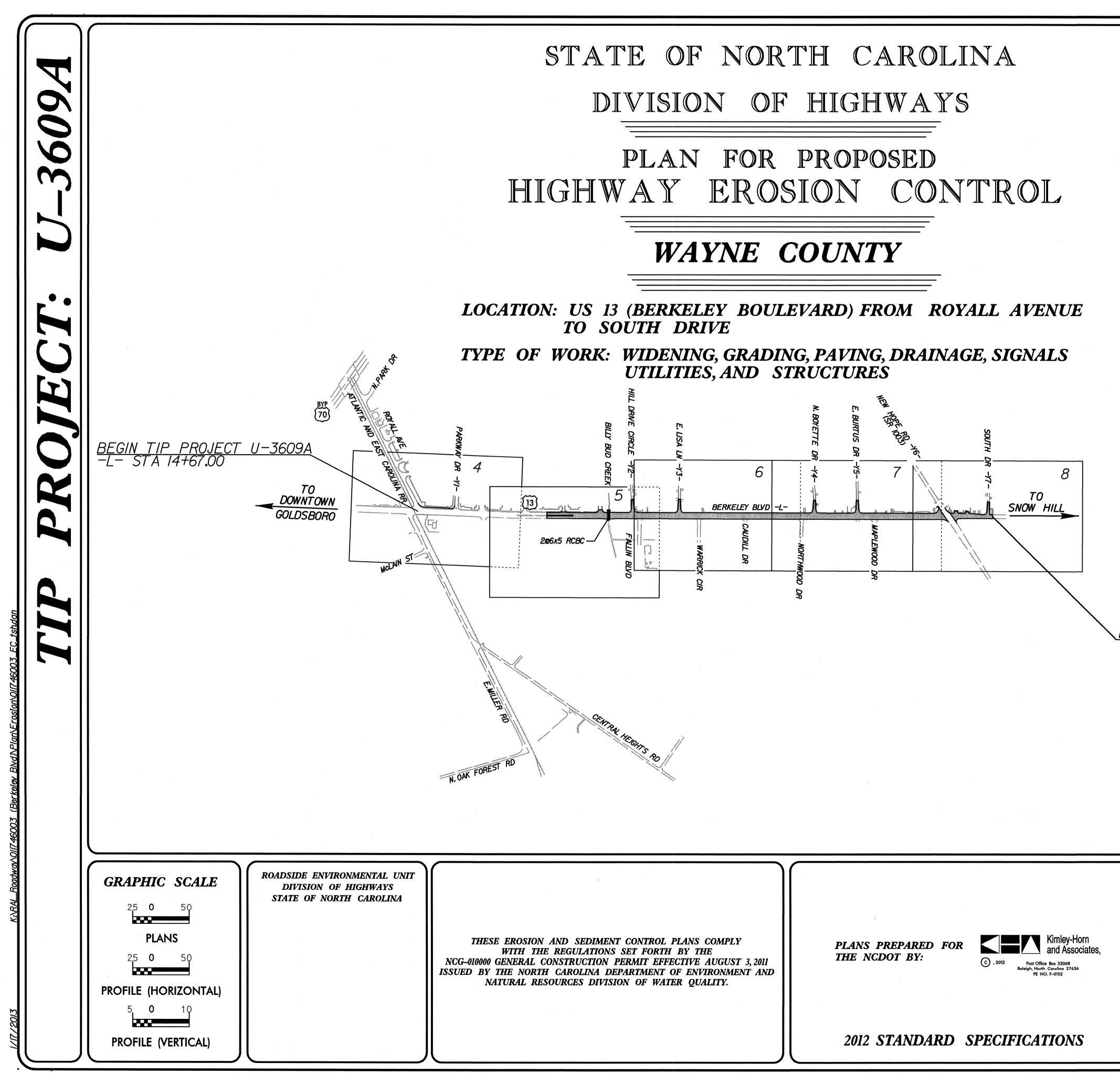
# This electronic collection of documents is provided for the convenience of the user and is Not a Certified Document -

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ſ	STATE	STATE STATE PROJECT REFERENCE NO. SH						
	NC		U-3609A	EC-1	SHEETS			
, 		B PROJ.NO.	F. A. PROJ. NO.	DESCRIPT	ION			
	_		MENT CONTRO		-			
<u>Std. "</u> 1630.03	Descri	-	/ <b>.</b> ]	Symbo	1			
1630.05		-						
1605.01			ence					
1606.01		Special Sediment Control Fence						
1622.01			and Slope Drains		<b>\$</b>			
1630.02 1633.01		Silt Basin Type B Temporary Rock Silt Check Type~A						
1099.01				XX	***			
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)							
1633.0 <b>2</b>	Temp	orary Rock	Silt Check Type-B					
	Watt]	Wattle / Coir Fiber Wattle						
	Watt] with	le∥Coir Fib Polyacrylami	er Wattle de (PAM)					
1634.01	Temp	orary Rock	Sediment Dam Type-	A				
1634.02	_ · · ···· <b>F</b>		Sediment Dam Type-1		<b>_</b>			
1635.01 1635.02		Rock Pipe Inlet Sediment Trap Type-A						
1630.04		Rock Pipe Inlet Sediment Trap Type-B						
1630.06		Special Stilling Basin						
		Inlet Sedime						
16 <b>32.01</b>		Туре А		A				
1632.02	•	Туре В		В				
163 <b>2.</b> 03	•	Туре С		C				
	Skim	mer Basin						
	Tiere	Tiered Skimmer Basin						
	Infilt	ration Basin			-			
			THIS PROJECT FROSION CONT		-			

<u>END TIP PROJECT U-3609A</u> -L- STA 71+75.00

ERUSION CONTROL PLANS FOR CLEARING AND **GRUBBING PHASE OF CONSTRUCTION.** 

THIS PROJECT HAS BEEN DESIGNED TO SENSITIVE WATERSHED **STANDARDS.** 

**ENVIRONMENTALLY SENSITIVE AREA(S) EXIST ON THIS PROJECT** 

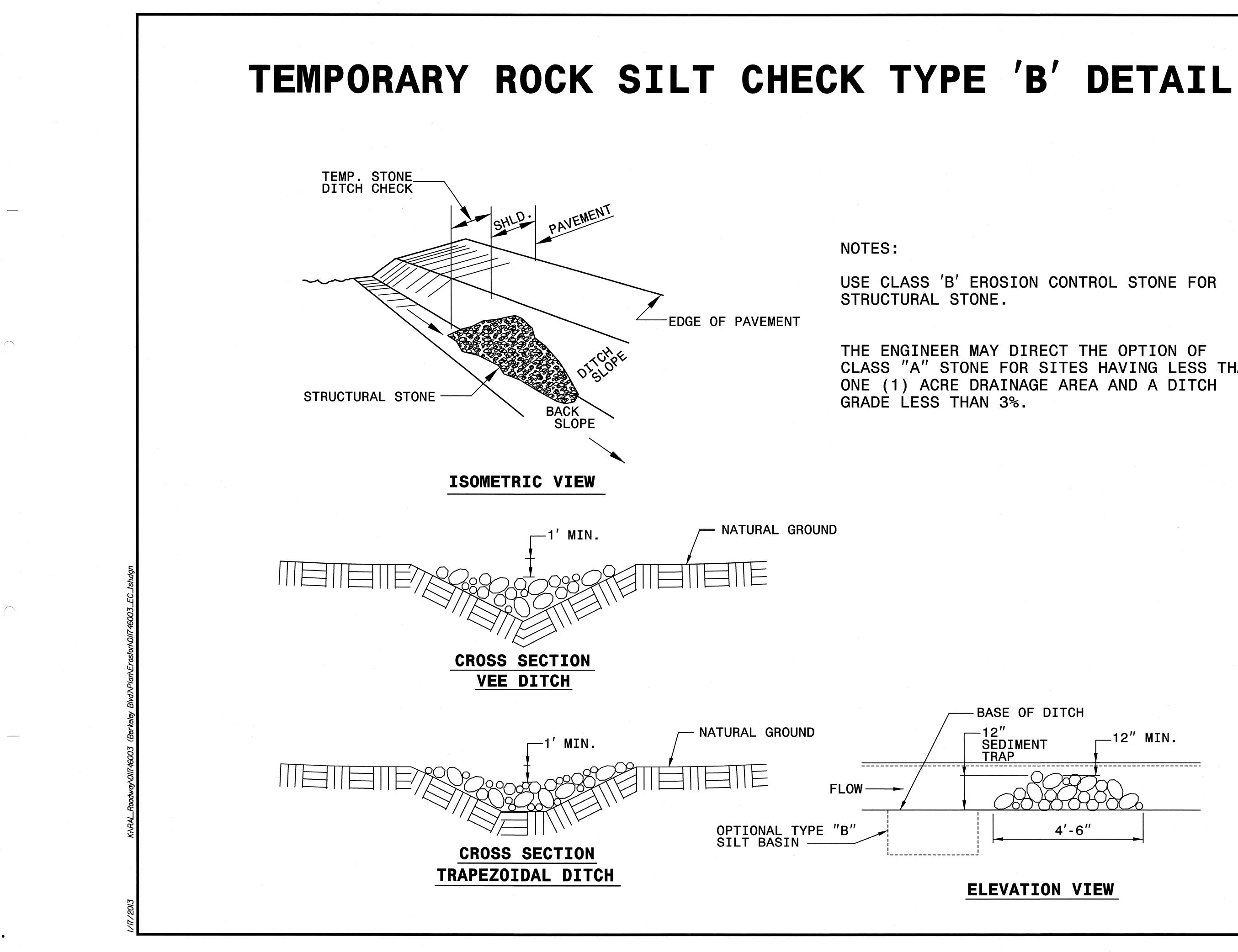
Refer To E. C. Special Provisions for Special Considerations.

