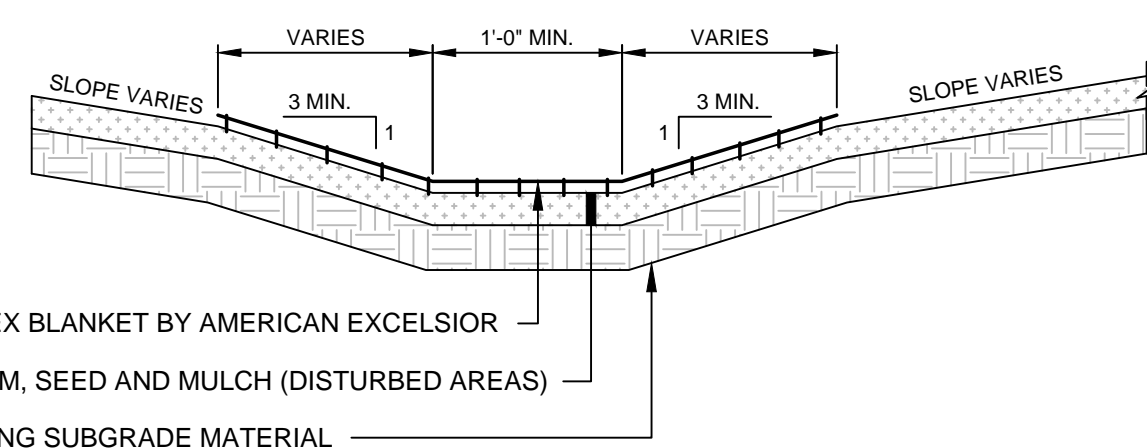
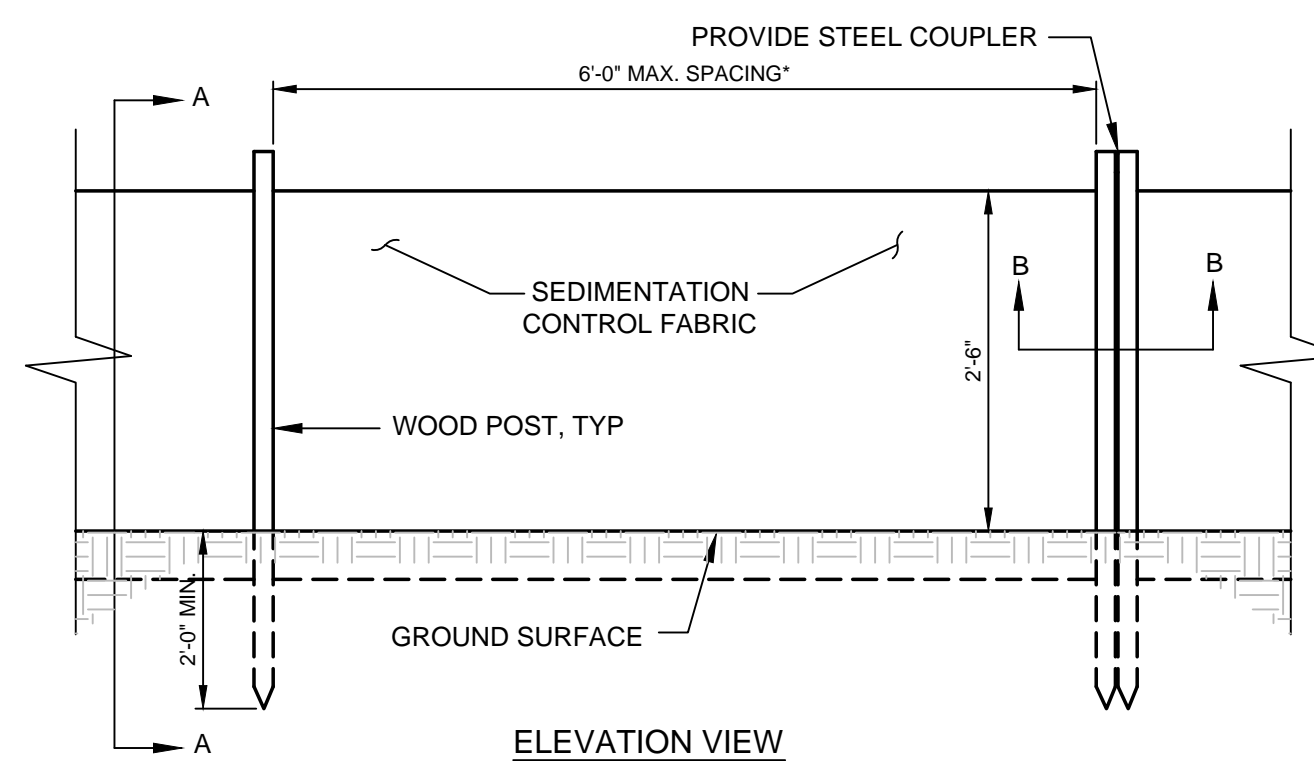


