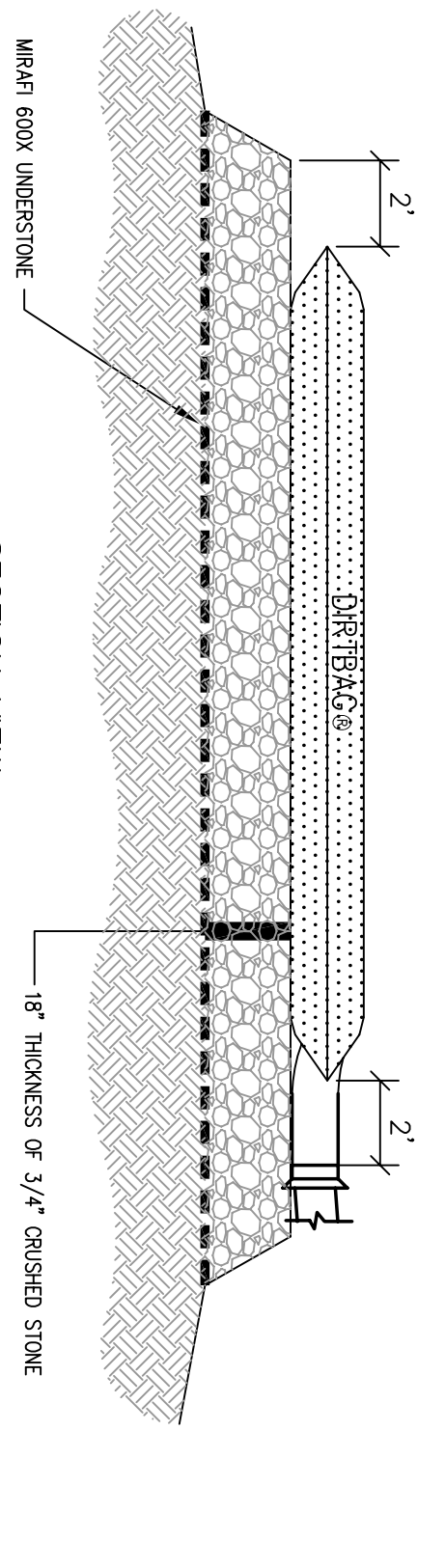
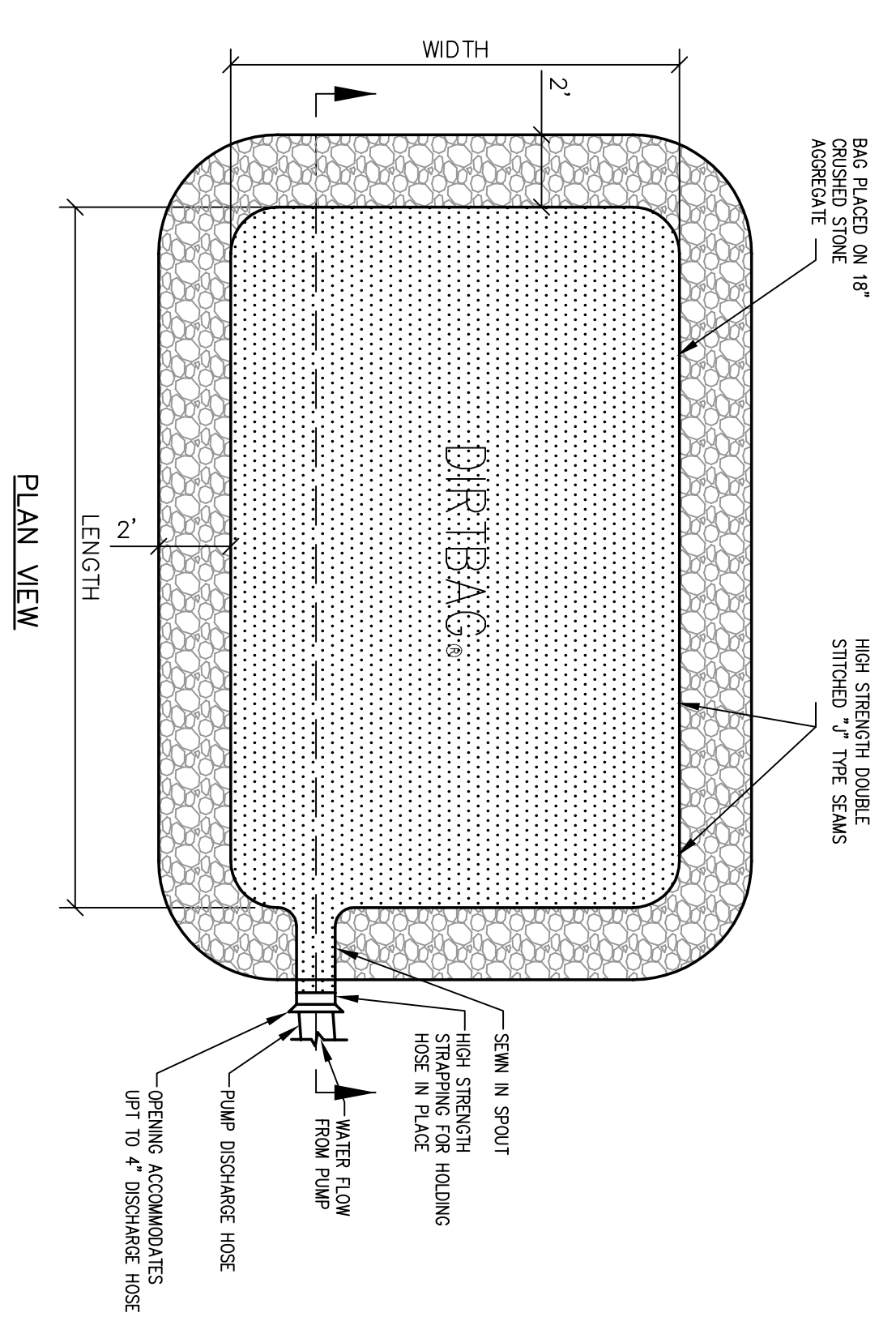


