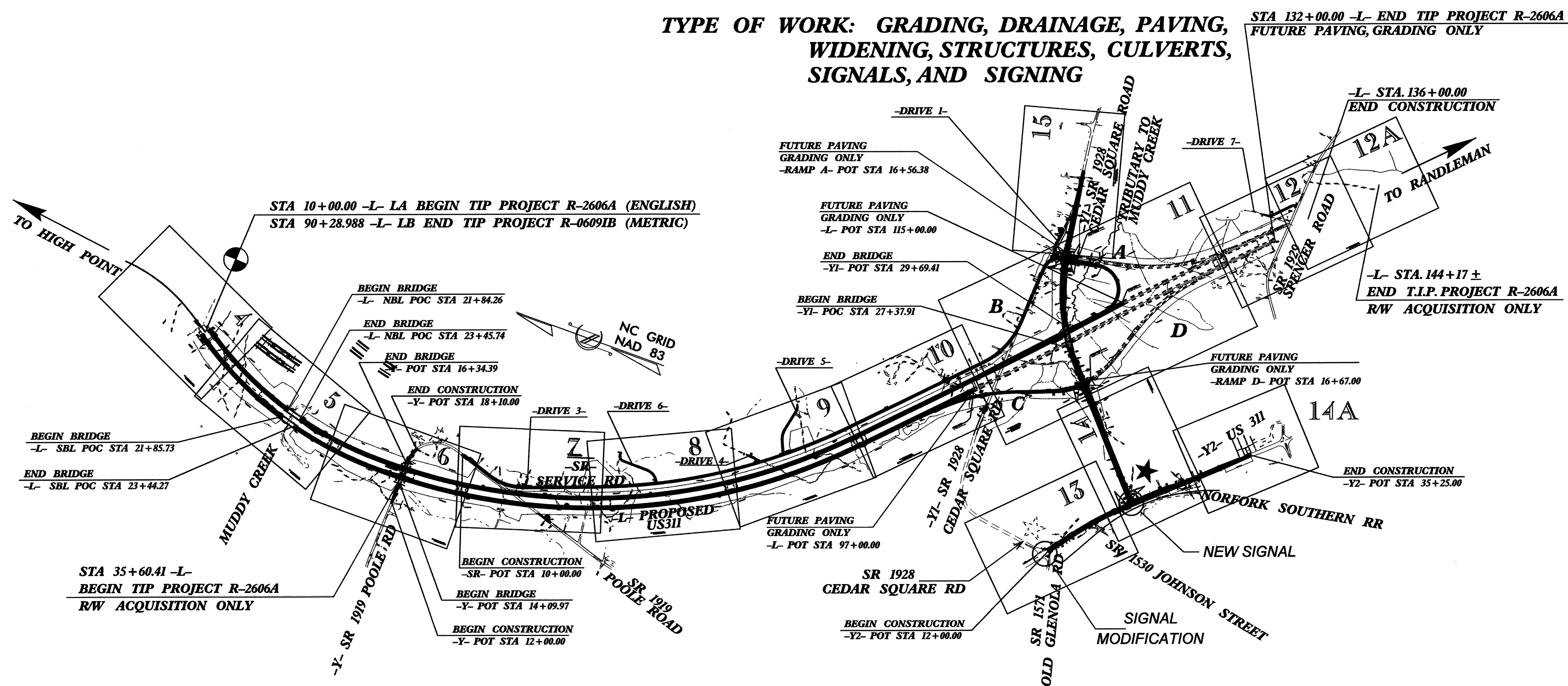


TIP PROJECT: R-2606A

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

RANDOLPH COUNTY
**LOCATION: US 311 FROM SOUTH OF SR 1920
TO NORTH OF SR 1929**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING,
WIDENING, STRUCTURES, CULVERTS,
SIGNALS, AND SIGNING**



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2606A	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

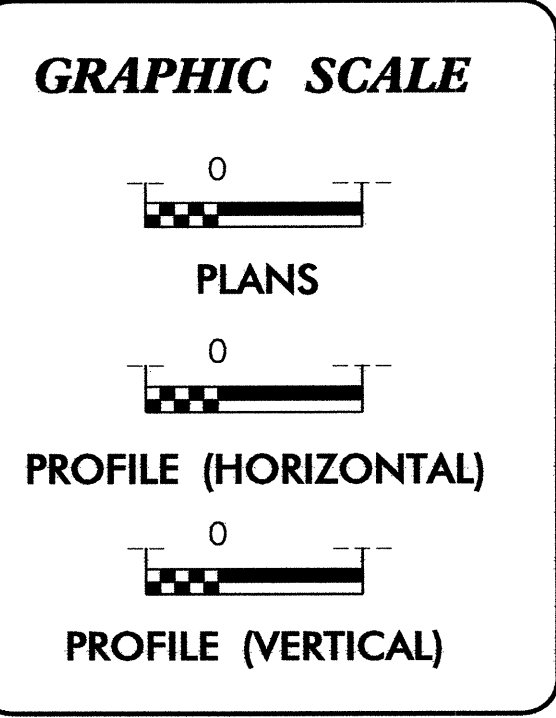
EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
	Streambank Reforestation	
1630.03	Temporary Silt Ditch	
1630.05	Temporary Diversion	
1605.01	Temporary Silt Fence	
	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.01	Riser Basin	
1630.02	Silt Basin Type B	
1633.01	Temporary Rock Silt Check Type-A	
1633.02	Temporary Rock Silt Check Type-B	
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	
	Rock Inlet Sediment Trap:	
1632.01	Type A	OR
1632.02	Type B	OR
1632.03	Type C	OR

THIS PROJECT CONTAINS EROSION 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.



**ROADSIDE ENVIRONMENTAL UNIT
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

Prepared In the Office of:
ROADSIDE ENVIRONMENTAL UNIT
1 South Wilmington St.
Raleigh, NC 27611
2002 STANDARD SPECIFICATIONS

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 20, 2002 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1605.01 Temporary Silt Fence	1632.01 Rock Inlet Sediment Trap Type A
1622.01 Temporary Berms and Slope Drains	1632.02 Rock Inlet Sediment Trap Type B
1630.02 Silt Basin Type B	1632.03 Rock Inlet Sediment Trap Type C
1630.03 Temporary Silt Ditch	1633.01 Temporary Rock Silt Check Type A
1630.04 Stilling Basin	1633.02 Temporary Rock Silt Check Type B
1630.05 Temporary Diversion	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

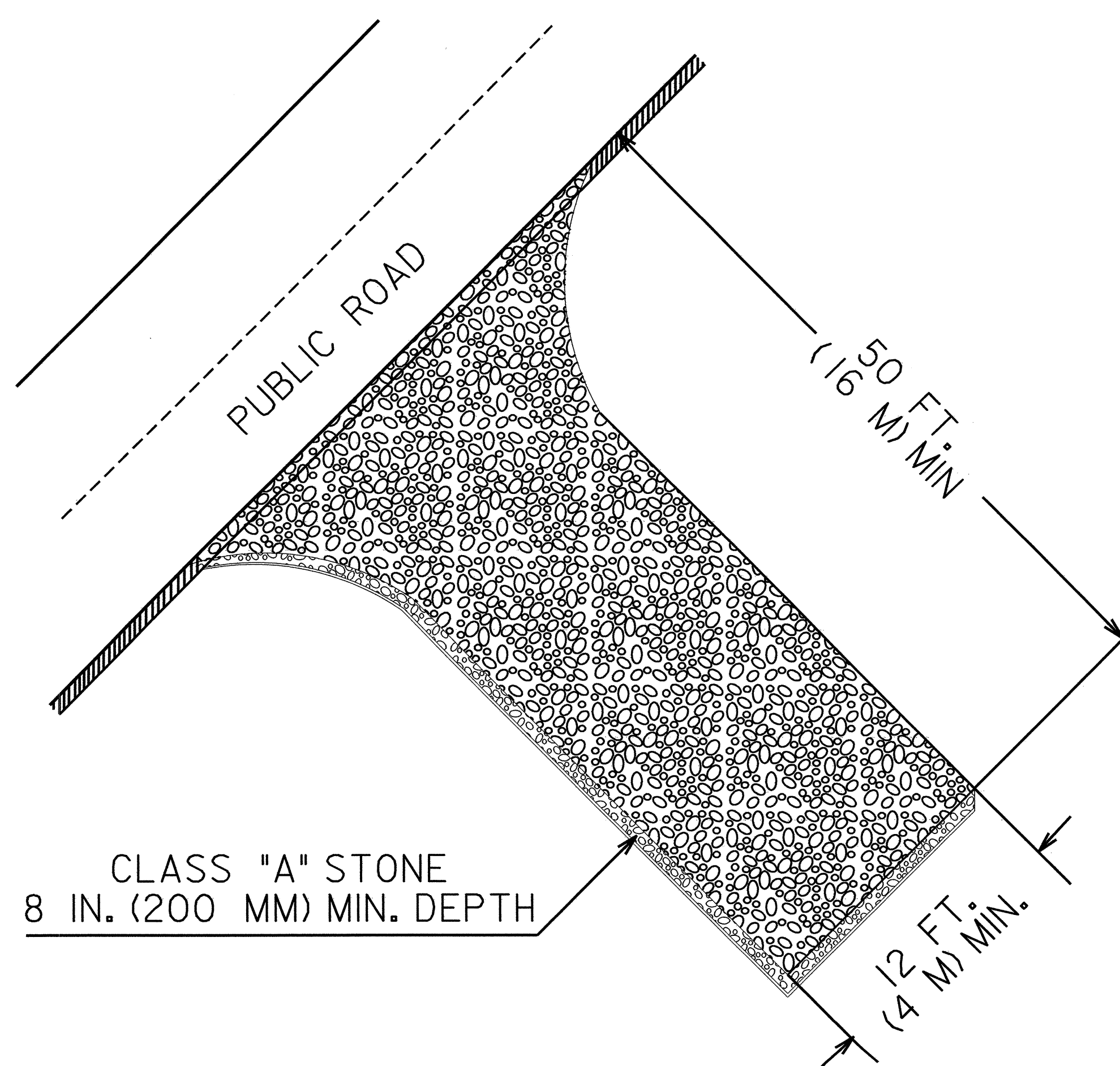
21-JUN-2006 09:56
d:\web\rip\temp\02606a_rdu_tsh.ec.dgn
ms.dwg A1 REV21373

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
R-2606A	EC-2	
STATE PROJECT NO.	F.A. PROJ. NO.	DESCRIPTION

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

NOTES:

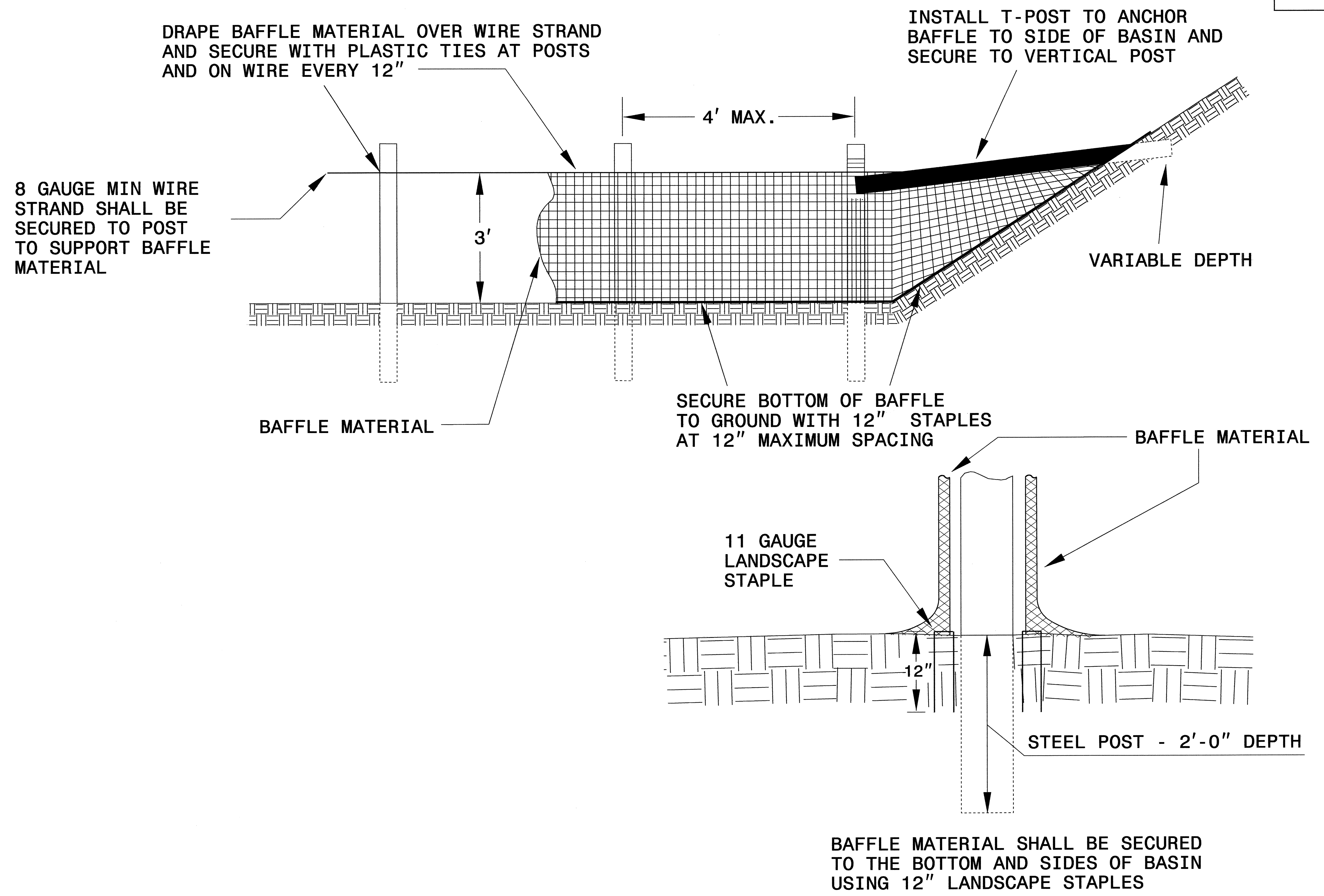
1. TURNING RADIUS SUFFICIENT TO ACCOMODATE LARGE TRUCKS SHALL BE PROVIDED.
2. ENTRANCE(S) SHOULD BE LOCATED TO PROVIDE FOR UTILIZATION BY ALL CONSTRUCTION VEHICLES.
3. MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
4. ANY MATERIAL TRACKED ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.
5. GRAVEL CONSTRUCTION ENTRANCE SHALL BE LOCATED AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE MUST BE PROVIDED.
6. NUMBER AND LOCATION OF CONSTRUCTION ENTRANCES TO BE DETERMINED BY THE ENGINEER



NOTE: FILTER FABRIC TO BE PLACED BENEATH STONE

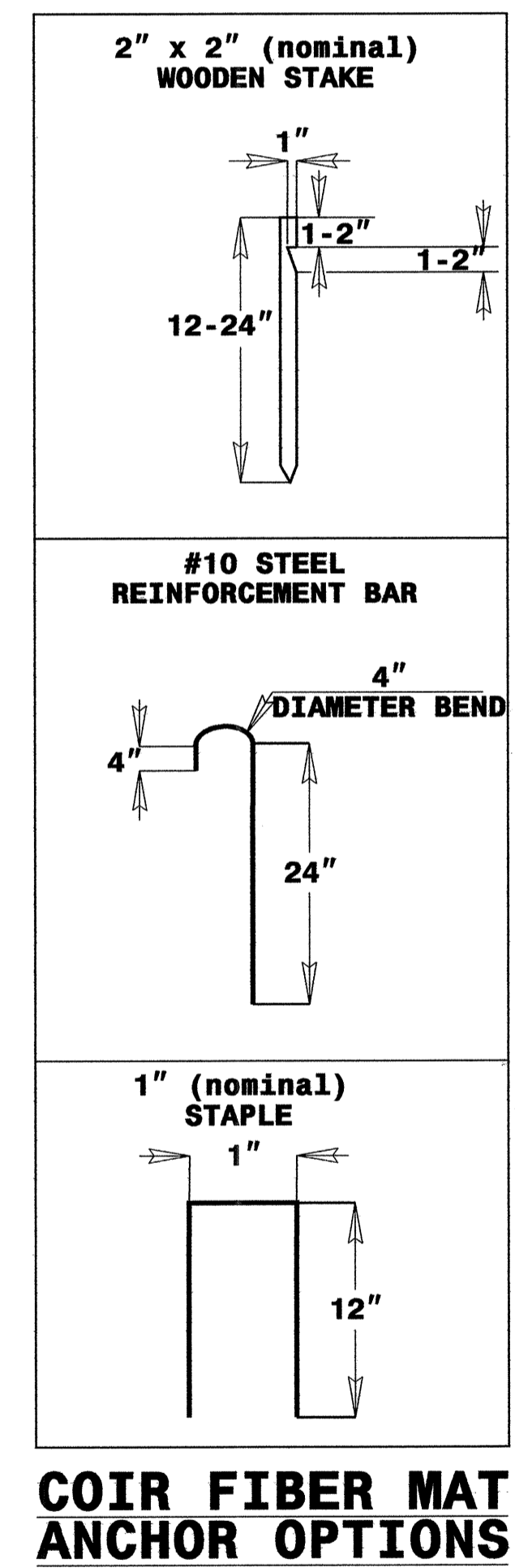
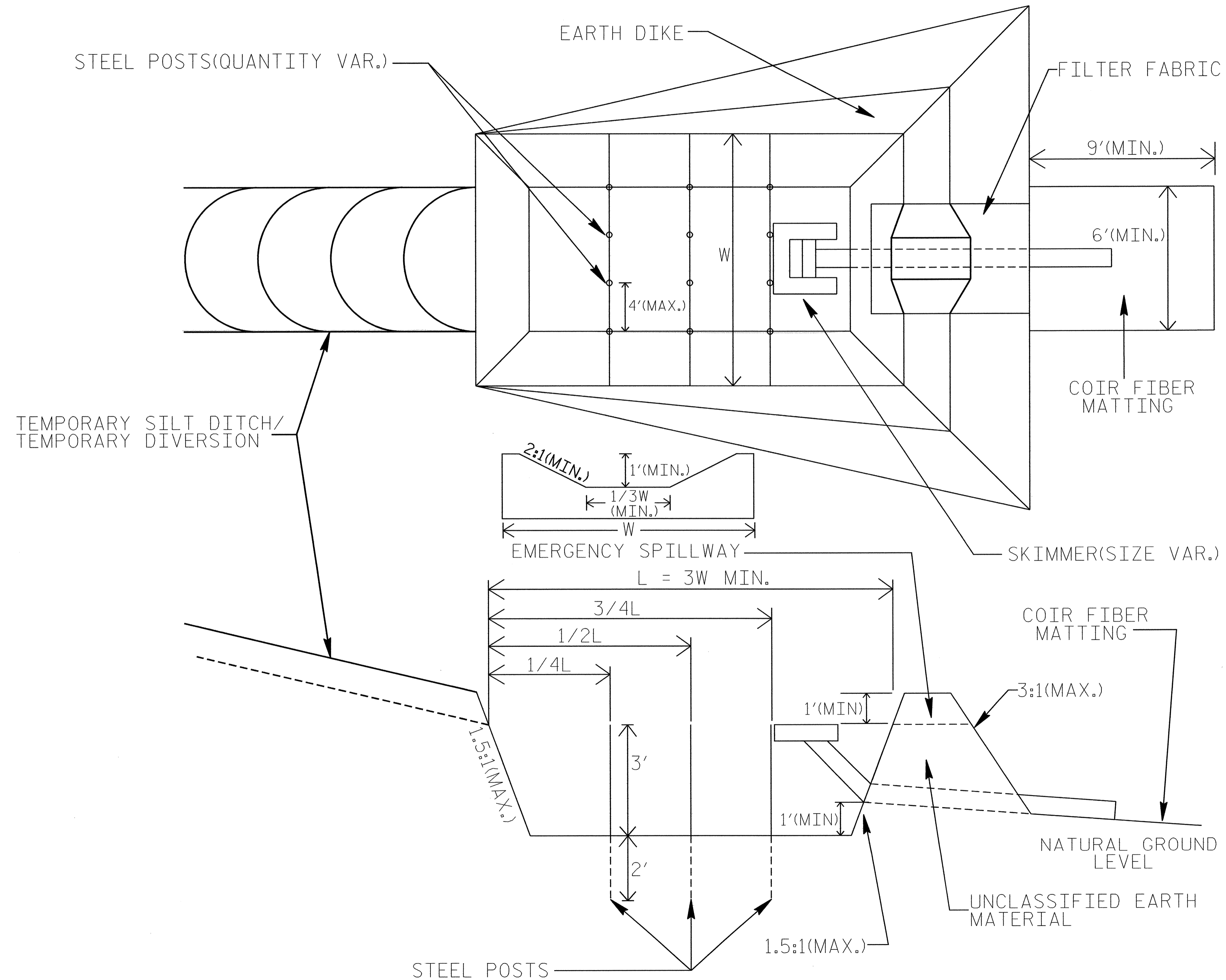
PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-2A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

COIR FIBER BAFFLE DETAIL



SKIMMER BASIN WITH BAFFLES DETAIL

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



PROJECT REFERENCE NO. <i>R-2606A</i>	SHEET NO. <i>EC-2C</i>
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SPECIAL SEDIMENT CONTROL FENCE DETAIL

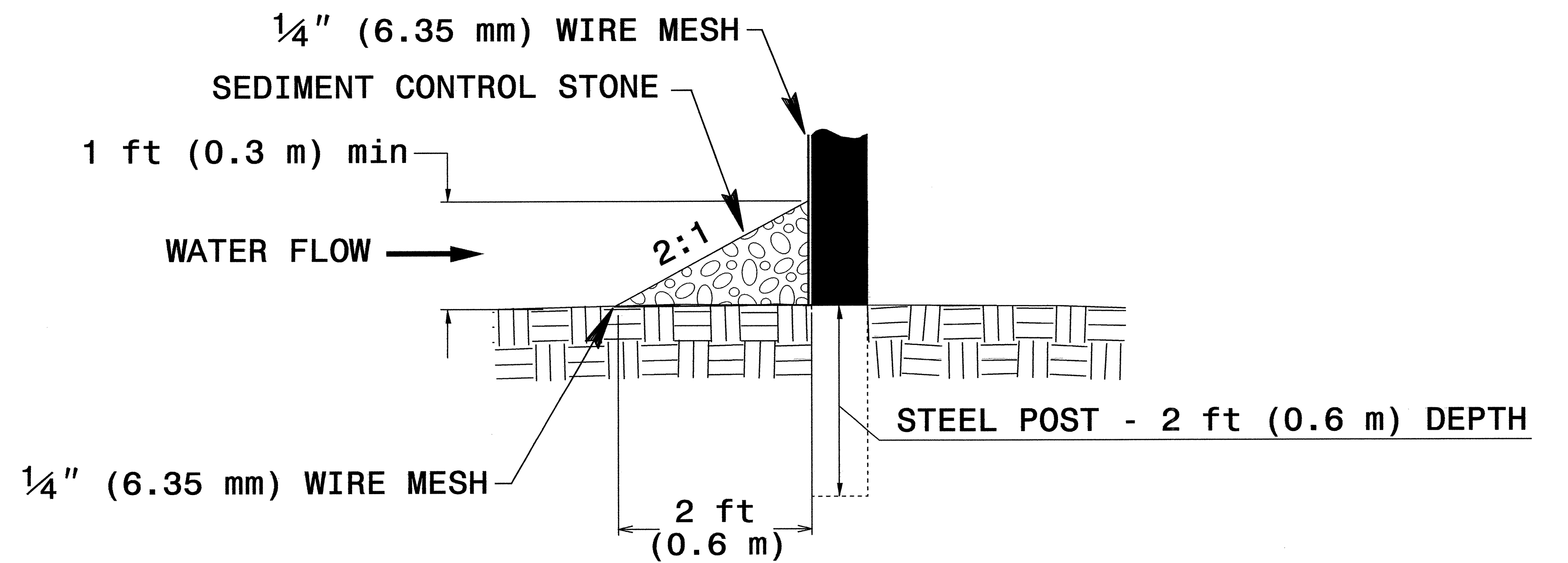
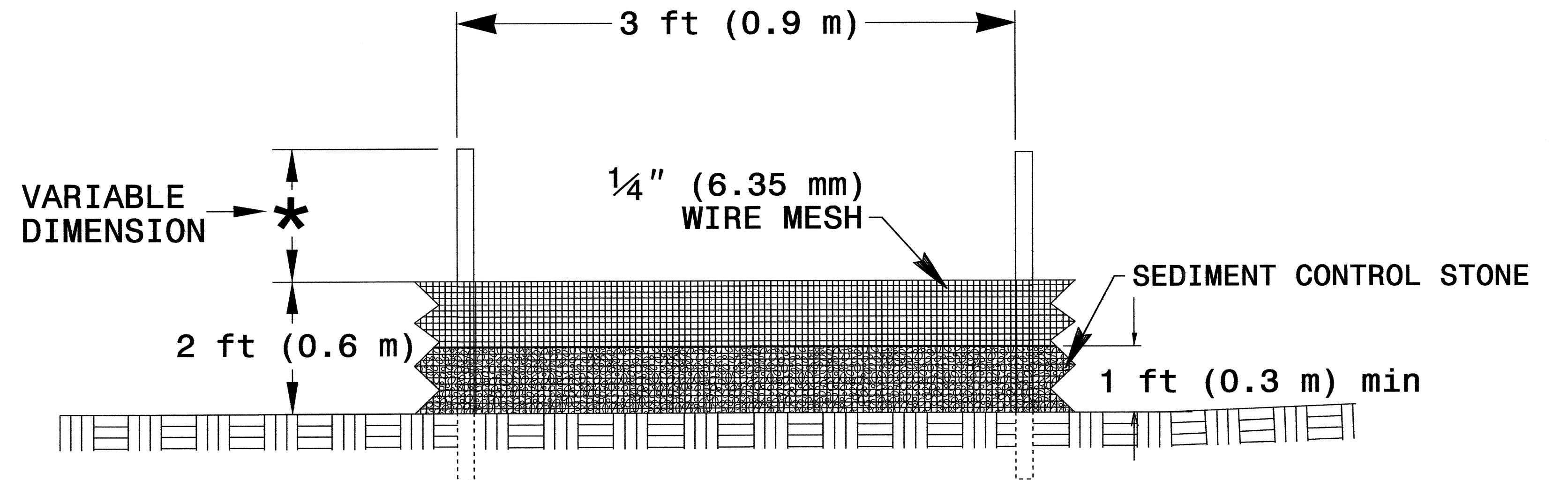
GENERAL NOTES:

USE NO. 5 OR NO. 57 STONE FOR SEDIMENT CONTROL.

