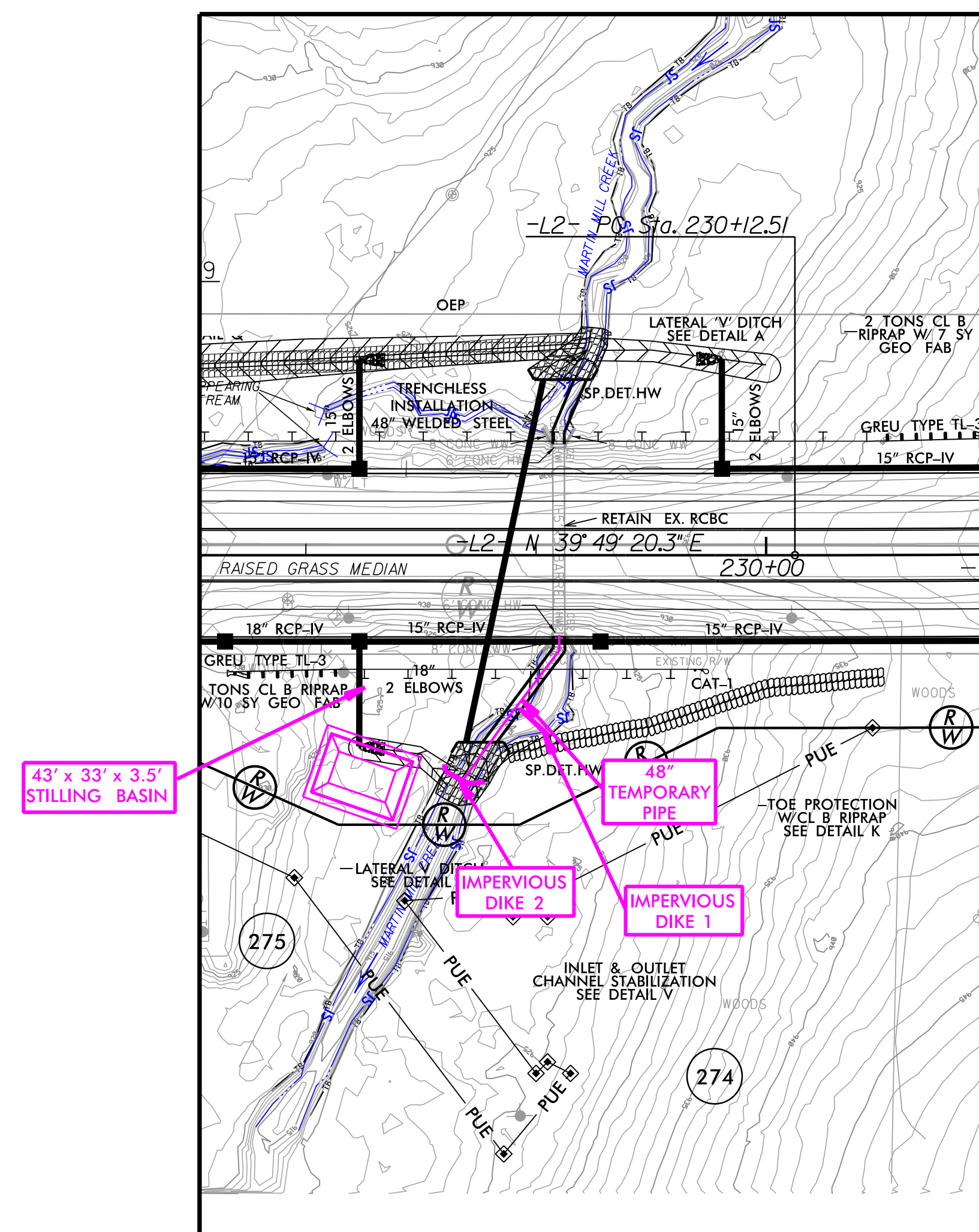


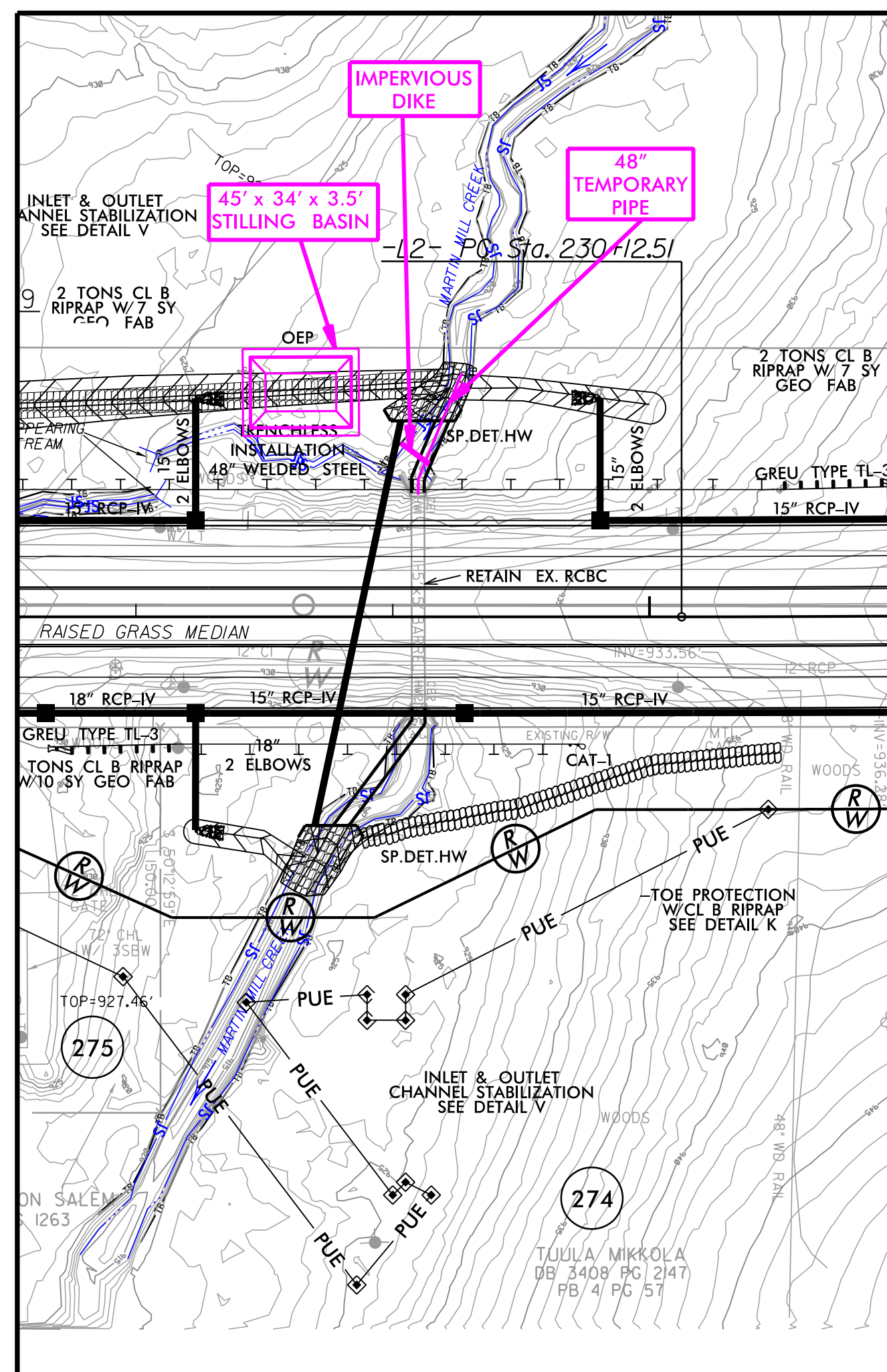
PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-22A/CONST.22A
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



CULVERT INSTALLATION SEQUENCE -L- STA. 229+09 PHASE 1

1. SHIFT TRAFFIC LEFT ONTO TEMPORARY ROADWAY.
2. INSTALL IMPERVIOUS DIKES AS SHOWN ON PLAN.
3. INSTALL 48" TEMPORARY PIPE TIED TO MOST DOWNSTREAM IMPERVIOUS DIKE AND EXISTING BOX CULVERT AS SHOWN ON PLAN.
4. MAINTAIN FLOW THROUGH TEMPORARY PIPE AND EXISTING BOX CULVERT.
5. INSTALL STILLING BASIN WITH MINIMUM SEDIMENT CAPACITY OF 39 CY ON DOWNSTREAM SIDE OF US 158.
6. CONSTRUCT ENTIRE LENGTH OF DOWNSTREAM BOX CULVERT EXTENSION.
7. BORE AND JACK PROPOSED 48" WELDED STEEL PIPE.
8. INSTALL CULVERT/WSP HEADWALLS AND CHANNEL IMPROVEMENTS.
9. REMOVE TEMPORARY PIPE, IMPERVIOUS DIKES, AND STILLING BASIN.
10. CONSTRUCT PROPOSED ROADWAY AND EMBANKMENTS AS SHOWN ON ROADWAY PLANS OVER NEW BOX CULVERT EXTENSION AND WELDED STEEL PIPE.

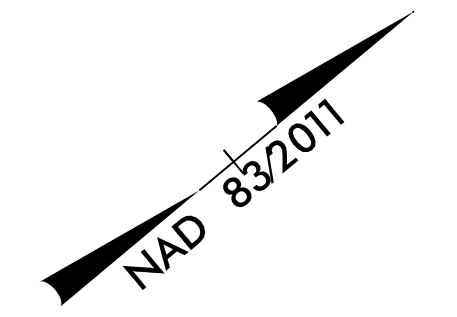
PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-22B/CONST.22B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



CULVERT INSTALLATION SEQUENCE -L- STA. 229 + 09 PHASE 2

1. SHIFT TRAFFIC TO NEWLY CONSTRUCTED ROADWAY.
2. INSTALL IMPERVIOUS DIKE AS SHOWN ON PLAN.
3. INSTALL 48" TEMPORARY PIPE TIED TO IMPERVIOUS DIKE AND EXISTING BOX CULVERT AS SHOWN ON PLAN.
4. MAINTAIN FLOW THROUGH TEMPORARY PIPE AND EXISTING BOX CULVERT.
5. INSTALL STILLING BASIN WITH MINIMUM SEDIMENT CAPACITY OF 44 CY ON UPSTREAM SIDE OF US 158.
6. CONSTRUCT ENTIRE LENGTH OF UPSTREAM BOX CULVERT EXTENSION.
8. INSTALL CULVERT/WSP HEADWALLS AND CHANNEL IMPROVEMENTS.
9. REMOVE TEMPORARY PIPE, IMPERVIOUS DIKES, AND STILLING BASIN.
10. CONSTRUCT PROPOSED ROADWAY AND EMBANKMENTS AS SHOWN ON ROADWAY PLANS OVER NEW BOX CULVERT EXTENSION AND WELDED STEEL PIPE.

PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-23/CONST.23
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



PARCELS WITH U-5824 TIP NUMBER (84) WAS ACQUIRED UNDER THAT PROJECT; NO CLAIM ON R-2577A. EASEMENTS THAT ARE SHOWN BUT NOT FLAGGED WERE PURCHASED UNDER U-5824.

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 23

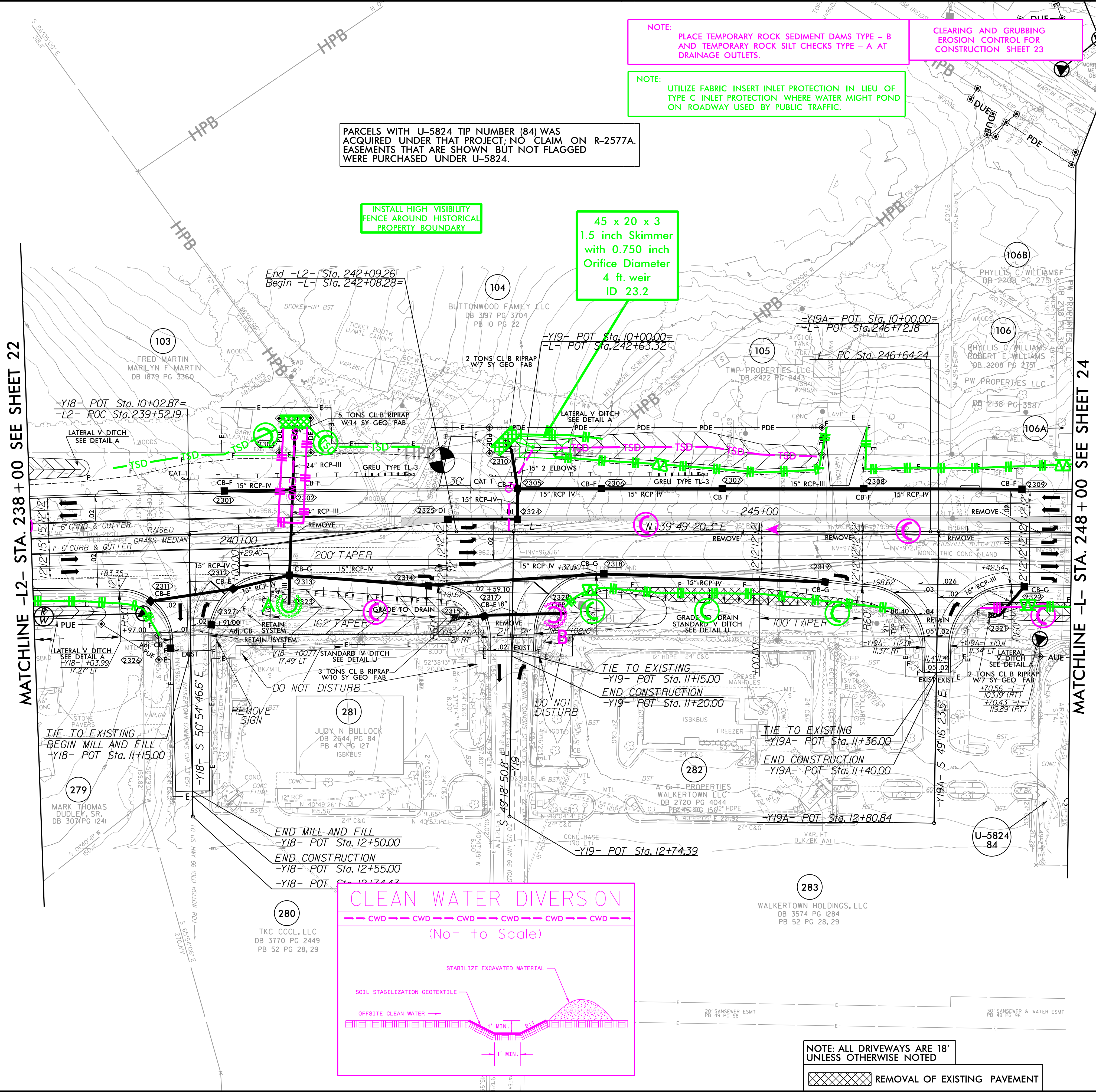
NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

INSTALL HIGH VISIBILITY FENCE AROUND HISTORICAL PROPERTY BOUNDARY

45 x 20 x 3
1.5 inch Skimmer
with 0.750 inch
Orifice Diameter
4 ft. weir
ID 23.2

MATCHLINE -L2- STA. 238 + 00 SEE SHEET 22

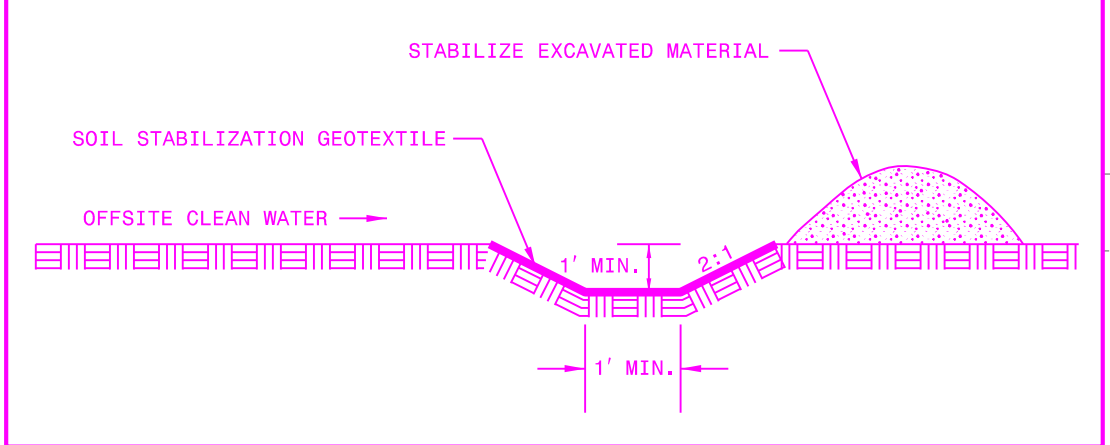
MATCHLINE -L- STA. 248 + 00 SEE SHEET 24



CLEAN WATER DIVERSION

--- CWD --- CWD --- CWD --- CWD --- CWD --- CWD ---

(Not to Scale)



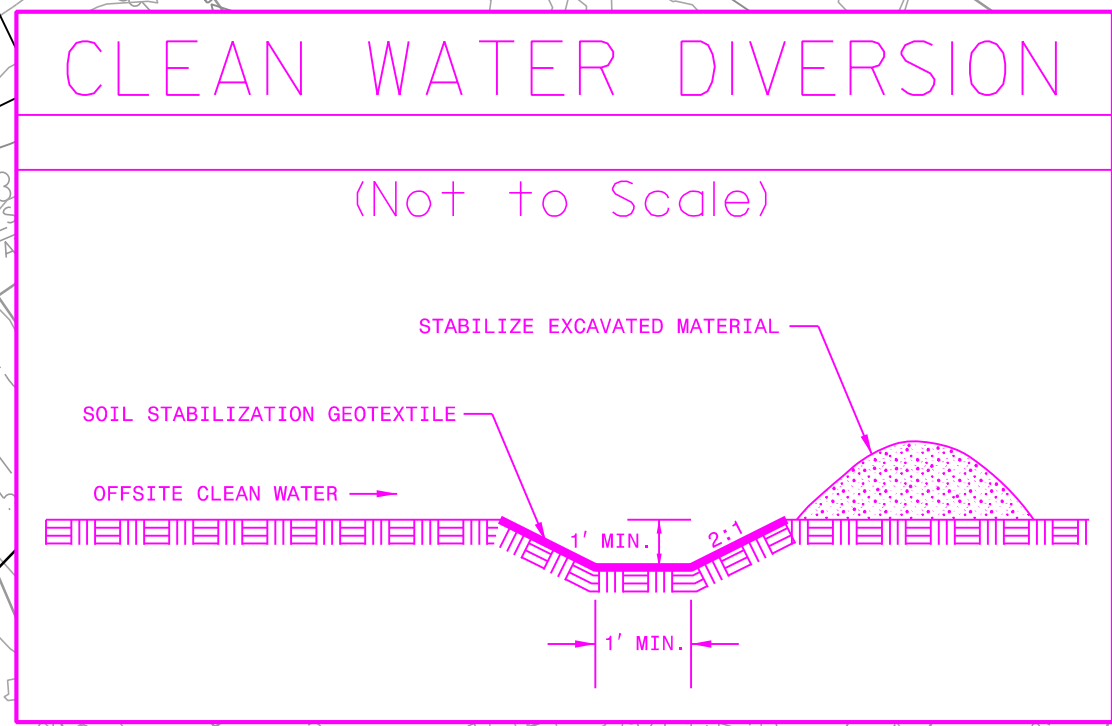
NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

REMOVAL OF EXISTING PAVEMENT

8/17/99

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PROJECT REFERENCE NO.	R-2577A	SHEET NO.	EC-24/CONST.24
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

