

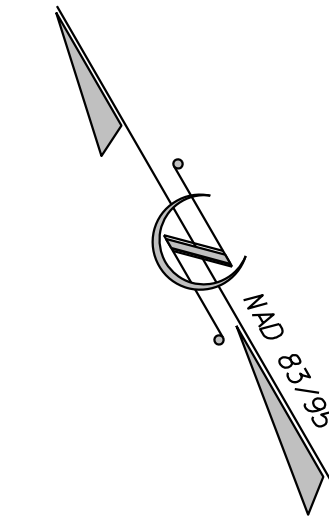
TIP PROJECT: R-2707E

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 PLAN FOR PROPOSED
 HIGHWAY EROSION CONTROL
CLEVELAND COUNTY

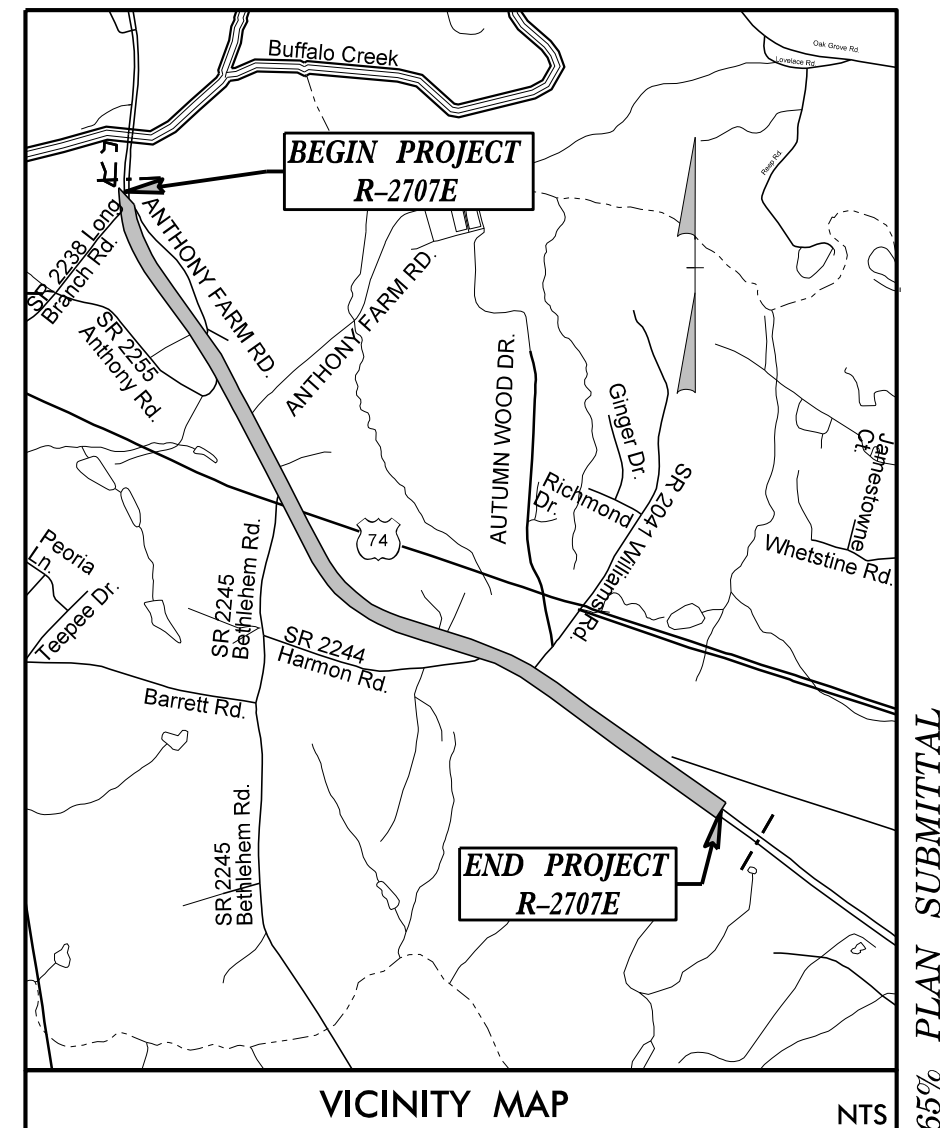
LOCATION: US 74 FROM EXISTING US 74 WEST OF SR 2238
 (LONG BRANCH RD) TO WEST OF SR 1001 (STONEY POINT RD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURE, & SIGNING

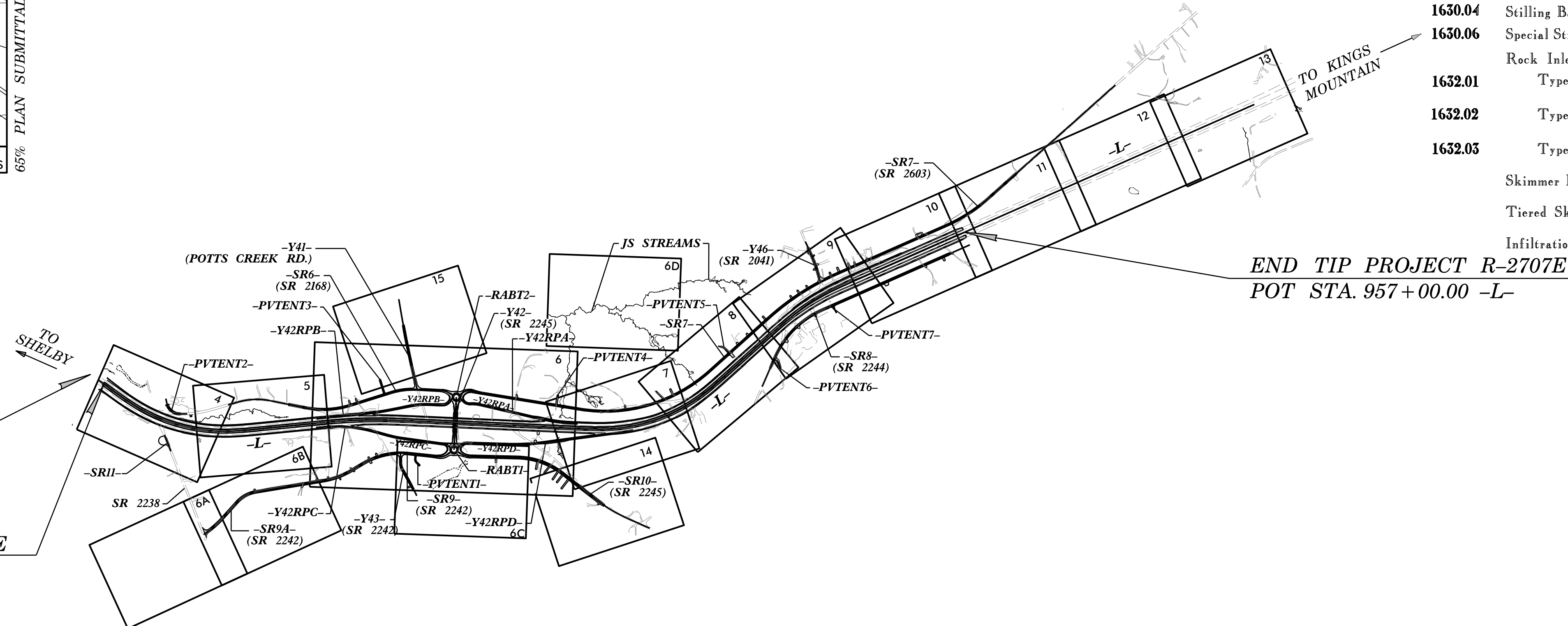
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2707E	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
34497.1.FS7	NHS-0074(165)	P.E.	
34497.2.15	N/A	RW & UTIL.	
34497.3.13	N/A	CONST.	



See Sheet 1A For Index of Sheets
 See Sheet 1B For Conventional Symbols



65% PLAN SUBMITTAL



BEGIN CONSTRUCTION
 POT STA. 849+12.00 -L-

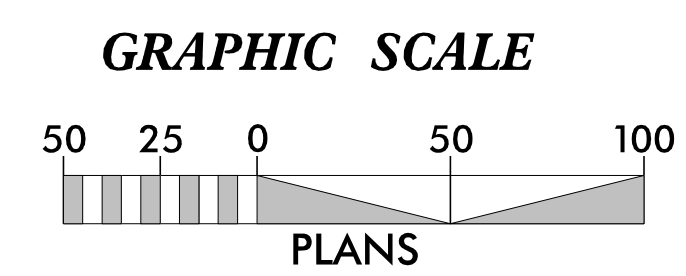
END TIP PROJECT R-2707D
 BEGIN TIP PROJECT R-2707E
 POT STA. 851+00.00 -L-

END TIP PROJECT R-2707E
 POT STA. 957+00.00 -L-

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	no
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
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	W
	Wattle/Coir Fiber Wattle with Polyacrylamide (PAM)	W
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	▨
1635.02	Rock Pipe Inlet Sediment Trap Type-B	▨
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	▨

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



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE APPLICABLE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE APRIL 1, 2019 AND ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER RESOURCES.

Prepared in the Office of:
SUNGATE DESIGN GROUP, P.A.
 905 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL (919) 859-2243
 ENG FIRM LICENSE NO. C-890

Designed by:
MATTHEW C. EDWARDS, PE 3992
BRIAN N. ELAM, PE 3195
 NAME LEVEL III CERTIFICATION NO.

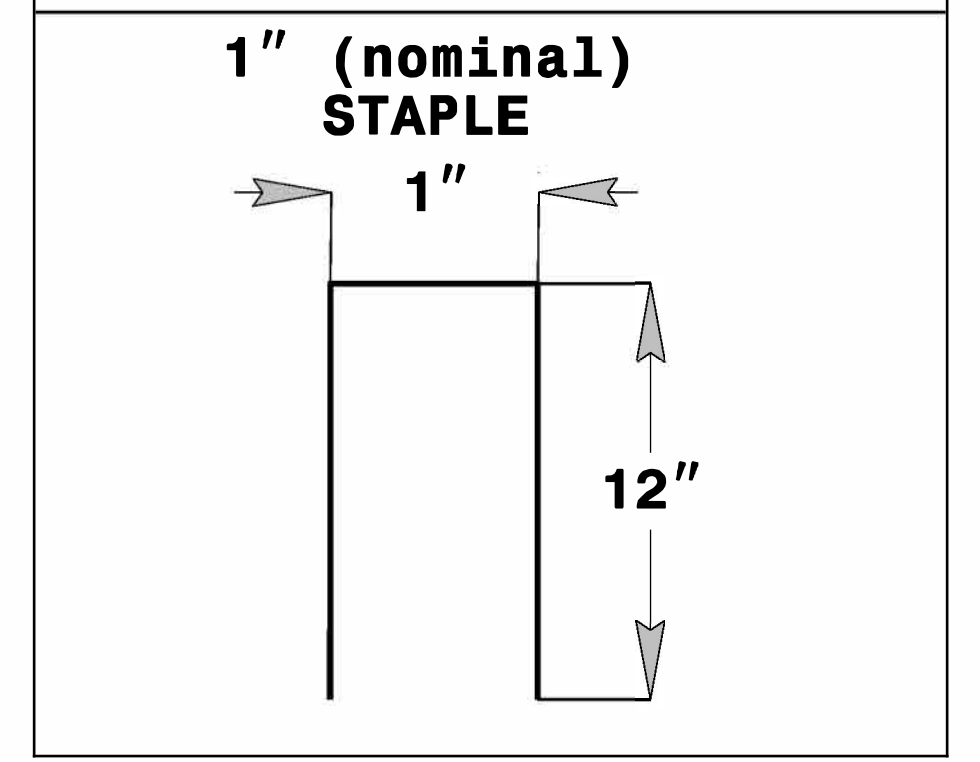
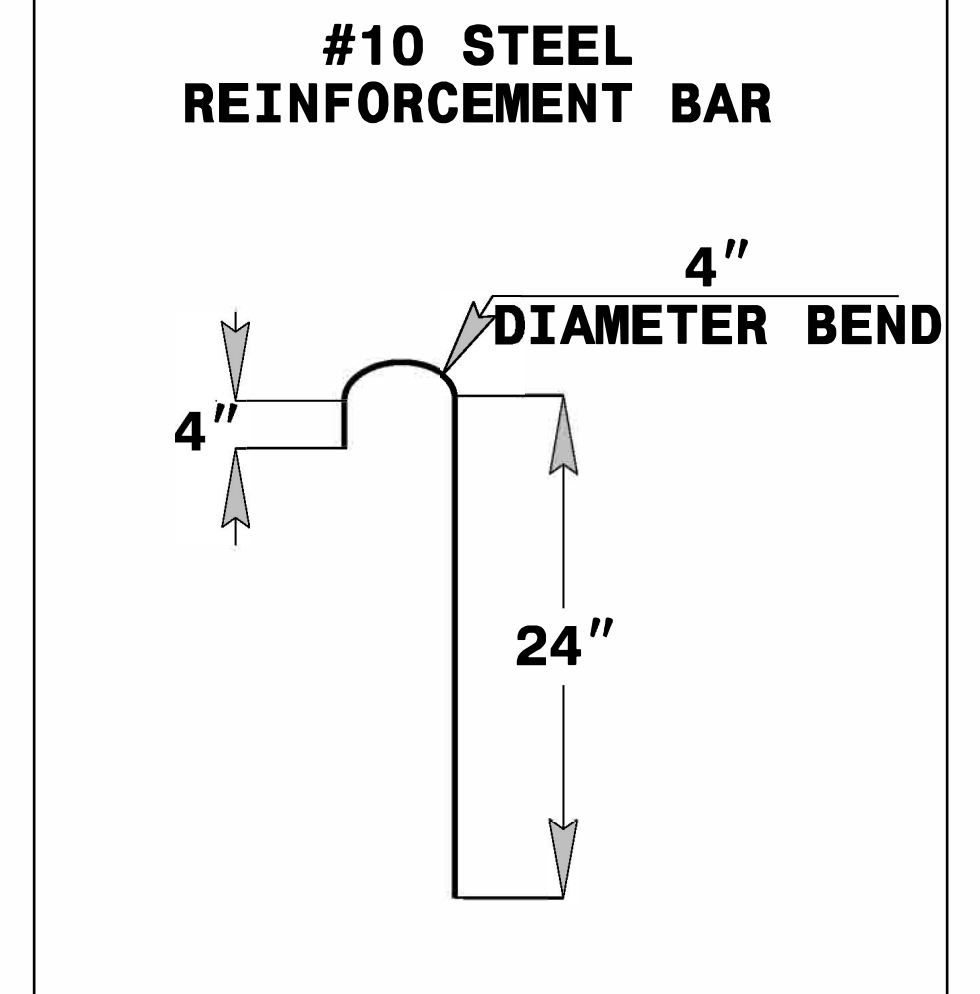
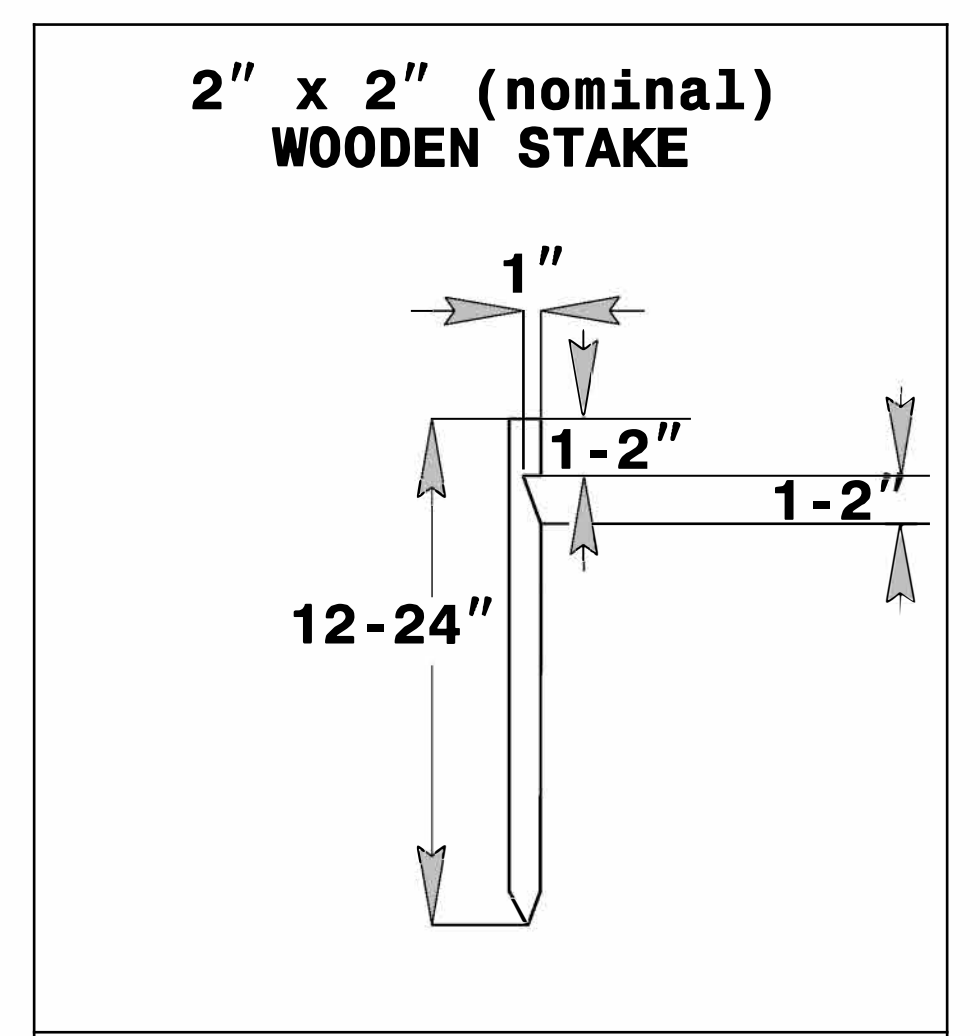
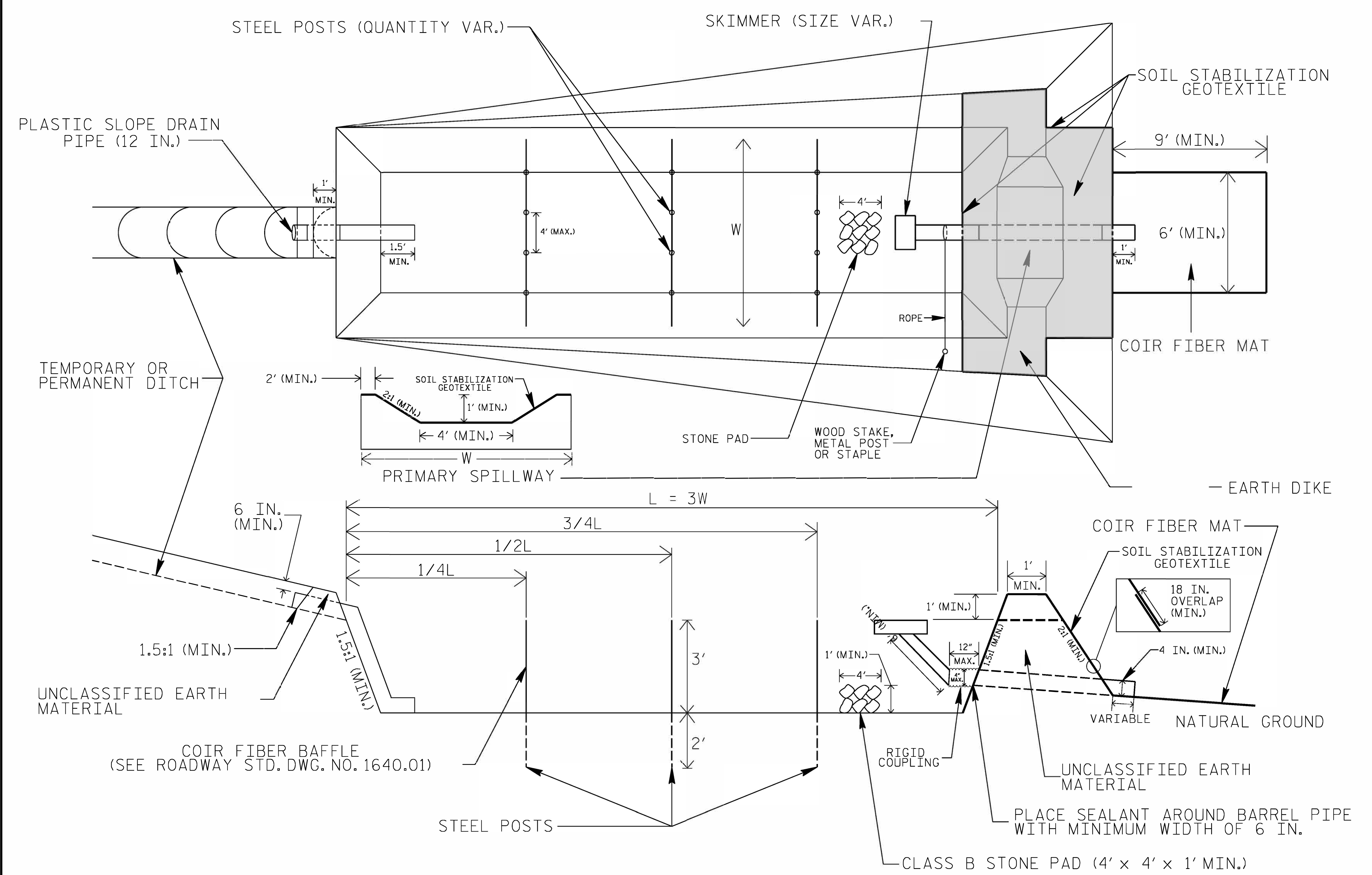
Roadway Standard Drawings

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 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	

PROJECT REFERENCE NO. R-2707E	SHEET NO. EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SKIMMER BASIN WITH BAFFLES DETAIL



COIR FIBER MAT ANCHOR OPTIONS

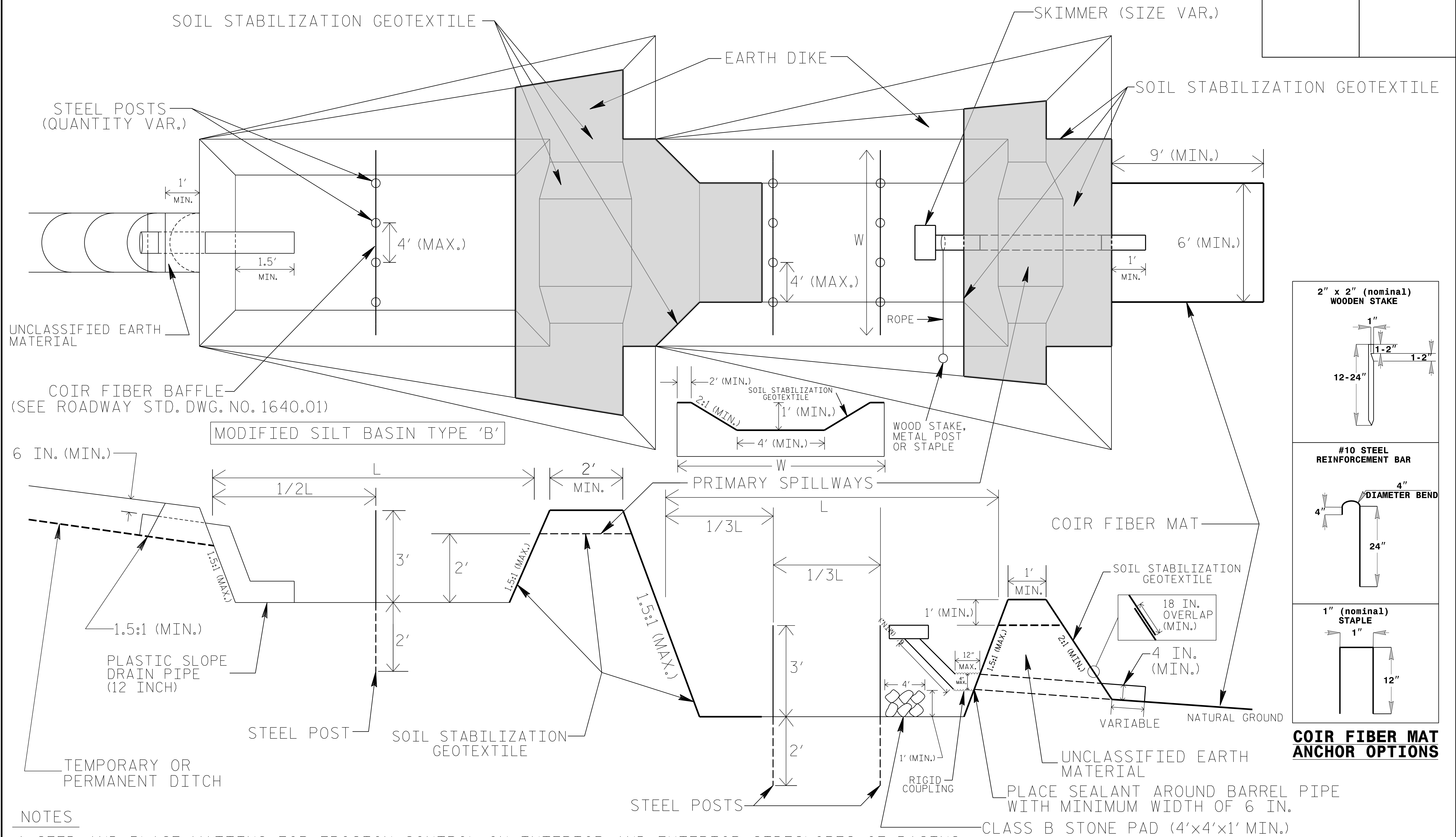
NOTES

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 PRIMARY SPILLWAY WEIR 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 OR TARP AS DIRECTED.
6. SOIL STABILIZATION GEOTEXTILE FOR PRIMARY SPILLWAY SHALL BE ONE CONTINUOUS PIECE OF MATERIAL OR OVERLAPPED 18 IN. (MIN.).

