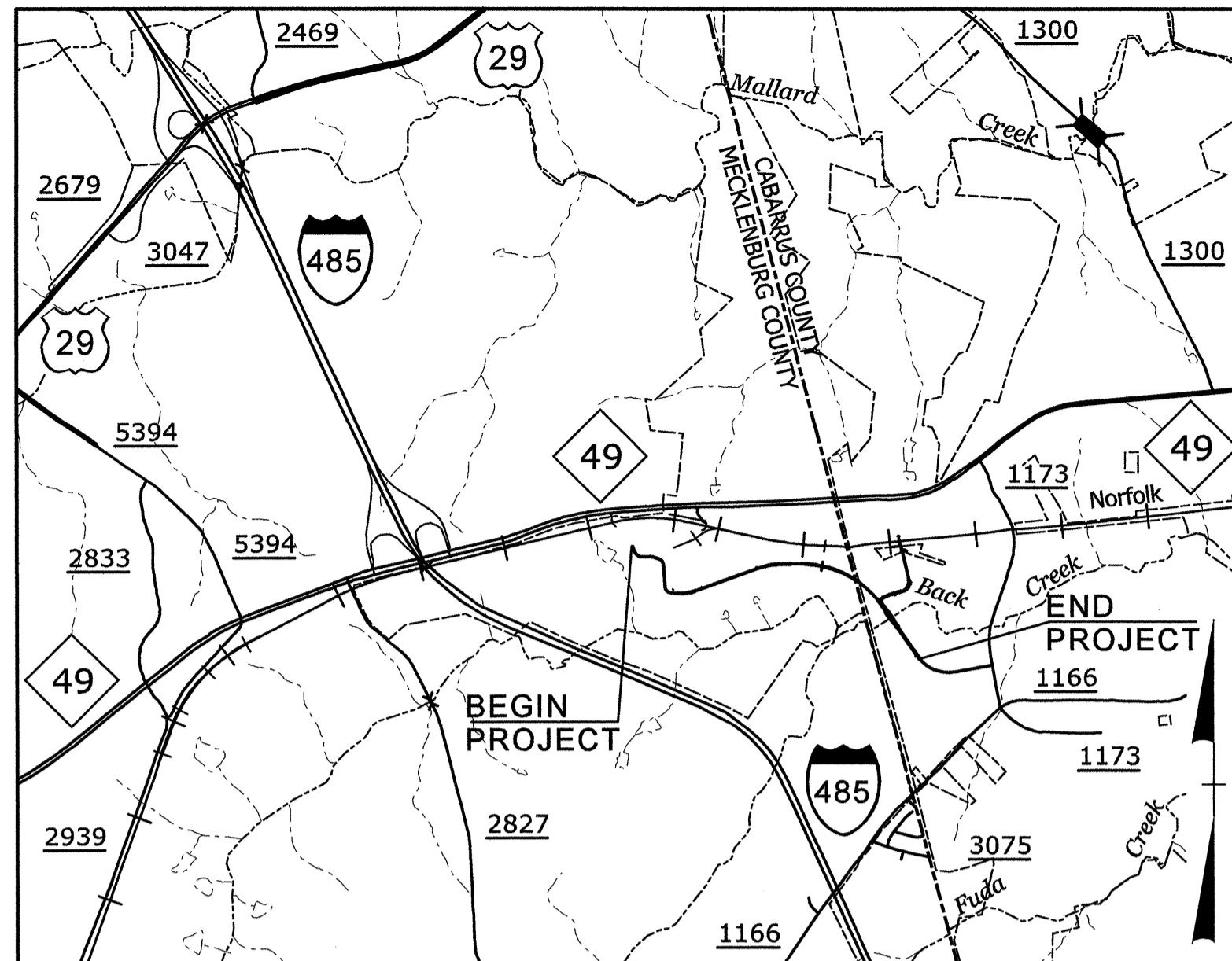


6808DEL_F214

TIP PROJECT: P-5208E



SKETCH MAP SHOWING THE VICINITY OF STATE PROJECT P-5208E

Index of Sheets	
EC-1	Title Sheet
EC-2 - EC-2C	Erosion Control Details
EC-3	Soil Stabilization Summary
EC-3A	Stabilization Timeframes
EC-4 - EC-9	Clearing and Grubbing Plans
EC-10 - EC-15	Final Grade Plans

STATE OF NORTH CAROLINA
NCDOT RAIL DIVISION

MECKLENBURG & CABARRUS COUNTIES

LOCATION: CALDWELL PARK DRIVE EXTENSION
ON NEW LOCATION FROM COCHRANE FARM PROPERTY TO EXISTING CALDWELL PARK DRIVE

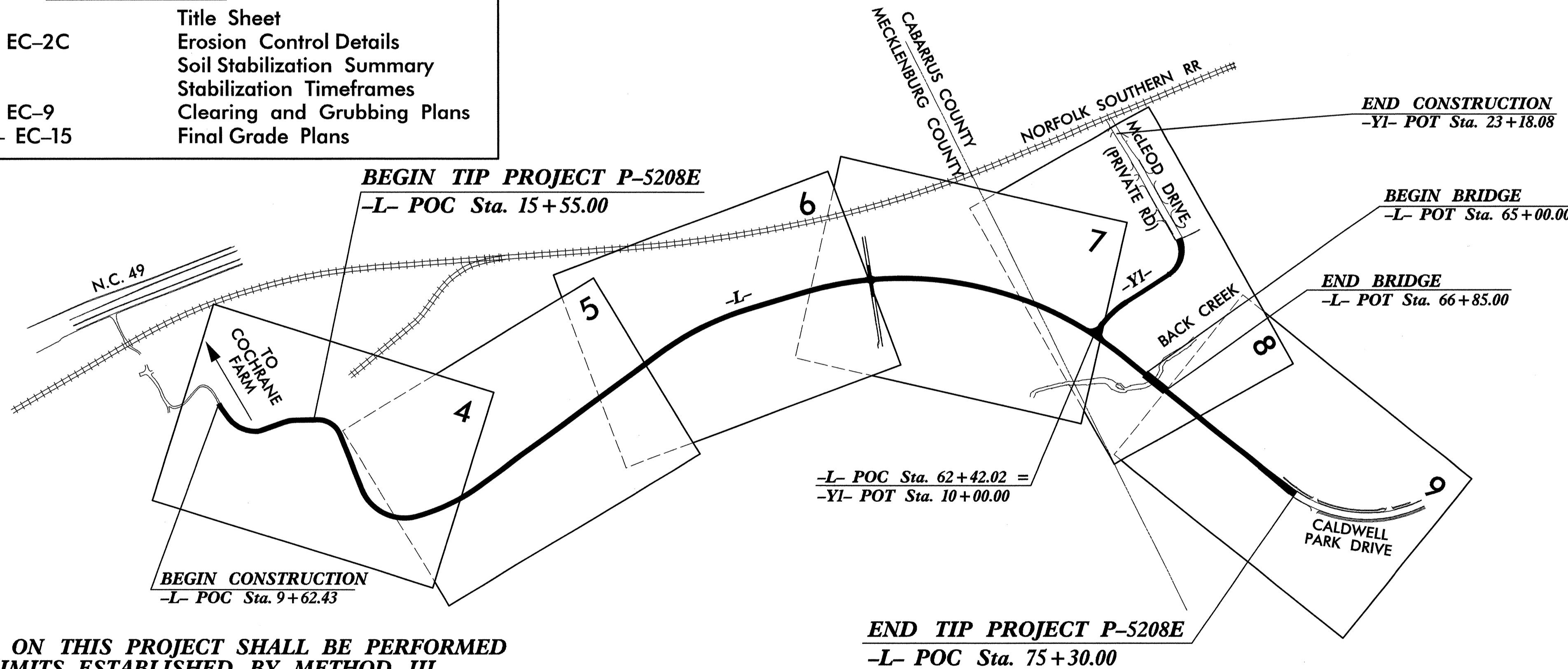
PLAN FOR PROPOSED HIGHWAY EROSION CONTROL



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	P-5208E	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50000.1.STR20T1B		PE, UTIL PE	
50000.1.STR23T3		PE, UTIL PE	
43219.2.STR09P5208E		RW	
50000.3.STR05T4A		UTIL CONST	
50000.3.STR05T4A		CONST	

EROSION AND SEDIMENT CONTROL MEASURES

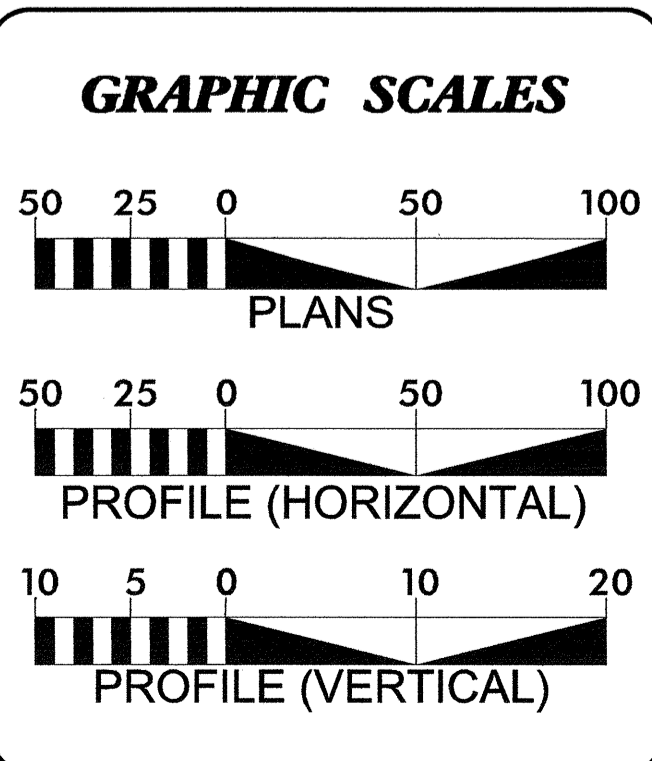
Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	—
1630.02	Silt Basin Type B	▨
1633.01	Temporary Rock Silt Check Type-A	▨
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	▨
1633.02	Temporary Rock Silt Check Type-B	▨
	Wattle/Coir Fiber Wattle	—
	Wattle/Coir Fiber Wattle with Polyacrylamide (PAM)	—
1634.01	Temporary Rock Sediment Dam Type-A	▨
1634.02	Temporary Rock Sediment Dam Type-B	▨
1635.01	Rock Pipe Inlet Sediment Trap Type-A	U
1635.02	Rock Pipe Inlet Sediment Trap Type-B	U
1630.04	Stilling Basin	▭
1630.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Infiltration Basin	▭



CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

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

2012 STANDARD SPECIFICATIONS
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:
SUNGATE DESIGN GROUP, P.A.
915 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL (919) 852-2249 FAX (919) 855-6258
ENG FIRM LICENSE NO. C-890

JOSHUA G. DALTON
LEVEL IIIA NAME
307
LEVEL IIIA CERTIFICATION NO.

2012 STANDARD SPECIFICATIONS

LETTING DATE: MAY 21, 2013

RIGHT OF WAY DATE: APRIL 30, 2012

HYDRAULICS ENGINEER

1/29/13

SIGNATURE: _____ P.E.

NC DEPARTMENT OF TRANSPORTATION
RAIL DIVISION
PLANNING AND DEVELOPMENT

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.