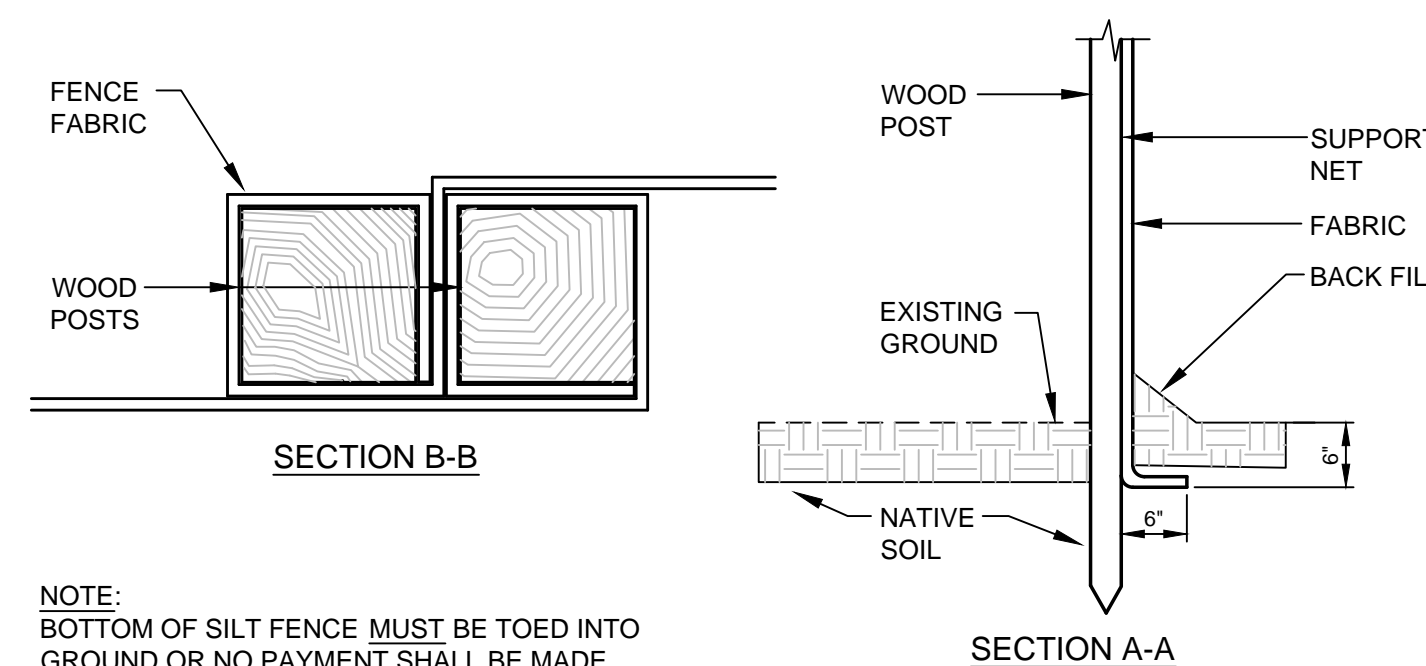
NOTE:
REFER TO GRADING PLAN FOR DITCH WIDTH AND SIDE SLOPES.



