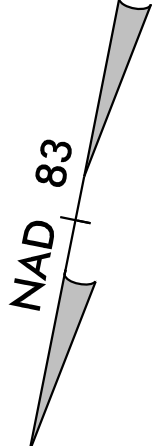
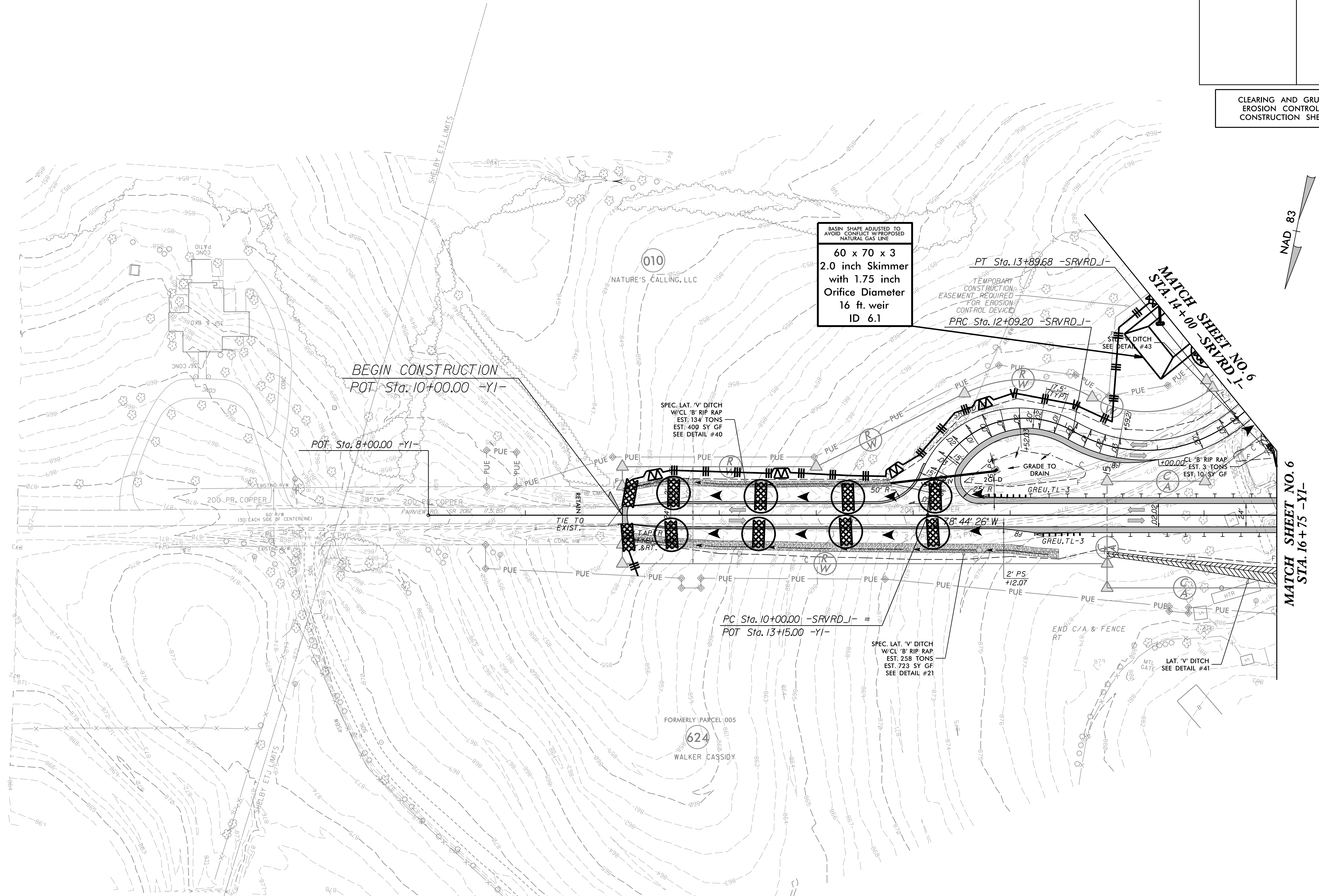


NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

PROJECT REFERENCE NO. <i>R-2707D</i>	SHEET NO. <i>EC-25/CONST.20</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

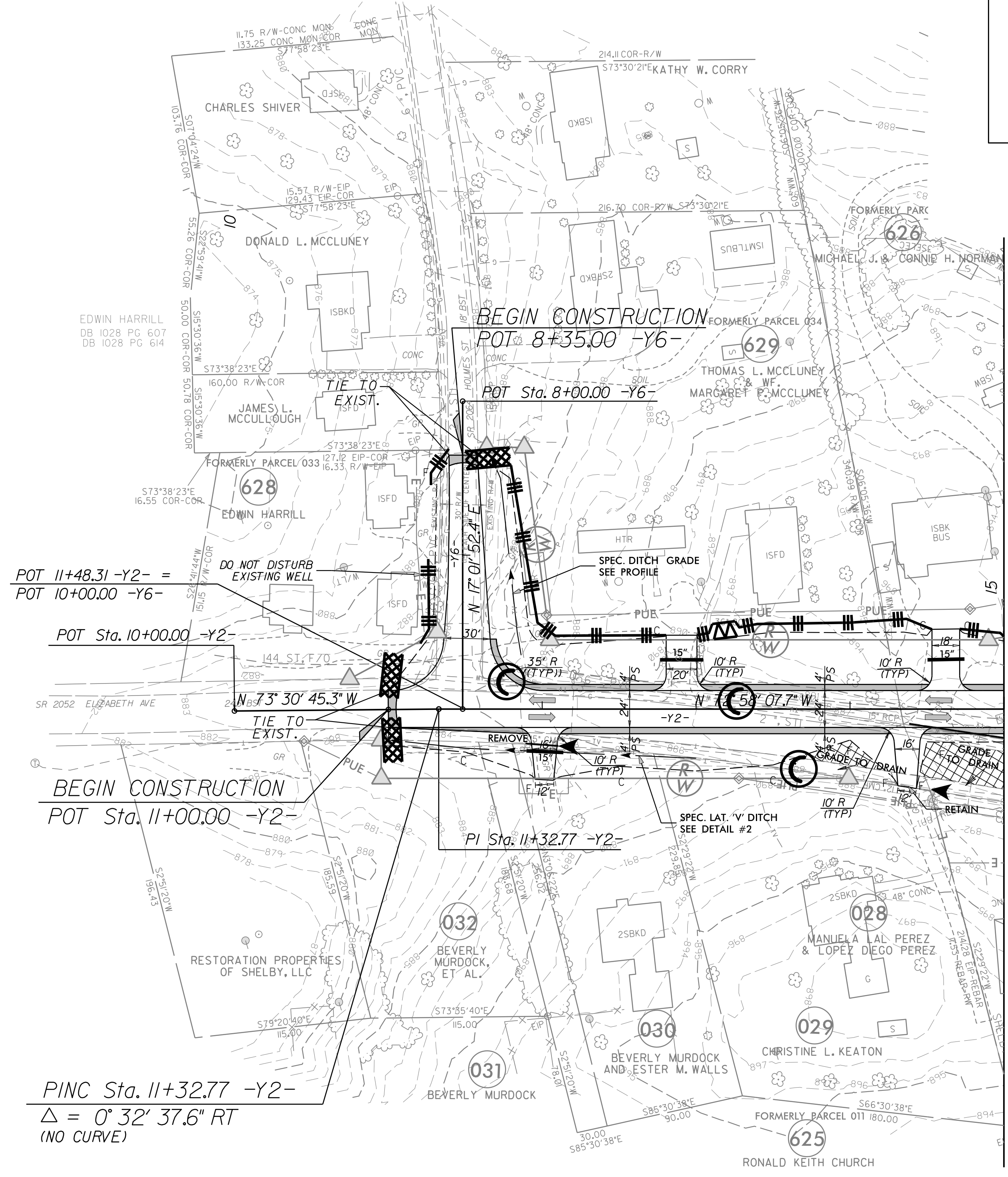
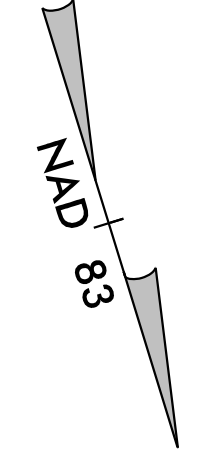
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 20



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

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-27/CONST.22
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 22



POT 11+48.31 -Y2- =
POT 10+00.00 -Y6-

POT Sta. 10+00.00 -Y2-

BEGIN CONSTRUCTION
POT Sta. 11+00.00 -Y2-

PI Sta. 11+32.77 -Y2-

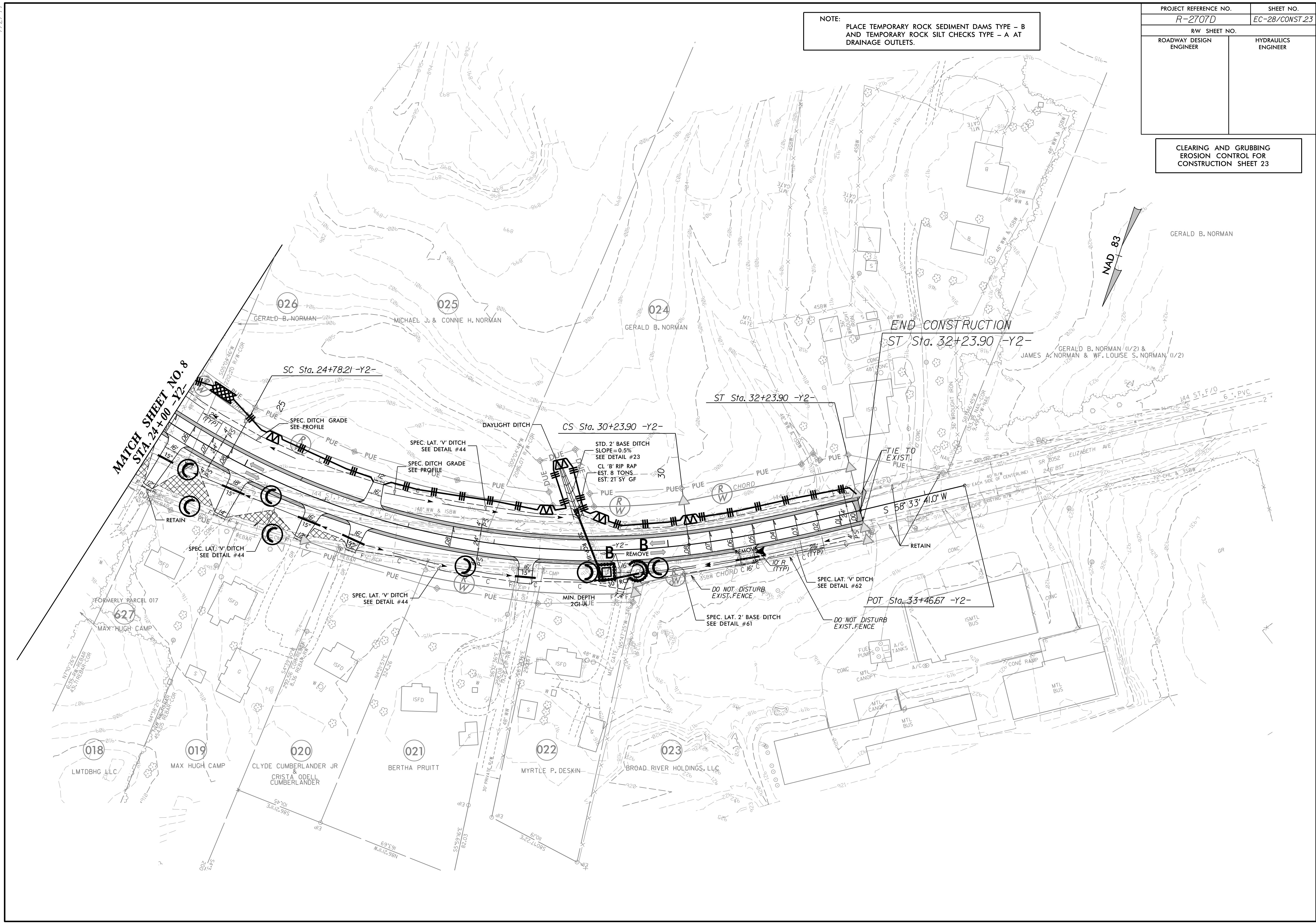
PINC Sta. 11+32.77 -Y2-
 $\Delta = 0^{\circ} 32' 37.6" RT$
(NO CURVE)

MATCH SHEET NO. 8 STA. 15 + 00 -Y2-

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

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-28/CONST.23
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

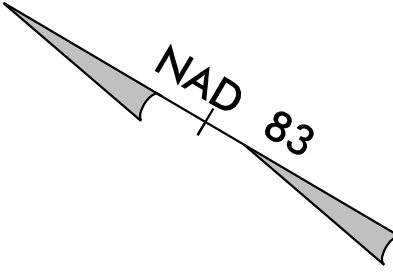
CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 23



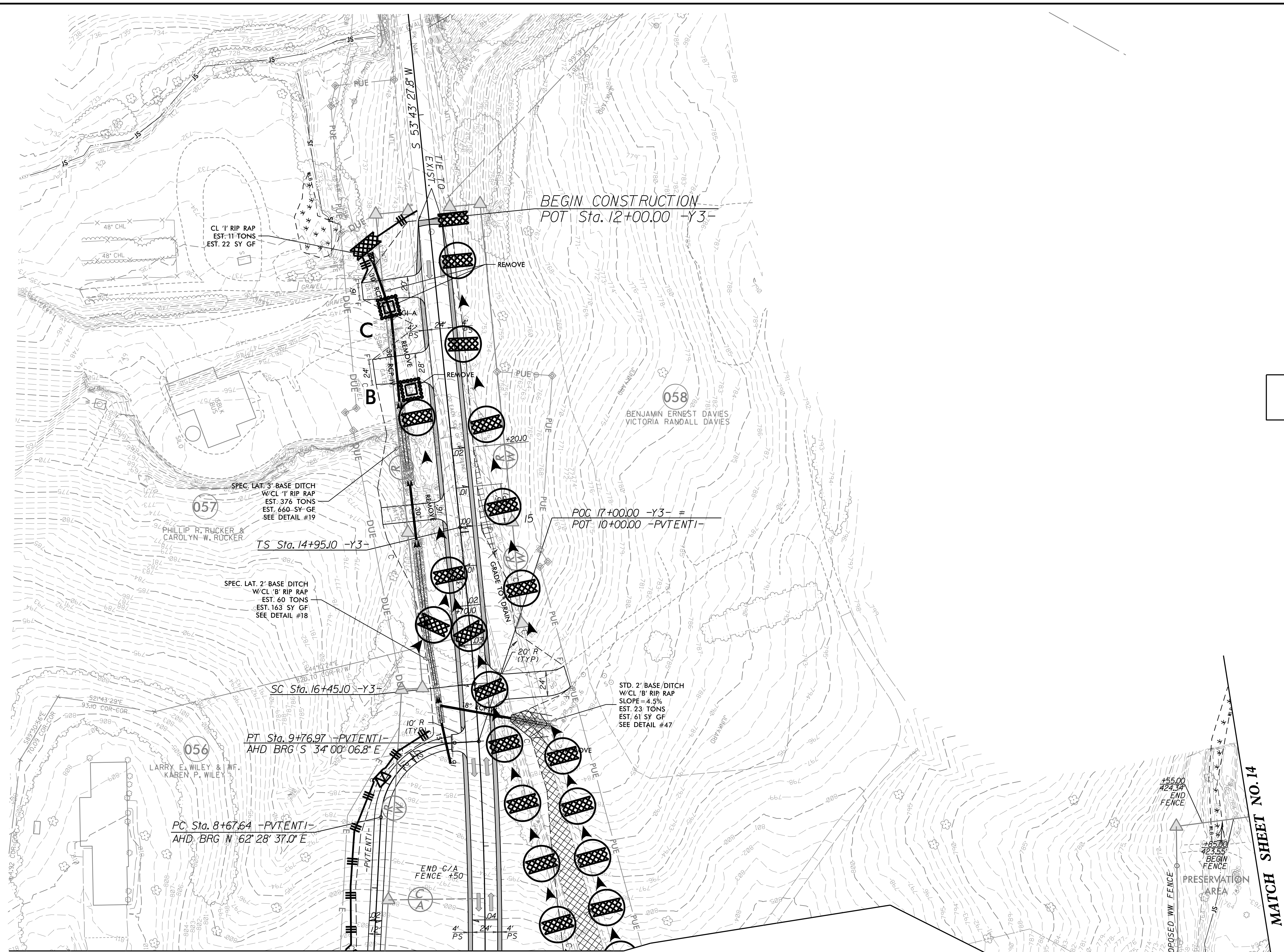
7/27/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-29/CONST.24
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 24