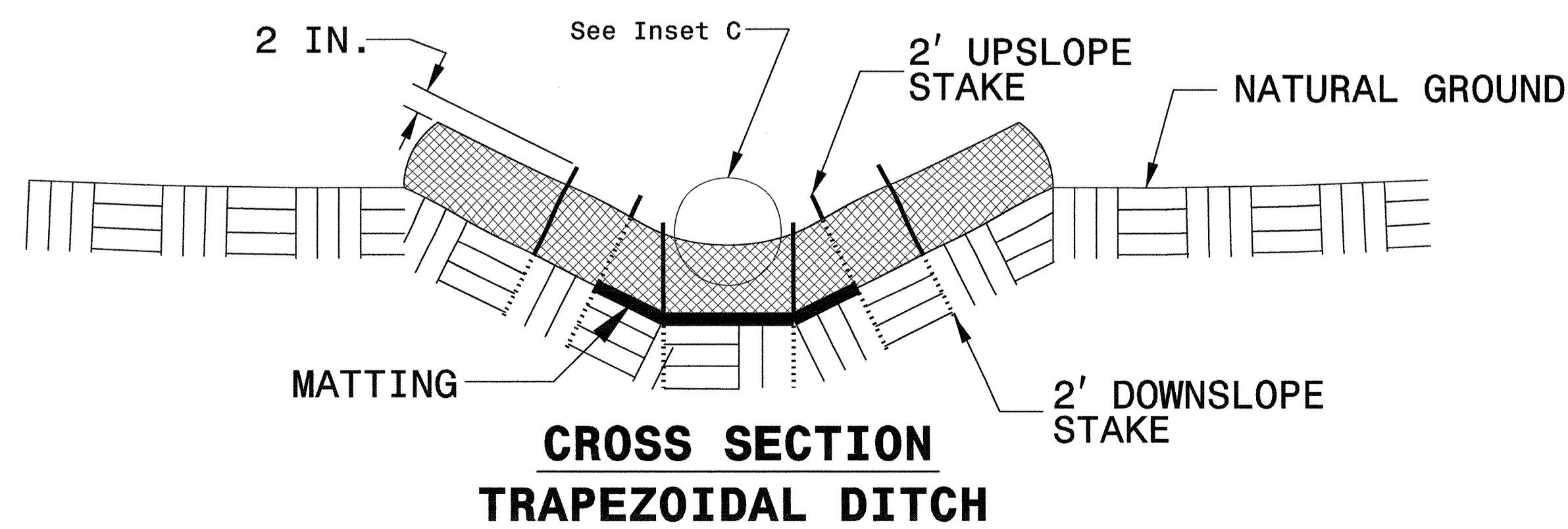
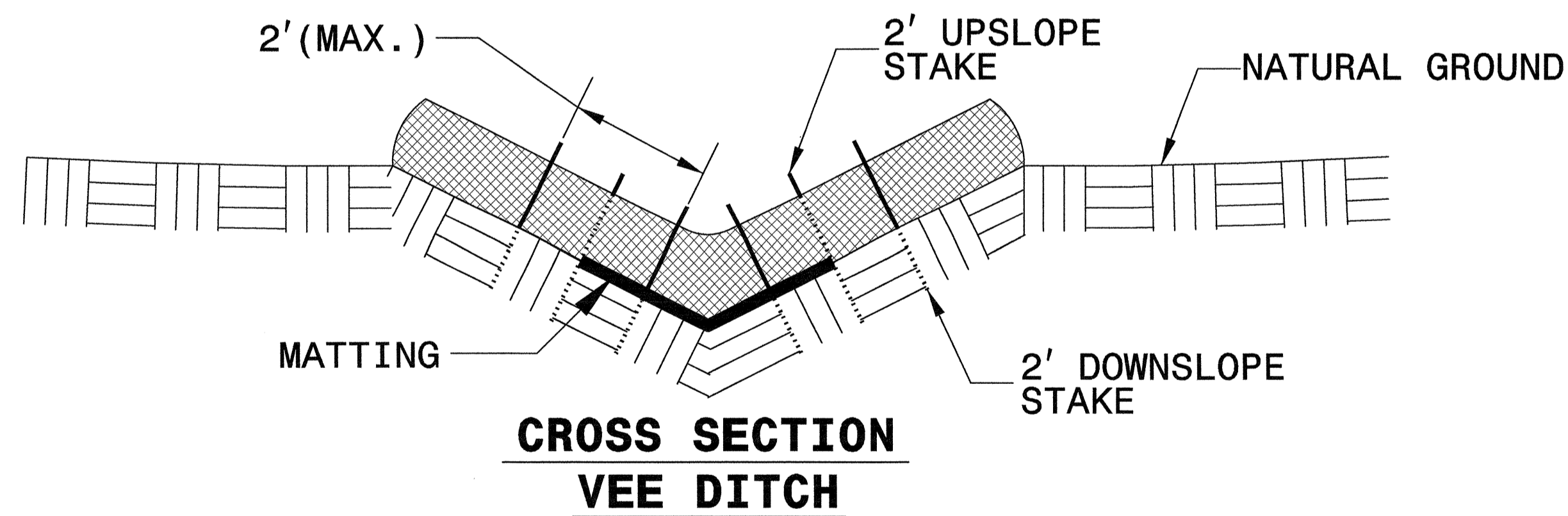
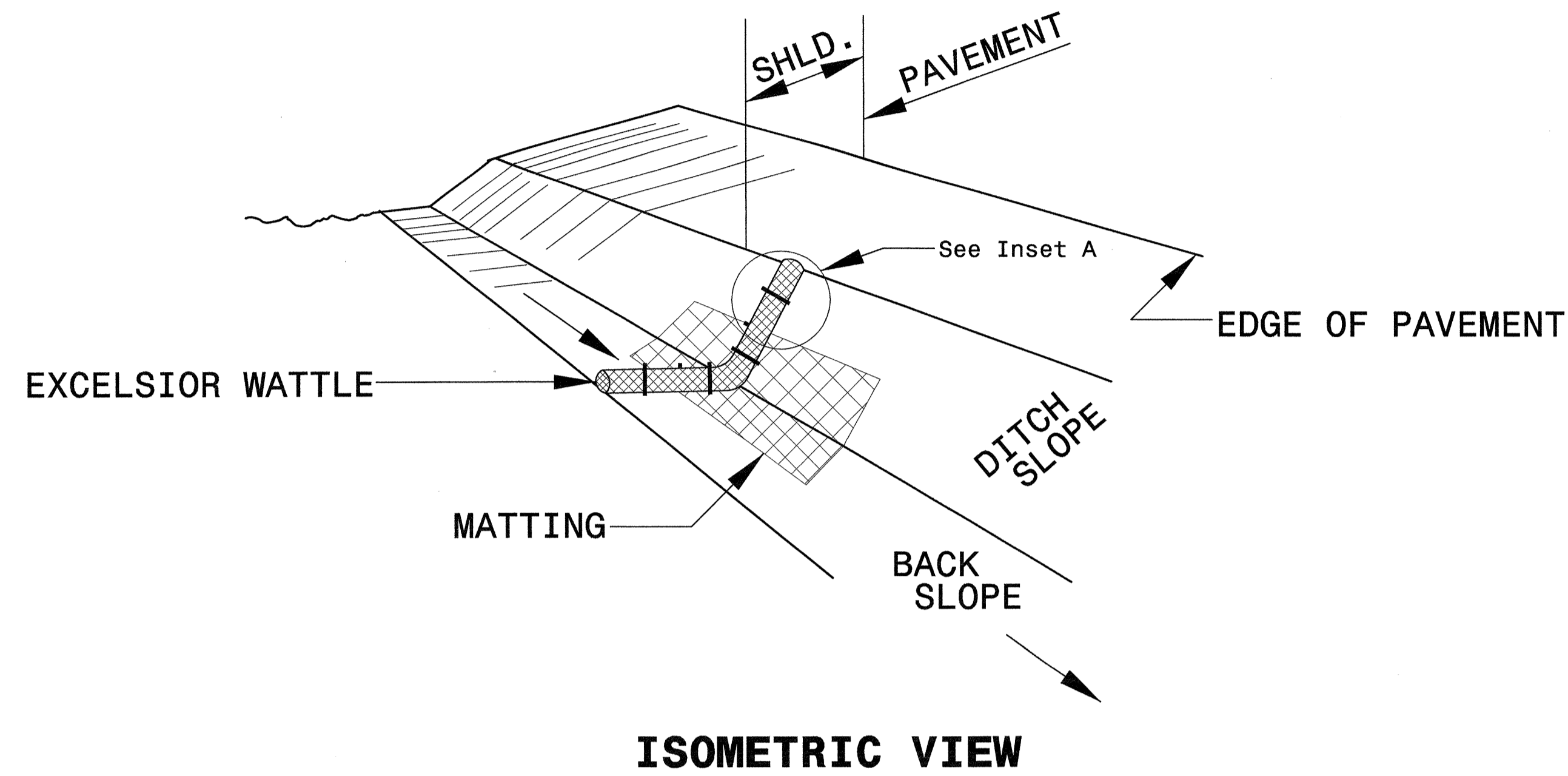
1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type B
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type 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	

DCN

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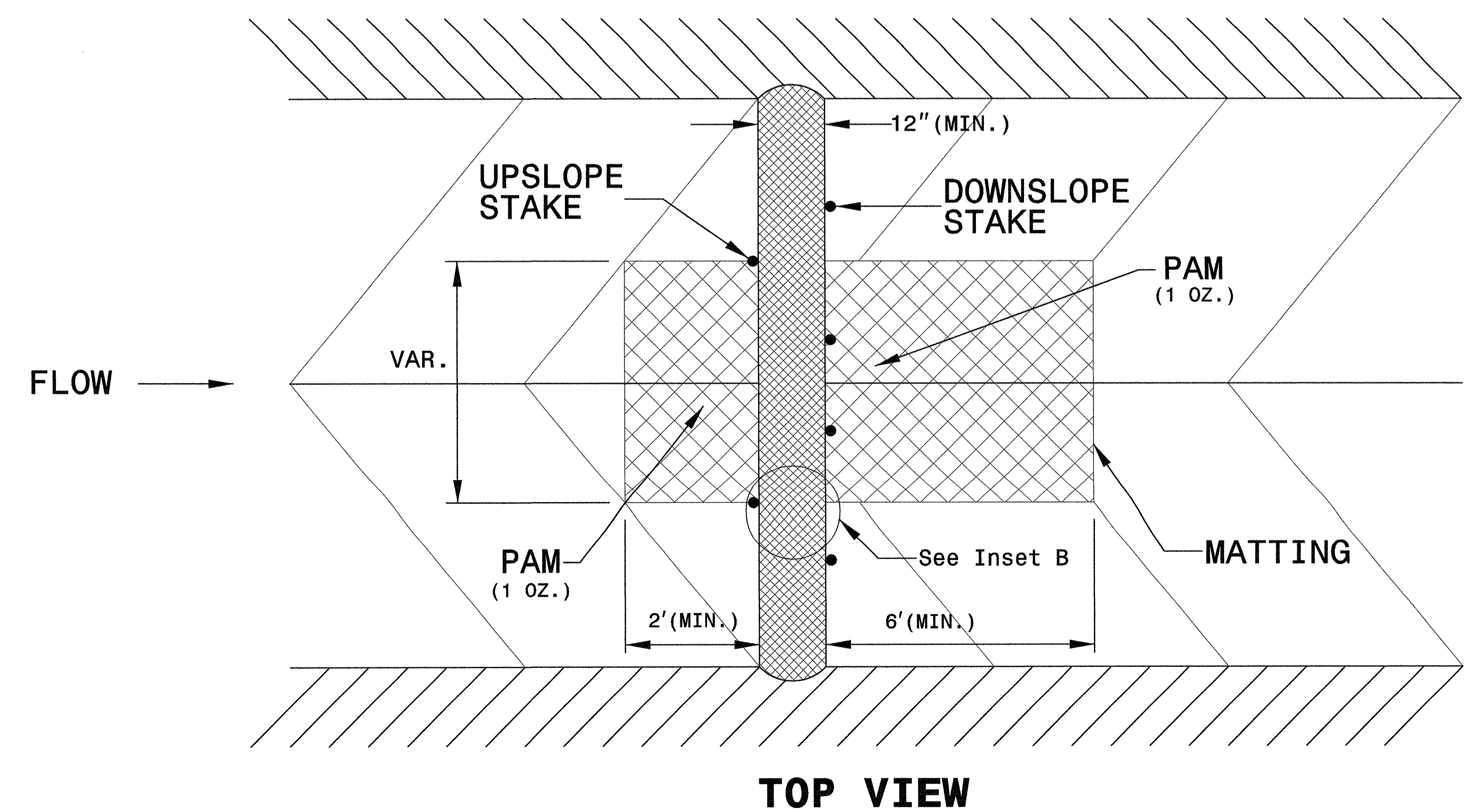
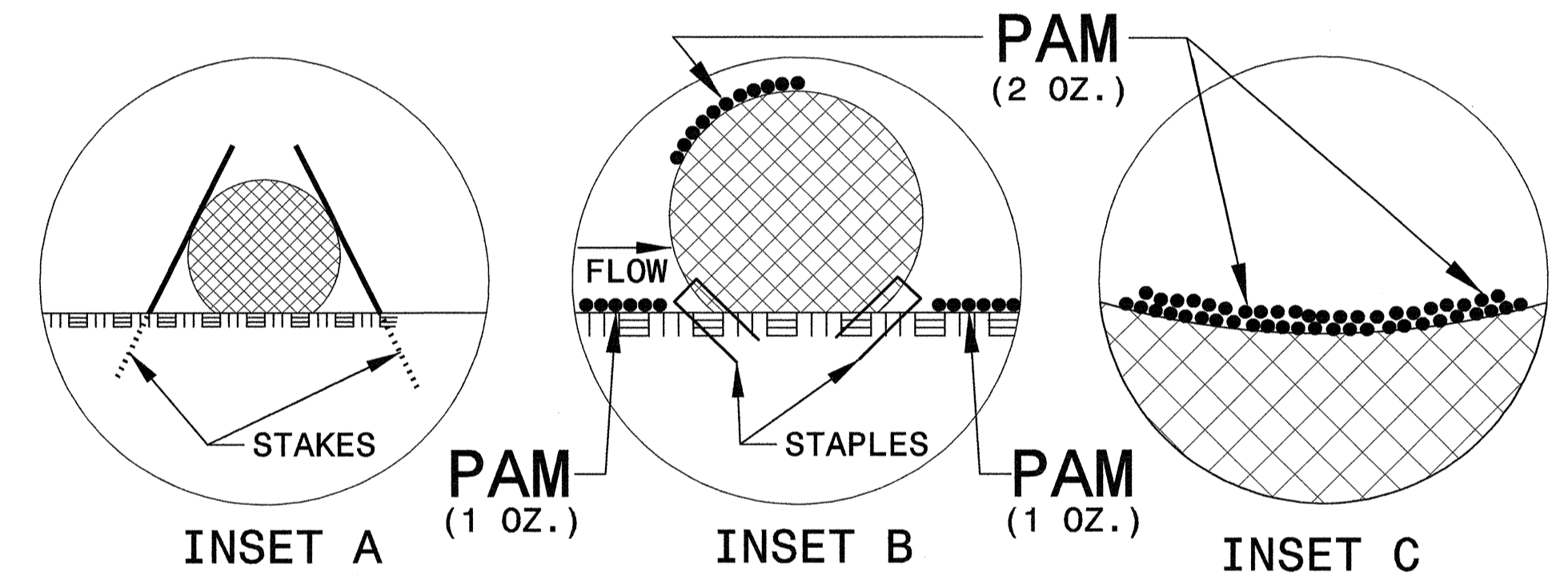
PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL



NOTES:

- USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.
- 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.
- INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.
- 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 WATTLE.
- INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON MATTING ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.