(A) VEGETATED DRAINAGE SWALE
N.T.S.

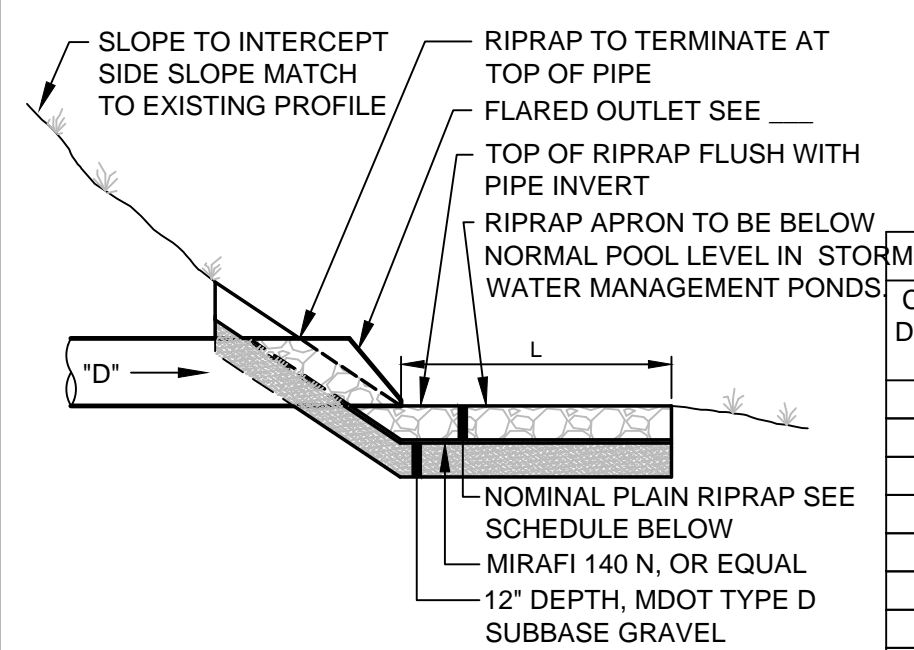


*NOTE:
THE SILT FENCE SHOULD HAVE A MAXIMUM STAKING DISTANCE OF 6'
UNLESS THE FENCE IS SUPPORTED BY WIRE FENCE REINFORCEMENT
A MAXIMUM 14 GAUGE AND WITH A MINIMUM MESH SPACING OF 6\".



NOTE:
BOTTOM OF SILT FENCE MUST BE TOED INTO
GROUND OR NO PAYMENT SHALL BE MADE.
SEE EROSION / SEDIMENT CONTROL PLAN
DRAWINGS FOR SILT FENCE INSTALLATION
SCHEDULE.