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



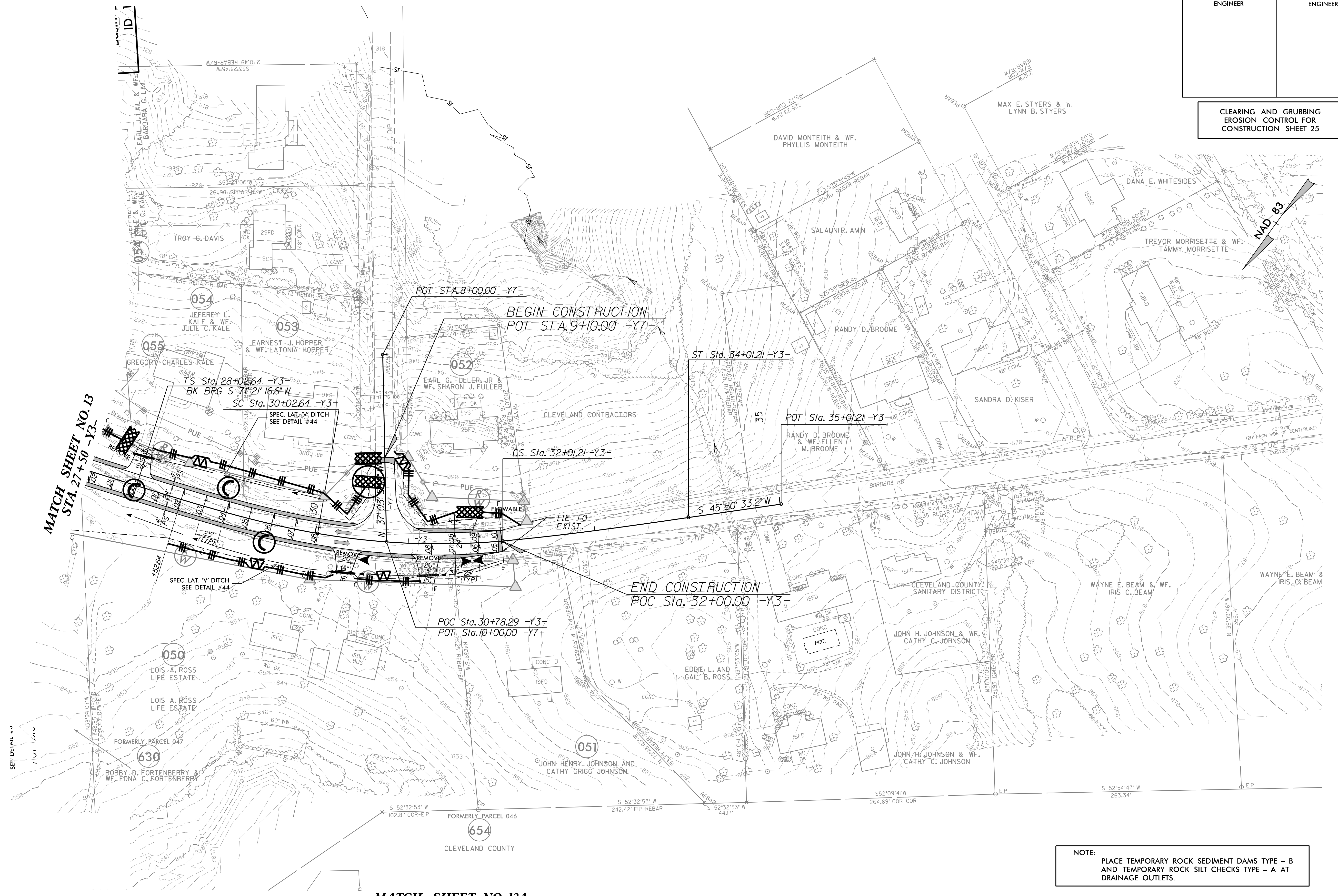
MATCH SHEET NO. 13 MATCH SHEET NO. 13
STA. 7+39.96 -PVTENT1- STA. 19+00 -Y3-

MATCH SHEET NO. 14
MATCH SHEET NO. 13

7/22/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-30/CONST.25
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 25



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

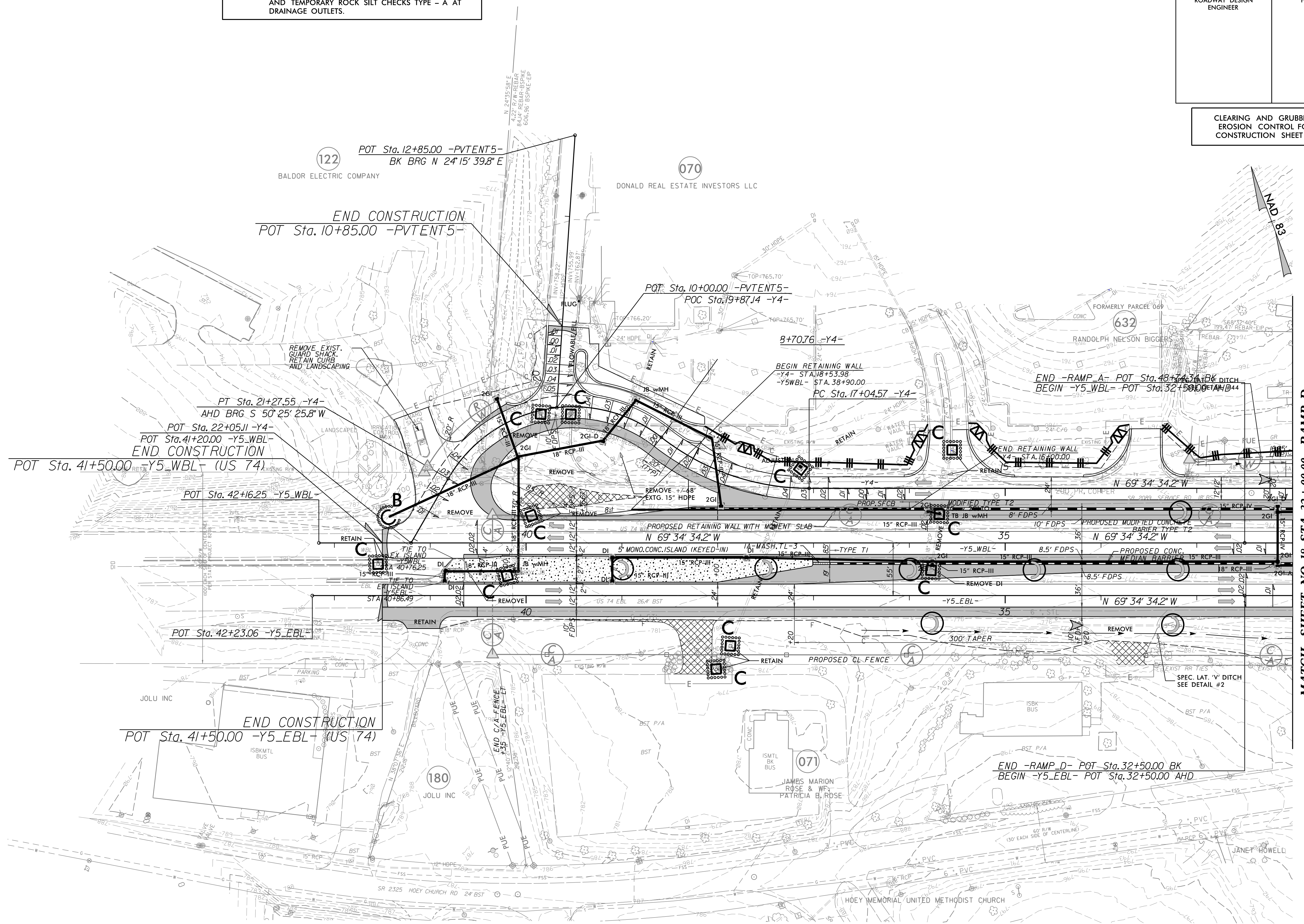
MATCH SHEET NO. 12A

7/27/99

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

PROJECT REFERENCE NO. <i>R-2707D</i>	SHEET NO. <i>EC-31/CONST.26</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 26

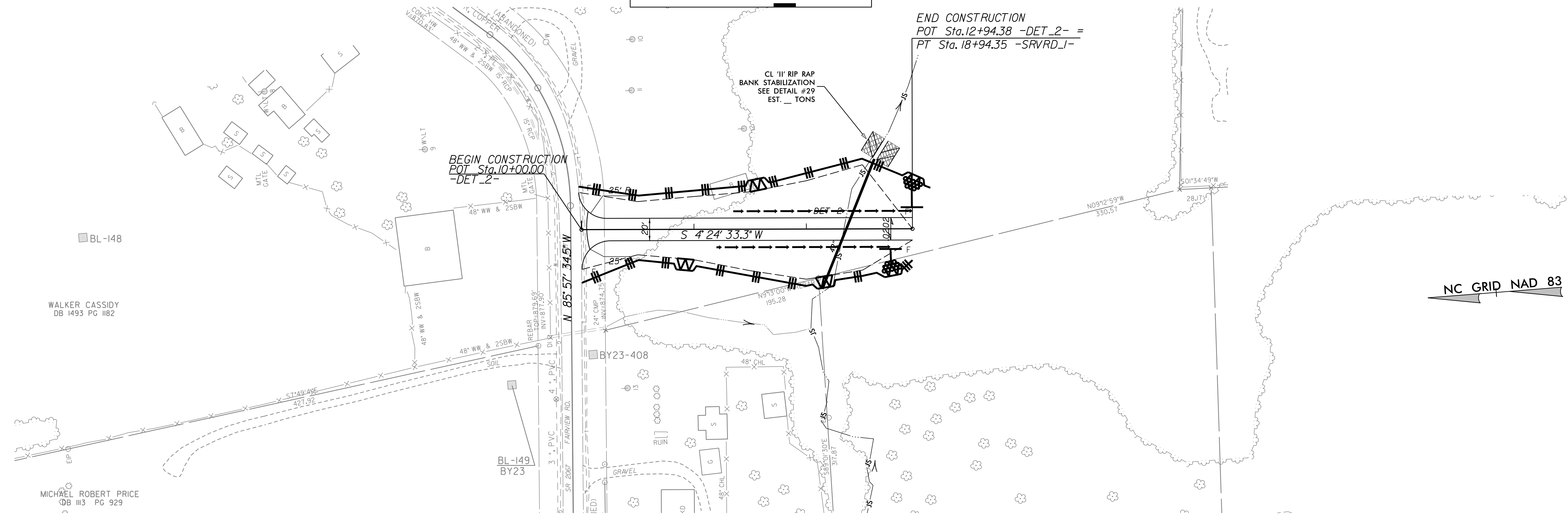


MATCH SHEET NO. 18 STA. 32 + 00.00 - RAMP D
MATCH SHEET NO. 18 STA. 48 + 24.34 - RAMP A
MATCH SHEET NO. 18 STA. 12 + 00.00 - Y4

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-32/CONST.2B-1
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 11+35 to Sta. 12+95 -DET2- LT
Sta. 11+20 to Sta. 12+75 -DET2- RT

-DET 2-



BL-148
WALKER CASSIDY
DB 1493 PG 1182

MICHAEL ROBERT PRICE
DB 1113 PG 929

BL-149
BY23

BY23-408

NC GRID NAD 83

7/27/99

PROJECT REFERENCE NO.		SHEET NO.	
R-2707D		EC-33/CONST.04	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 04

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 636+50 to Sta. 643+00 -L- LT
Sta. 642+50 to Sta. 643+00 -L- RT

Utilize Dry Detention
Basin as Skimmer Basin
During Construction

DRY DETENTION BASIN W/3:1 SIDES
TOTAL CAPACITY @ ELEV. 859.0
W/1.0FT FREEBOARD=2,310 CY

DRY DETENTION/HAZARDOUS SPILL
BASIN DRAWDOWN STRUCTURE
W/ACCESS BERM
SEE DETAIL #31 & #33

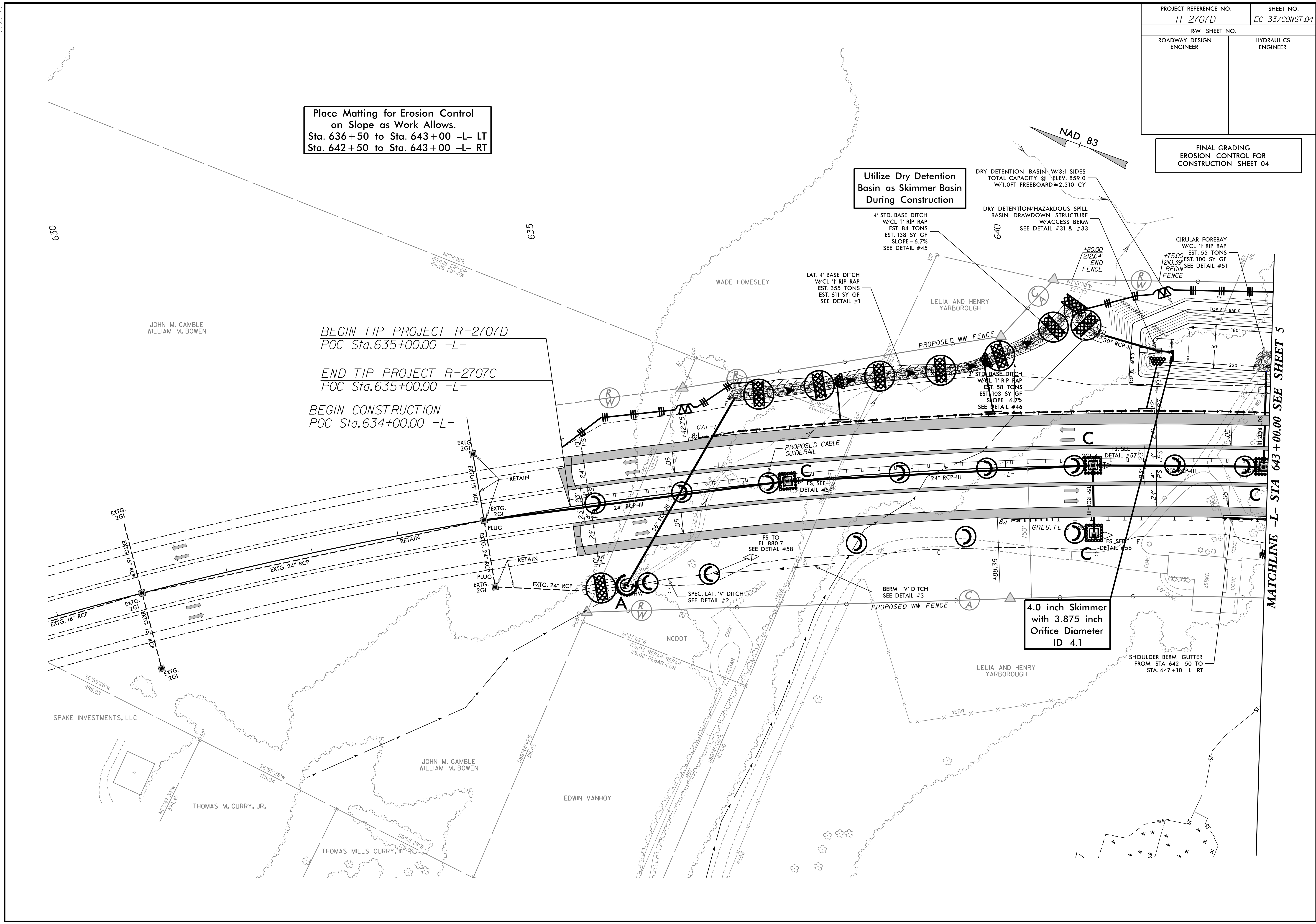
CIRULAR FOREBAY
W/CL '1' RIP RAP
EST. 55 TONS
EST. 100 SY GF
SEE DETAIL #51
BEGIN FENCE