NOT TO SCALE

TIERED SKIMMER BASIN DETAIL

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-2A</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



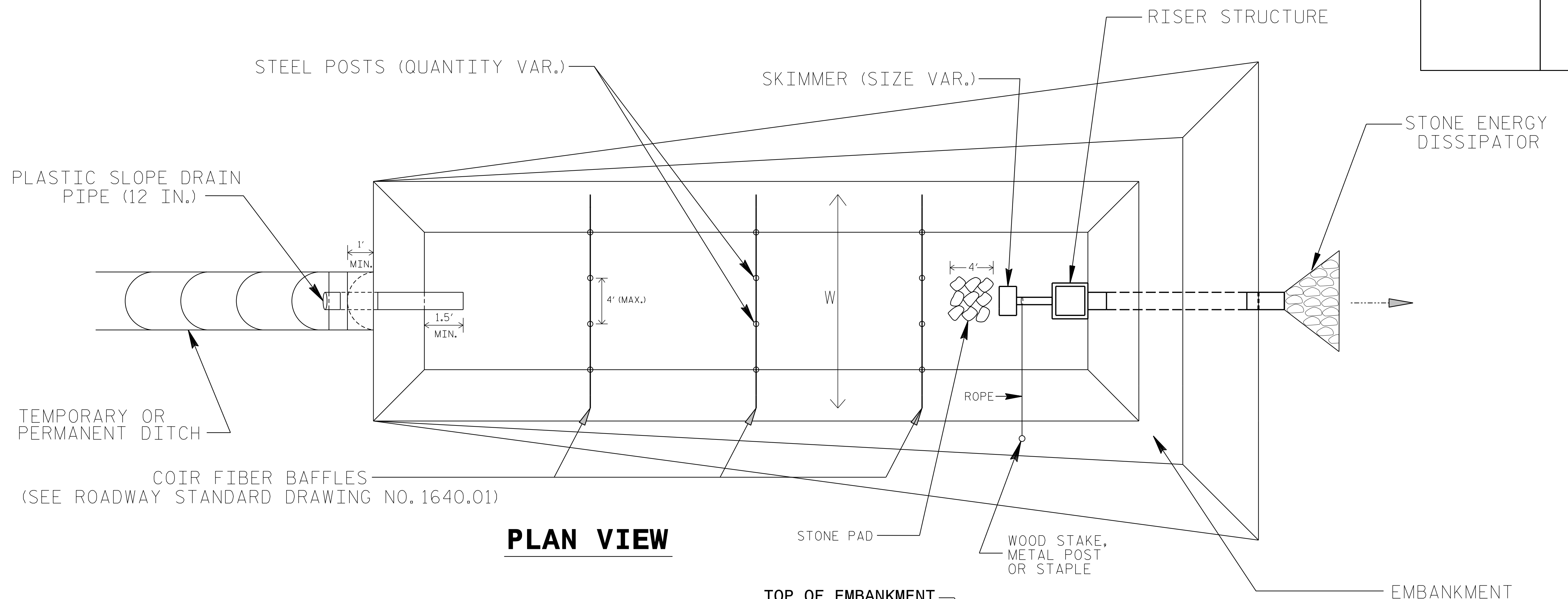
NOTES

1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES OF BASINS.
2. LIMIT HEIGHT OF EARTH DIKES TO 5 FT.
3. ADDITIONAL MODIFIED SILT BASINS TYPE 'B' MAY BE NEEDED DEPENDING ON SLOPE.
4. FOR BASIN DEPTHS OF 3FT., THE MINIMUM BASIN WIDTHS SHALL BE 9 FT.
5. DETERMINE PRIMARY SPILLWAY WEIR LENGTHS (FT.) USING $Q/0.8$, WHERE Q IS FLOW RATE (CFS) INTO UPPER BASIN.
6. SOIL STABILIZATION GEOTEXTILE FOR PRIMARY SPILLWAYS SHALL BE ONE CONTINUOUS PIECE OF MATERIAL OR OVERLAPPED 18 IN. (MIN.).

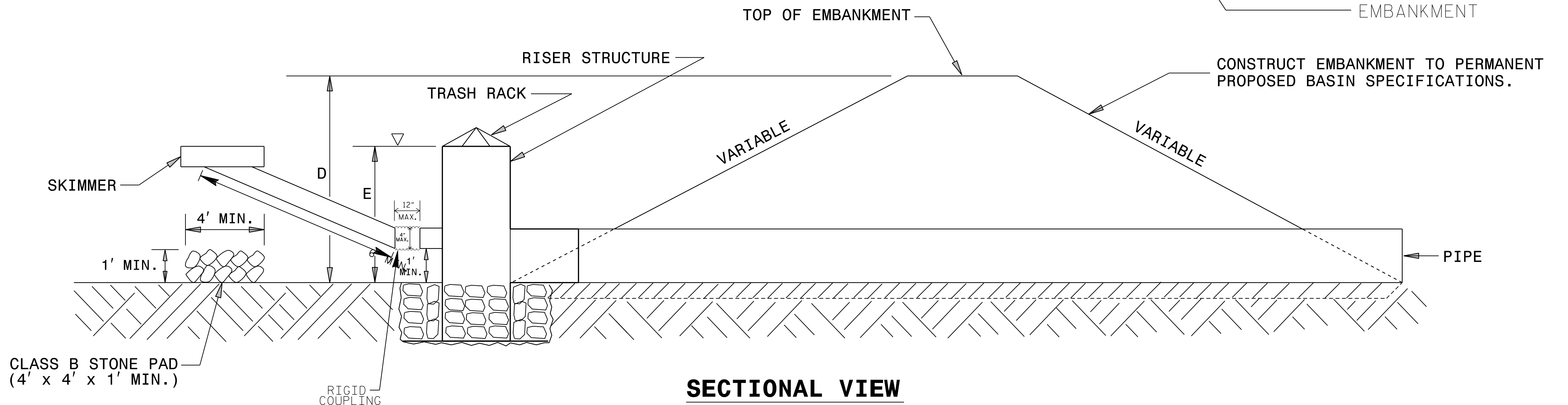
NOT TO SCALE

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-2B</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

STORMWATER BASIN WITH SKIMMER



PLAN VIEW



SECTIONAL VIEW

NOTES

1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES.
2. INSTALL A MINIMUM OF 3 COIR FIBER BAFFLES IN ACCORDANCE WITH ROADWAY STD. DRAWING 1640.01.
3. INSTALL SKIMMER AND COUPLING TO RISER STRUCTURE OR DIRECTLY INTO EMBANKMENT 1 FT. FROM BOTTOM OF BASIN.
4. THE ARM PIPE SHALL HAVE A MINIMUM LENGTH OF 6 FT. BETWEEN THE SKIMMER AND COUPLING.
5. PLASTIC SLOPE DRAIN PIPE AT INLET OF BASIN MAY BE REPLACED BY FILTRATION GEOTEXTILE AS DIRECTED.
6. THE DIFFERENCE BETWEEN LENGTHS "D" AND "E" REPRESENT THE FREEBOARD AND SHOULD BE 1 FT. MINIMUM.

NOT TO SCALE

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-2C</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

COIR FIBER WATTLE WITH POLYACRYLAMIDE (PAM) DETAIL

NOTES:

USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) 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.

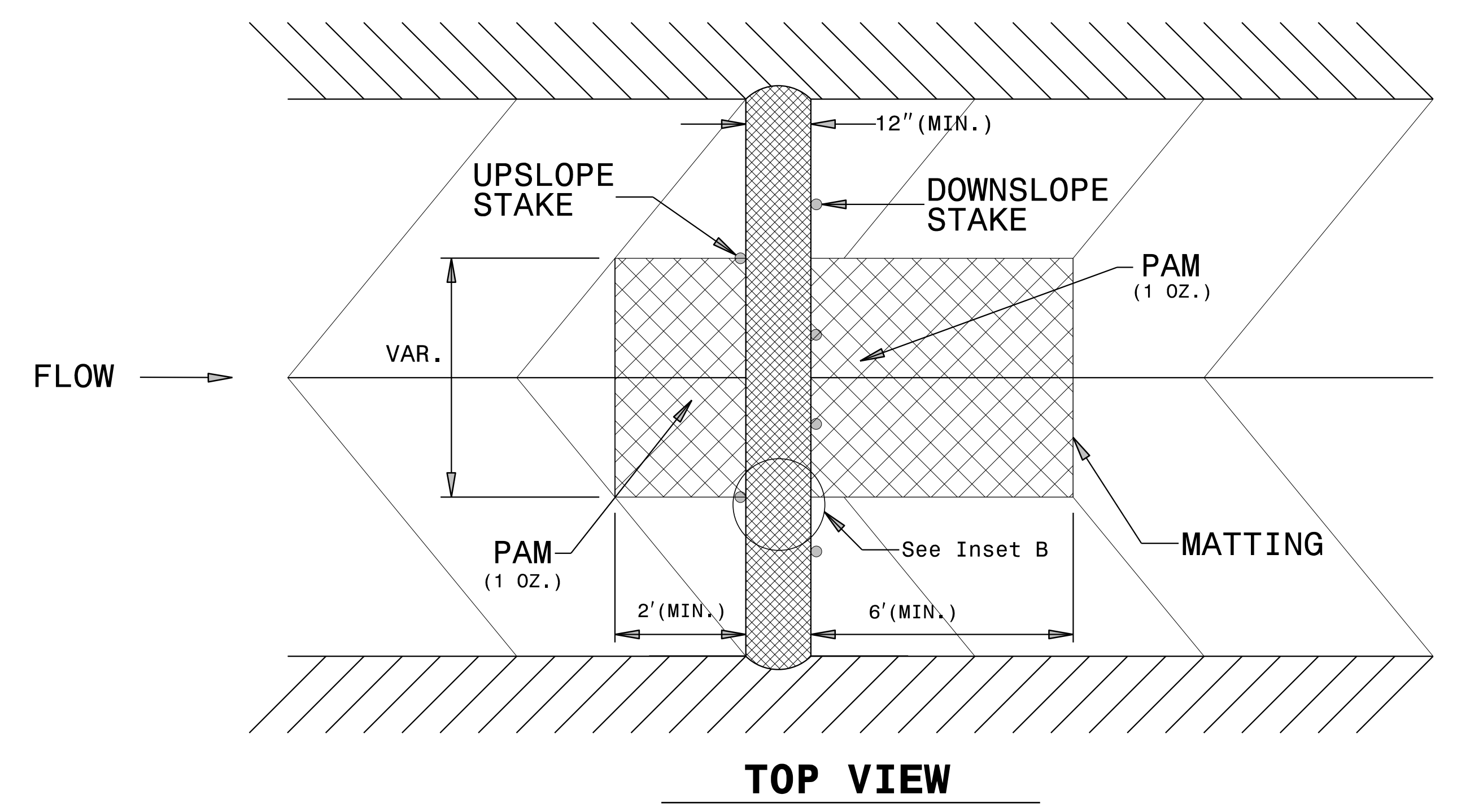
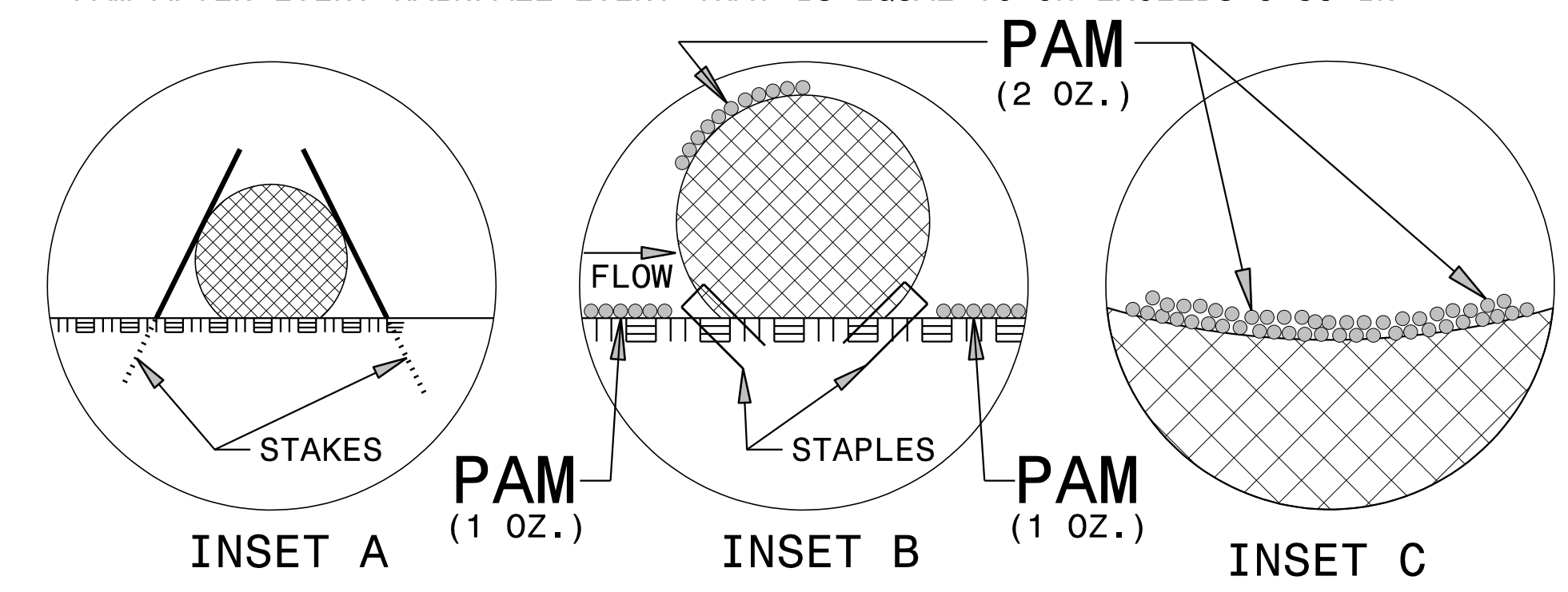
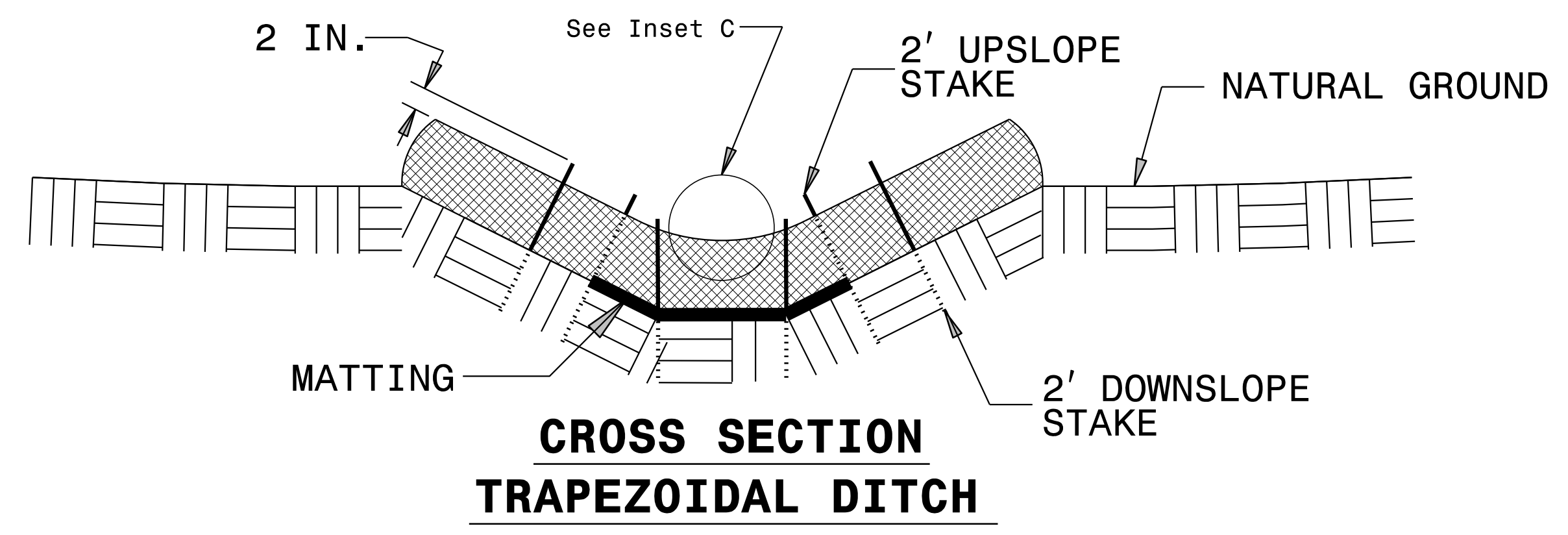
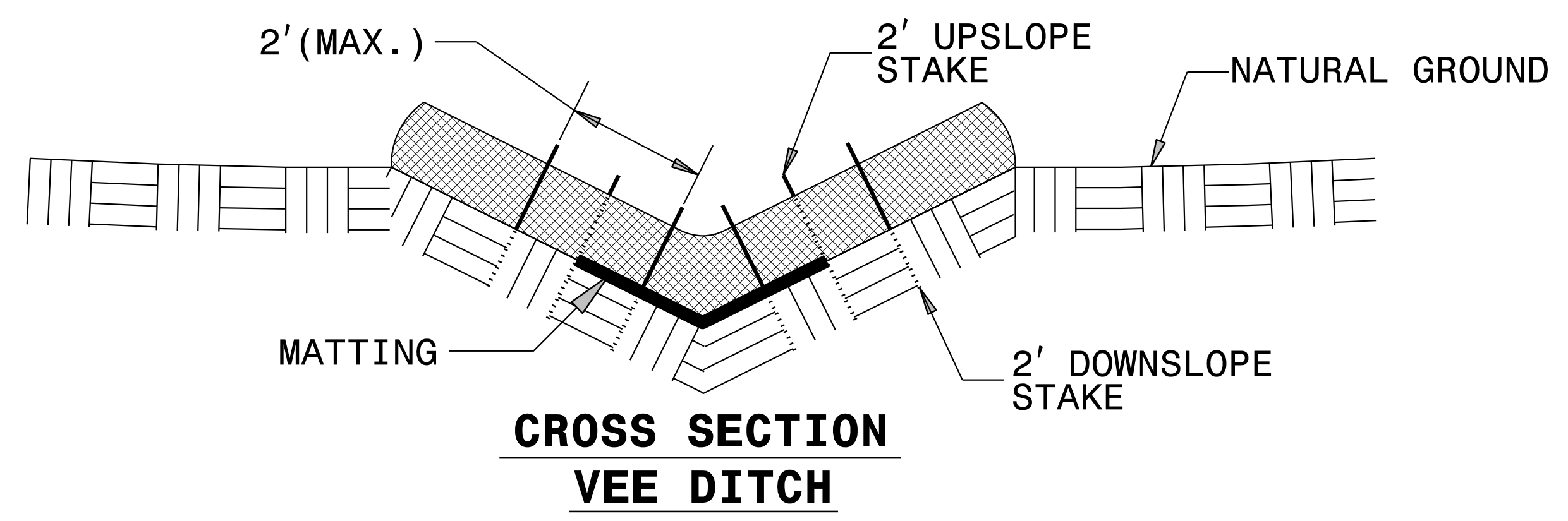
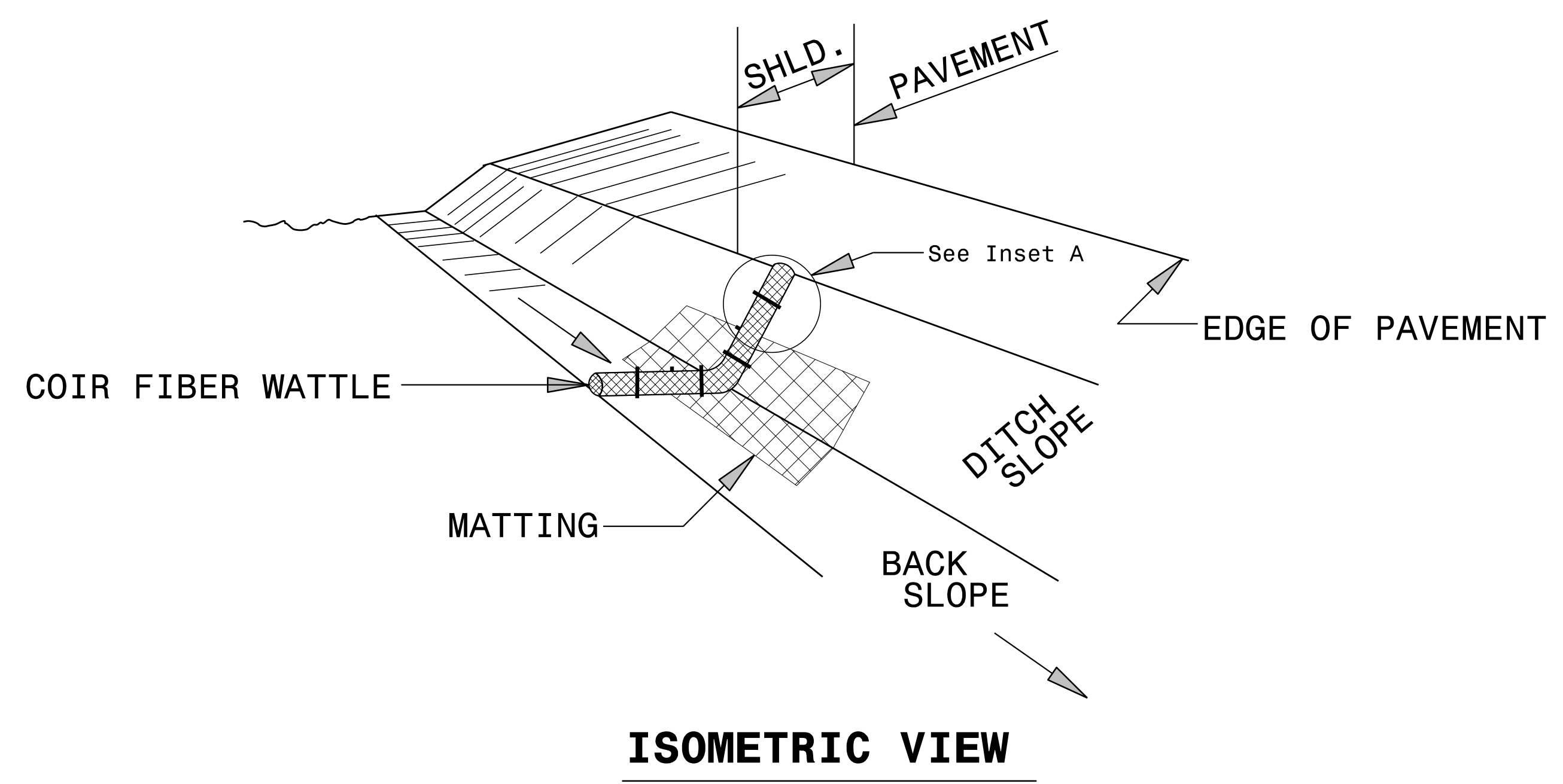
PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

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.

