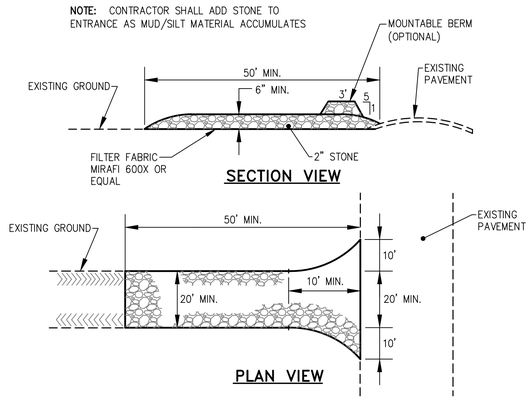


(A) STABILIZED CONSTRUCTION ENTRANCE

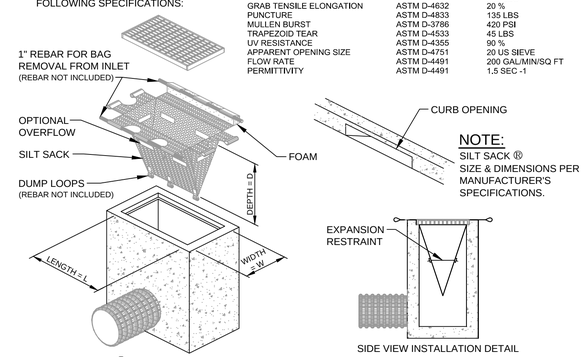
N.T.S.

NOTE: THE SILT SACK ® WILL BE MANUFACTURED FROM A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS:

HIGH-FLOW SILT SACK ® (FOR USE IN LOW POINTS/SAGS)

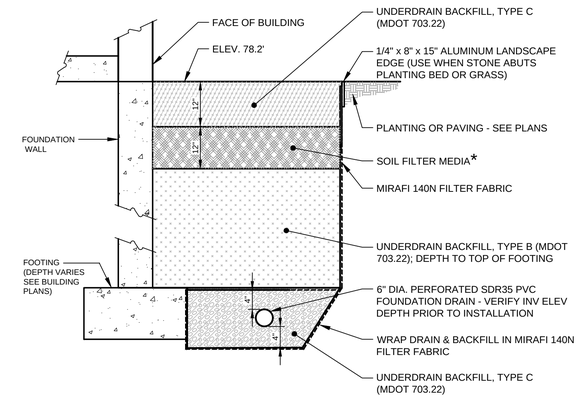
(FOR AREAS OF MODERATE TO HEAVY PRECIPITATION AND RUN-OFF)

PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1



(D) SILT SACK ® DETAIL & SPECIFICATIONS

N.T.S.



NOTE:
1. DEPTH OF UD TO BE VERIFIED IN FIELD

Table 7.2.2 - Sandy Loam to Fine Sandy Loam Specifications

Sieve #	% by Weight
4	75-95
10	60-90
40	35-85
200	20-70
200 (clay size)	< 2.0

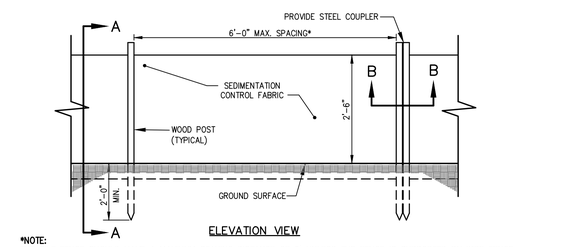
*Soil filter media consists of a silty sand soil or soil mixture combined with 20% to 25% by volume (no less than 10% by dry weight) of a moderately fine shredded bark or wood fiber mulch. The resulting mixture should have more than 8% passing the 200 sieve and a clay content of less than 2%.

As an example, the mixture may contain the following (by volume):

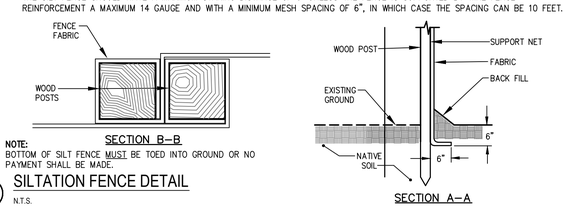
- 50% of sand (MEDOT #703.01 is close but contains insufficient fine for the media)
- 20% of sandy loam to fine sandy loam (Table 7.2.2).
- 30 % of composted woody fibers and fine shredded bark, superhumus or equivalent (adjusted for mineral soil content)

(F) ROOF DRIP EDGE FILTER DETAIL

N.T.S.



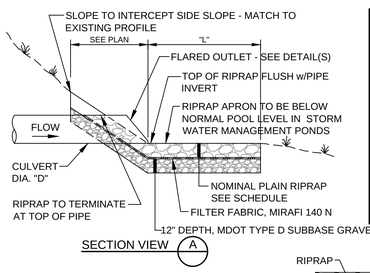
*NOTE:
THE SILT FENCE SHOULD HAVE A MAXIMUM STAKING DISTANCE OF 6' UNLESS THE FENCE IS SUPPORTED BY WIRE FENCE REINFORCEMENT A MAXIMUM 14 GAUGE AND WITH A MINIMUM MESH SPACING OF 6", IN WHICH CASE THE SPACING CAN BE 10 FEET.