**Roadway Standard Drawings** 

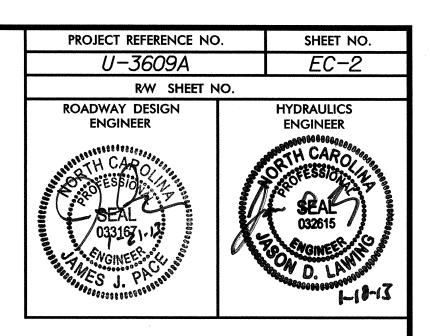
The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revison thereto are applicable to this project and by reference hereby are considered a part of these plans.

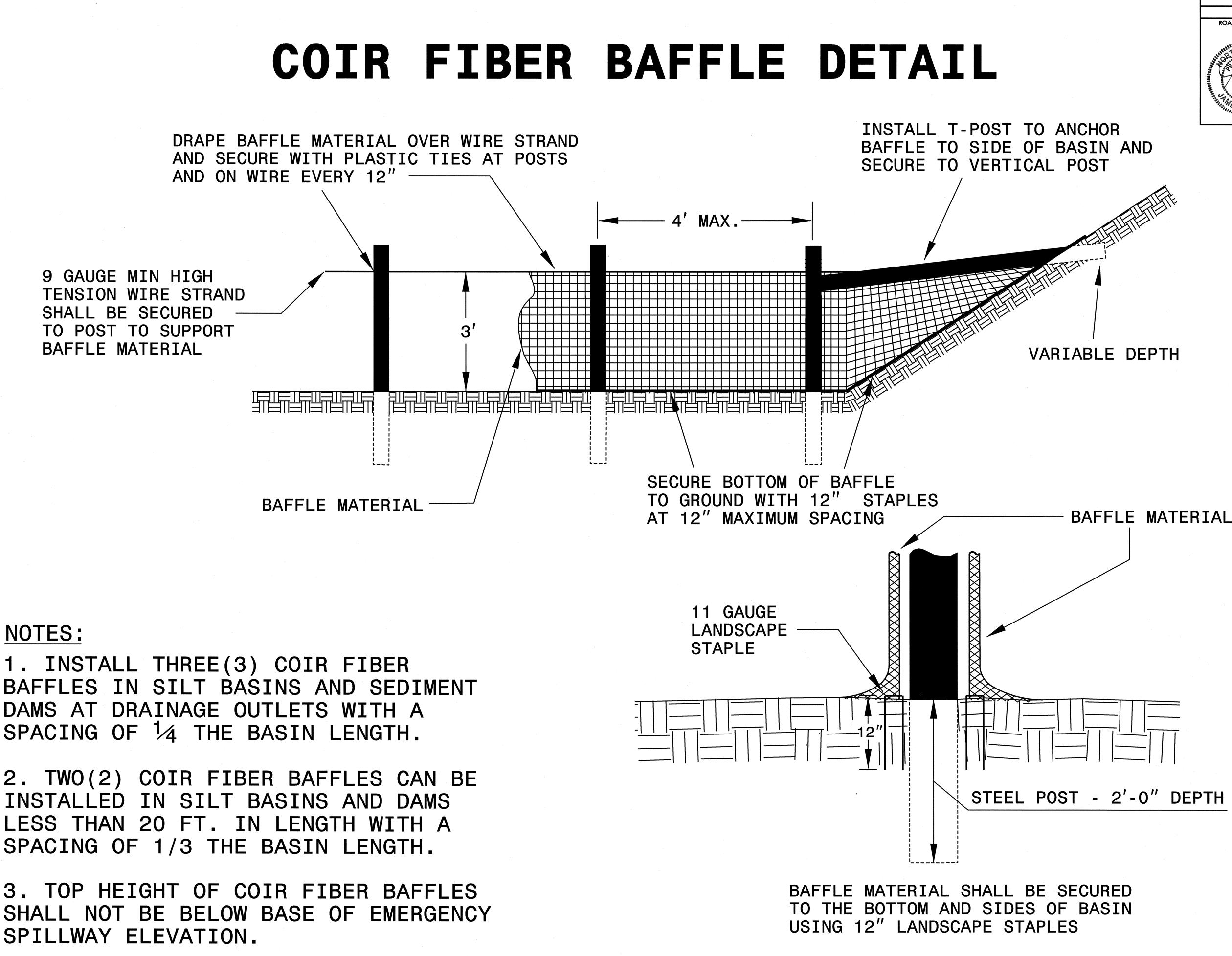
1605.01 Temporary Silt Fence 1606.01 Special Sediment Control Fence 1607.01 Gravel Construction Entrance 1622.01Temporary Slope Drain1630.03Temporary Silt Ditch1630.05Temporary Diversion1630.06Special Stilling Basin1631.01Matting Installation

1632.03 Rock Inlet Sediment Trap Type C 1633.01 Temporary Rock Silt Check Type A 1633.02 Temporary Rock Silt Check Type B 1640.01 Coir Fiber Baffle



CLASS "A" STONE FOR SITES HAVING LESS THAN



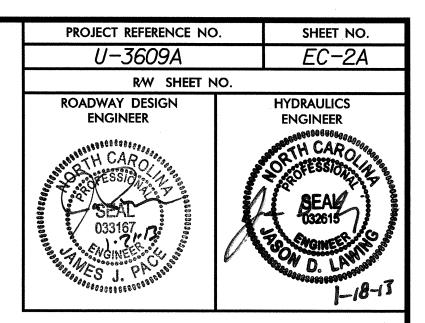


### NOTES:

1. INSTALL THREE(3) COIR FIBER BAFFLES IN SILT BASINS AND SEDIMENT DAMS AT DRAINAGE OUTLETS WITH A SPACING OF  $\frac{1}{4}$  THE BASIN LENGTH.

2. TWO(2) COIR FIBER BAFFLES CAN BE INSTALLED IN SILT BASINS AND DAMS LESS THAN 20 FT. IN LENGTH WITH A SPACING OF 1/3 THE BASIN LENGTH.

3. TOP HEIGHT OF COIR FIBER BAFFLES SPILLWAY ELEVATION.



### VARIABLE DEPTH

STEEL POST - 2'-0" DEPTH



STEEL POSTS (QUANTITY VAR.)-

COIR FIBER BAFFLE (SEE ROADWAY STD. DWG. NO. 1640.01)

TEMPORARY OR PERMANENT DITCH -

.