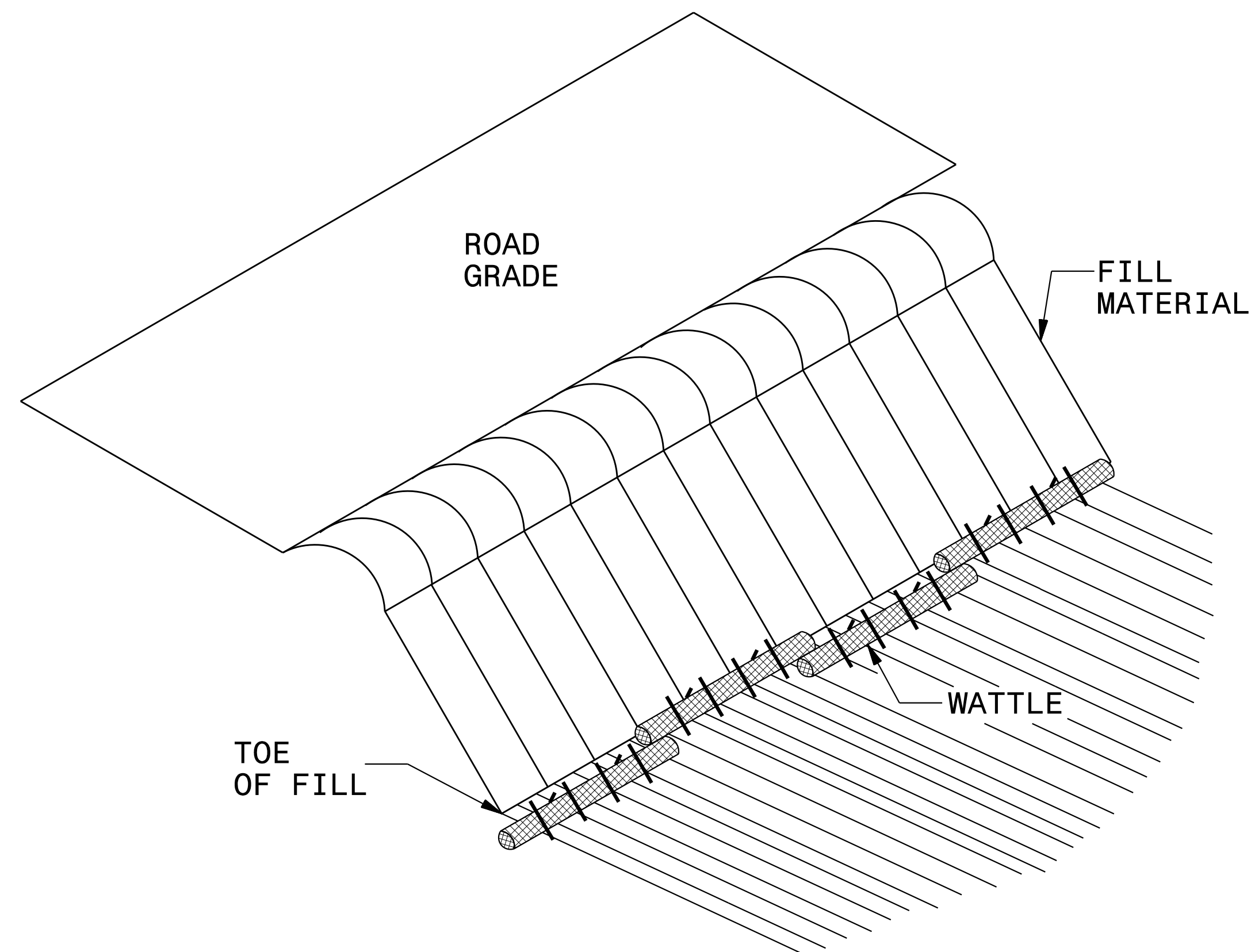
PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.

INITIALLY APPLY 2 OUNCES OF ANIONIC OR NEUTRALLY CHARGED PAM OVER WATTLE WHERE WATER WILL FLOW AND 1 OUNCE OF PAM ON EACH SIDE OF WATTLE. REAPPLY PAM AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.

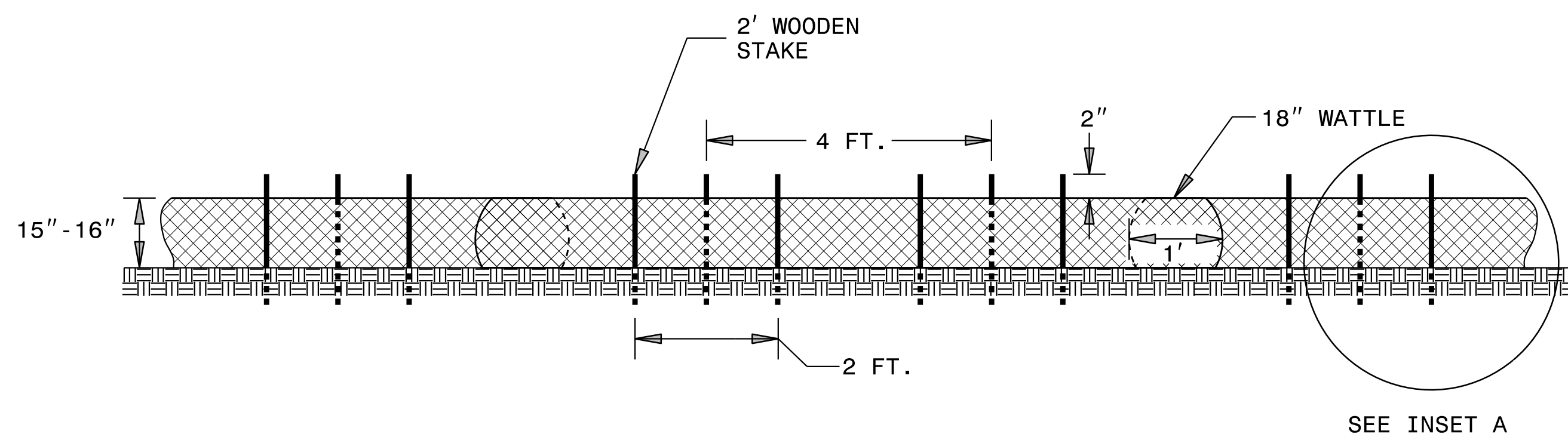


PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-2D</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

COIR FIBER WATTLE BARRIER DETAIL



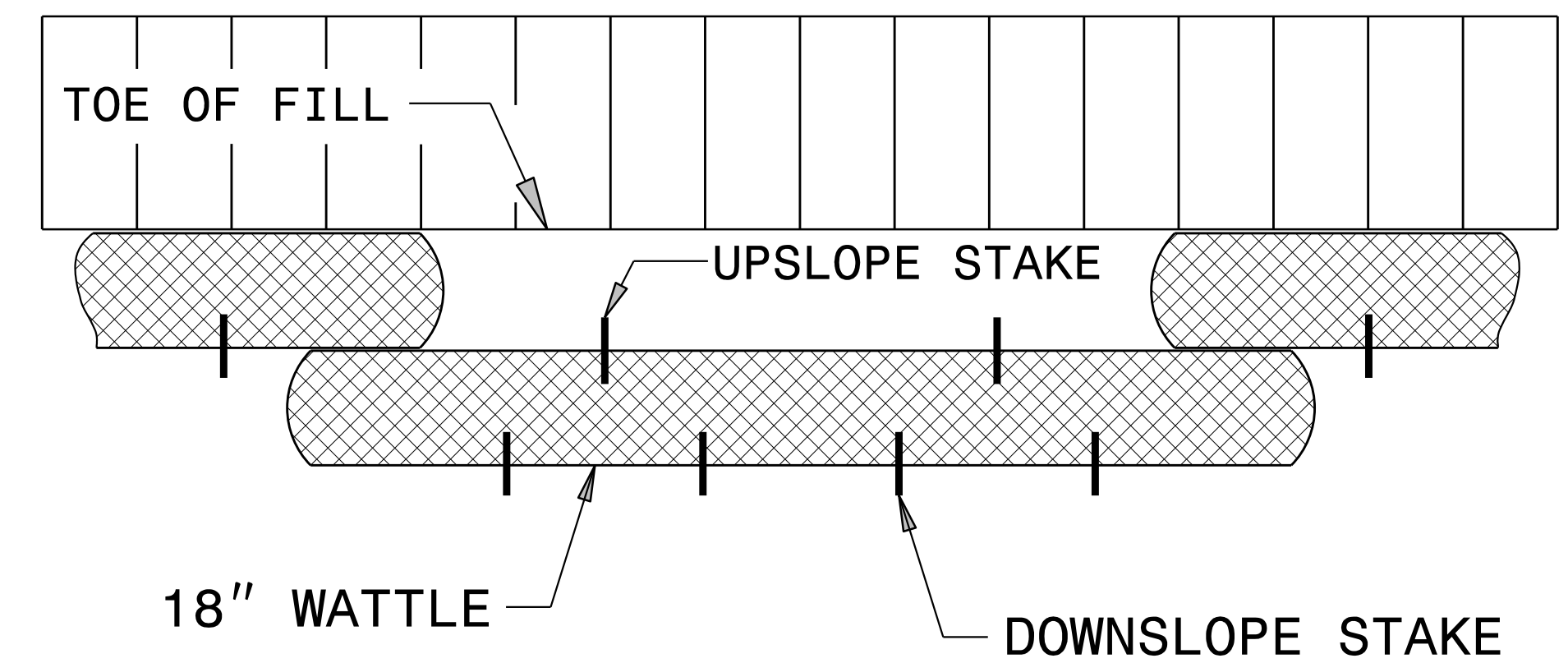
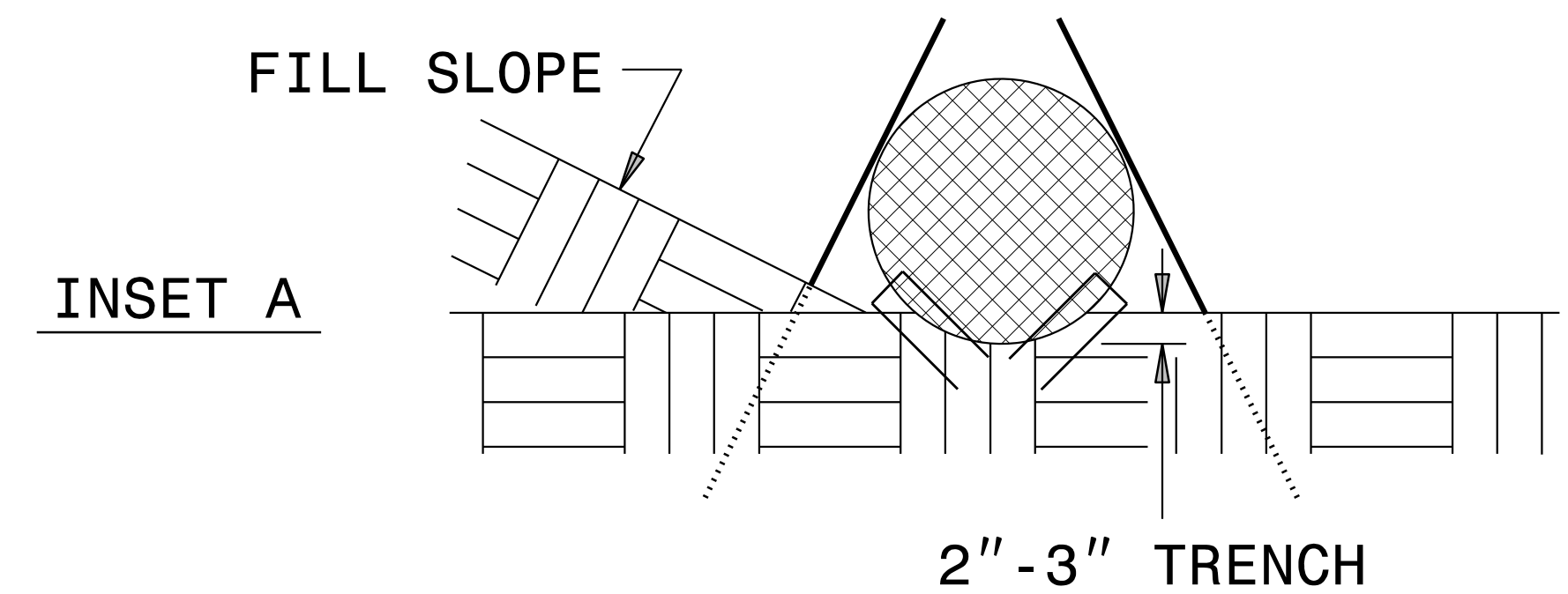
ISOMETRIC VIEW



FRONT VIEW

NOTES:

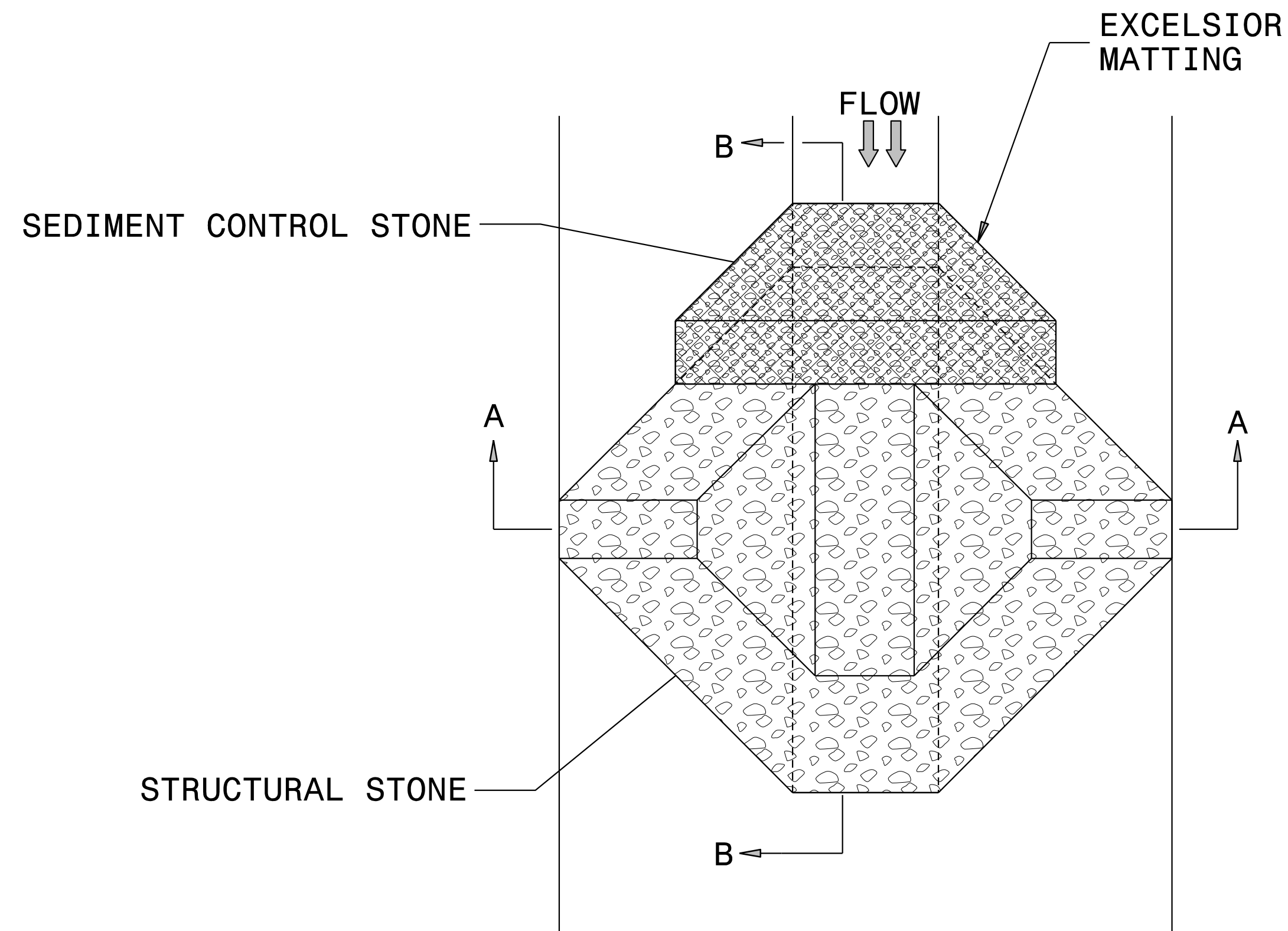
- USE MINIMUM 18 IN. NOMINAL DIAMETER COIR FIBER (COCONUT) WATTLE AND LENGTH OF 10 FT.
- EXCAVATE A 2 TO 3 INCH TRENCH FOR WATTLE TO BE PLACED.
- DO NOT PLACE WATTLES ON TOE OF SLOPE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 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.
- FOR BREAKS ALONG LARGE SLOPES, USE MAXIMUM SPACING OF 25 FT.



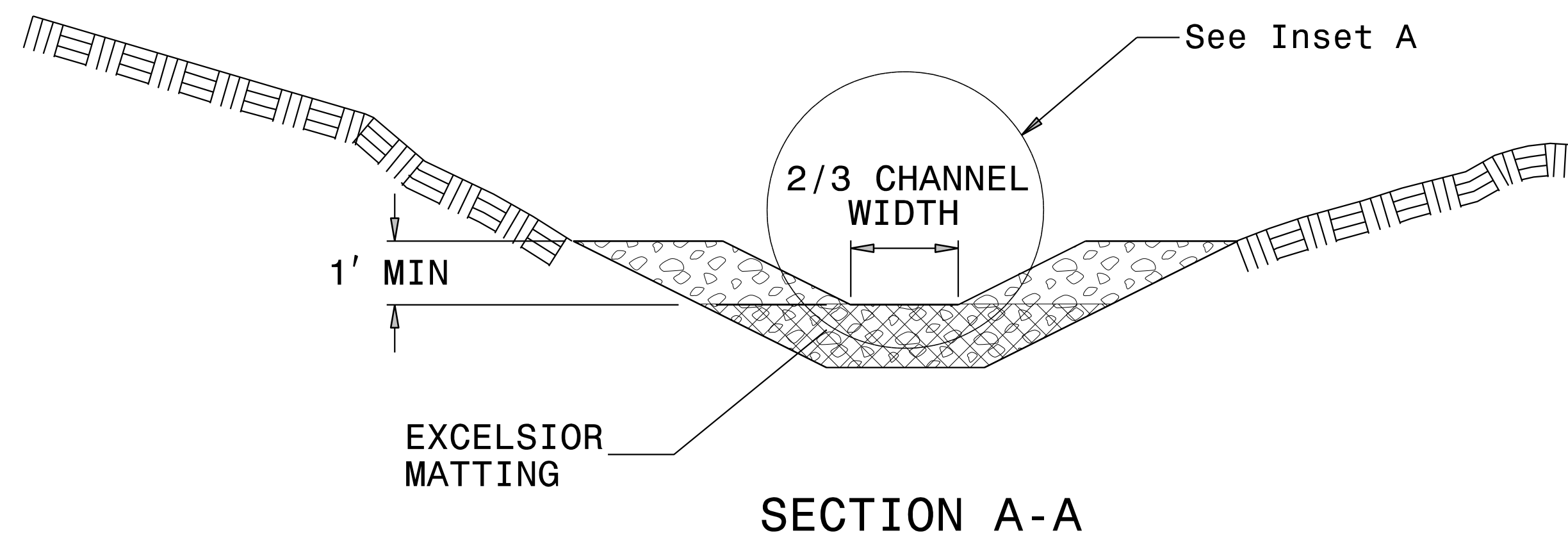
TOP VIEW

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-2E</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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



PLAN



SECTION A-A

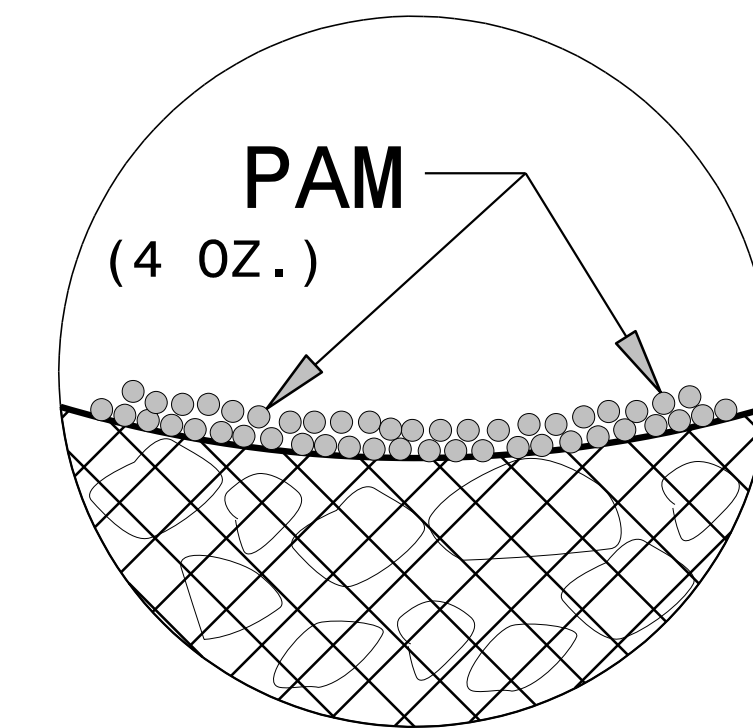
NOTES:

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

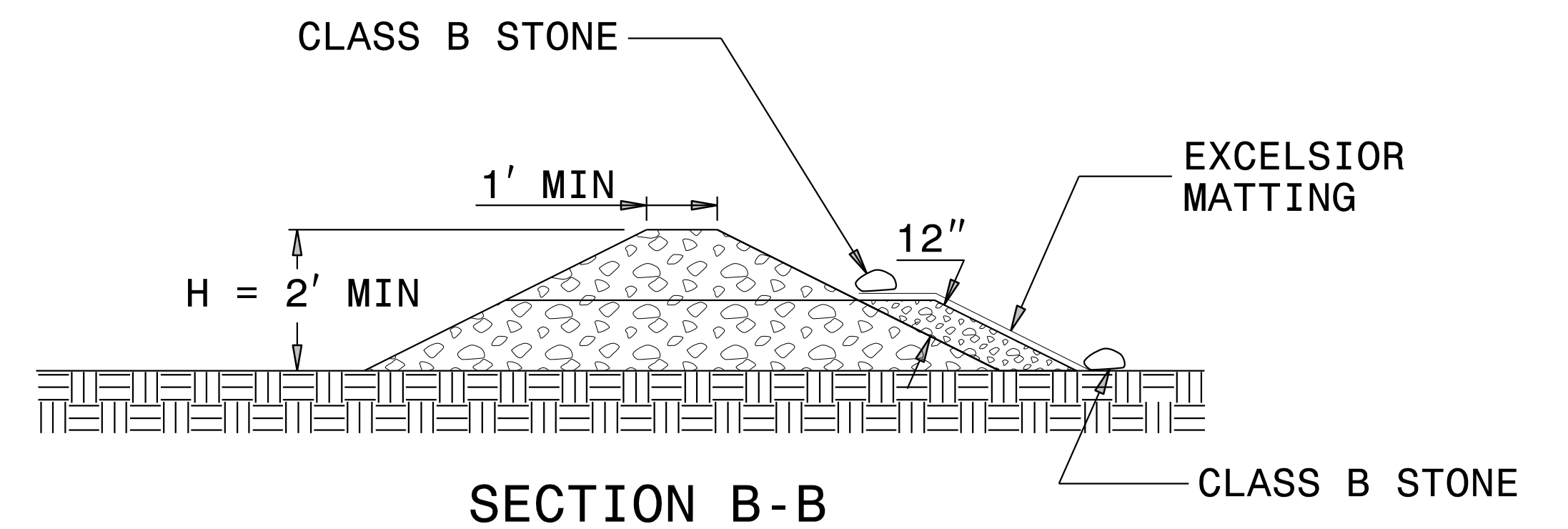
USE EXCELSIOR FOR MATTING MATERIAL AND ANCHOR MATTING SECTION AT TOP AND BOTTOM WITH CLASS B STONE.

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.