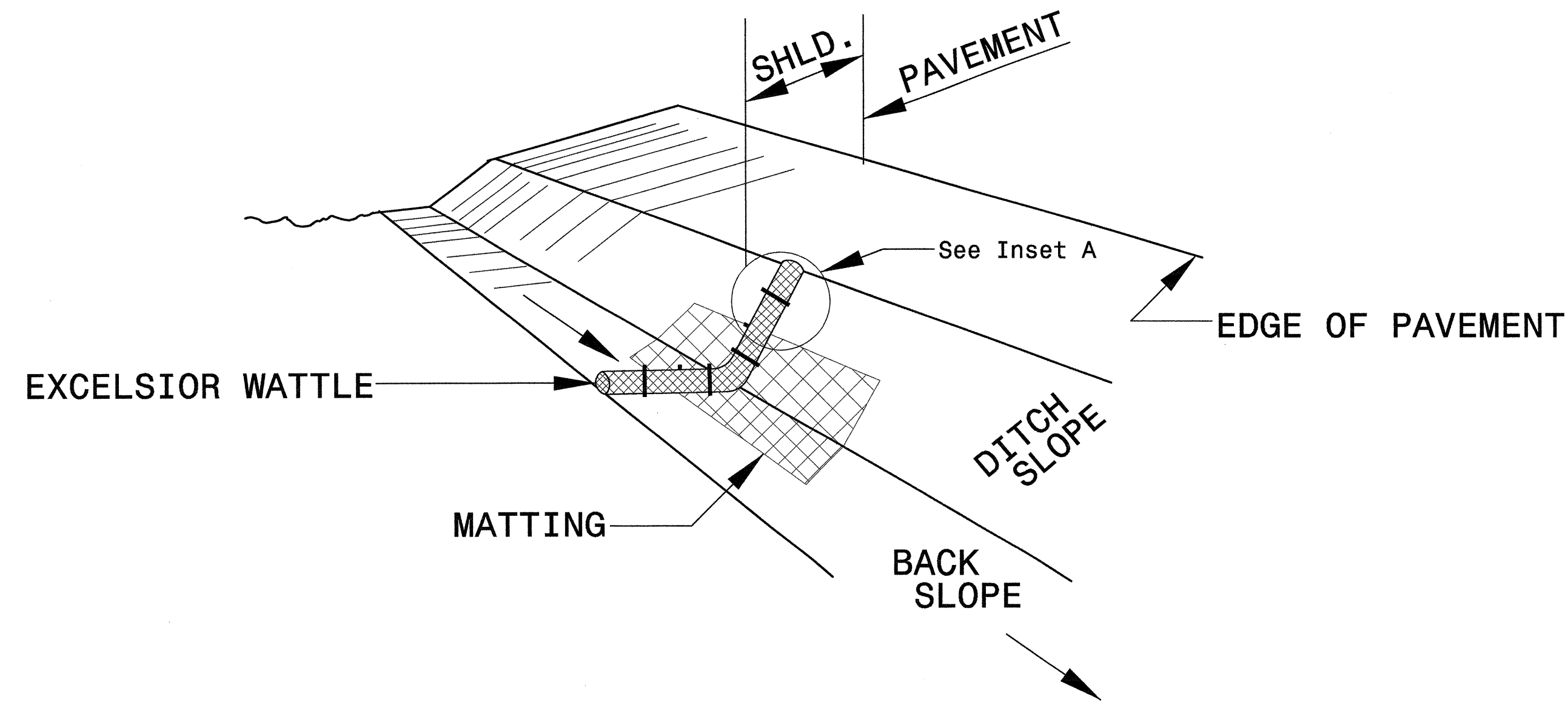


DCN

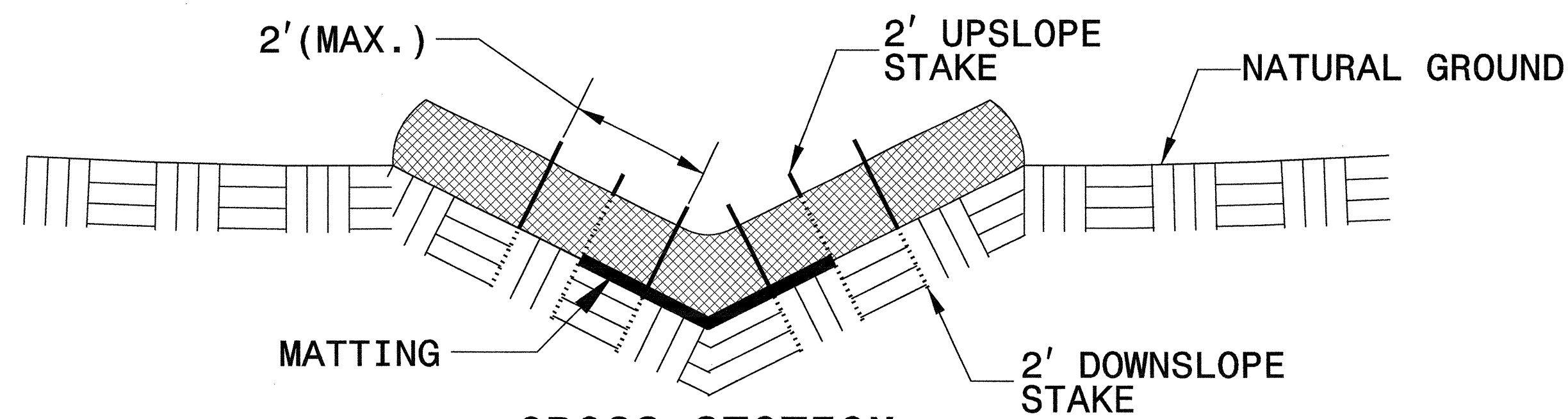
0503DEL_P21a1

WATTLE DETAIL

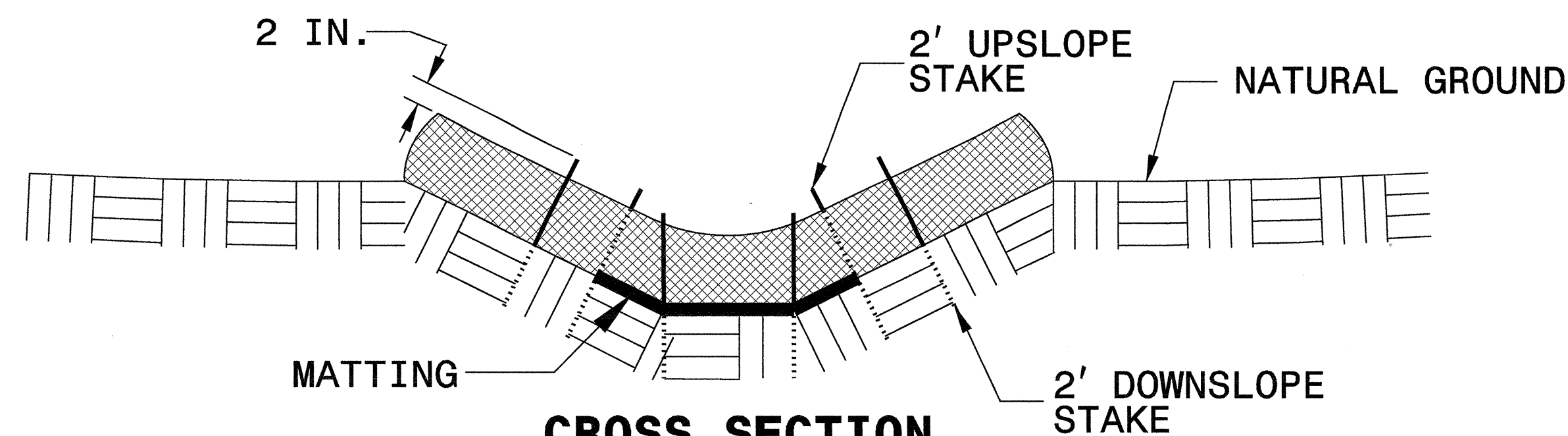
PROJECT REFERENCE NO. P-5208E		SHEET NO. EC-2A	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	



ISOMETRIC VIEW



CROSS SECTION VEE DITCH



CROSS SECTION TRAPEZOIDAL DITCH

NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

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

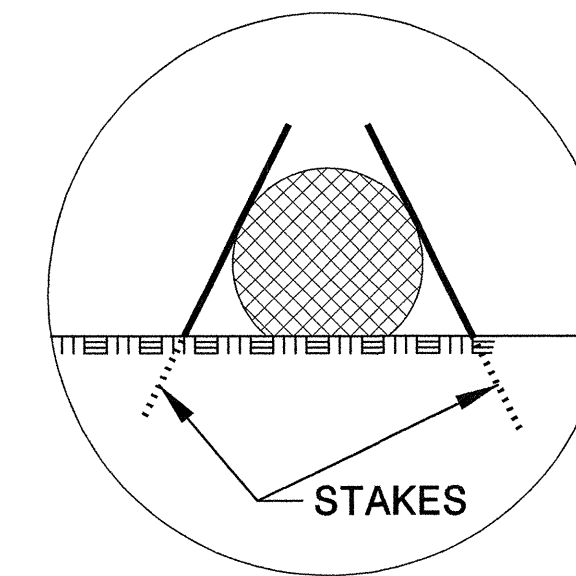
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

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

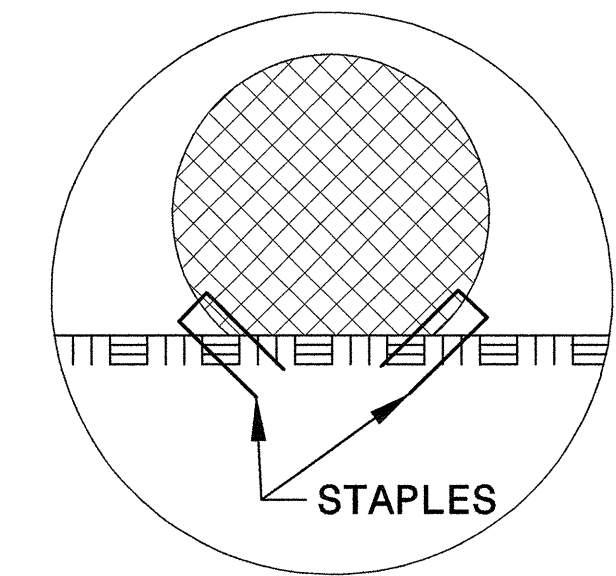
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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

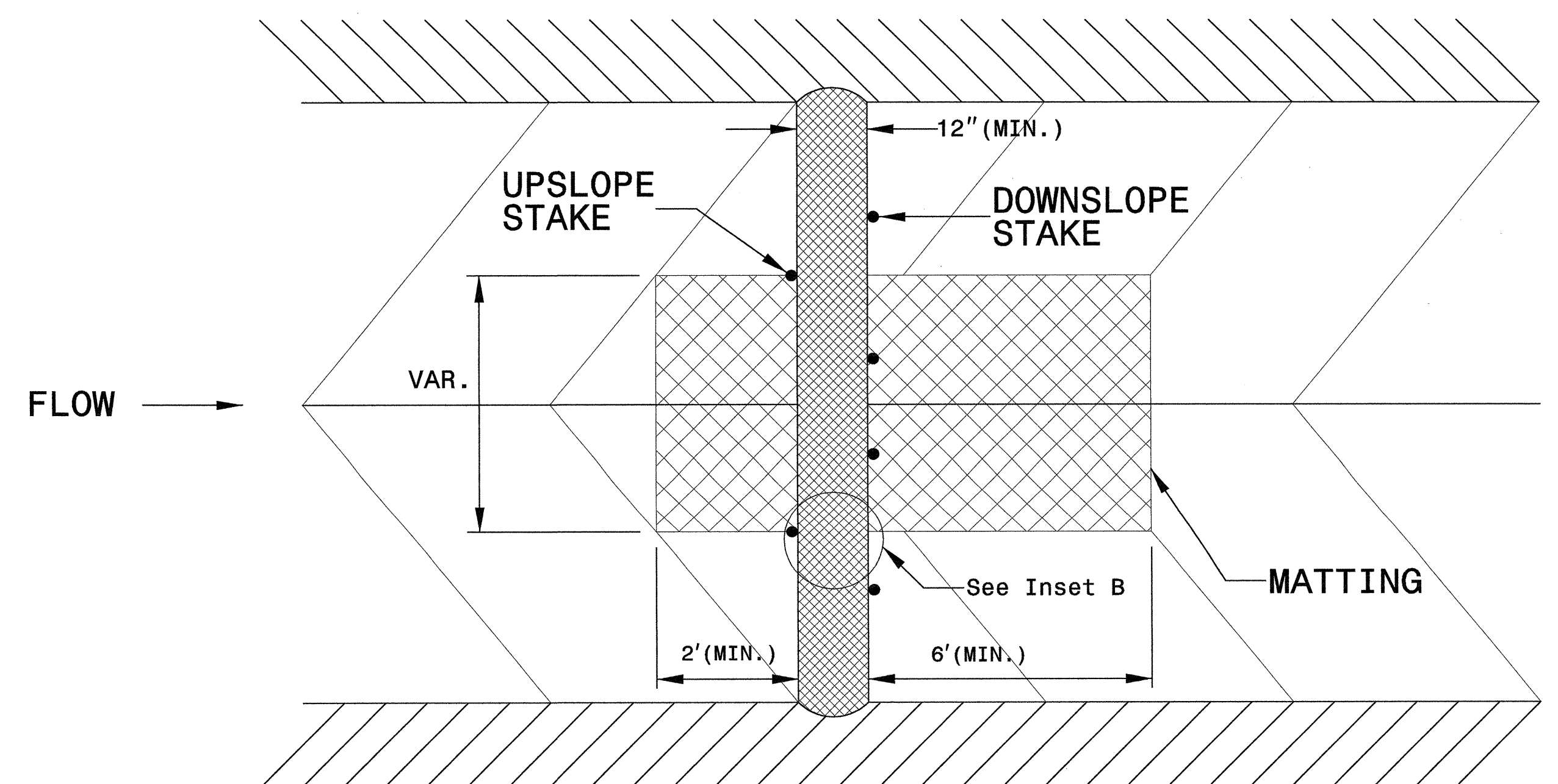
INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