PRELIMINARY NOT FOR CONSTRUCTION

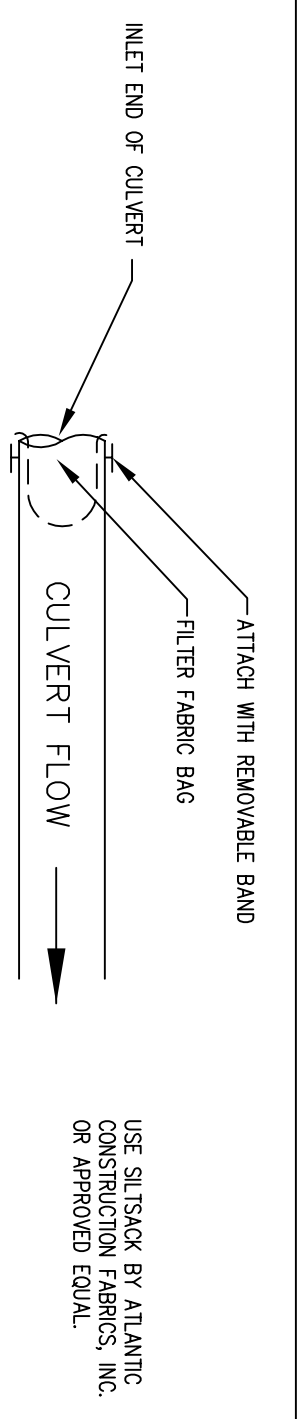


NOTE: LOCATION OF DIRTBAGS TO BE SELECTED BY THE CONTRACTOR BUT SHALL NOT BE SITED IN THE CRITICAL AREAS.

DIRTBAG DETAIL

N.T.S.

A
C-23



SILT SACK DETAIL

N.T.S.

