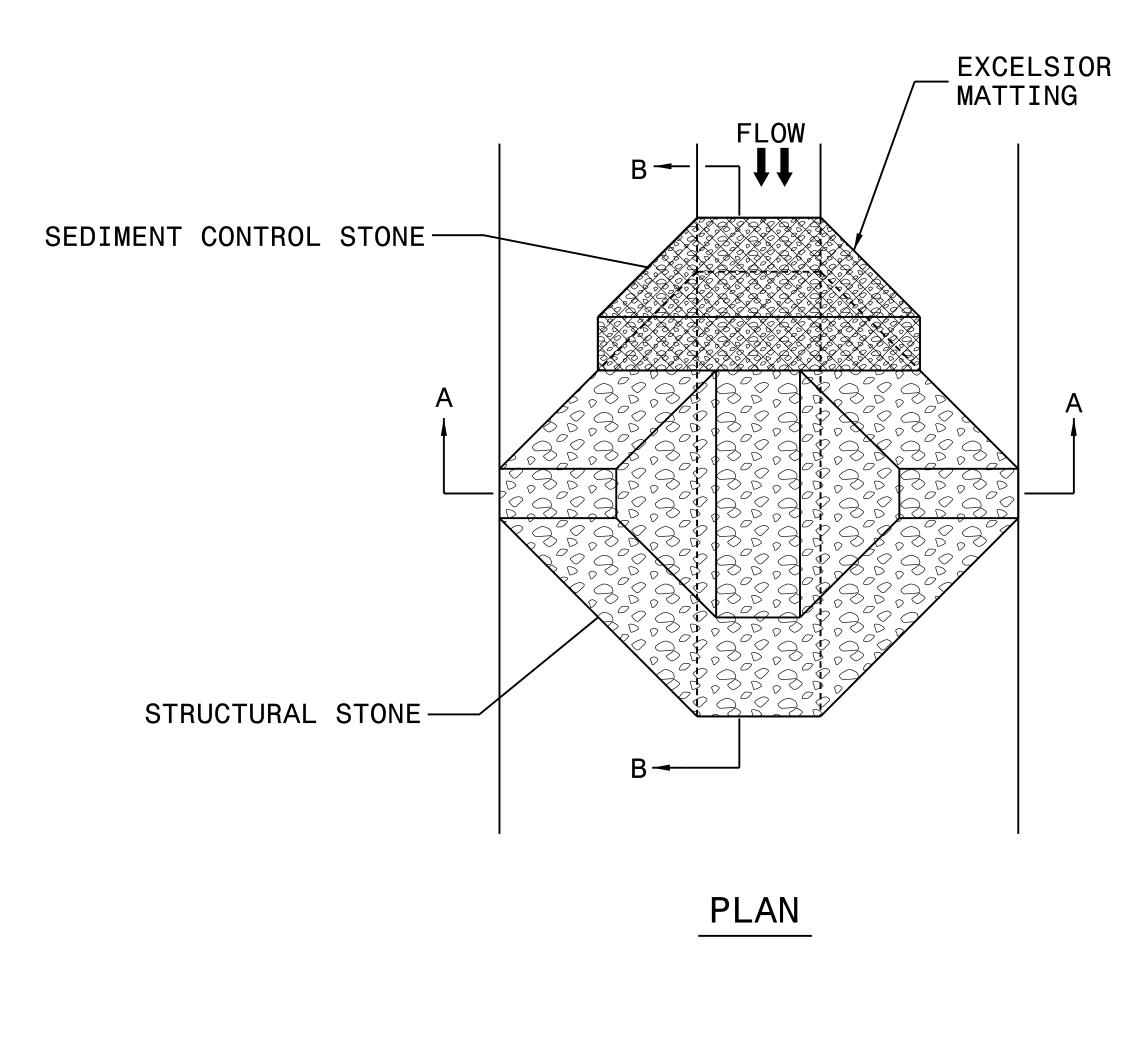


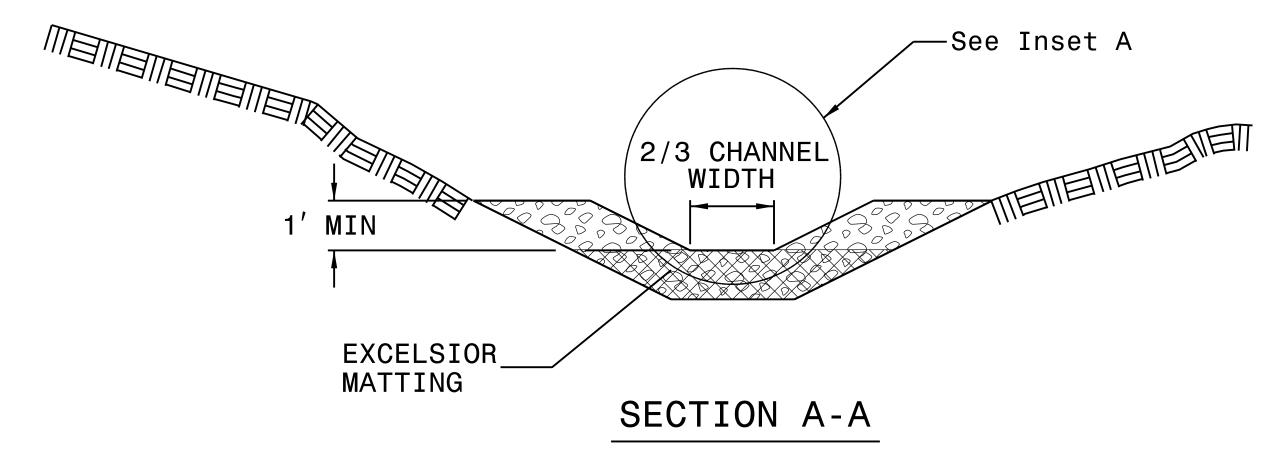
	Í	STATE	STAT	E PROJECT REFERENC	°E NO.	SHEET NO.	TOTAL SHEETS
		N.C.		<b>B-5893</b>		EC-1	
		STATI	E PROJ. NO.	F. A. PROJ. N	10.	DESCRIPT	ION
	EROSIC	DN A	ND SED	IMENT CO	DNTROL	MEAS	URES
	Std. #	Descri	<u>ption</u>			<u>Symbe</u>	
	1630.03 1630.05	-	-	9itch sion			
	1605.01	Tempo	orary Silt F	ence	<del></del>		
	1606.01 16 <b>22.</b> 01			Control Fence . and Slope Dra	<u> </u>	v	
	1630.02	Silt B	asin Type	Β			
t	1633.01			Silt Check T		XX	$\overline{\mathbb{X}}$
2 2		1 empe Matti	orary Nock ng and Poly	Silt Check T vacrylamide (P.	ype-A with AM)		
法百	1633.02			Silt Check T ber Wattle			BW -
1201 053		Wattle	e∥Coir Fi	ber Wattle			CPW-
	1634.01			ide (PAM) Sediment Dam			
V	1 <b>634.02</b>	Temp	orary Rock	Sediment Dam	Туре-В		3000
	1635.01 1635.02			Sediment Trap Sediment Trap			Ĵ
	1630.04						$\exists$
	1630.06		-	asin		X	
_	16 <b>32.0</b> 1		Inlet Sedin Гуре А	nent Irap:		Α	
	16 <b>32.02</b>	]	Гуре В			B	
	1632.03	7	Tyde C				
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		Tiered	l Skimmer	Basin			
		Infilt	ration Basir	1	<u>ل</u> ا		
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				EROSION	DJECT CO CONTRO		
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TO BAN	FRSVIL				STRUCTI		