BEGIN TIP PROJECT R-2707D
POC Sta.635+00.00 -L-

END TIP PROJECT R-2707C
POC Sta.635+00.00 -L-

BEGIN CONSTRUCTION
POC Sta.634+00.00 -L-

4.0 inch Skimmer
with 3.875 inch
Orifice Diameter
ID 4.1



MATCHLINE -L- STA 643+00.00 SEE SHEET 5

7/27/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-34/CONST.05
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 05

Modified Silt Basin
Type 'B'
49 x 24 x 3
9 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 5.1

49 x 24 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
9 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 5.1

46 x 24 x 3
1.5 inch Skimmer
with 1.125 inch
Orifice Diameter
8 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 5.2

Modified Silt Basin
Type 'B'
46 x 24 x 3
8 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 5.2

50 x 35 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
7 ft. weir
ID 5.3

40 x 20 x 3
1.5 inch Skimmer
with 0.75 inch
Orifice Diameter
4 ft. weir
ID 5.5

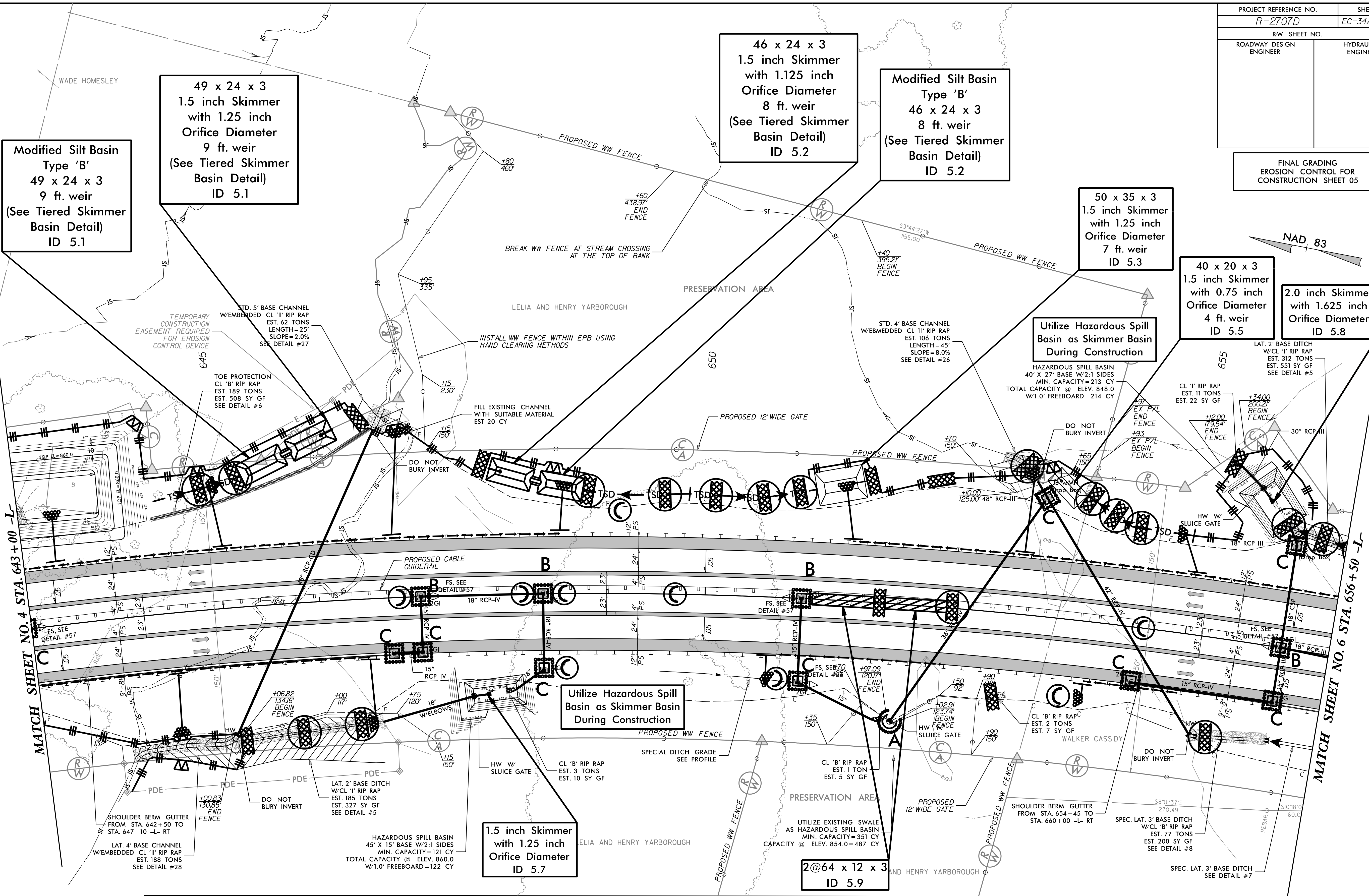
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
ID 5.8

Utilize Hazardous Spill
Basin as Skimmer Basin
During Construction

Utilize Hazardous Spill
Basin as Skimmer Basin
During Construction

1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
ID 5.7

2@64 x 12 x 3
ID 5.9



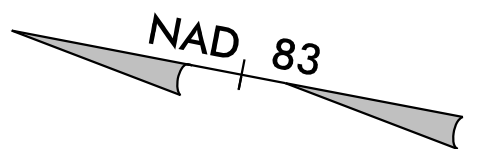
Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 643+00 to Sta. 648+50 -L- LT
Sta. 651+50 to Sta. 656+50 -L- LT
Sta. 643+00 to Sta. 646+50 -L- RT
Sta. 651+50 to Sta. 652+50 -L- RT
Sta. 654+00 to Sta. 655+00 -L- RT

MATCH SHEET NO. 5A

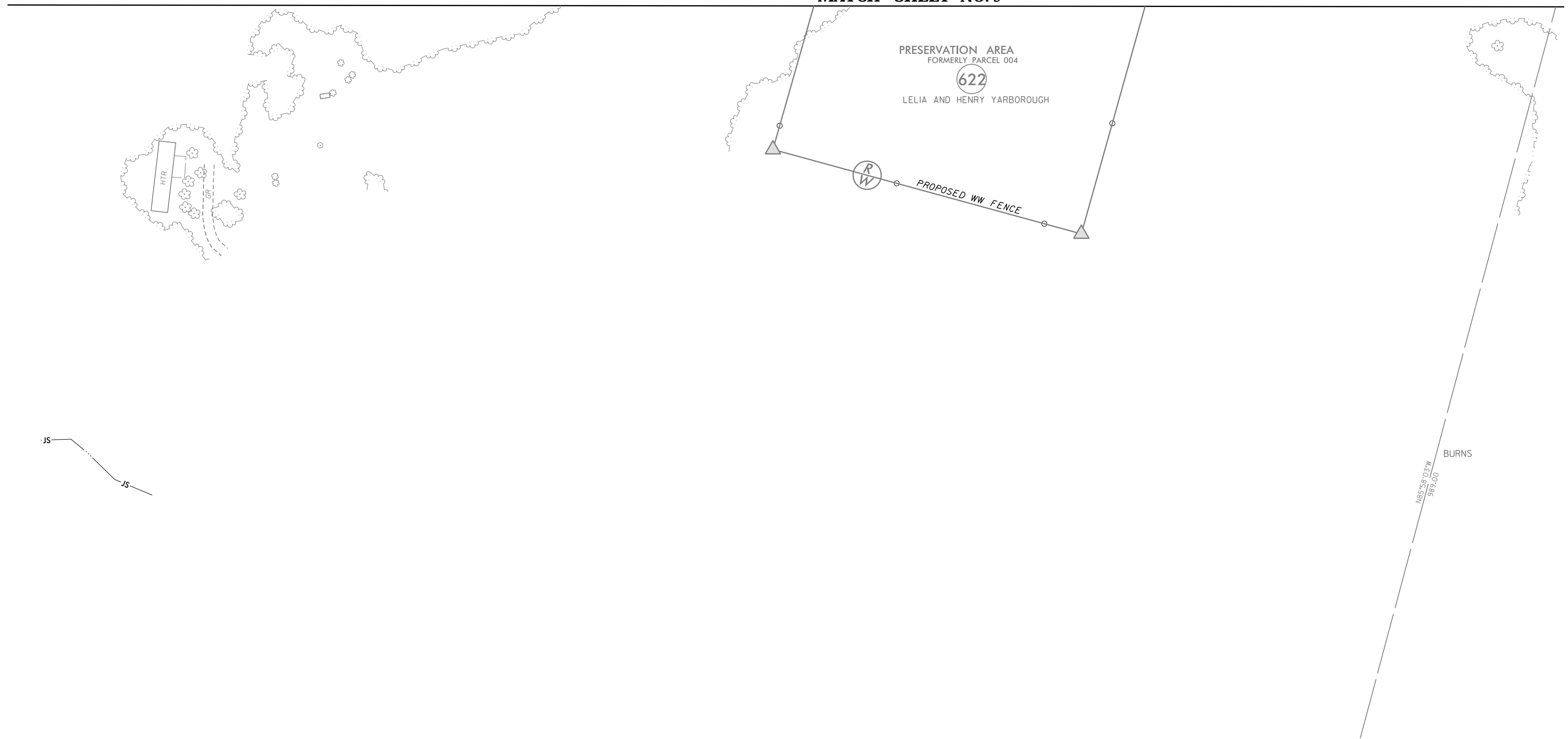
7/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-35/CONST.05A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 05A

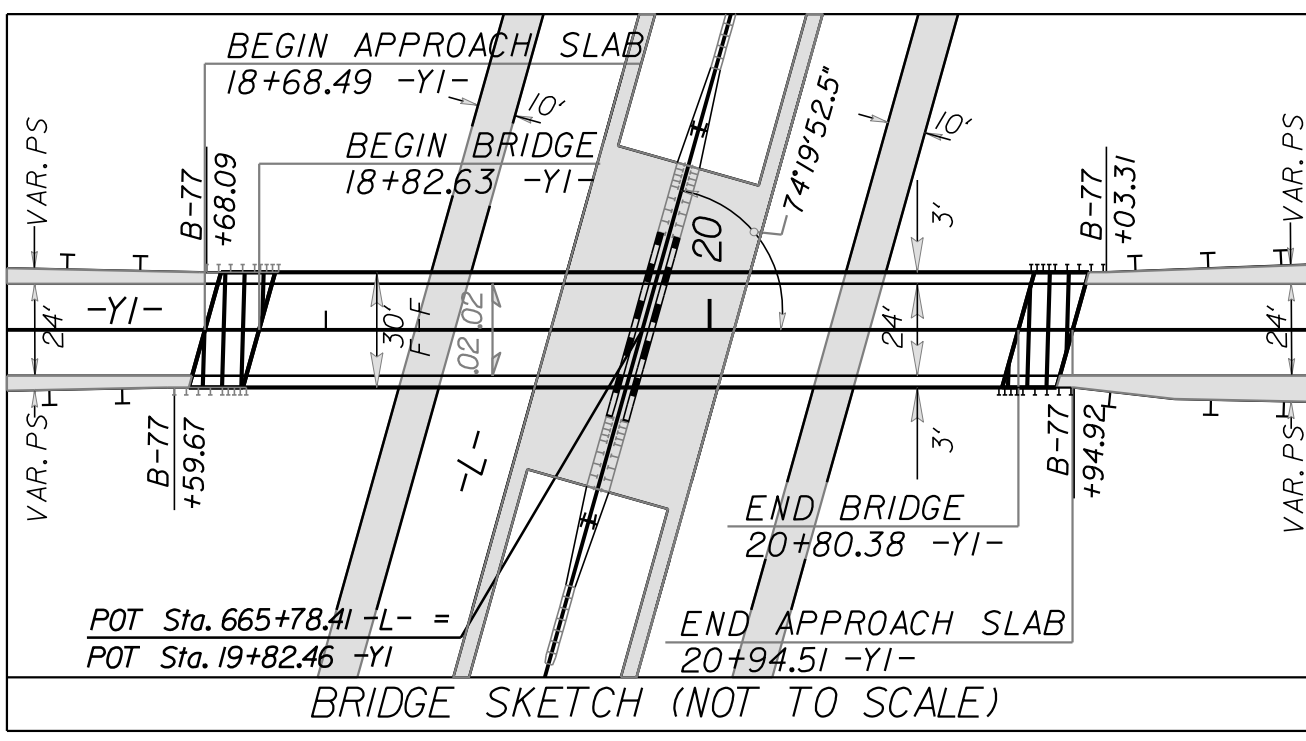


MATCH SHEET NO. 5



7/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-36/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



FINAL GRADING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 06

BASIN SHAPE ADJUSTED TO
 AVOID CONFLICT W/PROPOSED
 NATURAL GAS LINE
 60 x 70 x 3
 2.0 inch Skimmer
 with 1.75 inch
 Orifice Diameter
 16 ft. weir
 ID 6.1

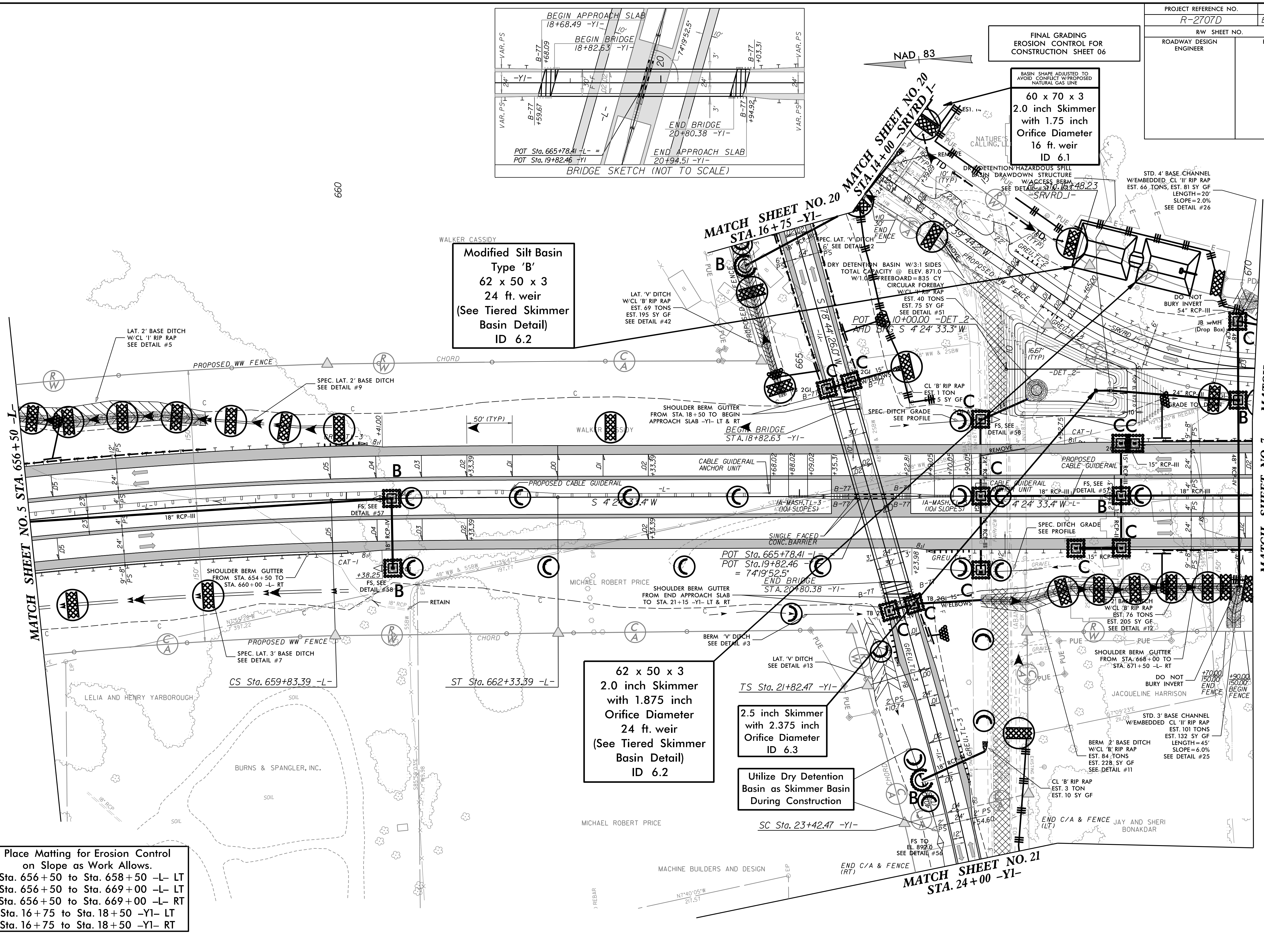
Modified Silt Basin
 Type 'B'
 62 x 50 x 3
 24 ft. weir
 (See Tiered Skimmer
 Basin Detail)
 ID 6.2