INSET A



SECTION B-B

NOT TO SCALE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-3</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL (STRAW)

MATTING FOR EROSION CONTROL (STRAW)

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
4	-L-	853+00	864+00	MED	2375
4	-L-	852+00	859+30	RT	1440
5	-L-	873+00	876+00	RT	245
6	-L-	881+00	888+00	LT	1230
6	-L-	888+50	891+00	LT	395
6	-L-	893+00	895+00	LT	445
6	-L-	898+50	901+50	LT	635
6	-L-	877+00	886+50	MED	1895
6	-L-	889+50	891+50	MED	340
6	-L-	892+50	897+00	MED	560
6	-L-	901+00	905+00	MED	615
6	-L-	881+50	888+00	RT	1260
6	-L-	899+00	901+00	RT	200
6	-L-	903+50	905+00	RT	225
6	-SR6-	17+00	21+50	LT	420
6	-SR6-	17+50	21+50	RT	465
6	-SR7-	10+99	12+64	RT	250
6	-SR9-	12+50	14+00	LT	120
6	-SR10-	14+19	16+90	LT	405
6	-SR10-	14+70	18+00	RT	505
6	-Y42RPC-	13+47	23+00	LT	1000
6	-Y42RPC-	13+47	18+50	RT	920
6	-Y42RPD-	19+50	21+00	LT	260
6B	-SR9A-	19+00	20+00	LT	120
6B	-SR9A-	26+00	27+00	LT	120
6B	-SR9A-	19+50	22+50	RT	350
7	-L-	917+50	918+00	LT	110
7	-L-	905+00	918+00	MED	2620
7	-L-	912+50	917+40	RT	945
7	-L-	917+50	918+00	RT	95

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
7	-Y42RPD-	12+22	16+28	LT	800
8	-L-	918+00	919+50	LT	320
8	-L-	918+00	931+00	MED	2705
8	-L-	918+00	920+00	RT	375
8	-L-	924+00	930+00	RT	1115
8	-L-	926+60	929+00	RT	280
8	-SR7-	35+20	36+50	LT	155
8	-SR7-	45+00	46+50	LT	180
8	-SR7-	37+00	40+50	RT	420
8	-SR7-	41+75	42+90	RT	140
8	-SR7-	43+60	47+00	RT	395
8	-SR8-	11+00	13+00	LT	160
9	-L-	934+50	944+00	MED	1985
9	-L-	938+50	941+50	RT	665
9	-SR7-	52+00	54+50	LT	230
9	-SR7-	56+60	60+50	LT	335
9	-SR7-	47+00	56+50	RT	1110
9	-SR7-	56+50	60+55	RT	470
9	-SR8-	13+00	21+50	LT	1010
9	-SR8-	21+80	22+60	LT	65
9	-SR8-	13+00	19+50	RT	605
9	-Y46-	11+50	12+50	LT	120
9	-Y46-	13+13	14+00	LT	105
10	-L-	955+00	957+00	LT	435
10	-L-	944+00	948+50	MED	1025
10	-L-	952+00	957+00	MED	1405
10	-L-	944+12	947+00	RT	555
10	-SR7-	60+80	62+00	LT	120
10	-SR7-	60+80	67+50	RT	640
10	-SR7-	70+50	71+75	RT	105

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

<small>PROJECT REFERENCE NO.</small> R-2707E	<small>SHEET NO.</small> EC-3A
<small>ROADWAY DESIGN ENGINEER</small>	<small>HYDRAULICS ENGINEER</small>

SOIL STABILIZATION SUMMARY SHEET

MATTING FOR EROSION CONTROL (STRAW)

MATTING FOR EROSION CONTROL (EXCELSIOR)

<small>CONST SHEET NO.</small>	<small>LINE</small>	<small>FROM STATION</small>	<small>TO STATION</small>	<small>SIDE</small>	<small>ESTIMATE (SY)</small>
10	-SR8-	30+00	35+75	LT	665
10	-SR8-	26+00	35+75	RT	990
11	-SR7-	75+75	80+00	RT	380
12	-SR10-	24+50	28+50	LT	465

<small>CONST SHEET NO.</small>	<small>LINE</small>	<small>FROM STATION</small>	<small>TO STATION</small>	<small>SIDE</small>	<small>ESTIMATE (SY)</small>
5	-L-	876+00	877+00	LT	250
5	-L-	864+00	877+00	MED	3015
5	-L-	868+00	875+50	RT	1395
6	-L-	877+00	881+00	LT	770
6	-PVTENT3-	11+50	11+80	LT	30
6	-SR7-	16+12	19+00	LT	325
6	-SR7-	10+43	10+99	RT	85
6	-SR7-	12+64	15+63	RT	435
6	-SR7-	16+62	19+50	RT	335
6	-SR10-	10+31	14+19	LT	600
6	-SR10-	16+90	22+50	LT	675
6	-SR10-	18+00	22+50	RT	395
6	-Y42RPB-	21+00	24+50	LT	555
6	-Y42RPC-	21+50	25+00	RT	525
6A	-SR9A-	14+50	15+00	LT	60
6A	-SR9A-	14+50	15+00	RT	60
6B	-SR9A-	15+00	17+00	LT	235
6B	-SR9A-	15+00	18+00	RT	350
7	-L-	905+00	907+00	RT	315
7	-L-	911+00	912+50	RT	295
7	-SR7-	27+00	29+00	LT	235
7	-SR7-	29+50	33+50	LT	465
8	-L-	922+00	924+00	RT	235
8	-PVTENT6-	11+00	11+31	LT	25
8	-PVTENT6-	11+00	11+31	RT	25
8	-SR7-	40+50	41+75	RT	145
10	-SR7-	69+50	70+50	RT	90
10	-SR7-	71+75	72+50	RT	65

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-3C</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

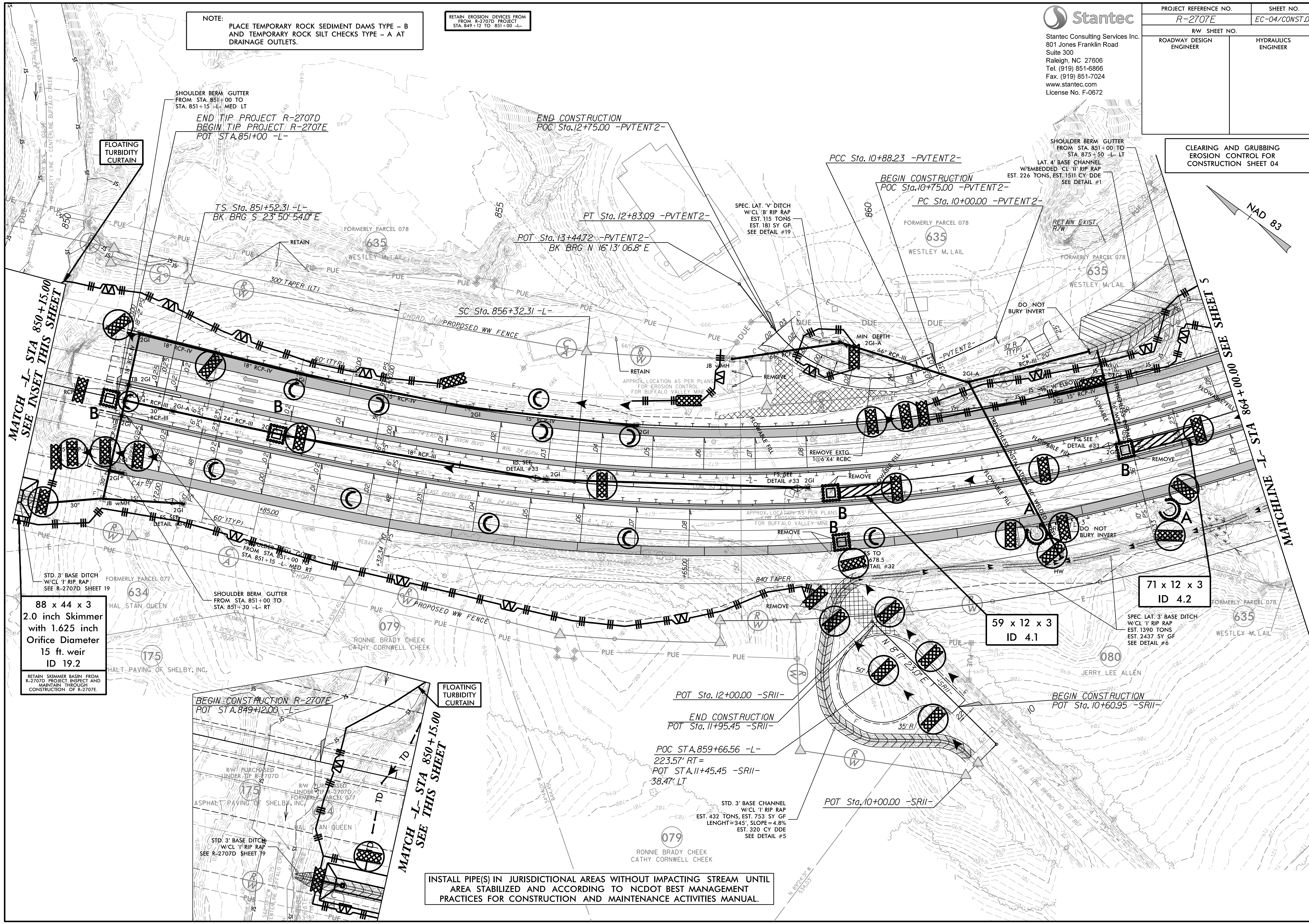
SOIL STABILIZATION TIMEFRAMES

<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.

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-04/CONST.04</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

RETAIN EROSION DEVICES FROM FROM R-2707D PROJECT STA. 849+12 TO 851+00 -L-



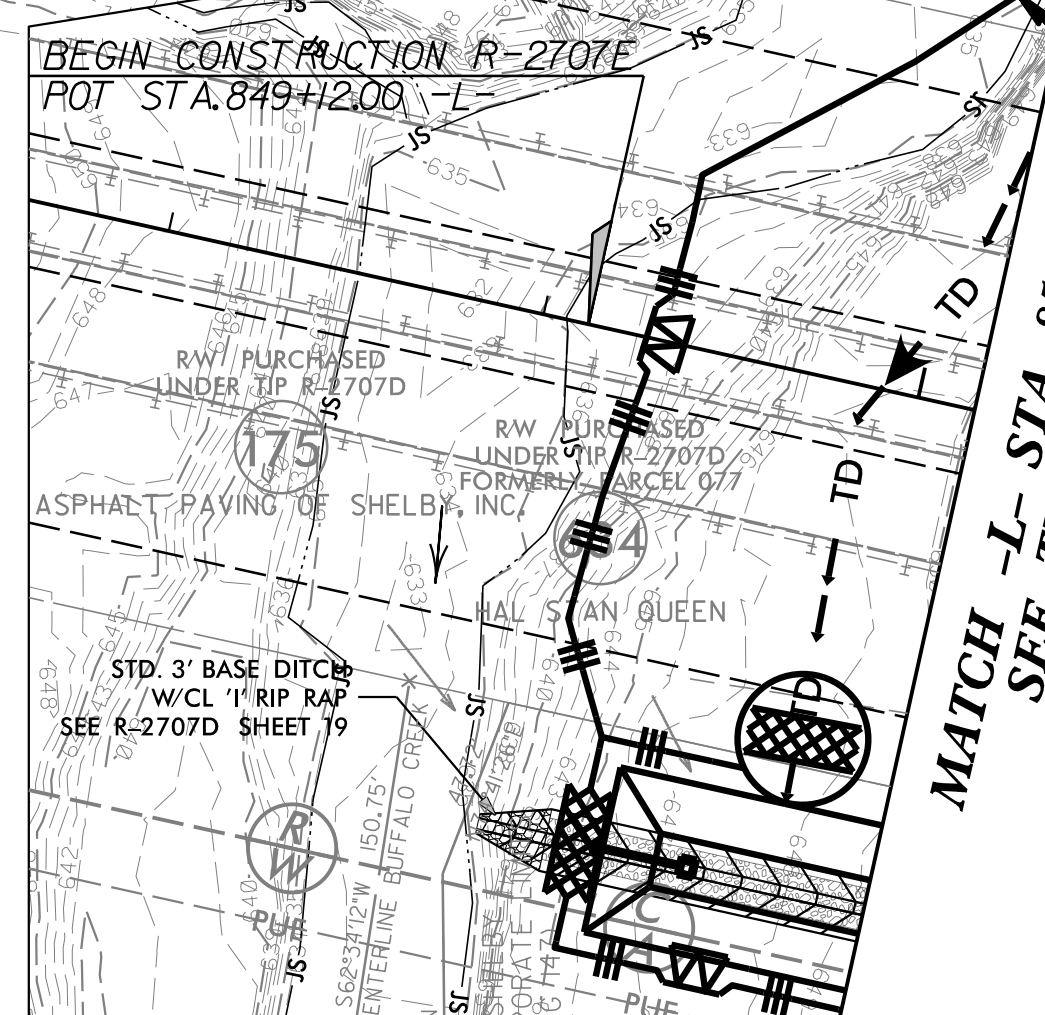
MATCH -L- STA 850+15.00 SEE INSET THIS SHEET

MATCHLINE -L- STA 10+00.00+1498.98 SEE SHEET 5

88 x 44 x 3
 2.0 inch Skimmer
 with 1.625 inch
 Orifice Diameter
 15 ft. weir
 ID 19.2

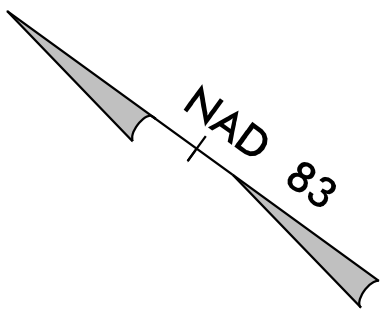
59 x 12 x 3
 ID 4.1

71 x 12 x 3
 ID 4.2



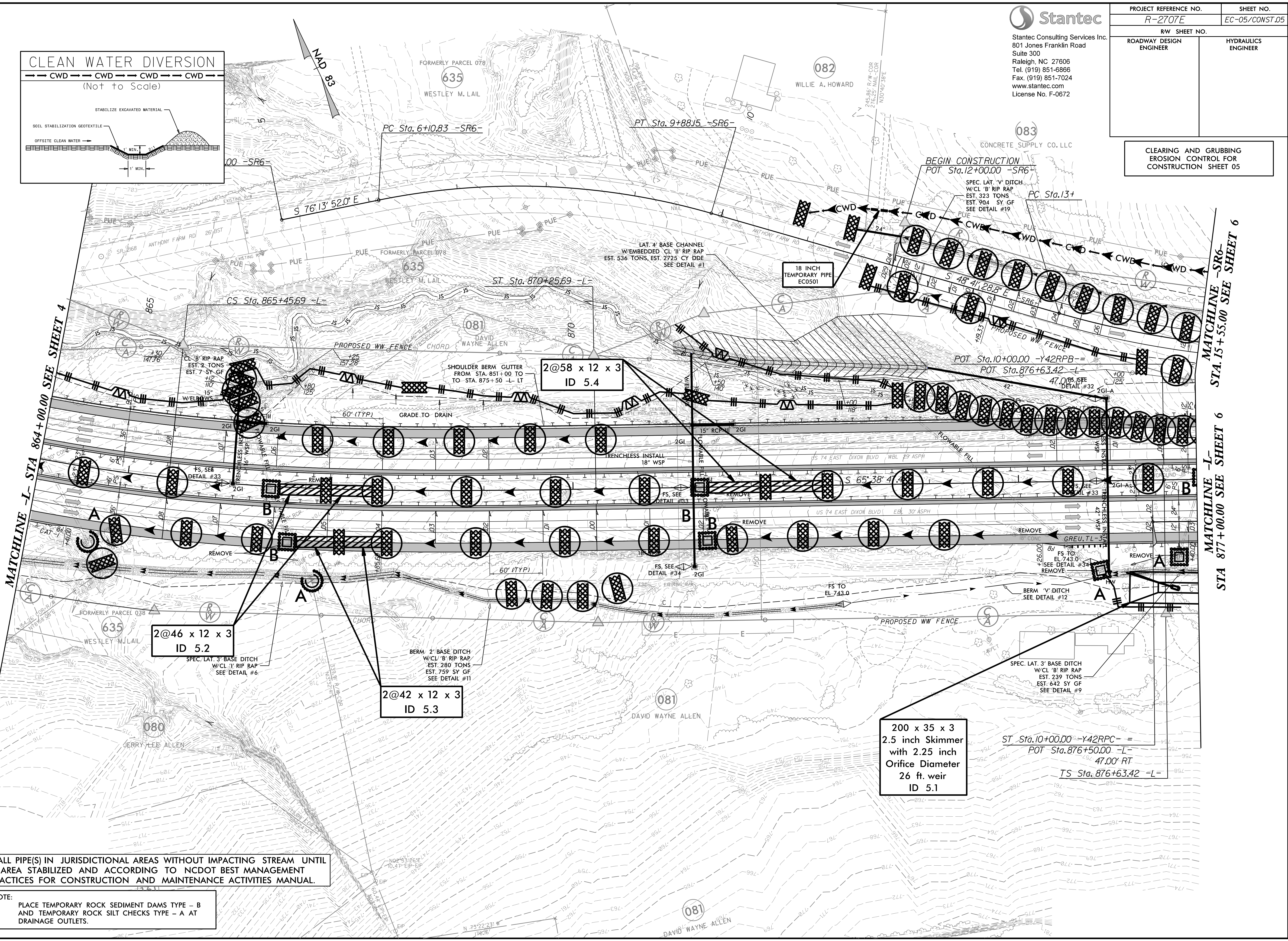
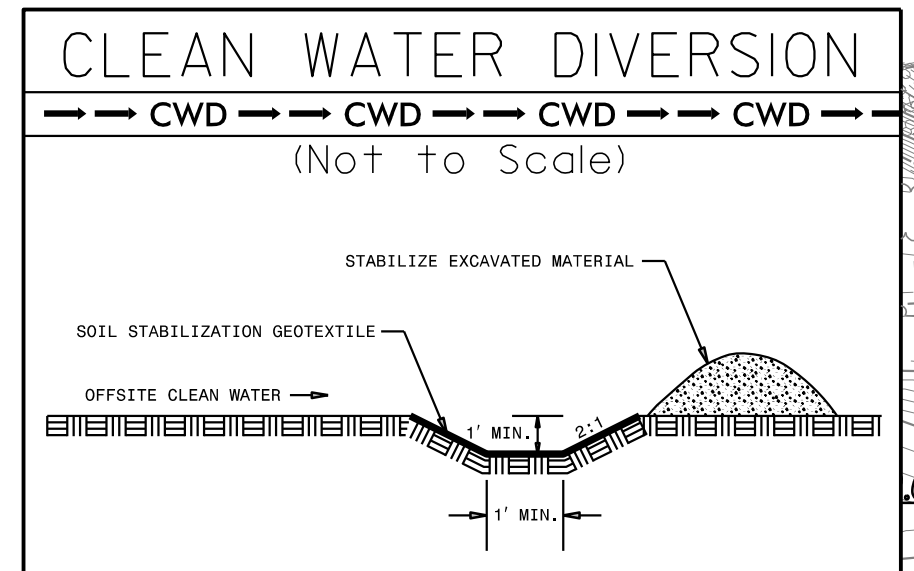
MATCH -L- STA 850+15.00 SEE THIS SHEET

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.



PROJECT REFERENCE NO. R-2707E	SHEET NO. EC-05/CONST.05
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 05



INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

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

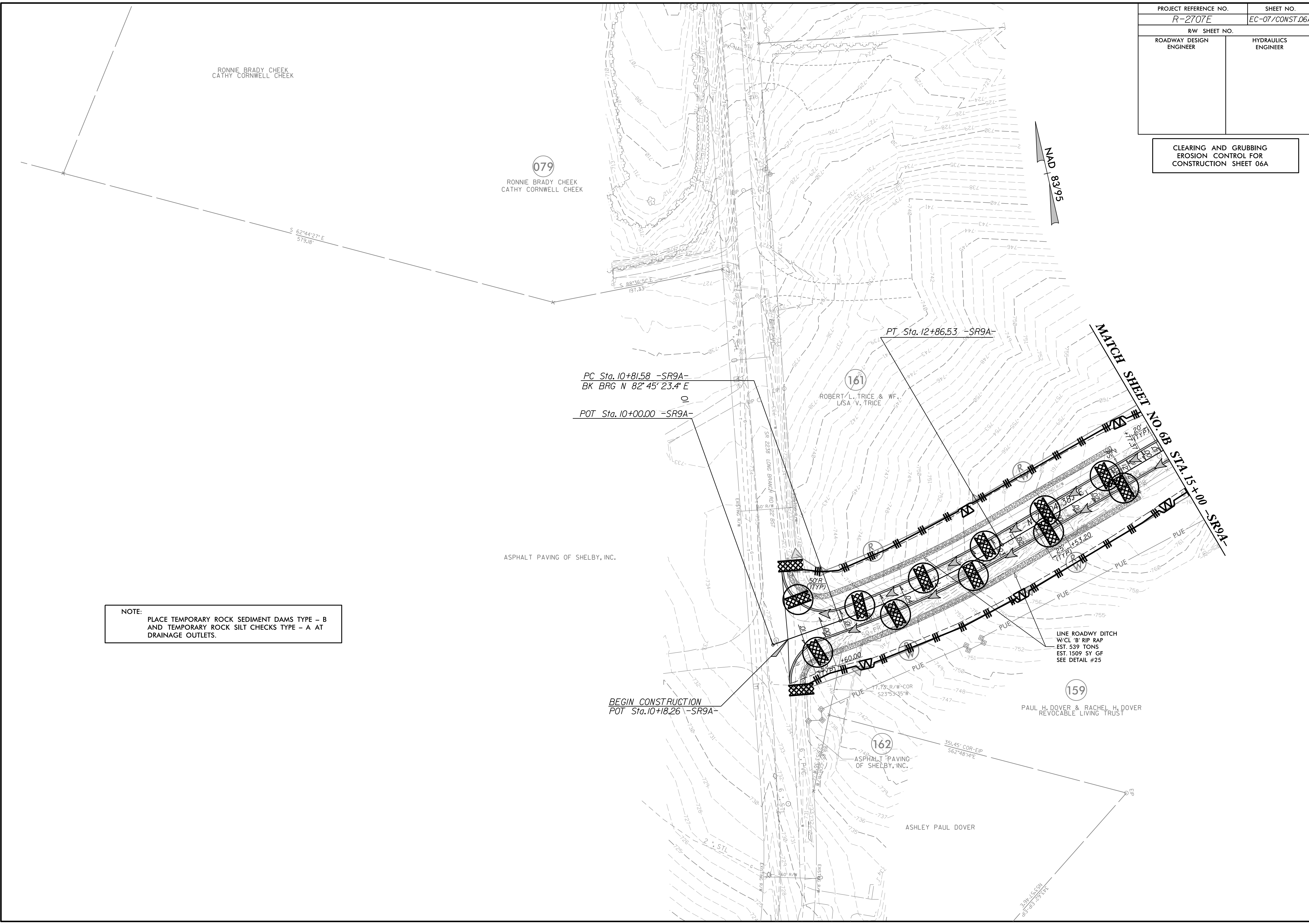
4/27/2022 EC.dsn_psh_05.cg.dgn

MATCHLINE -L- STA 864+00.00 SEE SHEET 4

MATCHLINE -SR6- STA. 15+55.00 SEE SHEET 6
MATCHLINE -L- STA 877+00.00 SEE SHEET 6

PROJECT REFERENCE NO.	SHEET NO.
R-2707E	EC-07/CONST.06A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 06A



RONNIE BRADY CHEEK
CATHY CORNWELL CHEEK

079
RONNIE BRADY CHEEK
CATHY CORNWELL CHEEK

S 62°44'27" E
573.18'

MAD 83.95

PC Sta. 10+81.58 -SR9A-
BK BRG N 82°45'23.4" E
POT Sta. 10+00.00 -SR9A-

PT Sta. 12+86.53 -SR9A-

MATCH SHEET NO. 6B STA. 15+00 -SR9A-

ASPHALT PAVING OF SHELBY, INC.