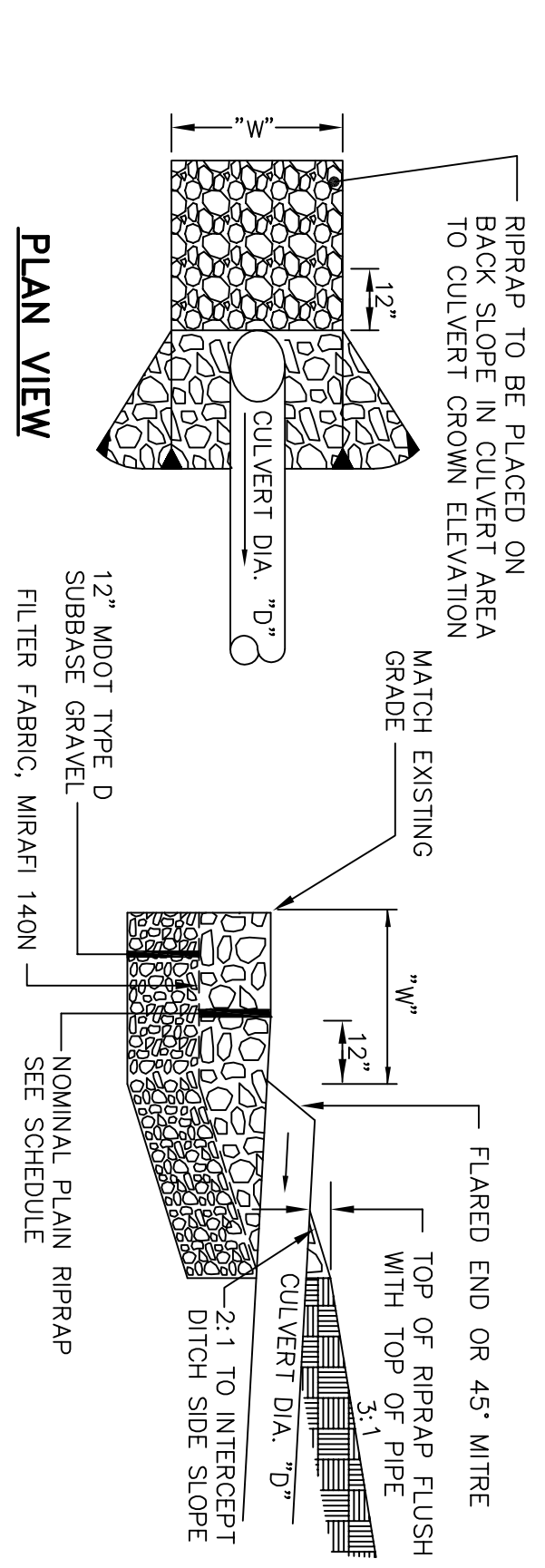
B
C-23

NOTES:
1. THE EROSION CONTROL MIX SHALL CONFORM TO THE FOLLOWING STANDARDS:
A. THE ORGANIC MATTER CONTENT IS BETWEEN 30 AND 100% DRY WEIGHT BASIS.
B. PARTICLE SIZE BY WEIGHT IS 70% PASSING A # 20 SIEVE AND A MINIMUM OF 7% A MAXIMUM OF 60% PASSING A # 100 SIEVE.
C. LARGE PORTIONS OF SLATS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
E. SQUARE SLOTS CONTENT IS LESS THAN 4.0 AMMS/TON.
F. ORGANIC MATTER SHALL BE AT LEAST 30% OF THE TOTAL WEIGHT.
G. ON SLOPES LESS THAN 5% OR AT THE BOTTOM OF STEEP SLOPES ($2:1$ UP TO 20 FEET LONG, THE BAGS SHOULD BE A MINIMUM OF 12\"/>

EROSION CONTROL MIX FILTER BERM DETAIL

N.T.S.

C
C-23



NOTE: RIPRAP GRADATION AND PLACEMENT - THE RIPRAP SHALL BE PLACED ON THE BACK SLOPE IN CULVERT AREA TO CULVERT CROWN ELEVATION TO MATCH EXISTING GRADE. THE RIPRAP 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 18 INCHES FROM THE TOE OF THE SLOPE. FINISHED SURFACE SHALL BE A RELATIVELY SMOOTH UNIFORMLY SLOPED SURFACE.