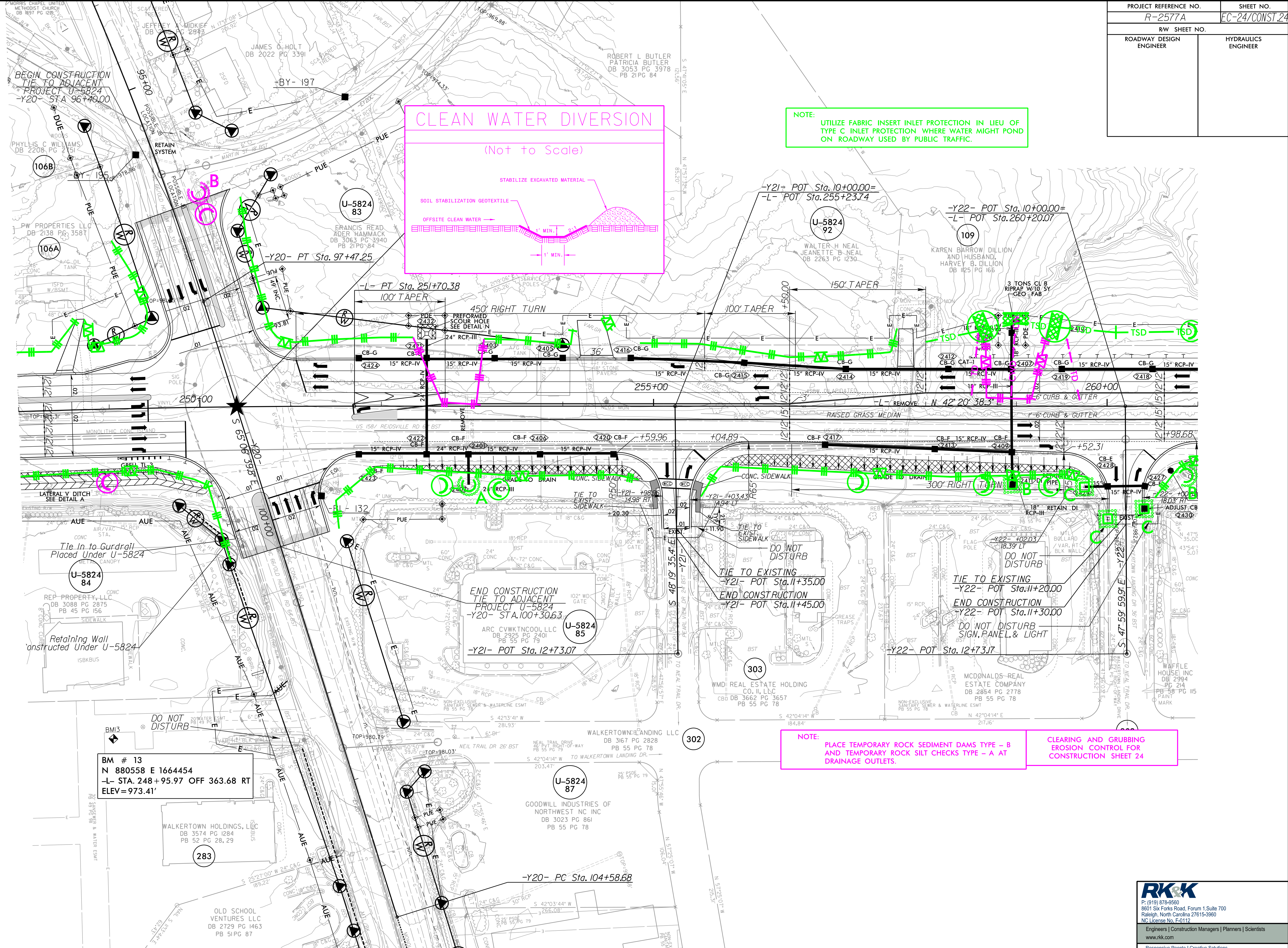


NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

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 24

BM # 13
N 880558 E 1664454
-L- STA. 248 + 95.97 OFF 363.68 RT
ELEV = 973.41'



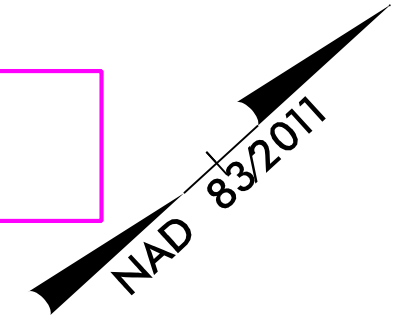
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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-25/CONST.25
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

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

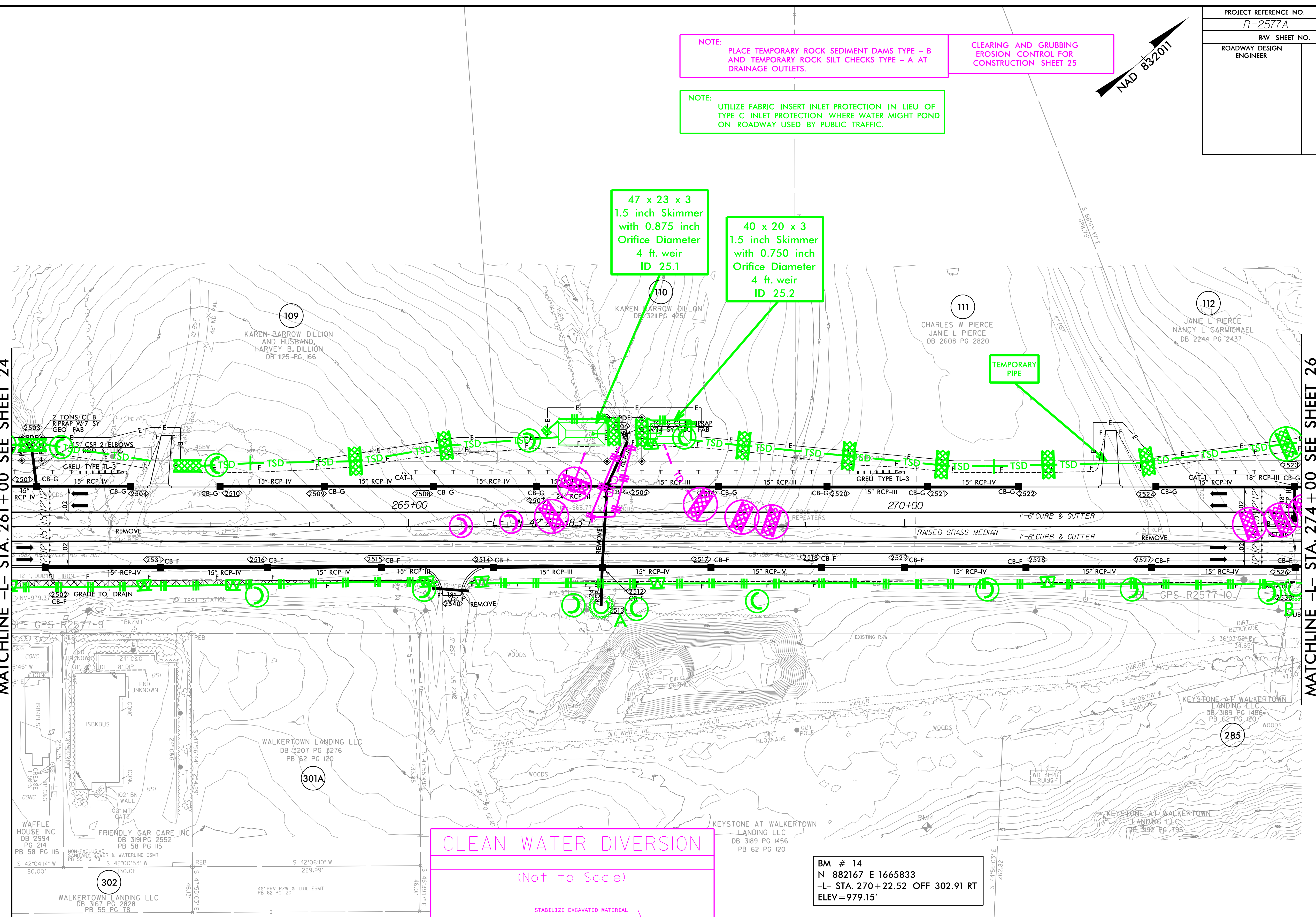
NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 25



MATCHLINE -L- STA. 261+00 SEE SHEET 24

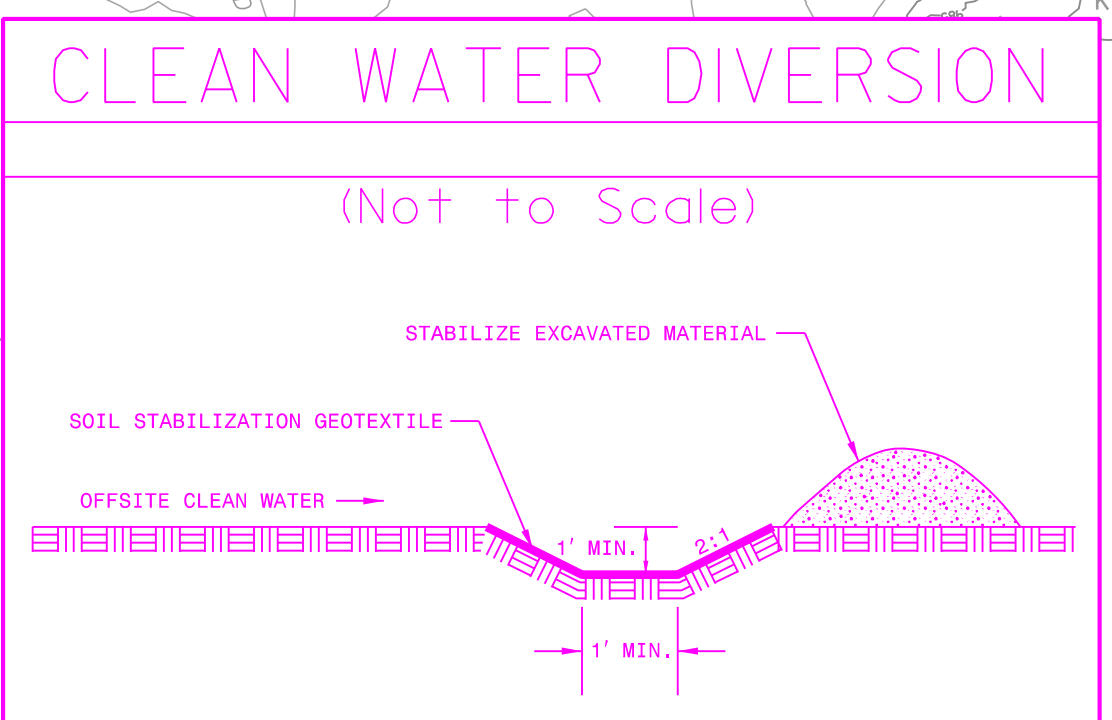
MATCHLINE -L- STA. 274+00 SEE SHEET 26



47 x 23 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 25.1

40 x 20 x 3
1.5 inch Skimmer
with 0.750 inch
Orifice Diameter
4 ft. weir
ID 25.2

TEMPORARY PIPE



BM # 14
N 882167 E 1665833
-L- STA. 270+22.52 OFF 302.91 RT
ELEV = 979.15'