161
ROBERT L. TRICE & WIFE
LISA V. TRICE

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

LINE ROADWAY DITCH
W/CL 'B' RIP RAP
EST. 539 TONS
EST. 1509 SY GF
SEE DETAIL #25

BEGIN CONSTRUCTION
POT Sta. 10+18.26 -SR9A-

159
PAUL H. DOVER & RACHEL H. DOVER
REVOCABLE LIVING TRUST

162
ASPHALT PAVING
OF SHELBY, INC.

ASHLEY PAUL DOVER

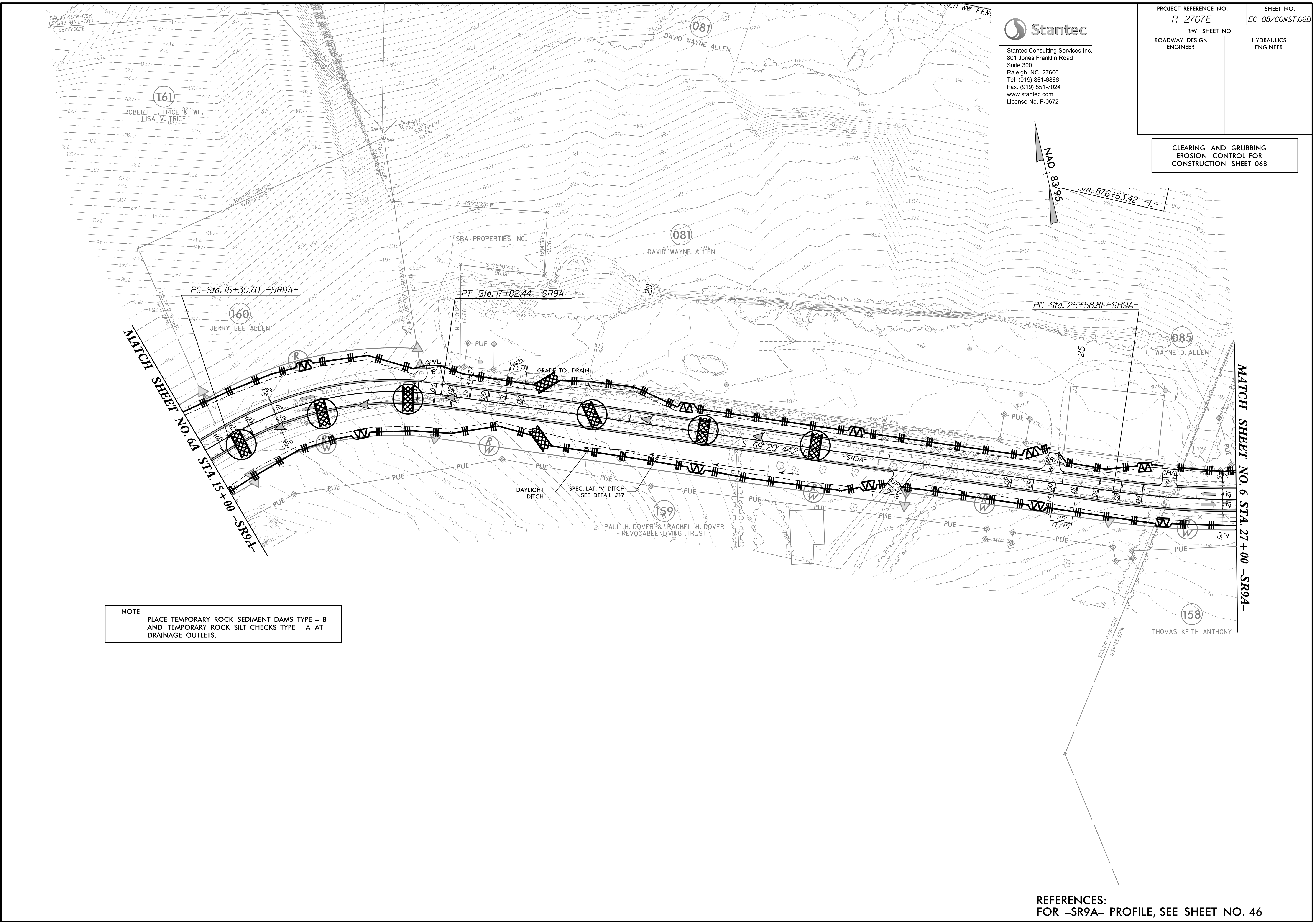
351.45' COR-EIP
S62°48'14" E



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PROJECT REFERENCE NO. R-2707E	SHEET NO. EC-08/CONST.06B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 06B



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

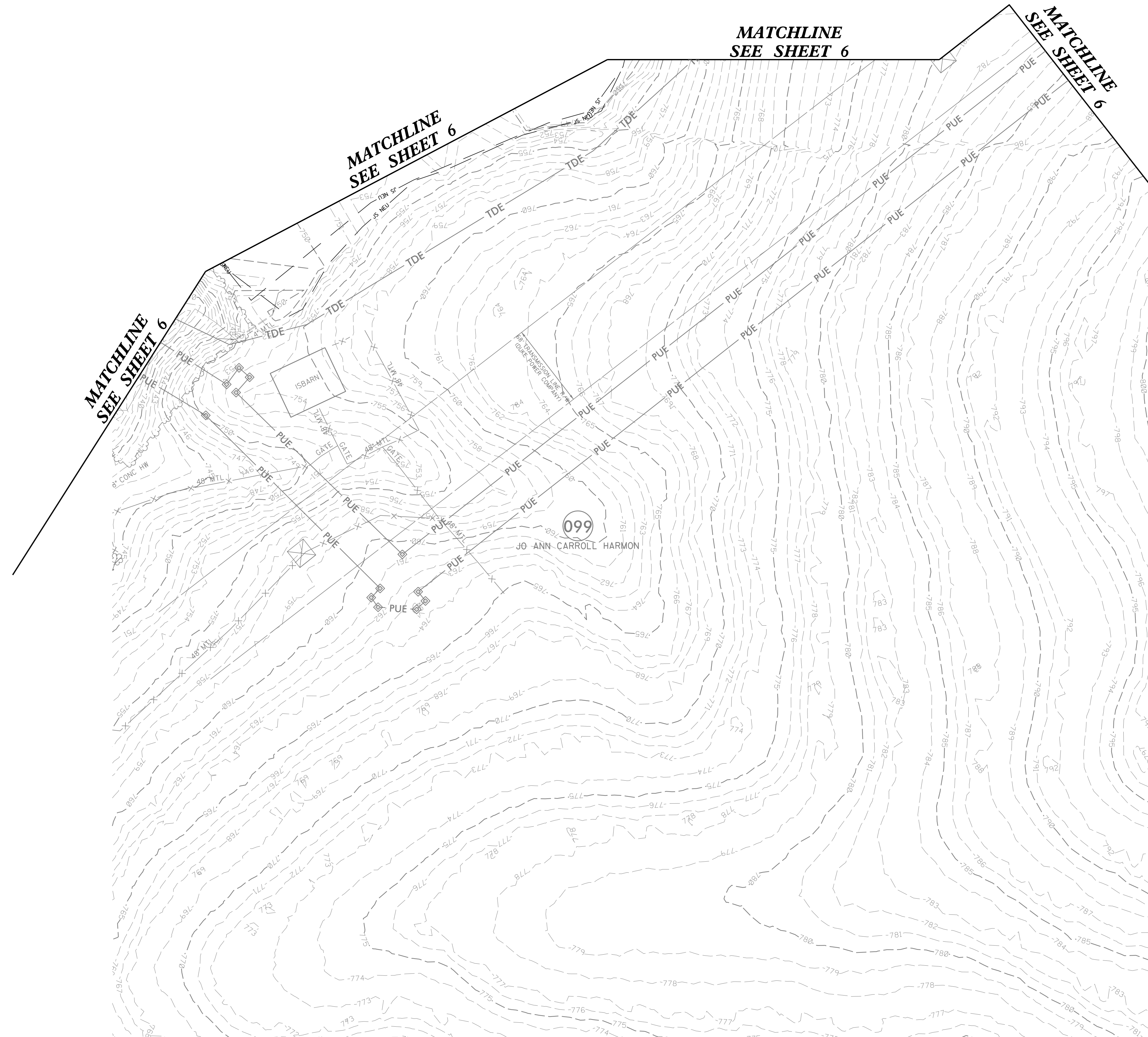
REFERENCES:
 FOR -SR9A- PROFILE, SEE SHEET NO. 46



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PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-09/CONST.06C</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 06C

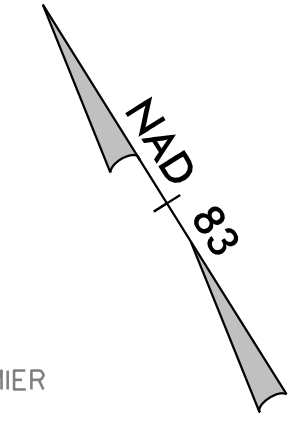




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PROJECT REFERENCE NO.	SHEET NO.
R-2707E	EC-10/CONST.06D
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 06D



178
 JAMES E. HOFFMIER

177
 STEPHEN L. WHITE

FORMERLY PARCEL 135
 646
 CATHY S. COWAN
 HUNTWOOD TRUST

FORMERLY PARCEL 135
 646
 CATHY S. COWAN
 HUNTWOOD TRUST

FORMERLY PARCEL 126
 641
 KENNETH B. RANDALL

FORMERLY PARCEL 126
 641
 KENNETH B. RANDALL

FORMERLY PARCEL 12
 642
 JACK WILLIAMS

123
 PAMELA R. BIVINS

CHARLES RALPH DOVER

BROWNIE WHISNANT, HEIRS

GEORGE B. PEELER, JR.

CONSERVATION AREA

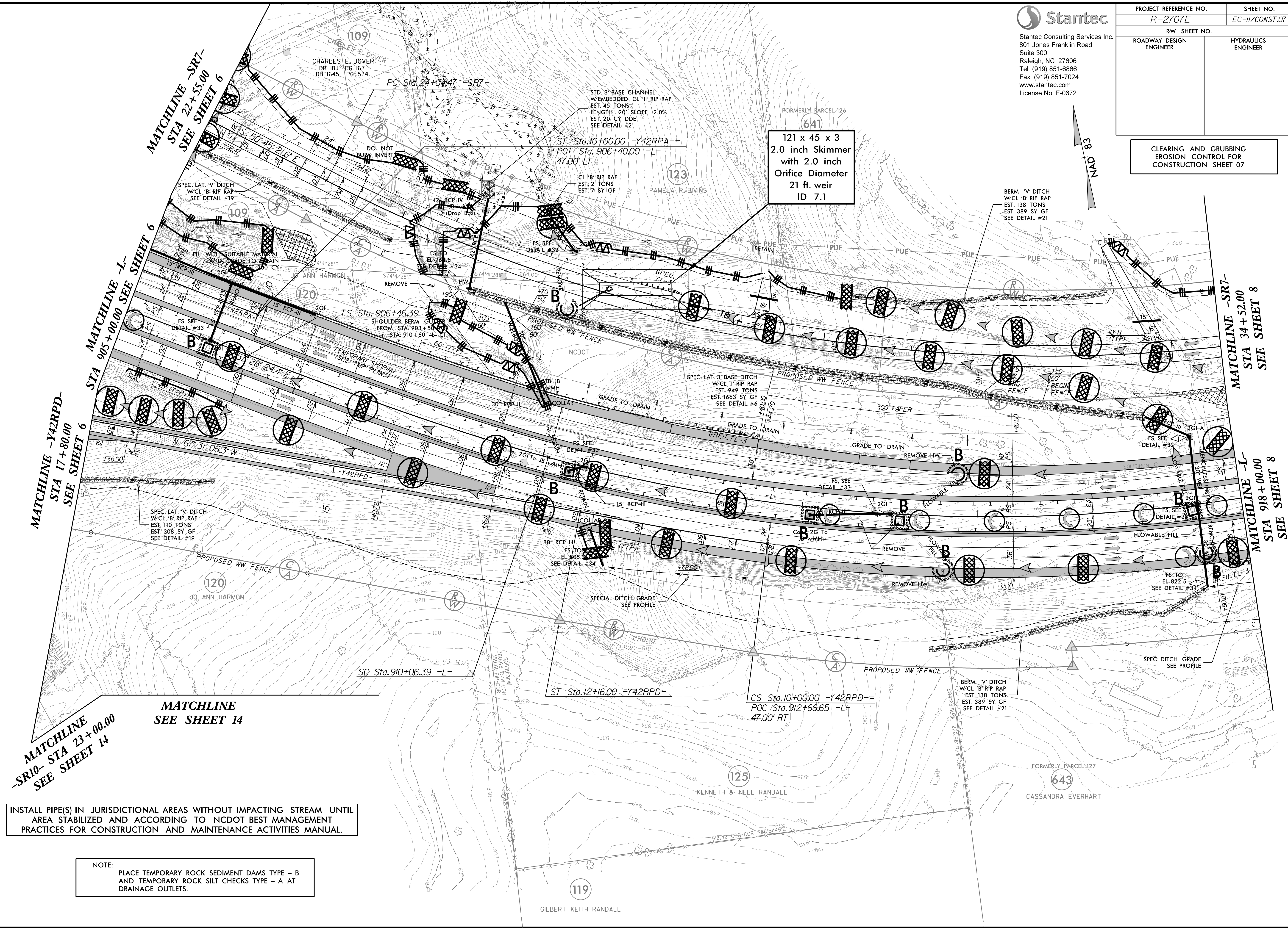
CONSERVATION AREA

3/27/2023
 R2707E EC.dsn_psh_10_cg.dgn
 mcdonalds

12

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-II/CONST.07</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 07



INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

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

3/27/2023
 R2707E-EC.dsn_psh_11.cgd.dgn
 mcdonald.ds

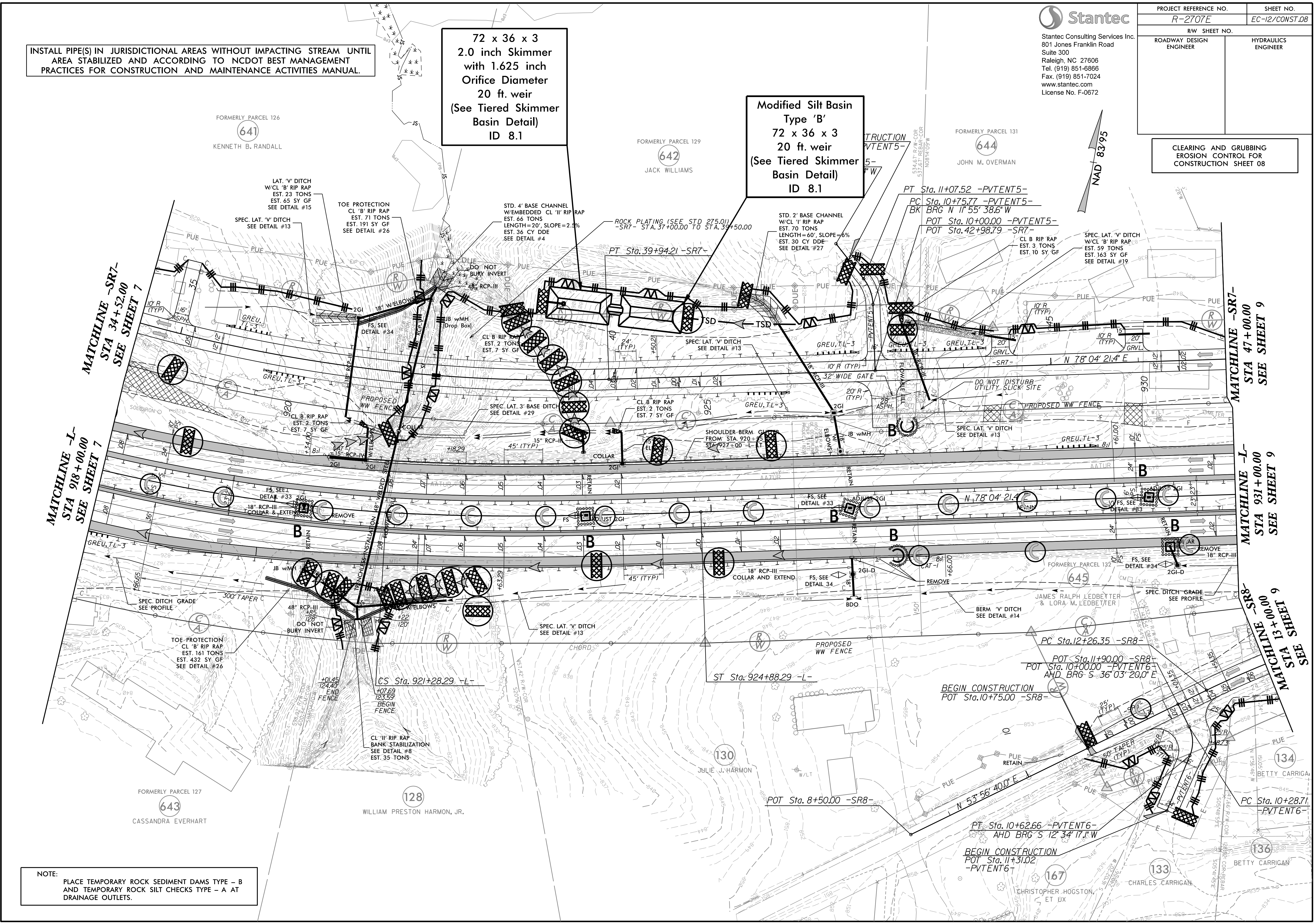
PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-12/CONST.08</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 08

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

72 x 36 x 3
 2.0 inch Skimmer
 with 1.625 inch
 Orifice Diameter
 20 ft. weir
 (See Tiered Skimmer
 Basin Detail)
 ID 8.1

Modified Silt Basin
 Type 'B'
 72 x 36 x 3
 20 ft. weir
 (See Tiered Skimmer
 Basin Detail)
 ID 8.1



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

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PROJECT REFERENCE NO.	SHEET NO.
R-2707E	EC-13/CONST.09
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

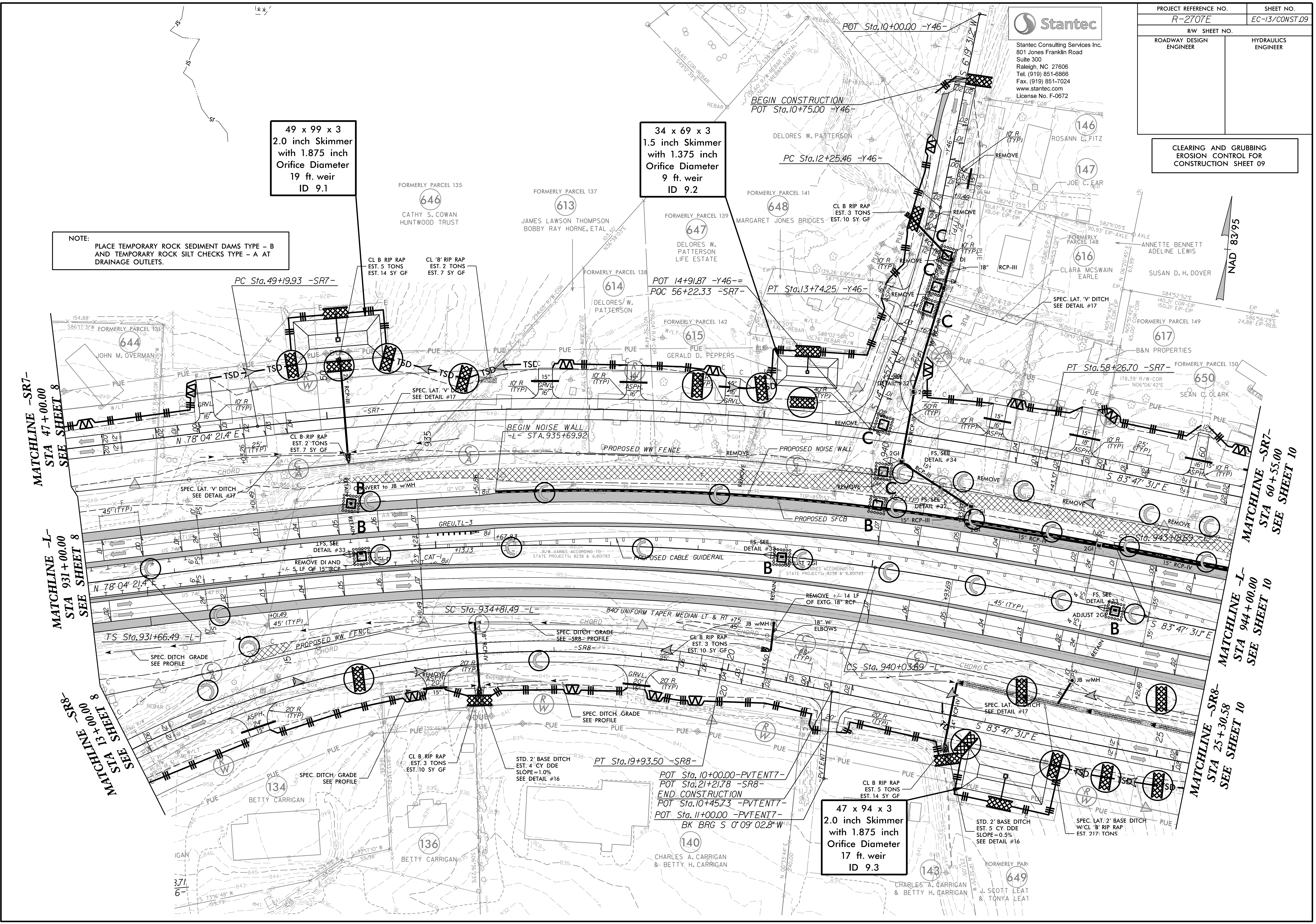
CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 09

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

49 x 99 x 3
 2.0 inch Skimmer
 with 1.875 inch
 Orifice Diameter
 19 ft. weir
 ID 9.1

34 x 69 x 3
 1.5 inch Skimmer
 with 1.375 inch
 Orifice Diameter
 9 ft. weir
 ID 9.2

47 x 94 x 3
 2.0 inch Skimmer
 with 1.875 inch
 Orifice Diameter
 17 ft. weir
 ID 9.3



NAD 83/95

MATCHLINE -SR7-
 STA 47+00.00
 SEE SHEET 8

MATCHLINE -L-
 STA 931+00.00
 SEE SHEET 8

MATCHLINE -SR8-
 STA 13+00.00
 SEE SHEET 8

MATCHLINE -SR7-
 STA 60+55.00
 SEE SHEET 10

MATCHLINE -L-
 STA 944+00.00
 SEE SHEET 10

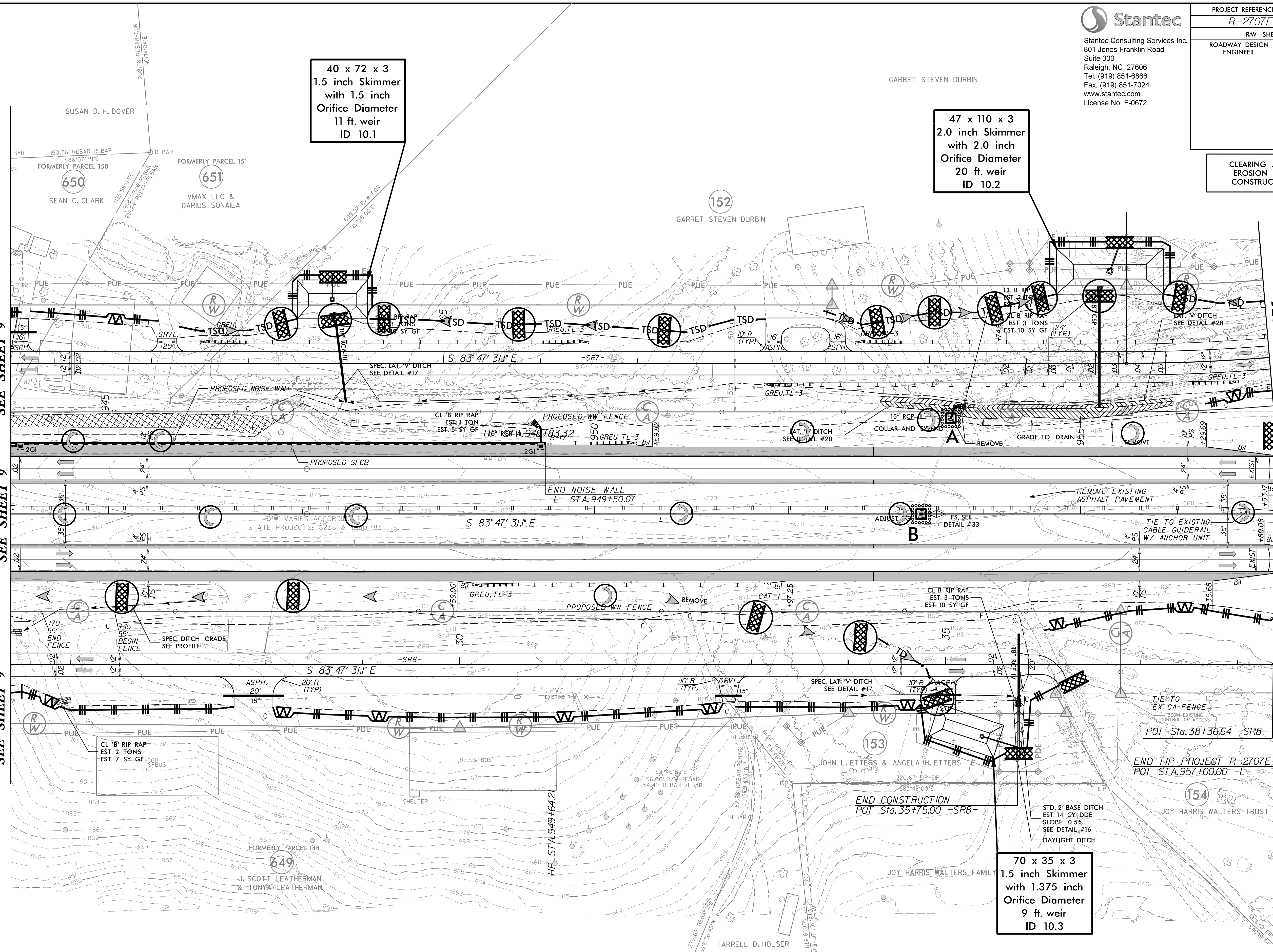
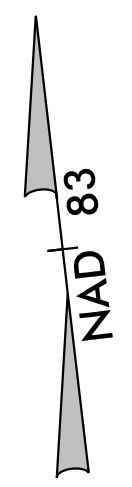
MATCHLINE -SR8-
 STA 25+30.58
 SEE SHEET 10