INSET A



INSET B



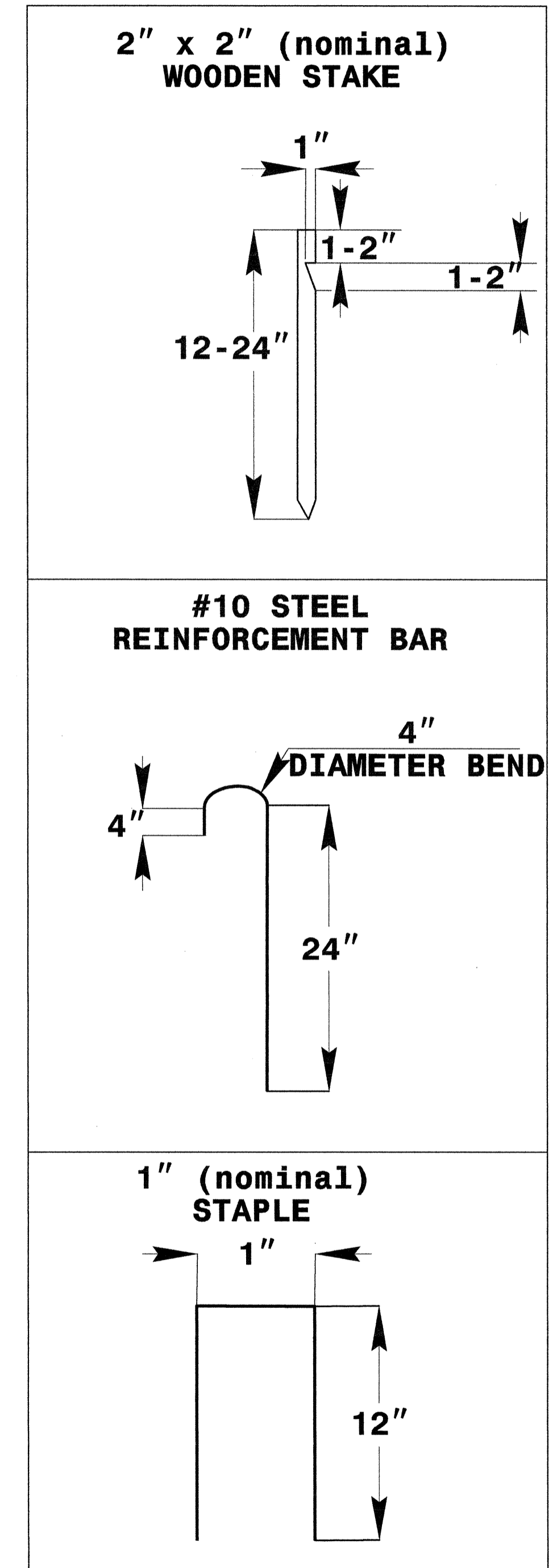
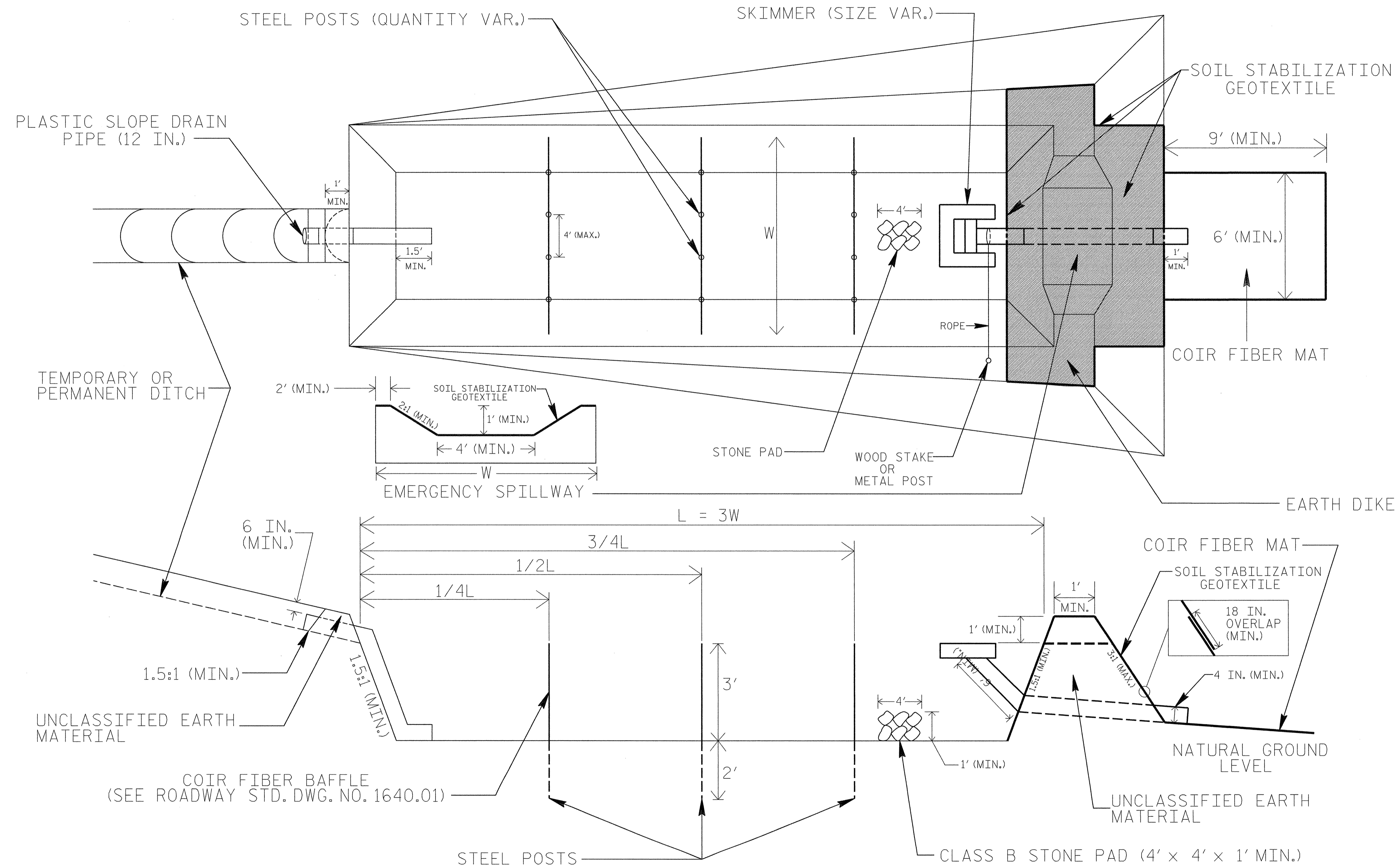
TOP VIEW

0503DEL_P21a1

DCN

SKIMMER BASIN WITH BAFFLES DETAIL

PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



NOTES

1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES.
2. LIMIT EARTH DIKE HEIGHT TO 5 FT.
3. FOR BASIN DEPTH OF 3 FT., THE MINIMUM BASIN WIDTH SHALL BE 9 FT.
4. DETERMINE EMERGENCY SPILLWAY LENGTH (FT.) USING $Q/0.8$, WHERE Q IS FLOW RATE (CFS) INTO BASIN.
5. PLASTIC SLOPE DRAIN PIPE AT INLET OF BASIN MAY BE REPLACED BY FILTRATION GEOTEXTILE AS DIRECTED.
6. SOIL STABILIZATION GEOTEXTILE FOR EMERGENCY SPILLWAY SHALL BE ONE CONTINUOUS PIECE OF MATERIAL OR OVERLAPPED 18 IN. (MIN.).

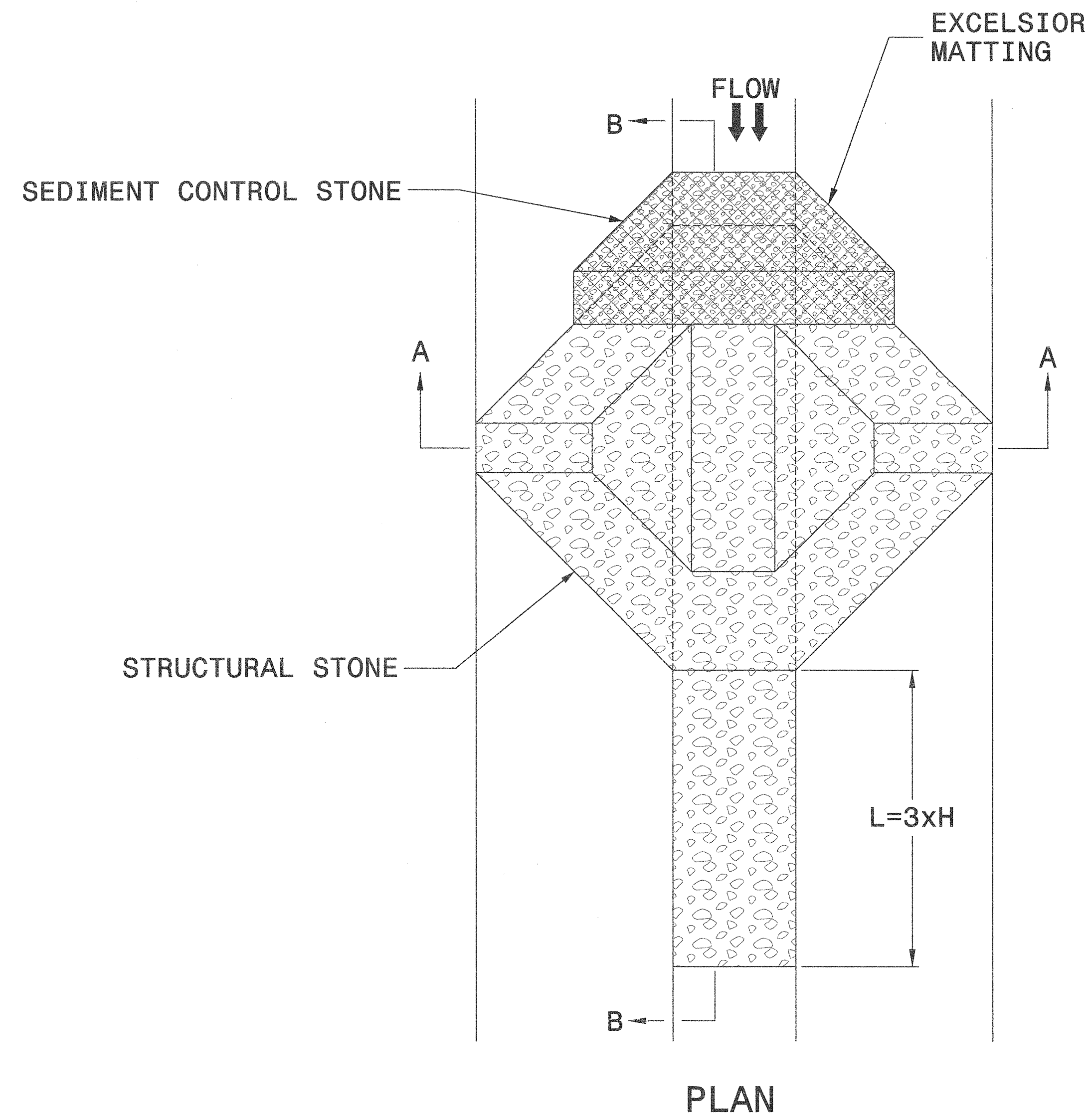
NOT TO SCALE

0503DEL_P21a1

DCN

PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-2C
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

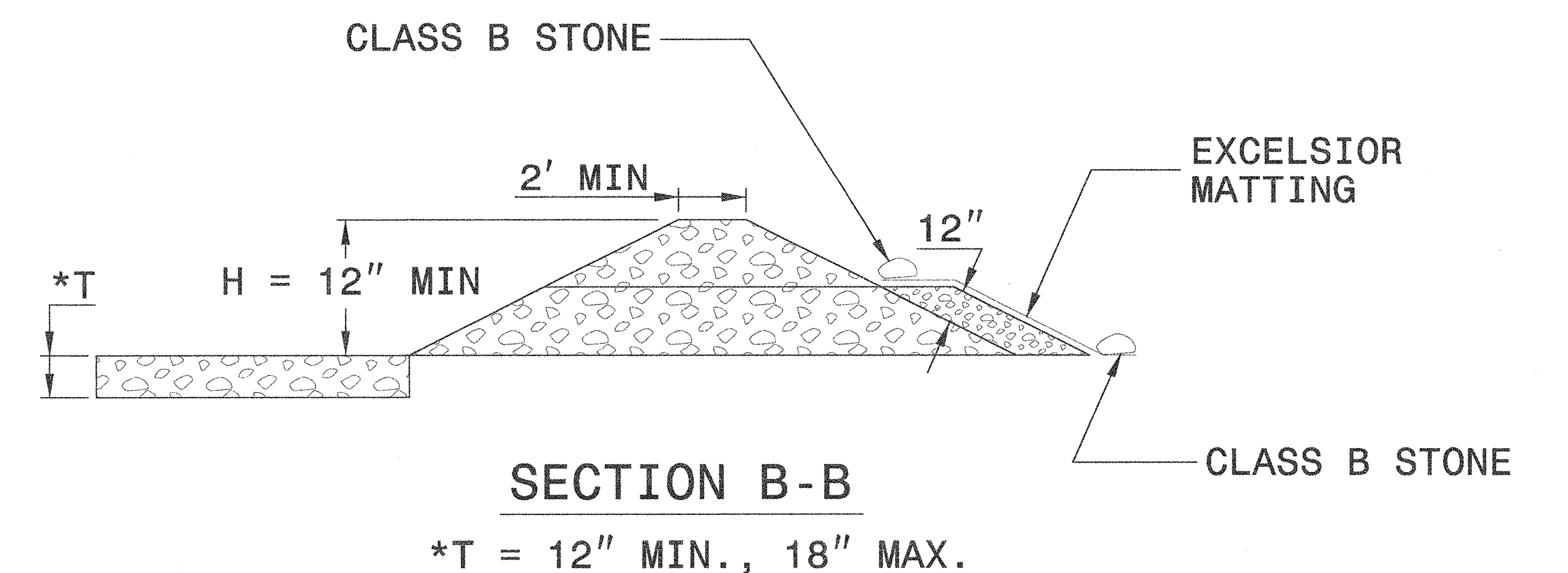
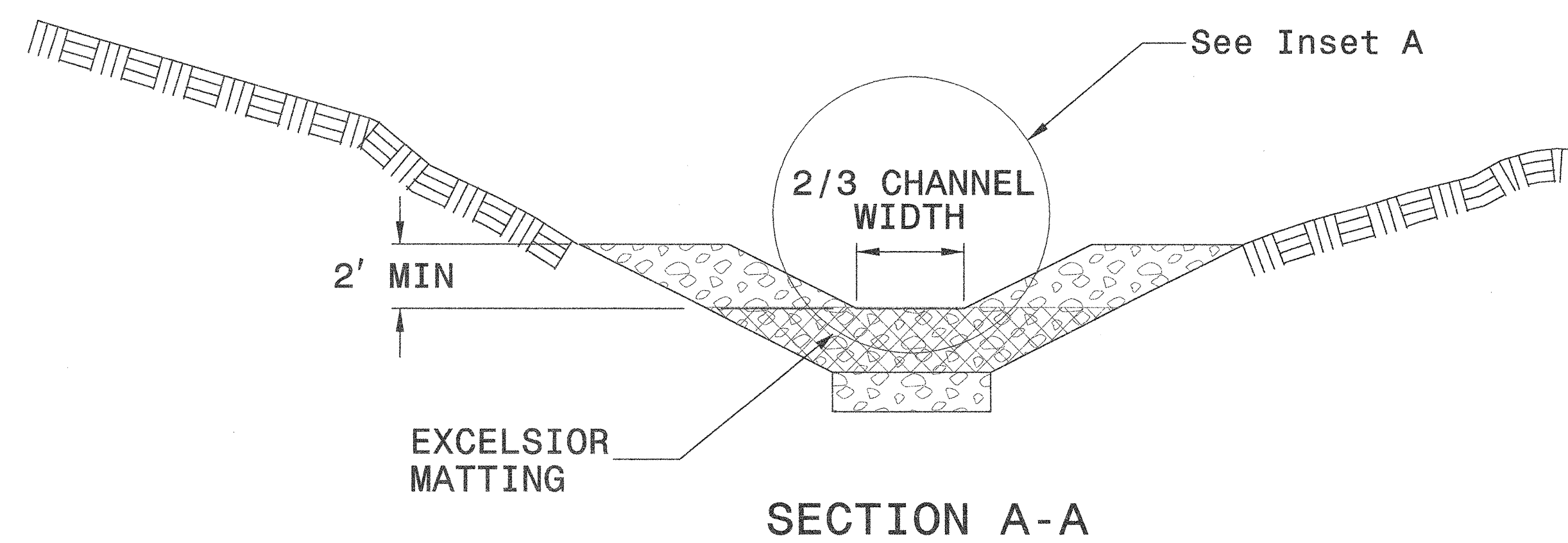
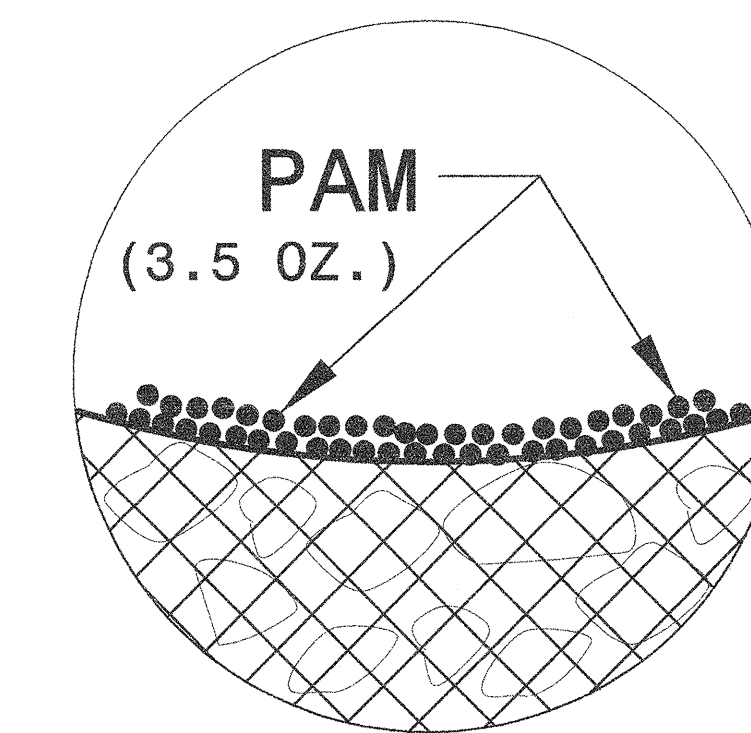