USE HARDWARE CLOTH 24 GAUGE WIRE MESH WITH 1/4" (6.35 MM) MESH OPENINGS.

INSTALL 5 FT. (1.5 M) SELF FASTENER ANGLE STEEL POST 2 FT. (0.6 M) DEEP MINIMUM.

SPACE POST A MAXIMUM OF 3 FT (0.9 M).



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJ. REFERENCE NO. R-2606A	SHEET NO. EC-3	TOTAL SHEETS
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

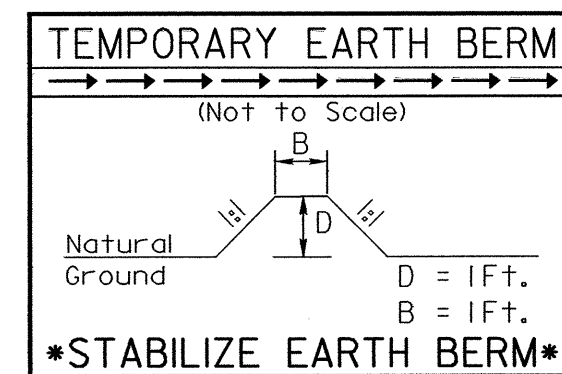
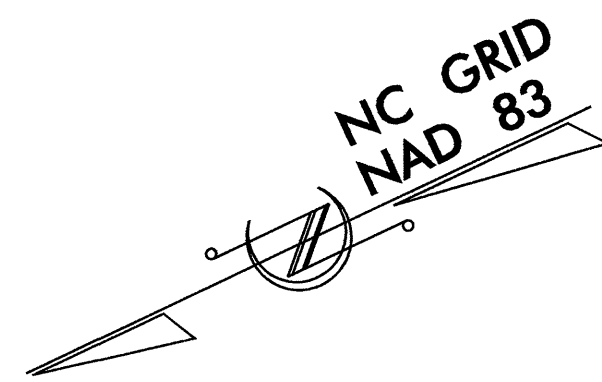
SOIL STABILIZATION SUMMARY SHEET

MATTING

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
4-5	-L-	11+00	21+40	RT	700
4-5	-L-	10+00	21+40	MED	1,015
4-5	-L-	10+00	19+75	LT	655
5-6	-L-	26+20	35+00	RT	590
5-6	-L-	26+00	35+00	LT	605
5-9	-L-	24+50	76+00	MED	5,190
6	-Y-	12+00	13+50	LT	80
6-7	-L-	36+50	43+50	LT	430
6-7	-L-	37+00	43+00	RT	410
7	-GR-	20+00	23+90	LT	210
7-8	-L-	52+50	57+50	RT	345
7-8	-L-	45+50	66+00	LT	1,055
8-9	-GR-	31+60	40+40	LT	630
8-9	-GR-	34+50	46+20	RT	540
9	-L-	78+50	82+00	RT	400
9-10	-L-	76+00	87+50	LT	525
10	-GR-	55+57	60+57	RT	285
10-11	-GR-	56+60	77+60	LT	1,545
10-11	-RAMPC-	4+00	6+64	LT	180
11-12	-L-	112+50	129+00	MED	1,465
11-12	-L-	124+50	130+50	LT	435
12	-L-	130+50	132+29	RT	120
12	-DRIVE7-	11+00	14+00	RT	160
12	-DRIVE7-	11+00	14+00	LT	160
13	-Y2-	15+05	17+40	RT	165
13-14	-Y2-	15+50	21+50	LT	390
14	-Y1-	14+00	19+50	RT	310
14	-Y1-	14+00	18+50	LT	305
14	-Y2-	22+56	28+00	LT	340
14A	-Y2-	29+15	30+83	RT	90

MATTING

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SY)
14A	-Y2-	32+25	34+00	LT	95
15	-Y1-	43+00	46+00	RT	205
15	-Y1-	42+50	46+00	LT	205
				SUBTOTAL	19,835
	MISCELLANEOUS MATTING TO BE INSTALLED AS DIRECTED BY THE ENGINEER				6,935
				TOTAL	26,770
				SAY	26,800



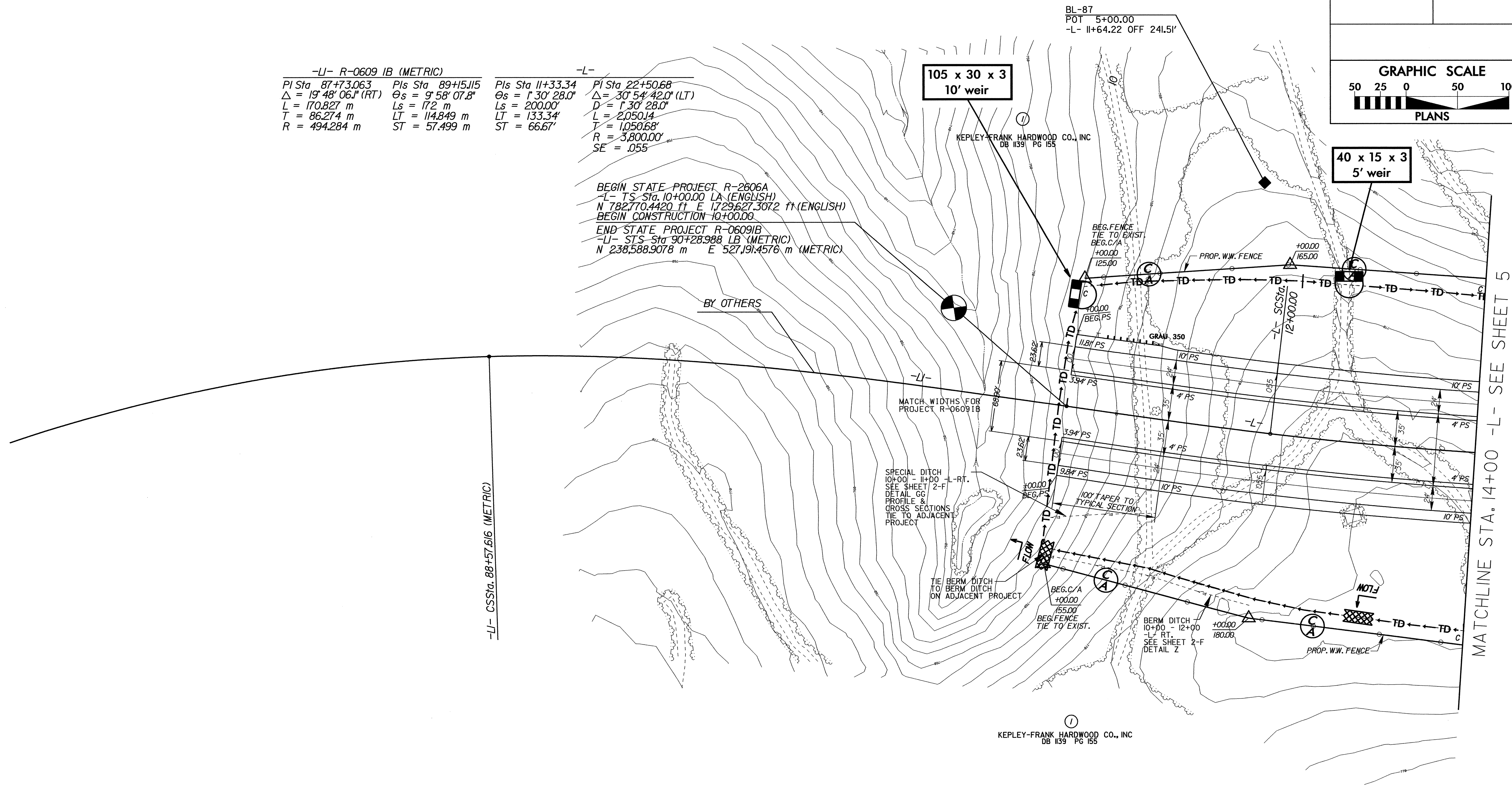
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4

PROJECT REFERENCE NO. R-2606A		SHEET NO. EC-4/CONST.4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
GRAPHIC SCALE 50 25 0 50 100 PLANS			

-L- R-0609 IB (METRIC)		-L-	
PI Sta 87+73.063	PIs Sta 89+15.115	PIs Sta 11+33.34	PI Sta 22+50.68
$\Delta = 19^{\circ} 48' 06.1''$ (RT)	$\Theta_s = 9^{\circ} 58' 07.8''$	$\Theta_s = 1^{\circ} 30' 28.0''$	$\Delta = 30^{\circ} 54' 42.0''$ (LT)
L = 170.827 m	Ls = 17.2 m	Ls = 200.00'	D = 1.30' 28.0'
T = 86.274 m	LT = 114.849 m	LT = 133.34'	L = 2,050.14'
R = 494.284 m	ST = 57.499 m	ST = 66.67'	T = 1,050.68'
			R = 3,800.00'
			SE = .055

BEGIN STATE PROJECT R-2606A
 -L- TS Sta. 10+00.00 LA (ENGLISH)
 N 782,770.4420 ft E 1,729,627.3072 ft (ENGLISH)
 BEGIN CONSTRUCTION 10+00.00
 END STATE PROJECT R-0609IB
 -L- STs Sta 90+28.988 LB (METRIC)
 N 238,588.9078 m E 527,191.4576 m (METRIC)



-L- CSSta. 88+57.616 (METRIC)

MATCHLINE STA. 14+00 -L- SEE SHEET 5

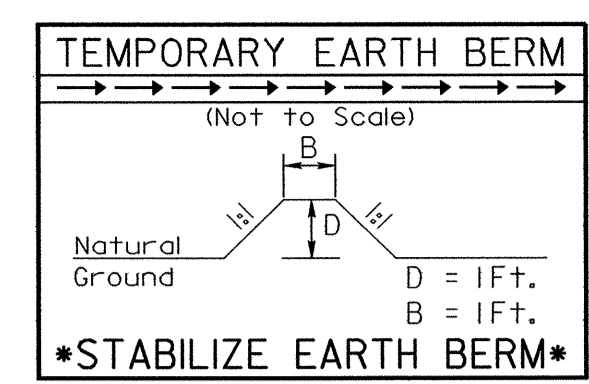
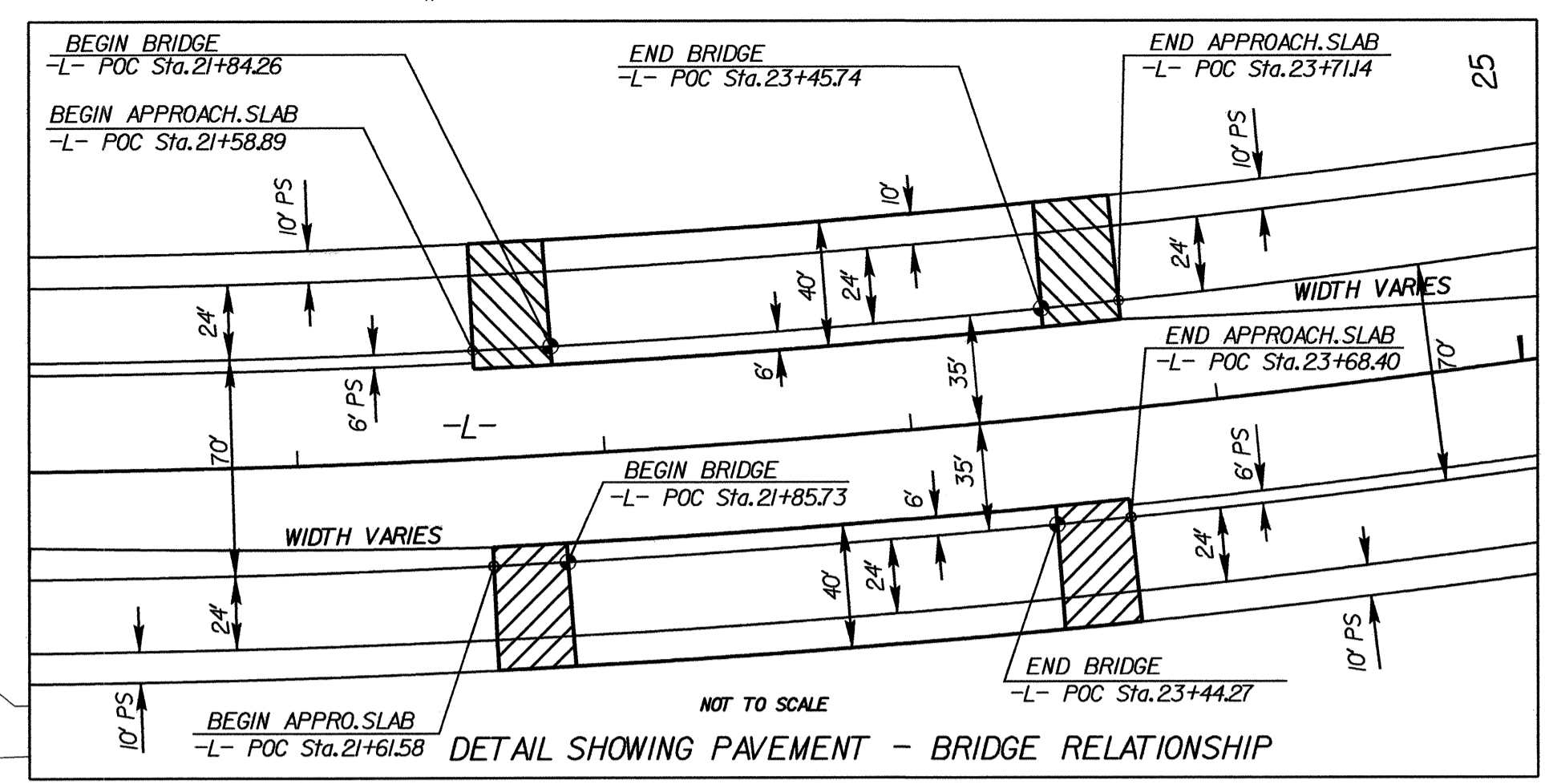
RIGHT OF WAY ON PARCELS 1 & 2 TO BE ACQUIRED UNDER ADJACENT PROJECT R-609 IB
 PARCEL 1 ACCESS PROVIDED UNDER R-609IB

FOR -L- PROFILE SEE SHEET 16

◊ DENOTES FALSE SUMP
 SEE DETAIL SHEET 2-D

USER: **USER**
 DATE: **DATE**
 DRAWN: **DRAWN**

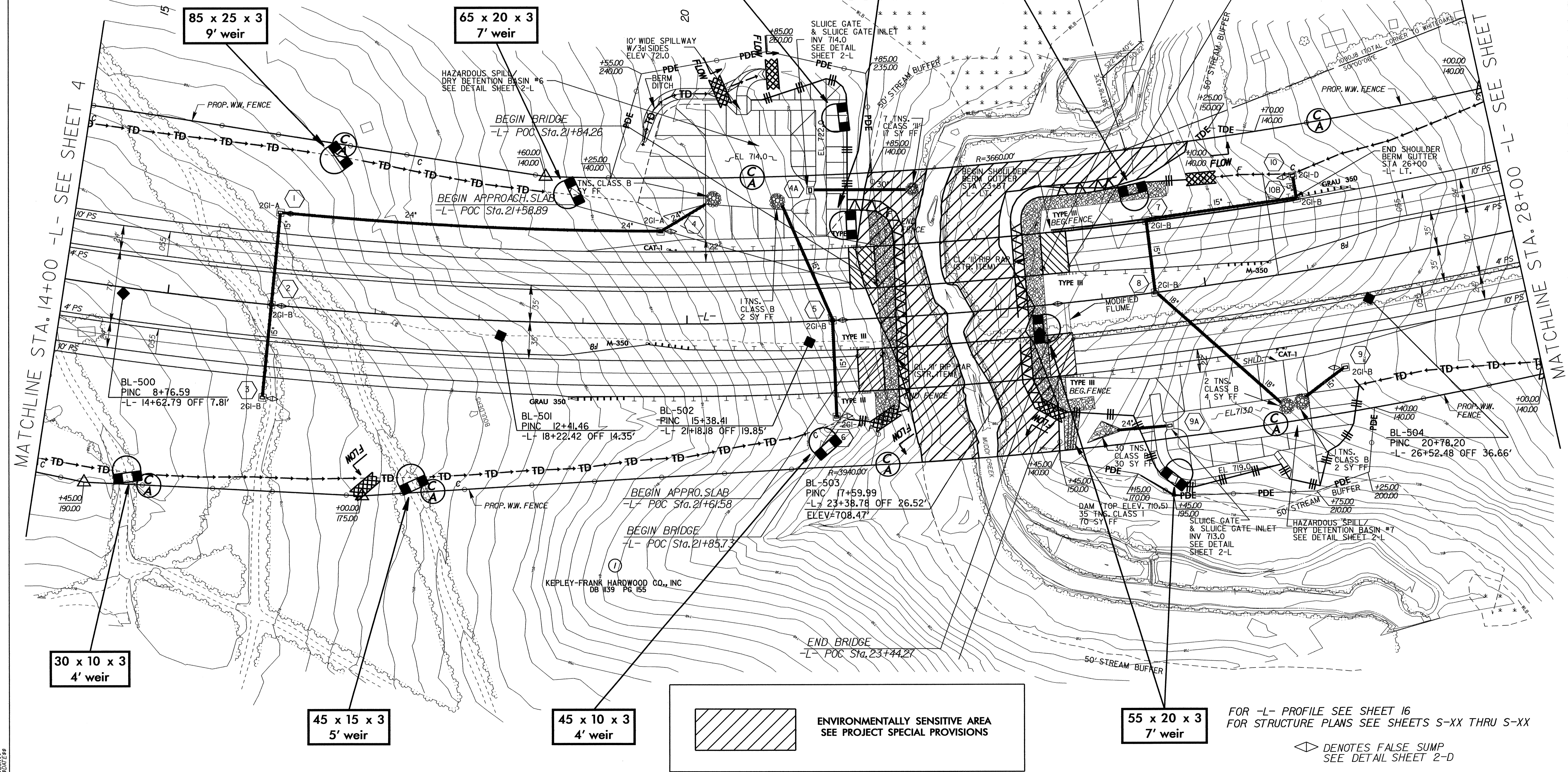
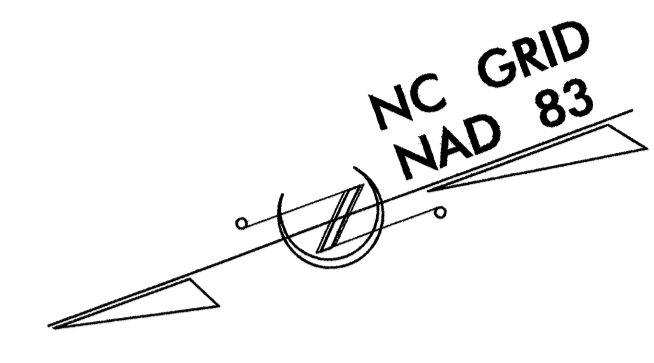
PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-5/CONST.5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
GRAPHIC SCALE 50 25 0 50 100 PLANS	



NOTE: UTILIZE TEMPORARY ROCK SEDIMENT DAM TYPE - B AS STILLING BASIN WHERE APPLICABLE.

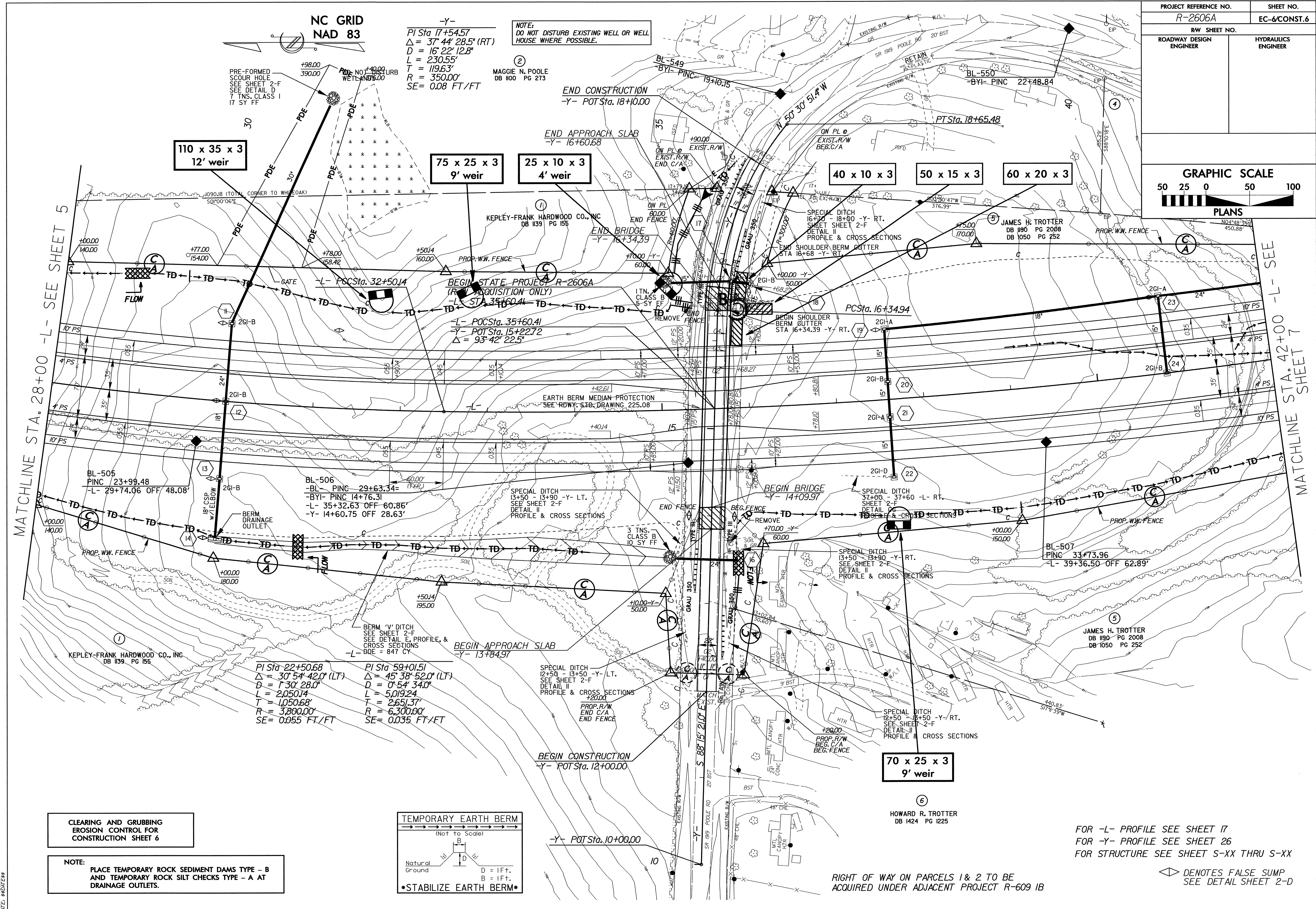
NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 5



USER: #/USER#
DATE: #/##/##

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-6/CONST.6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
GRAPHIC SCALE	
50 25 0 50 100	
PLANS	



NC GRID
NAD 83

$\Delta = 37^\circ 44' 28.5''$ (RT)
 $D = 16' 22'' 12.8''$
 $L = 230.55'$
 $T = 119.63'$
 $R = 350.00'$
 $SE = 0.08$ FT/FT

NOTE:
DO NOT DISTURB EXISTING WELL OR WELL HOUSE WHERE POSSIBLE.