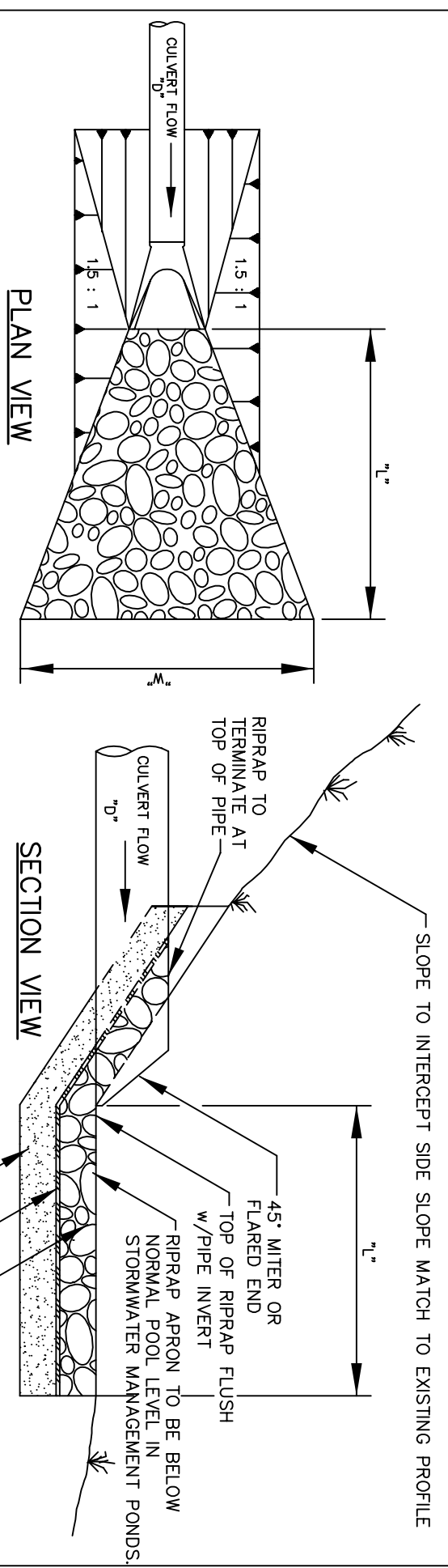
SCHEDULE FOR STORM DRAIN

CULVERT DIAMETER (D)	LENGTH (L)	WIDTH (W)	STONE RIPRAP DIAMETER (S)	THICKNESS
12"	8'	4'	6"	14"
18"	12'	4'	6"	14"
24"	12'	6'	6"	14"
30"	16'	6'	12"	27"
36"	20'	8'	12"	27"

PIPECULVERT INLET APRON IN FILL AREAS

N.T.S.

D
C-23



NOTES:
1. RIPRAP GRADATION AND PLACEMENT - THE RIPRAP SHALL BE PLACED ON THE BACK SLOPE IN CULVERT AREA TO CULVERT CROWN ELEVATION TO MATCH EXISTING GRADE. THE RIPRAP 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 18 INCHES FROM THE TOE OF THE SLOPE. FINISHED SURFACE SHALL BE A RELATIVELY SMOOTH UNIFORMLY SLOPED SURFACE.
2. THIS DETAIL IS TO BE USED WHERE CONCENTRATED FLOW BELOW THE ROADWAY SECTION IS OBVIOUS. FLOW DISPERSION BERMS ARE TO BE USED WHERE CONCENTRATED FLOWS ARE NOT OBVIOUS.