62 x 50 x 3
 2.0 inch Skimmer
 with 1.875 inch
 Orifice Diameter
 24 ft. weir
 (See Tiered Skimmer
 Basin Detail)
 ID 6.2

2.5 inch Skimmer
 with 2.375 inch
 Orifice Diameter
 ID 6.3

Utilize Dry Detention
 Basin as Skimmer Basin
 During Construction

Place Matting for Erosion Control
 on Slope as Work Allows.
 Sta. 656+50 to Sta. 658+50 -L- LT
 Sta. 656+50 to Sta. 669+00 -L- LT
 Sta. 656+50 to Sta. 669+00 -L- RT
 Sta. 16+75 to Sta. 18+50 -Y1- LT
 Sta. 16+75 to Sta. 18+50 -Y1- RT



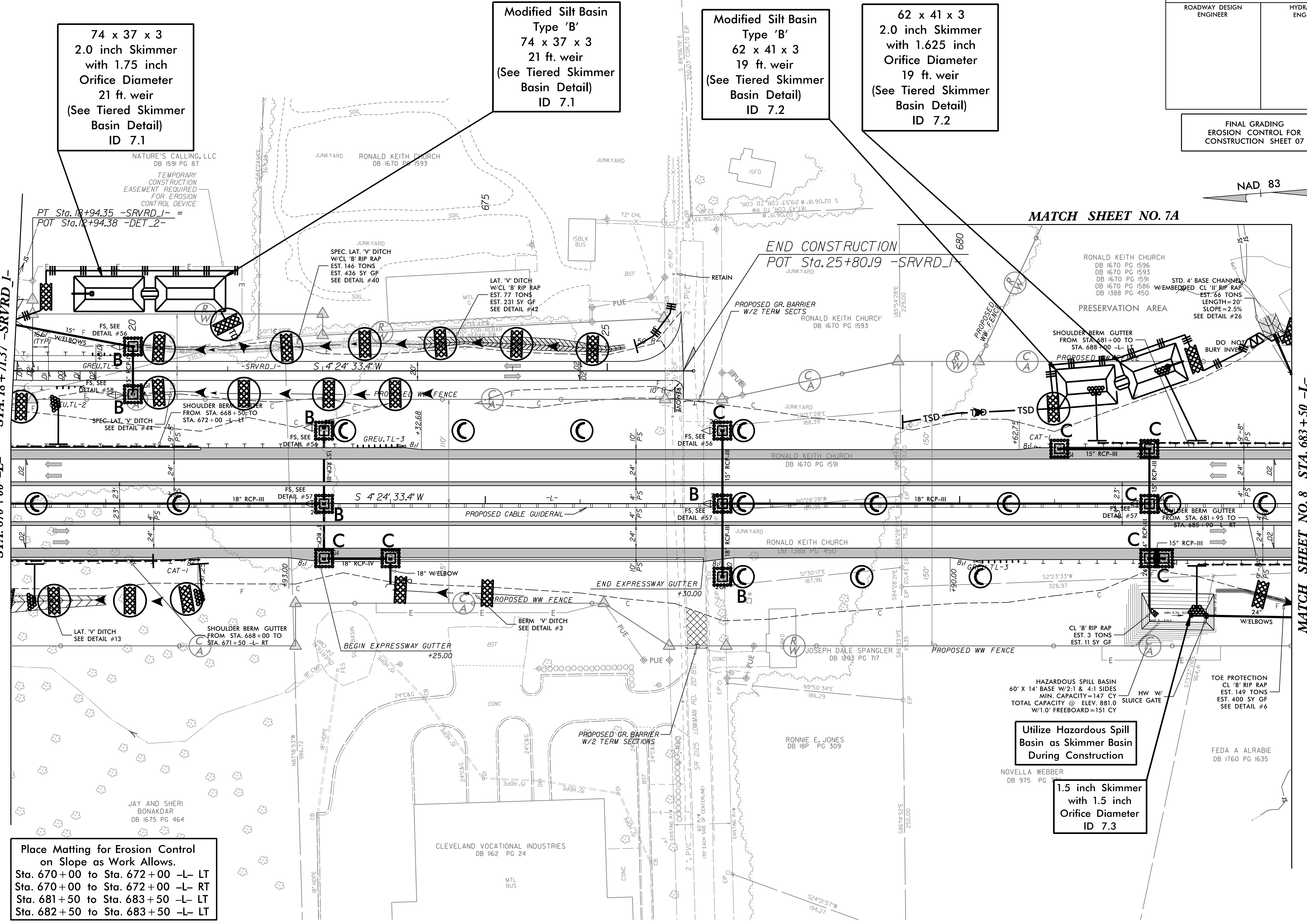
7/27/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-37/CONST.07
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 07

MATCH SHEET NO. 6
STA. 670+00 -L-
STA. 18+71.37 -SRVRD_1-

MATCH SHEET NO. 8
STA. 683+50 -L-



74 x 37 x 3
2.0 inch Skimmer
with 1.75 inch
Orifice Diameter
21 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 7.1

Modified Silt Basin
Type 'B'
74 x 37 x 3
21 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 7.1

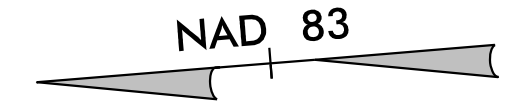
Modified Silt Basin
Type 'B'
62 x 41 x 3
19 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 7.2

62 x 41 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
19 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 7.2

Utilize Hazardous Spill
Basin as Skimmer Basin
During Construction

1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
ID 7.3

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 670+00 to Sta. 672+00 -L- LT
Sta. 670+00 to Sta. 672+00 -L- RT
Sta. 681+50 to Sta. 683+50 -L- LT
Sta. 682+50 to Sta. 683+50 -L- LT



MATCH SHEET NO. 7A

HAZARDOUS SPILL BASIN
60' X 14' BASE W/2.1 & 4-1 SIDES
MIN. CAPACITY=147 CY
TOTAL CAPACITY @ ELEV. 881.0
W/1.0' FREEBOARD=151 CY

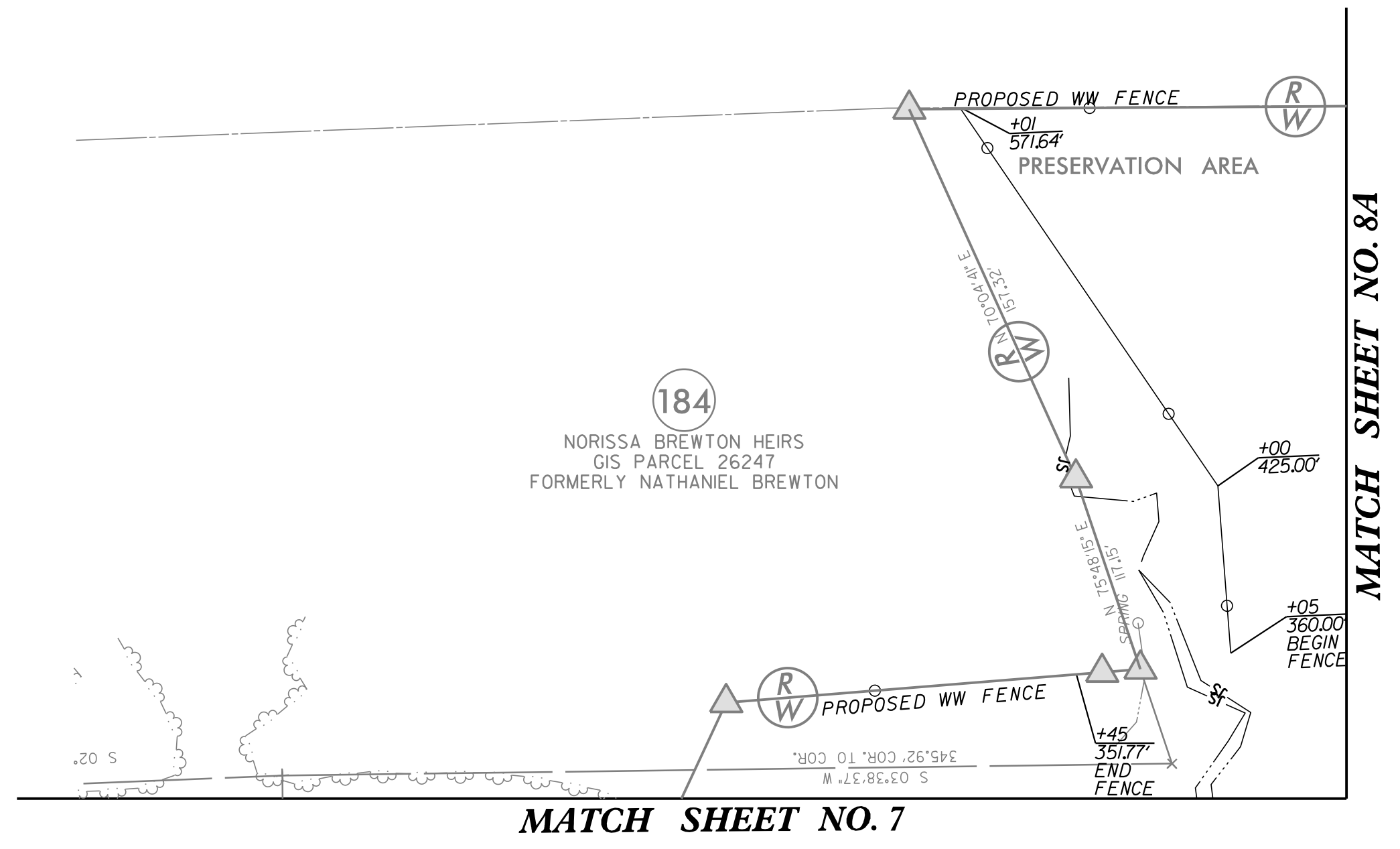
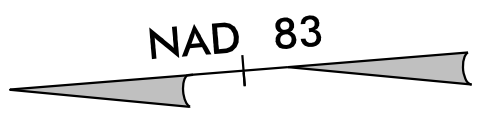
TOE PROTECTION
CL 'B' RIP RAP
EST. 149 TONS
EST. 400 SY GF
SEE DETAIL #6

FEDA A ALRABIE
DB 1760 PG 1635

7/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-38/CONST.07A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 07A



7/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-39/CONST.08
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

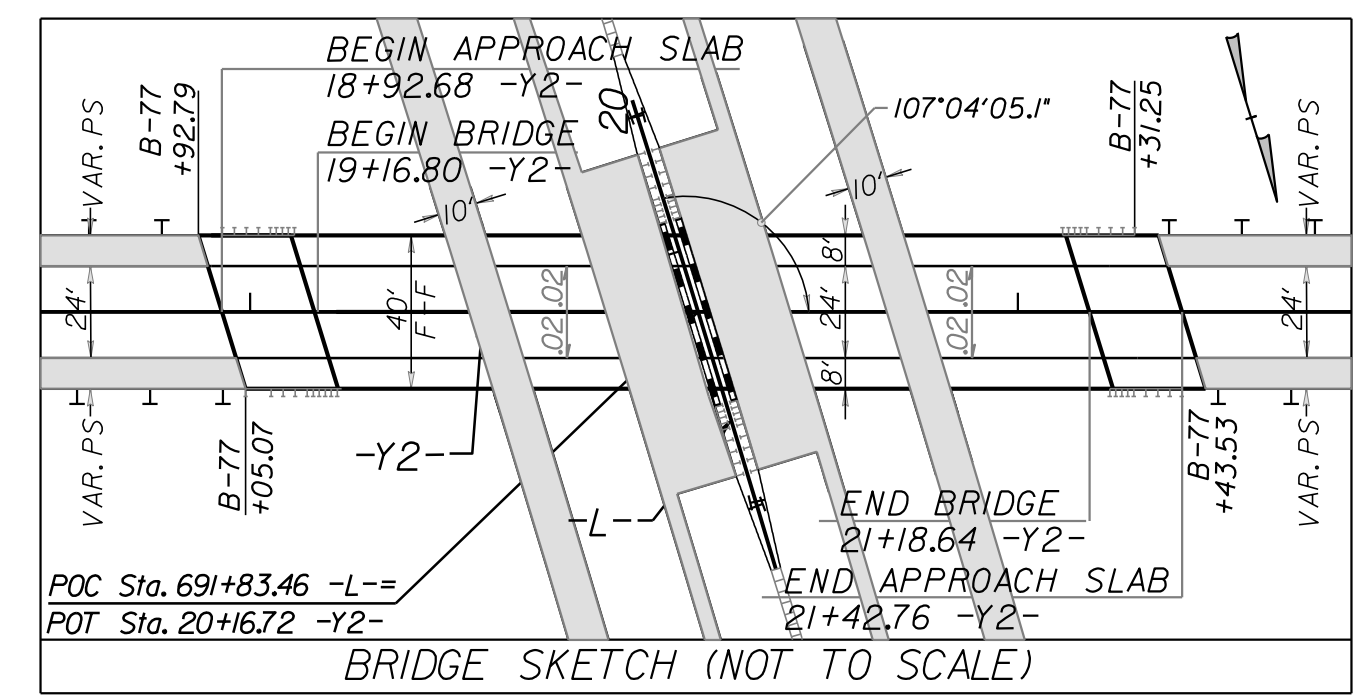
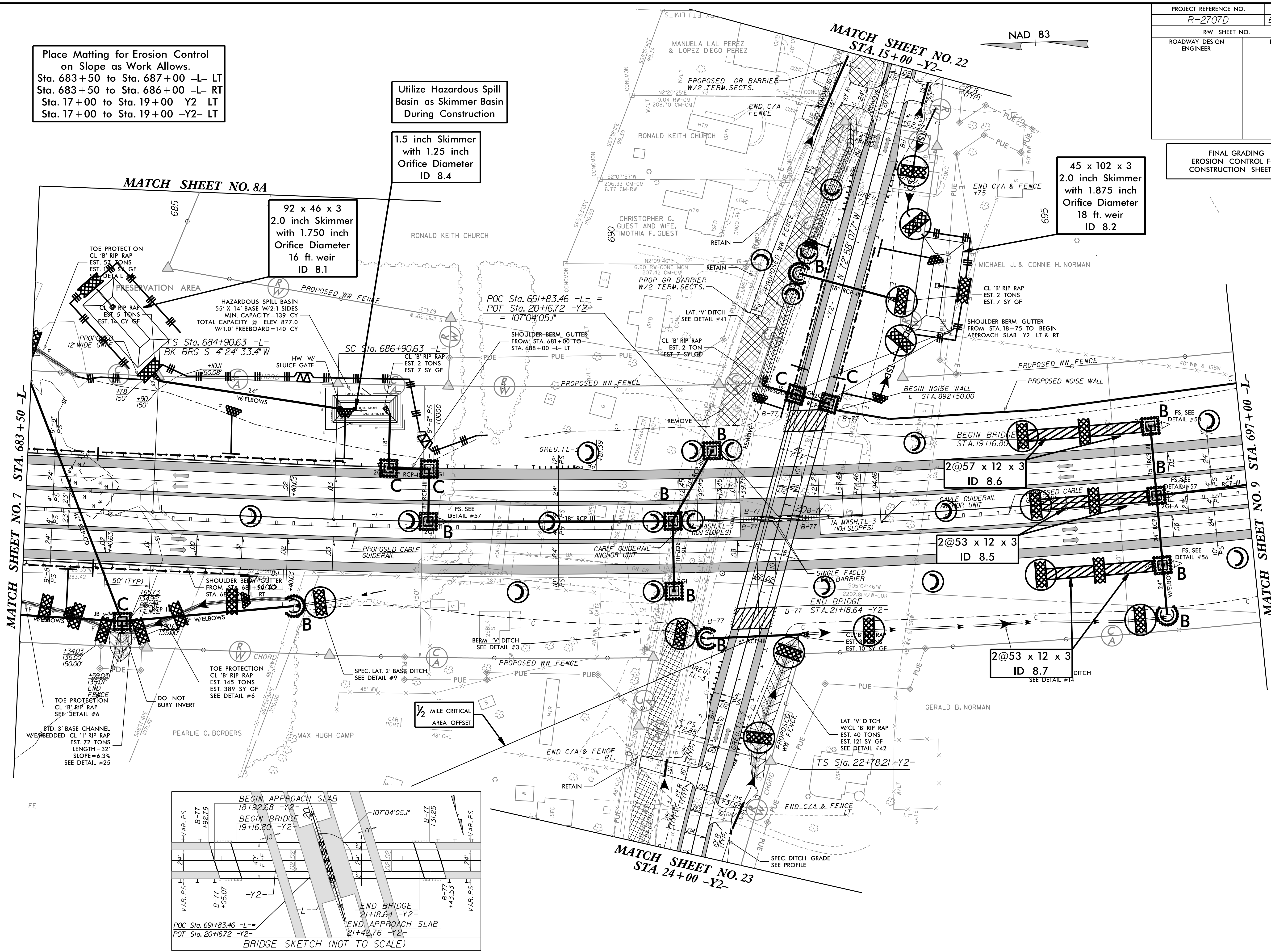
Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 683+50 to Sta. 687+00 -L- LT
 Sta. 683+50 to Sta. 686+00 -L- RT
 Sta. 17+00 to Sta. 19+00 -Y2- LT
 Sta. 17+00 to Sta. 19+00 -Y2- LT

