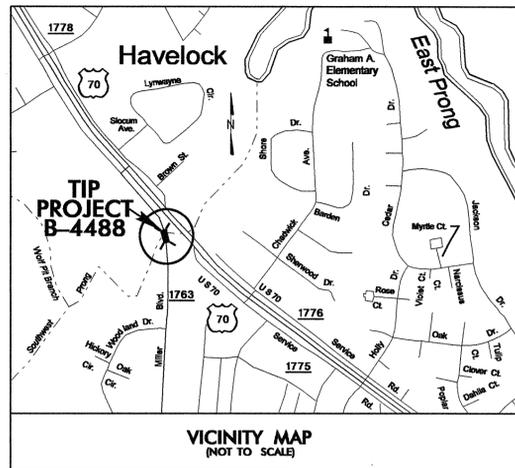


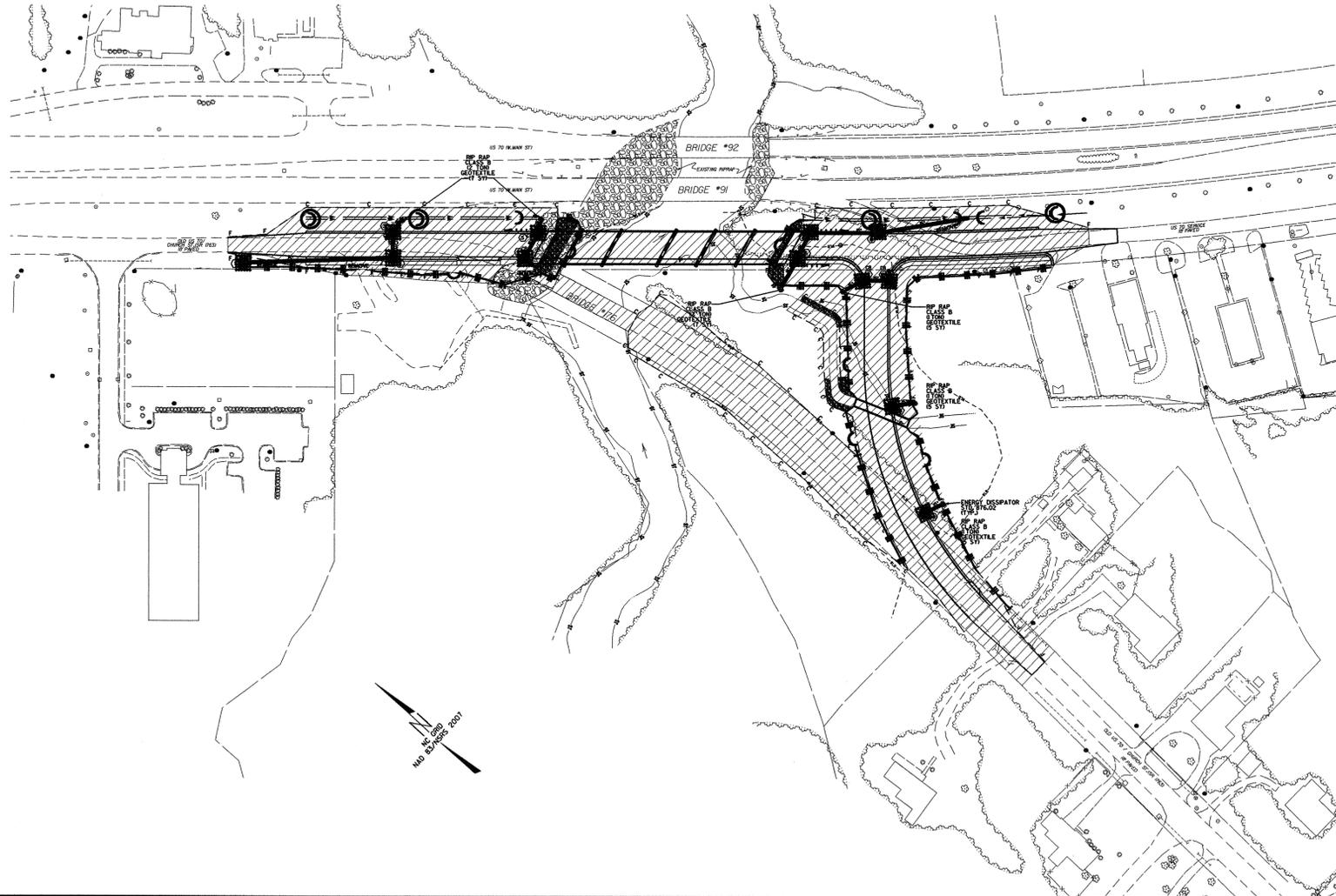
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TIP PROJECT: B-4488