REMOVAL OF EXISTING PAVEMENT

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

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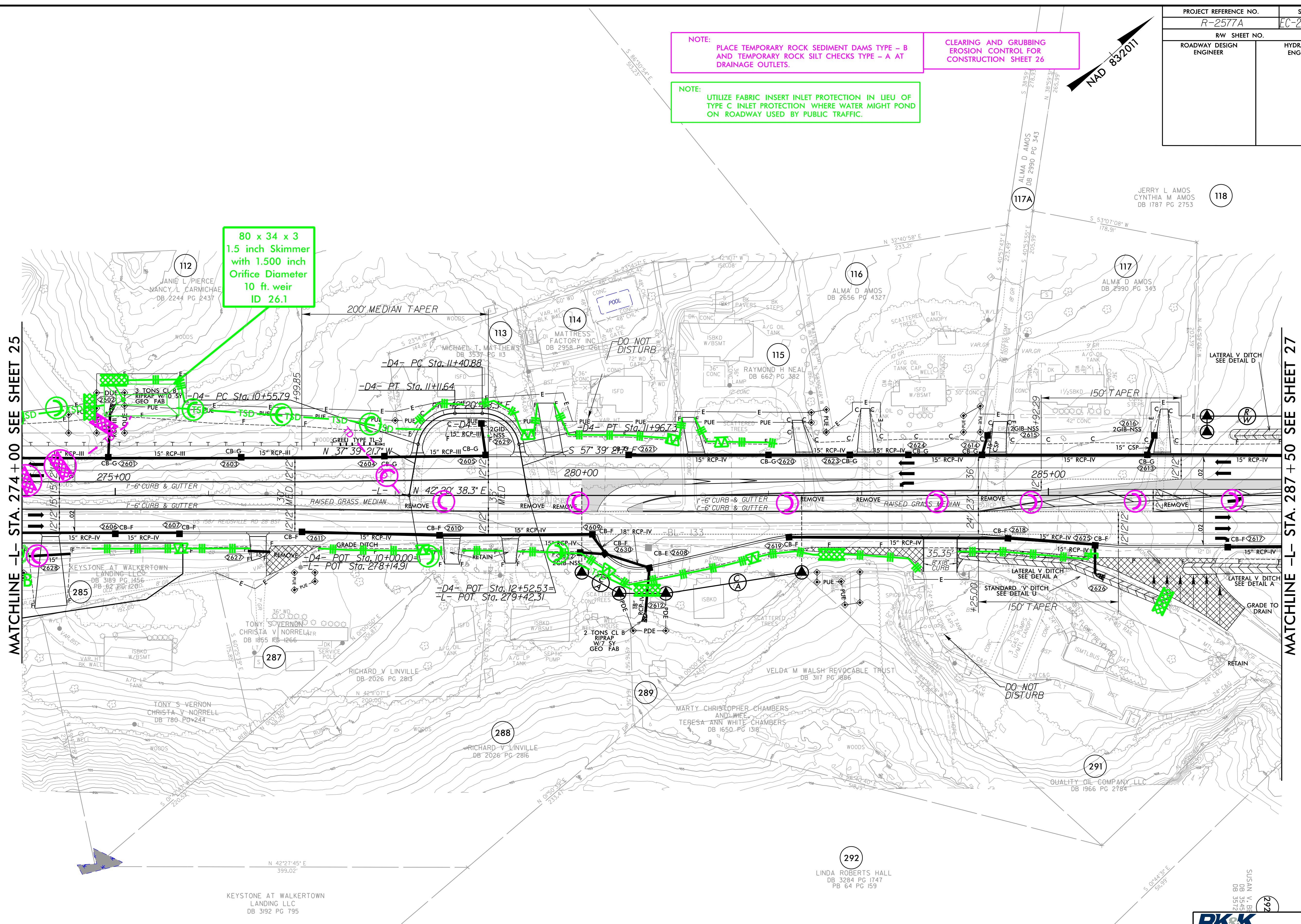
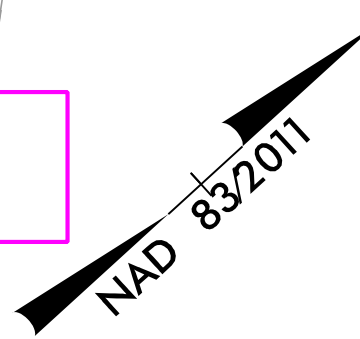
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8/17/2023
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PROJECT REFERENCE NO. R-2577A		SHEET NO. EC-26/CONST.26	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			

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 26

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



MATCHLINE -L- STA. 274+00 SEE SHEET 25

MATCHLINE -L- STA. 287+50 SEE SHEET 27

80 x 34 x 3
1.5 inch Skimmer
with 1.500 inch
Orifice Diameter
10 ft. weir
ID 26.1

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

REMOVAL OF EXISTING PAVEMENT

BM # 15
N 883107 E 1666974
-L- STA. 284 + 85.96 OFF 512.40 RT
ELEV = 932.74'

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12/14/2023
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SUSAN V. BERRY
DB 3572

Modified Silt Basin
Type 'B'
110 x 32 x 3
27 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 27.1

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

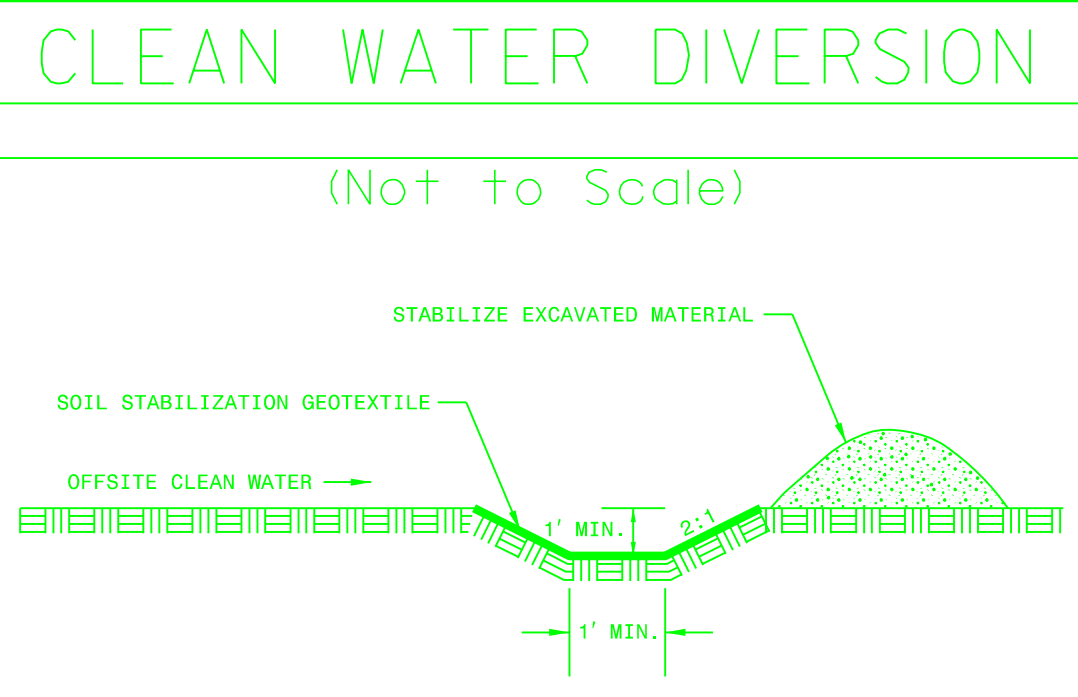
NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF
TYPE C INLET PROTECTION WHERE WATER MIGHT POND
ON ROADWAY USED BY PUBLIC TRAFFIC.