Utilize Hazardous Spill Basin as Skimmer Basin During Construction

1.5 inch Skimmer with 1.25 inch Orifice Diameter ID 8.4

45 x 102 x 3
 2.0 inch Skimmer with 1.875 inch Orifice Diameter
 18 ft. weir
 ID 8.2

FINAL GRADING EROSION CONTROL FOR CONSTRUCTION SHEET 08



MATCH SHEET NO. 7 STA. 683+50 -L-

MATCH SHEET NO. 9 STA. 697+00 -L-

MATCH SHEET NO. 22 STA. 15+00 -Y2-

MATCH SHEET NO. 23 STA. 24+00 -Y2-

NAD 83

FE

1/2 MILE CRITICAL AREA OFFSET

MATCH SHEET NO. 8A

92 x 46 x 3
 2.0 inch Skimmer with 1.750 inch Orifice Diameter
 16 ft. weir
 ID 8.1

HAZARDOUS SPILL BASIN
 55' X 14' BASE W/2:1 SIDES
 MIN. CAPACITY=139 CY
 TOTAL CAPACITY @ ELEV. 877.0
 W/1.0' FREEBOARD=140 CY

POC Sta. 691+83.46 -L- =
 POT Sta. 20+16.72 -Y2-
 = 107°04'05.1"

SHOULDER BERM GUTTER
 FROM STA. 681+00 TO
 STA. 688+00 -L- LT

2@57 x 12 x 3
 ID 8.6

2@53 x 12 x 3
 ID 8.5

2@53 x 12 x 3
 ID 8.7

TOE PROTECTION
 CL 'B' RIP RAP
 EST. 5 TONS
 EST. 13 SY GF
 SEE DETAIL #1

PROPOSED 12' WIDE GATE

TS Sta. 684+90.63 -L-
 BK BRG S 4' 24' 33.4" W

HW W/ SLUICE GATE

CL 'B' RIP RAP
 EST. 2 TONS
 EST. 7 SY GF

PROPOSED WW FENCE

PROPOSED GR BARRIER
 W/2 TERM. SECTS.

CL 'B' RIP RAP
 EST. 2 TONS
 EST. 7 SY GF

SHOULDER BERM GUTTER
 FROM STA. 18+75 TO BEGIN
 APPROACH SLAB -Y2- LT & RT

PROPOSED WW FENCE

BEGIN NOISE WALL
 -L- STA. 692+50.00

PROPOSED NOISE WALL

BEGIN BRIDGE
 STA. 19+16.80

PROPOSED CABLE GUIDERAIL FOR UNIT

PROPOSED CABLE

PROPOSED CABLE GUIDERAIL ANCHOR UNIT

IA-MASH, TL-3 (10% SLOPES)

END BRIDGE
 STA. 21+18.64 -Y2-

SINGLE FACED BARRIER

END C/A & FENCE
 RT.

CL 'B' RIP RAP
 EST. 10 SY GF

PROPOSED WW FENCE

PROPOSED WW FENCE

PROPOSED WW FENCE

PROPOSED WW FENCE

PROPOSED WW FENCE

PROPOSED WW FENCE

PROPOSED WW FENCE

PROPOSED WW FENCE

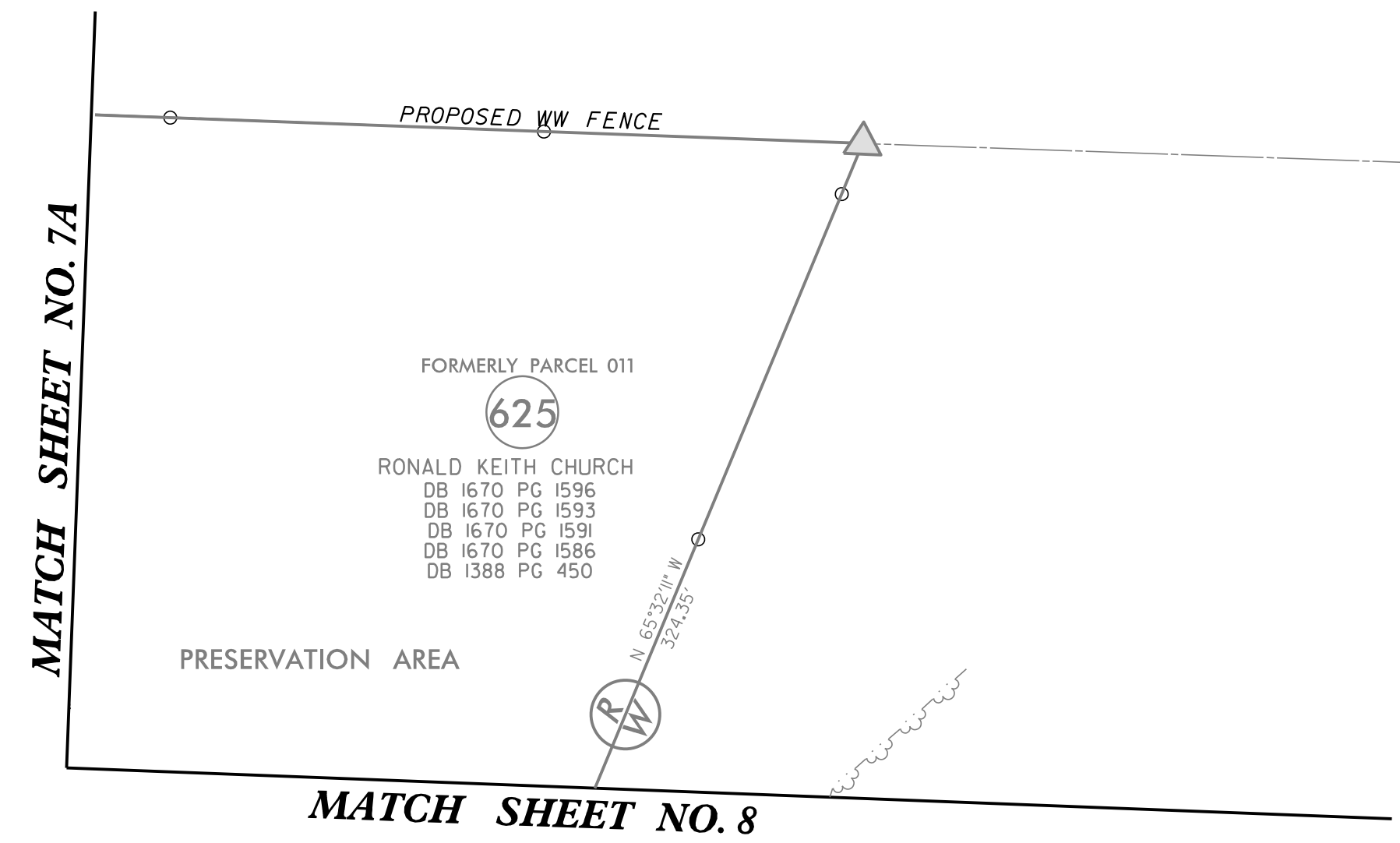
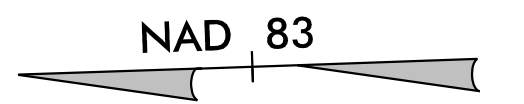
PROPOSED WW FENCE

PROPOSED WW FENCE

7/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-40/CONST.08A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

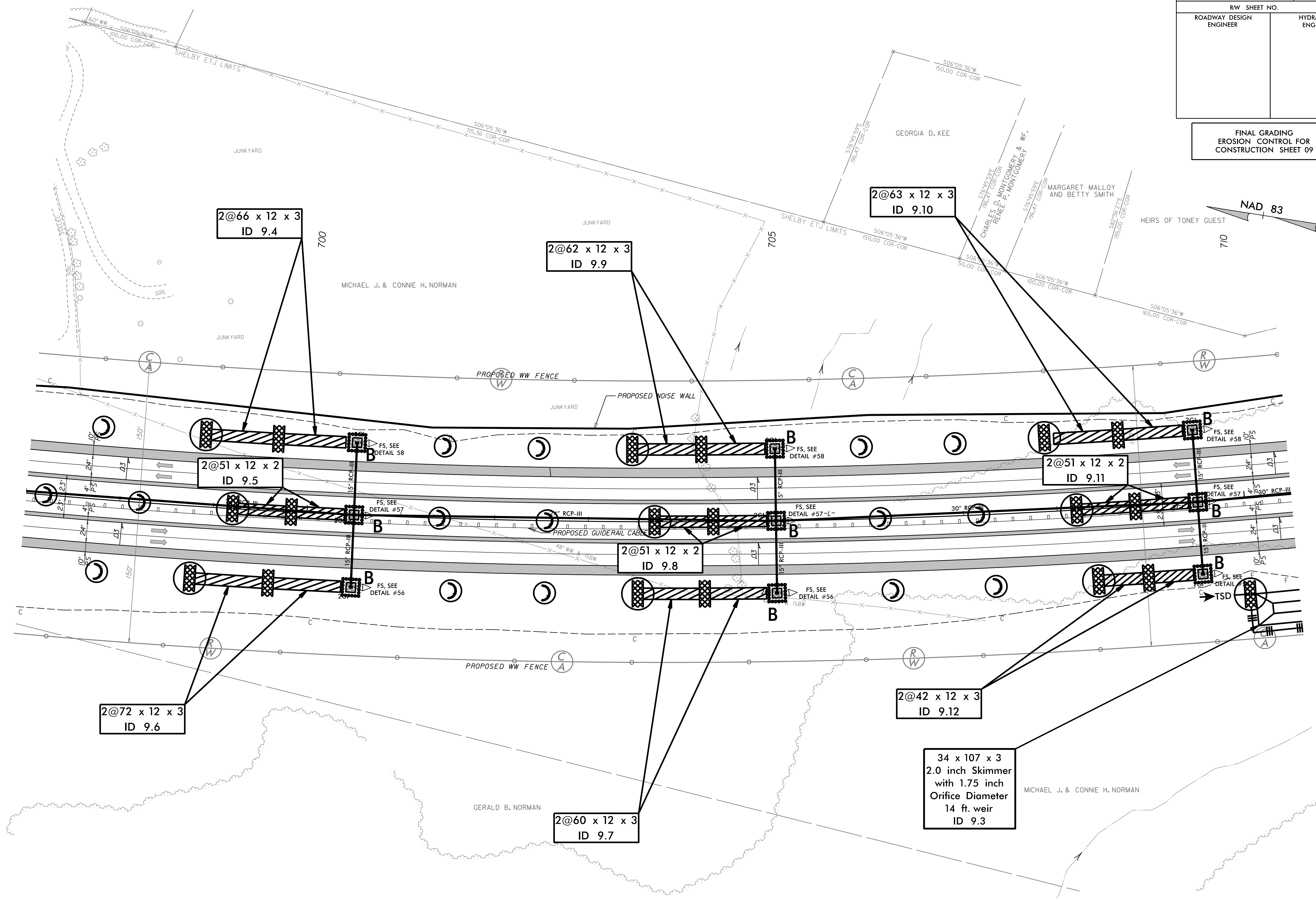
FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 08A



7/22/99

PROJECT REFERENCE NO. <i>R-2707D</i>	SHEET NO. <i>EC-4/CONST.09</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