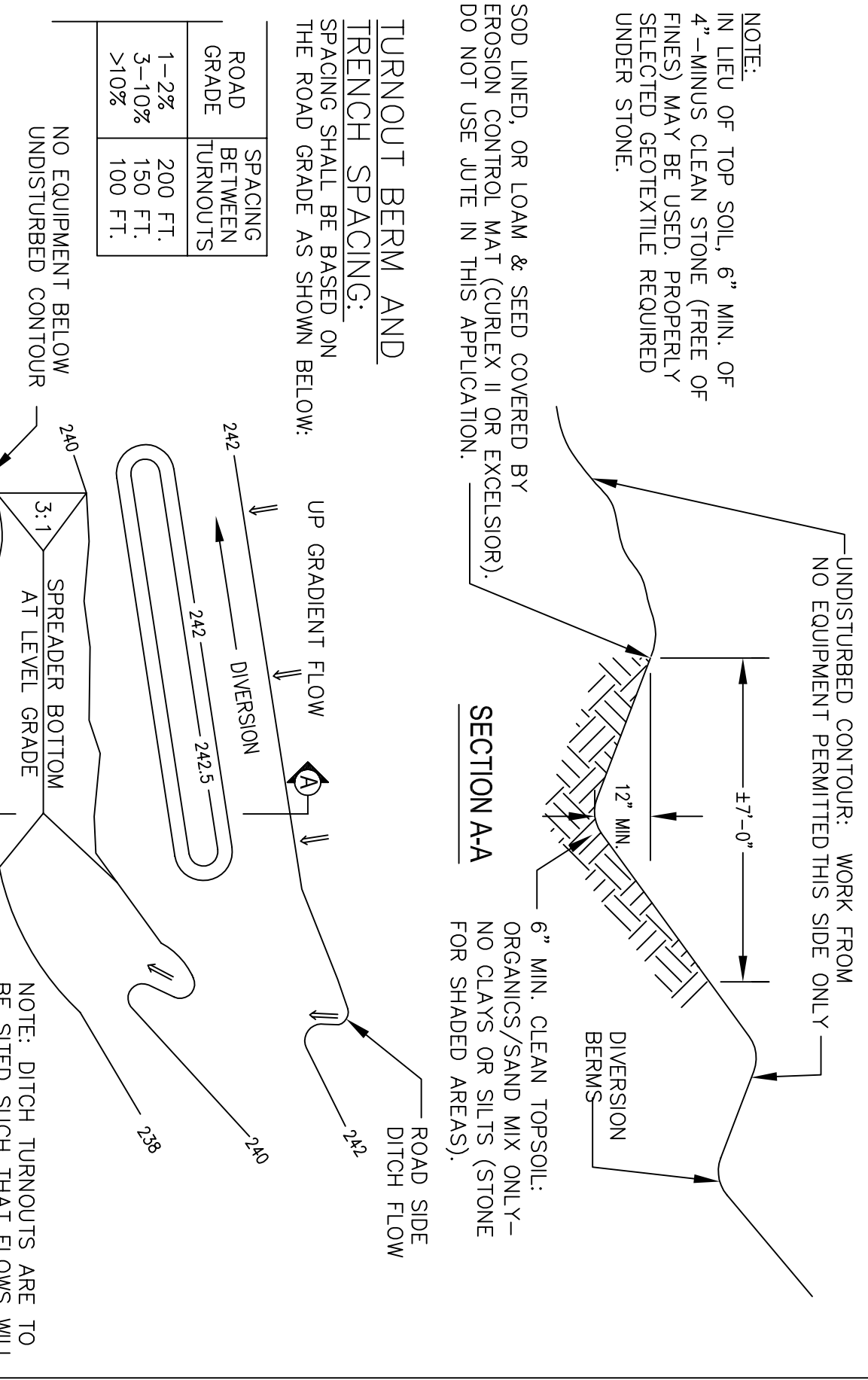
SCHEDULE FOR STORM DRAIN

CULVERT DIAMETER (D)	LENGTH (L)	WIDTH (W)	STONE RIPRAP DIAMETER (S)	THICKNESS
12"	8'	4'	6"	14"
18"	12'	4'	6"	14"
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30"	16'	6'	12"	27"
36"	20'	8'	12"	27"

PIPECULVERT OUTLET APRON W/O UT DISPERSION BERM

N.T.S.