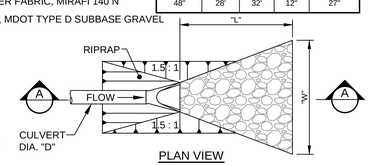
NOTE:
BOTTOM OF SILT FENCE MUST BE TOED INTO GROUND OR NO PAYMENT SHALL BE MADE.

(B) SILTATION FENCE DETAIL

N.T.S.



SCHEDULE FOR STORM DRAIN				
CULVERT DIAMETER (D)	LENGTH (L)	WIDTH (W)	STONE d_{50}	RIPRAP THICKNESS
6"	10'	12'	6"	14"
12"	10'	12'	6"	14"
15"	10'	12'	6"	14"
18"	10'	12'	6"	14"
24"	12'	14'	6"	14"
30"	12'	23'	6"	27"
36"	14'	23'	6"	27"
42"	24'	28'	12"	27"
48"	28'	32'	12"	27"

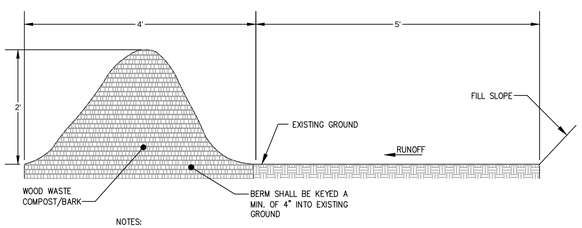


NOTE:
RIPRAP GRADATION AND PLACEMENT - THE RIPRAP GRADATION SHALL BE A WELL-GRADED MIX FROM ABOUT 1.5 TIMES THE D SIZE TO ABOUT 25 PERCENT OF THE D SIZE. THE RIPRAP STONES SHALL BE CAREFULLY PLACED WORKING FROM THE TOE OF THE SLOPE UPWARD. THE STONES SHOULD BE LOWERED TO THE SLOPE AND NOT BE ALLOWED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

IN LAWN AREAS, THE RIPRAP APRON SHALL BE SURROUNDED BY A LANDSCAPE TIMBER TO PROVIDE AN ATTRACTIVE APRON.
LANDSCAPE TIMBER TO BE 3½" TREX SECURED WITH 4'-0" LONG METAL U CHANNEL SPACED @ 4'-0" O.C. OR APPROVED EQUAL.

(E) RIPRAP OUTLET APRON DETAIL

N.T.S.



NOTES:
1. THE WOOD WASTE COMPOST/BARK MIX SHALL CONFORM TO THE FOLLOWING STANDARDS:

A. MOISTURE CONTENT – 30–60%
B. pH – 5.0–8.0
C. SCREEN SIZE – 100% LESS THAN 3", MAX. 70% LESS THAN 1"
D. NO LESS THAN 40% ORGANIC MATERIAL (DRY WEIGHT) BY LOSS OF IGNITION
F. NO STONES LARGER THAN 2" IN DIAMETER

2. THE COMPOST BERM SHALL BE PLACED, UNCOMPACTED, ALONG A RELATIVELY LEVEL CONTOUR.

3. THE WOOD WASTE COMPOST/BARK FILTER BERM MAY BE USED IN LIEU OF SILTATION FENCE, AT THE TOE OF SHALLOW SLOPES, ON FROZEN GROUND, LEDGE OUT CROPS, VERY ROOTED FORESTED AREA OR AT THE EDGE OF GRAVEL PARKING AREAS.

4. BERMS SHALL REMAIN IN PLACE UNTIL UPSTREAM AREA IS COMPLETED OR 90% CATCH OF VEGETATION IS ATTAINED. BERMS SHALL BE REMOVED BY SPREADING SUCH THAT THE NATIVE EARTH CAN BE SEEN BELOW.

(C) WOOD WASTE COMPOST / BARK FILTER BERM

N.T.S.

PRELIMINARY - NOT FOR CONSTRUCTION

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Notes

Revision	By	Appd.	YY.MM.DD
1 PERMIT DRAWINGS SUBMITTED FOR CITY REVIEW	KAB	SRB	18.03.26

File Name: 50454_details	KAB	SRB	SRB	18.03.19
	DWN.	CHKD.	DSGN.	DATE

Permit-Seal

STATE OF MAINE
STEPHEN R. BOWEN
18.03.26
LICENSED
PROFESSIONAL ENGINEER

Client/Project

4 DAVIS FARM ROAD

PROPOSED WAREHOUSE DEVELOPMENT
MAINE FAMILY FARMS

PORTLAND, ME

Title

DRAINAGE, AND EROSION CONTROL DETAILS

Project No. 195350454

Scale NOTED

Sheet

C-5.2