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-14/CONST.10</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

GARRET STEVEN DURBIN

MATCHLINE -SR7- STA 60+55.00 SEE SHEET 9
 MATCHLINE -L- STA 944+00.00 SEE SHEET 9
 MATCHLINE -SR8- STA 25+30.58 SEE SHEET 9

MATCHLINE -SR7- STA 73+50.00 SEE SHEET 11
 MATCHLINE -L- STA 957+00.00 SEE SHEET 11



40 x 72 x 3
 1.5 inch Skimmer
 with 1.5 inch
 Orifice Diameter
 11 ft. weir
 ID 10.1

47 x 110 x 3
 2.0 inch Skimmer
 with 2.0 inch
 Orifice Diameter
 20 ft. weir
 ID 10.2

70 x 35 x 3
 1.5 inch Skimmer
 with 1.375 inch
 Orifice Diameter
 9 ft. weir
 ID 10.3

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

END TIP PROJECT R-2707E
 POT STA. 957+00.00 -L-

END CONSTRUCTION
 POT Sta. 35+75.00 -SR8-

POT Sta. 38+36.64 -SR8-

SUSAN D. H. DOVER

FORMERLY PARCEL 150
 SEAN C. CLARK

FORMERLY PARCEL 151
 VMAX LLC &
 DARIUS SONAILA

152
 GARRET STEVEN DURBIN

153
 JOHN L. ETTERS & ANGELA H. ETTERS

649
 J. SCOTT LEATHERMAN
 & TONYA LEATHERMAN

TARRELL D. HOUSER

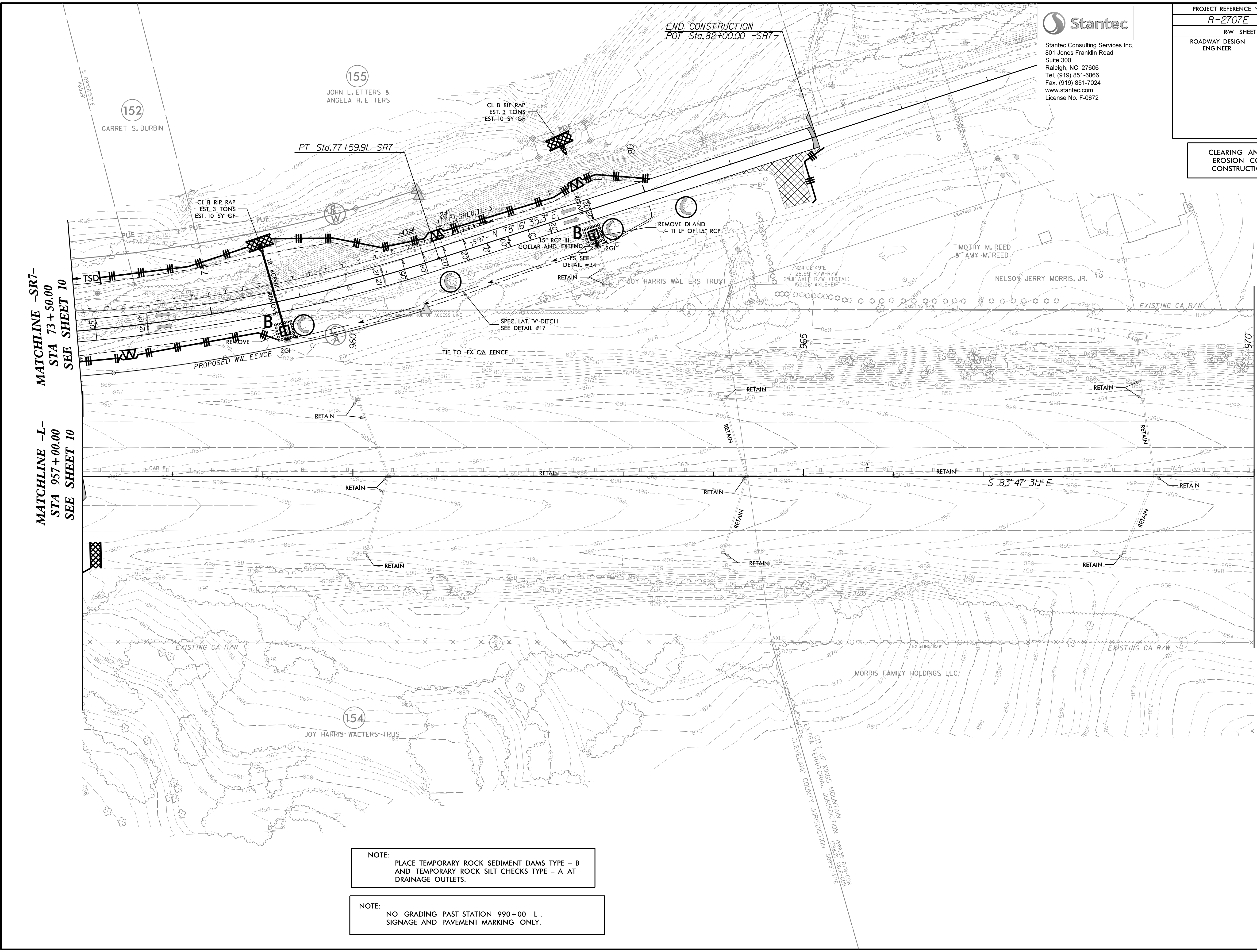
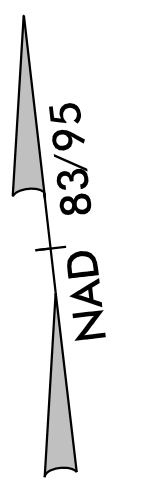
154
 JOY HARRIS WALTERS TRUST



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PROJECT REFERENCE NO.	SHEET NO.
R-2707E	EC-15/CONST.II
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 11



MATCHLINE -SR7-
 STA 73+50.00
 SEE SHEET 10

MATCHLINE -L-
 STA 957+00.00
 SEE SHEET 10

MATCHLINE -L-
 STA 970+00.00 SEE SHEET 12

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

NOTE:
 NO GRADING PAST STATION 990+00 -L-
 SIGNAGE AND PAVEMENT MARKING ONLY.

END CONSTRUCTION
 POT Sta.82+00.00 -SR7-

PT Sta.77+59.91 -SR7-

CL B RIP RAP
 EST. 3 TONS
 EST. 10 SY GF

CL B RIP RAP
 EST. 3 TONS
 EST. 10 SY GF

REMOVE DI AND
 +/- 11 LF OF 15' RCP

SPEC. LAT. 'V' DITCH
 SEE DETAIL #17

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

RETAIN

S 83°47'31" E

EXTRA TERRITORIAL JURISDICTION
 1988-87 AXLE-EIF
 1988-85 R/W-CON
 CLEVELAND COUNTY JURISDICTION

152
 GARRET S. DURBIN

155
 JOHN L. ETTERS &
 ANGELA H. ETTERS

154
 JOY HARRIS WALTERS TRUST

TIMOTHY M. REED
 & AMY M. REED

NELSON JERRY MORRIS, JR.

MORRIS FAMILY HOLDINGS LLC

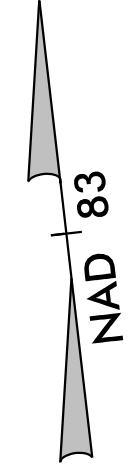
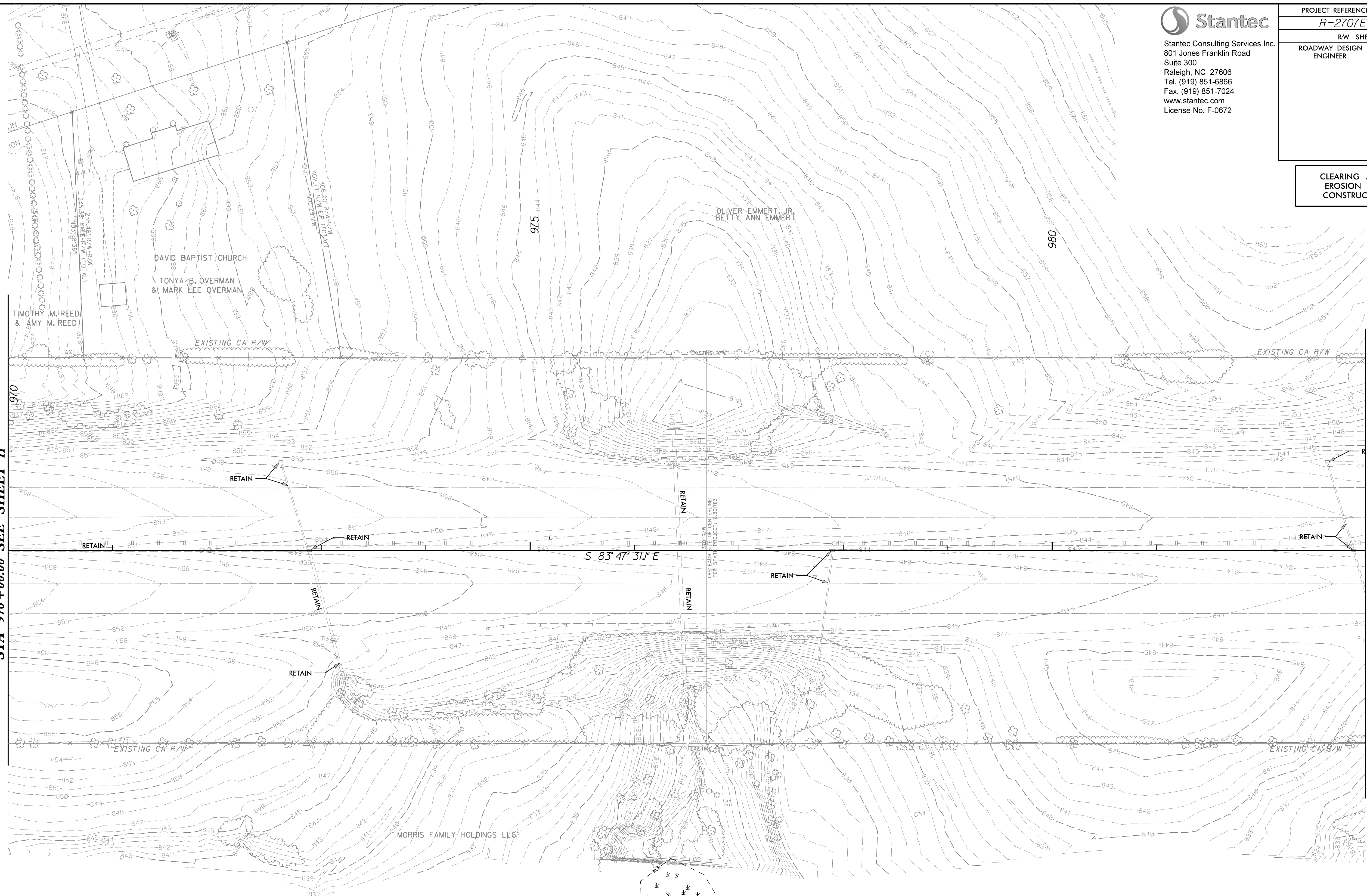
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PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-16/CONST J2</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 12

MATCHLINE -L-
 STA 970+00.00 SEE SHEET 11

MATCHLINE -L-
 STA 983+00.00 SEE SHEET 13

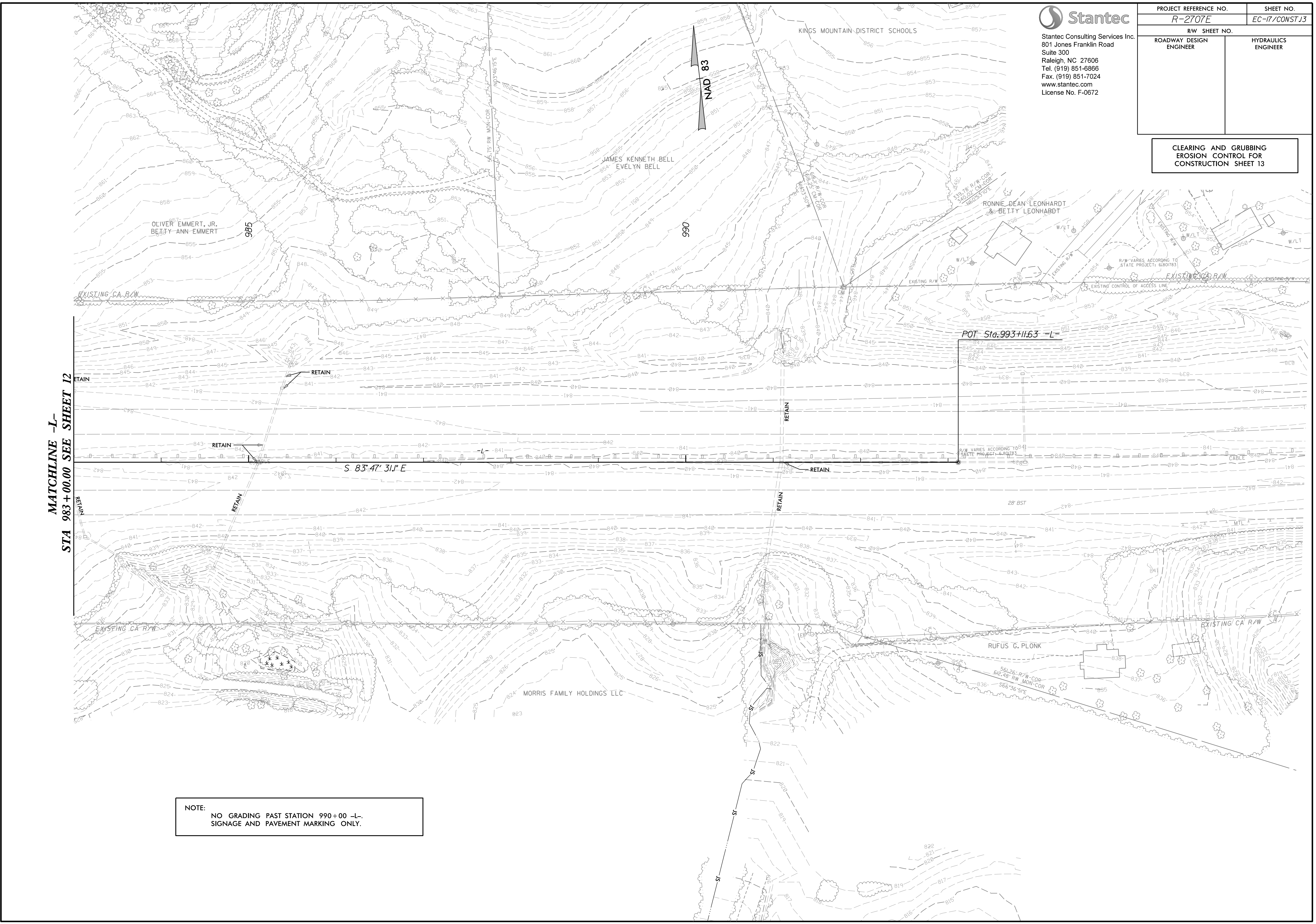


NOTE:
 NO GRADING PAST STATION 990+00 -L-
 SIGNAGE AND PAVEMENT MARKING ONLY.

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PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-17/CONST J3</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 13**



MATCHLINE -L-
 STA 983+00.00 SEE SHEET 12

NOTE:
 NO GRADING PAST STATION 990+00 -L-.
 SIGNAGE AND PAVEMENT MARKING ONLY.

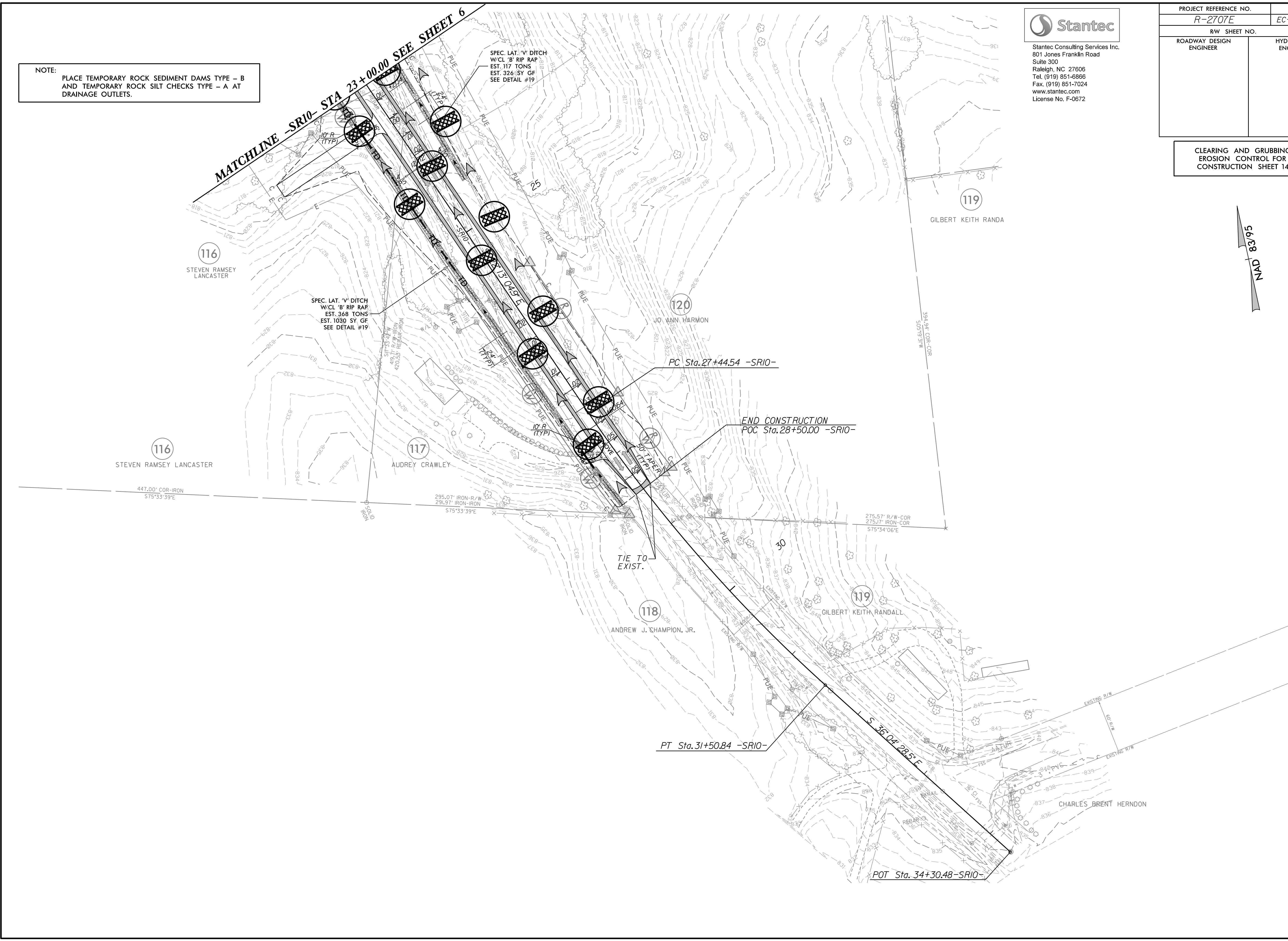
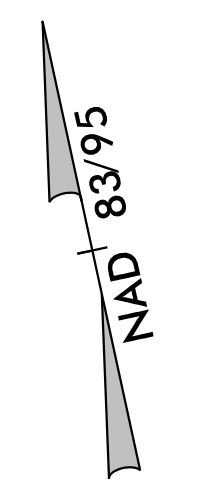
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.



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PROJECT REFERENCE NO.	SHEET NO.
R-2707E	EC-18/CONST.14
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

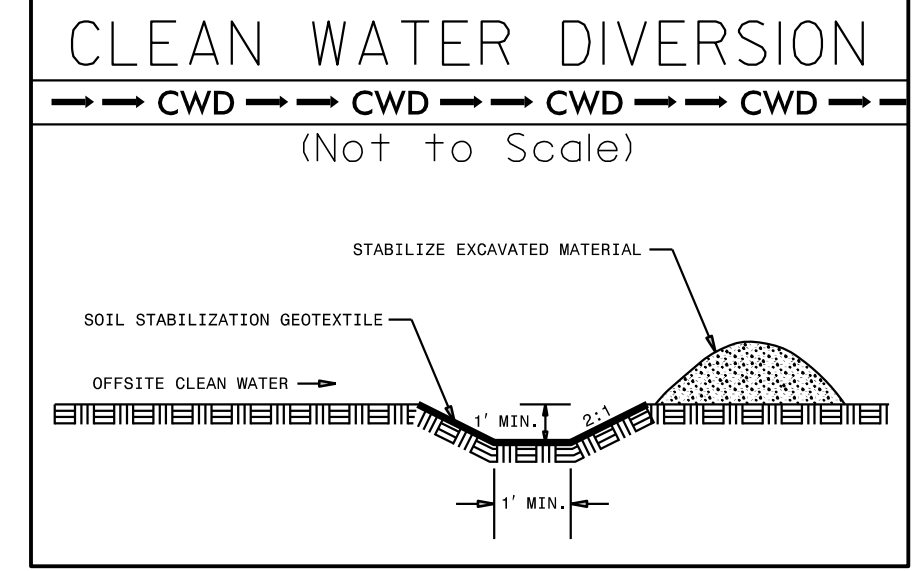
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 14



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PROJECT REFERENCE NO.	SHEET NO.
R-2707E	EC-19/CONST J5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 15



128 x 64 x 3
 2.5 inch Skimmer
 with 2.5 inch
 Orifice Diameter
 32 ft. weir
 ID 6.1

FORMERLY
 PARCEL 188
 637
 MICHAEL R. STRICKLAND
 MARY MADIGAN

LYNDA SUE HERNDON

608
 FORMERLY PARCEL 100
 LARRY RADFORD
 NICOLE H. RADFORD

102
 BRINKLEY FAMILY FARMS LLC

102
 BRINKLEY FAMILY FARMS LLC

BEGIN CONSTRUCTION
 POC Sta. 10+00.00 -Y4I-

SPEC. LAT. 2' BASE DITCH
 W/CL 'B' RIP RAP
 EST. 149 TONS
 EST. 406 SY GF
 SEE DETAIL #28

LAT. 2' BASE DITCH
 W/CL 'B' RIP RAP
 EST. 302 TONS
 EST. 820 SY GF
 SEE DETAIL #23

MATCHLINE -Y4I- STA 15+50.00 SEE SHEET 6

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

NAD 83/95

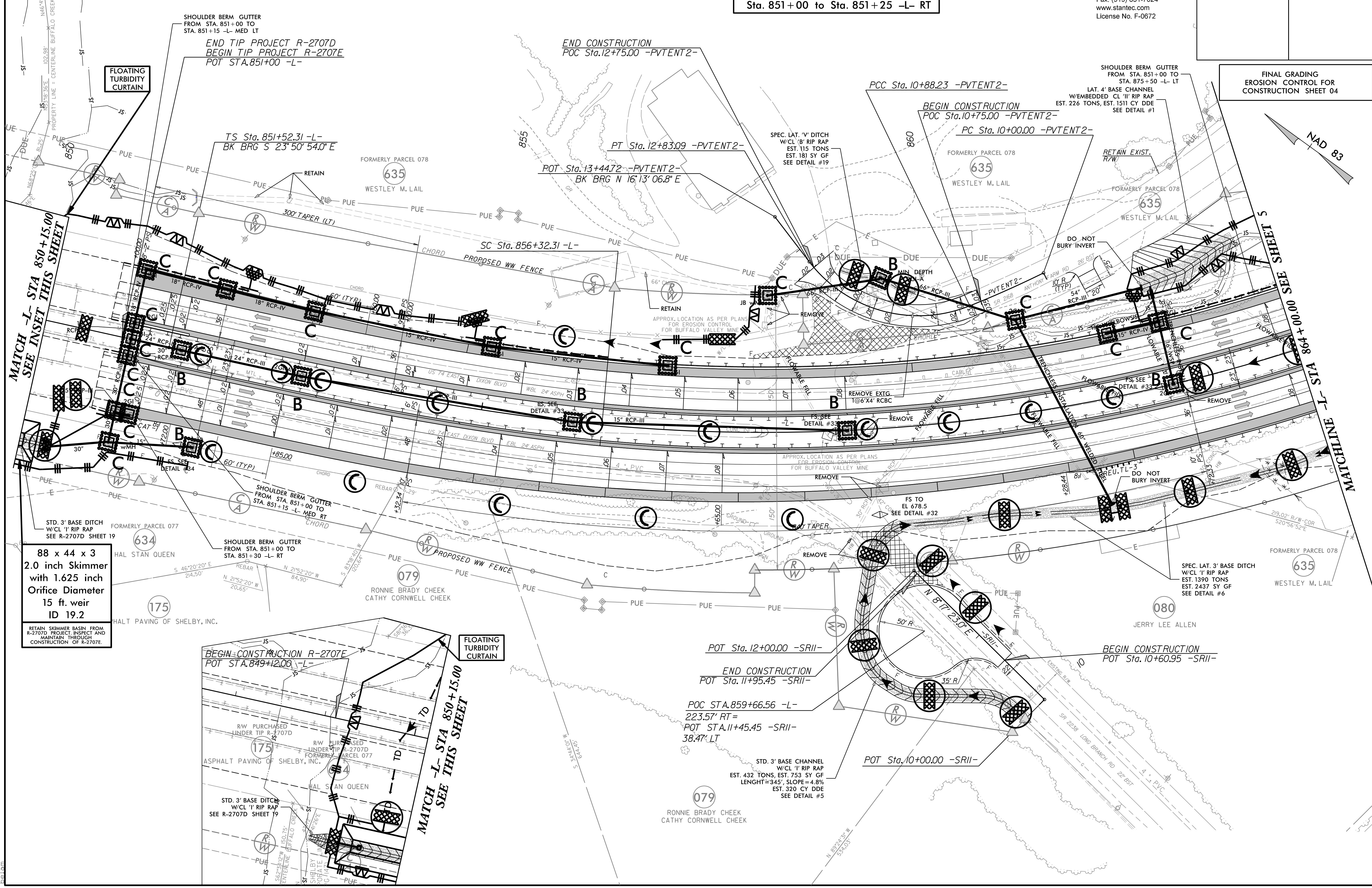
886.00'
 N75°17'26"E

PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-20/CONST.04</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

For Slopes Excavated Greater Than 10 feet
 Install Matting for Erosion Control on
 Entire Slope as Work Allows.