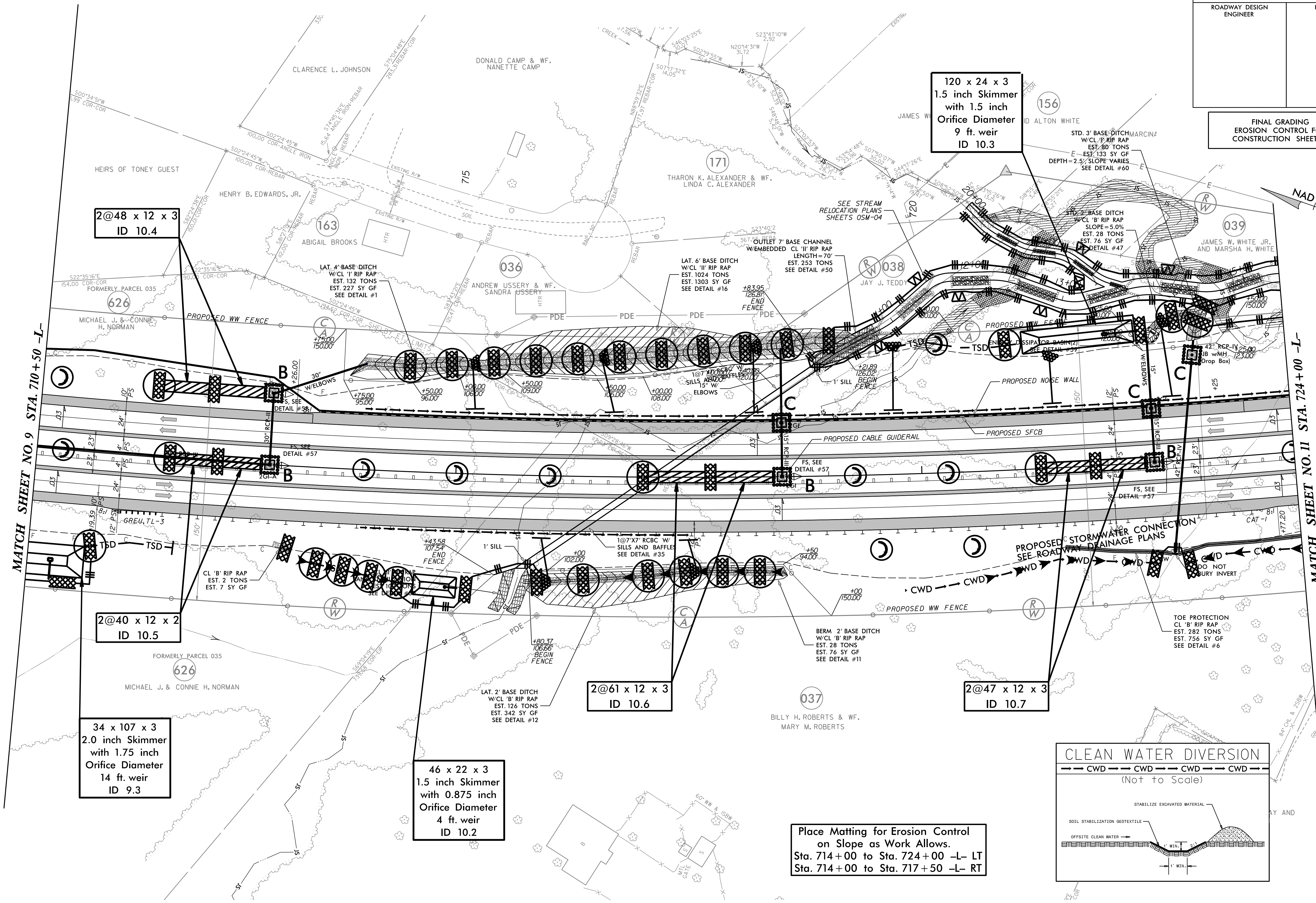
FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 09



7/27/99

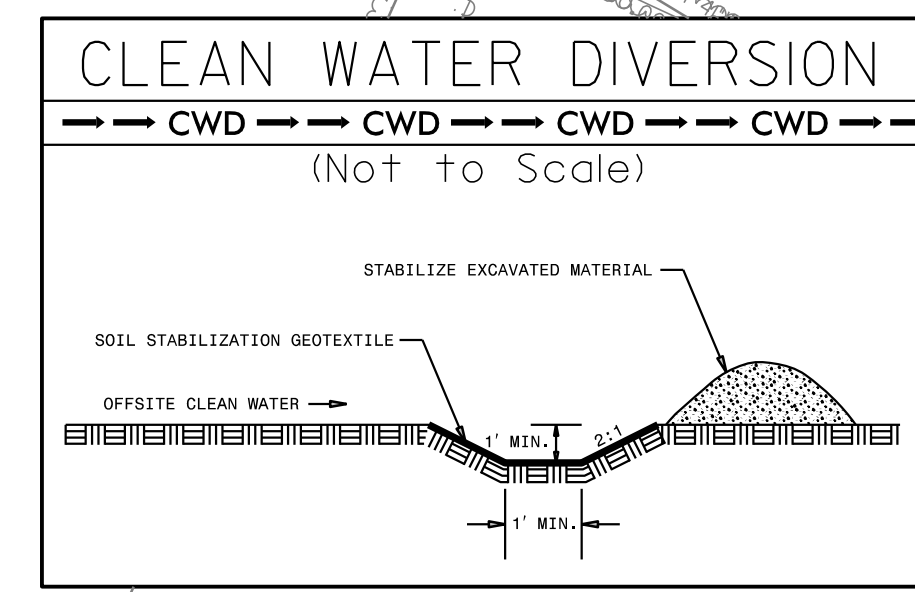
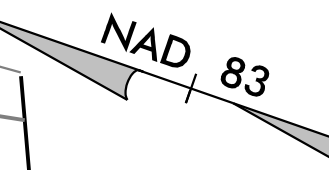
PROJECT REFERENCE NO. <i>R-2707D</i>	SHEET NO. <i>EC-42/CONST.10</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 10



MATCH SHEET NO. 9 STA. 710+50 -L-

MATCH SHEET NO. 11 STA. 724+00 -L-



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 714+00 to Sta. 724+00 -L- LT
Sta. 714+00 to Sta. 717+50 -L- RT

2@48 x 12 x 3
ID 10.4

120 x 24 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
9 ft. weir
ID 10.3

2@40 x 12 x 2
ID 10.5

34 x 107 x 3
2.0 inch Skimmer
with 1.75 inch
Orifice Diameter
14 ft. weir
ID 9.3

46 x 22 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 10.2

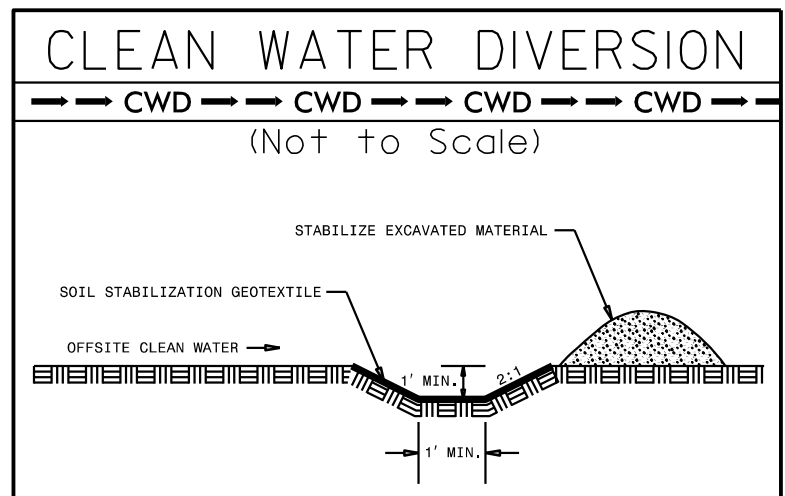
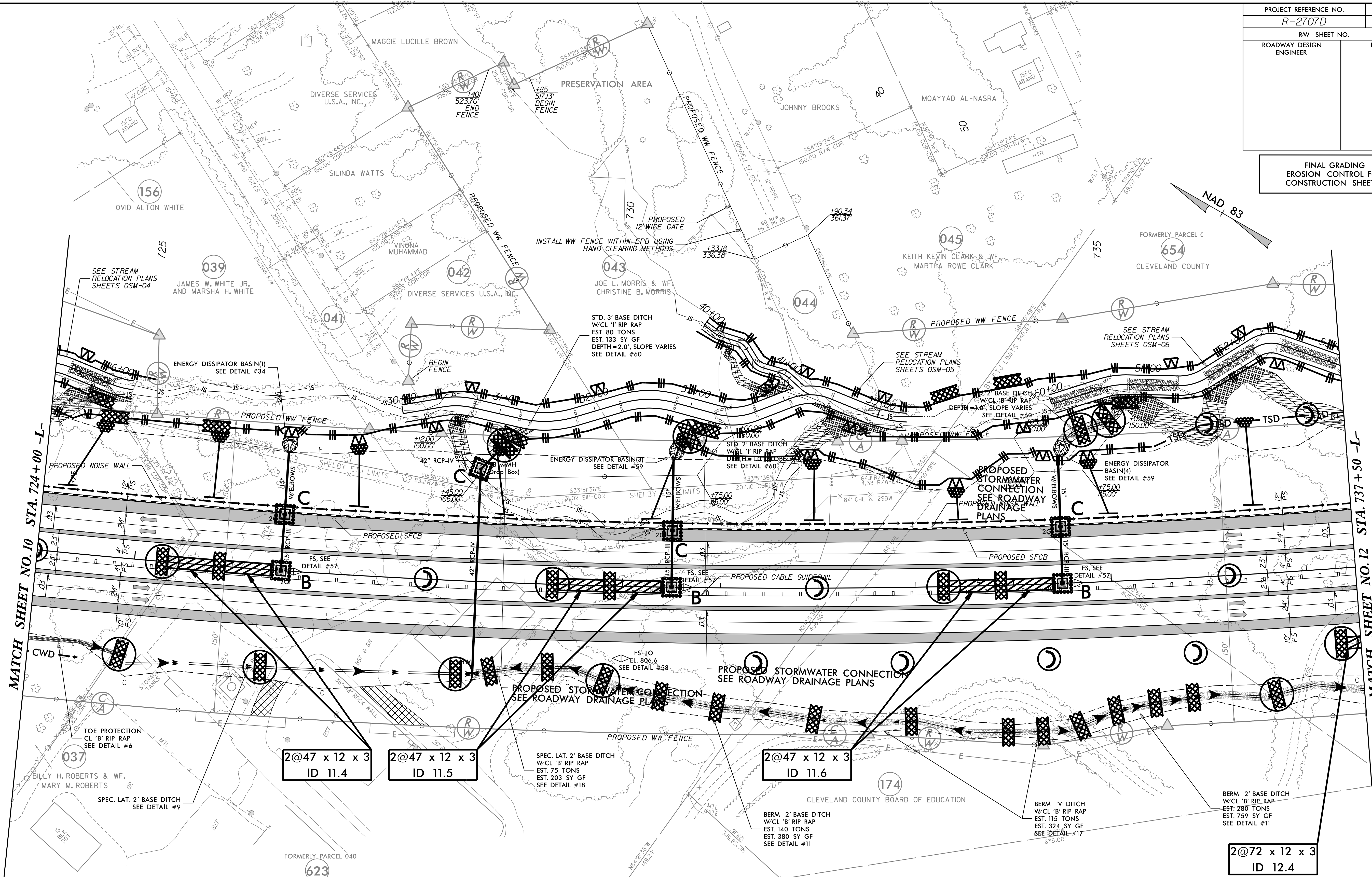
2@61 x 12 x 3
ID 10.6

2@47 x 12 x 3
ID 10.7

7/27/99

PROJECT REFERENCE NO. <i>R-2707D</i>	SHEET NO. <i>EC-43/CONST II</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 11



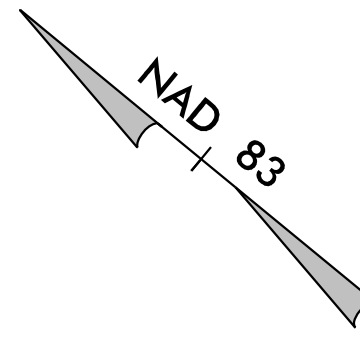
Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 724+00 to Sta. 737+50 -L- LT

7/27/99

7/27/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-46/CONST.13
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 763+50 to Sta. 764+50 -L- LT
Sta. 763+00 to Sta. 764+50 -L- RT
Sta. 21+50 to Sta. 22+00 -Y3- LT



FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 13

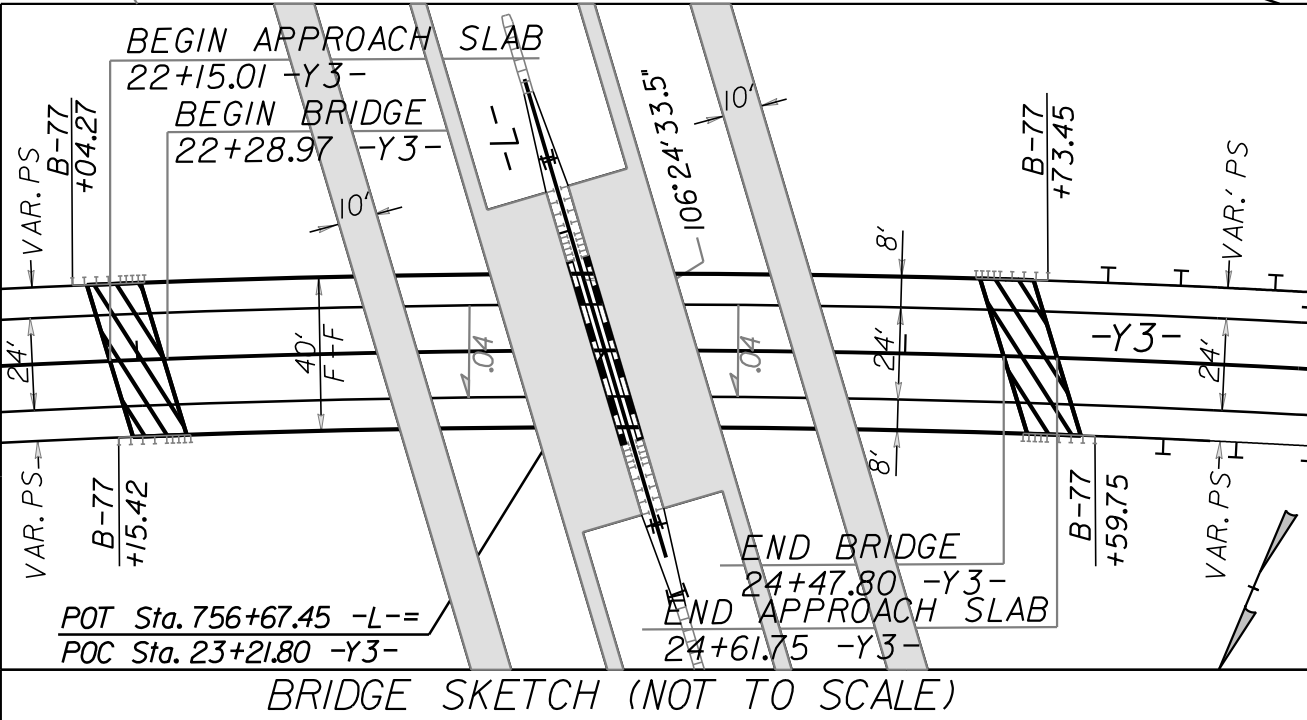
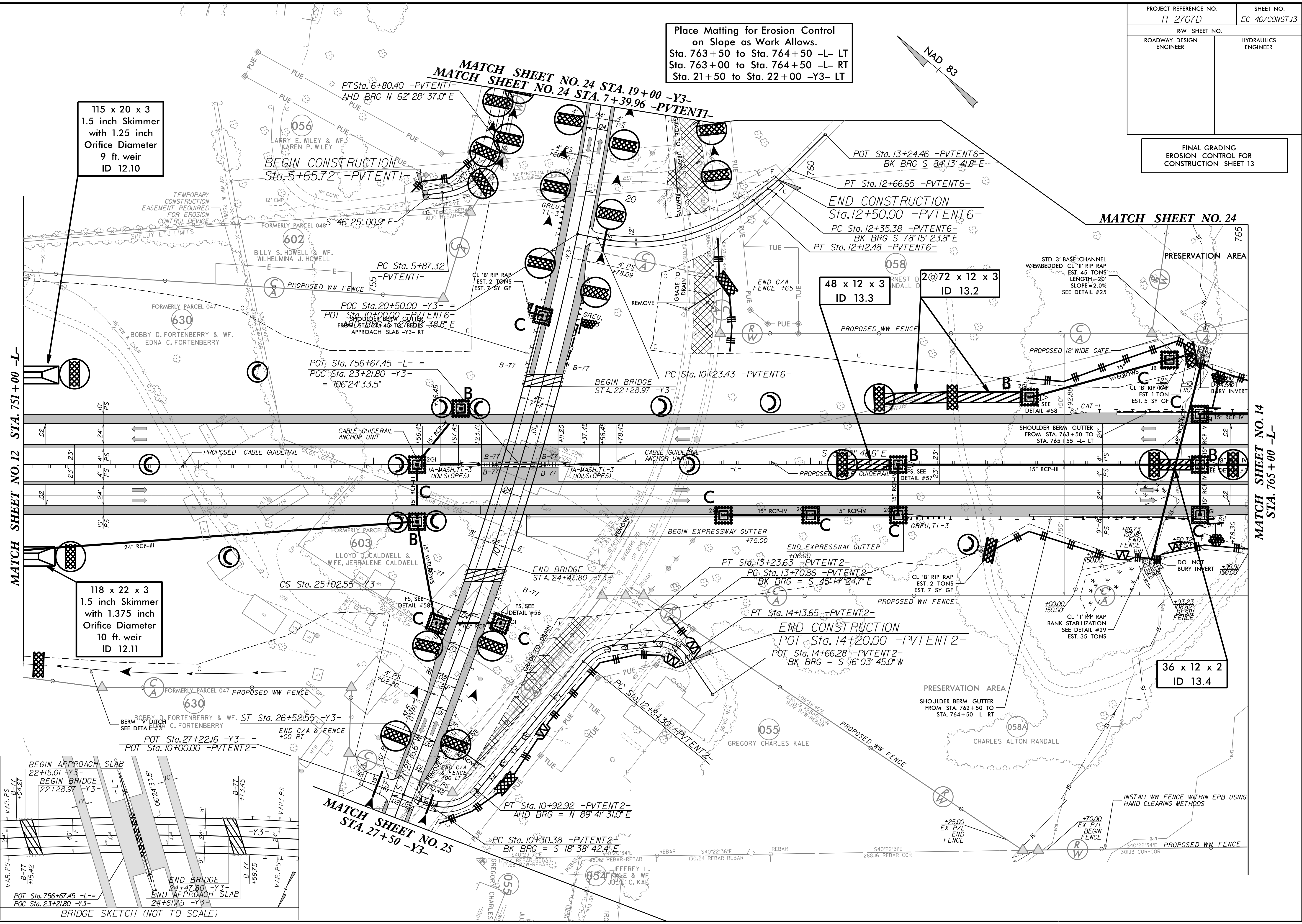
115 x 20 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
9 ft. weir
ID 12.10