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 27

(2) 110 x 32 x 3
2.0 inch Skimmer
with 2.000 inch
Orifice Diameter
27 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 27.1

40 x 20 x 3
1.5 inch Skimmer
with 0.750 inch
Orifice Diameter
4 ft. weir
ID 27.3

74 x 37 x 3
1.5 inch Skimmer
with 1.500 inch
Orifice Diameter
10 ft. weir
ID 27.2



★ PROPOSED TRAFFIC SIGNAL

REMOVAL OF EXISTING PAVEMENT

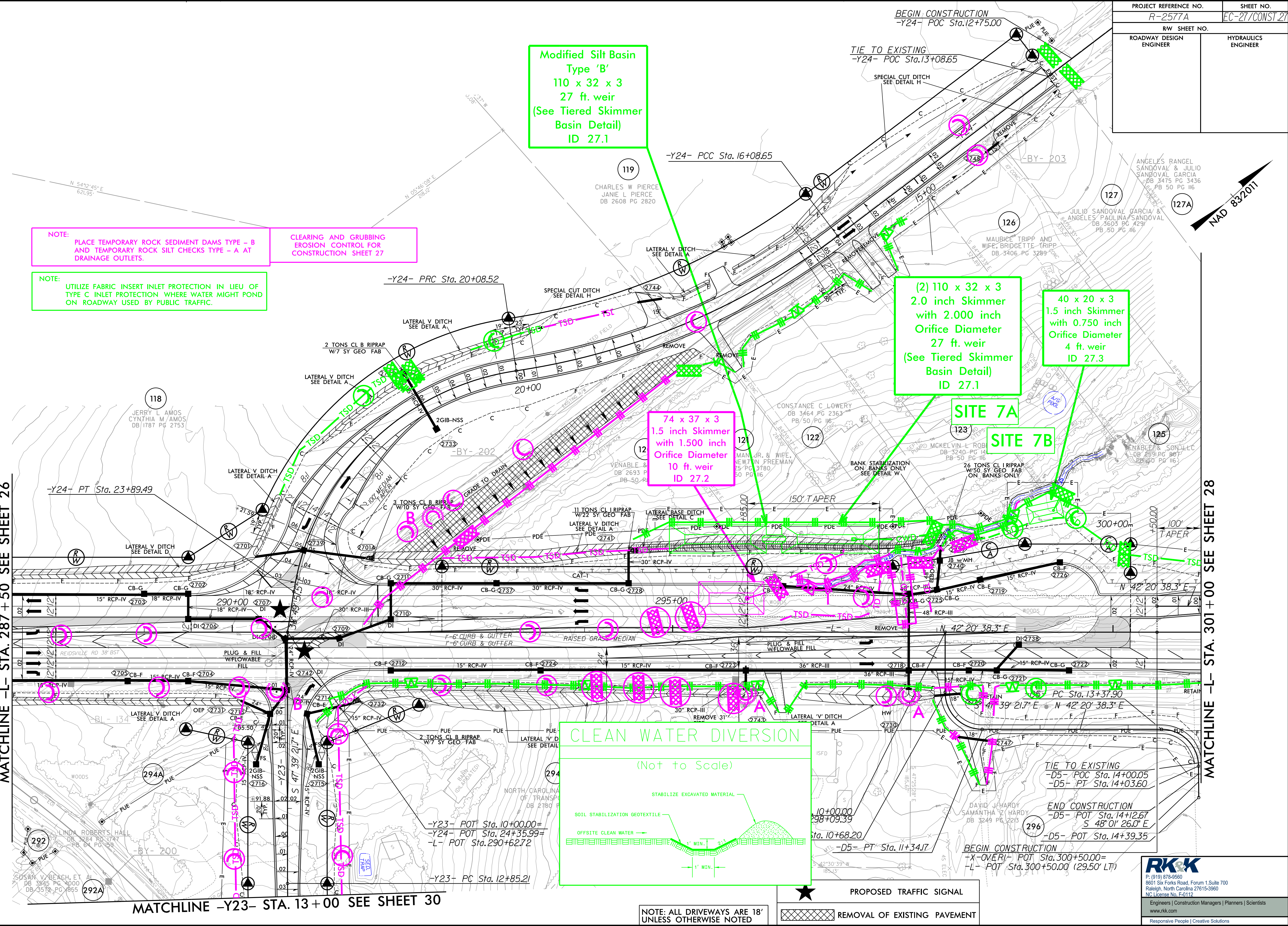
NOTE: ALL DRIVEWAYS ARE 18'
UNLESS OTHERWISE NOTED

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12/14/2023
C:\Users\jch\OneDrive\Documents\Projects\2577A\EC-27.dgn

MATCHLINE -L- STA. 287+50 SEE SHEET 26

MATCHLINE -L- STA. 301+00 SEE SHEET 28

MATCHLINE -Y23- STA. 13+00 SEE SHEET 30

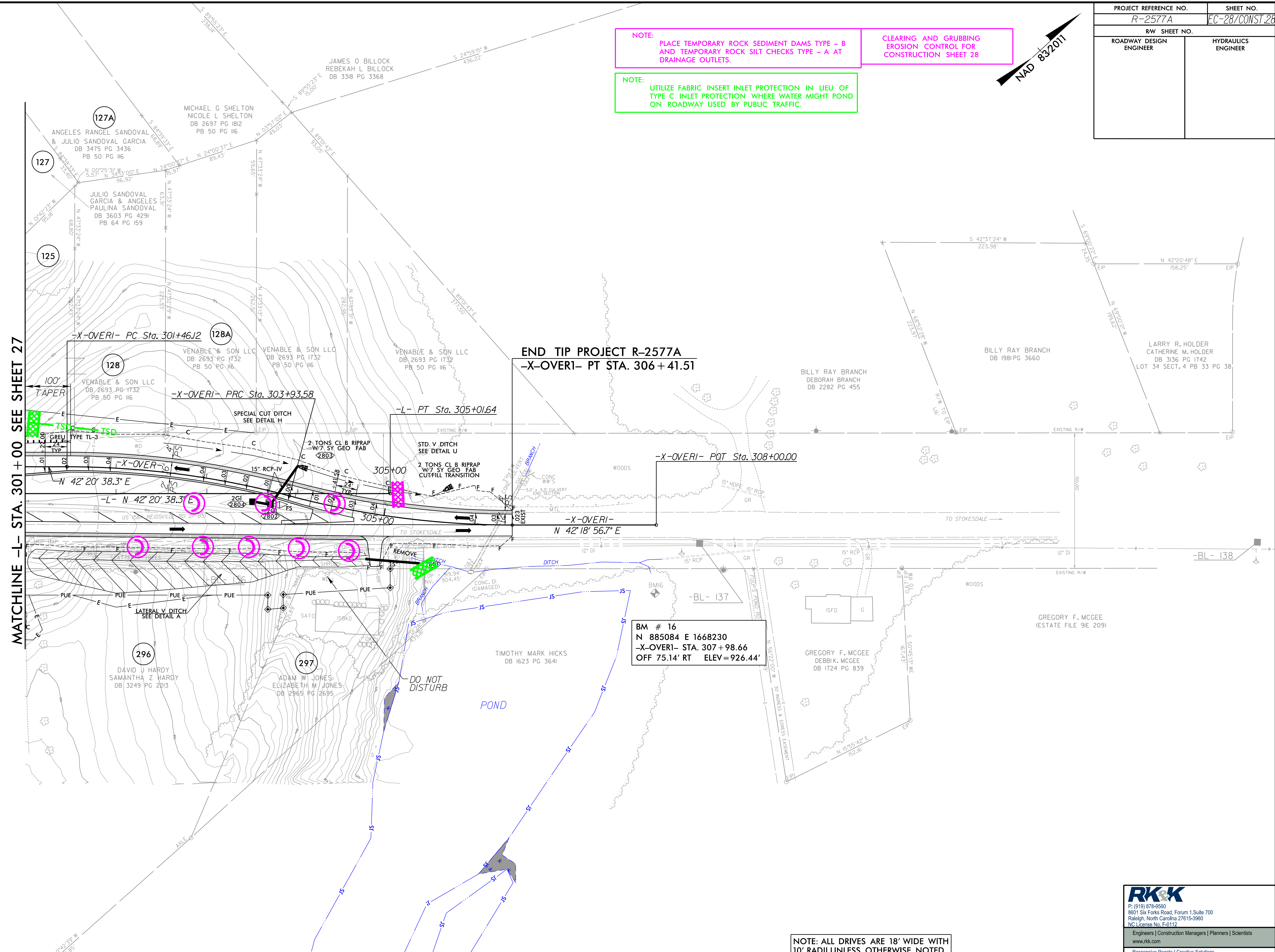
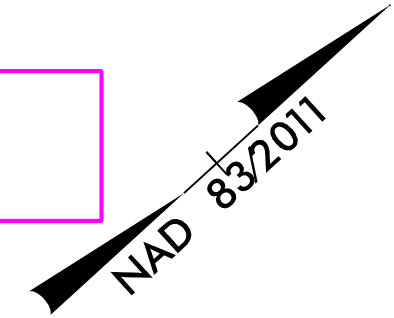


PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-28/CONST.28
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

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

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 28



MATCHLINE -L- STA. 301 + 00 SEE SHEET 27

END TIP PROJECT R-2577A
-X-OVER- PT STA. 306 + 41.51

BM # 16
N 885084 E 1668230
-X-OVER- STA. 307 + 98.66
OFF 75.14' RT ELEV = 926.44'

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

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8/17/2023
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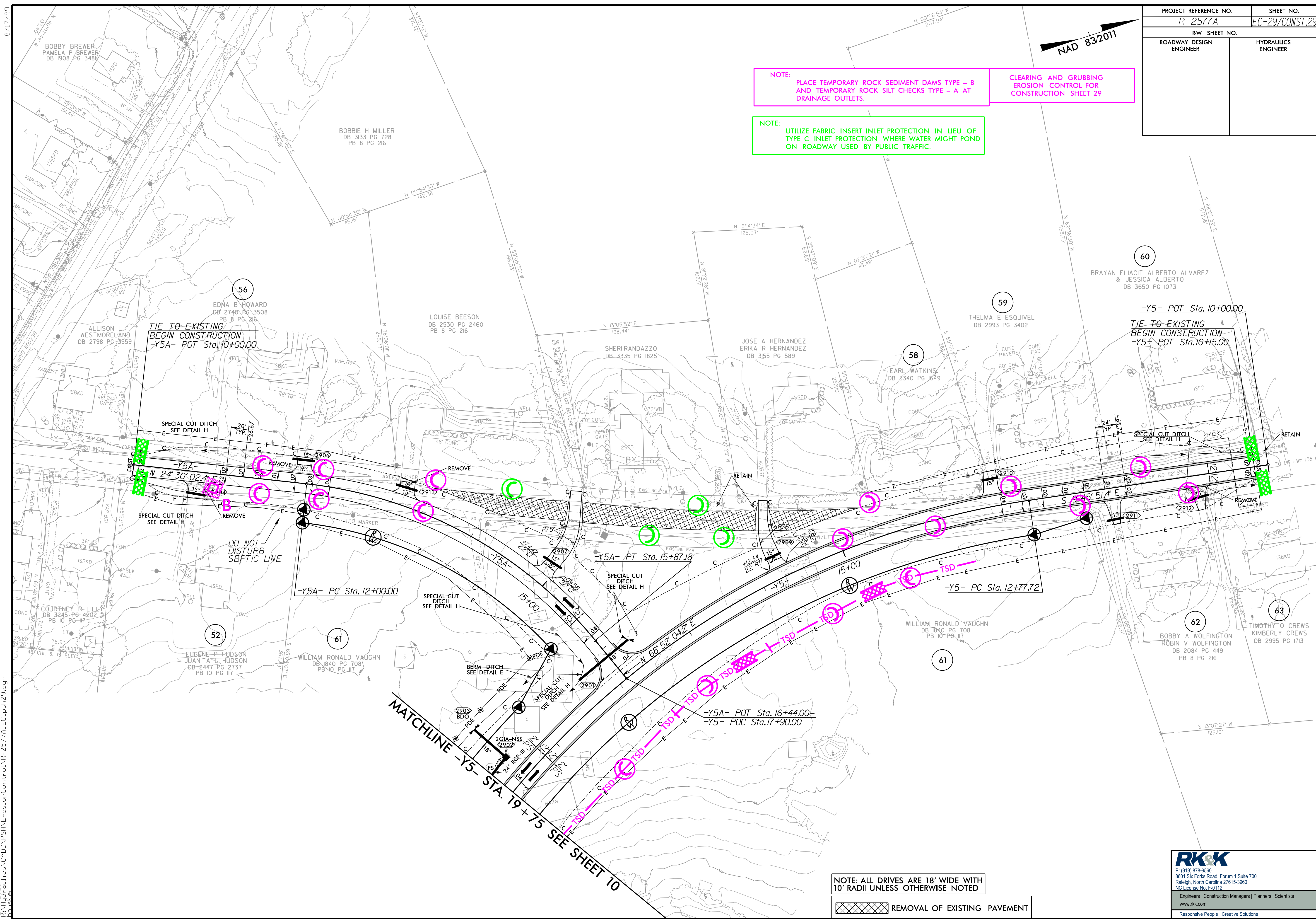
PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-29/CONST.29
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