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NC				THIS	PROJECT	HAS	
					DESIGNEI VE WATE		
7					ANDARDS		
				ENVIR	ONMENT	TALLY	
				SENSITIV	E AREA	(S) EX	IST
21			_		HIS PRO		
				κρτργ ΙΟ	с. <b>с. <i>бресіаі</i></b>	-TO711510	

**Roadway Standard Drawings** 

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit – N. C. Department of Transportation – Raleigh, N. C., dated January 2018 and the latest revison thereto are applicable to this project and by reference hereby are considered a part of these plans. 1632.01 Rock Inlet Sediment Trap Type A 1604.01 Railroad Erosion Control Detail 1632.02 Rock Inlet Sediment Trap Type B 1605.01 Temporary Silt Fence 1632.03 Rock Inlet Sediment Trap Type C 1606.01 Special Sediment Control Fence 1607.01 Gravel Construction Entrance 1633.01 Temporary Rock Silt Check Type A 1622.01 Temporary Berms and Slope Drains 1633.02 Temporary Rock Silt Check Type B 1630.01 Riser Basin 1634.01 Temporary Rock Sediment Dam Type A 1630.02 Silt Basin Type B 1634.02 Temporary Rock Sediment Dam Type B 1630.03 Temporary Silt Ditch 1635.01 Rock Pipe Inlet Sediment Trap Type A 1630.04 Stilling Basin 1635.02 Rock Pipe Inlet Sediment Trap Type B 1630.05 Temporary Diversion 1640.01 Coir Fiber Baffle 1630.06 Special Stilling Basin 1645.01 Temporary Stream Crossing 1631.01 Matting Installation