NOTES

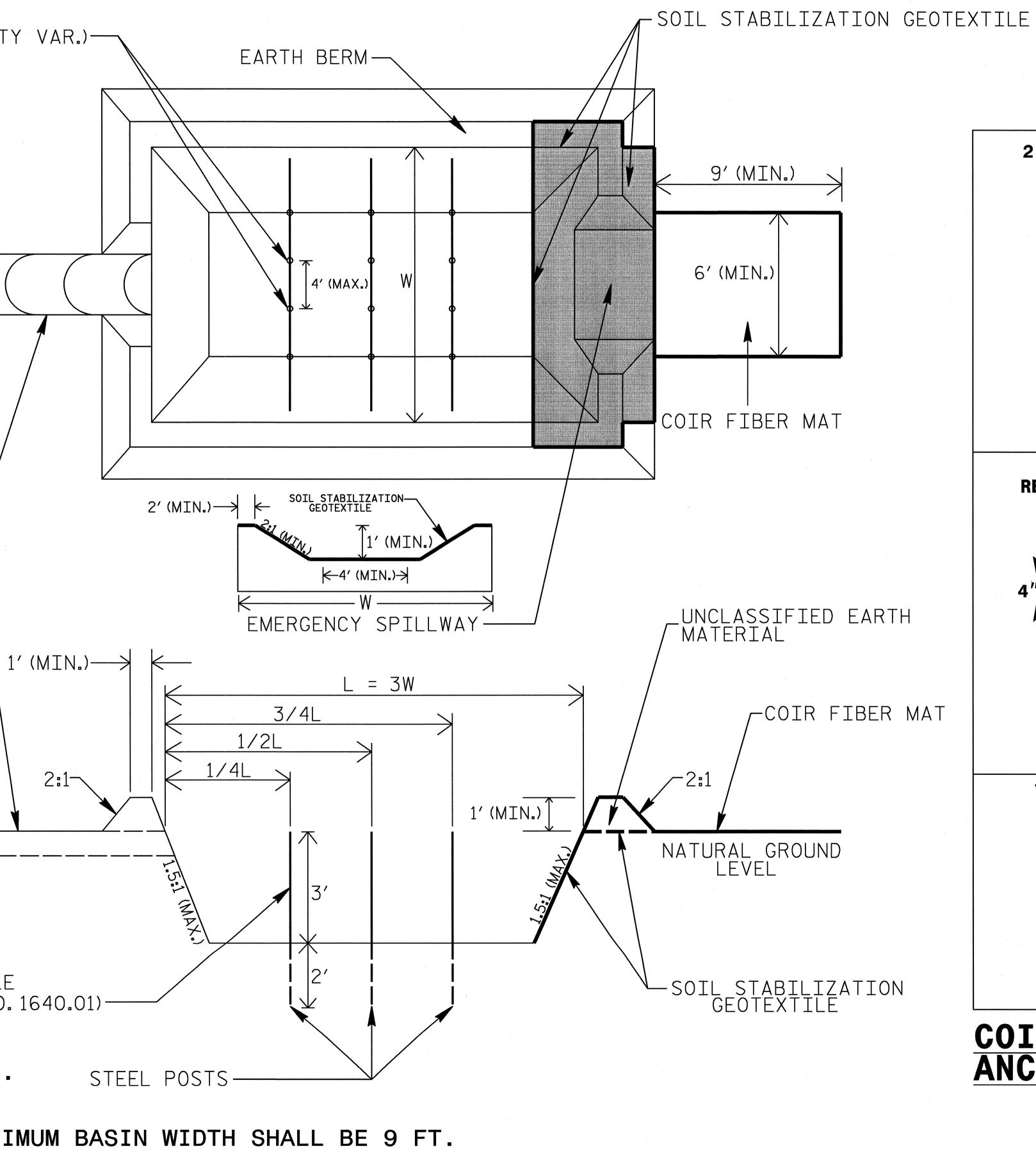
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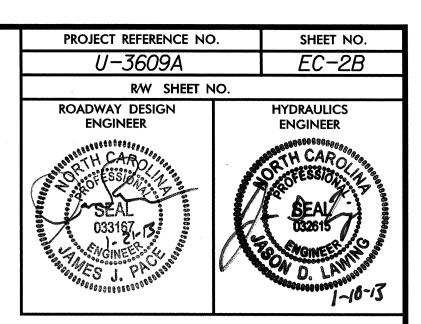
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- 1. DO NOT EXCAVATE BELOW WATER TABLE.
- 2. LIMIT EARTH BERM HEIGHT TO 3 FT.
- 3. AVOID COMPACTING BOTTOM OF BASIN.

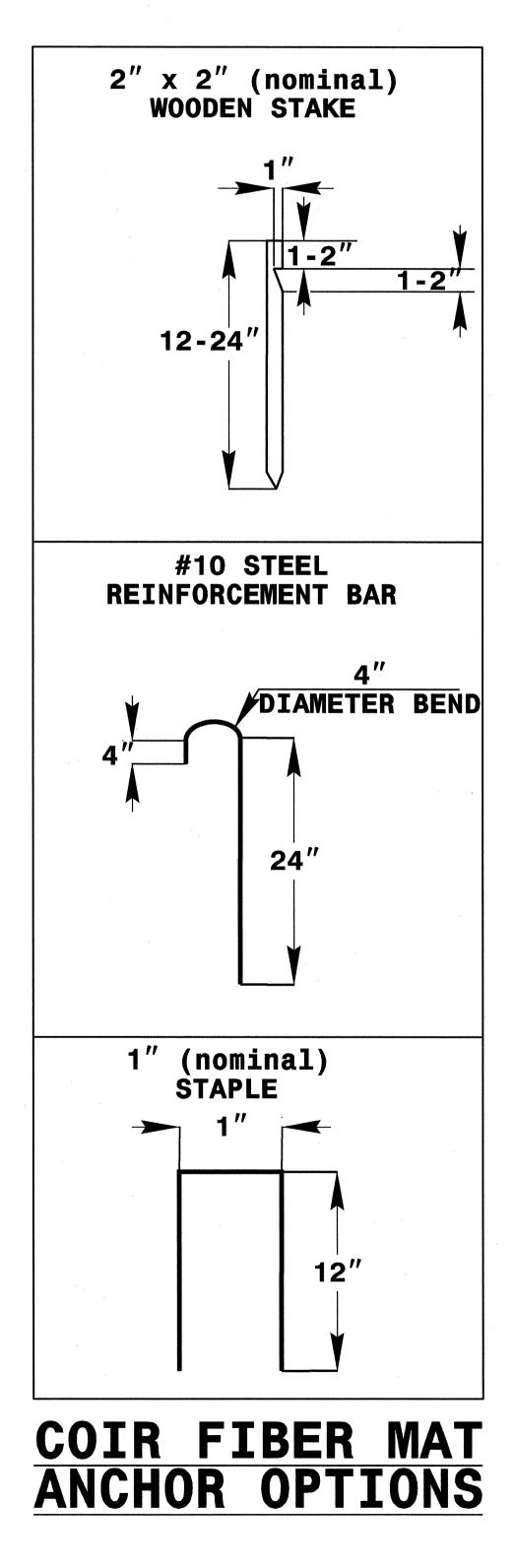
# INFILTRATION BASIN WITH BAFFLES DETAIL