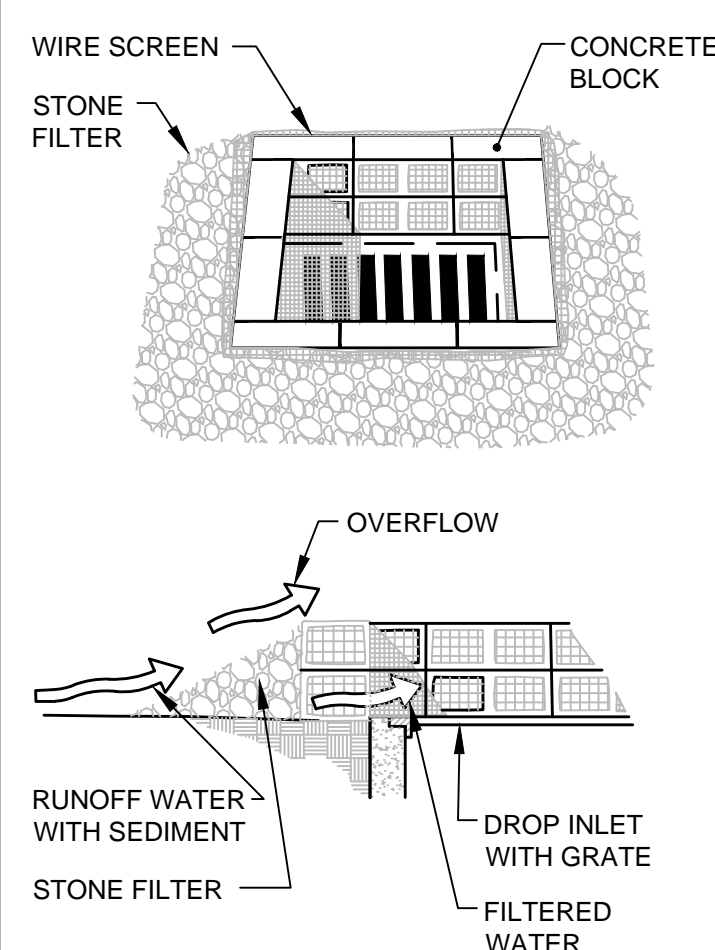
(D) SILTATION FENCE DETAIL
N.T.S.



SCHEDULE				
CULVERT DIAMETER (D)	WIDTH (W)	LENGTH (L)	STONE D ₅₀	RIPRAP THICKNESS
12"	8'	10'	6"	14"
15"	8'	10'	6"	14"
18"	10'	14'	6"	14"
24"	12'	16'	9"	21"
30"	12'	16'	12"	27"
36"	20'	24'	12"	27"
42"	24'	26'	12"	27"
48"	28'	32'	12"	27"

NOTE:
RIPRAP GRADATION AND PLACEMENT - THE
RIPRAP GRADATION SHALL BE A
WELL-GRADED MIX FROM ABOUT 1.5 TIMES
THE D SIZE TO ABOUT 25 PERCENT OF THE
D SIZE. THE RIPRAP STONES SHALL BE
CAREFULLY PLACED WORKING FROM THE
TOE OF THE SLOPE UPWARD. THE STONES
SHOULD BE LOWERED TO THE SLOPE AND
NOT BE ALLOWED TO DROP MORE THAN 12
INCHES ONTO THE GEOTEXTILE. THE
FINISHED SURFACE SHALL BE A RELATIVELY
SMOOTH UNIFORMLY SLOPED SURFACE.

(B) PIPE/CULVERT OUTLET APRON
N.T.S.