# TEMPORARY ROCK SILT CHECK TYPE 'A' WITH EXCELSIOR MATTING AND POLYACRYLAMIDE (PAM)





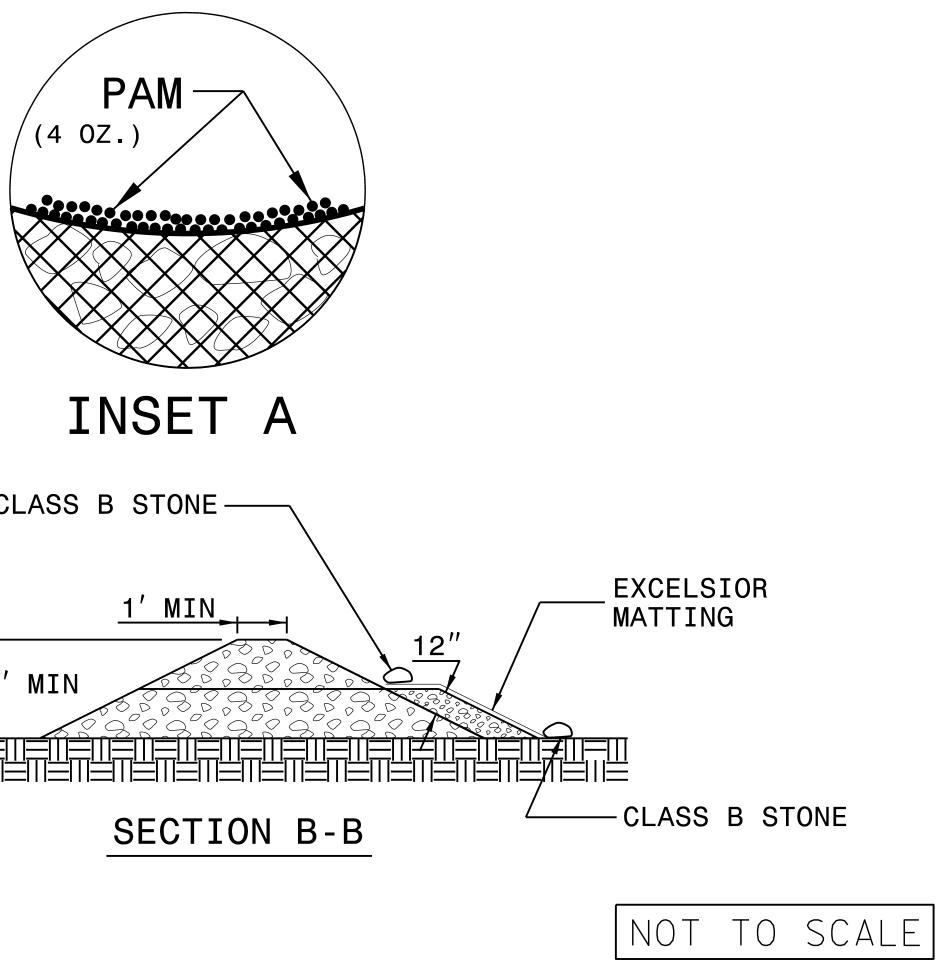
## NOTES:

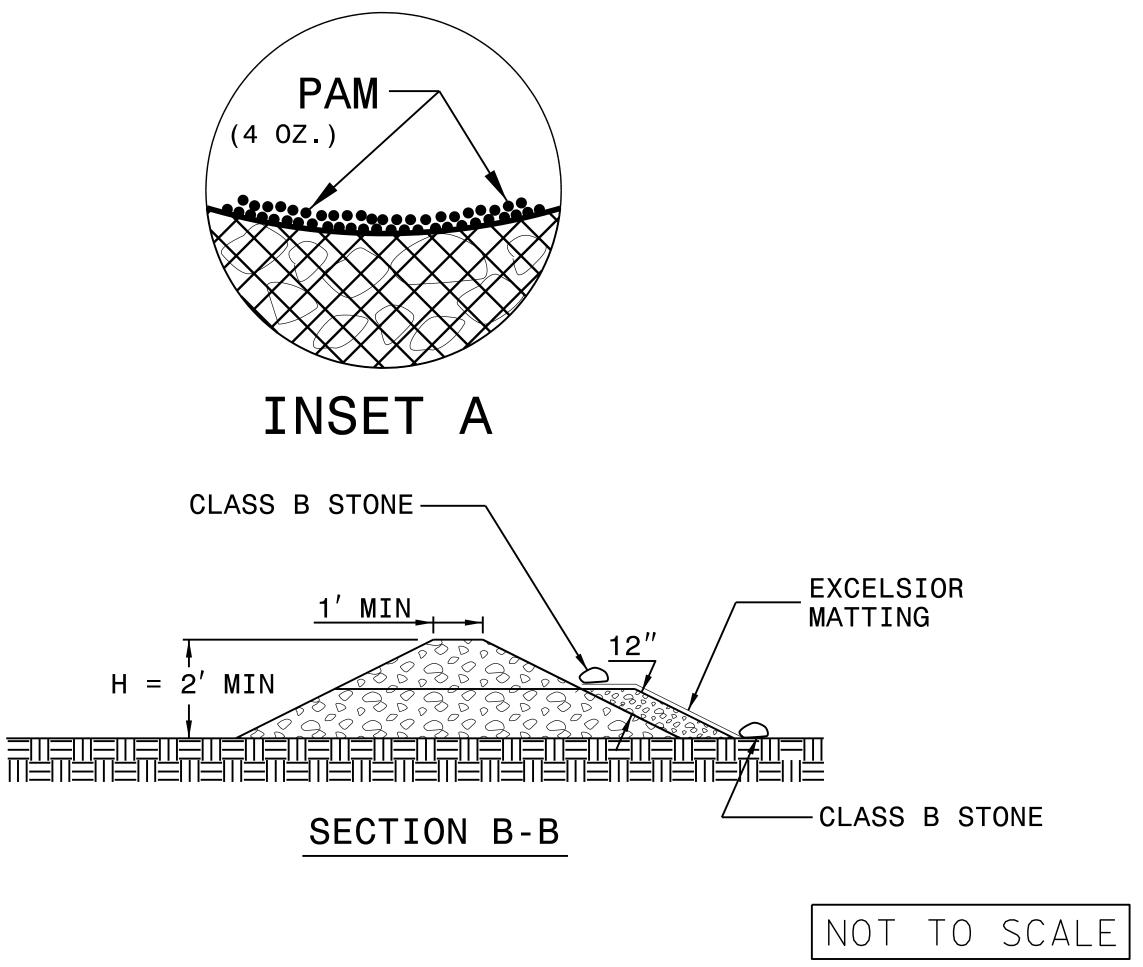
INSTALL TEMPORARY ROCK SILT CHECK TYPE A IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1633.01.

USE EXCELSIOR FOR MATTING MATERIAL AND ANCHOR MATTING SECTION AT TOP AND BOTTOM WITH CLASS B STONE.