MAGGIE N. POOLE
DB 100 PG 273

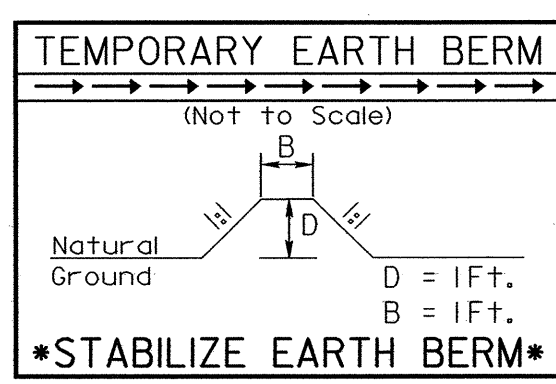
JAMES H. TROTTER
DB 1190 PG 2008
DB 1050 PG 252

JAMES H. TROTTER
DB 1190 PG 2008
DB 1050 PG 252

HOWARD R. TROTTER
DB 1424 PG 1225

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 6

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



FOR -L- PROFILE SEE SHEET 17
 FOR -Y- PROFILE SEE SHEET 26
 FOR STRUCTURE SEE SHEET S-XX THRU S-XX

◊ DENOTES FALSE SUMP
 SEE DETAIL SHEET 2-D

RIGHT OF WAY ON PARCELS 1 & 2 TO BE ACQUIRED UNDER ADJACENT PROJECT R-609 1B

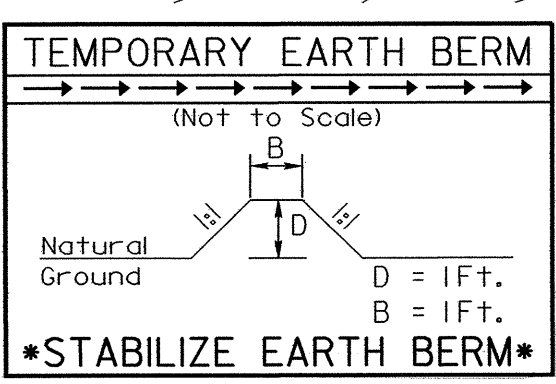
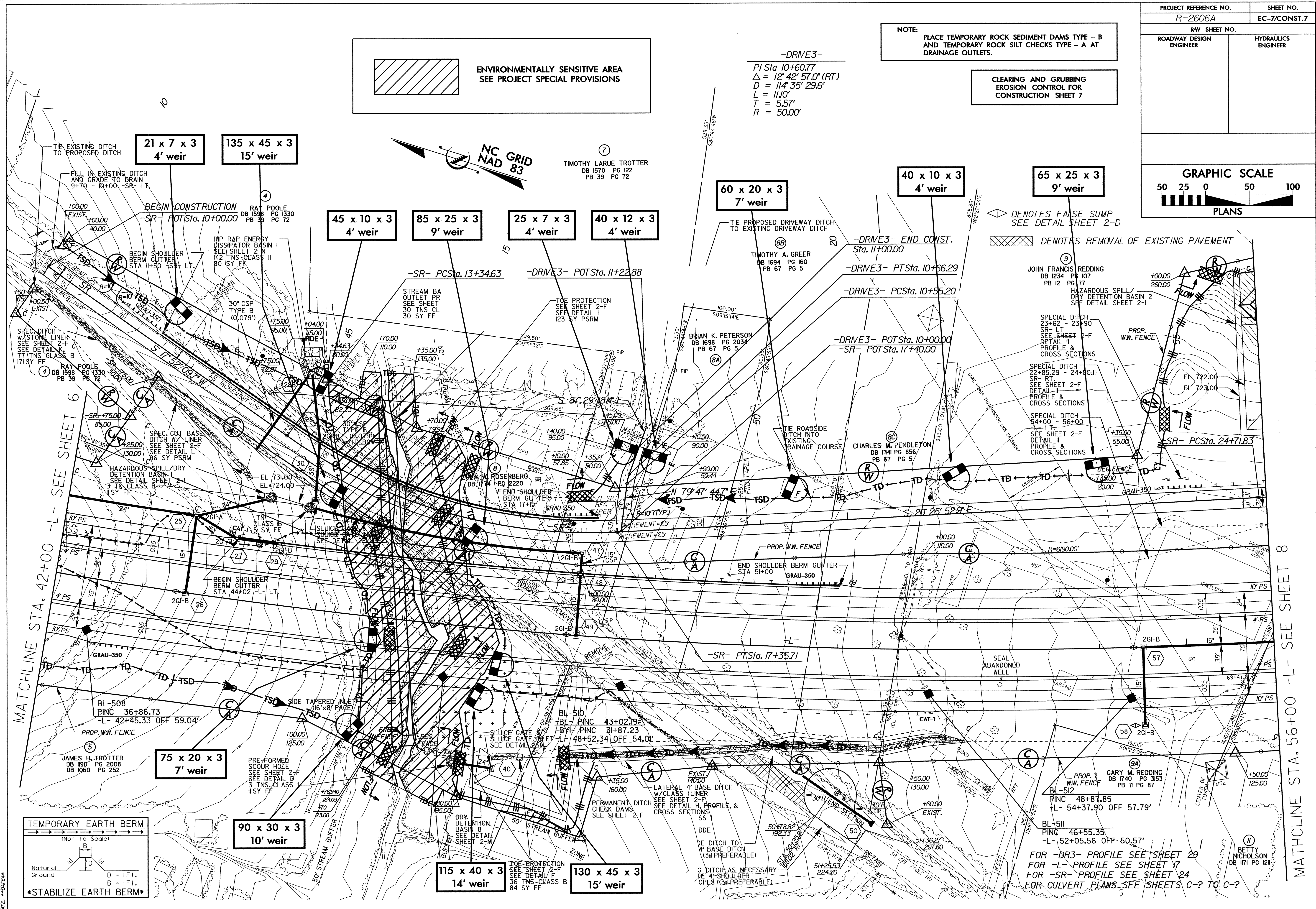
USER: #SUSERS#
DATE: #DATE#

 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 7

-DRVE3-
PI Sta. 10+60.77
 $\Delta = 12^{\circ} 42' 57.0''$ (RT)
 $D = 114^{\circ} 35' 29.6''$
 $L = 1110'$
 $T = 55.7'$
 $R = 50.00'$



FOR -DR3- PROFILE SEE SHEET 29
FOR -L- PROFILE SEE SHEET 17
FOR -SR- PROFILE SEE SHEET 24
FOR CULVERT PLANS SEE SHEETS C-2 TO C-7

USER: #856789
 DATE: 08/20/2008

MATHLINE STA. 56+00 -L- SEE SHEET 8

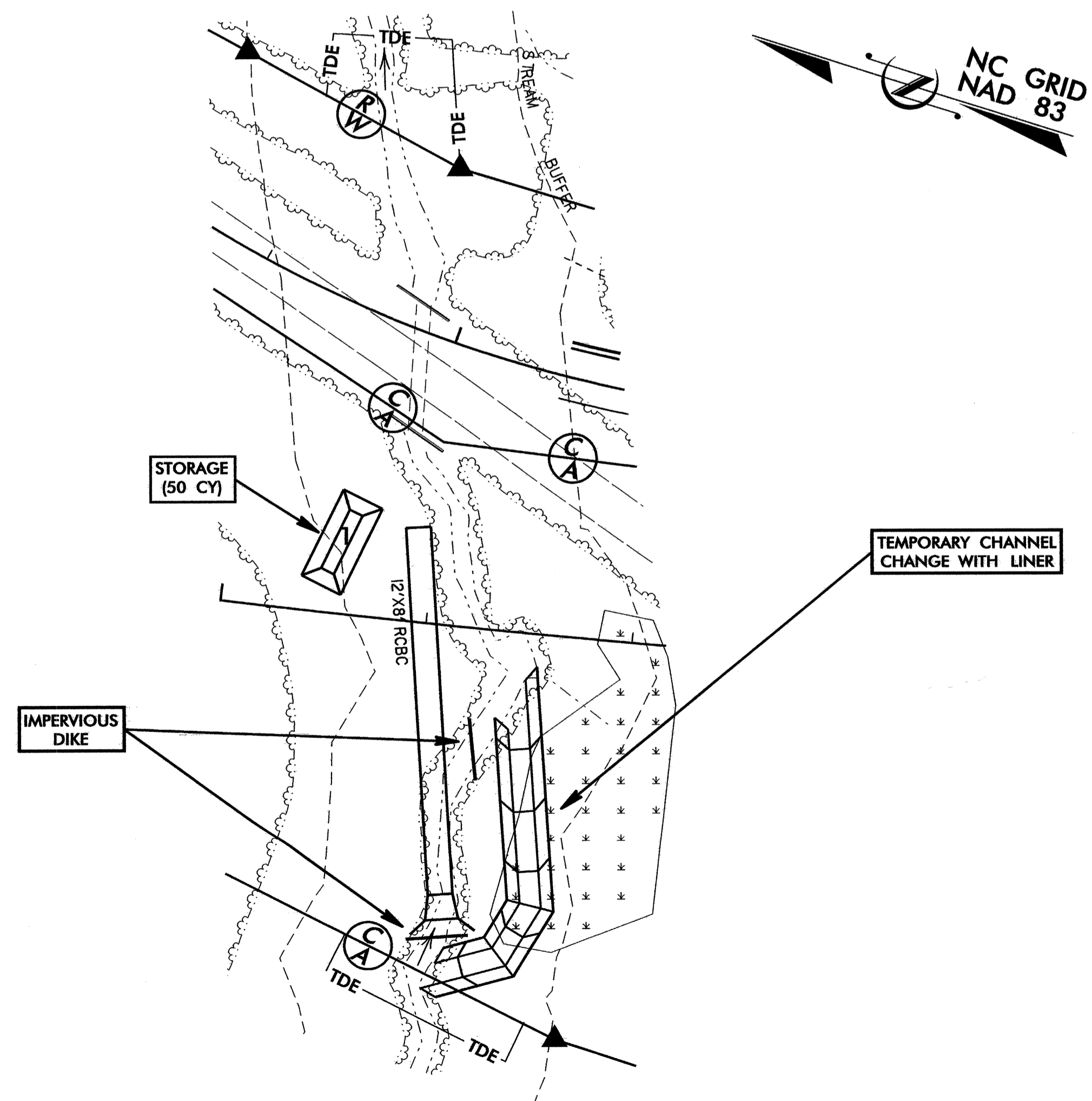
MATHLINE STA. 42+00 -L- SEE SHEET 6

CULVERT CONSTRUCTION SEQUENCE STA. 45+99 -L-

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-8/CONST.7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

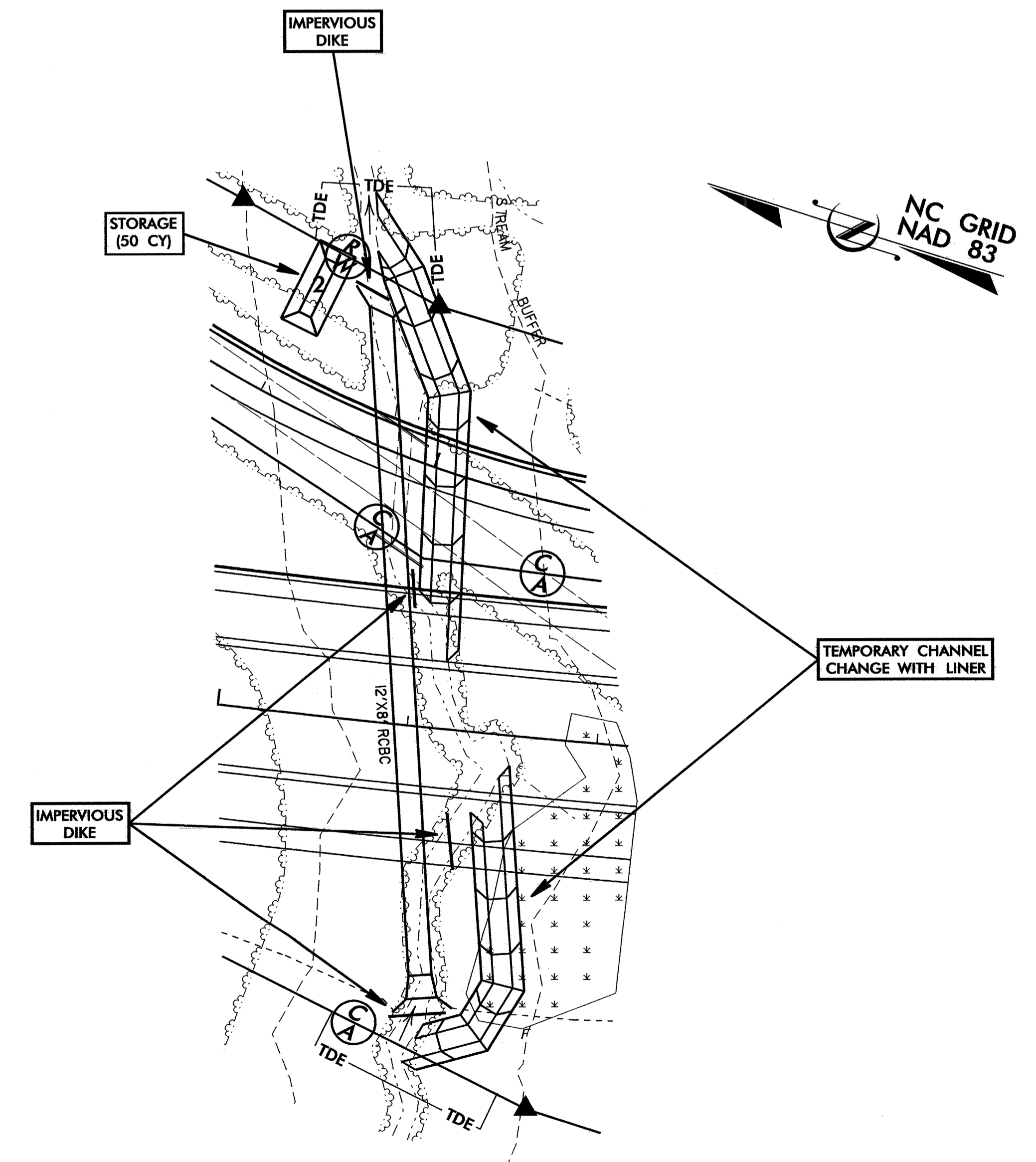
PHASE I

1. CONSTRUCT STILLING BASIN 1 (50 CY).
2. CONSTRUCT PHASE I IMPERVIOUS DIKES AND TEMPORARY CHANNEL CHANGE WITH LINER (10FT BASE, 3FT DEEP, 2:1 SIDE SLOPES), DIVERTING FLOW.
3. CONSTRUCT APPROXIMATELY 190 FEET OF THE UPSTREAM END OF THE CULVERT AND ANY NECESSARY CHANNEL IMPROVEMENTS, MAINTAINING TRAFFIC ON POOLE ROAD (-Y- /-SR-).
4. REMOVE STILLING BASIN 1.



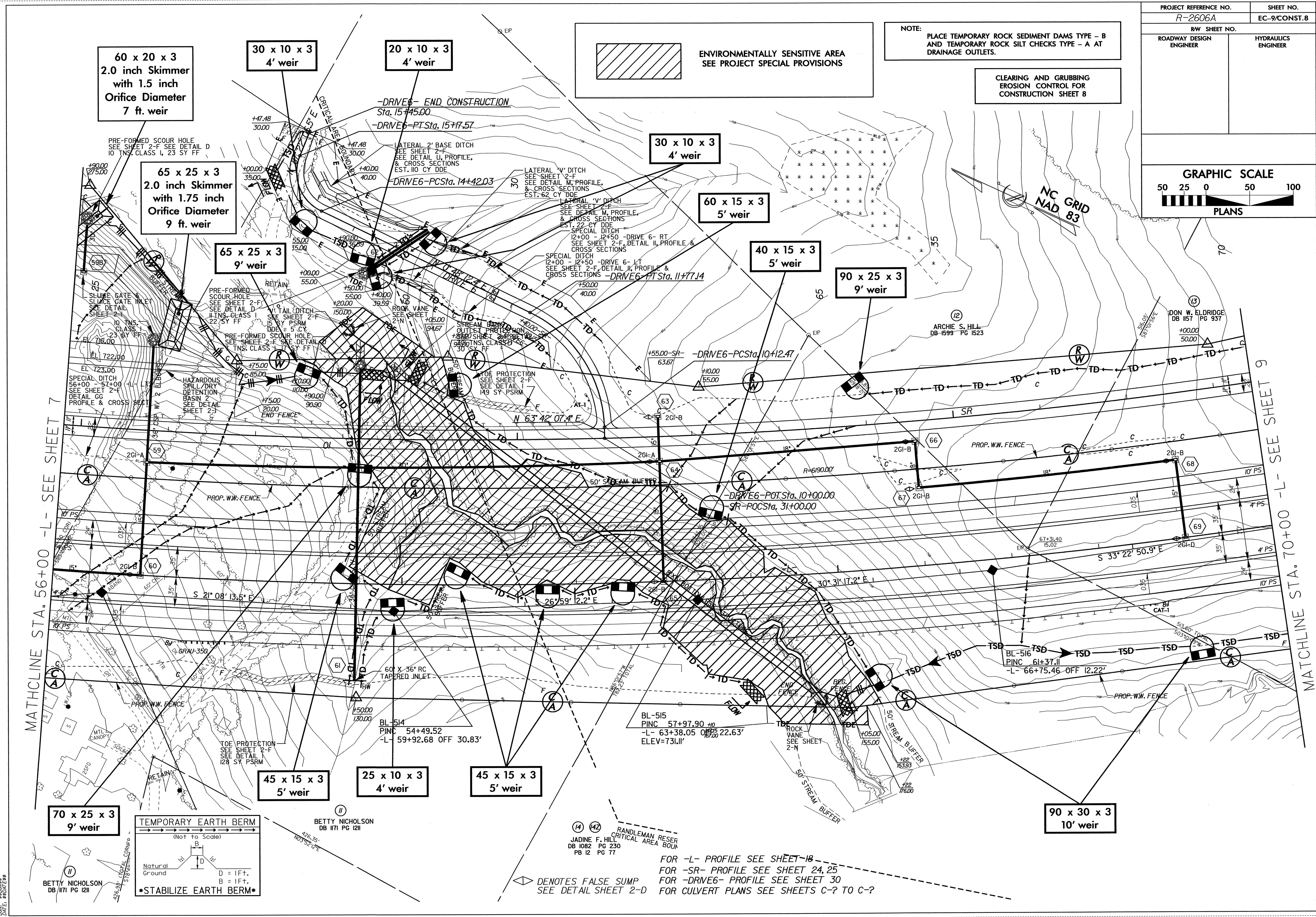
PHASE II

5. CLOSE POOLE ROAD TO TRAFFIC, AND CONSTRUCT STILLING BASIN 2 (50 CY).
6. CONSTRUCT PHASE II IMPERVIOUS DIKES AND TEMPORARY CHANNEL CHANGE WITH LINER (10FT BASE, 3FT DEEP, 2:1 SIDE SLOPES), DIVERTING FLOW.
7. REMOVE EXISTING 84 IN CMP.
8. CONSTRUCT REMAINDER OF THE CULVERT AND ANY NECESSARY CHANNEL IMPROVEMENTS.
9. REMOVE IMPERVIOUS DIKES AND TEMPORARY CHANNEL CHANGES, DIVERTING FLOW THROUGH CULVERT.
10. COMPLETE ROADWAY.



PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-9/CONST.8
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

GRAPHIC SCALE	
50	25 0 50 100
PLANS	



ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 8

60 x 20 x 3
2.0 inch Skimmer
with 1.5 inch
Orifice Diameter
7 ft. weir

30 x 10 x 3
4' weir

20 x 10 x 3
4' weir

65 x 25 x 3
2.0 inch Skimmer
with 1.75 inch
Orifice Diameter
9 ft. weir

65 x 25 x 3
9' weir

30 x 10 x 3
4' weir

60 x 15 x 3
5' weir

40 x 15 x 3
5' weir

90 x 25 x 3
9' weir

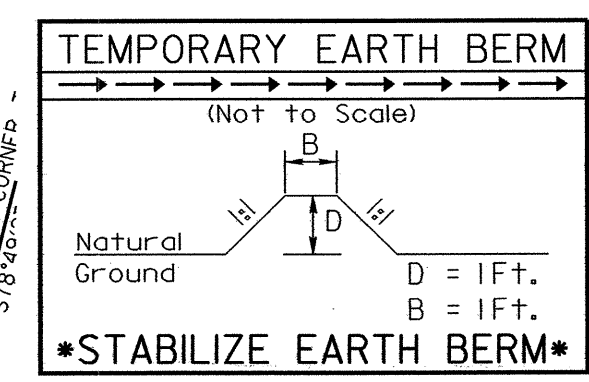
45 x 15 x 3
5' weir

25 x 10 x 3
4' weir

45 x 15 x 3
5' weir

70 x 25 x 3
9' weir

90 x 30 x 3
10' weir



◇ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D

FOR -L- PROFILE SEE SHEET 18
FOR -SR- PROFILE SEE SHEET 24, 25
FOR -DRIVE6- PROFILE SEE SHEET 30
FOR CULVERT PLANS SEE SHEETS C-? TO C-?

MATCHLINE STA. 56+00 -L- SEE SHEET 7

MATCHLINE STA. 70+00 -L- SEE SHEET 9

BETTY NICHOLSON
DB 1171 PG 1211

JADINE F. HILL
DB 1082 PG 230
PB 12 PG 77

ARCHIE S. HILL
DB 1599 PG 1523

DON W. ELDRIDGE
DB 1157 PG 937

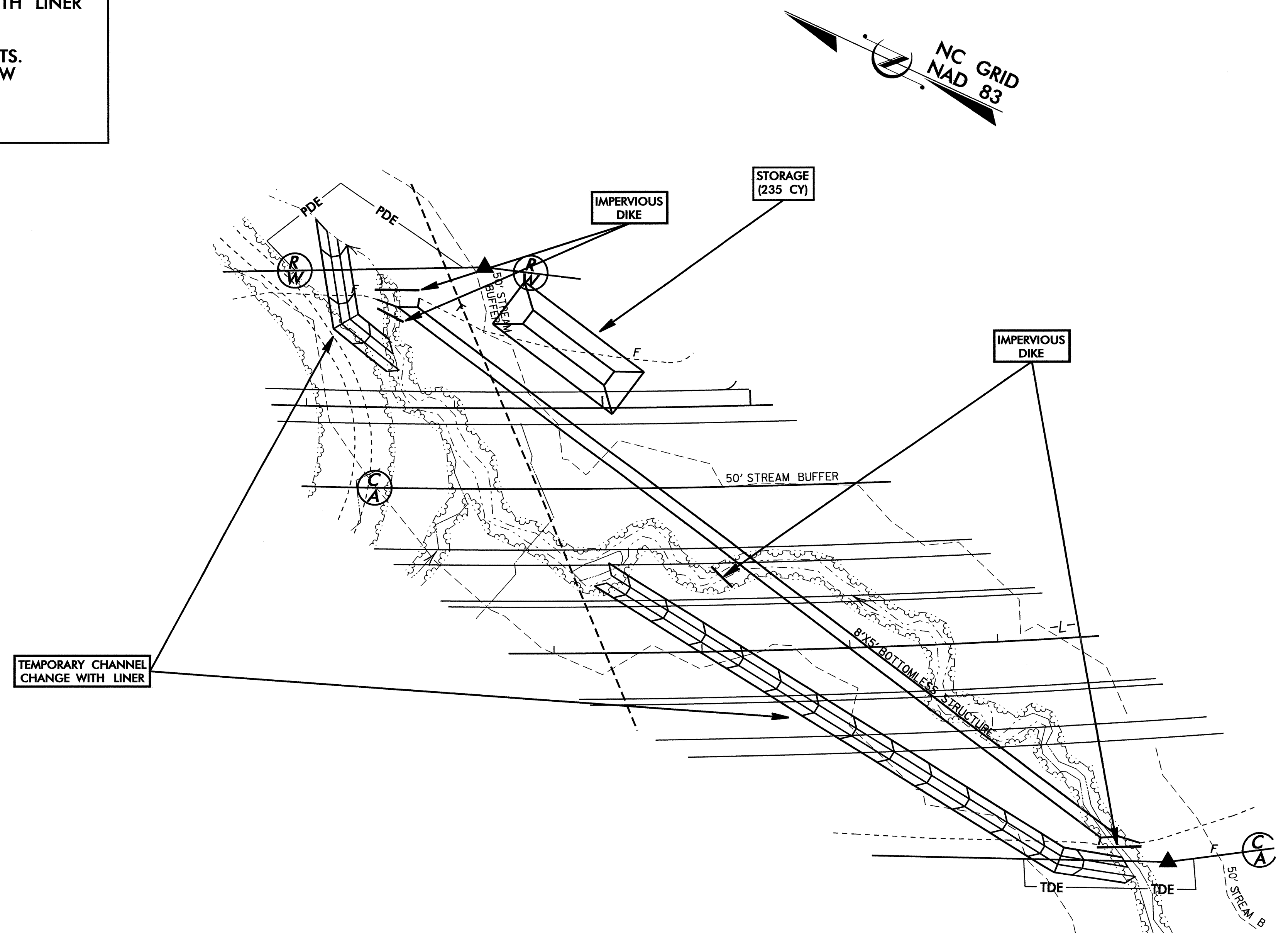
BETTY NICHOLSON
DB 1171 PG 1211

USER: #AUSER#
DATE: #DDMMYY#
TIME: #HHMMSS#

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-10/CONST.8
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CULVERT CONSTRUCTION SEQUENCE STA. 63+06 -L-

1. CONSTRUCT STILLING BASIN (235 CY).
2. CONSTRUCT IMPERVIOUS DIKES AND TEMPORARY CHANNEL CHANGES WITH LINER (6FT BASE, 3FT DEEP, 2:1 SIDE SLOPES), DIVERTING FLOW.
3. CONSTRUCT BOTTOMLESS CROWNSPAN/CONSPAN STRUCTURE.
4. CONSTRUCT ANY NECESSARY INLET AND OUTLET CHANNEL IMPROVEMENTS.
5. REMOVE IMPERVIOUS DIKES AND TEMPORARY CHANNELS, DIVERTING FLOW THROUGH STRUCTURE.
6. COMPLETE ROADWAY.



