

See Sheet 1A For Index of Sheets

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

	STATE	STATE PROJECT REFERENCE NO.	SHEET TOTAL NO. SHEETS
	$\mathbb{N}_{\mathbb{C}}$	BR-0073	EC-1
	STA	TE PROJ. NO. F. A. PROJ. NO.	DESCRIPTION
ERC	OSION	AND SEDIMENT CONTRO	DL MEASURES
Std.	# <u>D</u>	ecription	Symbol
1630 1630).03 Т) 05 Т	emporary Silt Ditch	T\$D
1605	5.01 T	emporary Silt Fence	н то —— то —— —— —— —— —— —— —— —— то —— —— —— —— —— —— —— —— —— —— —— —— ——
1600	6.01 S ₁	pecial Sediment Control Fence	
1622 1630	1.02 Si	emporary Derms and Slope Drains It Basin Type B	
1633	5 .01 T	emporary Rock Silt Check Type=A	·····
	T M	emporary Rock Silt Check Type-A atting and Polyacrylamide (PAM)	with
1633	5.02 T	emporary Rock Silt Check Type-B	
	W	'attle // Coir Fiber Wattle) — ew -
	W	'attle∥Coir Fiber Wattle ith Polvacrvlamide (PAM)	\bigcirc
1634	(.01 T	emporary Rock Sediment Dam Type-1	
1634	1.02 T	emporary Rock Sediment Dam Type-I	B
1635	5.02 R	ock Pipe Inlet Sediment Trap Type=A ock Pipe Inlet Sediment Trap Type=B	
1630).04 St	illing Basin	
1630).06 S ₁	ecial Stilling Basin	····· 🕅 💶
1639	R 2.01	ock Inlet Sediment Trap: Type A	
1639	09	Type B	
1002			
1632	2.03	Туре С	
	S	simmer Basin	
	Т	iered Skimmer Basin	
	In	filtration Basin	
		THIS PROJECT	CONTAINS
		EROSION CONT	ROL PLANS
		FOR CLEARING P	NG AND HASE OF
		CONSTRUC	CTION.
-			
•			
d Drawin	ngs		
adway en	glish standa	urds as appear in "Roadway Standard Drawin	gs"– Roadway Design

Roadway Standar

The following roa 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.

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 3
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 Jerms and Slope Drains	1633.02	Temporary Rock Silt Check Type 3
1630.01	Riser Jasin	1634.01	Temporary Rock Sediment Dam Type A
1630.02	Silt Jasin Type J	1634.02	Temporary Rock Sediment Dam Type 3
1630.03	Temporary Silt Ditch	1635.01	Rock Pipe Inlet Sediment Trap Type A
1630.04	Stilling Jasin	1635.02	Rock Pipe Inlet Sediment Trap Type 3
1630.05	Temporary Diversion	1640.01	Coir Fiber Jaffle
1630.06	Special Stilling Jasin	1645.01	Temporary Stream Crossing
1631.01	Matting Installation		* • 0

TO FAIR BLUFF



COIR FIBER WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL





-NATURAL GROUND



BR-0073 EC D2A SILT FENCE COIR FIBER WATTLE BREAK DETAIL NOTES: USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE AND LENGTH OF 10 FT. EXCAVATE A 1 TO 2 INCH TRENCH FOR WATTLE TO BE PLACED. DO NOT PLACE WATTLE ON TOE OF SLOPE. USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL 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. WATTLE INSTALLATION CAN BE ON OUTSIDE OF THE SILT FENCE AS DIRECTED. INSTALL TEMPORARY SILT FENCE IN ACCORDANCE WITH SECTION 1605 OF THE STANDARD SPECIFICATIONS. INSET A 1"-2" TRENCH FILL SLOPE 12" WATTLE SILT FENCE POST UPSLOPE STAKE SEE INSET A STAPLE DOWNSLOPE STAKE SIDE VIEW







COIR FIBER WATTLE BARRIER DETAIL

NOTES:

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

EXCAVATE A 2 TO 3 INCH TRENCH

DO NOT PLACE WATTLES ON TOE (

USE 2 FT. WOODEN STAKES WITH CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOF STAKES AT AN ANGLE TO WEDGE W

PROVIDE STAPLES MADE OF 0.125 FORMED INTO A U SHAPE NOT LES

INSTALL STAPLES APPROXIMATEL BOTH SIDES OF WATTLE AND AT

FOR BREAKS ALONG LARGE SLOPES

FILL SLOPE INSET A



TOP V

	BR-0073 EC 028
IAMETER COIR FIBER (COCONUT)	
H FOR WATTLE TO BE PLACED.	
A 2 IN. BY 2 IN. NOMINAL	
PE STAKES AND 4 DOWNSLOPE WATTLE TO GROUND.	
5 IN. DIAMETER STEEL WIRE SS THAN 12" IN LENGTH.	
Y EVERY 1 LINEAR FOOT ON EACH END TO SECURE IT TO THE SOIL.	
S, USE MAXIMUM SPACING OF 25 FT.	
2"-3" TRENCH	
PE STAKE	
DOWNSLOPE STAKE	
IEW	

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION

PERIMETER DIKES, SWALES, DITCHES AND SLOPES

HIGH QUALITY WATER (HQW) ZONES

SLOPES STEEPER THAN 3:1

SLOPES 3:1 OR FLATTER

ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1

STABILIZATION TIME	TIMEFRAM
7 DAYS	NONE
7 DAYS	NONE
7 DAYS	IF SLOPES ARE IO' C Not steeper than
14 DAYS	7 DAYS FOR SLOPES Length.
14 DAYS	NONE, EXCEPT FOR F

	BR-0073
1E EXCEPTIONS	
DR LESS IN LENGTH AND ARE 2:1,14 DAYS ARE ALLOWED.	
S GREATER THAN 50'IN	
PERIMETERS AND HQW ZONES.	