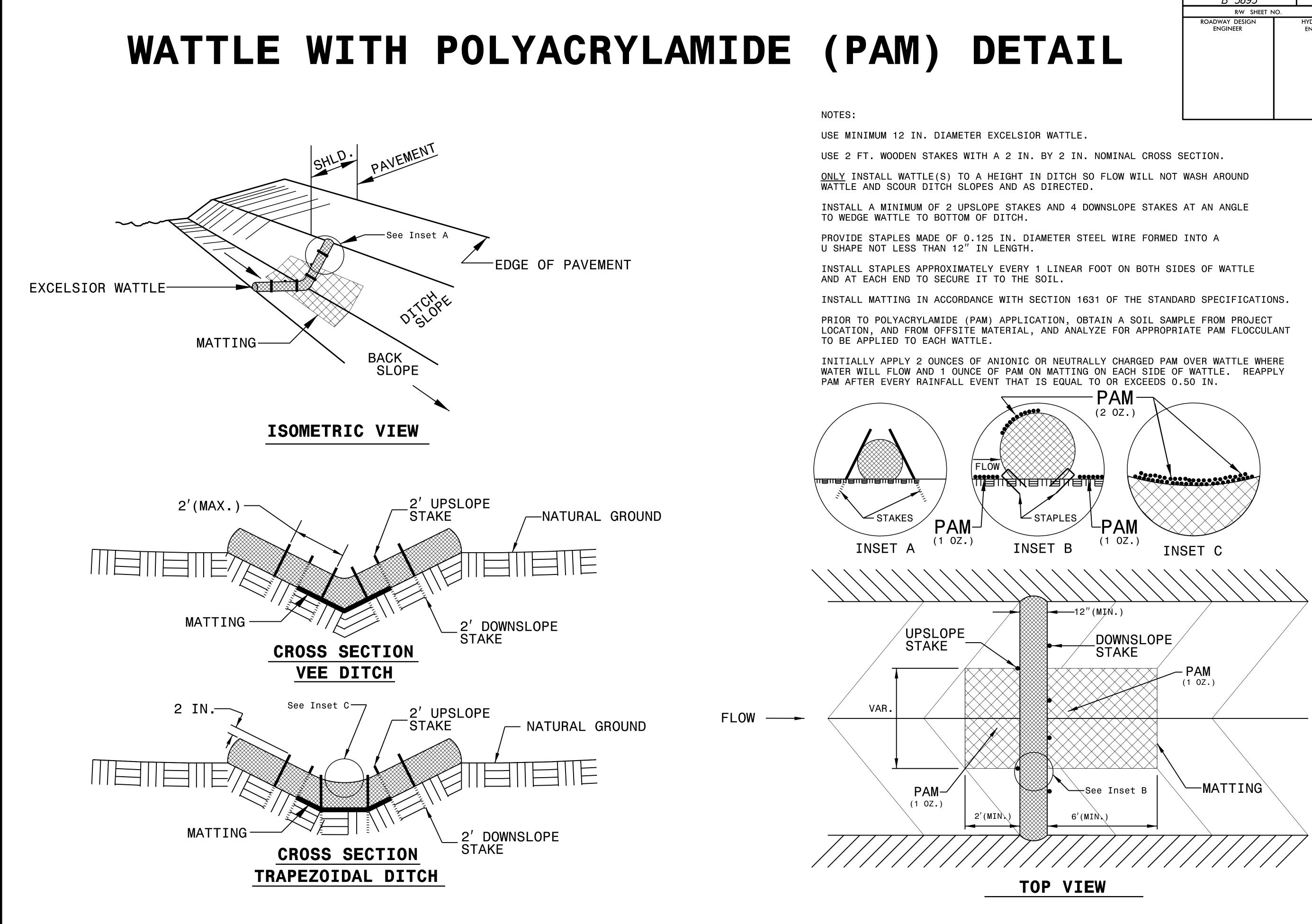
PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH ROCK SILT CHECK.

INITIALLY APPLY 4 OUNCES OF POLYACRYLAMIDE (PAM) TO TOP OF MATTING SECTION AND AFTER EVERY RAINFALL EVENT THAT EQUALS OR EXCEEDS 0.50 INCHES.