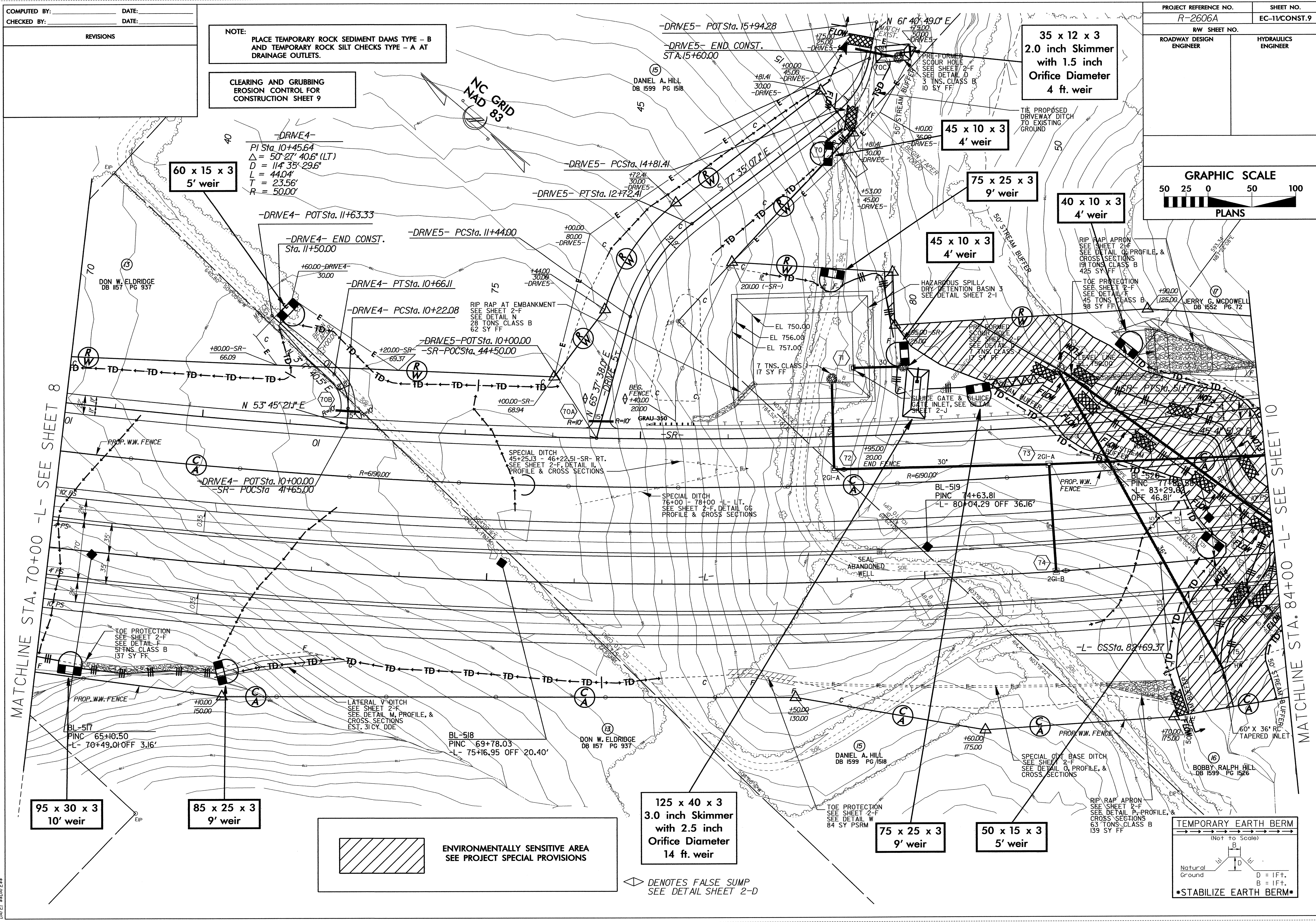
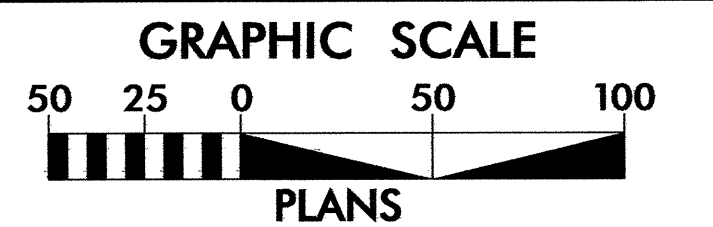
COMPUTED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____

REVISIONS

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 9

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-1VCONST.9
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE STA. 70+00 -L- SEE SHEET 8

MATCHLINE STA. 84+00 -L- SEE SHEET 10

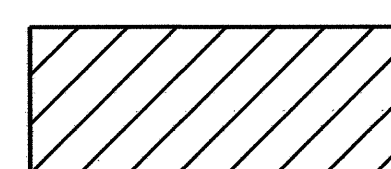
95 x 30 x 3
10' weir

85 x 25 x 3
9' weir

125 x 40 x 3
3.0 inch Skimmer
with 2.5 inch
Orifice Diameter
14 ft. weir

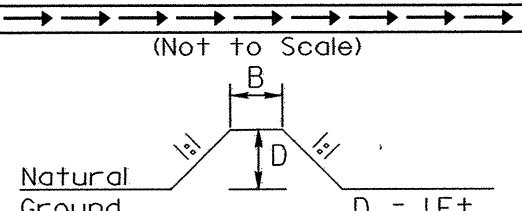
75 x 25 x 3
9' weir

50 x 15 x 3
5' weir

 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

 DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D

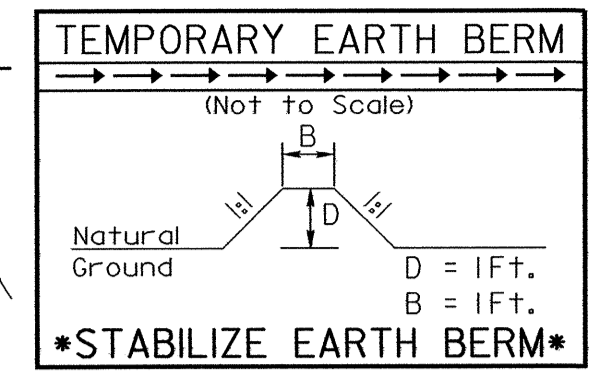
TEMPORARY EARTH BERM
(Not to Scale)



D = 1 Ft.
B = 1 Ft.
STABILIZE EARTH BERM

USER: #AUSER#
DATE: #DATE#
DRAWN: #DRAWN#

100 x 35 x 3
3.0 inch Skimmer
with 2.5 inch
Orifice Diameter
12 ft. weir



ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

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

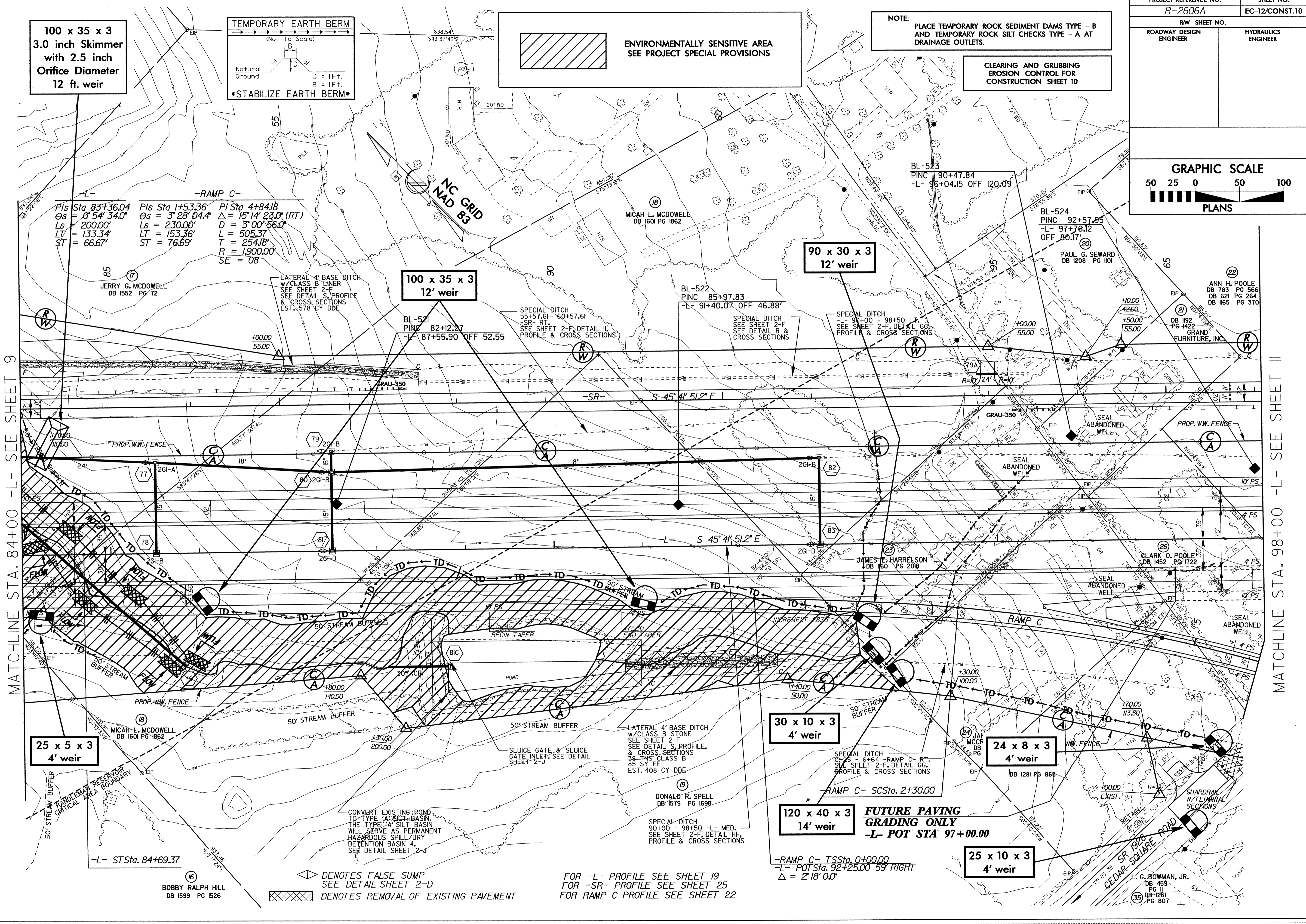
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 10

-RAMP C-

Pls Sta 83+36.04	Pls Sta 1+53.36	PI Sta 4+84.18
Os = 0' 54" 34.0"	Os = 3' 28" 04.4"	Δ = 15' 14" 23.0" (RT)
Ls = 200.00'	Ls = 230.00'	D = 5' 00" 56.0"
LT = 133.34'	LT = 153.36'	L = 505.37'
ST = 66.67'	ST = 76.69'	T = 254.18'
		R = 1,900.00'
		SE = 08

MATCHLINE STA. 84+00 -L- SEE SHEET 9

MATCHLINE STA. 98+00 -L- SEE SHEET 11



25 x 5 x 3
4' weir

100 x 35 x 3
12' weir

90 x 30 x 3
12' weir

30 x 10 x 3
4' weir

120 x 40 x 3
14' weir

24 x 8 x 3
4' weir

25 x 10 x 3
4' weir

**FUTURE PAVING
GRADING ONLY**
-L- POT STA 97+00.00

◇ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D

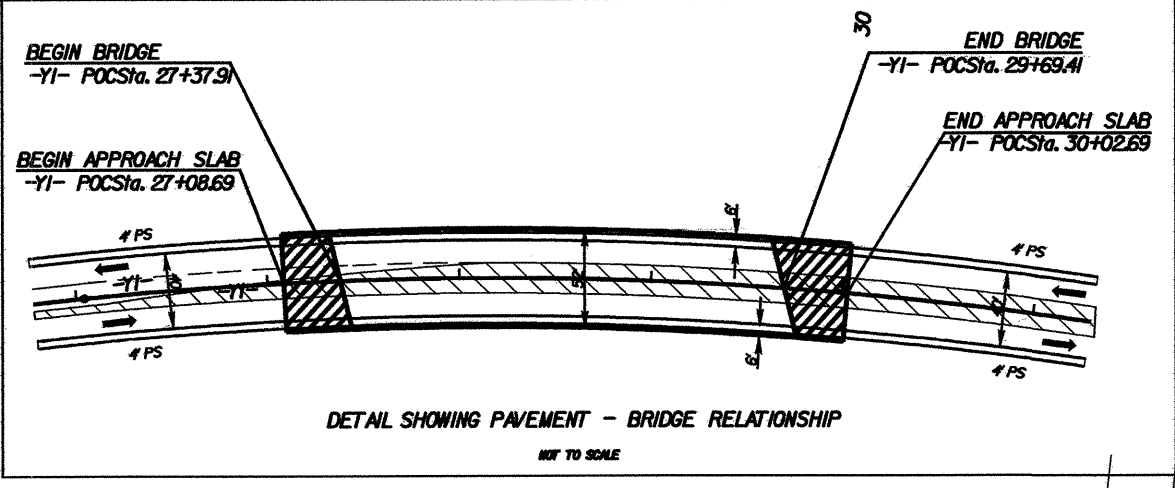
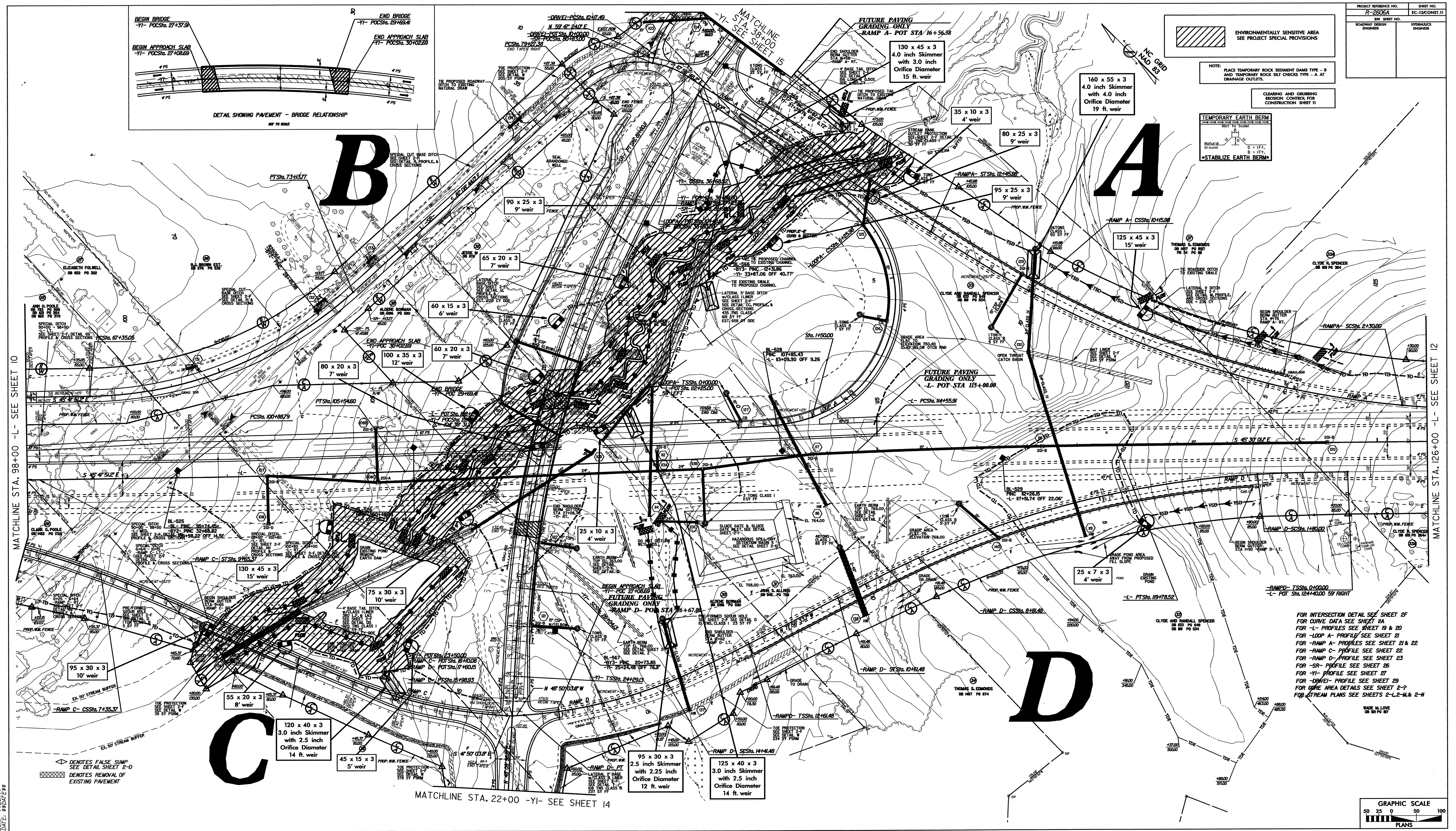
▨ DENOTES REMOVAL OF EXISTING PAVEMENT

FOR -L- PROFILE SEE SHEET 19
FOR -SR- PROFILE SEE SHEET 25
FOR RAMP C PROFILE SEE SHEET 22

BOBBY RALPH HILL
DB 1599 PG 1526

L. G. BOWMAN, JR.
DB 459
PG 11
DB 1261
PG 807

USER: #159988
DWG: EC-12/CONST.10
DATE: 12/01/2010



PROJECT REFERENCE NO. R-25026A	SHEET NO. EC-13CONST.11
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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

CLEANING AND GRADING ENDWORK CONTROL FOR CONSTRUCTION SHEET 11

TEMPORARY EARTH BERM

 0 = 1 FT.
 2 = 1 FT.
 STABILIZE EARTH BERM

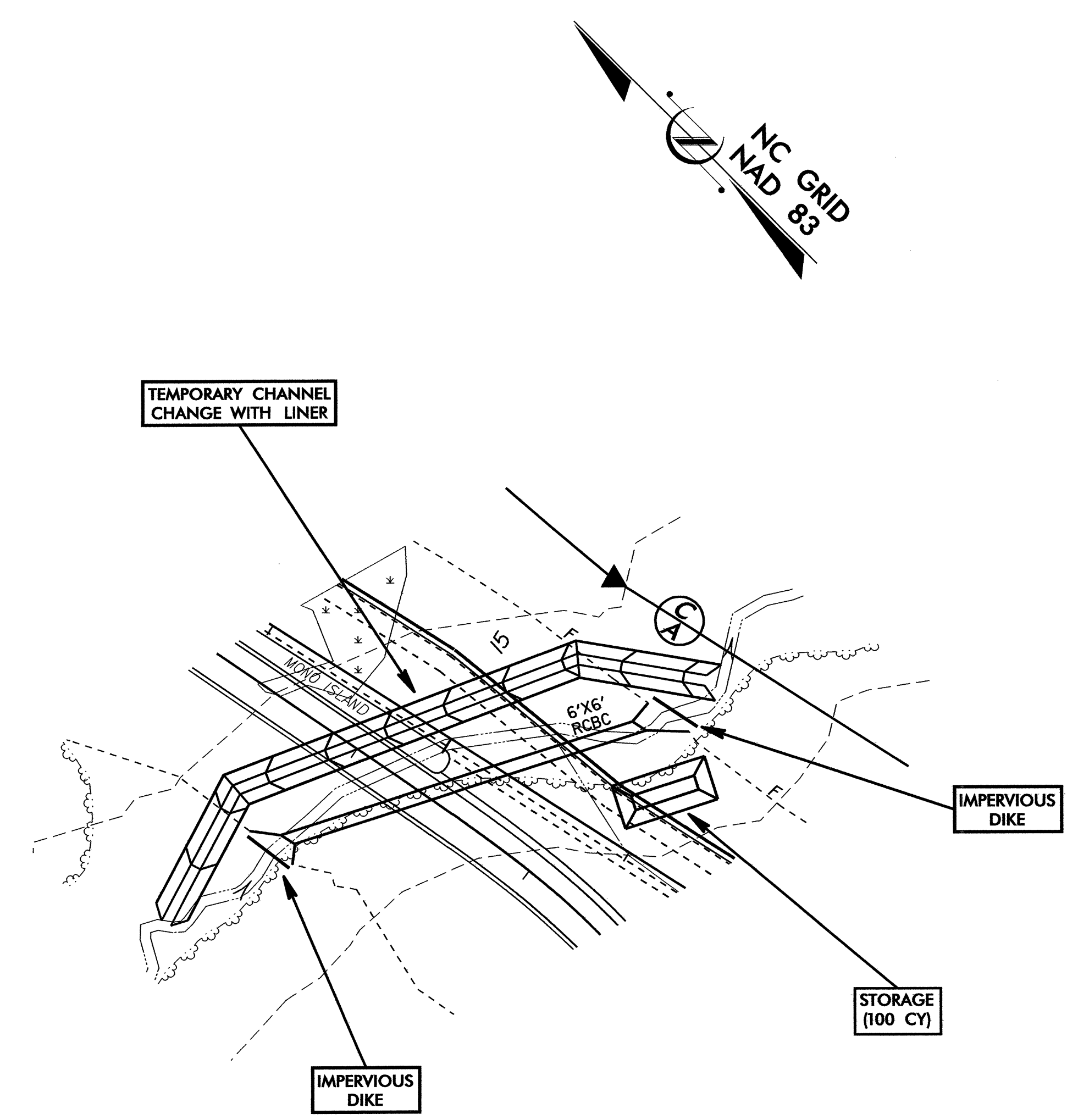
FOR INTERSECTION DETAIL SEE SHEET 2F
 FOR CURVE DATA SEE SHEET 1A
 FOR -L- PROFILES SEE SHEET 19 & 20
 FOR -LOOP A- PROFILE SEE SHEET 21
 FOR -RAMP A- PROFILES SEE SHEET 21 & 22
 FOR -RAMP C- PROFILE SEE SHEET 23
 FOR -SR- PROFILE SEE SHEET 26
 FOR -YI- PROFILE SEE SHEET 27
 FOR -DRAVEI- PROFILE SEE SHEET 29
 FOR SPEC. AREA DETAILS SEE SHEET 2-P
 FOR STREAM PLANS SEE SHEETS 2-L-2-M & 2-N

USER: 88428788
 DATE: 8/24/2011

PROJECT REFERENCE NO.	SHEET NO.
R-2606A	EC-14/CONST/11
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CULVERT CONSTRUCTION SEQUENCE STA. 14+72 -RAMPA-

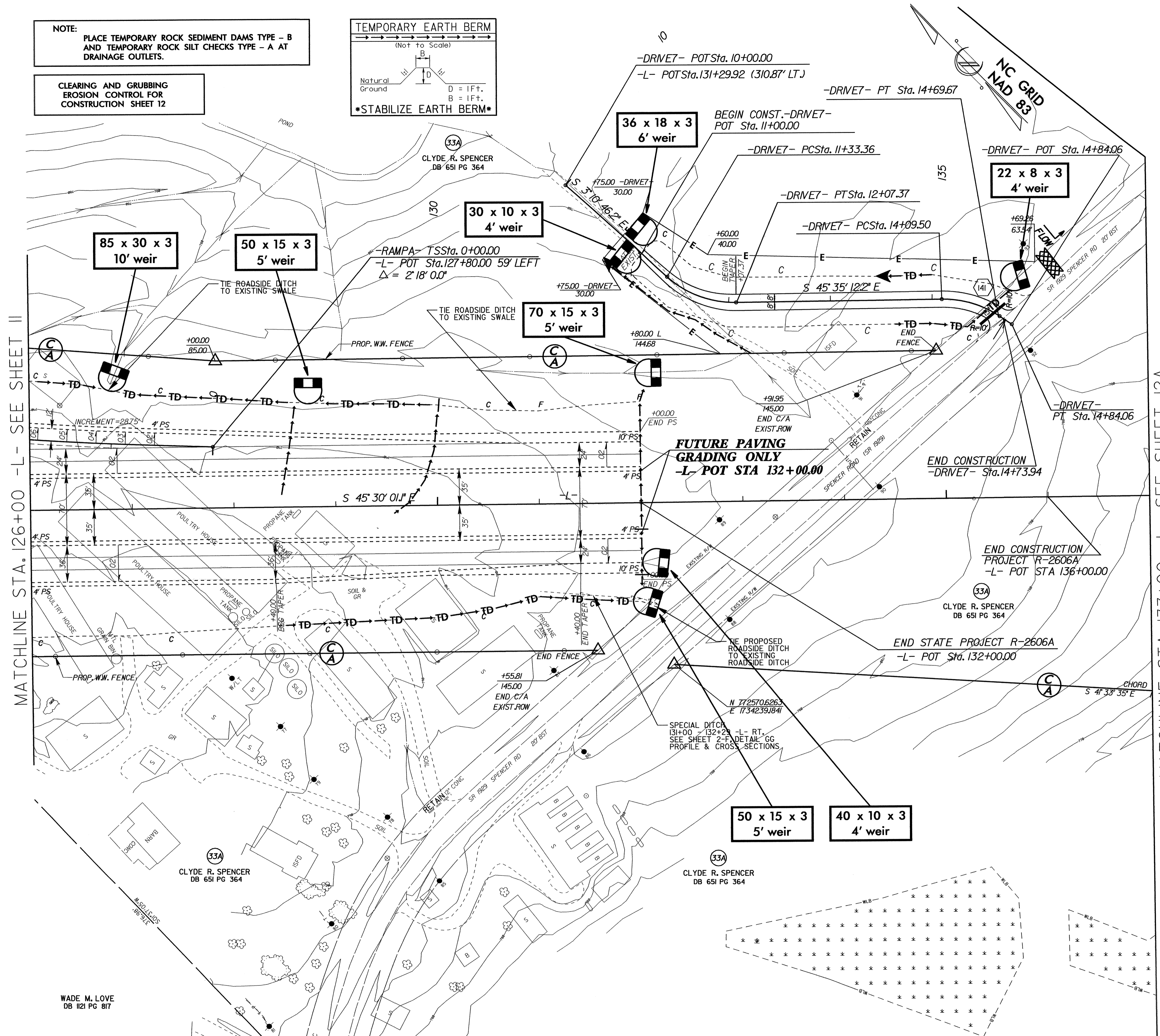
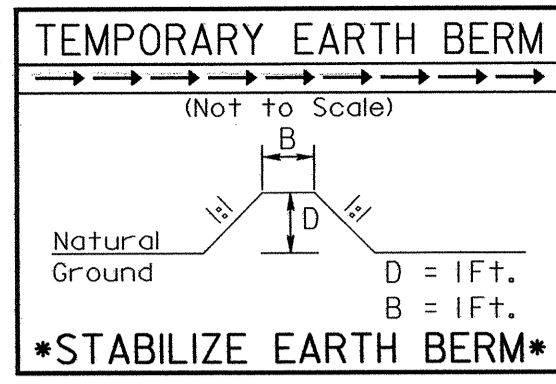
1. CONSTRUCT STILLING BASIN (100 CY).
2. CONSTRUCT IMPERVIOUS DIKES AND TEMPORARY CHANNEL CHANGE WITH LINER (5FT BASE, 3FT DEEP, 2:1 SIDE SLOPES), DIVERTING FLOW.
3. CONSTRUCT CULVERT AND ANY NECESSARY INLET AND OUTLET CHANNEL IMPROVEMENTS.
4. REMOVE IMPERVIOUS DIKES AND TEMPORARY CHANNEL, DIVERTING FLOW THROUGH CULVERT.
5. COMPLETE ROADWAY.



PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-15/CONST.12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
GRAPHIC SCALE 50 25 0 50 100 PLANS	

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 12



MATCHLINE STA. 126+00 - L- SEE SHEET 11

MATCHLINE STA. 137+00 - L- SEE SHEET 12A

WADE M. LOVE
DB 1121 PG 817

FOR RAMP A PROFILE SEE SHEET 21
FOR DRIVE 7 PROFILE SEE SHEET 30

USER: #00150000
DATE: #00150000

REVISIONS

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-16/CONST.13
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
GRAPHIC SCALE	
PLANS	

100 200	-SRI928-
6,600 12,000	100 100
1,600 2,600	4,500 8,800
6,000 11,400	9,500 18,200
TRAFFIC DIAGRAM 2005 ADT 2025 EST. ADT	
	-Y2-
	-SRI571-

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 13

-Y2-
PI Sta 18+23.99
Δ = 9° 54' 35.9" (RT)
D = 1' 47' 25.8"
L = 553.48'
T = 277.43'
R = 3,200.00'
SE = 04

NC GRID
NAD 83

40
JESSE R. EDMONDS
DB 94E PG 420
PB 5 PG 37

BL-554
-BY4- POT 5+00.00

25 x 5 x 3
4' weir

75 x 20 x 3

25 x 10 x 3

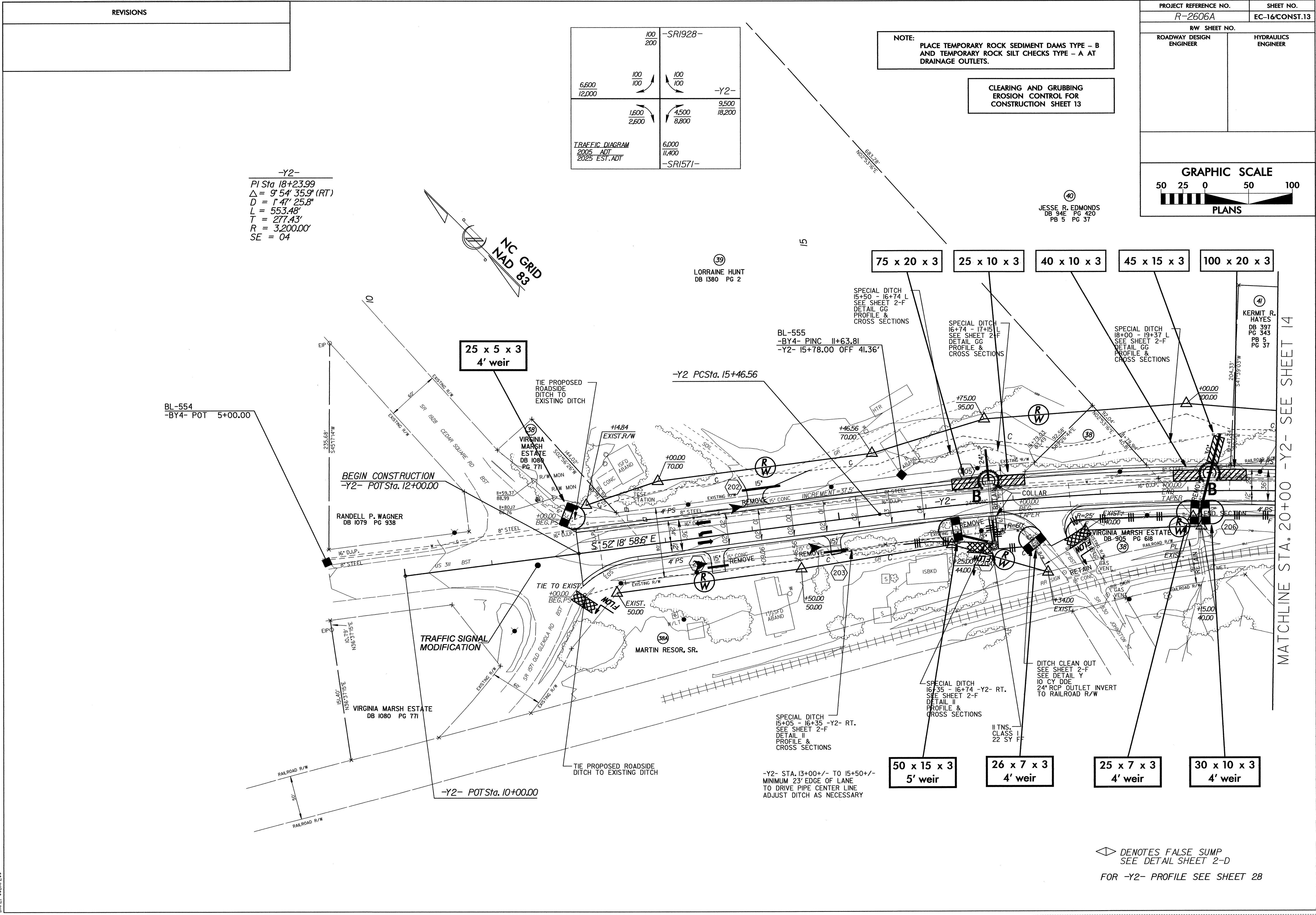
40 x 10 x 3

45 x 15 x 3

100 x 20 x 3

41
KERMIT R. HAYES
DB 397 PG 343
PB 5 PG 37

MATCHLINE STA. 20+00 -Y2- SEE SHEET 14



BEGIN CONSTRUCTION
-Y2- POT Sta. 12+00.00

TRAFFIC SIGNAL
MODIFICATION

-Y2- POT Sta. 10+00.00

-Y2 PCSta. 15+46.56

BL-555
-BY4- PINC II+63.81
-Y2- 15+78.00 OFF 41.36'

SPECIAL DITCH
15+05 - 16+35 -Y2- RT.
SEE SHEET 2-F
DETAIL II
PROFILE & CROSS SECTIONS

-Y2- STA. 13+00+/- TO 15+50+/-
MINIMUM 23' EDGE OF LANE
TO DRIVE PIPE CENTER LINE
ADJUST DITCH AS NECESSARY

50 x 15 x 3
5' weir

26 x 7 x 3
4' weir

25 x 7 x 3
4' weir

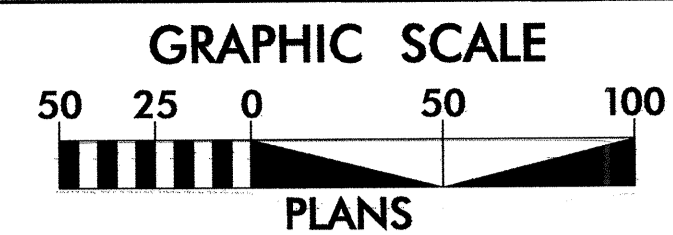
30 x 10 x 3
4' weir

◊ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D

FOR -Y2- PROFILE SEE SHEET 28

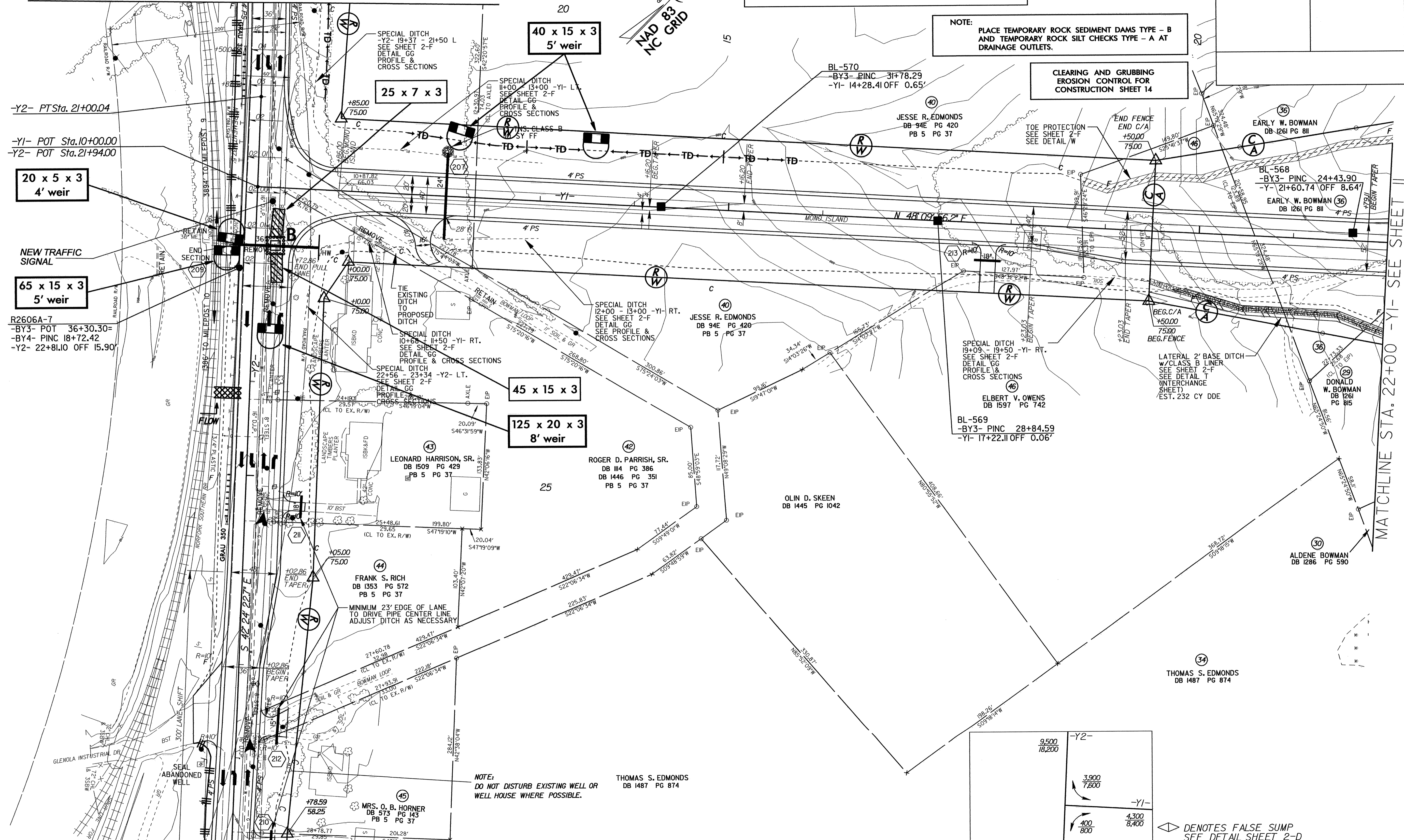
USER: #150588
DATE: 06/01/16
DWG: 16-16-13

PROJECT REFERENCE NO.	SHEET NO.
R-2606A	EC-17/CONST.14
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



REVISIONS

MATCHLINE STA. 20+00 -Y2- SEE SHEET 13



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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 14

-Y2- PTSta. 21+00.04
-Y1- POT Sta. 10+00.00
-Y2- POT Sta. 21+94.00

20 x 5 x 3
4' weir

65 x 15 x 3
5' weir

R2606A-7
-BY3- POT 36+30.30=
-BY4- PINC 18+72.42
-Y2- 22+81.10 OFF 15.90'

45 x 15 x 3
8' weir

125 x 20 x 3
8' weir

SPECIAL DITCH
19+09 - 19+50 - Y1- RT.
SEE SHEET 2-F
DETAIL GG
PROFILE &
CROSS SECTIONS

ELBERT V. OWENS
DB 1597 PG 742

BL-569
-BY3- PINC 28+84.59
-Y1- 17+22.11 OFF 0.06'

LATERAL 2' BASE DITCH
w/CLASS B LINER
SEE SHEET 2-F
DETAIL T
(INTERCHANGE
SHEET)
EST. 232 CY DDE

LEONARD HARRISON, SR.
DB 1509 PG 429
PB 5 PG 37

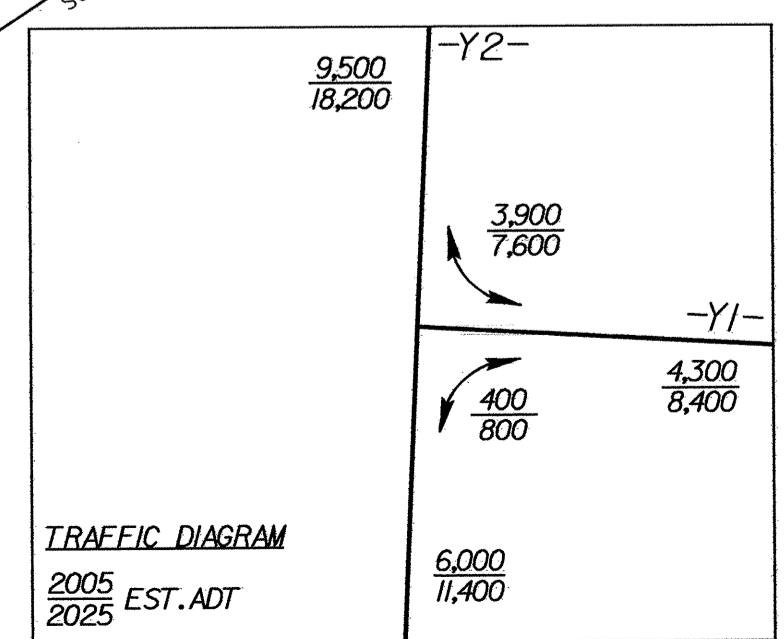
ROGER D. PARRISH, SR.
DB 114 PG 386
DB 1446 PG 351
PB 5 PG 37

FRANK S. RICH
DB 1353 PG 572
PB 5 PG 37

MINIMUM 23' EDGE OF LANE
TO DRIVE PIPE CENTER LINE
ADJUST DITCH AS NECESSARY

THOMAS S. EDMONDS
DB 1487 PG 874

NOTE:
DO NOT DISTURB EXISTING WELL OR
WELL HOUSE WHERE POSSIBLE.



◁ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D

FOR -Y1- PROFILE SEE SHEET 27
FOR -Y2- PROFILE SEE SHEET 28, 29
FOR INTERSECTION DETAIL SEE SHEET 26

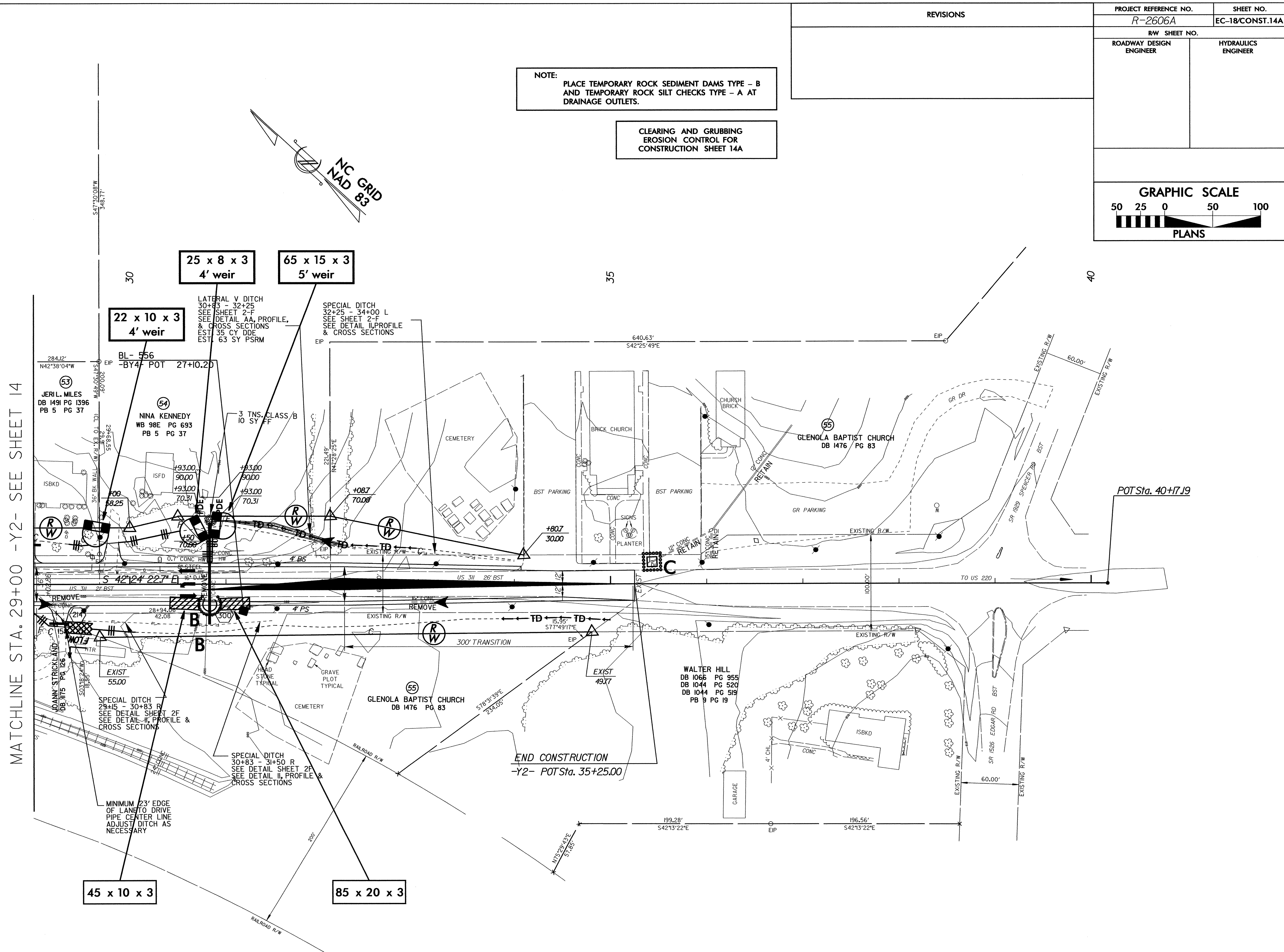
MATCHLINE STA. 29+00 -Y2- SEE SHEET 14A

USER: #15658
DATE: #2025

PROJECT REFERENCE NO. <i>R-2606A</i>		SHEET NO. EC-18/CONST.14A
RW SHEET NO.		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
GRAPHIC SCALE 50 25 0 50 100 PLANS		

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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 14A



MATCHLINE STA. 29+00 -Y2- SEE SHEET 14

END CONSTRUCTION
-Y2- POTSta. 35+25.00

NOTE:
DO NOT DISTURB EXISTING WELL OR
WELL HOUSE WHERE POSSIBLE.

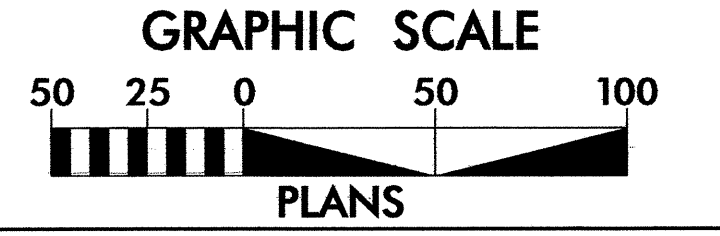
FOR -Y2- PROFILE SEE SHEET 29

USER: #A#SE#R#
DATE: #12/12/18

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

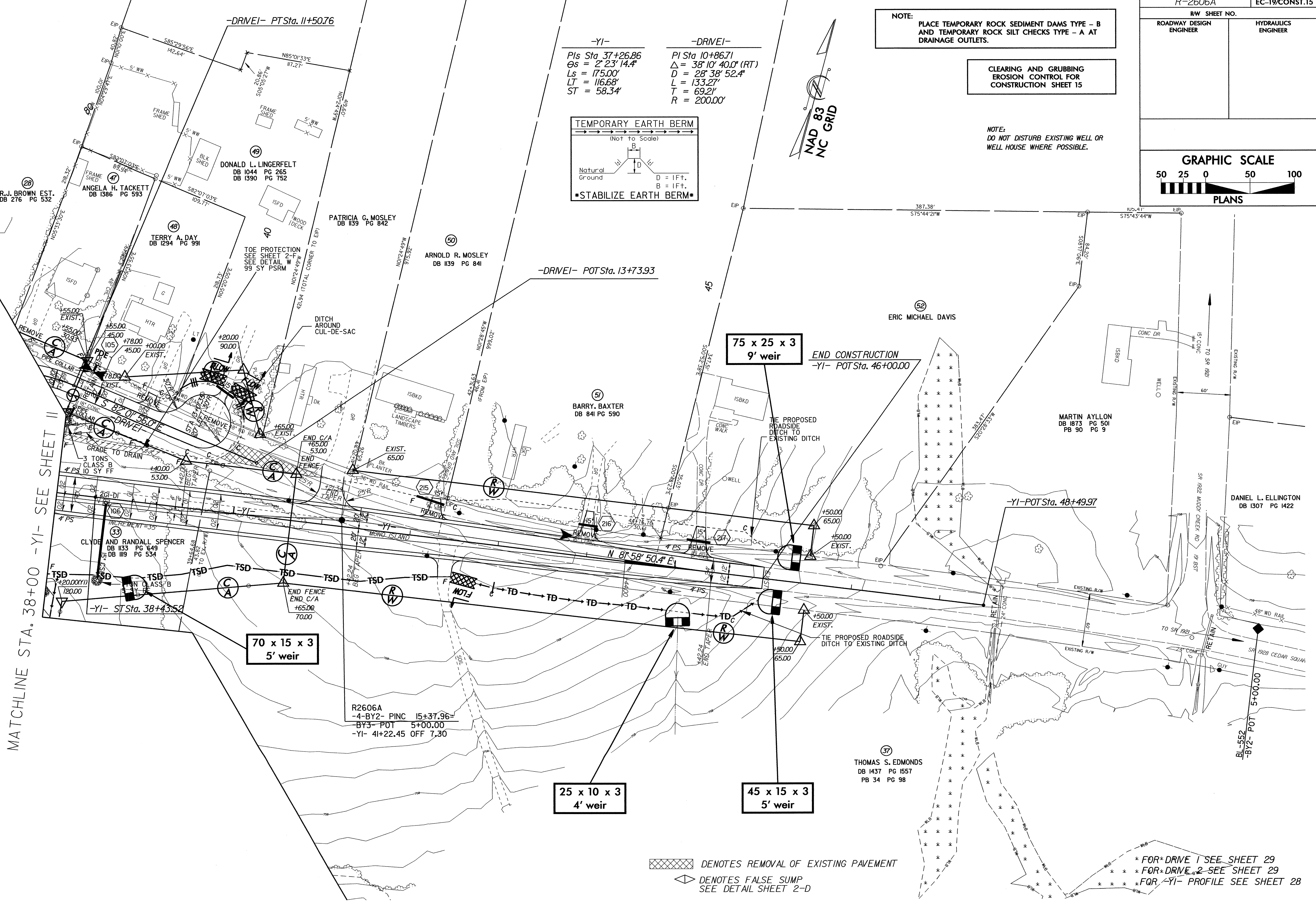
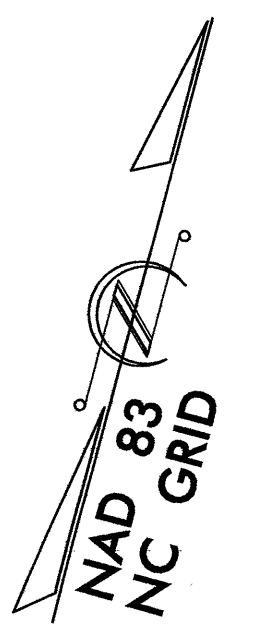
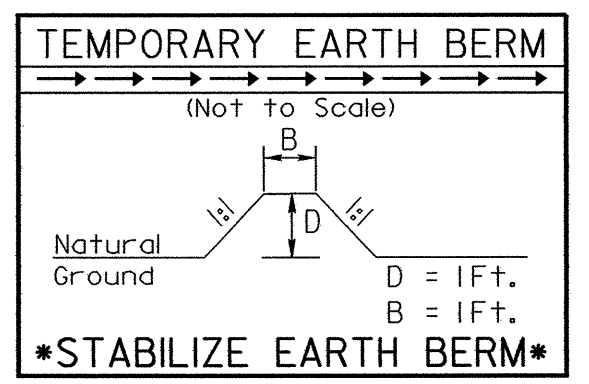
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 15

NOTE:
DO NOT DISTURB EXISTING WELL OR
WELL HOUSE WHERE POSSIBLE.