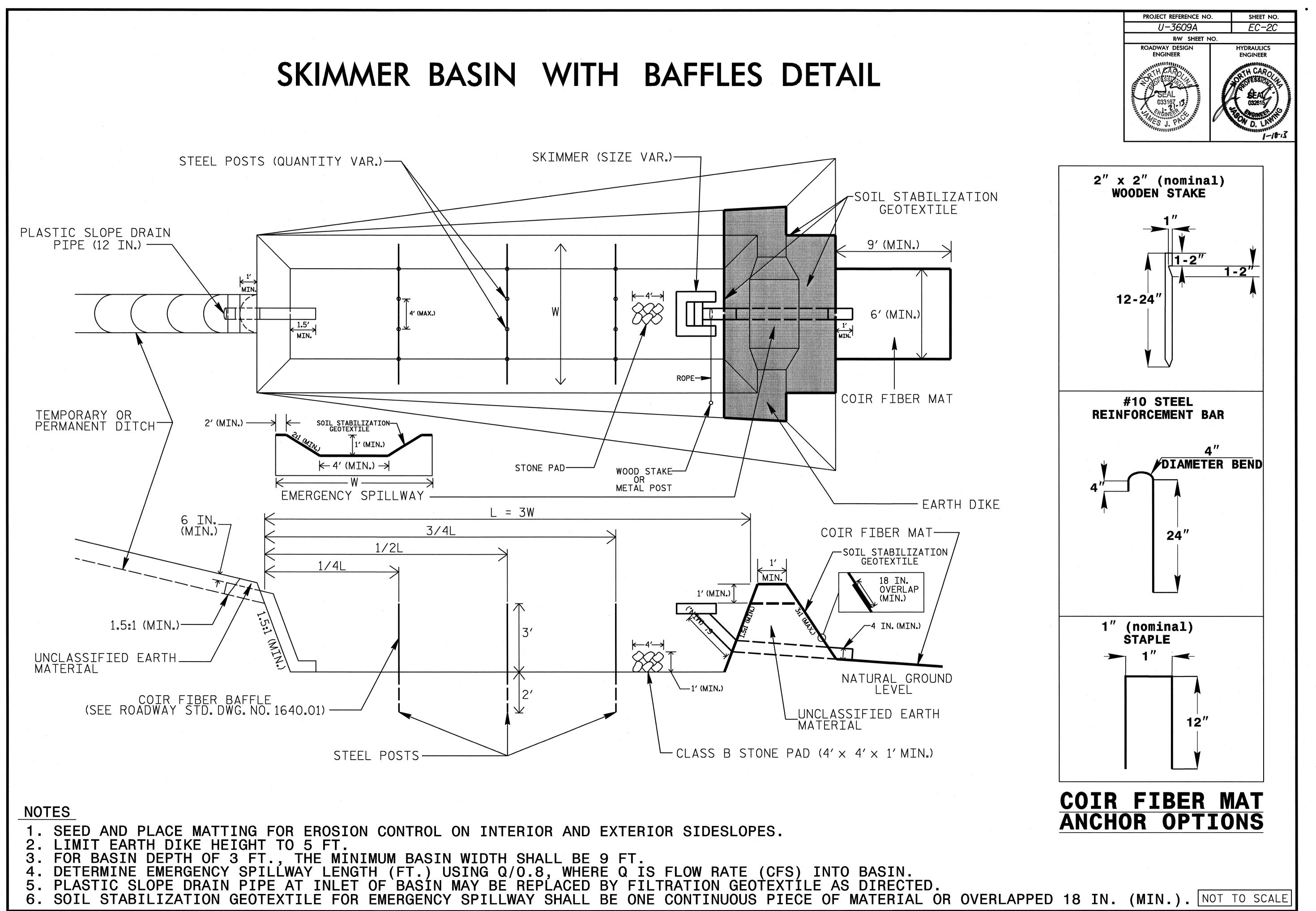
4. FOR BASIN DEPTH OF 3 FT., THE MINIMUM BASIN WIDTH SHALL BE 9 FT. 5. DETERMINE EMERGENCY SPILLWAY LENGTH (FT.) USING Q/0.8, WHERE Q IS FLOW RATE (CFS) INTO BASIN.