NOTES

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



NOT TO SCALE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO. <i>P-5208E</i>	SHEET NO. <i>EC-3A</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION TIMEFRAMES

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

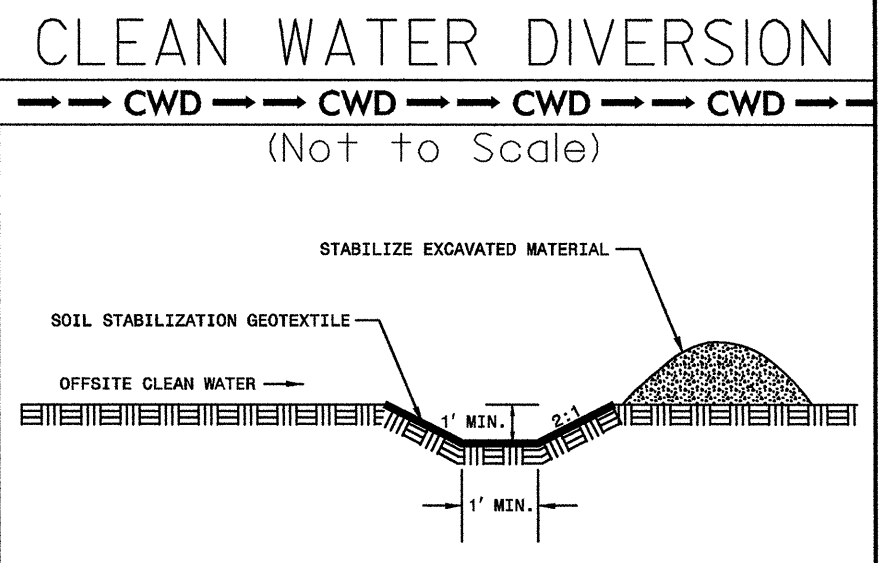
0503DEL_P21a1

DCN

PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-04/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

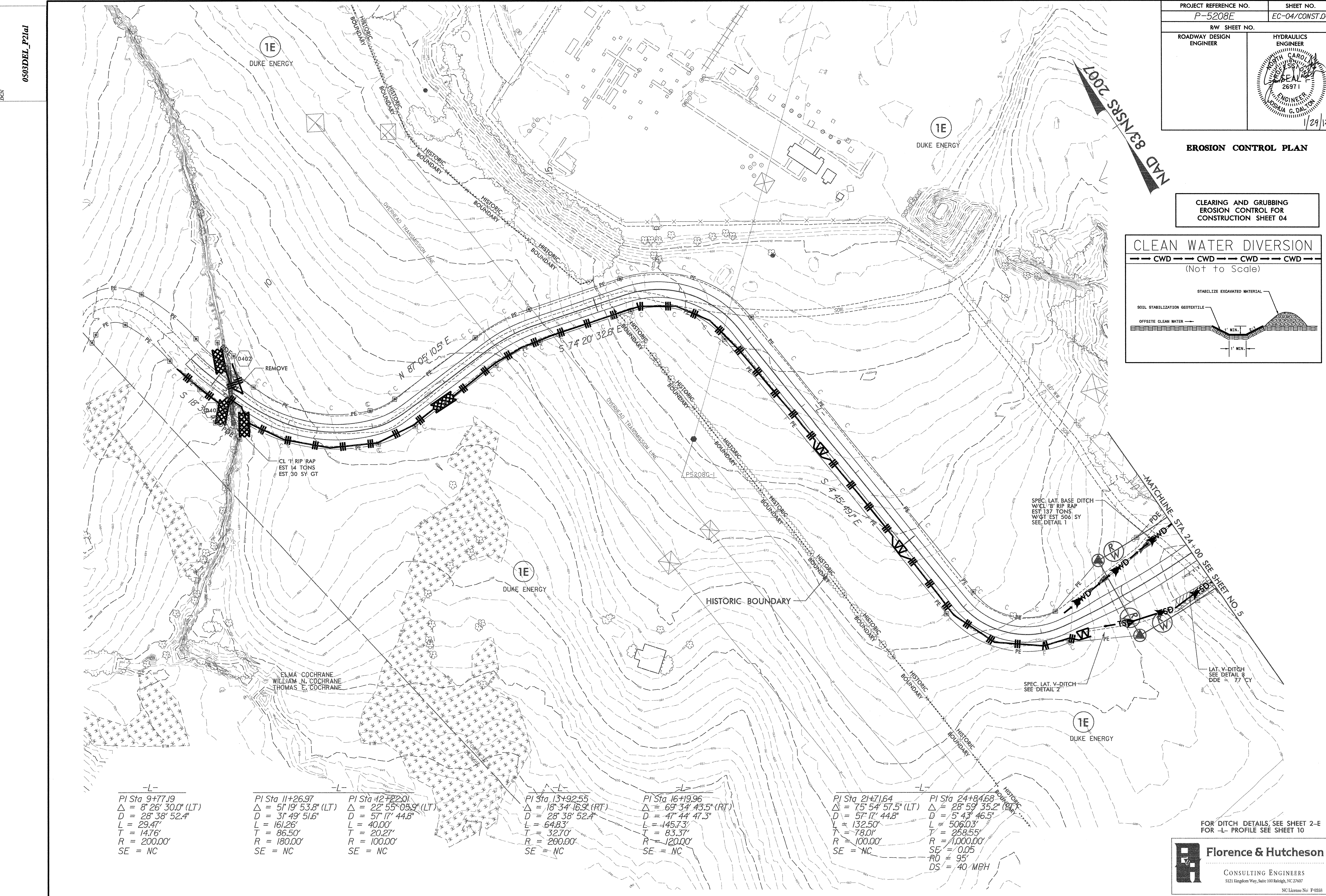
EROSION CONTROL PLAN

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 04



FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 10

Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kingston Way, Suite 100 Raleigh, NC 27607
NC License No. P-0258



-L-
PI Sta 9+77.19
Δ = 8° 26' 30.0" (LT)
D = 28' 38" 52.4"
L = 29.47'
T = 14.76'
R = 200.00'
SE = NC

PI Sta 11+26.97
Δ = 51° 19' 53.8" (LT)
D = 31' 49" 51.6"
L = 161.26'
T = 86.50'
R = 100.00'
SE = NC

PI Sta 12+22.01
Δ = 22° 55' 05.9" (LT)
D = 57' 17" 44.8"
L = 40.00'
T = 20.27'
R = 100.00'
SE = NC

PI Sta 13+92.55
Δ = 18° 34' 16.9" (RT)
D = 28' 38" 52.4"
L = 64.83'
T = 32.70'
R = 120.00'
SE = NC

PI Sta 16+19.96
Δ = 69° 34' 43.5" (RT)
D = 47' 44" 47.3"
L = 145.73'
T = 83.37'
R = 120.00'
SE = NC

PI Sta 21+71.64
Δ = 75° 54' 57.5" (LT)
D = 57' 17" 44.8"
L = 132.50'
T = 78.01'
R = 100.00'
SE = NC

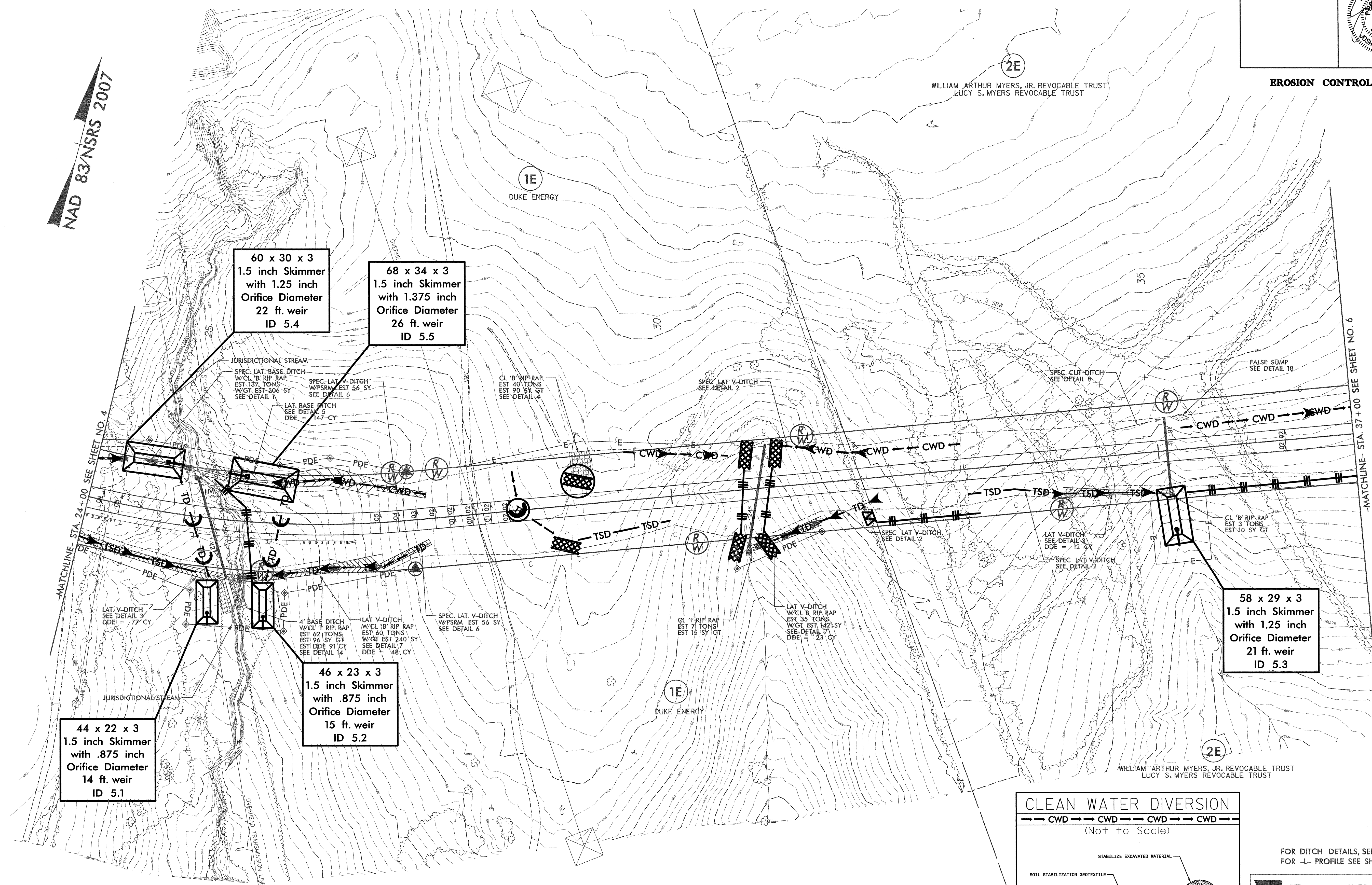
PI Sta 24+84.68
Δ = 28° 59' 35.2" (RT)
D = 5' 43" 46.5"
L = 506.03'
T = 258.55'
R = 1,000.00'
SE = 0.05'
RO = 95'
DS = 40 MPH

0503DEL_P21d1

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 05

EROSION CONTROL PLAN

NAD 83/NSRS 2007



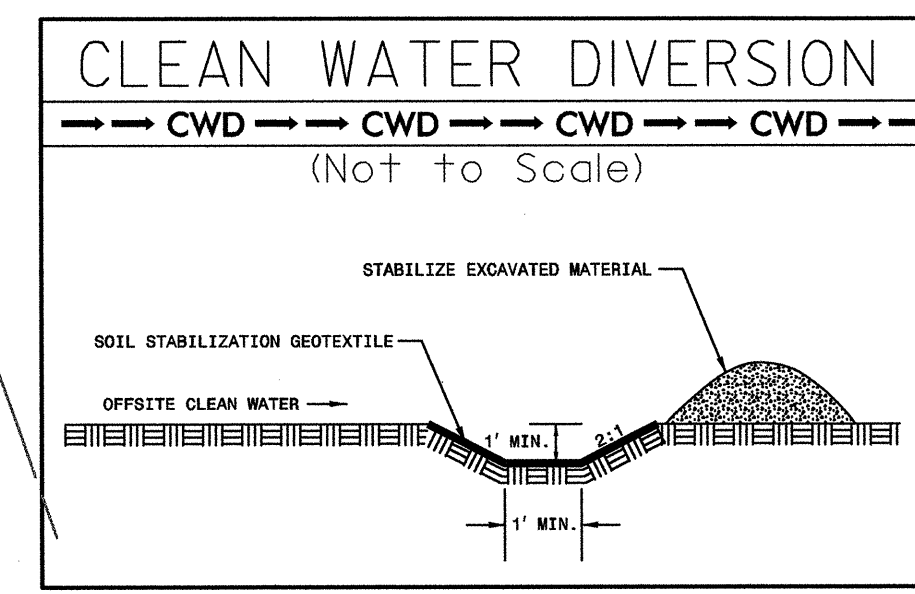
60 x 30 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
22 ft. weir
ID 5.4