CONTRACT:



See Sheet 1-A For Index of Sheets



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CRAVEN COUNTY

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4488	EC1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
33725.1.2	BRSTP-1763(3)	PE	
33725.2.1	BRSTP-1763(3)	RW	
33725.3.1	BRSTP-1763(3)	CONST	

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1605.01	High Vis Temporary Silt Fence	— III — III — III
1632.03	Rock Inlet Sediment Trap Type C	□
SP	Wattle with Polyacrylamide	⊖
SP	Wattle	⊕

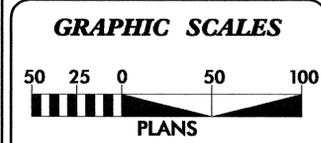
THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

ENVIRONMENTALLY SENSITIVE AREA(S) EXIST ON THIS PROJECT
Refer To E. C. Special Provisions for Special Considerations.

THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED STANDARDS.

LANG JONES
LEVEL IIIA NAME

276
LEVEL IIIA CERTIFICATION NO.



DESIGN DATA

ADT 2010 =	1900
ADT 2035 =	2500
DHV =	10 %
D =	60 %
T =	6 % *
V =	35 MPH STATUTORY
TTST =	1% DUAL 2%

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT B-4488 =	0.508 MILES
LENGTH STRUCTURE TIP PROJECT B-4488 =	0.057 MILES
TOTAL LENGTH TIP PROJECT B-4488 =	0.565 MILES

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared in the Office of:
DIVISION OF HIGHWAYS
1704 N. Greene St. Greenville, NC 27834

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
FEBRUARY 2012

LETTING DATE:
JULY 2012

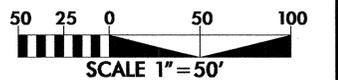
DWAYNE ALLIGOOD
PROJECT ENGINEER

LANG JONES (#276)
PROJECT DESIGN ENGINEER

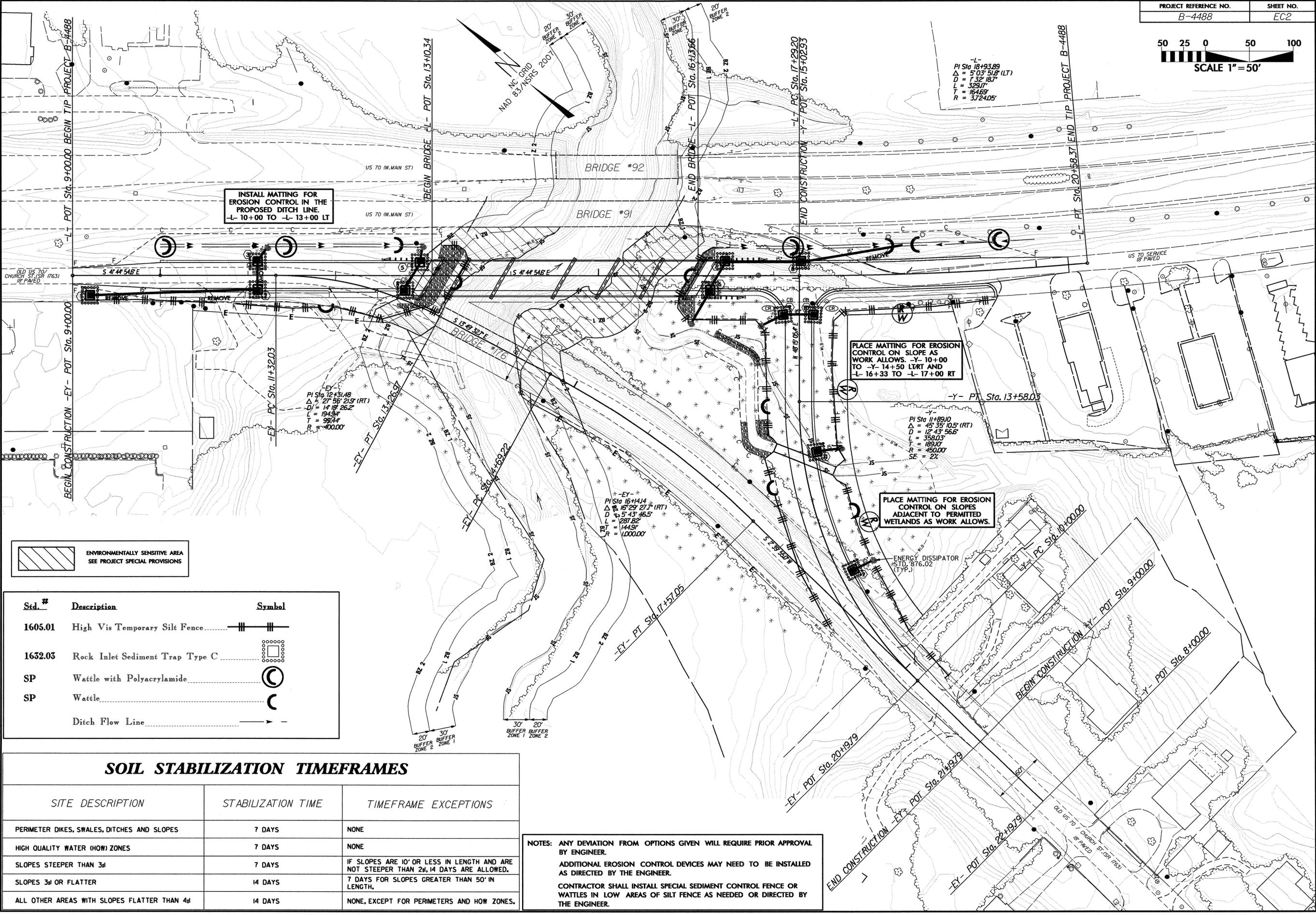
Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type B
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
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	