118 x 22 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
10 ft. weir
ID 12.11

48 x 12 x 3
ID 13.3

2@72 x 12 x 3
ID 13.2

36 x 12 x 2
ID 13.4



MATCH SHEET NO. 14
STA. 765+00 -L-

MATCH SHEET NO. 24

MATCH SHEET NO. 12
STA. 751+00 -L-

MATCH SHEET NO. 25
STA. 27+50 -Y3-

BEGIN CONSTRUCTION
Sta. 5+65.72 -PVTENT1-

END CONSTRUCTION
Sta. 12+50.00 -PVTENT6-

END CONSTRUCTION
POT Sta. 14+20.00 -PVTENT2-

PRESERVATION AREA

PRESERVATION AREA

INSTALL WW FENCE WITHIN EPB USING
HAND CLEARING METHODS

7/27/99

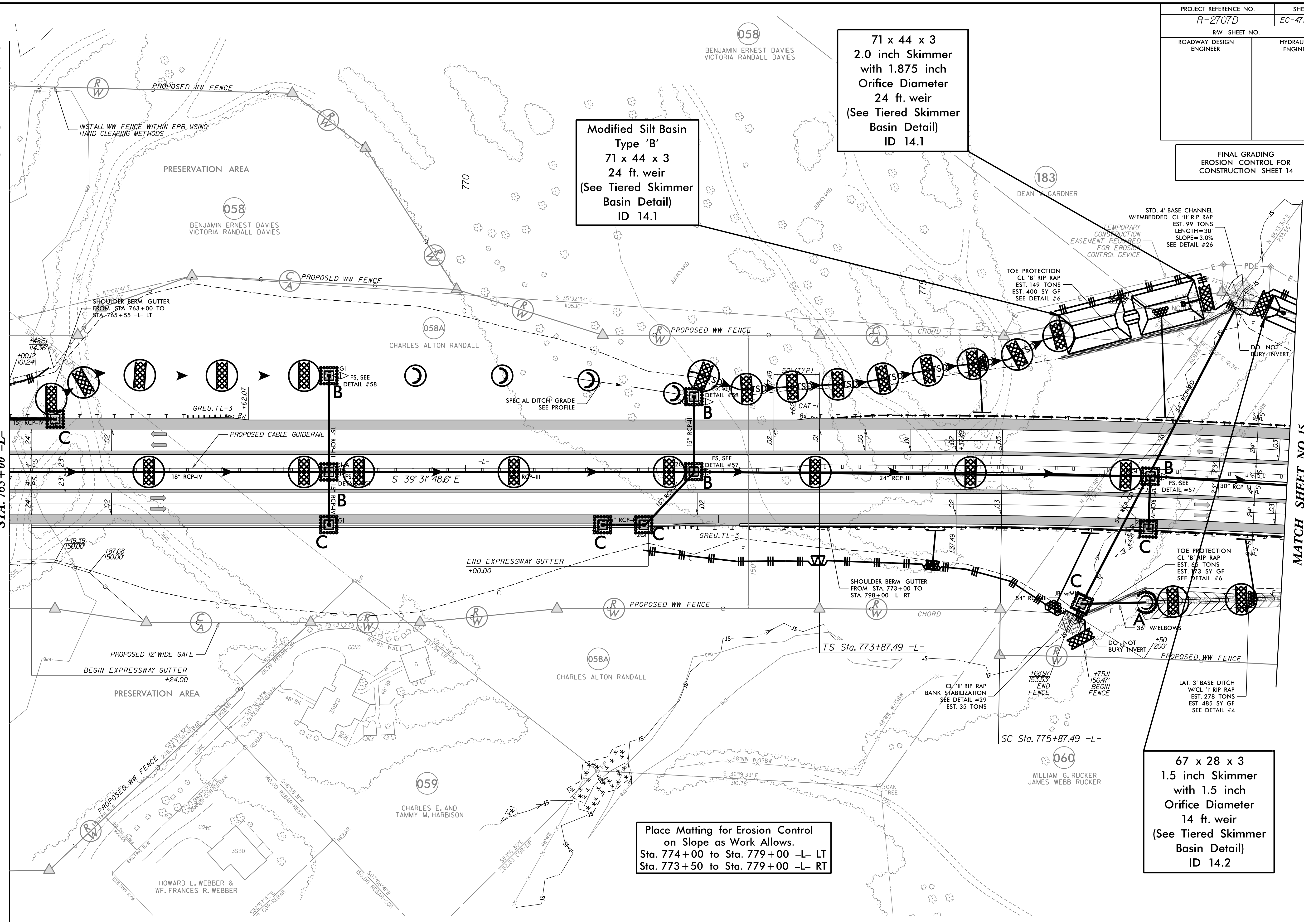
PROJECT REFERENCE NO. <i>R-2707D</i>	SHEET NO. <i>EC-47/CONST.14</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 14

MATCH SHEET NO. 24

MATCH SHEET NO. 13
STA. 765+00 -L-

MATCH SHEET NO. 15
STA. 779+00 -L-



Modified Silt Basin
Type 'B'
71 x 44 x 3
24 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 14.1

71 x 44 x 3
2.0 inch Skimmer
with 1.875 inch
Orifice Diameter
24 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 14.1

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 774+00 to Sta. 779+00 -L- LT
Sta. 773+50 to Sta. 779+00 -L- RT

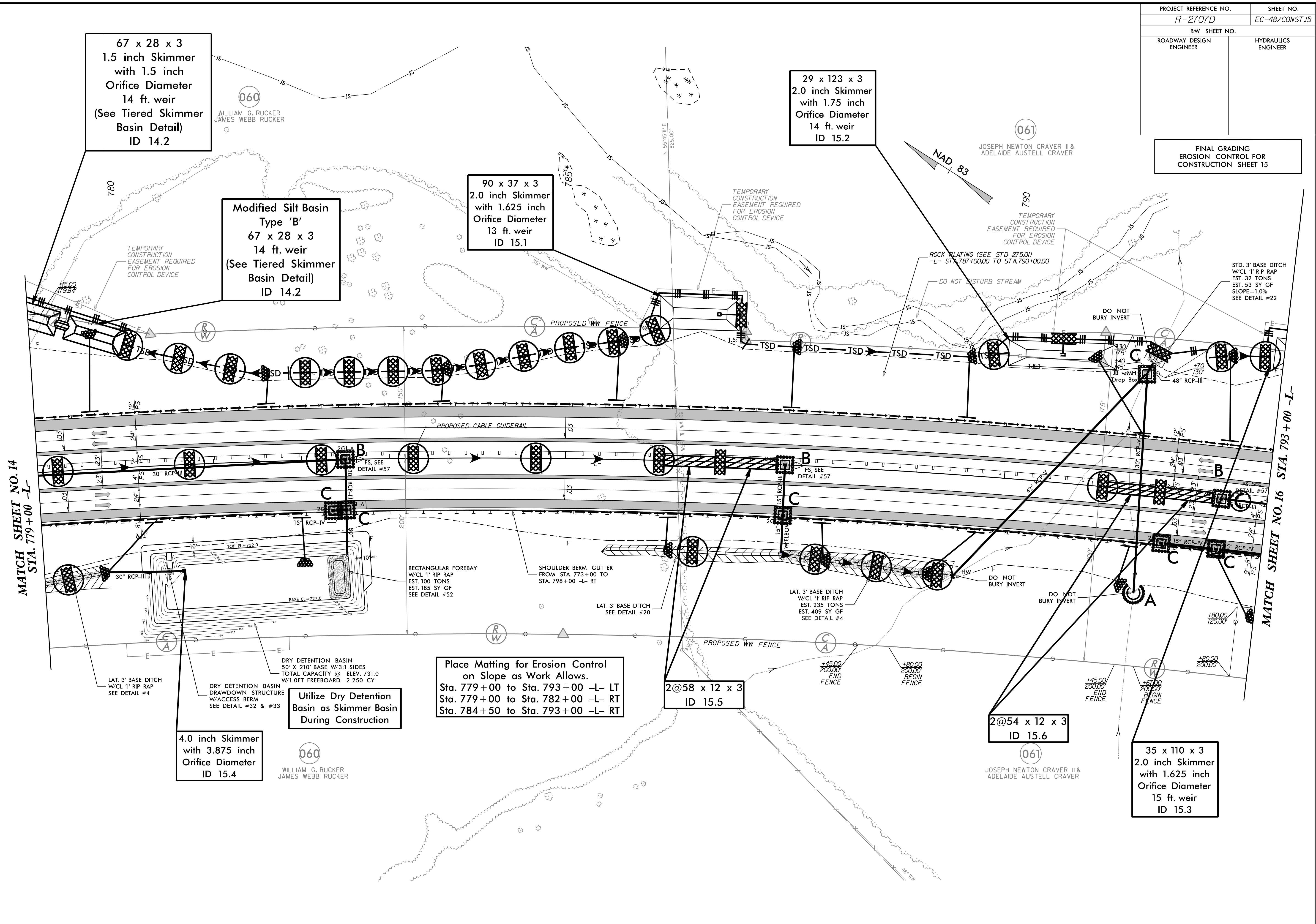
67 x 28 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
14 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 14.2

7/27/99

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PROJECT REFERENCE NO. <i>R-2707D</i>	SHEET NO. <i>EC-48/CONST.15</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 15



67 x 28 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
14 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 14.2

060
WILLIAM G. RUCKER
JAMES WEBB RUCKER

Modified Silt Basin
Type 'B'
67 x 28 x 3
14 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 14.2

90 x 37 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
13 ft. weir
ID 15.1

29 x 123 x 3
2.0 inch Skimmer
with 1.75 inch
Orifice Diameter
14 ft. weir
ID 15.2

061
JOSEPH NEWTON CRAVER II &
ADELAIDE AUSTELL CRAVER

MATCH SHEET NO. 14
STA. 779+00 -L-

MATCH SHEET NO. 16
STA. 793+00 -L-

LAT. 3' BASE DITCH
W/CL 1' RIP RAP
SEE DETAIL #4

DRY DETENTION BASIN
DRAWDOWN STRUCTURE
W/ACCESS BERM
SEE DETAIL #32 & #33

4.0 inch Skimmer
with 3.875 inch
Orifice Diameter
ID 15.4

060
WILLIAM G. RUCKER
JAMES WEBB RUCKER

Utilize Dry Detention
Basin as Skimmer Basin
During Construction

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 779+00 to Sta. 793+00 -L- LT
Sta. 779+00 to Sta. 782+00 -L- RT
Sta. 784+50 to Sta. 793+00 -L- RT

2@58 x 12 x 3
ID 15.5

2@54 x 12 x 3
ID 15.6

061
JOSEPH NEWTON CRAVER II &
ADELAIDE AUSTELL CRAVER

35 x 110 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
15 ft. weir
ID 15.3