-YI-
PIs Sta 37+26.86
Os = 2' 23' 14.4"
Ls = 175.00'
LT = 116.68'
ST = 58.34'

-DRVEI-
PI Sta 10+86.71
Δ = 38' 10' 40.0" (RT)
D = 28' 38' 52.4"
L = 133.27'
T = 69.21'
R = 200.00'

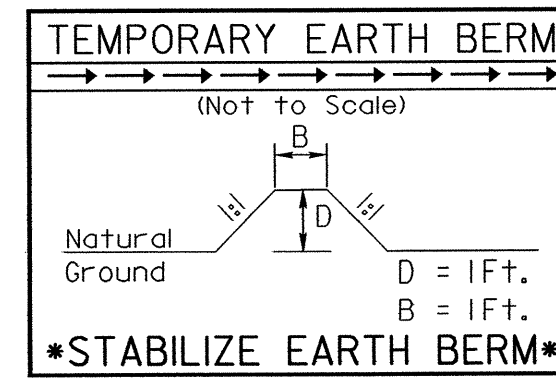
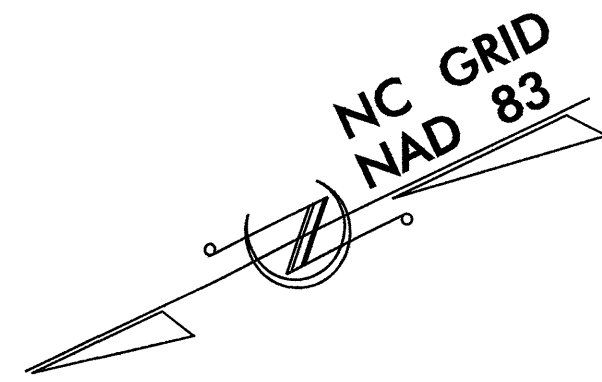


MATCHLINE STA. 38+00 -YI- SEE SHEET 11

DENOTES REMOVAL OF EXISTING PAVEMENT
 DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D

*FOR*DRIVE 1 SEE SHEET 29
*FOR*DRIVE 2 SEE SHEET 29
*FOR -YI- PROFILE SEE SHEET 28

USER: #USER#
DATE: #DATE#

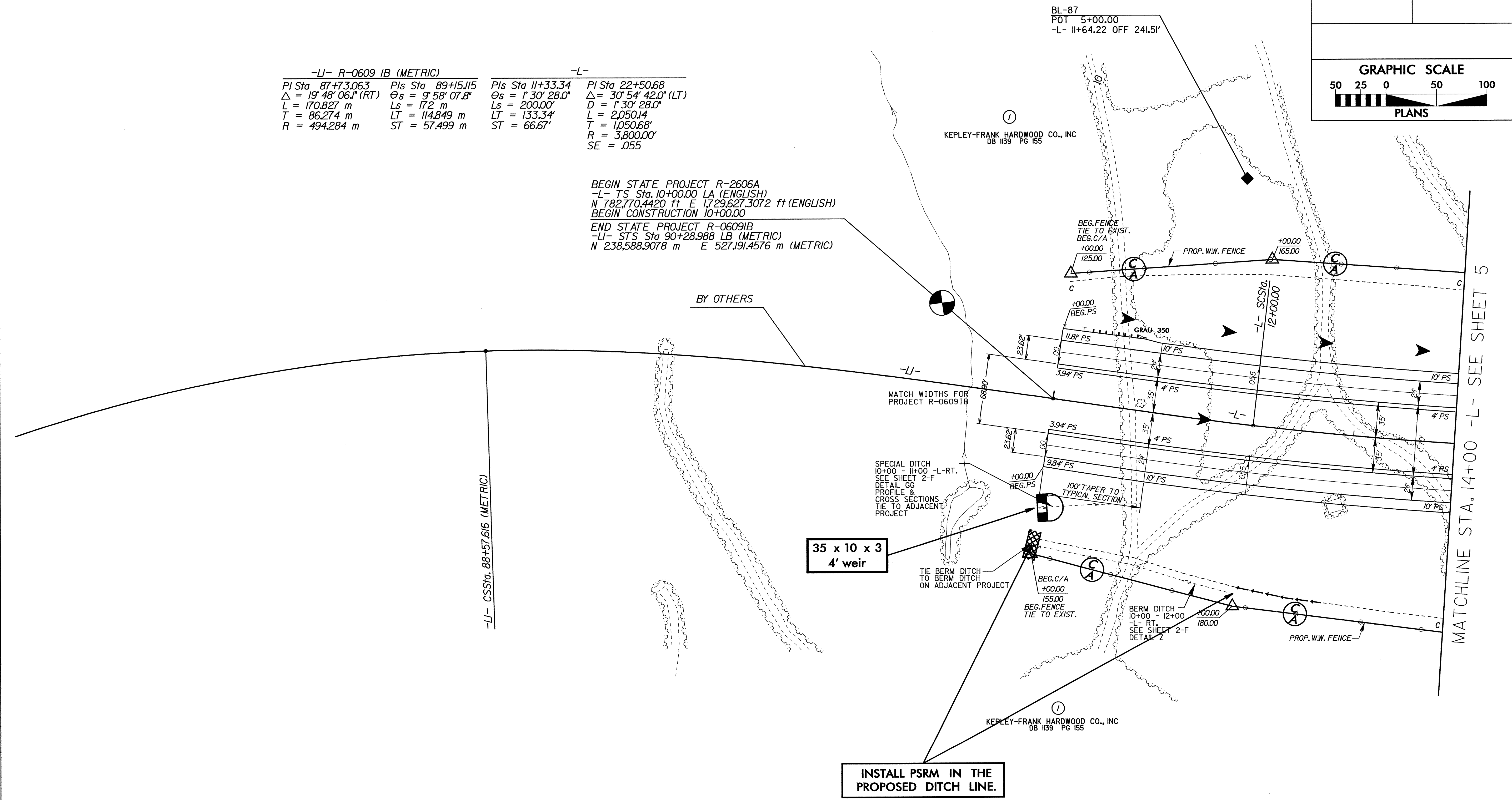


PROJECT REFERENCE NO. <i>R-2606A</i>		SHEET NO. EC-20/CONST.4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

GRAPHIC SCALE	
50 25 0 50 100	
PLANS	

-L- R-0609 IB (METRIC)		-L-	
PI Sta 87+73.063	PIs Sta 89+15.115	PIs Sta 11+33.34	PI Sta 22+50.68
$\Delta = 19^\circ 48' 06.1''$ (RT)	$\Theta_s = 9^\circ 58' 07.8''$	$\Theta_s = 1^\circ 30' 28.0''$	$\Delta = 30^\circ 54' 42.0''$ (LT)
L = 170.827 m	Ls = 172 m	Ls = 200.00'	D = 1' 30' 28.0"
T = 86.274 m	LT = 114.849 m	LT = 133.34'	L = 2,050.14
R = 494.284 m	ST = 57.499 m	ST = 66.67'	T = 1,050.68'
			R = 3,800.00'
			SE = .055

BEGIN STATE PROJECT R-2606A
 -L- TS Sta. 10+00.00 LA (ENGLISH)
 N 782,770.4420 ft E 1,729,627.3072 ft (ENGLISH)
 BEGIN CONSTRUCTION 10+00.00
 END STATE PROJECT R-0609IB
 -L- STS Sta 90+28.988 LB (METRIC)
 N 238,588.9078 m E 527,914.576 m (METRIC)

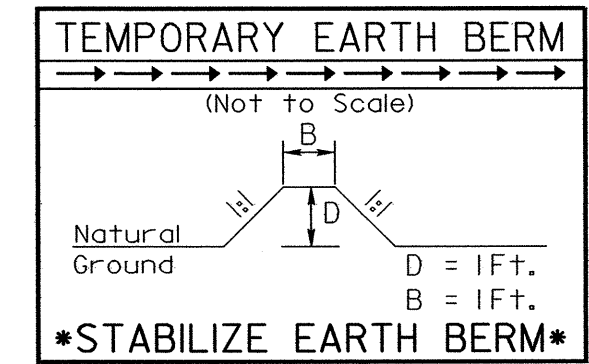
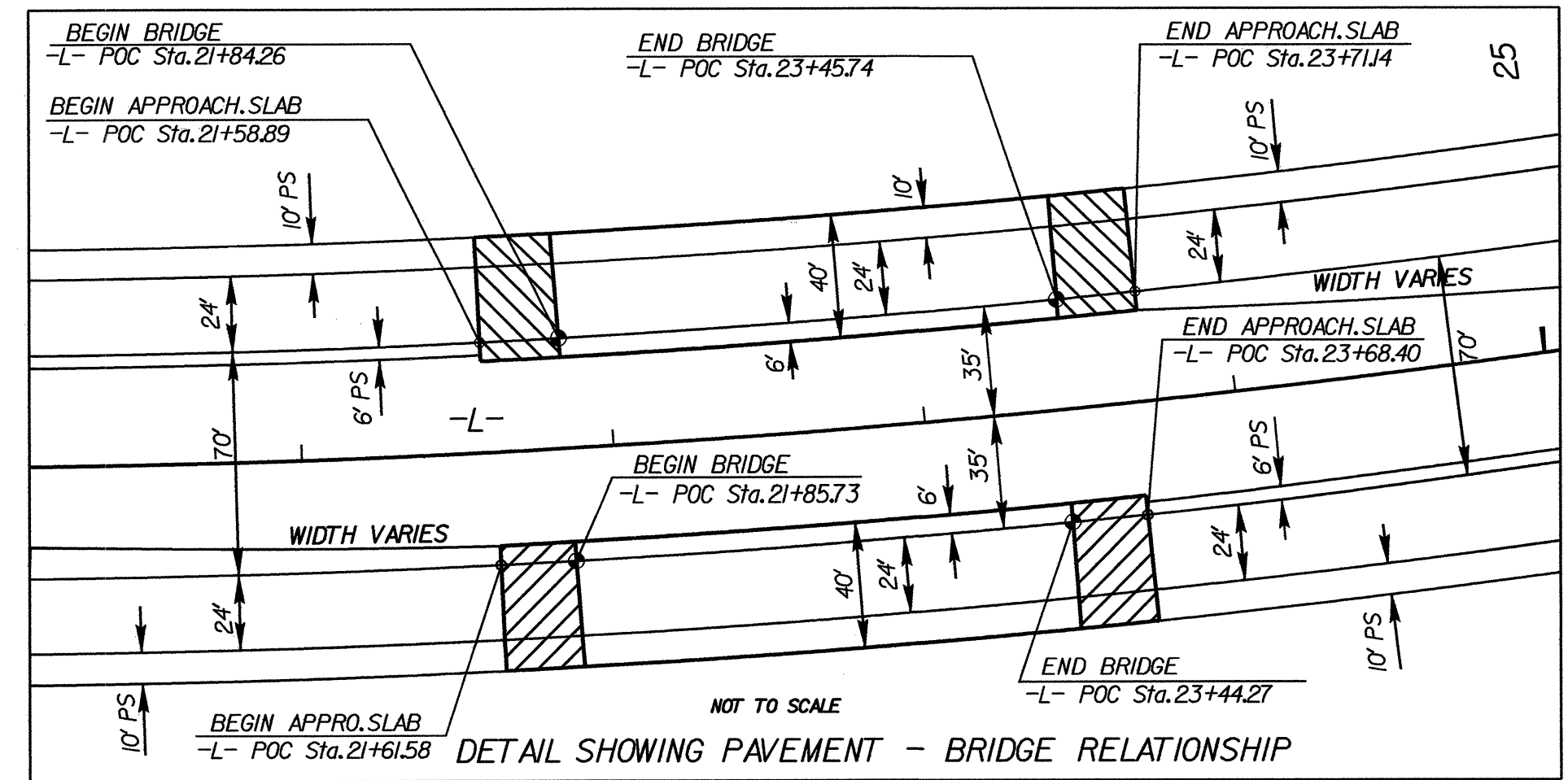


RIGHT OF WAY ON PARCELS 1 & 2 TO BE ACQUIRED UNDER ADJACENT PROJECT R-609 IB
 PARCEL 1 ACCESS PROVIDED UNDER R-609IB

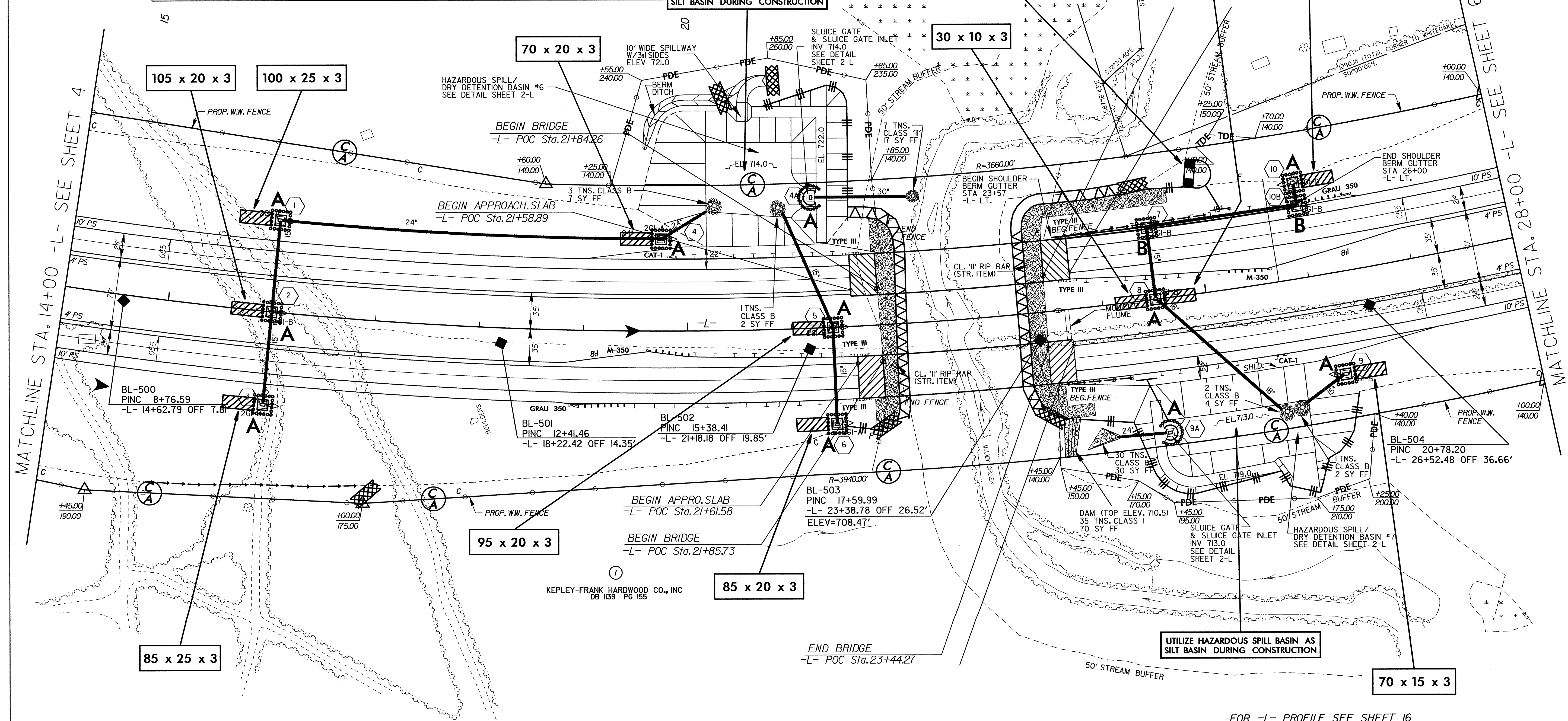
FOR -L- PROFILE SEE SHEET 16

◊ DENOTES FALSE SUMP
 SEE DETAIL SHEET 2-D

USER: #USER#
 DATE: #DATE#
 TIME: #TIME#



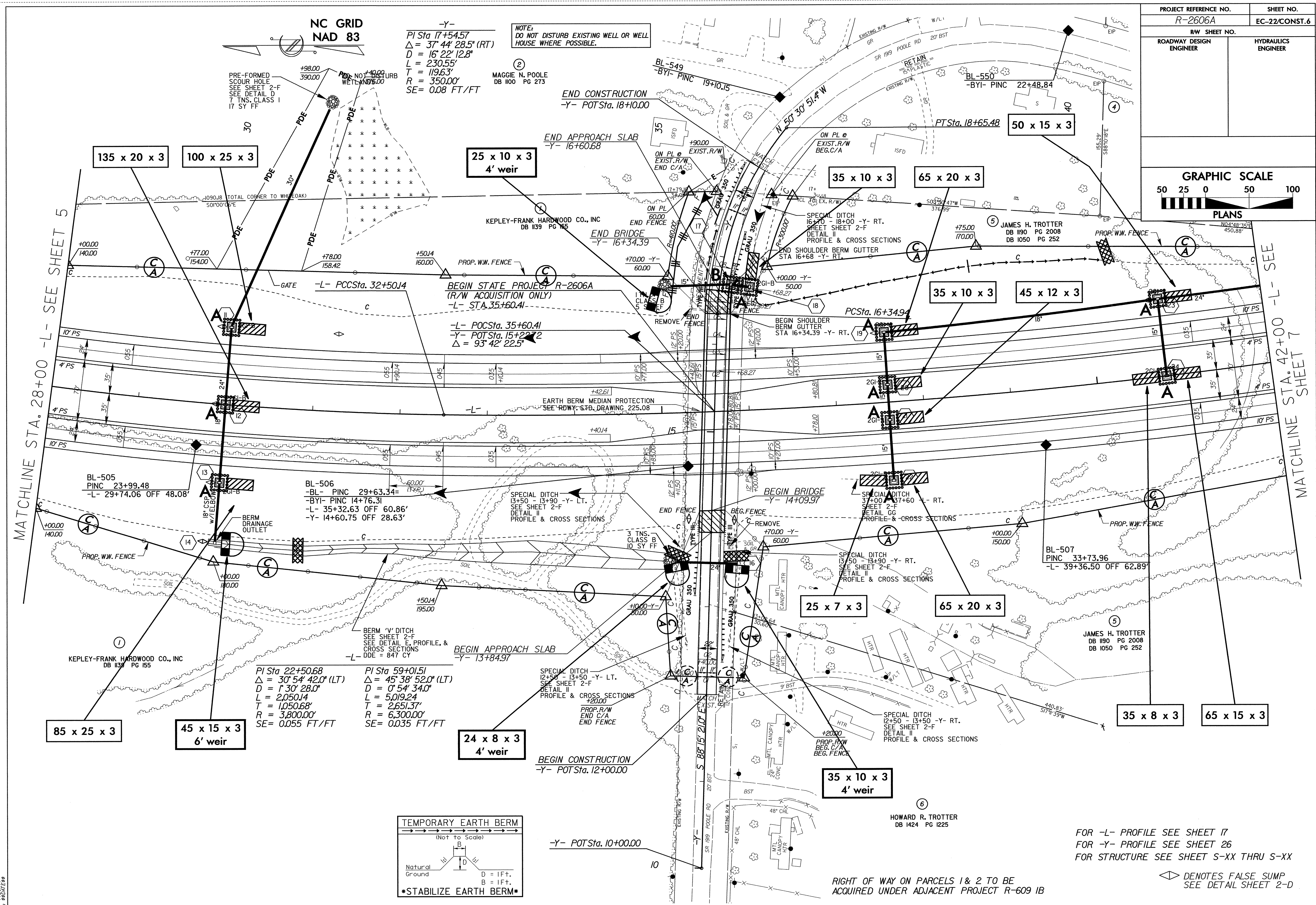
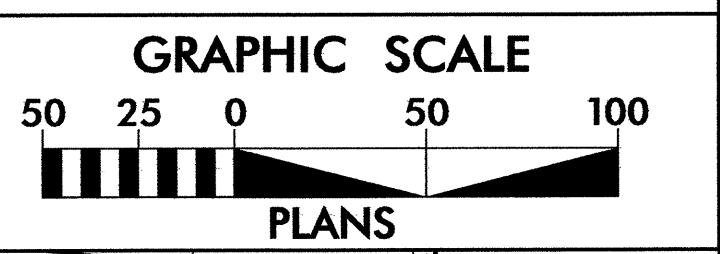
NOTE:
UTILIZE TEMPORARY ROCK SEDIMENT DAM TYPE - B AS STILLING BASIN WHERE APPLICABLE.



FOR -L- PROFILE SEE SHEET 16
FOR STRUCTURE PLANS SEE SHEETS S-XX THRU S-XX

◊ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-L

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-22/CONST.6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



NC GRID
NAD 83

PI Sta 17+54.57
 $\Delta = 37^\circ 44' 28.5''$ (RT)
 $D = 16' 22' 12.8''$
 $L = 230.55'$
 $T = 119.63'$
 $R = 350.00'$
 $SE = 0.08$ FT/FT

NOTE:
DO NOT DISTURB EXISTING WELL OR WELL HOUSE WHERE POSSIBLE.

MAGGIE N. POOLE
DB 1100 PG 273

25 x 10 x 3
4' weir

65 x 20 x 3

35 x 10 x 3

45 x 12 x 3

65 x 20 x 3

35 x 8 x 3

65 x 15 x 3

85 x 25 x 3

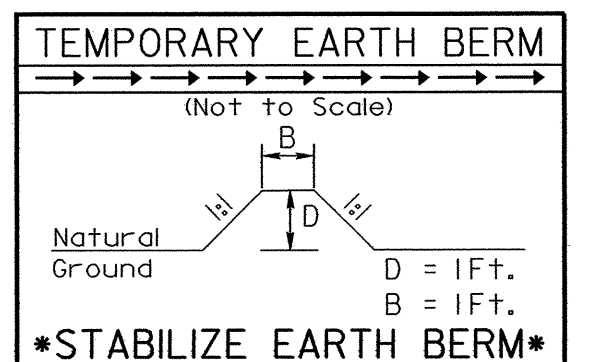
45 x 15 x 3
6' weir

24 x 8 x 3
4' weir

35 x 10 x 3
4' weir

PI Sta 22+50.68
 $\Delta = 30^\circ 54' 42.0''$ (LT)
 $D = 1^\circ 30' 28.0''$
 $L = 2,050.14'$
 $T = 1,050.68'$
 $R = 3,800.00'$
 $SE = 0.055$ FT/FT

PI Sta 59+01.51
 $\Delta = 45^\circ 38' 52.0''$ (LT)
 $D = 0^\circ 54' 34.0''$
 $L = 5,019.24'$
 $T = 2,651.37'$
 $R = 6,300.00'$
 $SE = 0.035$ FT/FT



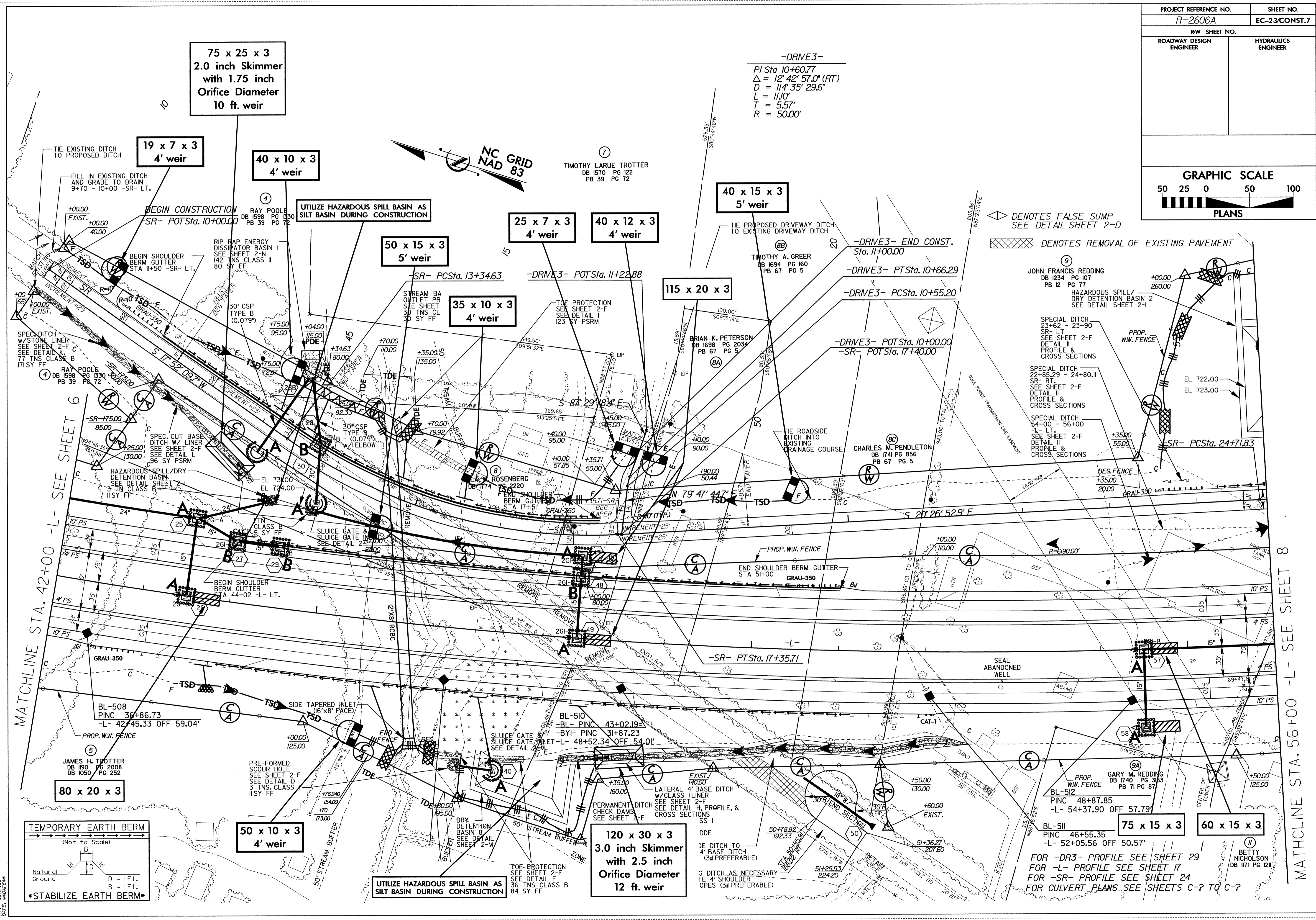
FOR -L- PROFILE SEE SHEET 17
 FOR -Y- PROFILE SEE SHEET 26
 FOR STRUCTURE SEE SHEET S-XX THRU S-XX

◊ DENOTES FALSE SUMP
 SEE DETAIL SHEET 2-D

RIGHT OF WAY ON PARCELS 1 & 2 TO BE ACQUIRED UNDER ADJACENT PROJECT R-609 1B

USER: #156789
 DATE: 11/15/18
 TIME: 10:30 AM

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-23/CONST.7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
GRAPHIC SCALE 50 25 0 50 100 PLANS	



75 x 25 x 3
2.0 inch Skimmer
with 1.75 inch
Orifice Diameter
10 ft. weir

-DRIVE3-
PI Sta 10+60.77
 $\Delta = 12' 42" 57.0" (RT)$
 $D = 114' 35" 29.6'$
 $L = 1110'$
 $T = 5.57'$
 $R = 50.00'$