Place Matting for Erosion Control
 on Slope as Work Allows.
 Sta. 851+00 to Sta. 852+25 -L- LT
 Sta. 854+80 to Sta. 856+35 -L- LT
 Sta. 862+40 to Sta. 864+00 -L- LT
 Sta. 851+00 to Sta. 851+25 -L- RT

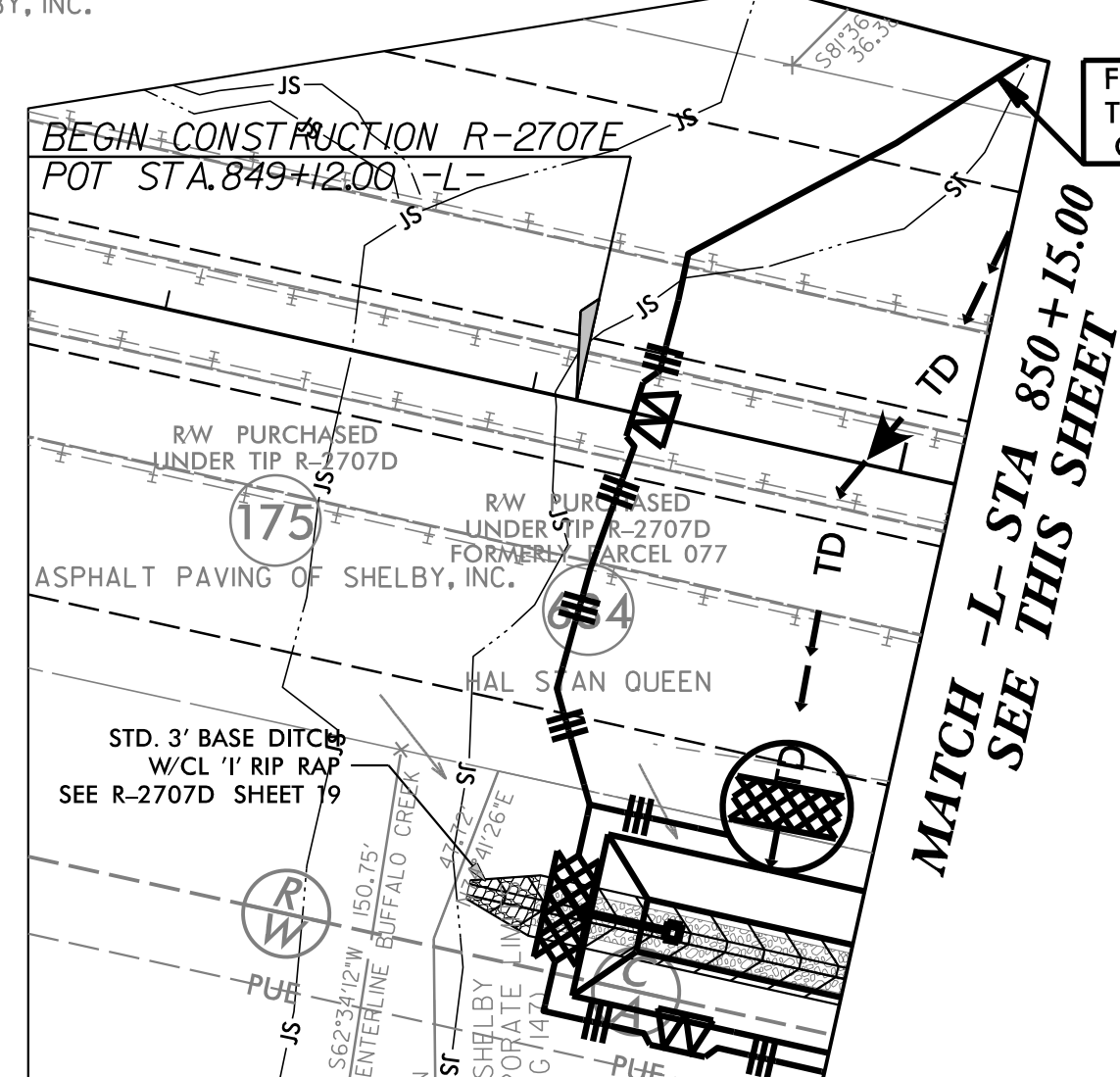
FINAL GRADING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 04



MATCH -L- STA 850+15.00
 SEE INSET THIS SHEET

MATCHLINE -L- STA 864+00.00
 SEE SHEET 5

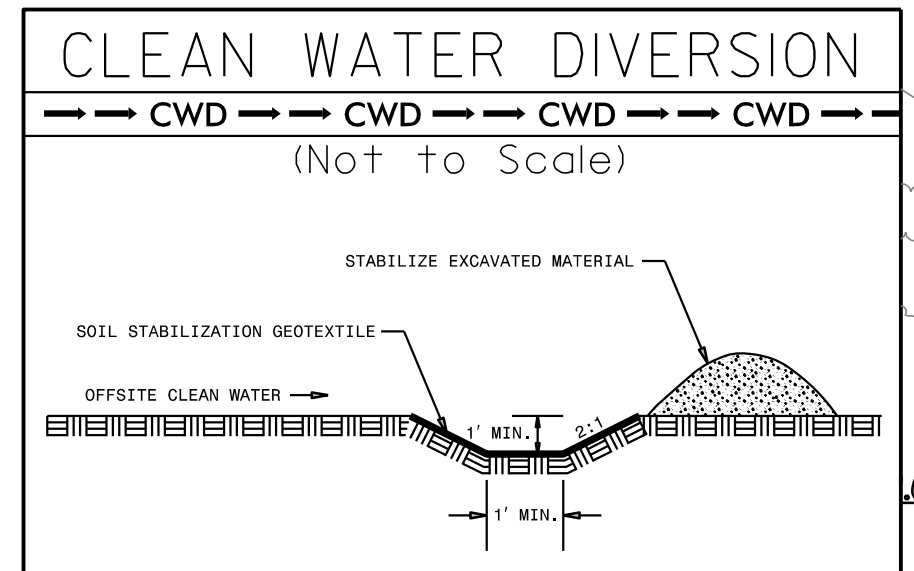
88 x 44 x 3
 2.0 inch Skimmer
 with 1.625 inch
 Orifice Diameter
 15 ft. weir
 ID 19.2
 RETAIN SKIMMER BASIN FROM
 R-2707D PROJECT, INSPECT AND
 MAINTAIN THROUGH
 CONSTRUCTION OF R-2707E.



MATCH -L- STA 850+15.00
 SEE THIS SHEET

4/27/2023
 R-2707E-EC.dsn_psh_20.Fg.dgn
 10:10 AM
 10/10/2023

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 05



74 x 25 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
14 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 5.5

Modified Silt Basin
Type 'B'
74 x 25 x 3
14 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 5.5

2@72 x 12 x 3
ID 5.6

2@68 x 12 x 3
ID 5.7

48 x 12 x 3
ID 5.8

2@72 x 12 x 3
ID 5.9

2@72 x 12 x 3
ID 5.10

200 x 35 x 3
2.5 inch Skimmer
with 2.25 inch
Orifice Diameter
26 ft. weir
ID 5.1

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 864+00 to Sta. 864+25 -L- LT
Sta. 870+70 to Sta. 875+15 -L- LT

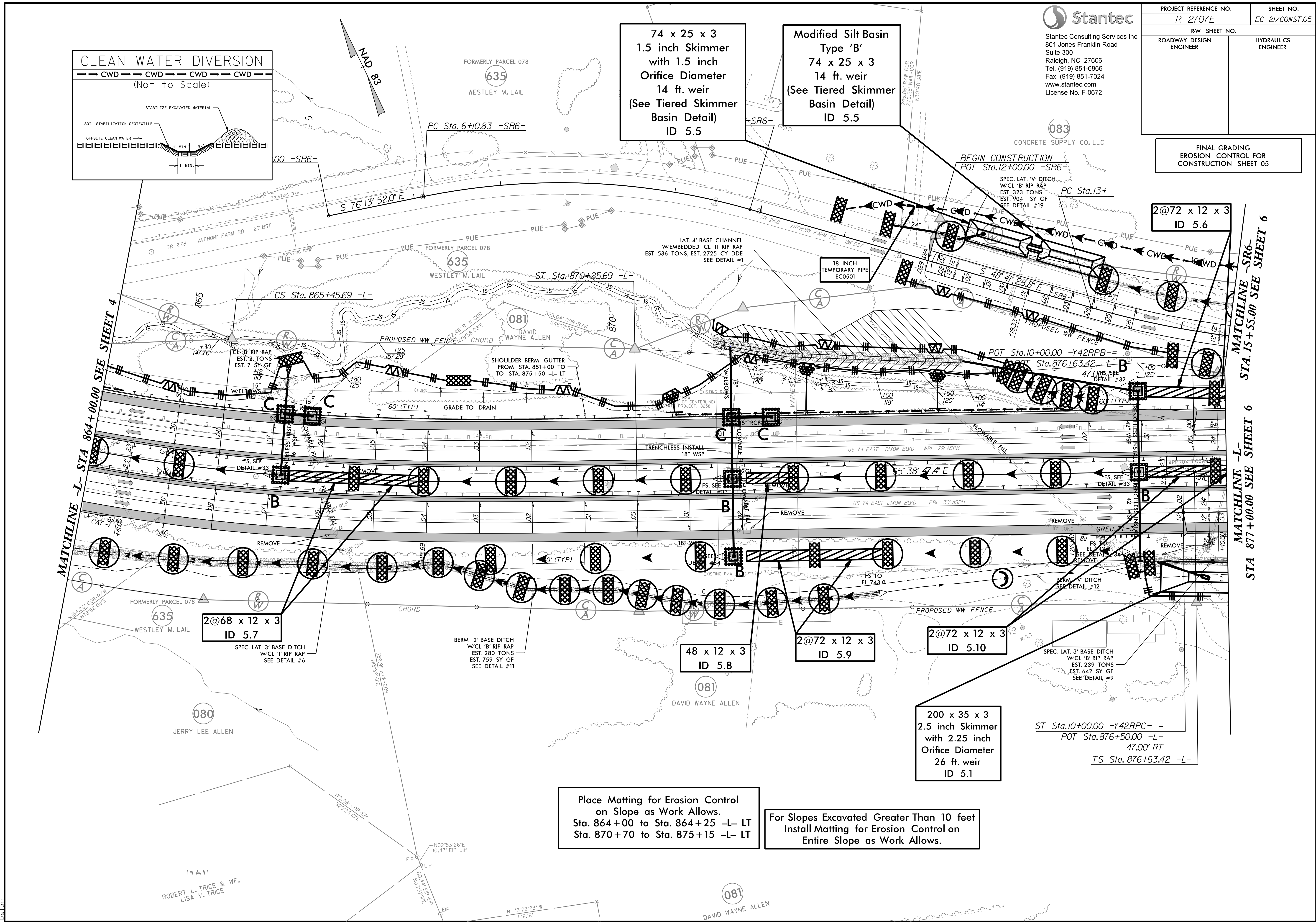
For Slopes Excavated Greater Than 10 feet
Install Matting for Erosion Control on
Entire Slope as Work Allows.

MATCHLINE -L- STA 864+00.00 SEE SHEET 4

MATCHLINE -SR6- STA. 15+55.00 SEE SHEET 6
MATCHLINE -L- STA 877+00.00 SEE SHEET 6

4/27/2023 11:27:07 AM C:\psh\21\Fg.dgn

ROBERT L. TRICE & WF.
LISA V. TRICE



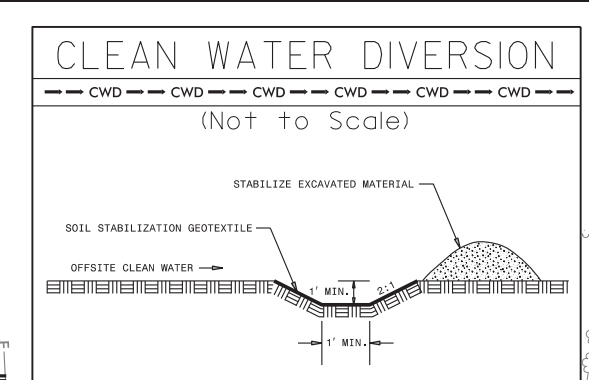
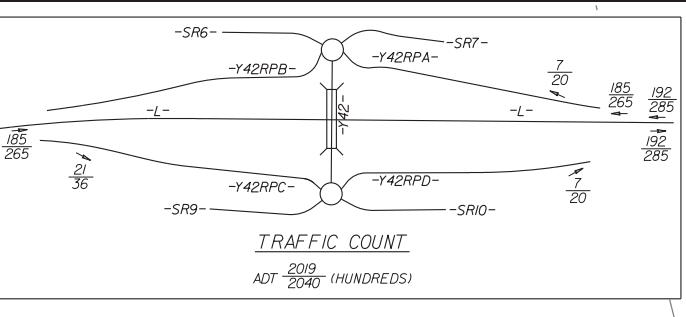
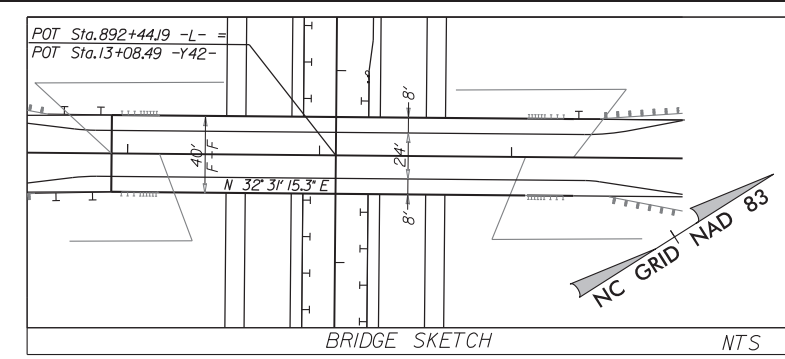
REVISIONS

S/22/19/RW REVISION NLS - UPDATED SURVEY FILE FOR PARCEL 085 TO SHOW A SINGLE PARCEL BY REMOVING THE SMALLER PARCEL WITHIN THE LARGER PROPERTY BOUNDARY. ADJUSTED PUE ON PARCEL 085 TO TCE FOR PARCEL 640.

Place Matting for Erosion Control on Slope as Work Allows.

Sta. 10+12 to Sta. 10+35 -PVENT1- LT	Sta. 21+50 to Sta. 22+50 -SR7- LT
Sta. 10+12 to Sta. 10+05 -PVENT1- RT	Sta. 13+65 to Sta. 14+50 -SR9- RT
Sta. 10+12 to Sta. 10+65 -PVENT3- LT	Sta. 16+24 to Sta. 21+59 -SR9- RT
Sta. 10+12 to Sta. 10+00 -PVENT3- RT	Sta. 10+00 to Sta. 14+35 -SR10- RT
Sta. 10+12 to Sta. 10+35 -PVENT3- LT	Sta. 12+85 to Sta. 17+40 -Y41- LT
Sta. 11+02 to Sta. 11+95 -RAB1- RT	Sta. 15+50 to Sta. 17+00 -Y41- RT
Sta. 22+55 to Sta. 23+00 -SR6- LT	Sta. 22+00 to Sta. 23+50 -Y42RPA- RT
Sta. 23+50 to Sta. 26+85 -SR6- LT	Sta. 17+75 to Sta. 17+80 -Y42RPD- LT
Sta. 27+40 to Sta. 30+12 -SR6- RT	Sta. 22+25 to Sta. 23+00 -Y42RPD- RT
Sta. 11+00 to Sta. 12+64 -SR6- LT	Sta. 10+50 to Sta. 11+85 -Y43- LT
Sta. 15+20 to Sta. 15+20 -SR7- LT	Sta. 10+50 to Sta. 12+15 -Y43- RT

For Slopes Excavated Greater Than 10 feet Install Matting for Erosion Control on Entire Slope as Work Allows.

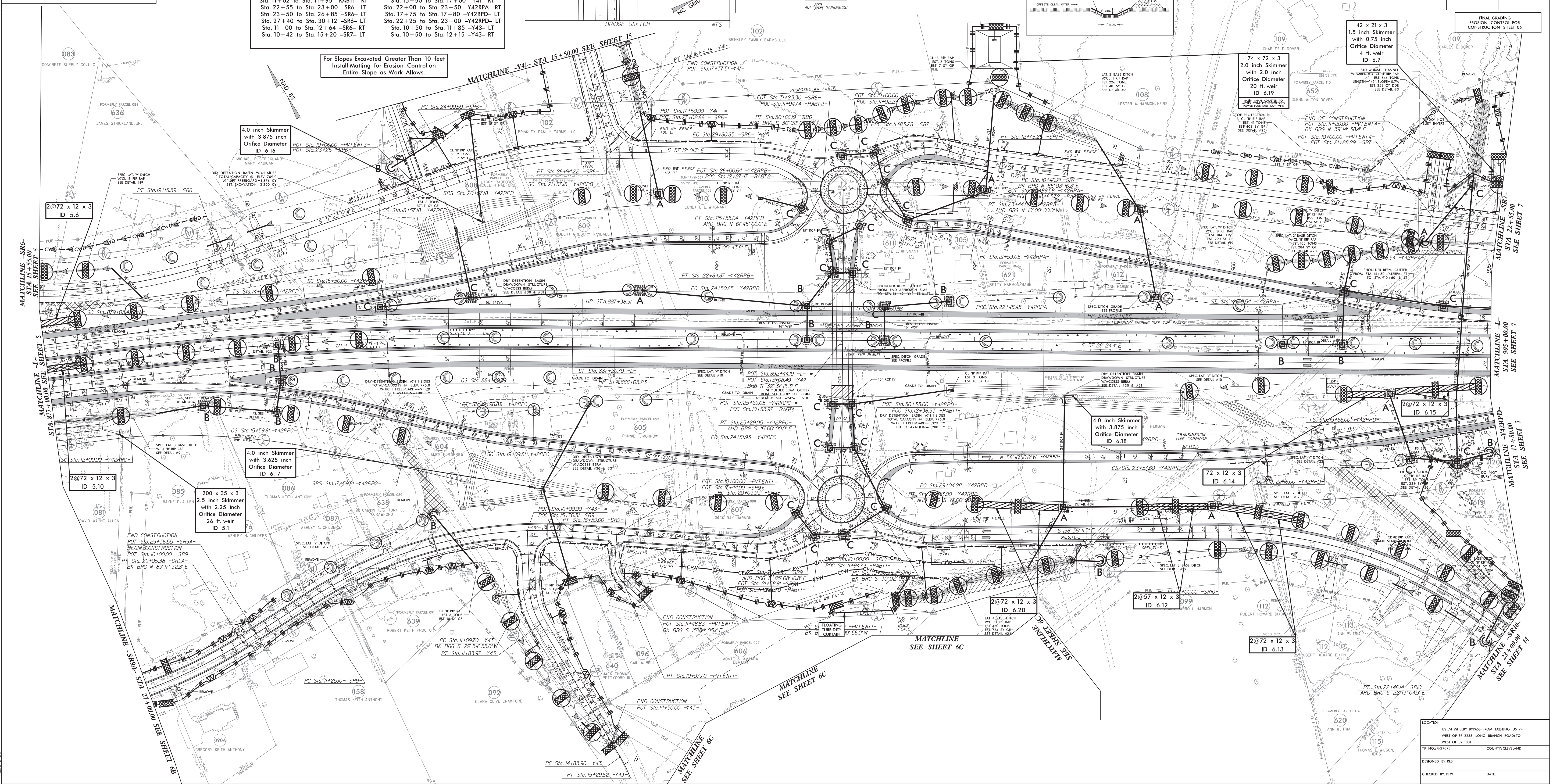


Stantec

Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel: 919.561.4886
Fax: 919.561.7024
License No. F-0672

PROJECT REFERENCE NO.: P-2707E
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER

SHEET NO.: EC-22/CONSTR



LOCATION: US 74 (SHEET BYPASS) FROM EXISTING US 74 WEST OF SR 2228 (SHEET BRANCH ROAD) TO WEST OF SR 1001

TP NO. 8-2707E COUNTY CLEVELAND

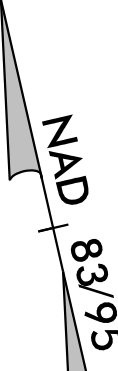
DESIGNED BY: RES
CHECKED BY: BLW
DATE:

RONNIE BRADY CHEEK
CATHY CORNWELL CHEEK

**For Slopes Excavated Greater Than 10 feet
Install Matting for Erosion Control on
Entire Slope as Work Allows.**

079
RONNIE BRADY CHEEK
CATHY CORNWELL CHEEK

Stantec
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PROJECT REFERENCE NO. R-2707E	SHEET NO. EC-23/CONST.06A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 06A

S 62°44'27"E
579.18'

S 88°36'51"E
197.33'

PC Sta. 10+81.58 -SR9A-
BK BRG N 82°45'23.4" E
POT Sta. 10+00.00 -SR9A-

ASPHALT PAVING OF SHELBY, INC.