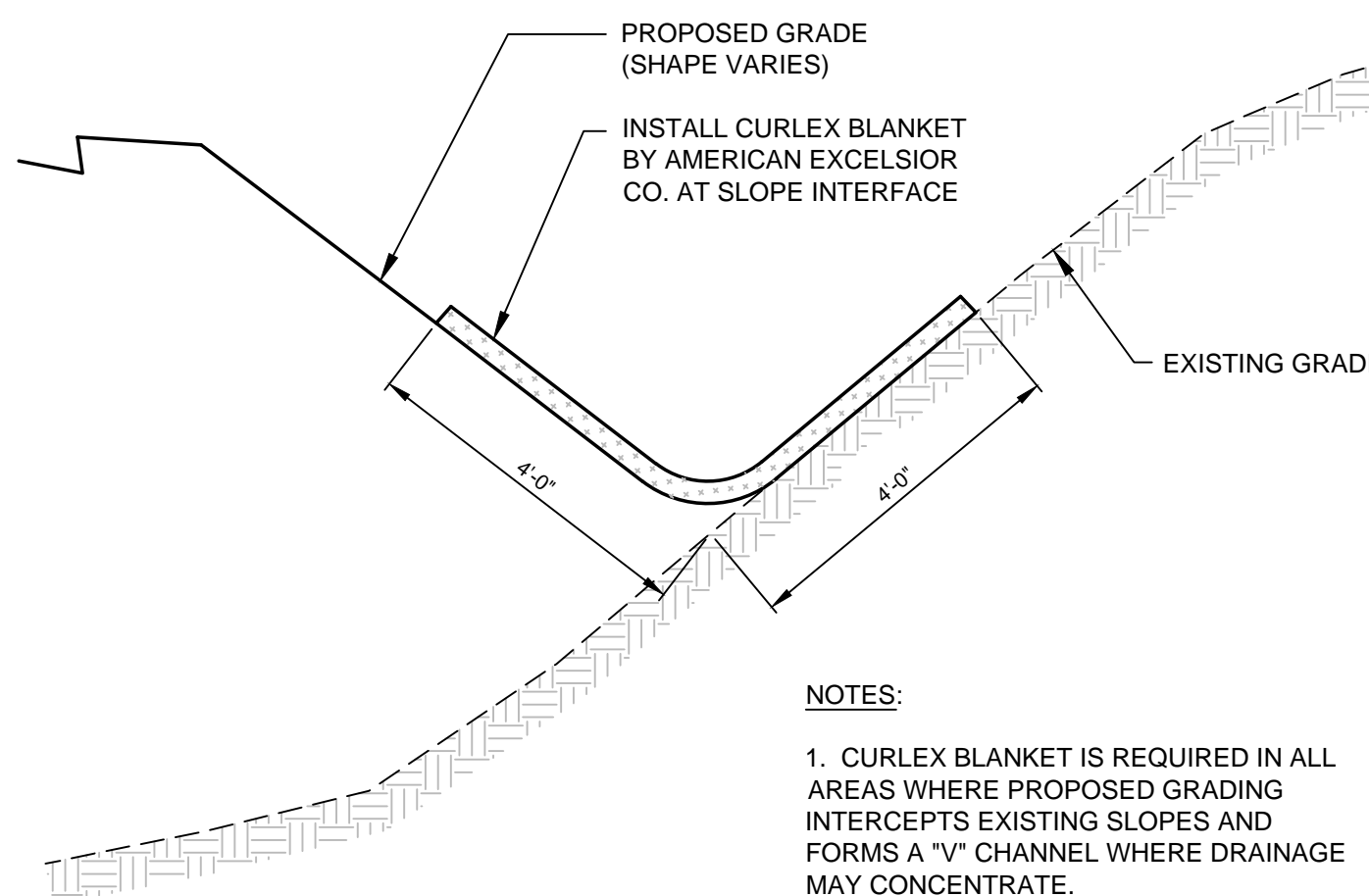
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.

NOTES:

1. PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET, WITH THE ENDS OF ADJACENT BLOCKS ABUTTING. THE HEIGHT OF THE BARRIER CAN BE VARIED, DEPENDING ON DESIGN NEEDS, BY STACKING COMBINATIONS OF 4', 8' AND 12' WIDE BLOCKS. THE BARRIER OF BLOCKS SHALL BE AT LEAST 12 INCHES HIGH, AND NO GREATER THAN 24" HIGH.
2. WIRE MESH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (WEBBING) OF THE CONCRETE BLOCKS TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS SHALL BE USED.
3. STONE SHALL BE PILED AGAINST THE WIRE TO THE TOP OF THE BLOCK BARRIER, AS SHOWN IN DETAIL. THE STONE FILTER SHALL BE 3/4" CRUSHED STONE.
4. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE BLOCKS, CLEANED AND REPLACED.
5. PREMANUFACTURED SILT-SACKS™ MAY BE USED AS AN EQUIVALENT TO STONE SEDIMENT BARRIERS.