-COIR FIBER MAT



NOT TO SCALE

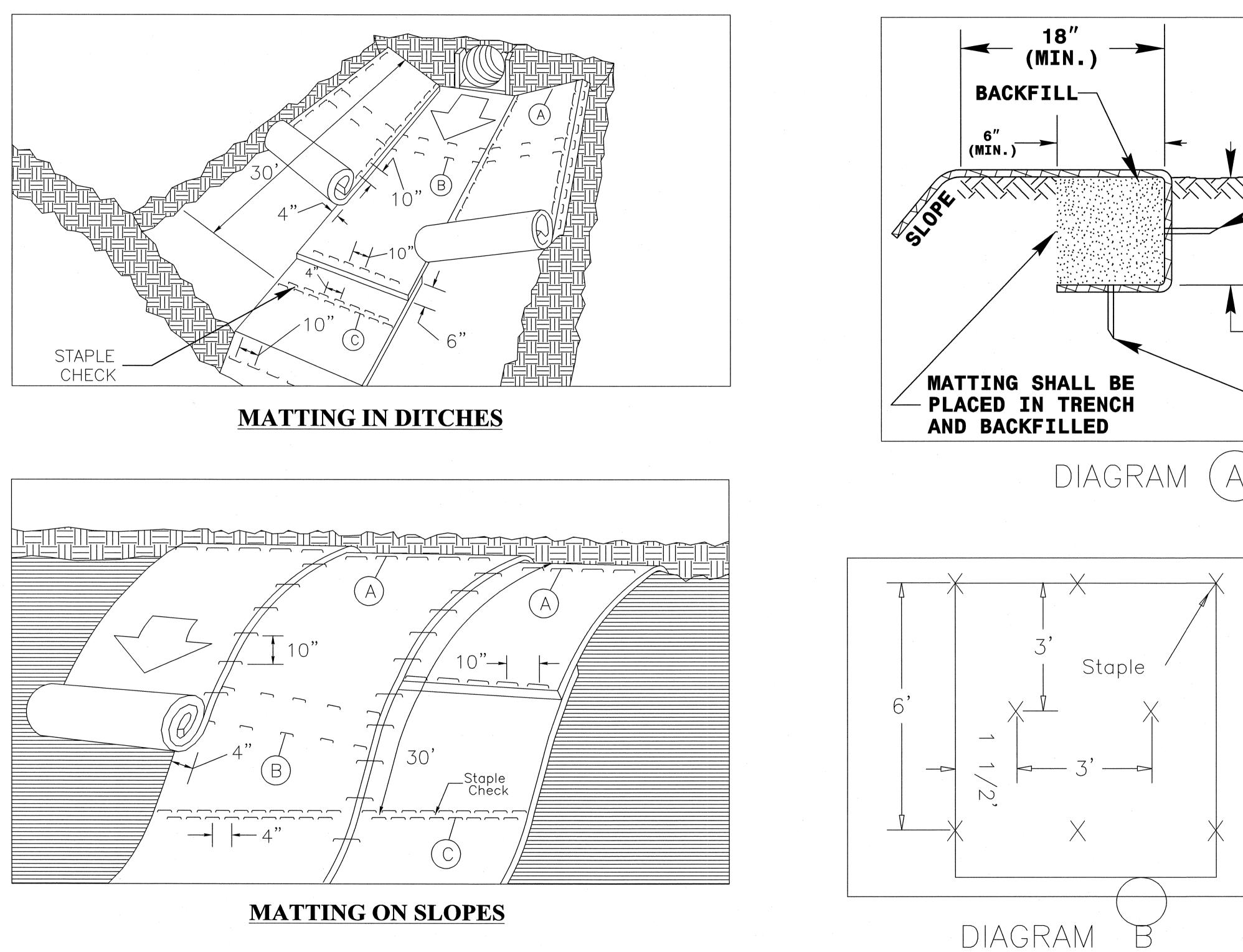


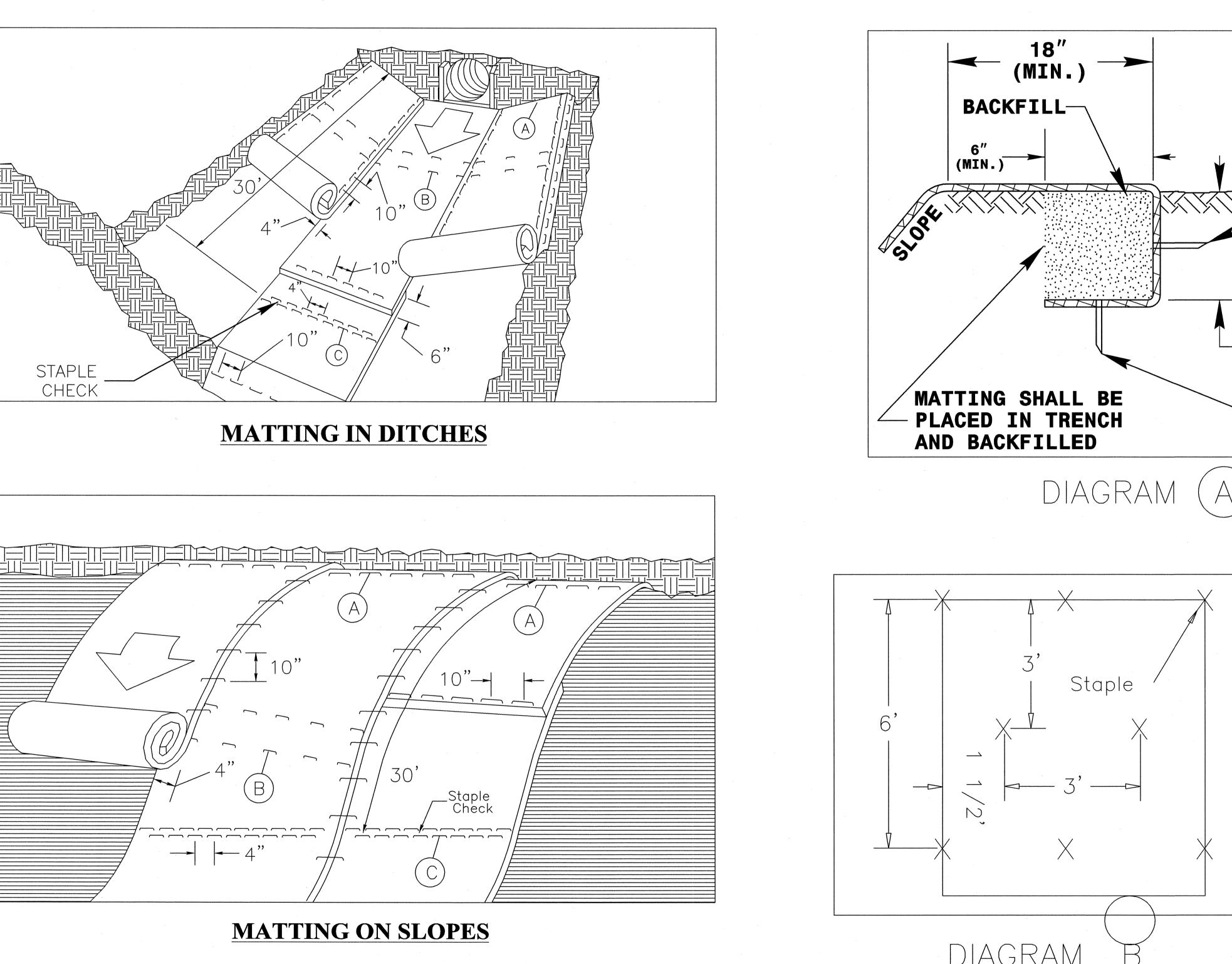
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THIS DETAIL APPLIES TO STRAW, EXCELSIOR, AND PERMANENT SOIL REINFORCEMENT MAT (PSRM) INSTALLATION. STAPLES SHALL BE NO. 11 GAUGE STEEL WIRE FORMED INTO A "U" SHAPE WITH A MINIMUM THROAT WIDTH OF 1 INCH AND NOT LESS THAN 6 INCHES IN LENGTH.

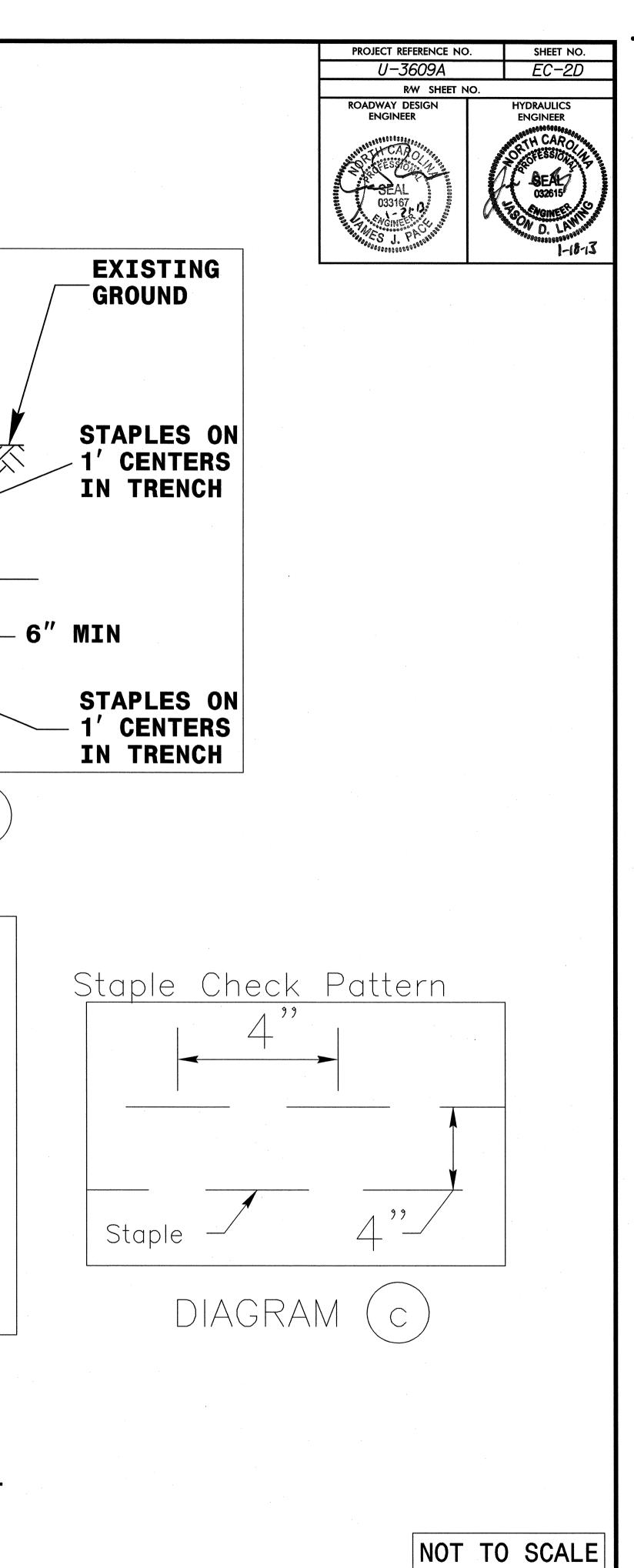
NOTES:





m.





### SITE DESCRIPTION

PERIMETER DIKES, SWALES, DITCHES AND S

HIGH QUALITY WATER (HQW) ZONES

SLOPES STEEPER THAN 3:

SLOPES 3: OR FLATTER

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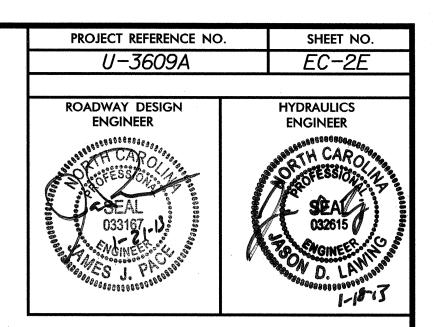
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ALL OTHER AREAS WITH SLOPES FLATTER

### DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

## SOIL STABILIZATION TIMEFRAMES

7 DAYS NONE   7 DAYS IF SLOPES   7 DAYS IF SLOPES   14 DAYS 7 DAYS F   14 DAYS 14 DAYS			N. 1
TODAYS NONE   7 DAYS IF SLOPES   7 DAYS IF SLOPES   14 DAYS 7 DAYS F   14 DAYS 14 DAYS		STABILIZATION TIME	Τ/Λ
7 DAYS IF SLOPES NOT STEE I4 DAYS I4 DAYS IF SLOPES NOT STEE LENGTH.	SLOPES	7 DAYS	NONE
I4 DAYS NOT STEE LENGTH.		7 DAYS	NONE
LENGTH.		7 DAYS	
R THAN 4:I I4 DAYS NONE, EXC		14 DAYS	
	R THAN 4:1	14 DAYS	NONE, EXC



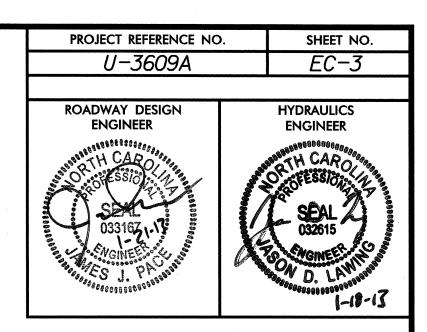
IMEFRAME EXCEPTIONS S ARE 10' OR LESS IN LENGTH AND ARE EPER THAN 2:1, 14 DAYS ARE ALLOWED. FOR SLOPES GREATER THAN 50' IN CEPT FOR PERIMETERS AND HOW ZONES.