E
C-23



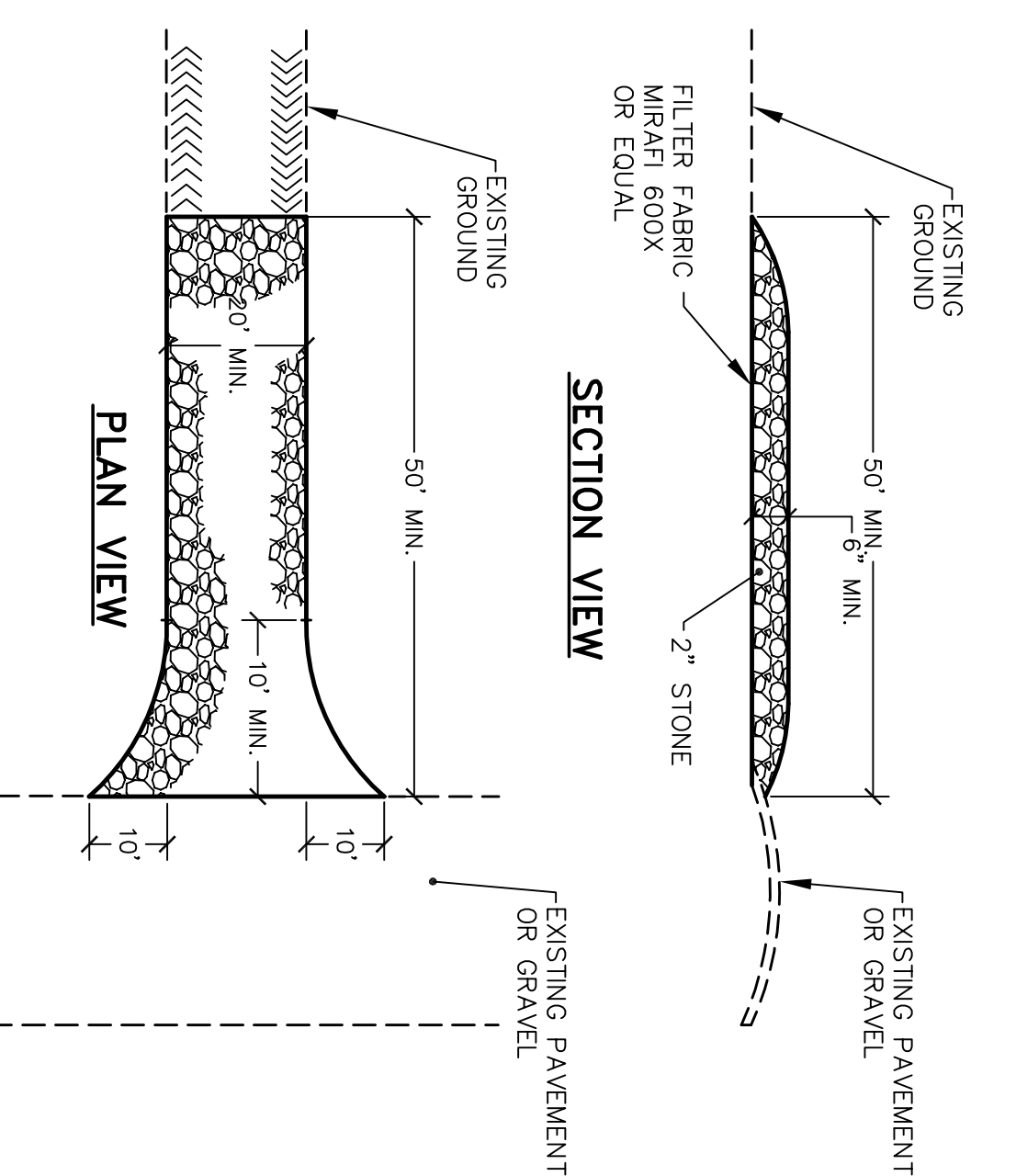
TURNOUT BERM AND TRENCH SPACING

ROAD GRADE BETWEEN TURNOUTS	SPACING	ROAD GRADE BETWEEN TURNOUTS	SPACING
1-2%	200 FT.	3-10%	100 FT.
3-10%	150 FT.	>10%	100 FT.

ROAD DITCH TURN OUT LEVEL SPREADER

N.T.S.

