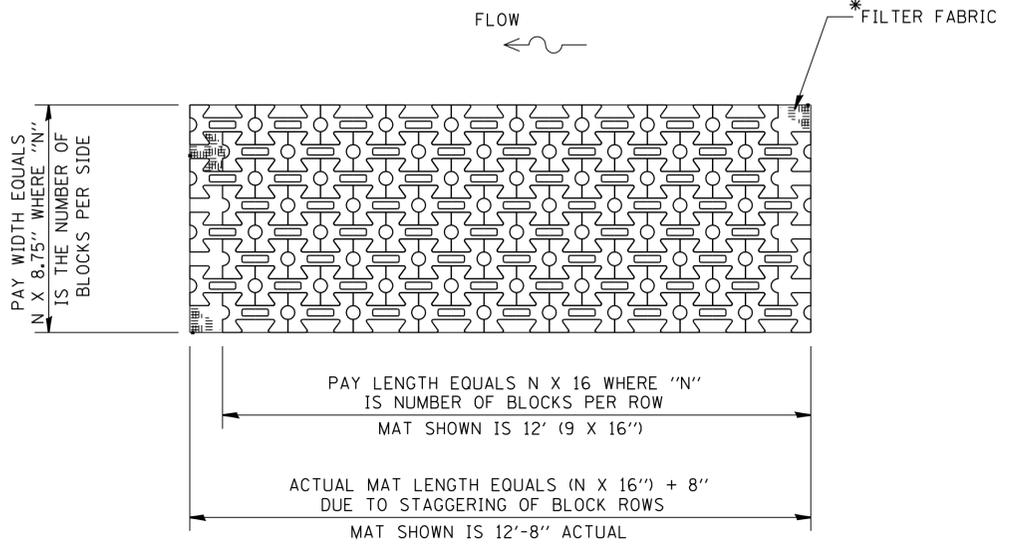
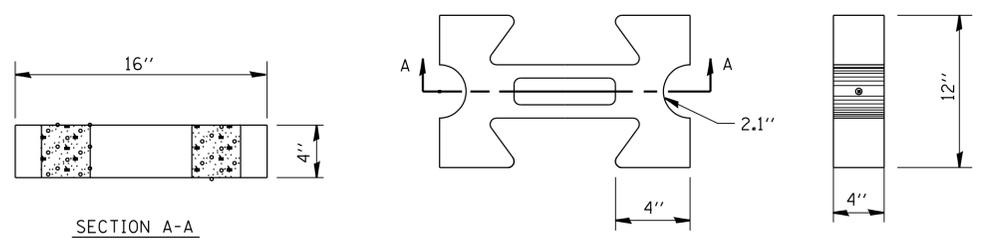


OPTION B

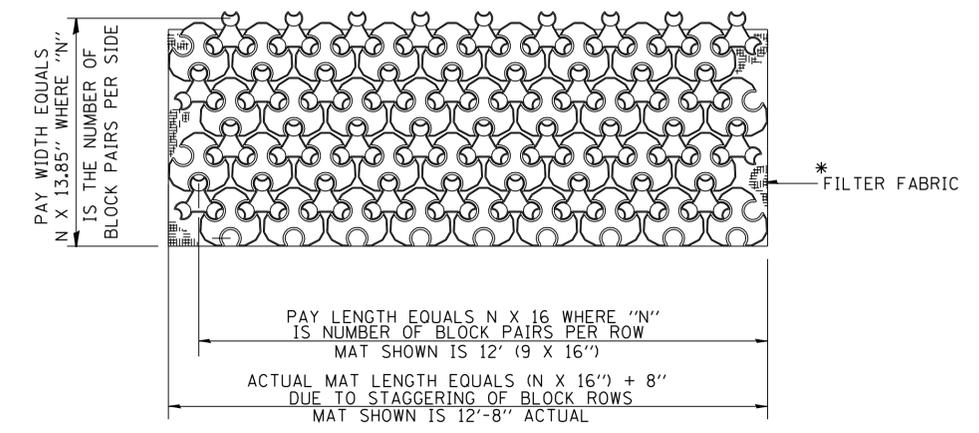
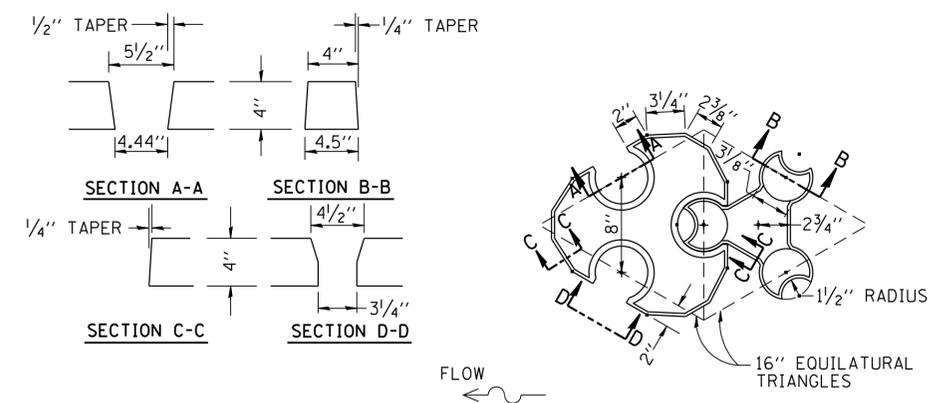
OPTION A



STRAIGHT WALL - 285-2



OPTION B



* FILTER FABRIC SHALL COVER THE SAME AREA AS THE MAT WITH 12" TOE WALLS AT ALL EXTERIOR LIMITS.

OPTION A