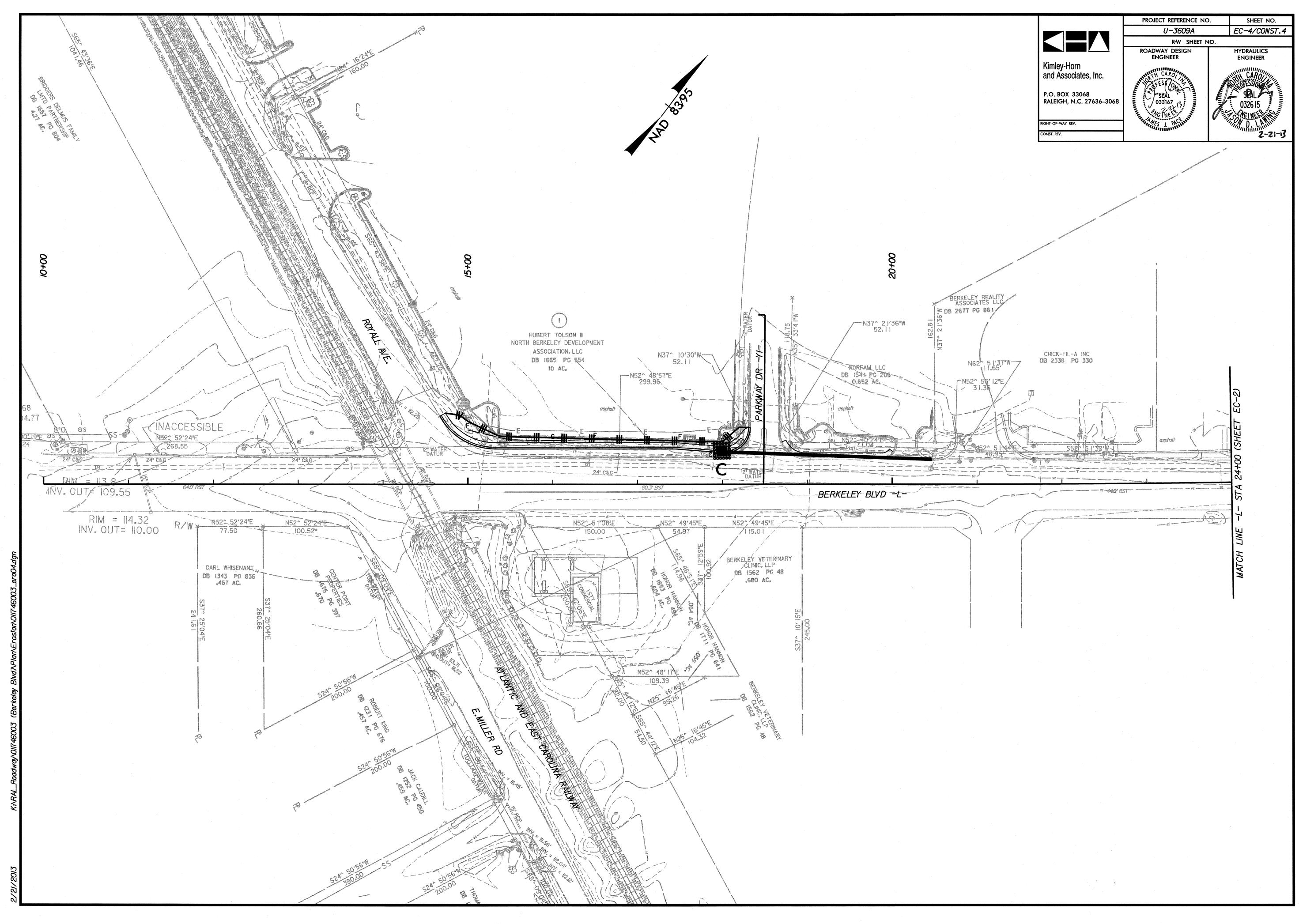
CONST SHEET NO.	LINE	FROM TO STATION STATION	SIDE	ESTIMATE (SY)	CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
5	- Y2-	12+00 12+35	5 R1	20	5	-レ-	33+73	35+64	LT	800
5	- Y2-	11+50 12+05.9	28 LT	30						
5	- Y2-	11+36.98 12+00		30						
7	- Y3 -	11+58.94 12+40	RT	40						
රී	- Y5-	11+39.6612+39.1	4 R1	50			· · · · · · · · · · · · · · · · · · ·			
රි	- Y5-	11+36.6612+39.8	5 LT	50				SU	BTOTAL	800
9	- Y7 -	11+51.35 12+40	RT	40			ADDITIONAL	PSRM TO BE	INSTALLED	135
				· · · · · · · · · · · · · · · · · · ·					TOTAL	935
5	-L- BASIN	35+00	LT	700					SAY	1000
	· · · · · · · · · · · · · · · · · · ·									
	· · ·									
		6	UBTOTAL	960		······································				
MISCELLANE	OUS MATTING TO BE INSTA									
	· · · · · · · · · · · · · · · · · · ·		TOTAL	1650						
		· · · · · · · · · · · · · · · · · · ·	SAY	1700						
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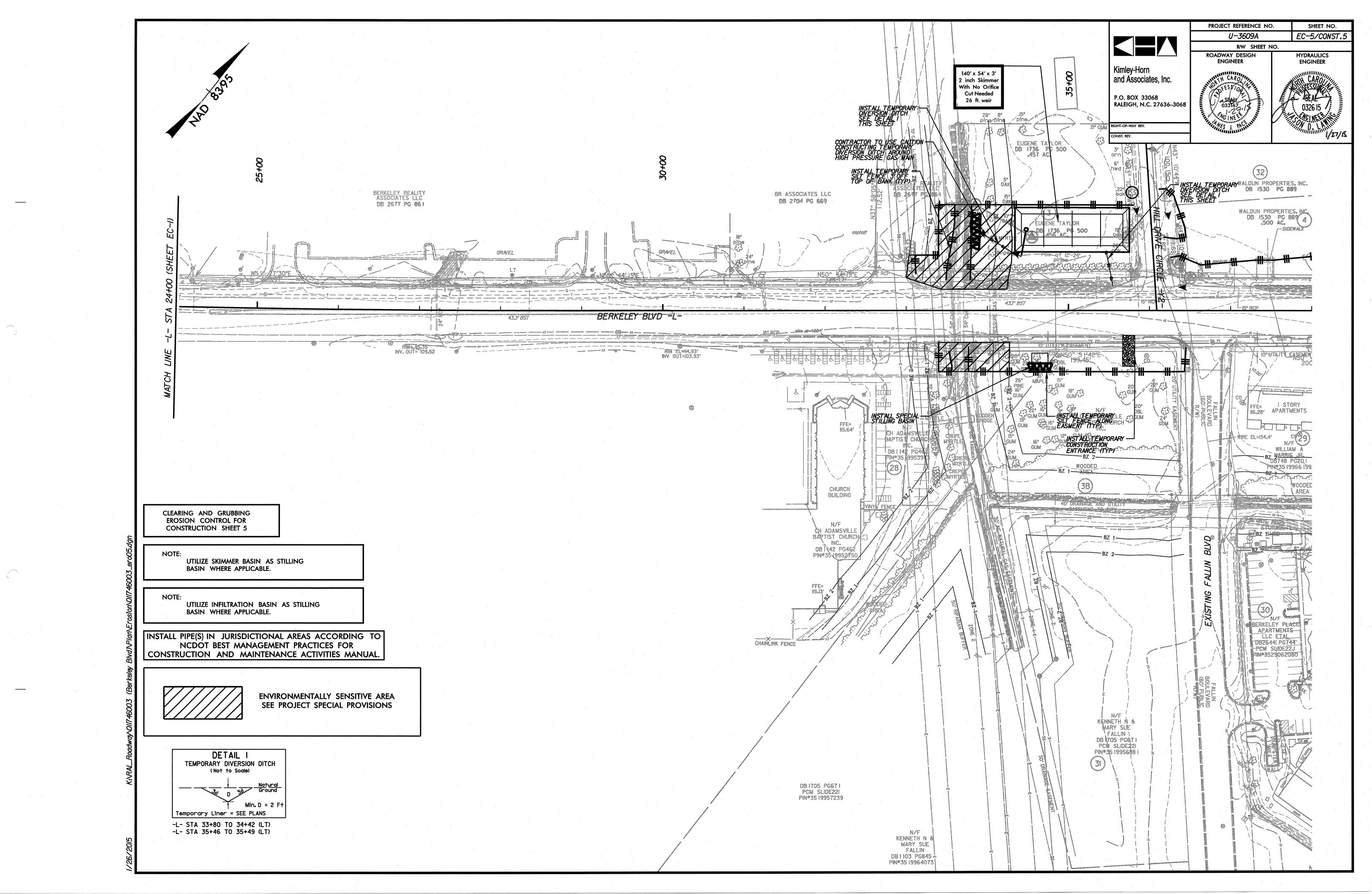
### DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