-L-
 PI Sta 18+93.89
 $\Delta = 5'03'' 51.8''$ (LT)
 $D = 1'32'' 18.7''$
 $L = 329.17'$
 $T = 164.59'$
 $R = 3724.05'$



INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.
 -L- 10+00 TO -L- 13+00 LT

PLACE MATTING FOR EROSION CONTROL ON SLOPE AS WORK ALLOWS. -Y- 10+00 TO -Y- 14+50 L/RT AND -L- 16+33 TO -L- 17+00 RT

PLACE MATTING FOR EROSION CONTROL ON SLOPES ADJACENT TO PERMITTED WETLANDS AS WORK ALLOWS.

ENVIRONMENTALLY SENSITIVE AREA SEE PROJECT SPECIAL PROVISIONS

Std. #	Description	Symbol
1605.01	High Vis Temporary Silt Fence	
1632.03	Rock Inlet Sediment Trap Type C	
SP	Wattle with Polyacrylamide	
SP	Wattle	
	Ditch Flow Line	

SOIL STABILIZATION TIMEFRAMES

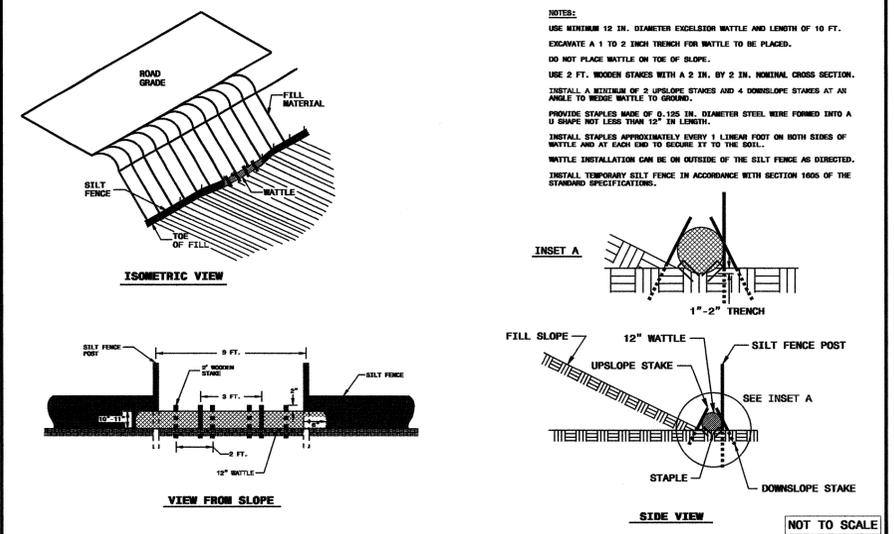
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3#	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2#, 14 DAYS ARE ALLOWED.
SLOPES 3# OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4#	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HOW ZONES.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.
 ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.
 CONTRACTOR SHALL INSTALL SPECIAL SEDIMENT CONTROL FENCE OR WATTLES IN LOW AREAS OF SILT FENCE AS NEEDED OR DIRECTED BY THE ENGINEER.