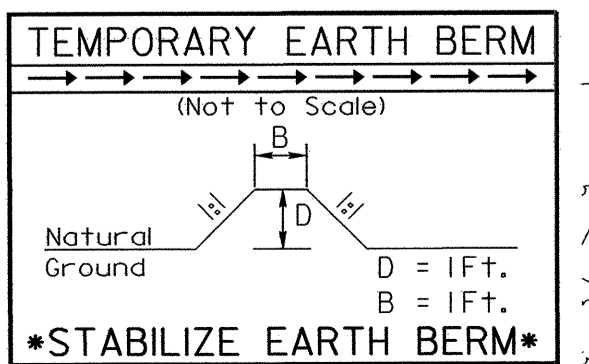


◇ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D

▨ DENOTES REMOVAL OF EXISTING PAVEMENT

MATCHLINE STA. 42+00 - L- SEE SHEET 6

MATCHLINE STA. 56+00 - L- SEE SHEET 8

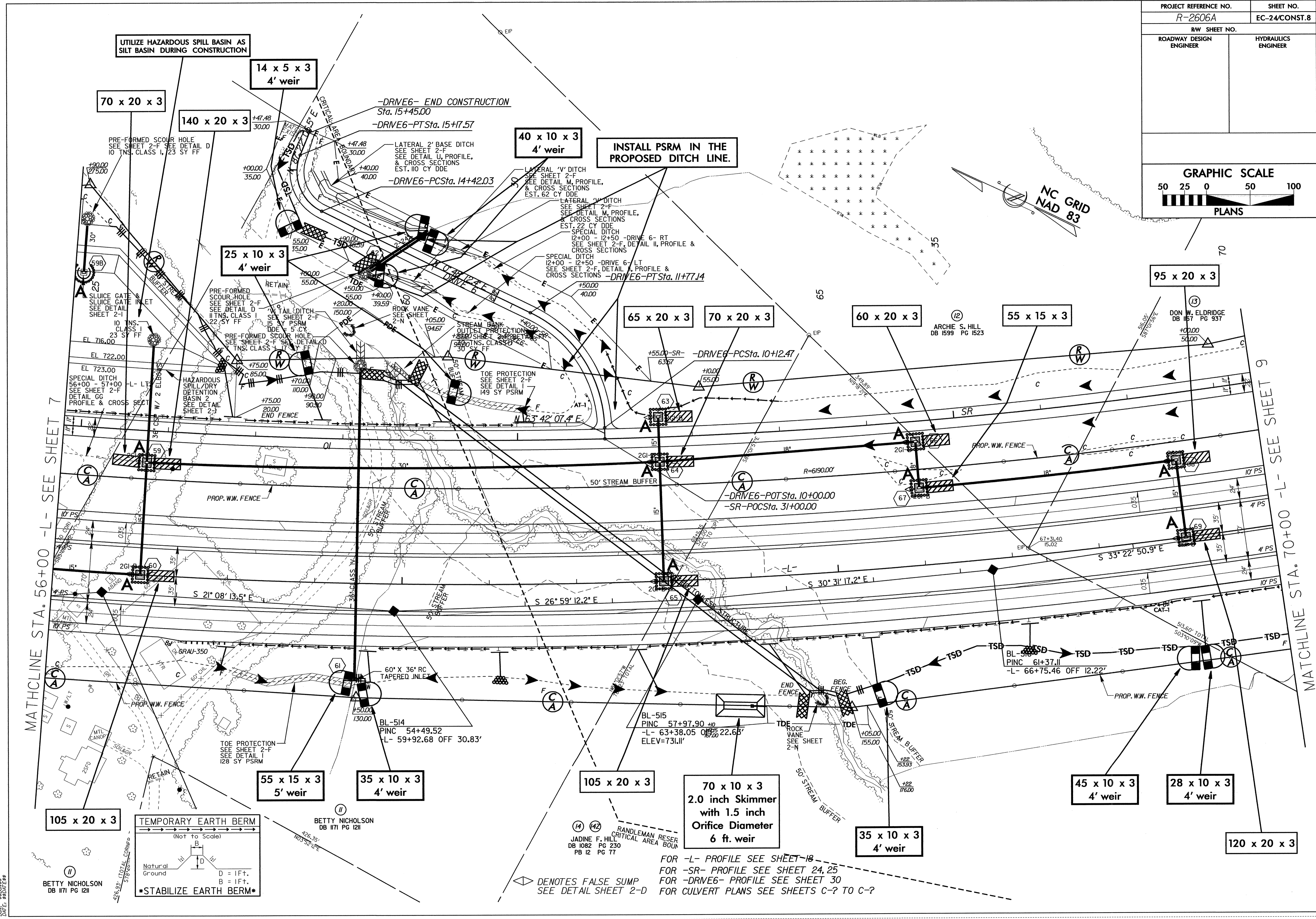


UTILIZE HAZARDOUS SPILL BASIN AS SILT BASIN DURING CONSTRUCTION

120 x 30 x 3
3.0 inch Skimmer
with 2.5 inch
Orifice Diameter
12 ft. weir

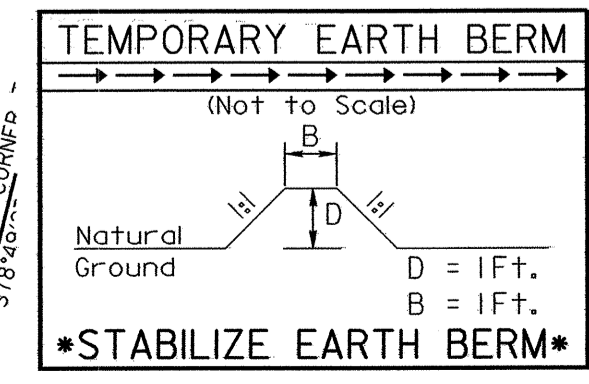
FOR -DR3- PROFILE SEE SHEET 29
FOR -L- PROFILE SEE SHEET 17
FOR -SR- PROFILE SEE SHEET 24
FOR CULVERT PLANS SEE SHEETS C-? TO C-?

USER: #159888
DATE: 08/01/18
DRAWN BY: #159888



MATCHLINE STA. 56+00 - L- SEE SHEET 7

MATCHLINE STA. 70+00 - L- SEE SHEET 9



FOR -L- PROFILE SEE SHEET 18
FOR -SR- PROFILE SEE SHEET 24, 25
FOR -DRIVE6- PROFILE SEE SHEET 30
FOR CULVERT PLANS SEE SHEETS C-? TO C-?

◊ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D

USER: #USER#
DATE: #DATE#
DRAWN BY: #DRAWN BY#

BETTY NICHOLSON
DB 1171 PG 121

BETTY NICHOLSON
DB 1171 PG 121

JADINE F. HILL
DB 1082 PG 230
PB 12 PG 77

RANDLEMAN RESER
CRITICAL AREA BOUND

ARCHIE S. HILL
DB 1599 PG 1523

DON W. ELDRIDGE
DB 157 PG 937

UTILIZE HAZARDOUS SPILL BASIN AS
SILT BASIN DURING CONSTRUCTION

INSTALL PSRM IN THE
PROPOSED DITCH LINE.

-DRIVE6- END CONSTRUCTION
Sta. 15+45.00

-DRIVE6-PTSta. 15+17.57

-DRIVE6-PCSta. 14+42.03

-DRIVE6-PCSta. 10+12.47

-DRIVE6-POTSta. 10+00.00

-SR-PCSta. 31+00.00

PRE-FORMED SCOUR HOLE
SEE SHEET 2-F SEE DETAIL D
10 TNS. CLASS 1, 23 SY FF

PRE-FORMED SCOUR HOLE
SEE SHEET 2-F SEE DETAIL D
10 TNS. CLASS 1, 23 SY FF

SPECIAL DITCH
56+00 - 57+00
SEE SHEET 2-F
DETAIL GG
PROFILE & CROSS SECT

HAZARDOUS SPILL DRY
DETENTION BASIN 2
SEE DETAIL SHEET 2-I

TOE PROTECTION
SEE SHEET 2-F
SEE DETAIL I
128 SY PSRM

BL-514
PINC 54+49.52
-L- 59+26.68 OFF 30.83'

BL-515
PINC 57+97.90
-L- 63+38.05 OFF 22.68'
ELEV=731.11'

BL-516
PINC 61+37.11
-L- 66+75.46 OFF 12.22'

PRE-FORMED SCOUR HOLE
SEE SHEET 2-F SEE DETAIL D
10 TNS. CLASS 1, 23 SY FF

PRE-FORMED SCOUR HOLE
SEE SHEET 2-F SEE DETAIL D
10 TNS. CLASS 1, 23 SY FF

SPECIAL DITCH
56+00 - 57+00
SEE SHEET 2-F
DETAIL GG
PROFILE & CROSS SECT

HAZARDOUS SPILL DRY
DETENTION BASIN 2
SEE DETAIL SHEET 2-I

TOE PROTECTION
SEE SHEET 2-F
SEE DETAIL I
128 SY PSRM

BL-514
PINC 54+49.52
-L- 59+26.68 OFF 30.83'

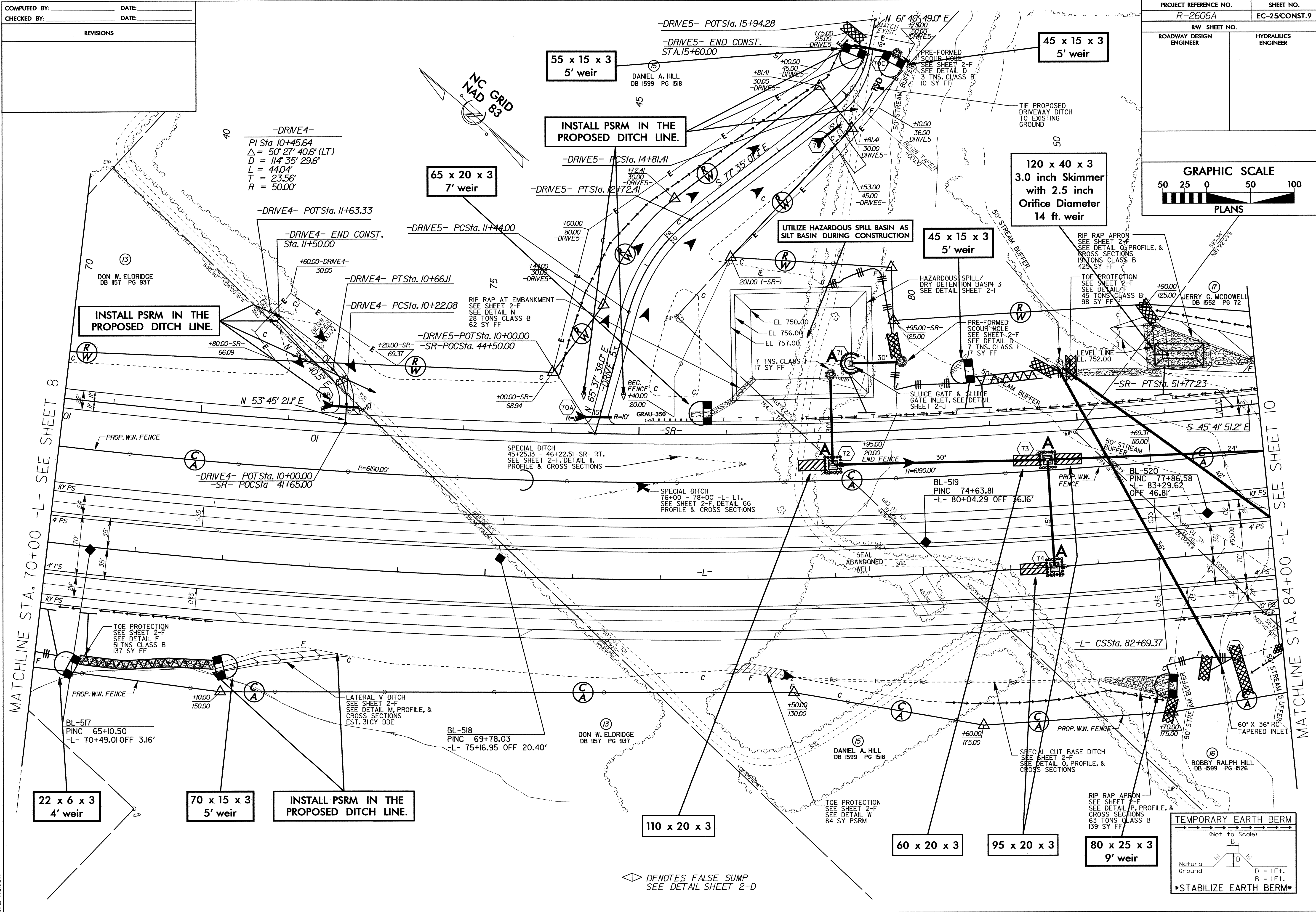
BL-515
PINC 57+97.90
-L- 63+38.05 OFF 22.68'
ELEV=731.11'

BL-516
PINC 61+37.11
-L- 66+75.46 OFF 12.22'

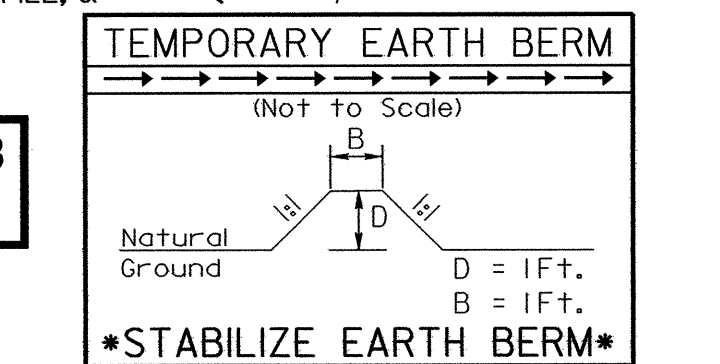
COMPUTED BY: _____	DATE: _____
CHECKED BY: _____	DATE: _____
REVISIONS	

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-25/CONST.9
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

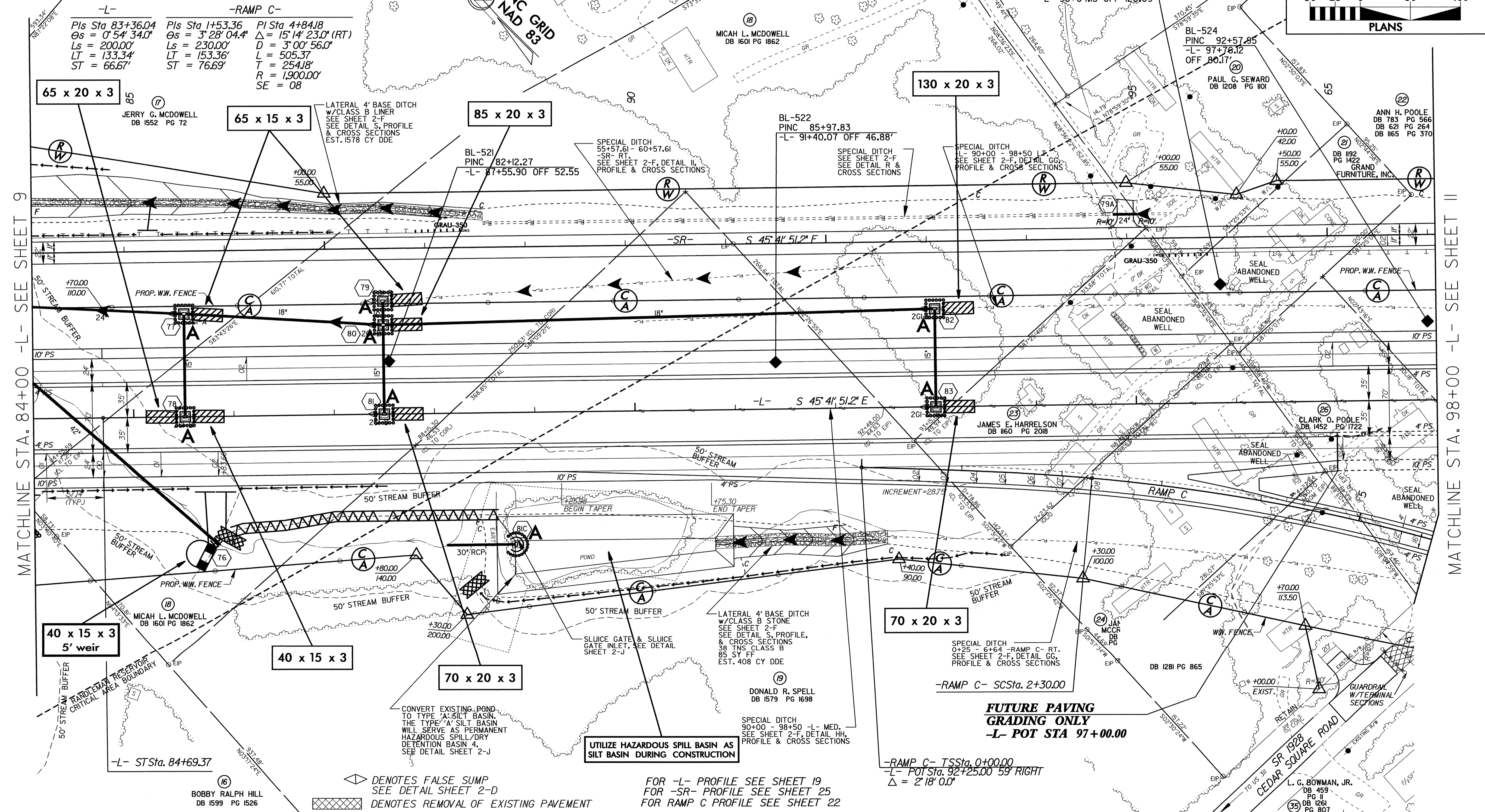
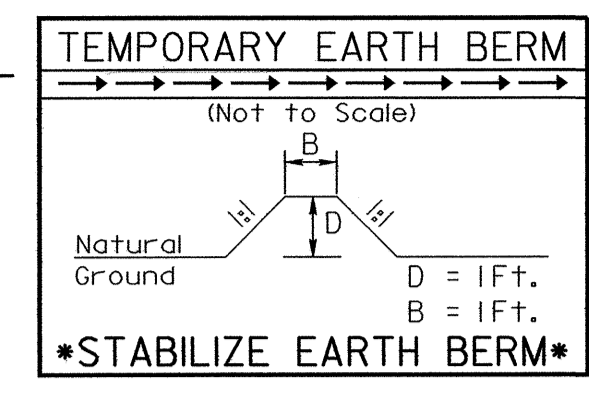
GRAPHIC SCALE
50 25 0 50 100
PLANS



USER: #158788
DATE: #158788



PROJECT REFERENCE NO.	SHEET NO.
R-2606A	EC-26/CONST.10
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
GRAPHIC SCALE 50 25 0 50 100 PLANS	



-L-

Pls Sta 83+36.04
 $\Theta_s = 0^{\circ} 54' 34.0''$
 $L_s = 200.00'$
 $LT = 133.34'$
 $ST = 66.67'$

-RAMP C-

Pls Sta 1+53.36
 $\Theta_s = 3^{\circ} 28' 04.4''$
 $L_s = 230.00'$
 $LT = 153.36'$
 $ST = 76.69'$

Pls Sta 4+84.18
 $\Delta = 15^{\circ} 14' 23.0''$ (RT)
 $D = 3^{\circ} 00' 56.0''$
 $L = 505.37'$
 $T = 254.18'$
 $R = 1,900.00'$
 $SE = 08$

LATERAL 4' BASE DITCH
 W/CLASS B LINER
 SEE SHEET 2-F
 SEE DETAIL S, PROFILE
 & CROSS SECTIONS
 EST. 1578 CY DDE

SPECIAL DITCH
 55+57.61 - 60+57.61
 -SR- RT.
 SEE SHEET 2-F, DETAIL H,
 PROFILE & CROSS SECTIONS

SPECIAL DITCH
 90+00 - 98+50 LT
 SEE SHEET 2-F, DETAIL GG,
 PROFILE & CROSS SECTIONS

**FUTURE PAVING
 GRADING ONLY
 -L- POT STA 97+00.00**

**40 x 15 x 3
 5' weir**

40 x 15 x 3

70 x 20 x 3

70 x 20 x 3

CONVERT EXISTING POND
 TO TYPE 'A' SILT BASIN.
 THE TYPE 'A' SILT BASIN
 WILL SERVE AS PERMANENT
 HAZARDOUS SPILL/DRY
 DETENTION BASIN 4.
 SEE DETAIL SHEET 2-J

**UTILIZE HAZARDOUS SPILL BASIN AS
 SILT BASIN DURING CONSTRUCTION**

◊ DENOTES FALSE SUMP
 SEE DETAIL SHEET 2-D

▨ DENOTES REMOVAL OF EXISTING PAVEMENT

FOR -L- PROFILE SEE SHEET 19
 FOR -SR- PROFILE SEE SHEET 25
 FOR RAMP C PROFILE SEE SHEET 22

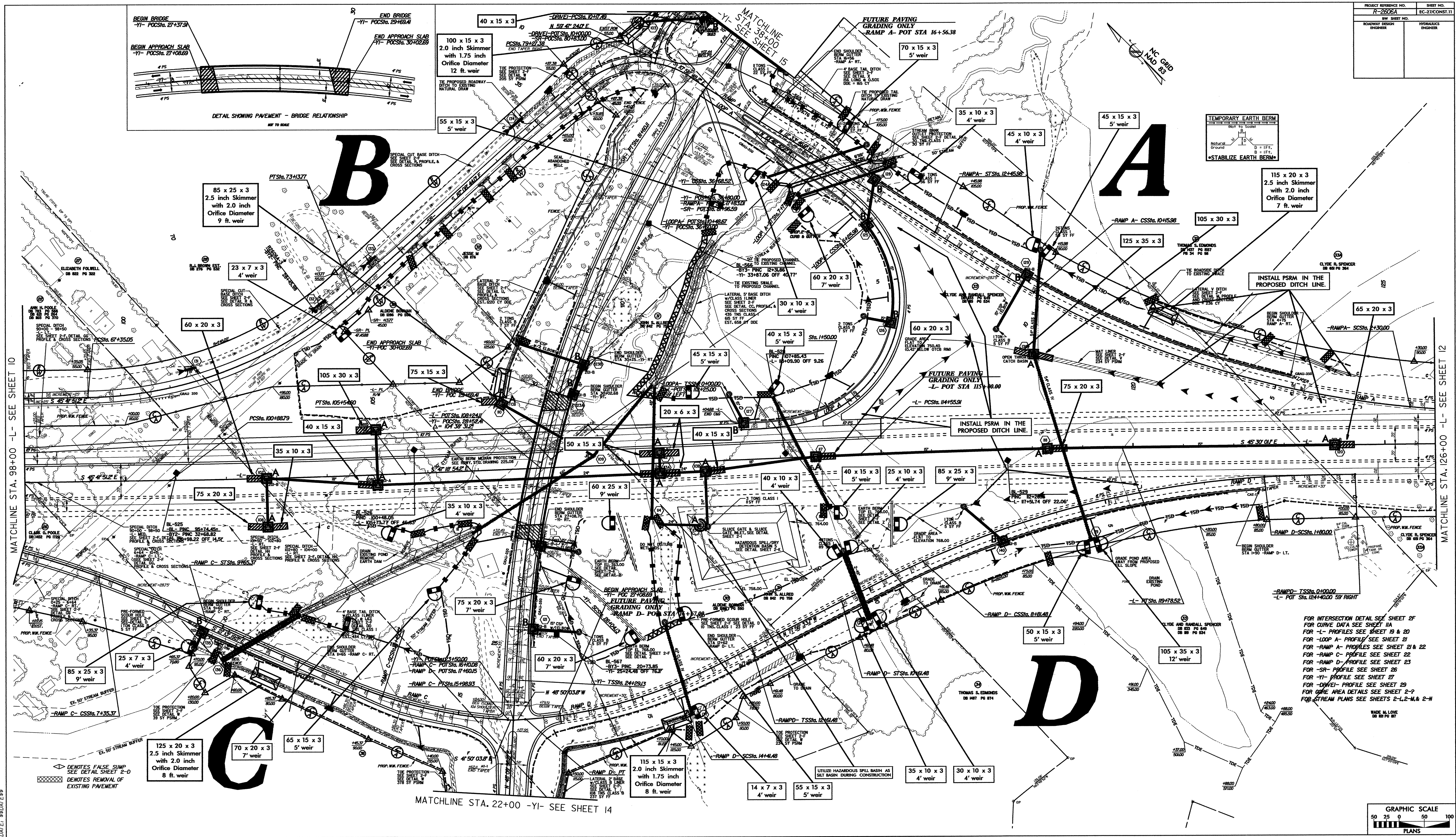
USER: #USERS#
 DATE: #DATE#
 TIME: #TIME#

(16) BOBBY RALPH HILL
 DB 1599 PG 1526

(24) JAY MCCR...
 DB 1488 PG 865

(35) L. G. BOWMAN, JR.
 DB 459 PG II
 DB 1261 PG 807

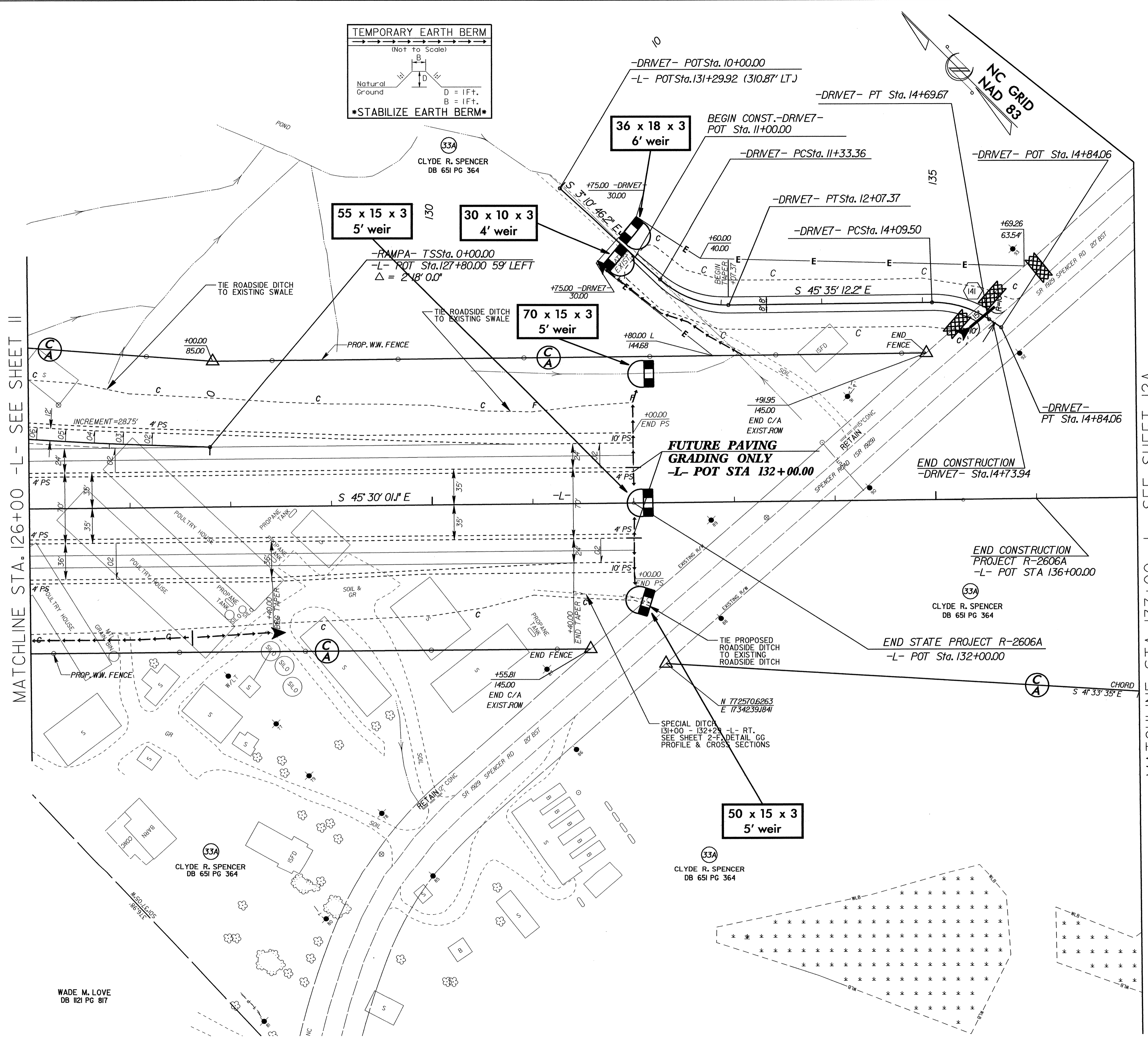
PROJECT REFERENCE NO.	SHEET NO.
R-2606A	EC-27/CONST.11
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