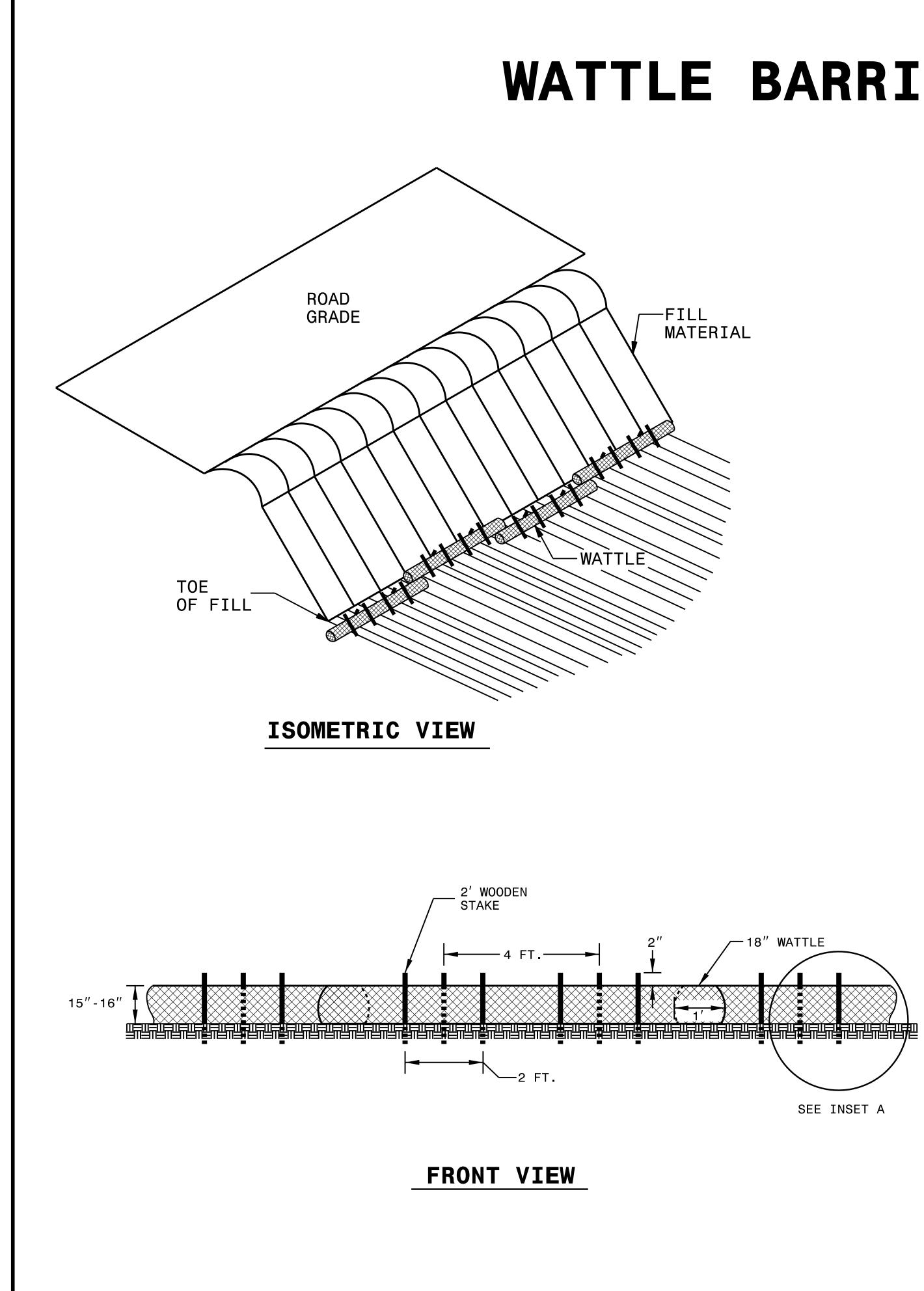


PROJECT REFERENCE NO.	SHEET NO.
B-5893	EC-2
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



PROJECT REFERENCE NO	. SHEET NO.
B-5893	EC-2A
R/W SHEET N	0.
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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## WATTLE BARRIER DETAIL

### NOTES:

USE MINIMUM 18 IN. NOMINAL DIAMETER EXCELSIOR WATTLE AND LENGTH OF 10 FT.

EXCAVATE A 2 TO 3 INCH TRENCH FOR WATTLE TO BE PLACED.

DO NOT PLACE WATTLES ON TOE OF SLOPE.

CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.

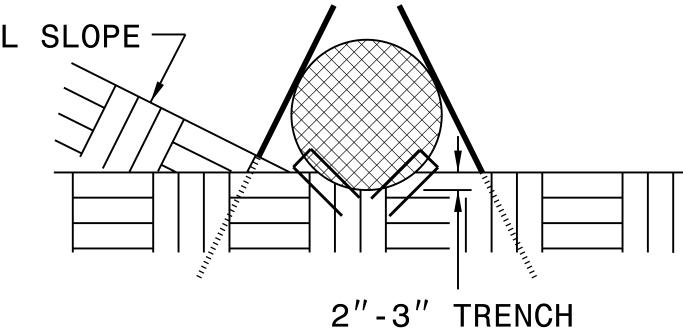
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