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

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 29

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



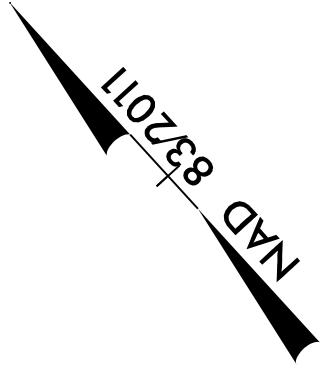
NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

REMOVAL OF EXISTING PAVEMENT

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12/11/2023
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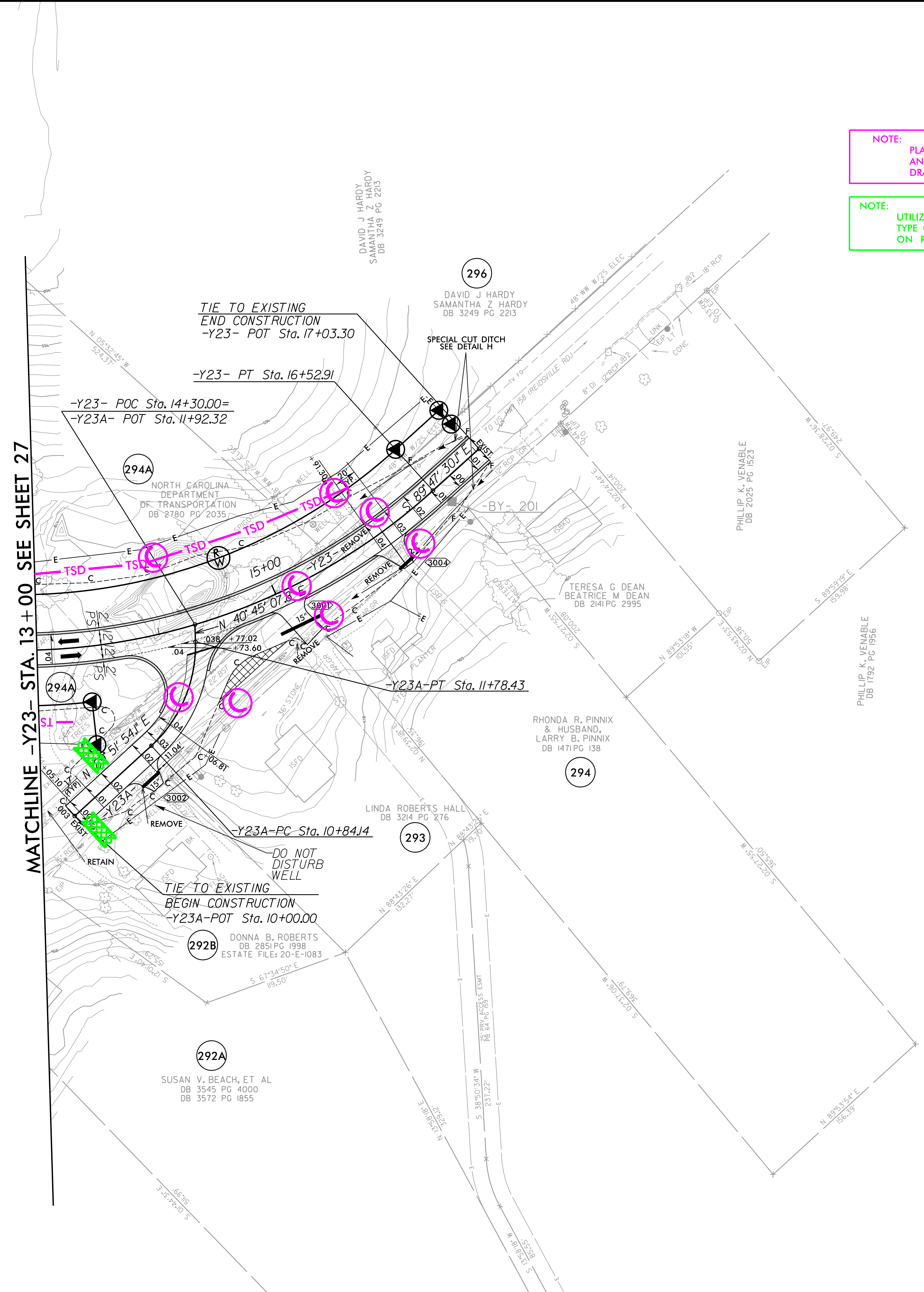
PROJECT REFERENCE NO. R-2577A		SHEET NO. EC-30/CONST.30	
RW SHEET NO.		HYDRAULICS	
ROADWAY DESIGN ENGINEER		ENGINEER	



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 30

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



MATCHLINE -Y23- STA. 13 + 00 SEE SHEET 27

REMOVAL OF EXISTING PAVEMENT

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PROJECT REFERENCE NO. R-2577A		SHEET NO. EC-31/CONST.4	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

BEGIN TIP PROJECT R-2577A
-L- STA. 0+00.00

58 x 29 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
5 ft. weir
ID 4-3

45 x 22 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 4-4

★ PROPOSED SIGNAL

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MATCHLINE -L- STA. 4+50 SEE SHEET 5

DB 3619 PG 236
CONDO PLAT 8 PG 136

44 x 22 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 5.2

58 x 28 x 3
1.5 inch Skimmer
with 1.125 inch
Orifice Diameter
6 ft. weir
ID 5.1

45 x 22 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 4.4

32 x 15 x 3
1.5 inch Skimmer
with 0.500 inch
Orifice Diameter
4 ft. weir
ID 5.3

34 x 16 x 3
1.5 inch Skimmer
with 0.500 inch
Orifice Diameter
4 ft. weir
ID 5.4

60 x 29 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
6 ft. weir
ID 5.7

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

★ PROPOSED SIGNAL

BM # 2
N 862560 E 1649507
-L- STA. 14+13.23 OFF 253.63' RT
ELEV=884.50'

REMOVAL OF EXISTING PAVEMENT

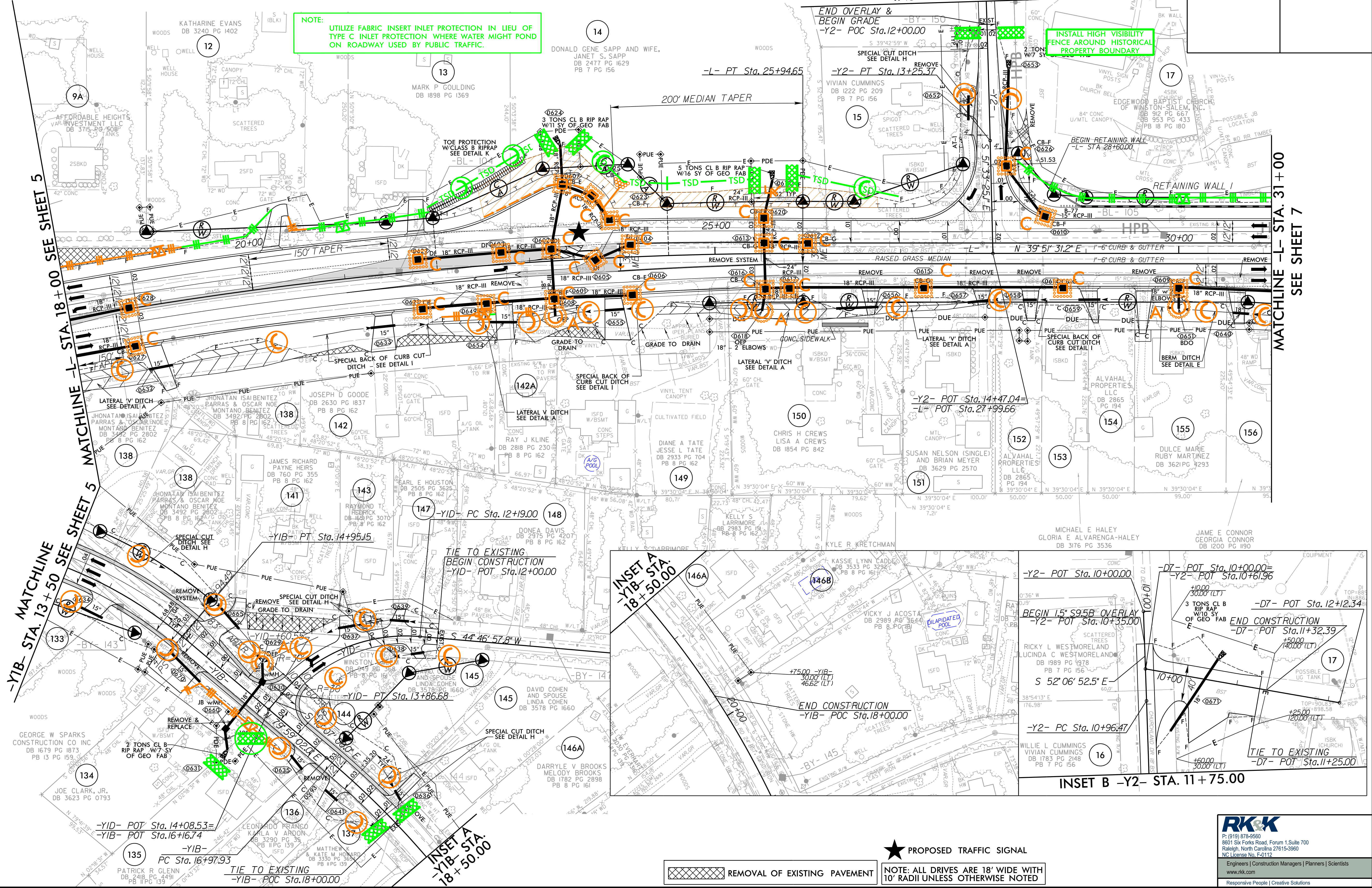
NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