FOR INTERSECTION DETAIL SEE SHEET 2F
 FOR CURVE DATA SEE SHEET 1A
 FOR -L- PROFILES SEE SHEET 19 & 20
 FOR -LOOP A- PROFILE/SEE SHEET 21
 FOR -RAMP A- PROFILE SEE SHEET 22
 FOR -RAMP C- PROFILE SEE SHEET 23
 FOR -SR- PROFILE SEE SHEET 26
 FOR -YI- PROFILE SEE SHEET 27
 FOR -DITCH- PROFILE SEE SHEET 29
 FOR GORE AREA DETAILS SEE SHEET 2-2
 FOR STREAM PLANS SEE SHEETS 2-L2-M&R-2-N

GRAPHIC SCALE
 0 25 50 100
 FEET
 PLANS

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-28/CONST.12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
GRAPHIC SCALE 50 25 0 50 100 PLANS	



MATCHLINE STA. 126+00 -L- SEE SHEET 11

MATCHLINE STA. 137+00 -L- SEE SHEET 12A

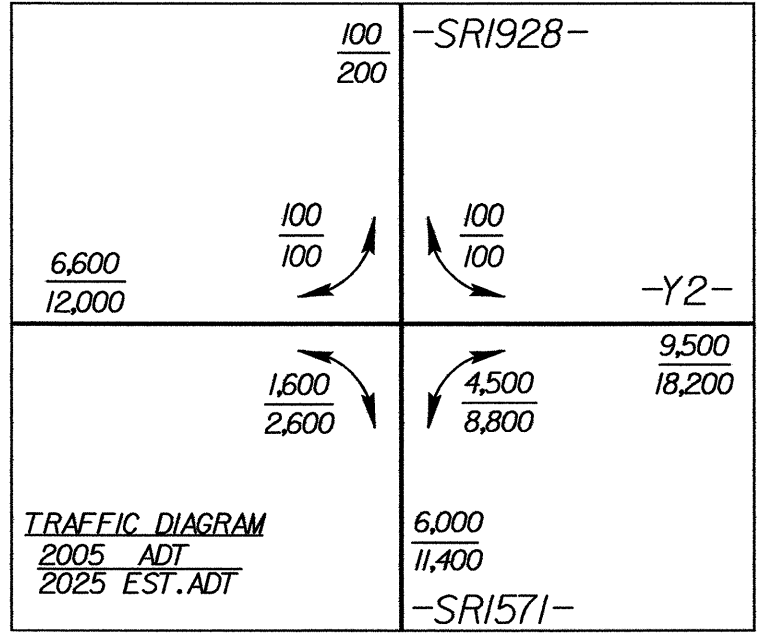
FOR RAMP A PROFILE SEE SHEET 21
 FOR DRIVE 7 PROFILE SEE SHEET 30

USER: #156555
 DATE: 11/01/11
 TIME: 10:00 AM

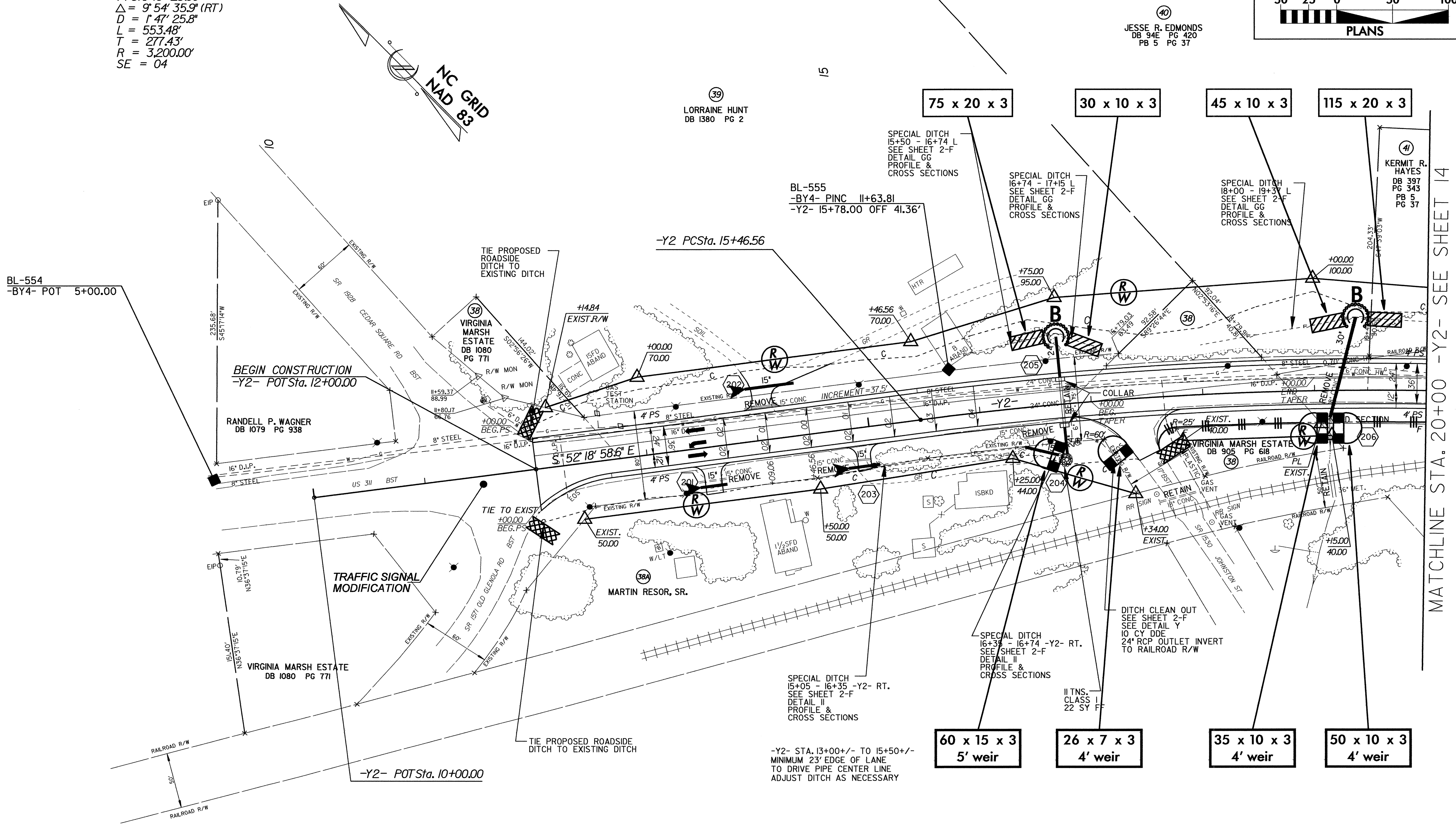
REVISIONS

PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-29/CONST.13
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

GRAPHIC SCALE	
50 25 0 50 100	
PLANS	



-Y2-
PI Sta 18+23.99
Δ = 9° 54' 35.9" (RT)
D = 147' 25.8"
L = 553.48'
T = 277.43'
R = 3,200.00'
SE = 04



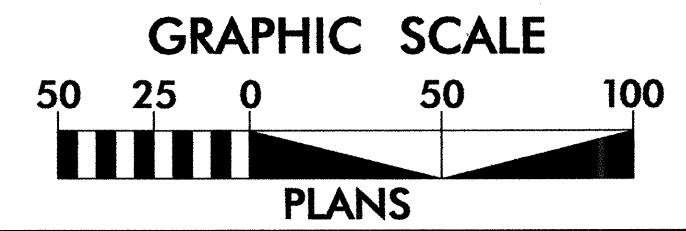
◊ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D
FOR -Y2- PROFILE SEE SHEET 28

MATCHLINE STA. 20+00 -Y2- SEE SHEET 14

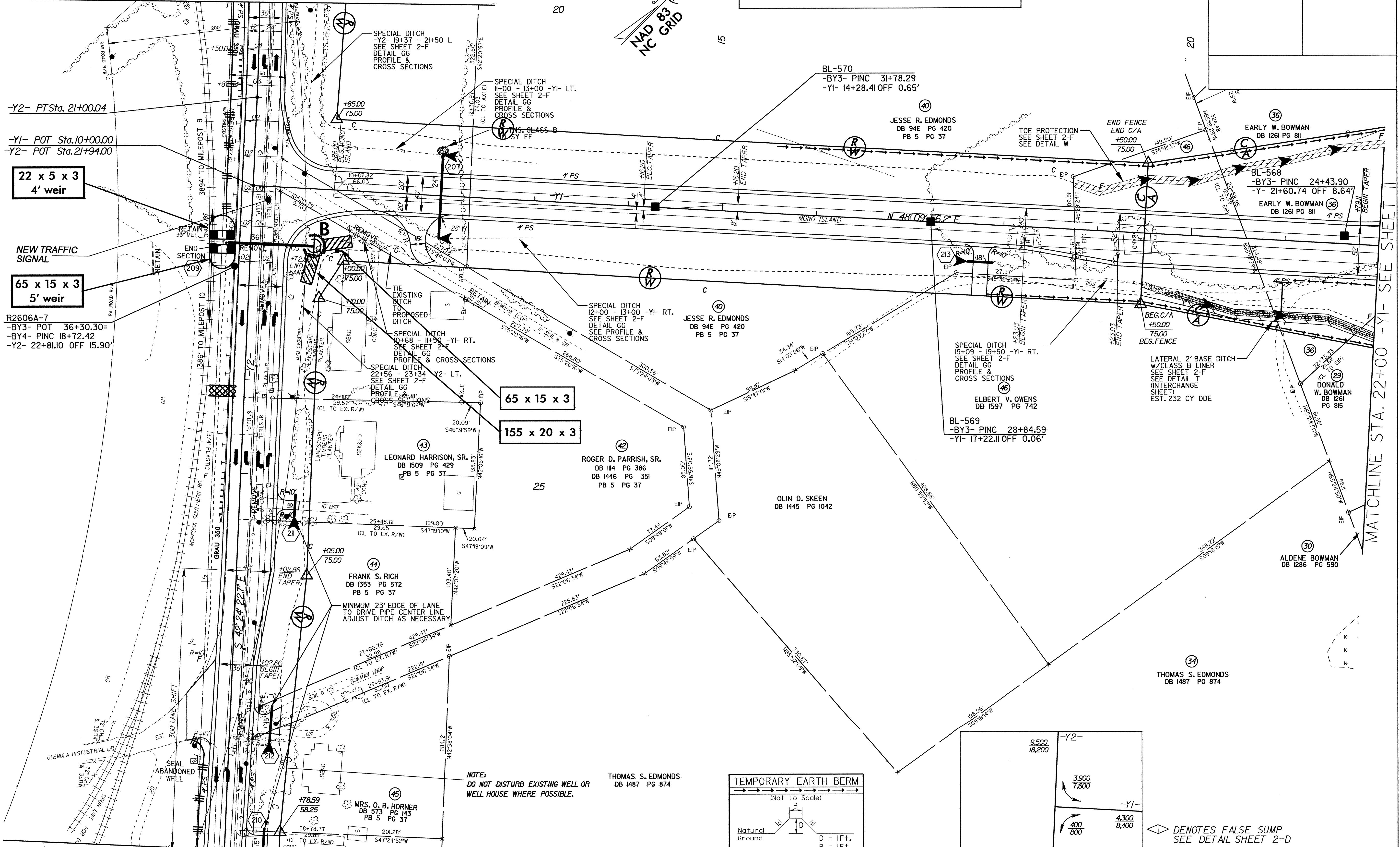
USER: #BXSE#
DATE: #/##/##
TIME: ##:##

MATCHLINE STA. 20+00 -Y2- SEE SHEET 13

REVISIONS



PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-30/CONST.14
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



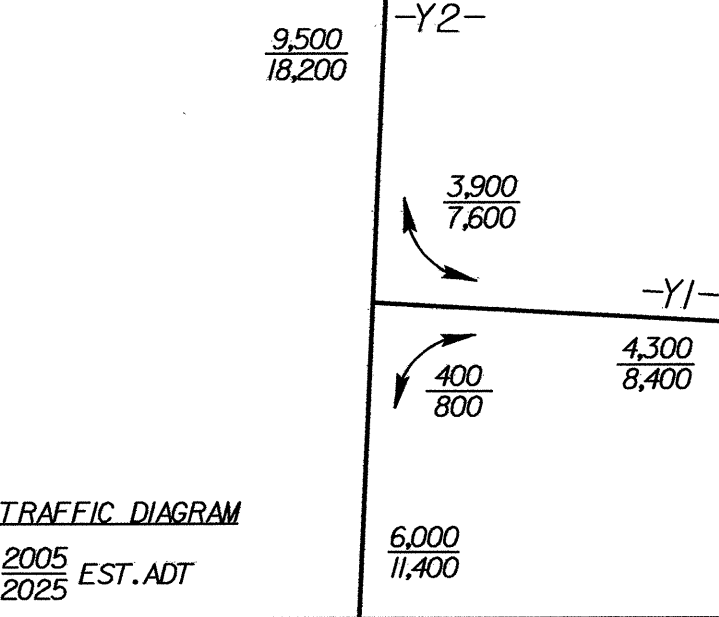
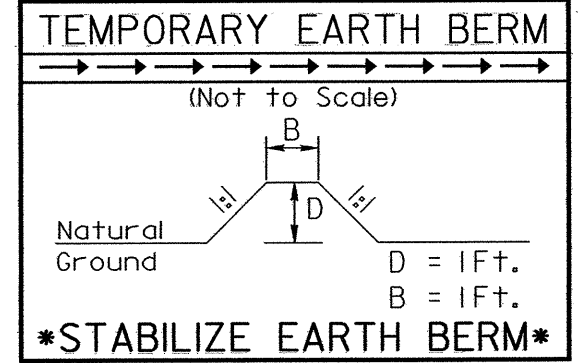
22 x 5 x 3
4' weir

65 x 15 x 3
5' weir

R2606A-7
-BY3- POT 36+30.30=
-BY4- PINC 18+72.42
-Y2- 22+81.10 OFF 15.90'

65 x 15 x 3

155 x 20 x 3



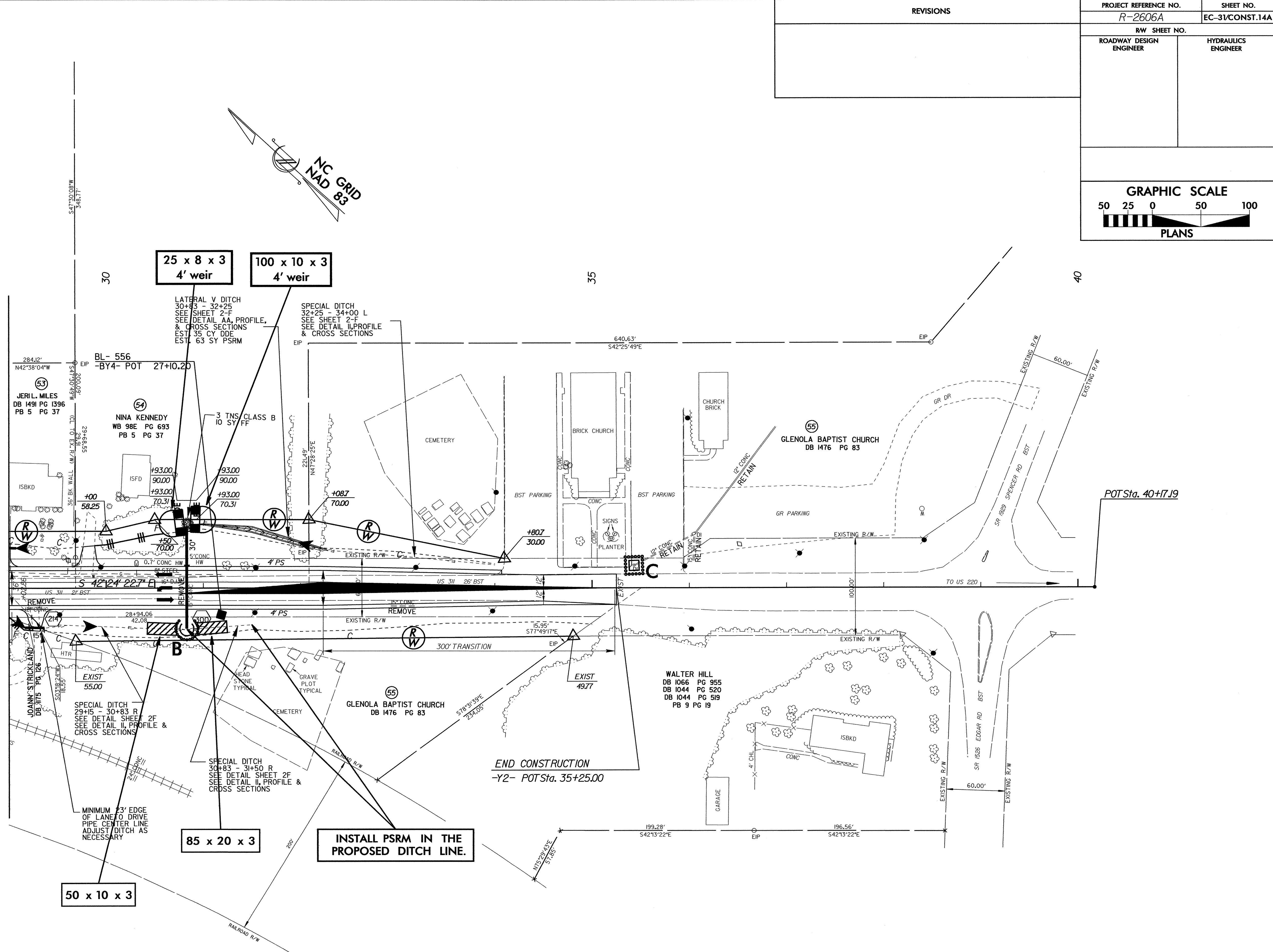
◊ DENOTES FALSE SUMP
SEE DETAIL SHEET 2-D
FOR -Y1- PROFILE SEE SHEET 27
FOR -Y2- PROFILE SEE SHEET 28, 29
FOR INTERSECTION DETAIL SEE SHEET 26

MATCHLINE STA. 29+00 -Y2- SEE SHEET 14A

USER: #/USER#
DATE: #/##/##

PROJECT REFERENCE NO. <i>R-2606A</i>		SHEET NO. EC-31/CONST.14A	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
GRAPHIC SCALE 50 25 0 50 100 PLANS			

MATCHLINE STA. 29+00 -Y2- SEE SHEET 14



INSTALL PSRM IN THE PROPOSED DITCH LINE.

NOTE:
DO NOT DISTURB EXISTING WELL OR WELL HOUSE WHERE POSSIBLE.

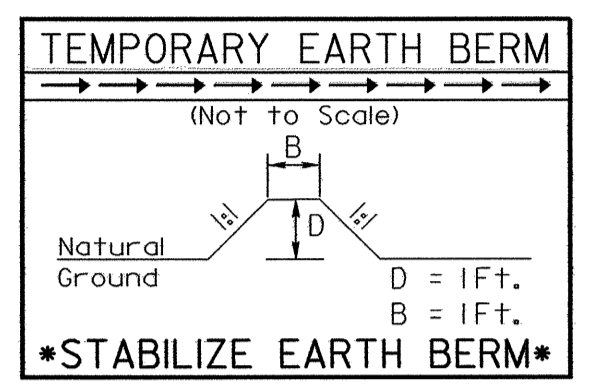
FOR -Y2- PROFILE SEE SHEET 29

USER: #/USER#
DATE: #/##/##

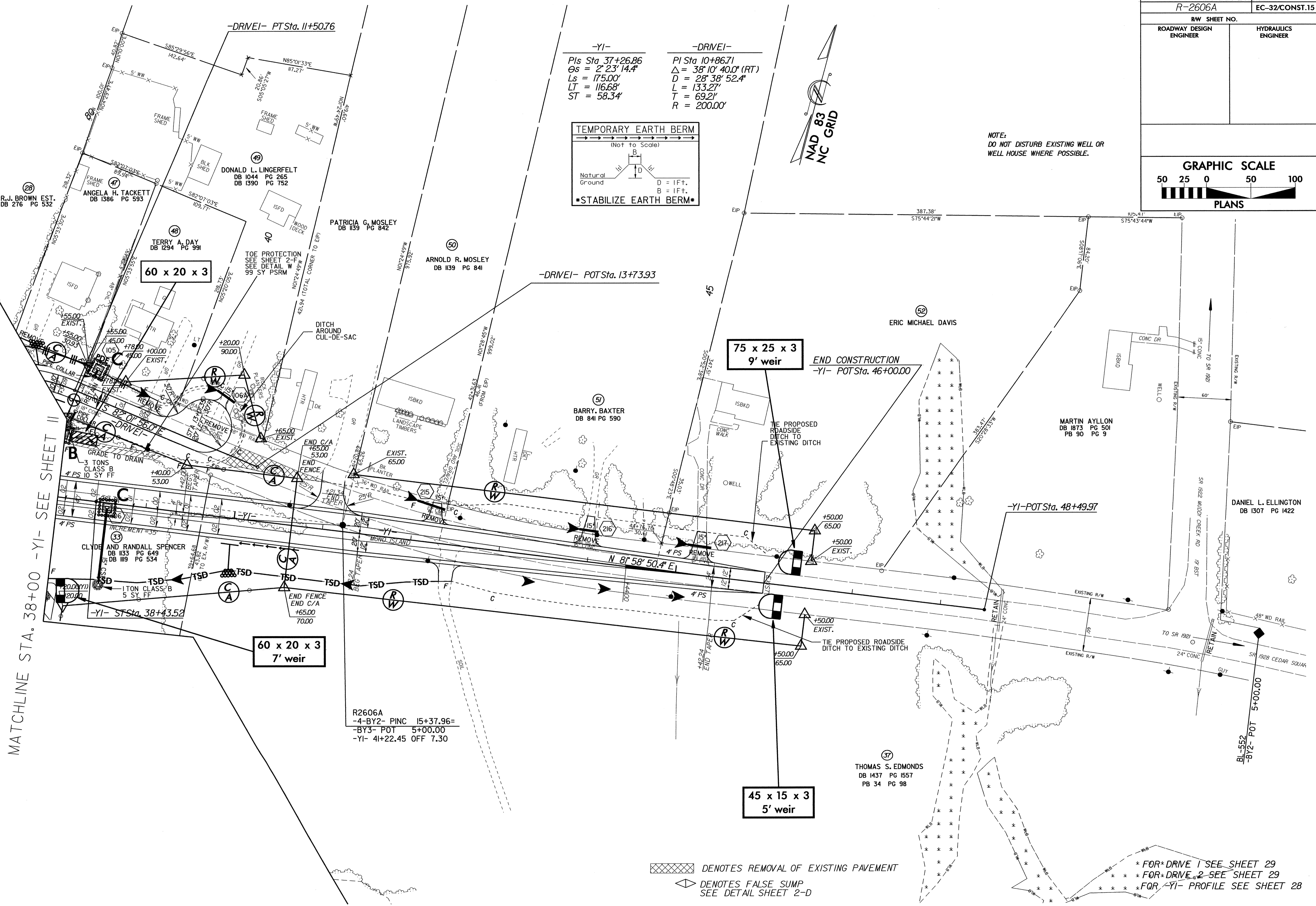
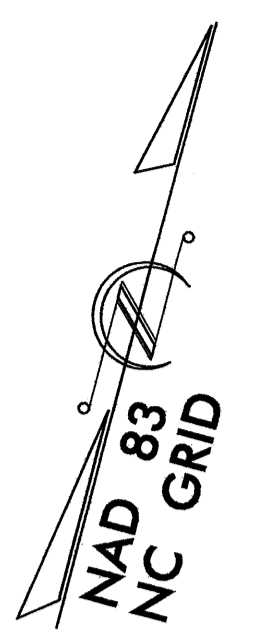
PROJECT REFERENCE NO. R-2606A	SHEET NO. EC-32/CONST.15
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
GRAPHIC SCALE 50 25 0 50 100 PLANS	

-YI-
 Pls Sta 37+26.86
 Os = 2' 23' 14.4"
 Ls = 175.00'
 Lt = 116.68'
 St = 58.34'

-DRIVEI-
 PI Sta 10+86.71
 Δ = 38° 10' 40.0" (RT)
 D = 28° 38' 52.4"
 L = 133.27'
 T = 69.21'
 R = 200.00'



NOTE:
 DO NOT DISTURB EXISTING WELL OR WELL HOUSE WHERE POSSIBLE.



USER: #416688
 DATE: 8/10/2017
 TIME: 10:00:00 AM