TEMPORARY
CONSTRUCTION
EASEMENT REQUIRED
FOR EROSION
CONTROL DEVICE

TEMPORARY
CONSTRUCTION
EASEMENT REQUIRED
FOR EROSION
CONTROL DEVICE

TEMPORARY
CONSTRUCTION
EASEMENT REQUIRED
FOR EROSION
CONTROL DEVICE

ROCK PLATING (SEE STD 275.01)
-L- STA. 787+00.00 TO STA. 790+00.00

DO NOT DISTURB STREAM

DO NOT
BURY INVERT

STD. 3' BASE DITCH
W/CL 1' RIP RAP
EST. 32 TONS
EST. 53 SY GF
SLOPE=1.0%
SEE DETAIL #22

RECTANGULAR FOREBAY
W/CL 1' RIP RAP
EST. 100 TONS
EST. 185 SY GF
SEE DETAIL #52

SHOULDER BERM GUTTER
FROM STA. 773+00 TO
STA. 798+00 -L- RT

LAT. 3' BASE DITCH
SEE DETAIL #20

LAT. 3' BASE DITCH
W/CL 1' RIP RAP
EST. 235 TONS
EST. 409 SY GF
SEE DETAIL #4

DO NOT
BURY INVERT

DO NOT
BURY INVERT

+45.00
200.00
END
FENCE

+80.00
200.00
BEGIN
FENCE

+45.00
200.00
END
FENCE

+67.00
200.00
BEGIN
FENCE

+80.00
120.00

+80.00
200.00

+80.00
200.00

NAD 83

N 85°45'11"E
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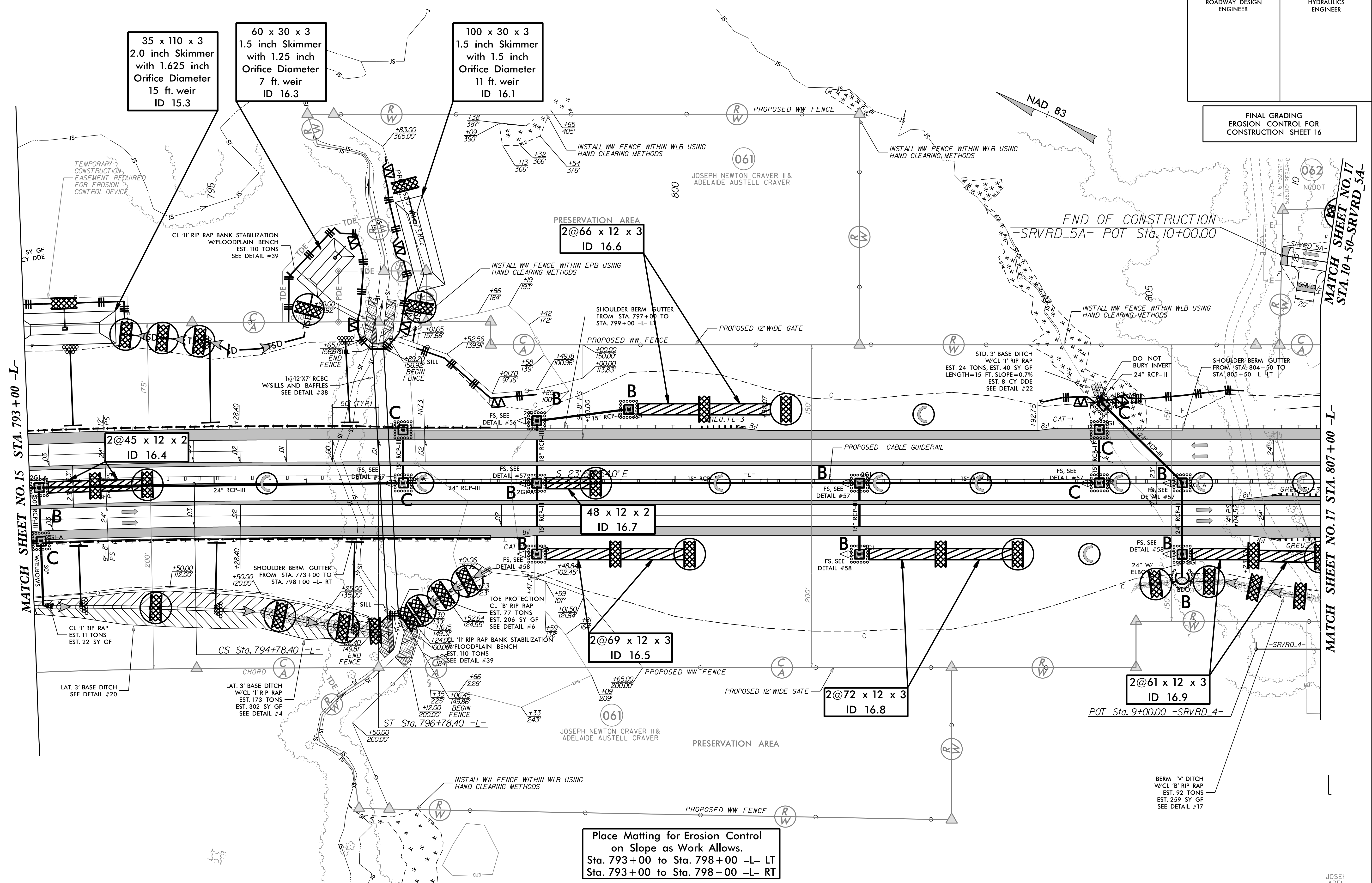
1.5'

1.5'

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PROJECT REFERENCE NO. R-2707D	SHEET NO. EC-49/CONST.16
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 16



MATCH SHEET NO. 15 STA. 793+00 -L-

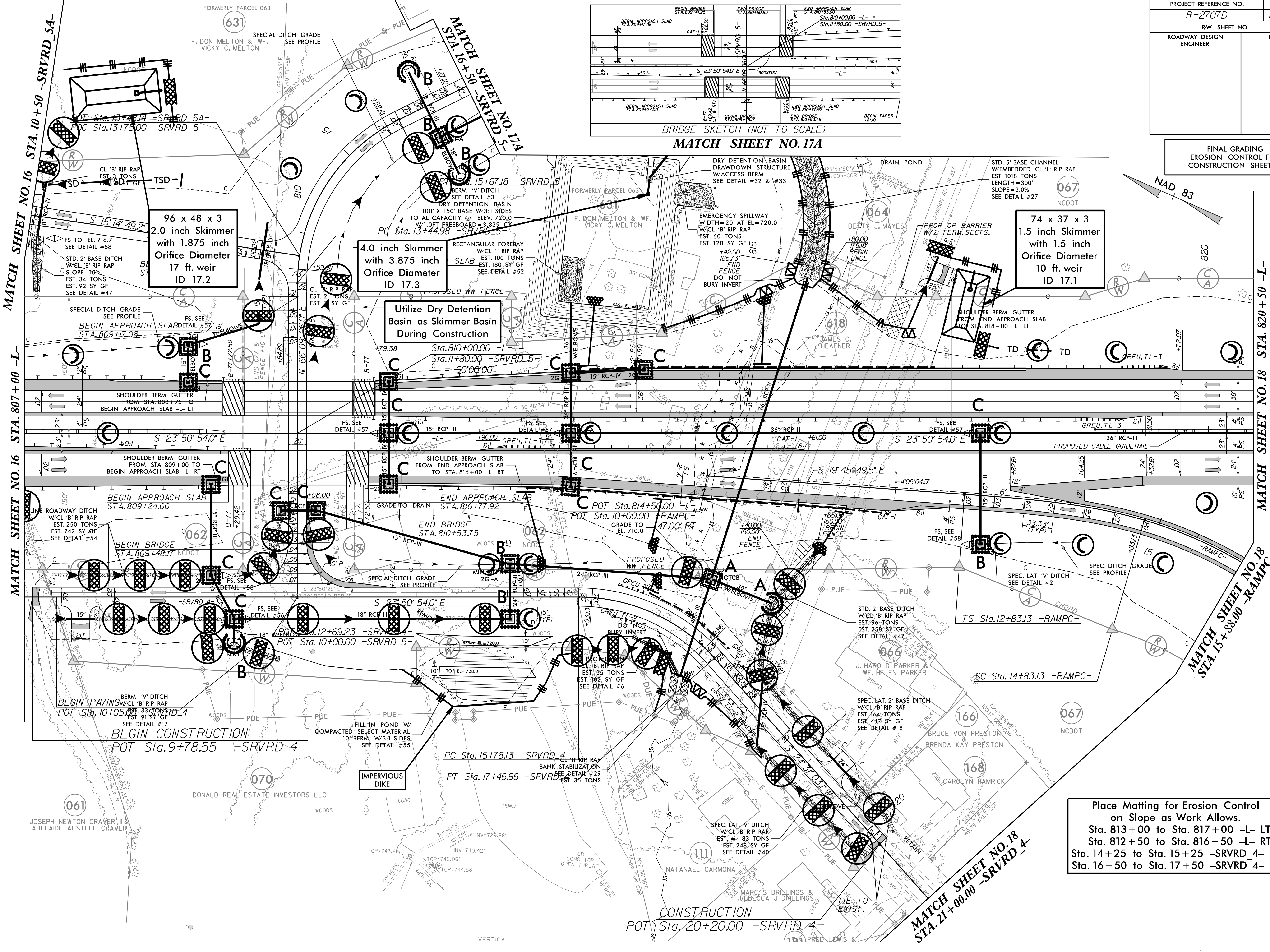
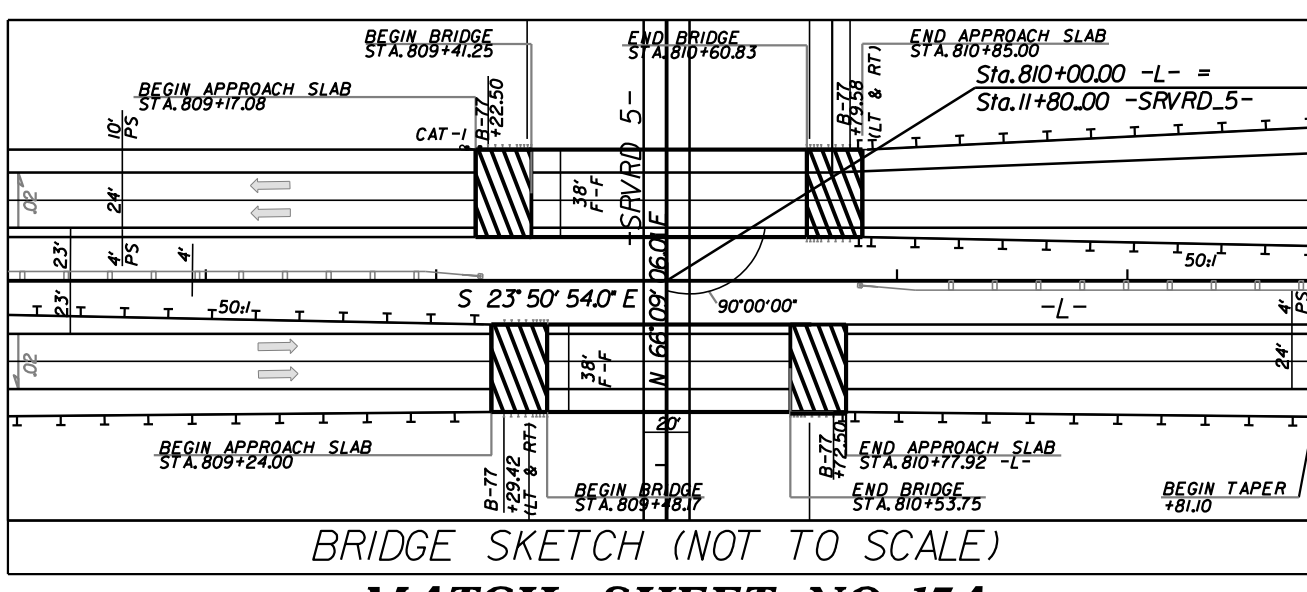
MATCH SHEET NO. 17 STA. 807+00 -L-

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 793+00 to Sta. 798+00 -L- LT
Sta. 793+00 to Sta. 798+00 -L- RT

JOSEPH ANFI

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-50/CONST 17
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 17



96 x 48 x 3
2.0 inch Skimmer
with 1.875 inch
Orifice Diameter
17 ft. weir
ID 17.2

4.0 inch Skimmer
with 3.875 inch
Orifice Diameter
ID 17.3

74 x 37 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
10 ft. weir
ID 17.1

Utilize Dry Detention
Basin as Skimmer Basin
During Construction

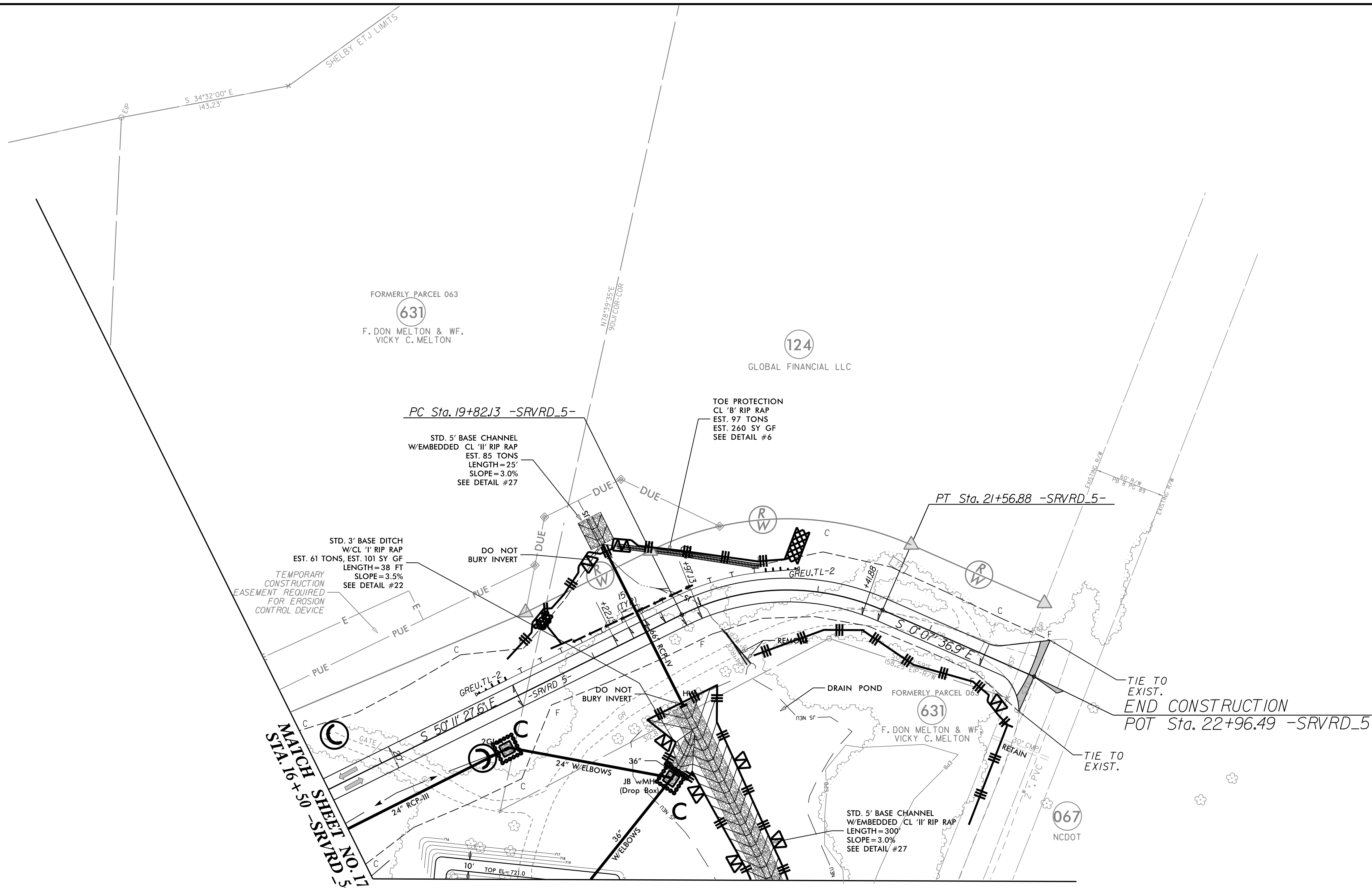
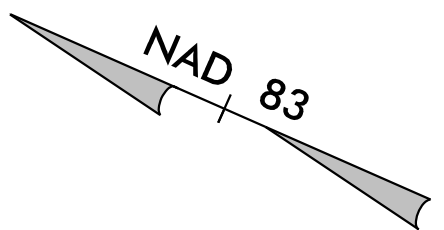
Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 813+00 to Sta. 817+00 -L- LT
Sta. 812+50 to Sta. 816+50 -L- RT
Sta. 14+25 to Sta. 15+25 -SRVRD 4- RT
Sta. 16+50 to Sta. 17+50 -SRVRD 4- LT

14/2023 EC.dsn_psh_50.Fg.dgn

7/2/99

PROJECT REFERENCE NO.	SHEET NO.
R-2707D	EC-51/CONST.17A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 17A



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 18+00 to Sta. 19+00 -SRVRD_5- LT

MATCH SHEET NO. 17

MATCH SHEET NO. 17
STA. 16+50 -SRVRD_5-

TIE TO EXIST.
END CONSTRUCTION
POT Sta. 22+96.49 -SRVRD_5-

067
NCDOT

FORMERLY PARCEL 063
631
F. DON MELTON & WF.
VICKY C. MELTON

124
GLOBAL FINANCIAL LLC

PC Sta. 19+82.13 -SRVRD_5-

PT Sta. 21+56.88 -SRVRD_5-

DO NOT BURY INVERT

TIE TO EXIST.

TEMPORARY CONSTRUCTION EASEMENT REQUIRED FOR EROSION CONTROL DEVICE

STD. 3' BASE DITCH
W/CL 1' RIP RAP
EST. 61 TONS, EST. 101 SY GF
LENGTH=38 FT
SLOPE=3.5%
SEE DETAIL #22

STD. 5' BASE CHANNEL
W/EMBEDDED CL 1' RIP RAP
EST. 85 TONS
LENGTH=25'
SLOPE=3.0%
SEE DETAIL #27

TOE PROTECTION
CL 1' RIP RAP
EST. 97 TONS
EST. 260 SY GF
SEE DETAIL #6

STD. 5' BASE CHANNEL
W/EMBEDDED CL 1' RIP RAP
LENGTH=300'
SLOPE=3.0%
SEE DETAIL #27

24" WELBOWS
36" JB w/MH (Drop Box)

24" RCP-III

10' TOP EL=721.0

10' TOP EL=721.0

10' TOP EL=721.0

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