8/17/19

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-33/CONST.6
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

8/17/19 917.50' E 92.04' NAD 83/2011

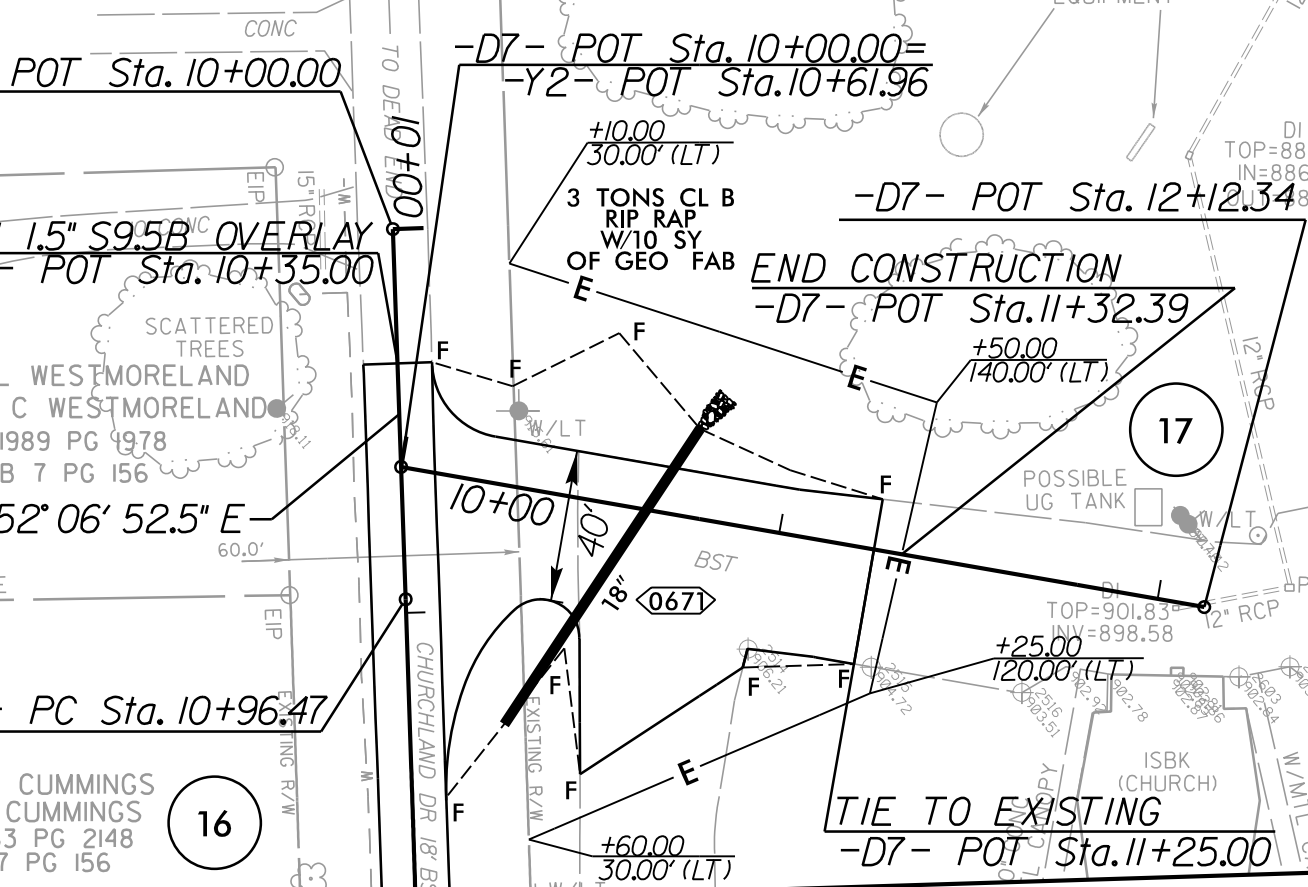


NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

INSTALL HIGH VISIBILITY FENCE AROUND HISTORICAL PROPERTY BOUNDARY

INSET B -Y2- STA. 11+75.00

INSET A -Y1B- STA. 18+50.00



INSET B -Y2- STA. 11+75.00

★ PROPOSED TRAFFIC SIGNAL

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

REMOVAL OF EXISTING PAVEMENT

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-34/CONST.7
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



BM # 3
N 864683 E 1650366
-L- STA. 36 + 73.37 OFF 300.02' RT
ELEV = 888.50'

INSTALL HIGH VISIBILITY FENCE AROUND HISTORICAL PROPERTY BOUNDARY

37 x 18 x 3
ID 7.1

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

TIE TO EXISTING
-Y3- PT Sta. 12+97.48
END CONSTRUCTION
-Y3- POT Sta. 13+00.00
-Y3- POT Sta. 13+17.86

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

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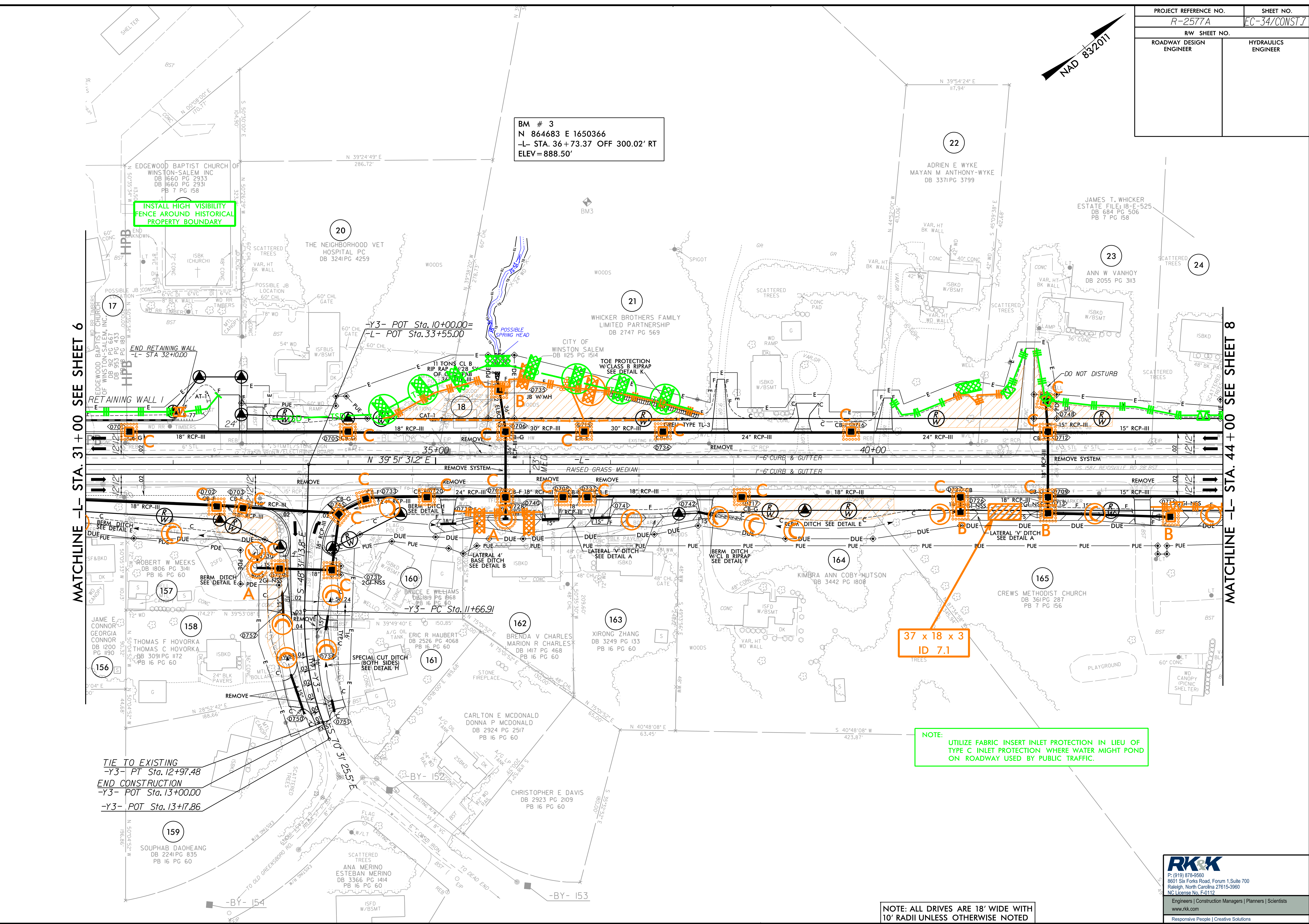
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MATCHLINE -L- STA. 31 + 00 SEE SHEET 6

MATCHLINE -L- STA. 44 + 00 SEE SHEET 8



PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-35/CONST.8
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT FLOW ON ROADWAY USED BY PUBLIC TRAFFIC.