68 x 34 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
26 ft. weir
ID 5.5

58 x 29 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
21 ft. weir
ID 5.3

44 x 22 x 3
1.5 inch Skimmer
with .875 inch
Orifice Diameter
14 ft. weir
ID 5.1

46 x 23 x 3
1.5 inch Skimmer
with .875 inch
Orifice Diameter
15 ft. weir
ID 5.2

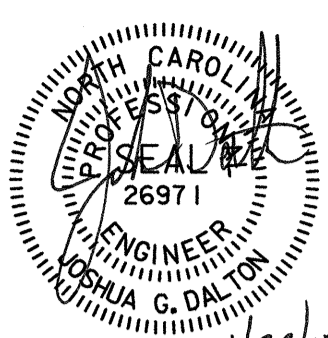


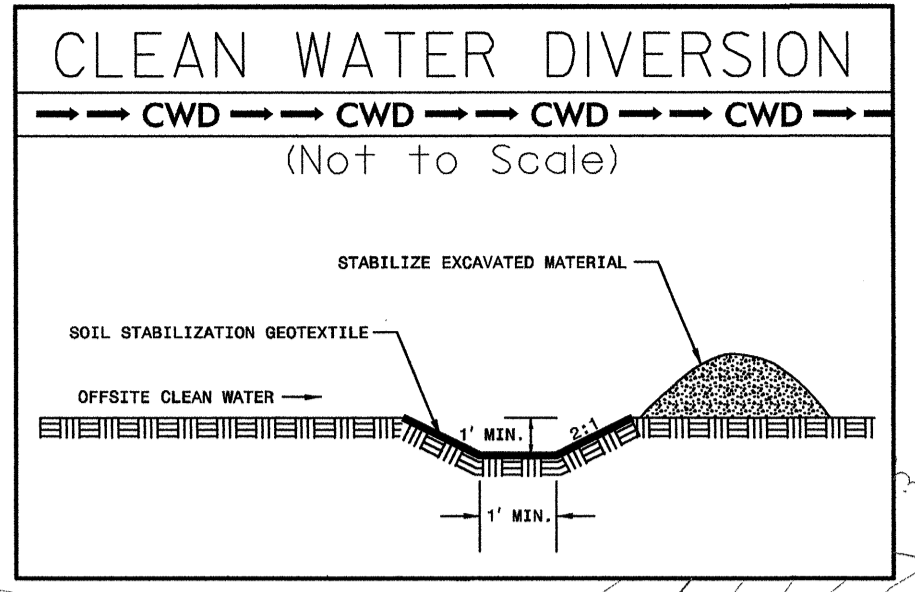
FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 10

0503DEL_P21a1

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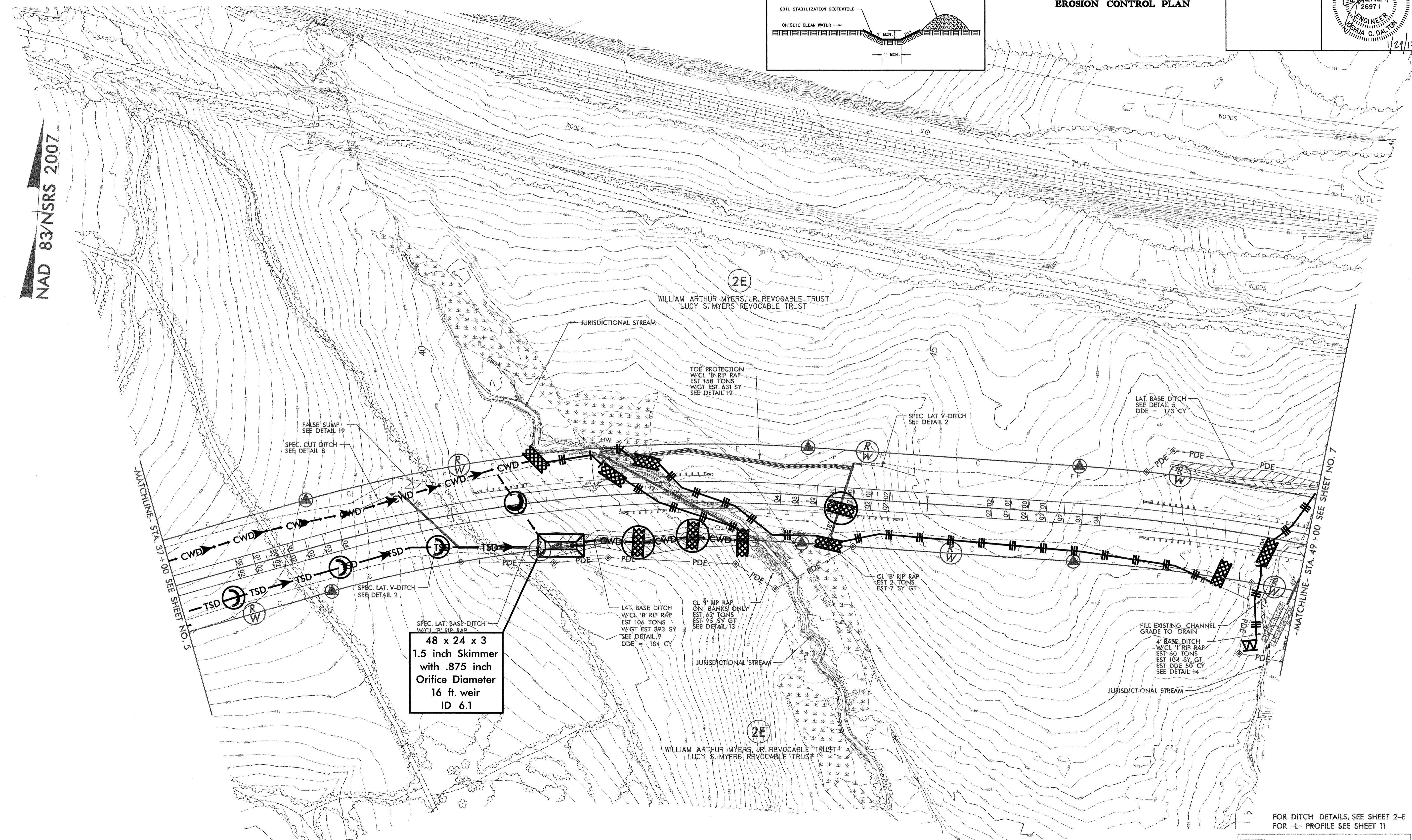
NAD 83/NSRS 2007

PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-06/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 06

EROSION CONTROL PLAN



**48 x 24 x 3
1.5 inch Skimmer
with .875 inch
Orifice Diameter
16 ft. weir
ID 6.1**

FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 11

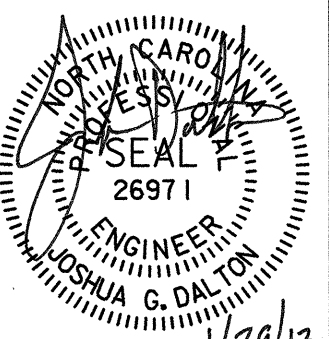
Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kingdom Way, Suite 100 Raleigh, NC 27607
NC License No. P-0258

0503DEL_P21a1

DCN

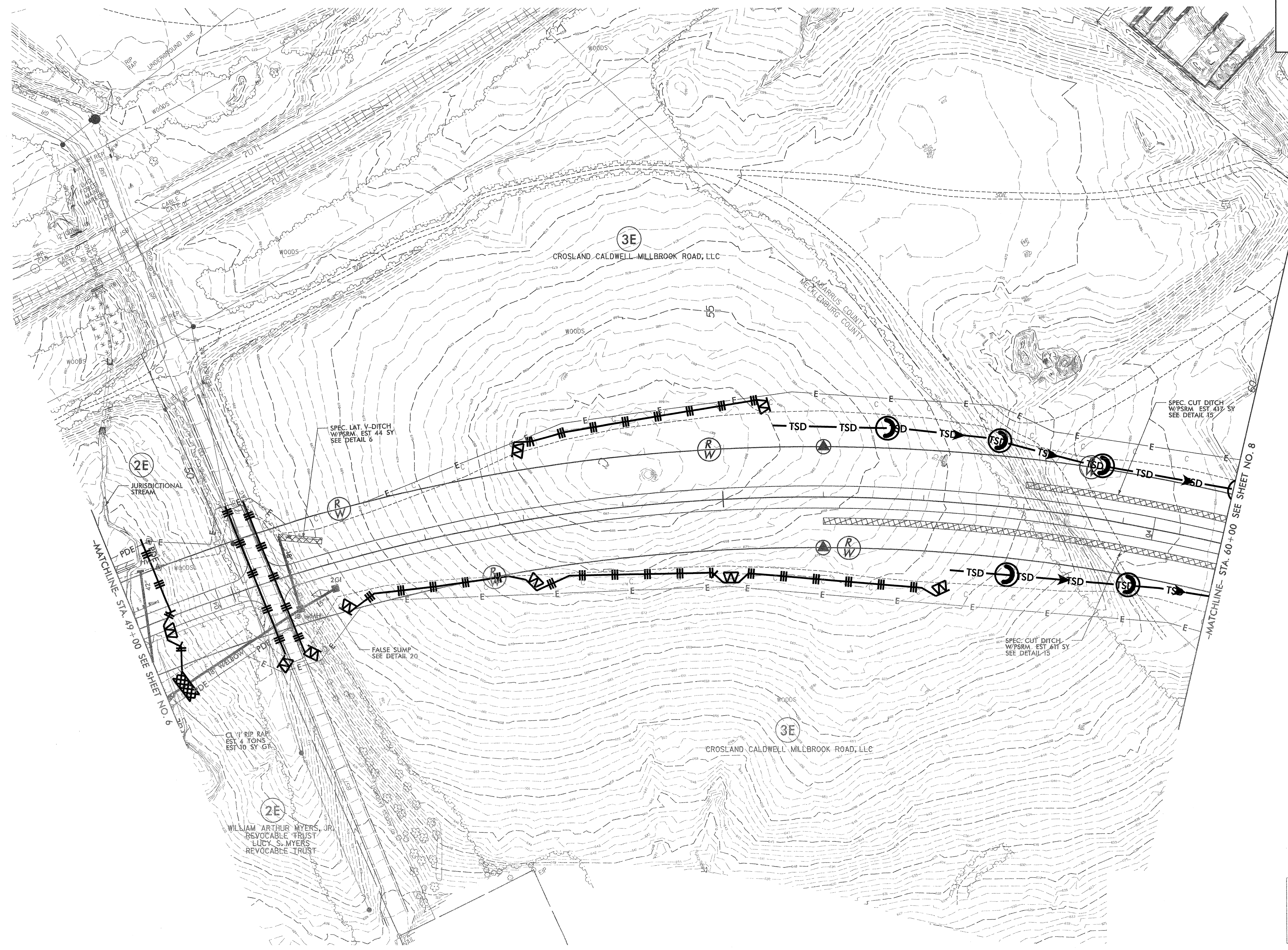
FOR DETAIL OF CROSSING CLOSURE, SEE SHEET NO. 2C

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 07

PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-07/CONST.07
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

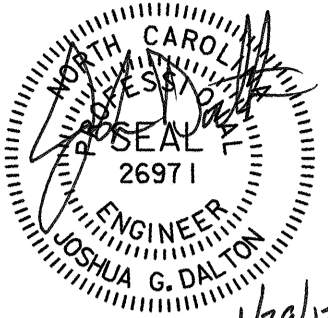
EROSION CONTROL PLAN

NAD 83 NGRS 2007

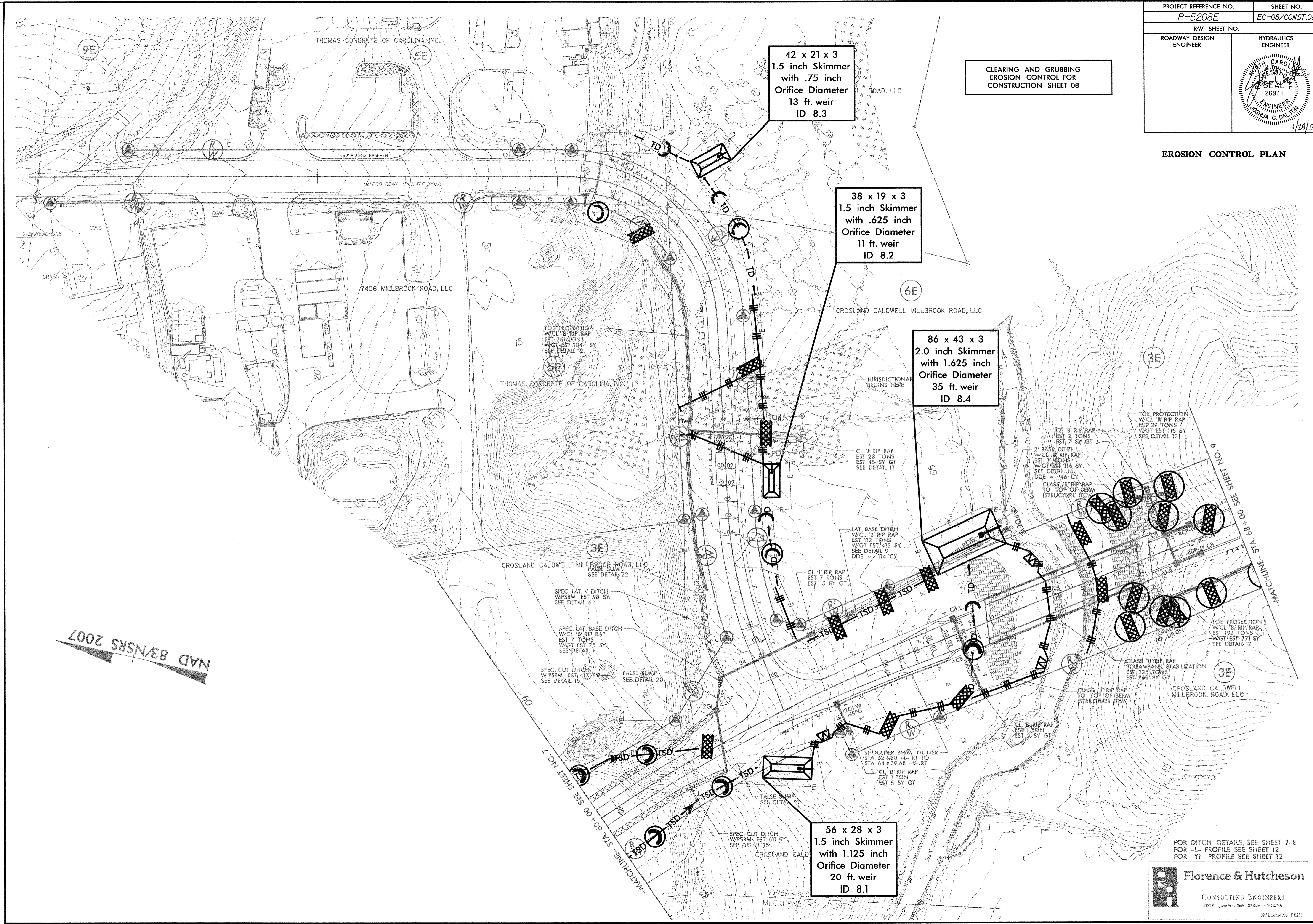


FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 11

Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kingdom Way, Suite 100 Raleigh, NC 27607
NC License No. P10258

PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-08/CONST.08
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	

EROSION CONTROL PLAN



42 x 21 x 3
1.5 inch Skimmer
with .75 inch
Orifice Diameter
13 ft. weir
ID 8.3

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 08

38 x 19 x 3
1.5 inch Skimmer
with .625 inch
Orifice Diameter
11 ft. weir
ID 8.2

86 x 43 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
35 ft. weir
ID 8.4

56 x 28 x 3
1.5 inch Skimmer
with 1.125 inch
Orifice Diameter
20 ft. weir
ID 8.1

NAD 83/NSRS 2007

FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 12
FOR -YI- PROFILE SEE SHEET 12

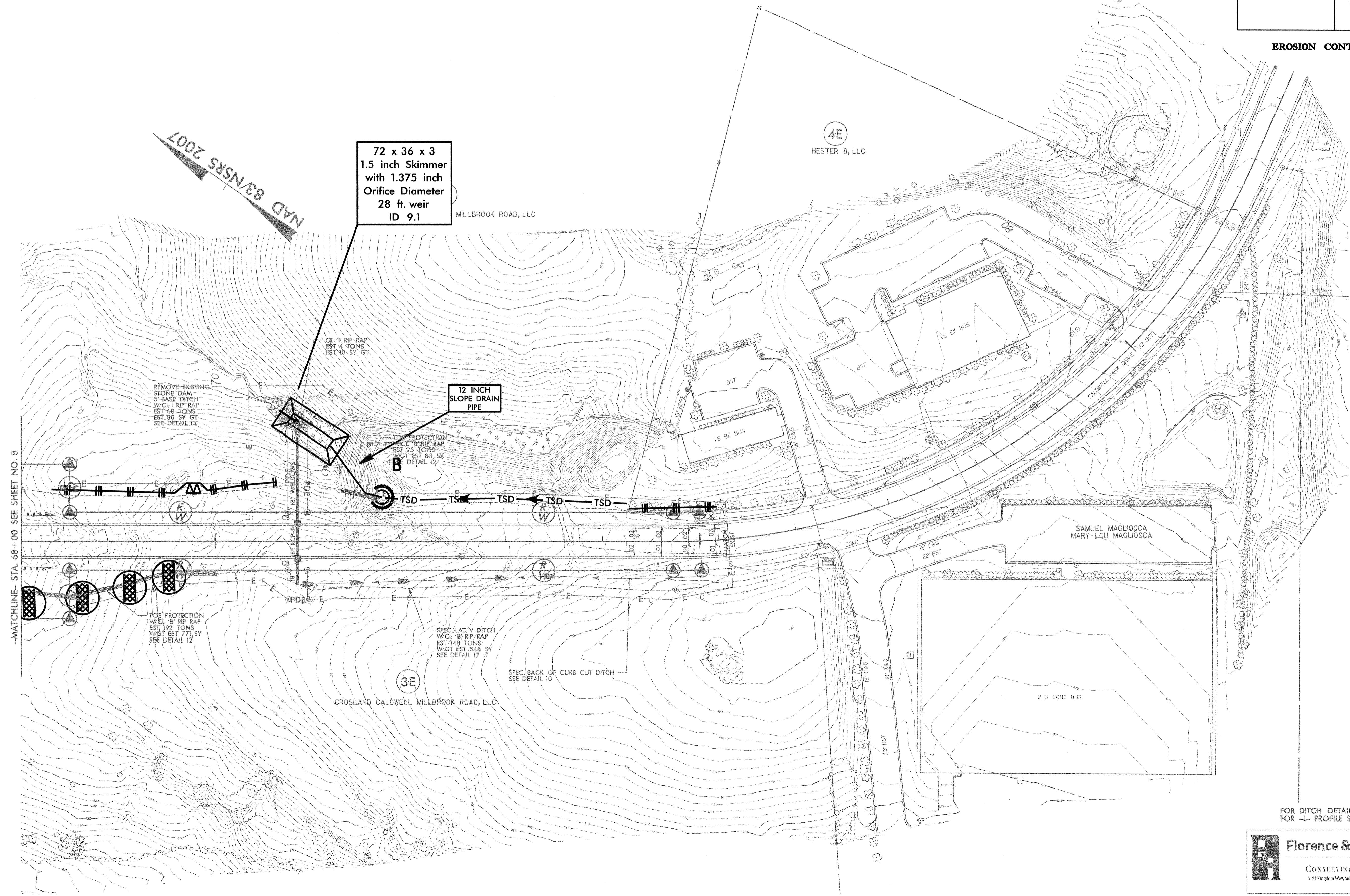
Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kingdom Way, Suite 100 Raleigh, NC 27607
NC License No. P02558

0503DEL_P21a1

PROJECT REFERENCE NO. P-5208E		SHEET NO. EC-09/CONST.09	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 09

EROSION CONTROL PLAN



-MATCHLINE- STA. 68+00 SEE SHEET NO. 8

FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 12

Florence & Hutcheson
CONSULTING ENGINEERS
5121 Klugheim Way, Suite 100 Raleigh, NC 27607
NC License No. P-0258

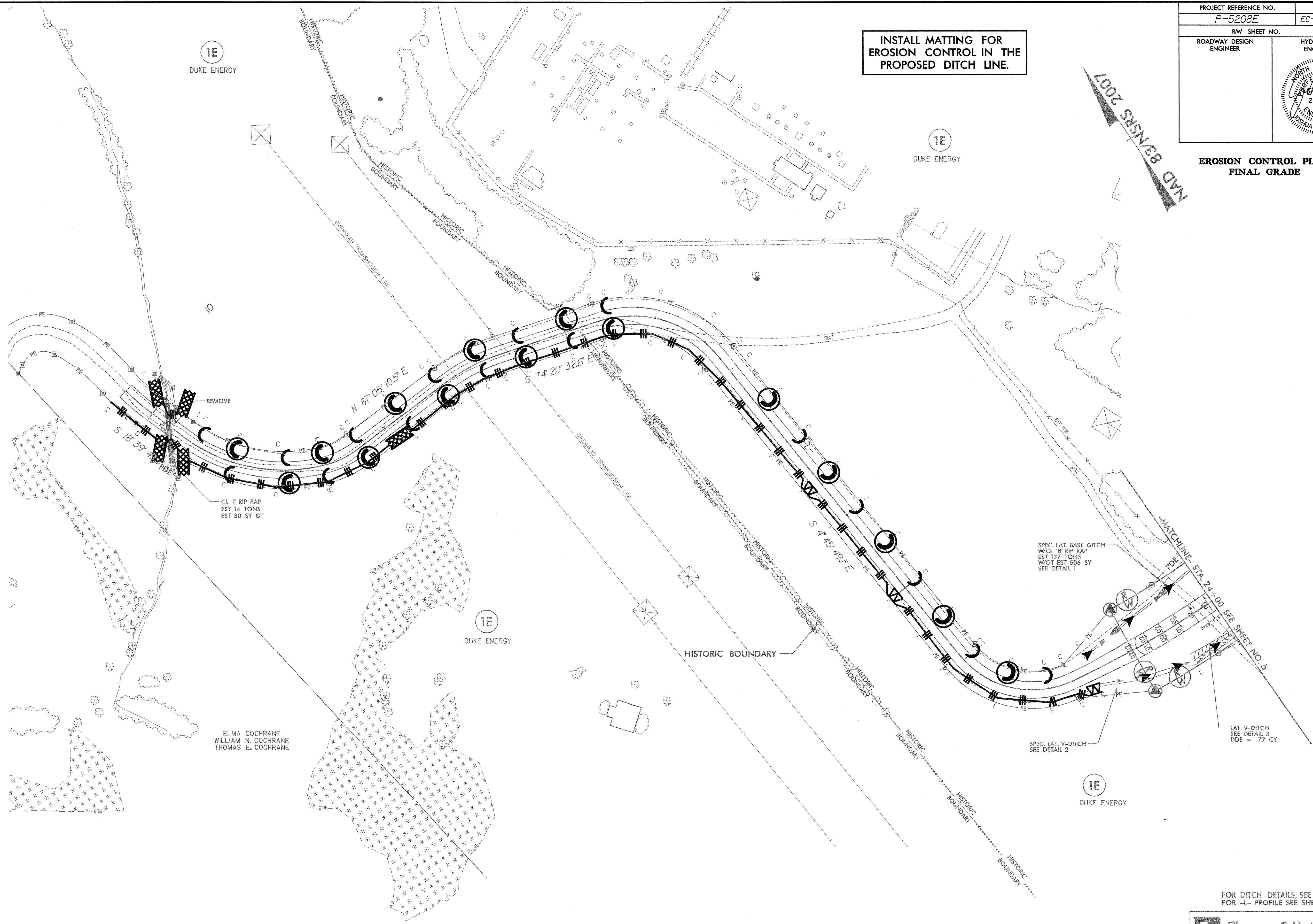
0503DEL_P21a1

PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-10/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

NAD 83/NSRS 2007

EROSION CONTROL PLAN
FINAL GRADE



ELMA COCHRANE
WILLIAM N. COCHRANE
THOMAS E. COCHRANE

FOR DITCH DETAILS SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 10

Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kipling Way, Suite 100 Raleigh, NC 27607
NC License No. P-10528

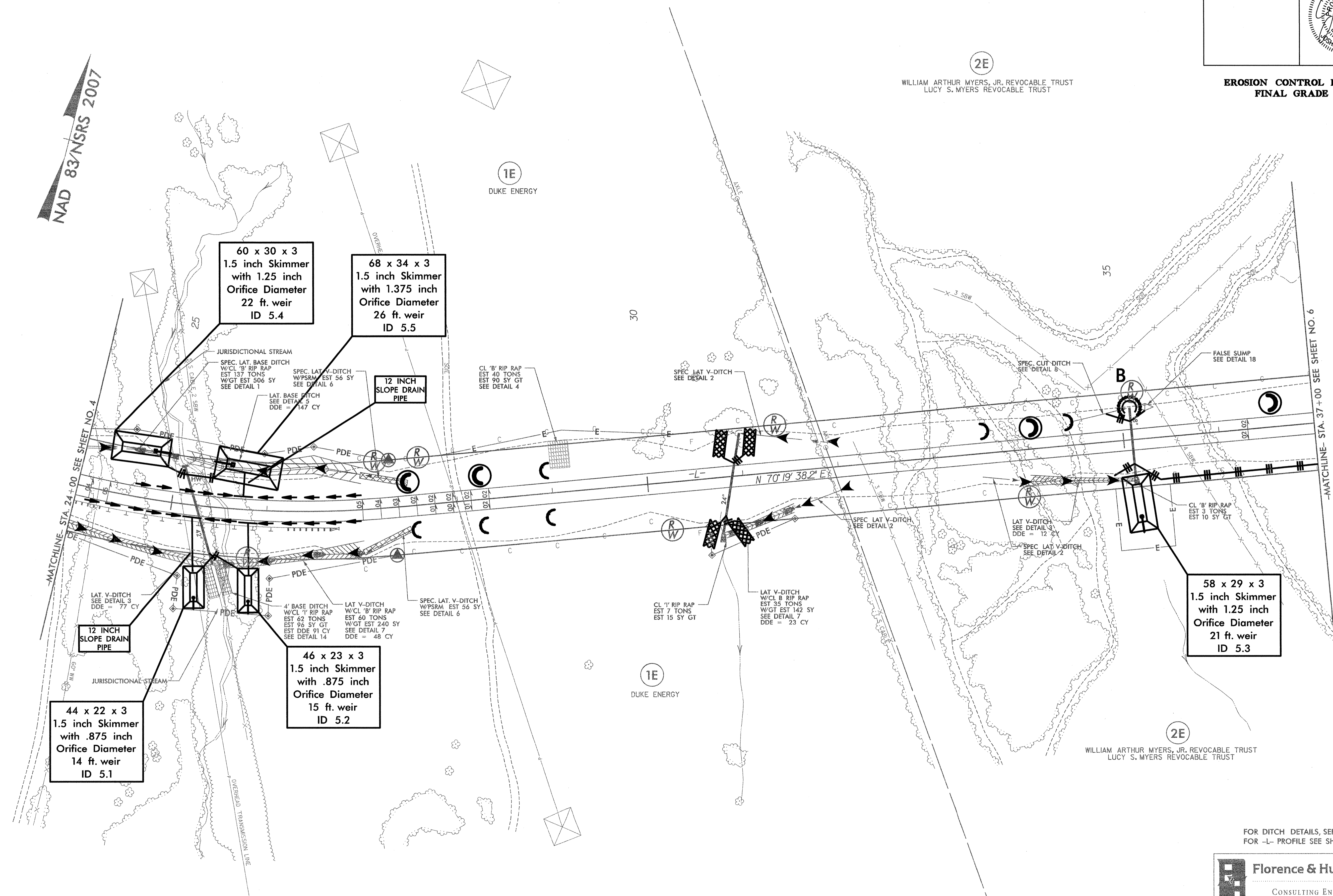
0503DEL_P21d

PROJECT REFERENCE NO. P-5208E	SHEET NO. EC-11/CONST.05
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