REVISIONS

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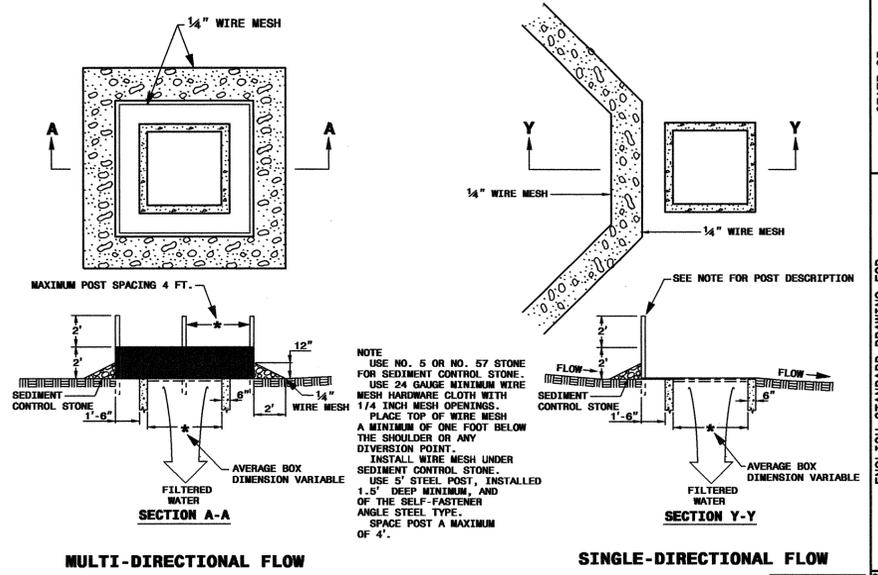
SILT FENCE WATTLE BREAK DETAIL



STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR ROCK INLET SEDIMENT TRAP TYPE 'C'