161
ROBERT L. TRICE & WF.
LISA V. TRICE

BEGIN CONSTRUCTION
POT Sta. 10+18.26 -SR9A-

162
ASPHALT PAVING
OF SHELBY, INC.

ASHLEY PAUL DOVER

159
PAUL H. DOVER & RACHEL H. DOVER
REVOCABLE LIVING TRUST

MATCH SHEET NO. 6B STA. 15+00 -SR9A-

PT Sta. 12+86.53 -SR9A-

LINE ROADWAY DITCH
W/CL 'B' RIP RAP
EST. 539 TONS
EST. 1509 SY GF
SEE DETAIL #25

17.73' R/W-COR
S23°53'35"W

351.45' COR-EIP
S62°48'14"E

2:5 TL

30W1558
607-80-107817

546.15' R/W-COR
576.43' NAIL-COR
S81°5'02"E

161
ROBERT L. TRICE & WF.
LISA V. TRICE

160
JERRY LEE ALLEN

081
DAVID WAYNE ALLEN

159
PAUL H. DOVER & RACHEL H. DOVER
REVOCABLE LIVING TRUST

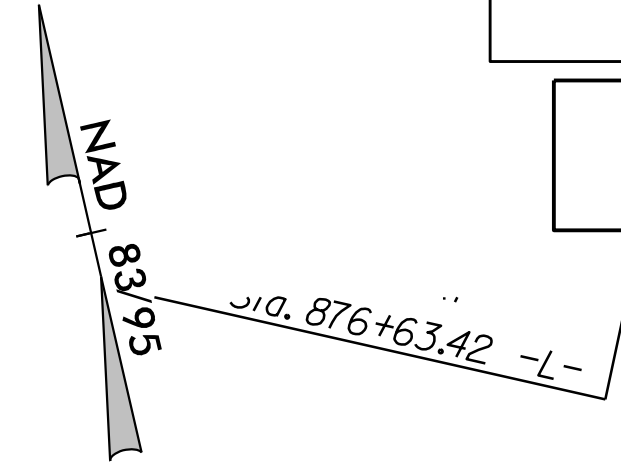
158
THOMAS KEITH ANTHONY



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PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-24/CONST.06B</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

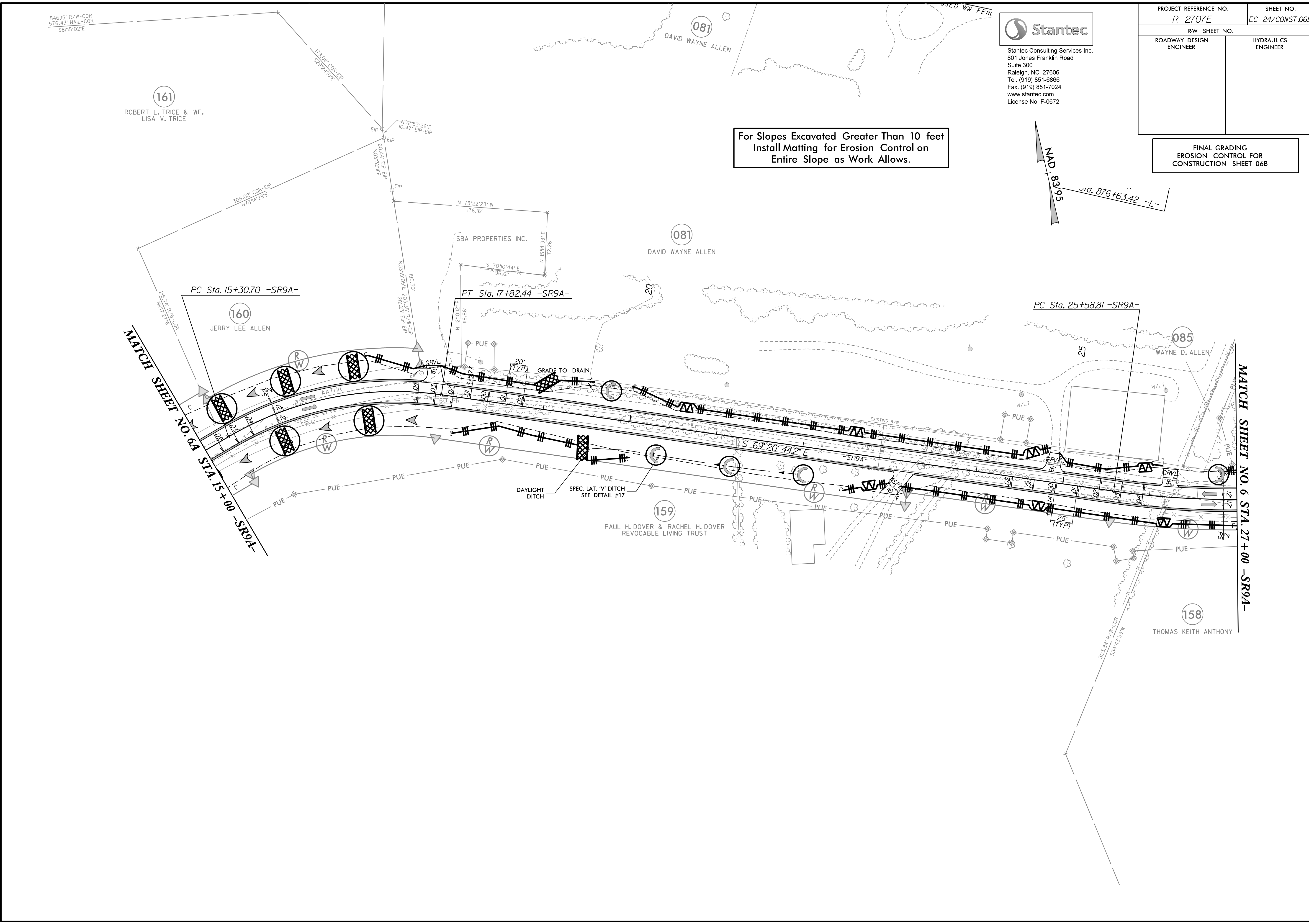
For Slopes Excavated Greater Than 10 feet
Install Matting for Erosion Control on
Entire Slope as Work Allows.



FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 06B

MATCH SHEET NO. 6A
STA. 15+00 -SR9A-

MATCH SHEET NO. 6 STA. 27+00 -SR9A-

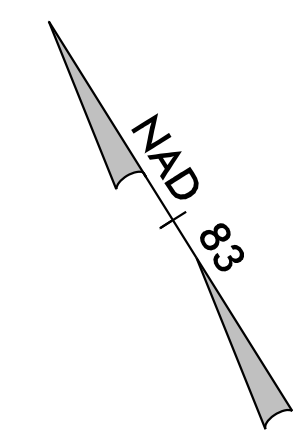
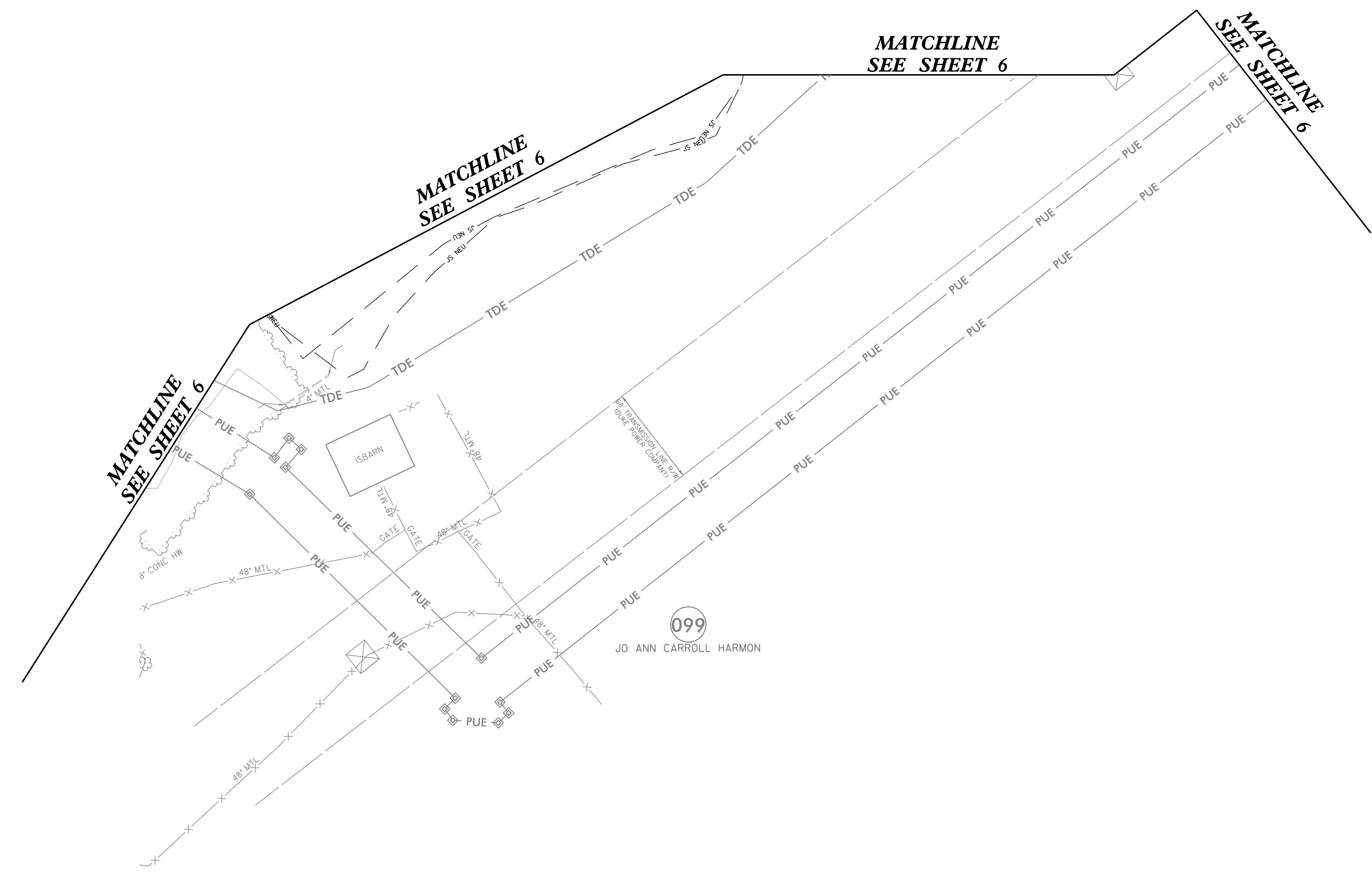




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PROJECT REFERENCE NO.	SHEET NO.
R-2707E	EC-25/CONST.06C
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 06C



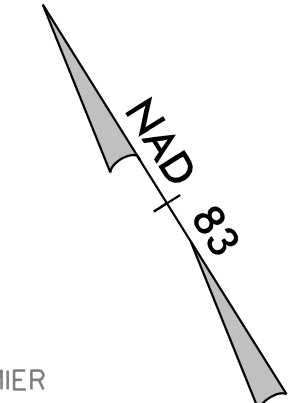
099
 JO ANN CARROLL HARMON



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PROJECT REFERENCE NO. <i>R-2707E</i>		SHEET NO. <i>EC-26/CONST.06D</i>
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	

FINAL GRADING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 06D



178
 JAMES E. HOFFMIER

177
 STEPHEN L. WHITE

GEORGE B. PEELER, JR.

CONSERVATION AREA

CONSERVATION AREA

FORMERLY PARCEL 135
 646
 CATHY S. COWAN
 HUNTWOOD TRUST

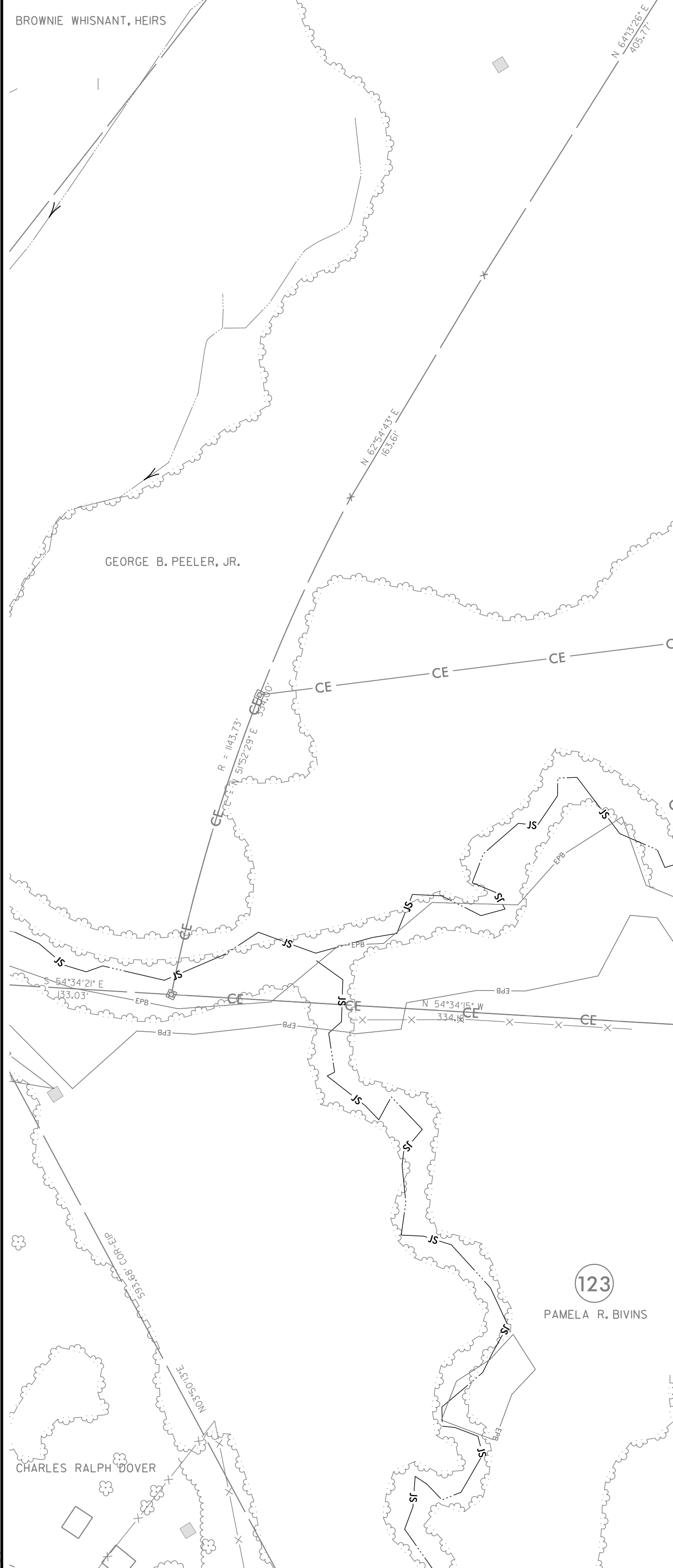
FORMERLY PARCEL 135
 646
 CATHY S. COWAN
 HUNTWOOD TRUST

123
 PAMELA R. BIVINS

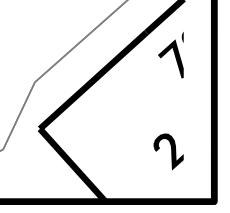
FORMERLY PARCEL 126
 641
 KENNETH B. RANDALL

FORMERLY PARCEL 126
 641
 KENNETH B. RANDALL

FORMERLY PARCEL 12
 642
 JACK WILLIAMS

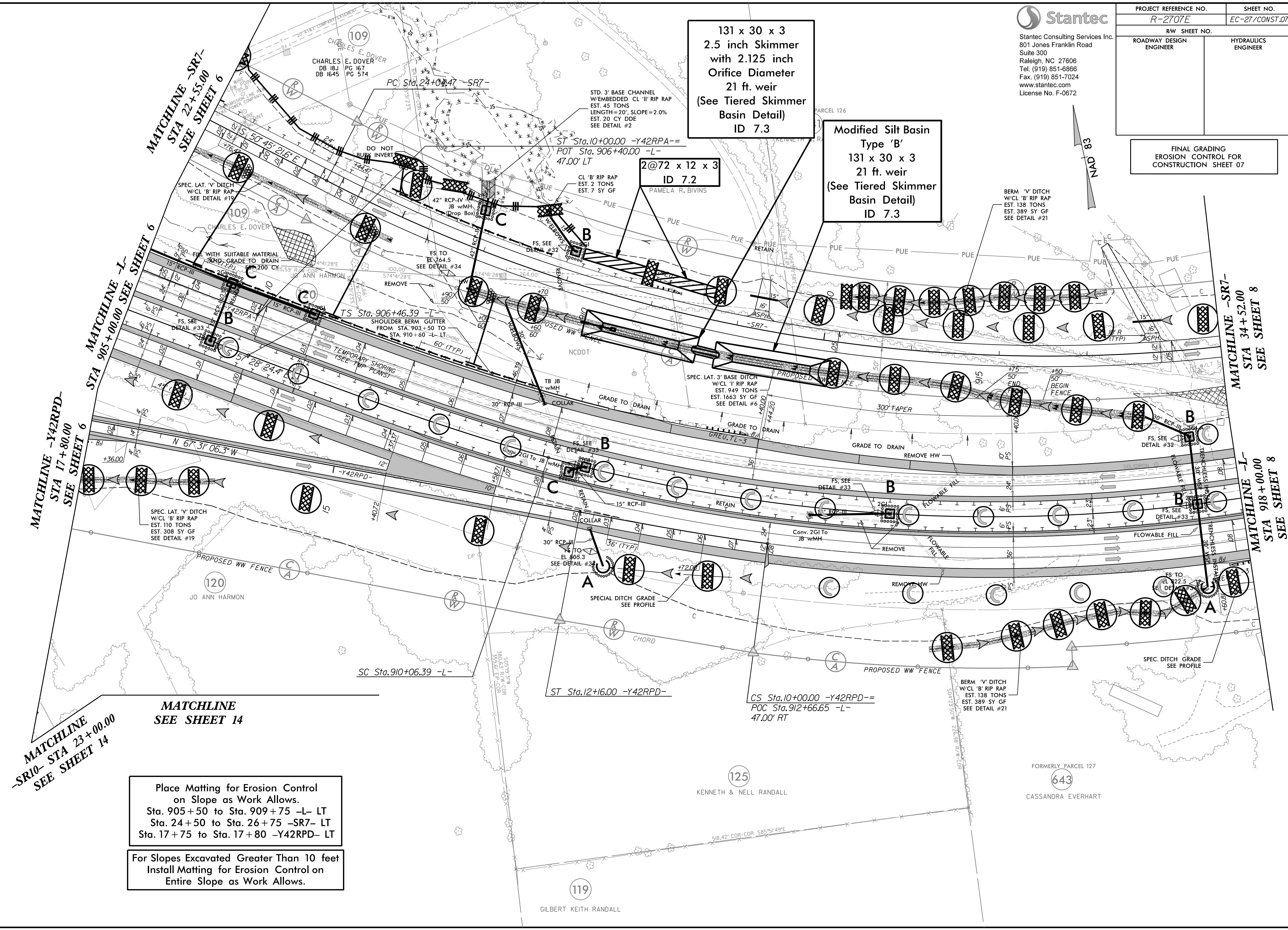


2/27/2023
 R2707E.ec.dsn_psh_26_fg.dgn
 mcdonalds



PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>EC-27/CONST.07</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 07



131 x 30 x 3
 2.5 inch Skimmer
 with 2.125 inch
 Orifice Diameter
 21 ft. weir
 (See Tiered Skimmer
 Basin Detail)
 ID 7.3

Modified Silt Basin
 Type 'B'
 131 x 30 x 3
 21 ft. weir
 (See Tiered Skimmer
 Basin Detail)
 ID 7.3

2@72 x 12 x 3
 ID 7.2

Place Matting for Erosion Control
 on Slope as Work Allows.
 Sta. 905+50 to Sta. 909+75 -L- LT
 Sta. 24+50 to Sta. 26+75 -SR7- LT
 Sta. 17+75 to Sta. 17+80 -Y42RPD- LT

For Slopes Excavated Greater Than 10 feet
 Install Matting for Erosion Control on
 Entire Slope as Work Allows.

MATCHLINE
 -SR10- STA 23+00.00
 SEE SHEET 14

MATCHLINE
 SEE SHEET 14

MATCHLINE -Y42RPD-
 STA 17+80.00
 SEE SHEET 6

MATCHLINE -L-
 STA 905+00.00
 SEE SHEET 6

MATCHLINE -SR7-
 STA 22+55.00
 SEE SHEET 6

MATCHLINE -SR7-
 STA 34+52.00
 SEE SHEET 8

MATCHLINE -L-
 STA 918+00.00
 SEE SHEET 8

PROJECT REFERENCE NO. R-2707E	SHEET NO. EC-28/CONST.08
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

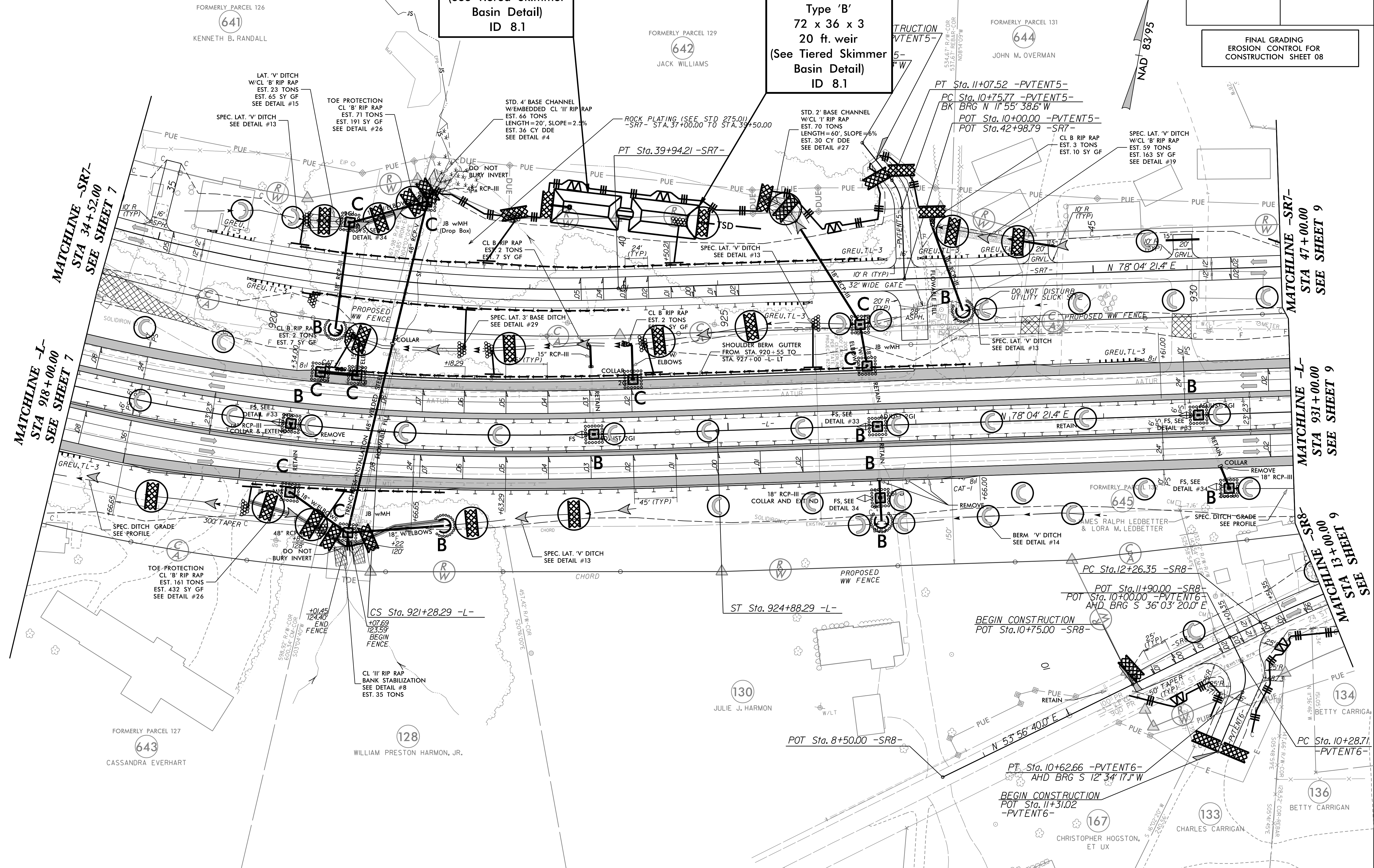
FINAL GRADING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 08

Place Matting for Erosion Control
 on Slope as Work Allows.
 Sta. 920+75 to Sta. 927+60 -L- LT
 Sta. 920+00 to Sta. 922+00 -L- RT
 Sta. 36+50 to Sta. 42+50 -SR7- LT
 Sta. 70+40 to Sta. 71+70 -SR7- RT

72 x 36 x 3
 2.0 inch Skimmer
 with 1.625 inch
 Orifice Diameter
 20 ft. weir
 (See Tiered Skimmer
 Basin Detail)
 ID 8.1

For Slopes Excavated Greater Than 10 feet
 Install Matting for Erosion Control on
 Entire Slope as Work Allows.

Modified Silt Basin
 Type 'B'
 72 x 36 x 3
 20 ft. weir
 (See Tiered Skimmer
 Basin Detail)
 ID 8.1



MATCHLINE -SR7-
 STA 34+52.00
 SEE SHEET 7

MATCHLINE -L-
 STA 918+00.00
 SEE SHEET 7

MATCHLINE -SR7-
 STA 47+00.00
 SEE SHEET 9

MATCHLINE -L-
 STA 931+00.00
 SEE SHEET 9

MATCHLINE -SR8-
 STA 13+00.00
 SEE SHEET 9

FORMERLY PARCEL 127
 643
 CASSANDRA EVERHART

128
 WILLIAM PRESTON HARMON, JR.

130
 JULIE J. HARMON

167
 CHRISTOPHER HOGSTON,
 ET UX

133
 CHARLES CARRIGAN

136
 BETTY CARRIGAN