F
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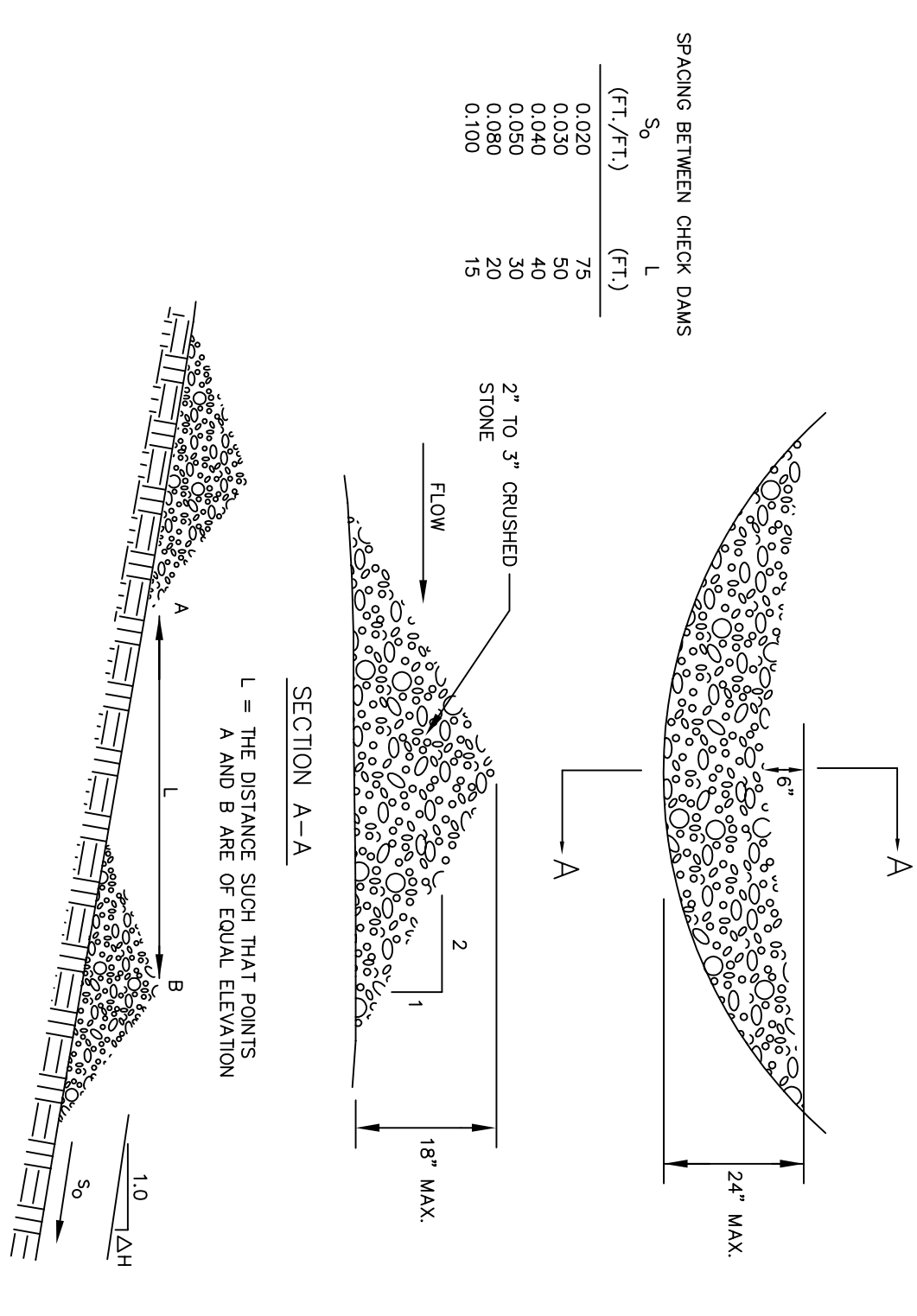


NOTE: CONTRACTOR SHALL ADD STONE TO ENTRANCE AS MUD/SILT MATERIAL ACCUMULATES

STABILIZED CONSTRUCTION ENTRANCE

N.T.S.