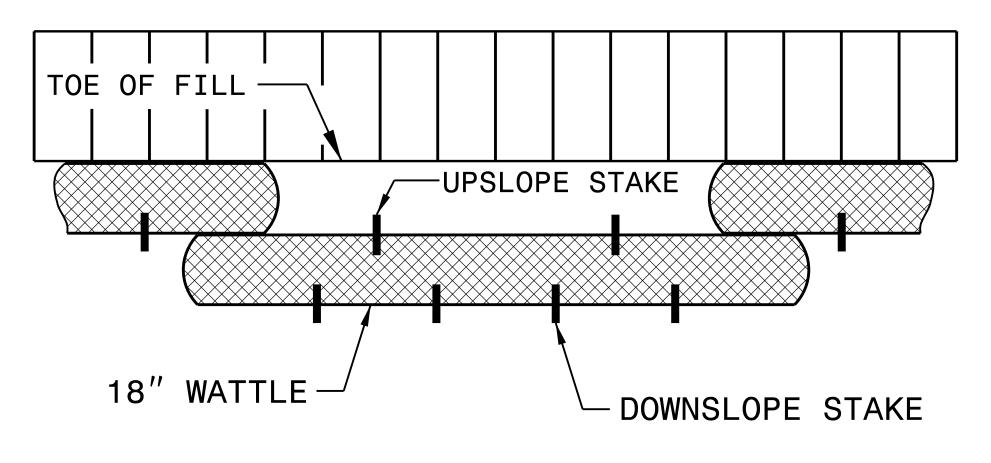
INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

FOR BREAKS ALONG LARGE SLOPES, USE MAXIMUM SPACING OF 25 FT.

## FILL SLOPE

INSET A





PROJECT REFERENCE NO	SHEET NO.		
B-5893	B-5893		
R/W SHEET N	10.		
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL

TOP VIEW

## MATTING FOR EROSION CONTROL

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)	CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
4	-L- SLOPE	10+00	12+05	LT	600						
4	-L- DITCH	10+50	12+05	LT	115						
4	-L- DITCH	13+81	18+00	LT	275						
4	-L- SLOPE	13+81	18+00		2580						
			SUE	BTOTAL	3570				SUI	BTOTAL	
MISCELLANEDI	US MATTING TO BE INST	ALLED AS DIRE	CTED BY THE	ENGINEER	4245			ADDITIONAL	PSRM TO BE I	NSTALLED	
				TOTAL	7815					TOTAL	
				SAY	7900					SAY	

## DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

## SOIL STABILIZATION SUMMARY SHEET

## PERMANENT SOIL REINFORCEMENT MAT

PROJECT REFERENCE NO	). SHEET NO.
B-5893	EC-3
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

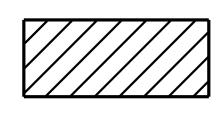
# STATE OF NORTH CAROLINA SOIL STABILIZATION TIMEFRAMES SITE DESCRIPTION IMEFRAME EXCEPTIONS PERIMETER DIKES, SWALES, DITCHES AND HIGH QUALITY WATER (HQW) ZONES ES ARE IO' OR LESS IN LENGTH AND ARE SLOPES STEEPER THAN 3: EPER THAN 2:1, 14 DAYS ARE ALLOWED. FOR SLOPES GREATER THAN 50' IN SLOPES 3:1 OR FLATTER ALL OTHER AREAS WITH SLOPES FLATTER CEPT FOR PERIMETERS AND HOW ZONES.

# DIVISION OF HIGHWAYS

	STABILIZATION TIME	Τ.//
SLOPES	7 DAYS	NONE
	7 DAYS	NONE
	7 DAYS	IF SLOPES NOT STEE
	14 DAYS	7 DAYS F LENGTH.
ER THAN 4:I	14 DAYS	NONE, EXC

PROJECT REFERENCE NO	D. SHEET NO.					
B-5893	EC-3A					
· · · · · ·						
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER					





ENVIRONMENTALLY SENSITIVE AREA SEE PROJECT SPECIAL PROVISIONS

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

BRIDGE REMOVAL AND BRIDGE CONSTRUCTION SHALL BE PER REQUIREMENTS IN THE NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL

CONTRACTOR SHALL INSTALL AN ONSITE CONCRETE WASHOUT STRUCTURE PER THE NCDOT DETAIL AND SPECIAL PROVISIONS. ACTUAL LOCATION OF THE STRUCTURE SHALL BE DETERMINED IN THE FIELD. CONCRETE WASHOUT STRUCTURE SHALL BE MAINATAINED BY THE CONTRACTOR. ALL CONCRETE TRUCKS SHALL USE THE CONCRETE WASHOUT STRUCTURE. NO WASHOUT OF CONCRETE TRUCKS SHALL BE ALLOWED EXCEPT IN THE CONCRETE WASHOUT STRUCTURE.