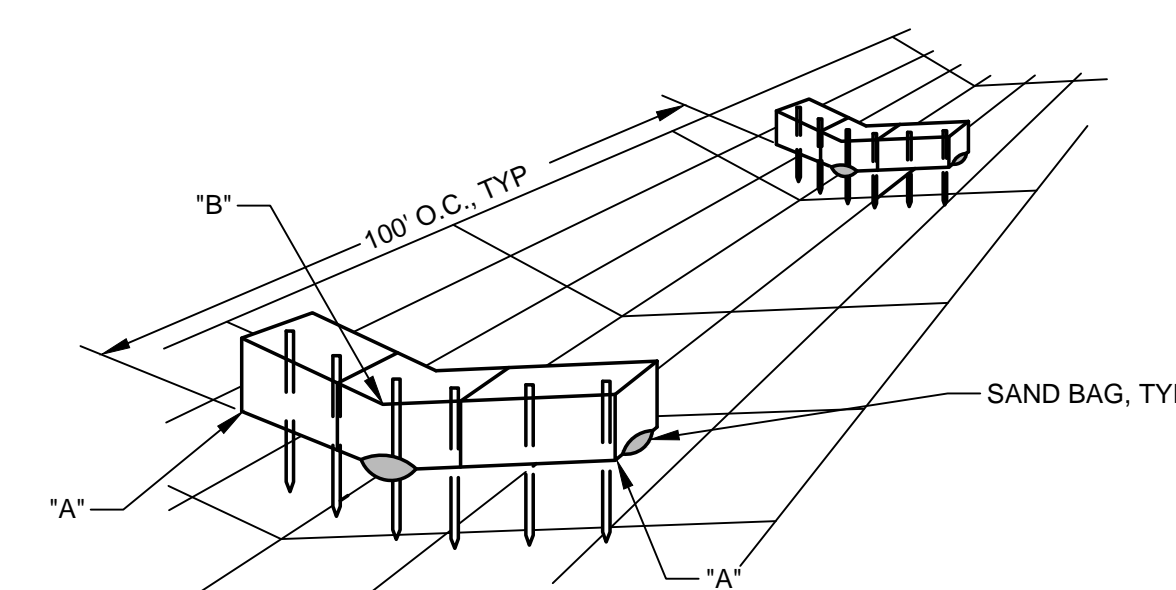
(C) STONE SEDIMENT BARRIER
N.T.S.



NOTES:

1. CURLEX BLANKET IS REQUIRED IN ALL AREAS WHERE PROPOSED GRADING INTERCEPTS EXISTING SLOPES AND FORMS A "V" CHANNEL WHERE DRAINAGE MAY CONCENTRATE.
2. STAPLE SIZE AND DISTRIBUTION PER MANUFACTURERS SPECIFICATION.

(E) CURLEX BLANKET DETAIL
N.T.S.



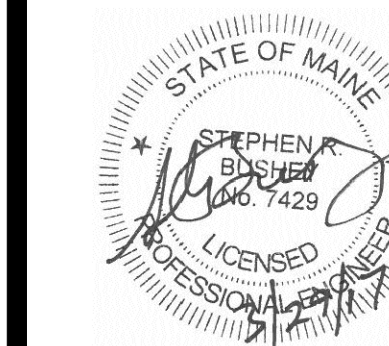
NOTE:

1. EROSION CHECKDAM TO BE OF BALES OF HAY SECURED TO THE GROUND WITH 2'-3' LONG GRADE STAKES FOR EACH BALE. SAND BAG AS REQUIRED. PLACE SUFFICIENT BALES TO ESTABLISH ELEVATIONS AT "A" AT LEAST 6" ABOVE OVERFLOW AT "B".

(H) HAYBALE CHECKDAM DETAIL
N.T.S.

File Name: 195350337 DETAILS	DD	SRB	SRB	16.11.29
	DWN	CHKD	DSGN	DATE

Permit-Seal



Client/Project
BRUNER/COTT

CHILDREN'S MUSEUM & THEATRE OF MAINE
THOMPSON'S POINT - PORTLAND, MAINE

Title
EROSION AND SEDIMENT CONTROL DETAILS

Project No. 195350337
Scale AS NOTED

Sheet