G
C-23



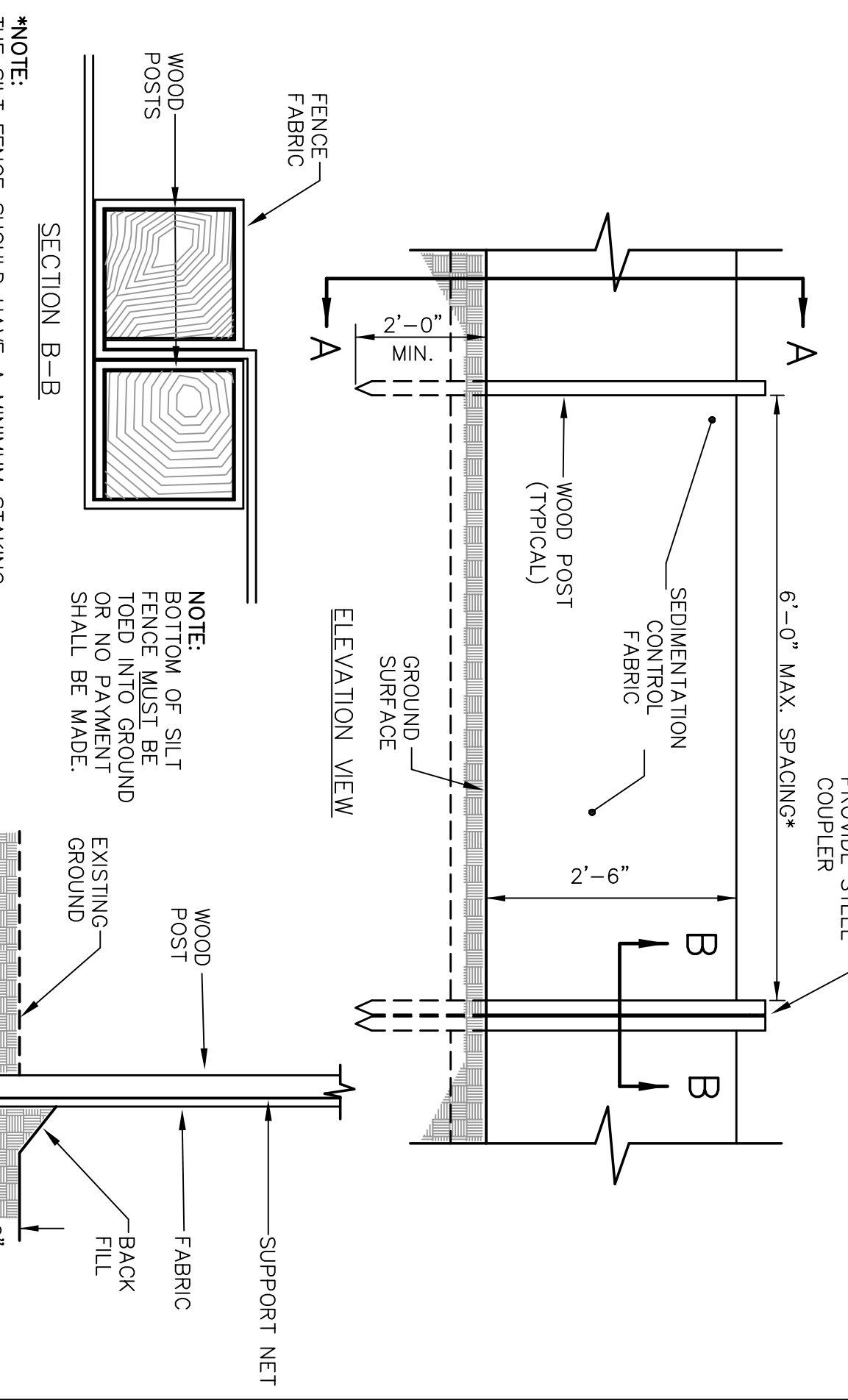
SPACING BETWEEN CHECK DAMS

S ₁ (FT/7 FT)	L ₁ (FT)
0.020	25
0.040	40
0.060	50
0.080	60
0.100	75

STONE CHECK DAM

N.T.S.

H
C-23



NOTE: THE SILT FENCE SHOULD HAVE A MINIMUM STAKING OF 6\"/>

SILTATION FENCE DETAIL

N.T.S.

I
C-23

NO.	DATE	REVISIONS
5	05.22.06	REVISED TO ADDRESS REVIEWER COMMENTS
4	12.15.05	REVISED PROJECT TITLE
3	10.31.05	REISSUED TO CLIENT FOR REVIEW
2	08.12.05	ISSUED TO CLIENT FOR REVIEW
1	12.05.03	SUBMITTED TO CLIENT.

EROSION CONTROL DETAILS			
DRAWN:	KEW/JCS	DATE:	AUGUST 2005
DESIGNED:	DDA	SCALE:	N.T.S.
CHECKED:	WGH	JOB NO.	1708.06
FILE NAME:	1708.06-DET		

REDINGTON WIND FARM PROJECT
REDINGTON MOUNTAIN WINDPOWER, LLC

DeLuca-Hoffman Associates, Inc.
778 MAIN STREET, SUITE 8
SOUTH PORTLAND, ME 04106
207.775.1121
WWW.DHAI@DELUCAHOFFMAN.COM