NAD 83/NSRS 2007

EROSION CONTROL PLAN FINAL GRADE



2E
WILLIAM ARTHUR MYERS, JR. REVOCABLE TRUST
LUCY S. MYERS REVOCABLE TRUST

2E
WILLIAM ARTHUR MYERS, JR. REVOCABLE TRUST
LUCY S. MYERS REVOCABLE TRUST

FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 10

Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kingdom Way, Suite 100 Raleigh, NC 27607
NC License No. P-0288

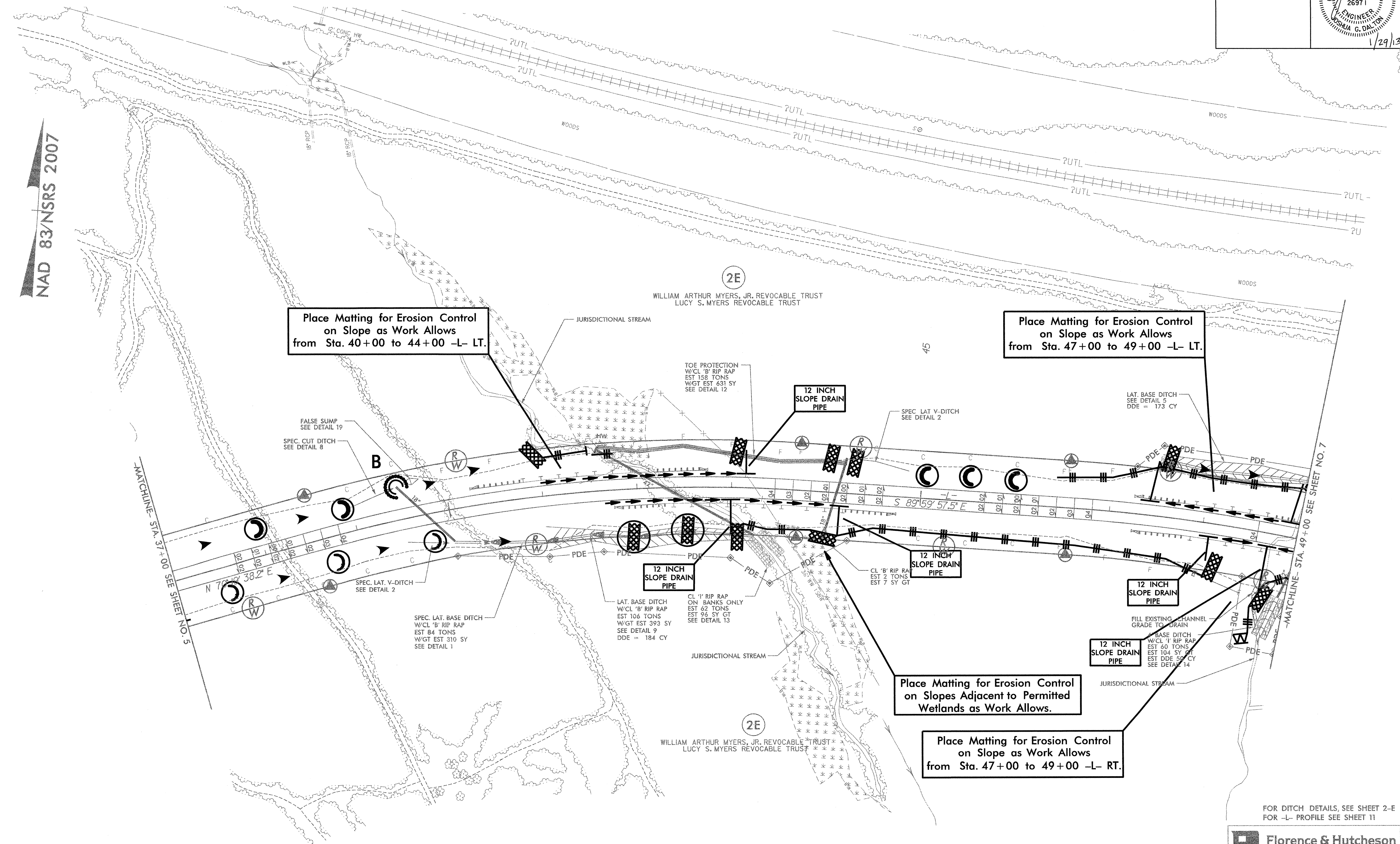
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PROJECT REFERENCE NO.	SHEET NO.
P-5208E	EC-12/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

EROSION CONTROL PLAN
FINAL GRADE

NAD 83/NSRS 2007



Place Matting for Erosion Control on Slope as Work Allows from Sta. 40+00 to 44+00 -L- LT.

Place Matting for Erosion Control on Slope as Work Allows from Sta. 47+00 to 49+00 -L- LT.

Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.

Place Matting for Erosion Control on Slope as Work Allows from Sta. 47+00 to 49+00 -L- RT.

FOR DITCH DETAILS, SEE SHEET 2-E FOR -L- PROFILE SEE SHEET 11

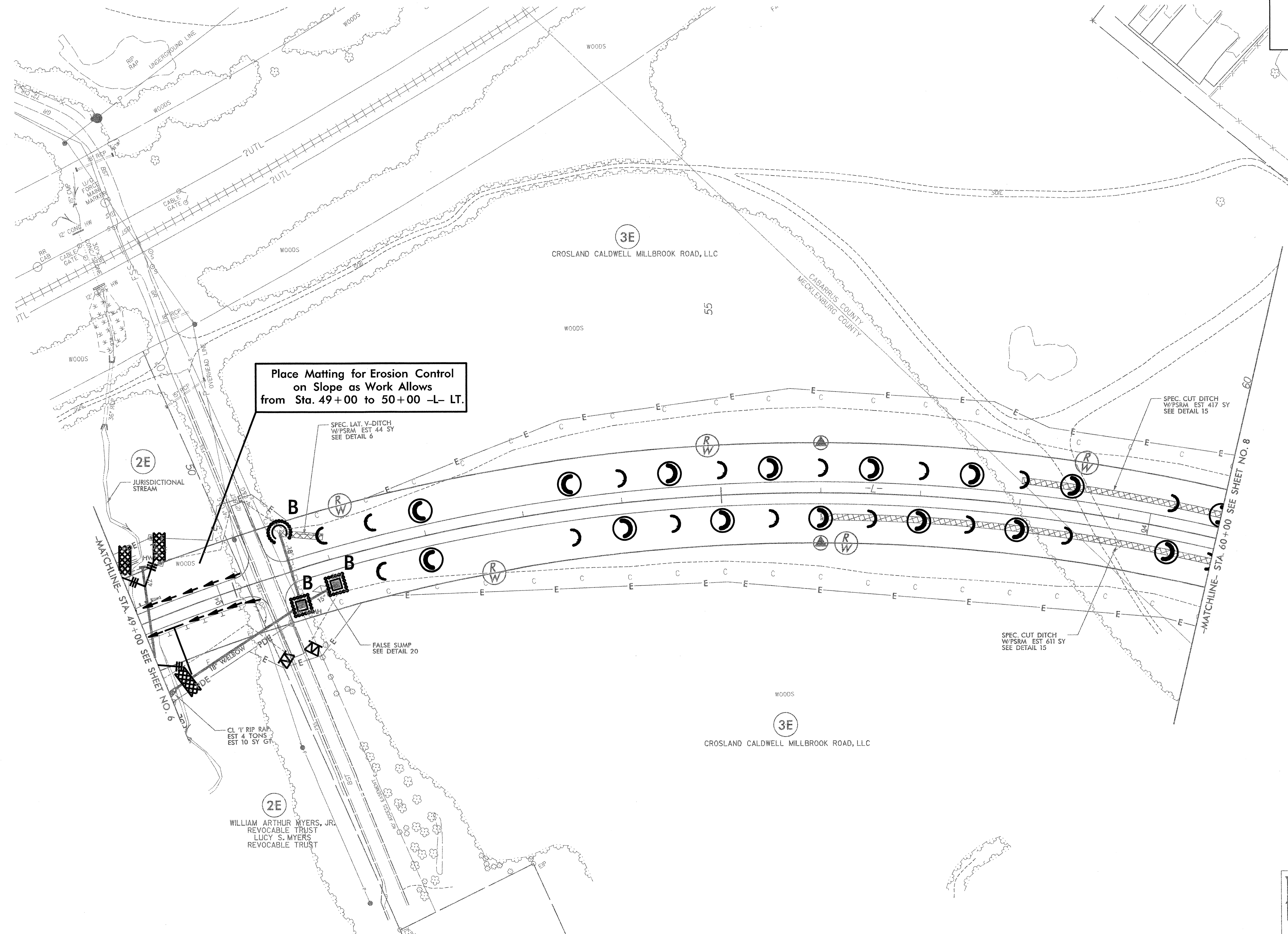
Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kingston Way, Suite 100 Raleigh, NC 27607
NC License No. P-0255

0503DEL_P21a1

PROJECT REFERENCE NO. P-5208E		SHEET NO. EC-13/CONST.07	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

Place Matting for Erosion Control on Slope as Work Allows from Sta. 49+00 to 50+00 -L- LT.

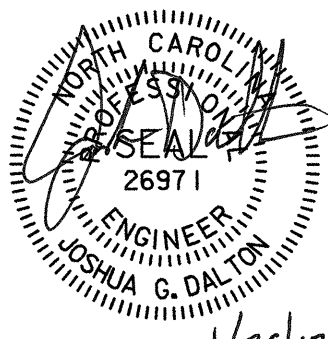


EROSION CONTROL PLAN
FINAL GRADE

MAD 8/25/8 2007

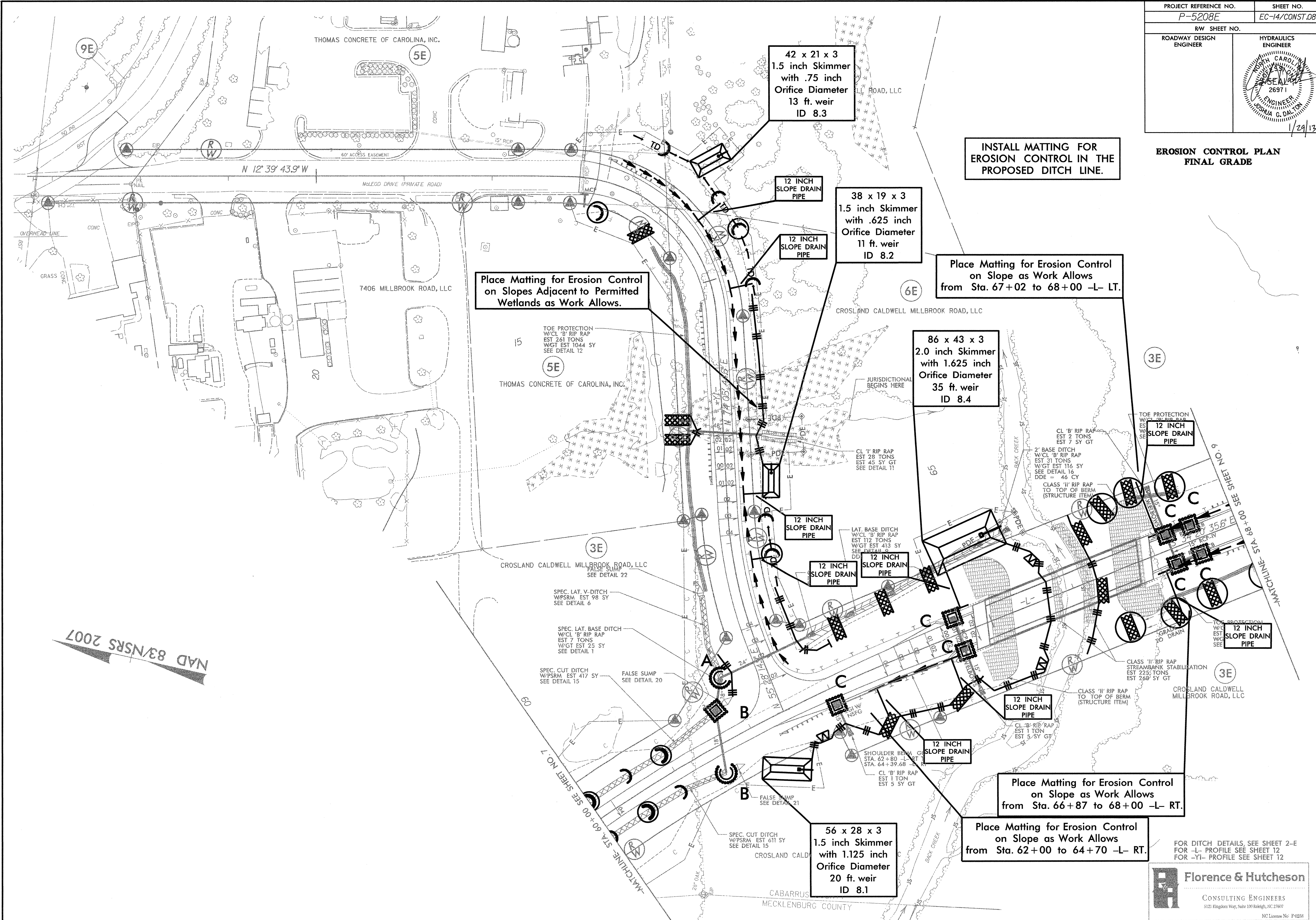
FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 11

Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kingsland Way, Suite 100 Raleigh, NC 27607
NC License No. F-10265

PROJECT REFERENCE NO. P-5208E		SHEET NO. EC-14/CONST.08	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			

**EROSION CONTROL PLAN
FINAL GRADE**

1/29/13



INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE.

Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.

Place Matting for Erosion Control on Slope as Work Allows from Sta. 67+02 to 68+00 -L- LT.

86 x 43 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
35 ft. weir
ID 8.4

Place Matting for Erosion Control on Slope as Work Allows from Sta. 66+87 to 68+00 -L- RT.

Place Matting for Erosion Control on Slope as Work Allows from Sta. 62+00 to 64+70 -L- RT.

FOR DITCH DETAILS, SEE SHEET 2-E
FOR -L- PROFILE SEE SHEET 12
FOR -RT- PROFILE SEE SHEET 12

0503DEL_P21a1