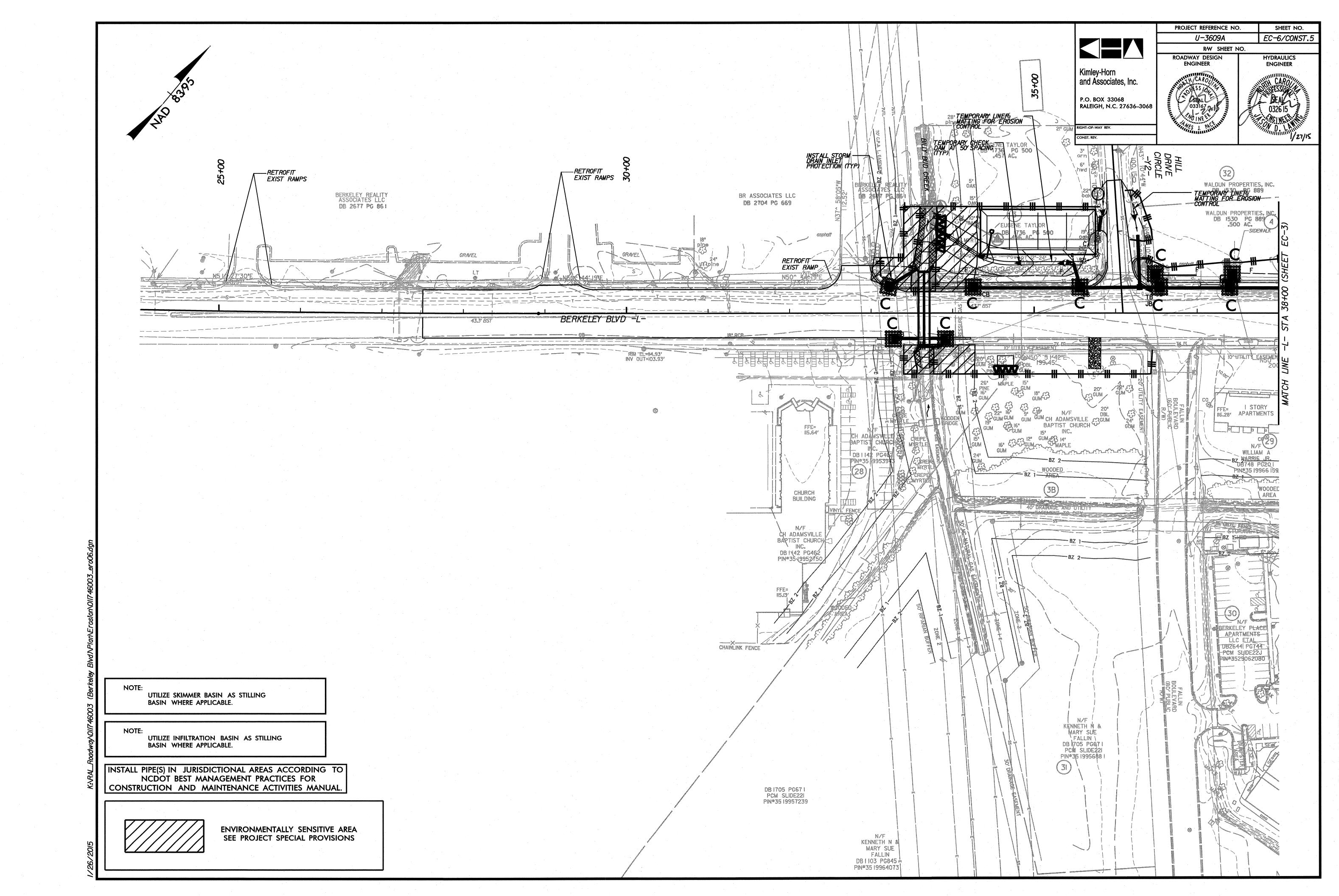
### SOIL STABILIZATION SUMMARY SHEET

### MATTING FOR EROSION CONTROL PERMANENT SOIL REINFORCEMENT MAT

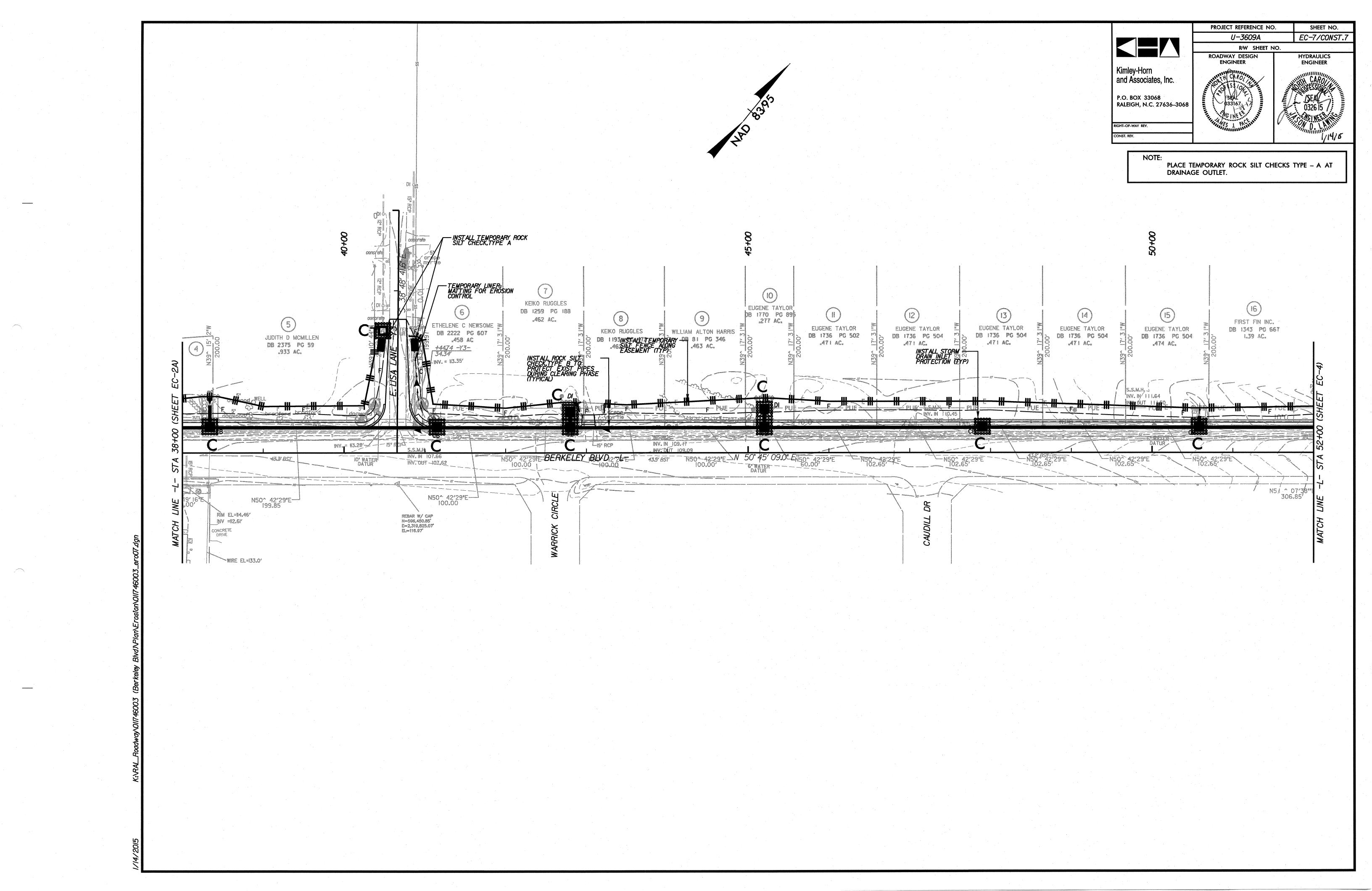


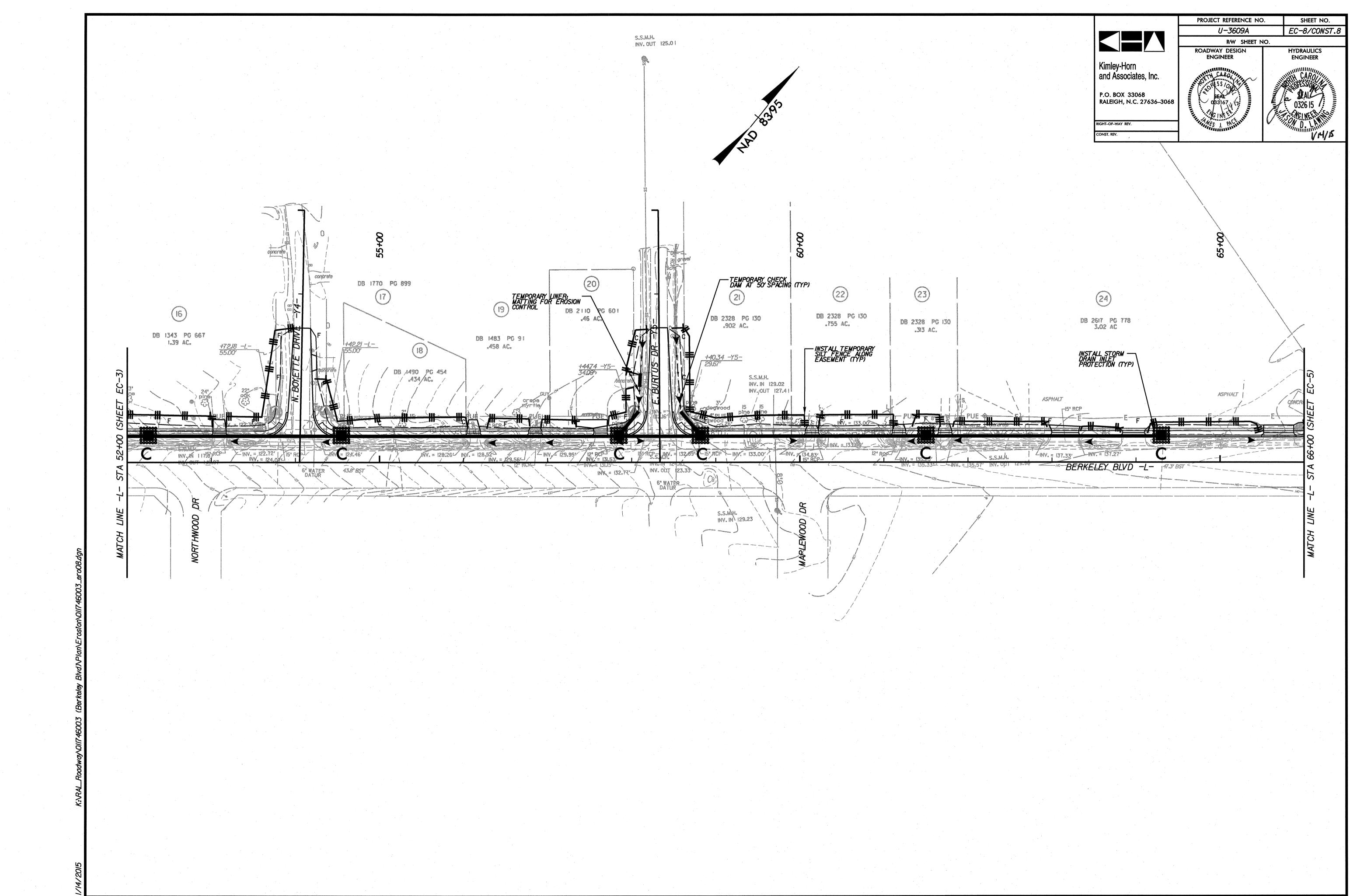


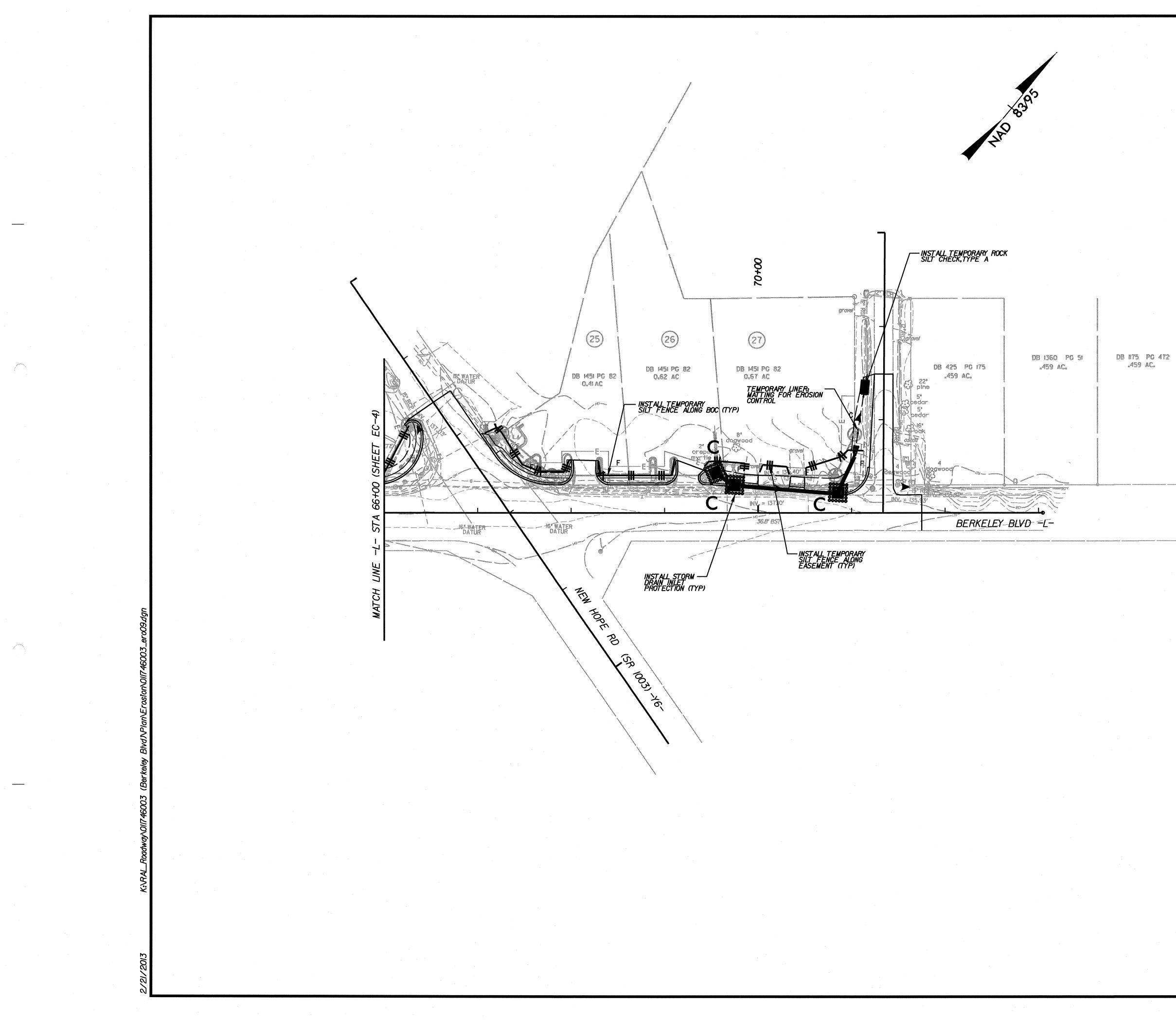




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PROJECT REFERENCE NO. SHEET NO. U-3609A EC-9/CONST.9 R/W SHEET NO. ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER Kimley-Horn and Associates, Inc. CAR P.O. BOX 33068 RALEIGH, N.C. 27636–3068 RIGHT-OF-WAY REV. 2-21-13 ONST. REV. NOTE: PLACE TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLET.

IR/W