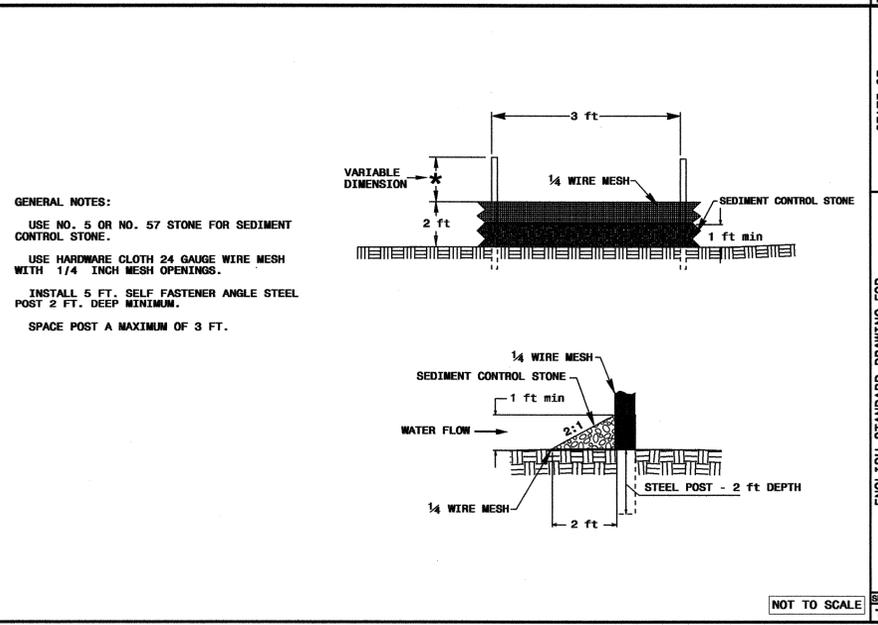
SHEET 1 OF 1 1632.03



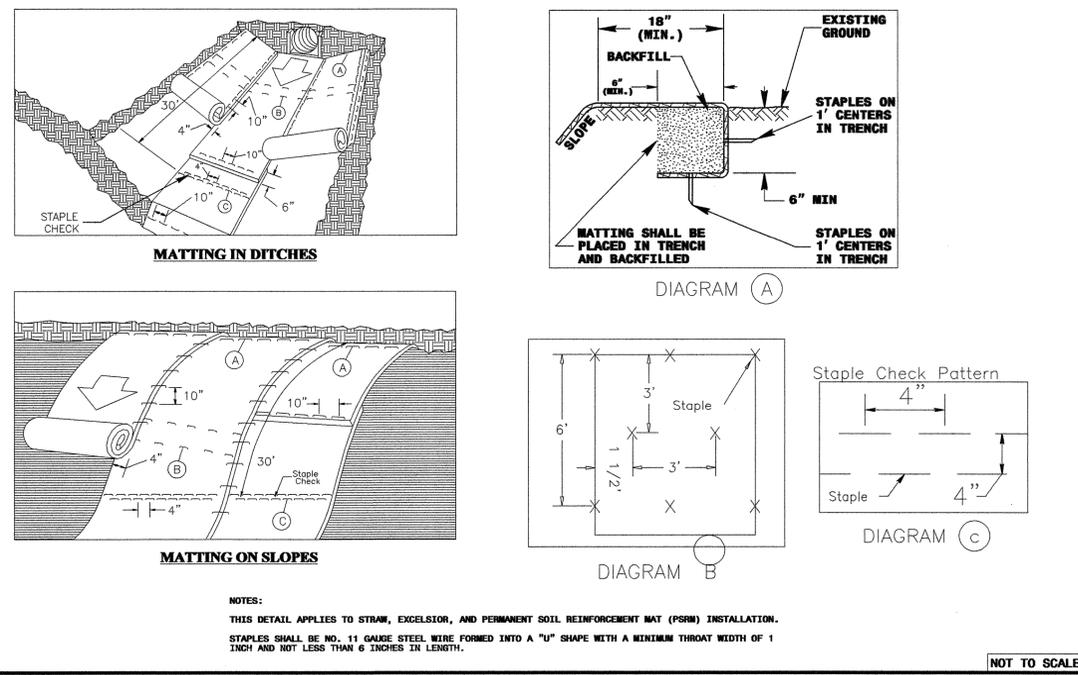
STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH STANDARD DRAWING FOR SPECIAL SEDIMENT CONTROL FENCE

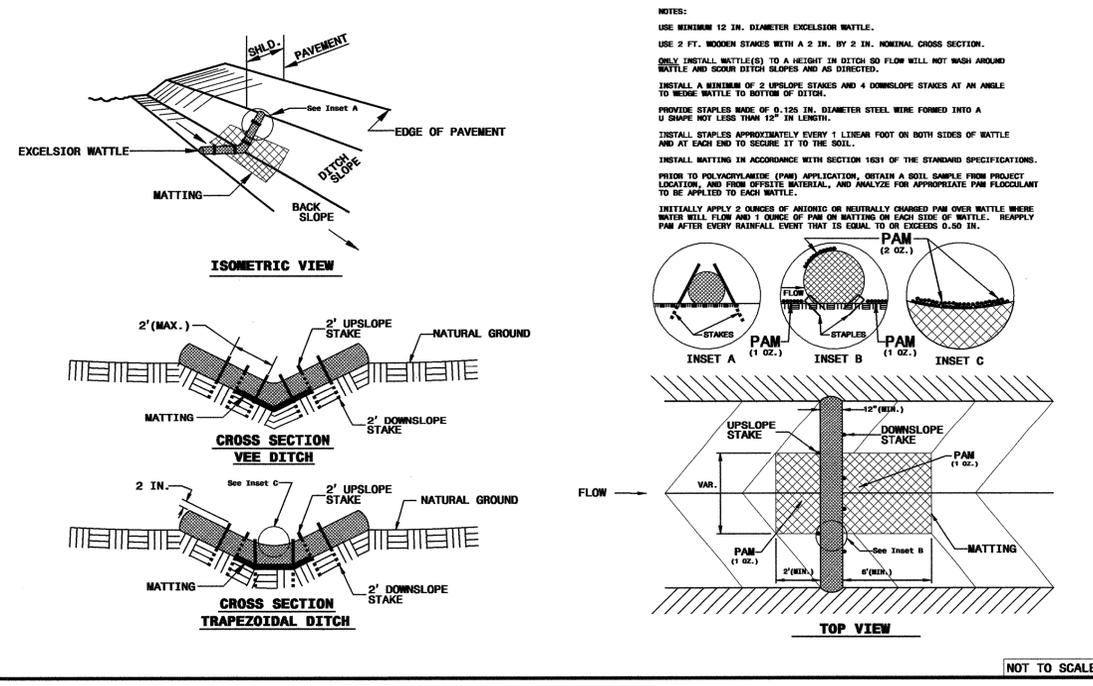
SHEET 1 OF 1 1606.01



MATting INSTALLATION DETAIL



WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



REVISIONS

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