40 x 20 x 3
1.5 inch Skimmer
with 0.750 inch
Orifice Diameter
4 ft. weir
ID 8.5

TEMPORARY PIPE

100 x 20 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
11 ft. weir
ID 8.3

150 x 41 x 3
2.5 inch Skimmer
with 2.25 inch
Orifice Diameter
24 ft. weir
ID 8-1

MATCHLINE -L- STA. 44 + 00 SEE SHEET 7

MATCHLINE -L- STA. 57 + 00 SEE SHEET 9

CB (0845) WILL BE FIELD ADJUSTED IN ORDER TO TIE EXISTING CHURCH SYSTEM TO THE PROPOSED DRAINAGE SYSTEM.

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

[Symbol] REMOVAL OF EXISTING PAVEMENT

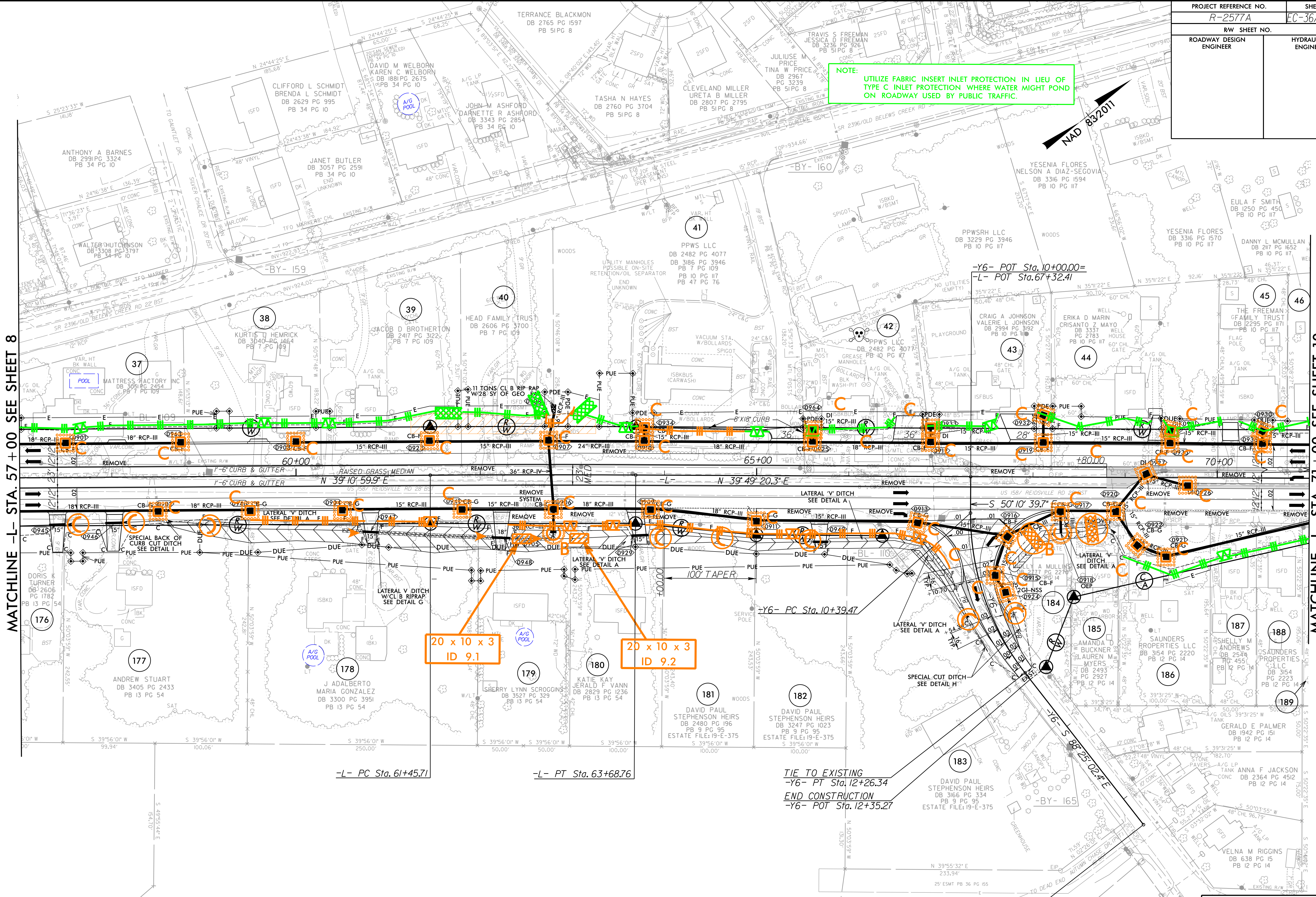
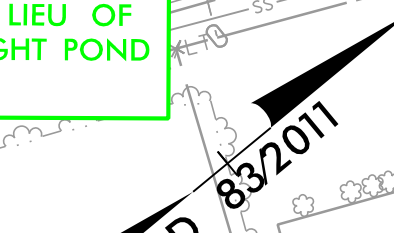
TIE TO EXISTING END CONSTRUCTION
-Y4- POT Sta. 14+00.00
-Y4- POT Sta. 15+50.00

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-36/CONST.9
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



MATCHLINE -L- STA. 57+00 SEE SHEET 8

MATCHLINE -L- STA. 71+00 SEE SHEET 10

20 x 10 x 3
ID 9.1

20 x 10 x 3
ID 9.2

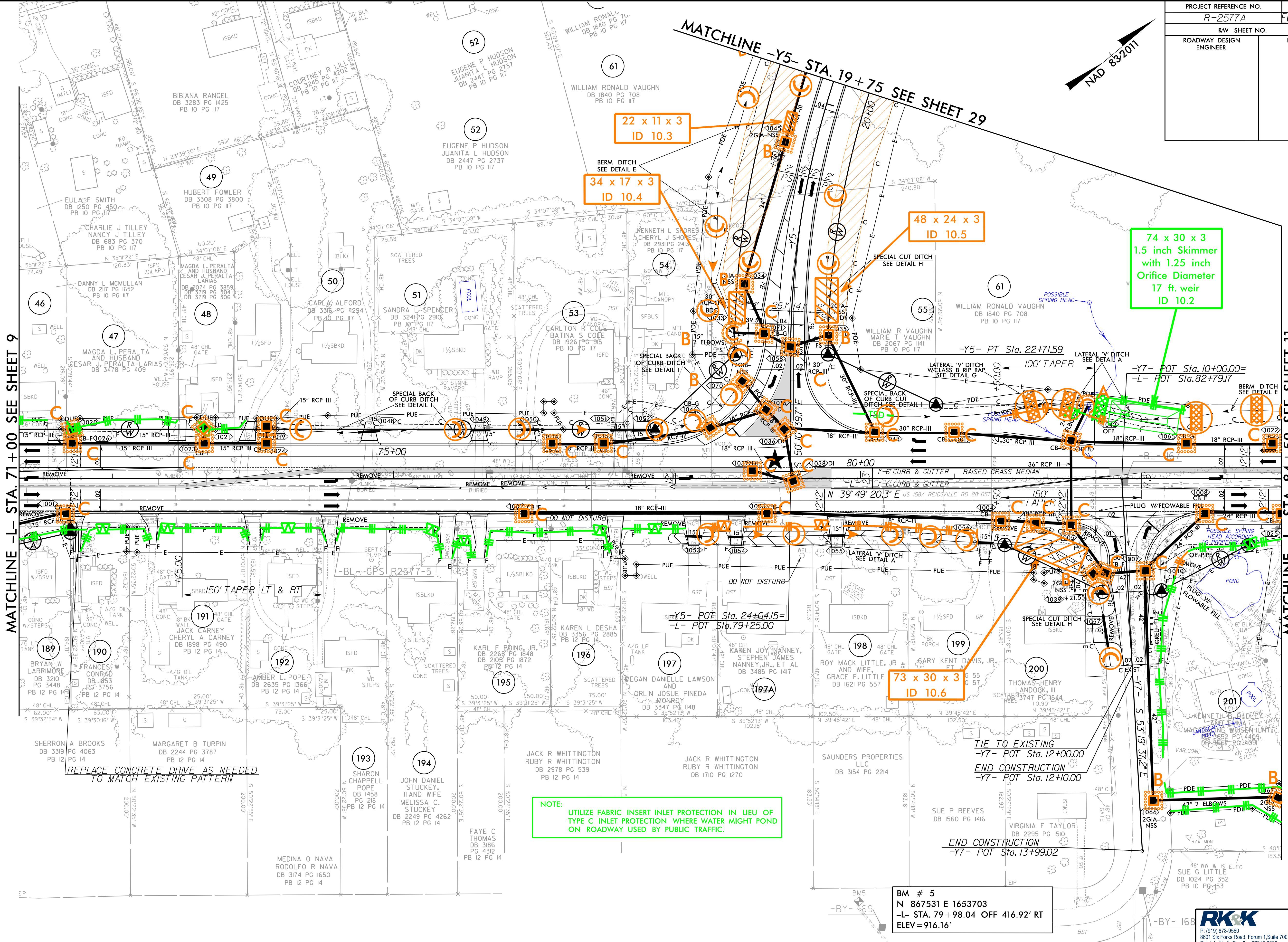
TIE TO EXISTING
-Y6- PT Sta. 12+26.34
END CONSTRUCTION
-Y6- POT Sta. 12+35.27

REMOVAL OF EXISTING PAVEMENT

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-37/CONST.10
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



MATCHLINE -L- STA. 71+00 SEE SHEET 9

MATCHLINE -L- STA. 84+50 SEE SHEET 11

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

REPLACE CONCRETE DRIVE AS NEEDED TO MATCH EXISTING PATTERN

BM # 5
N 867531 E 1653703
-L- STA. 79+98.04 OFF 416.92' RT
ELEV = 916.16'

★ PROPOSED TRAFFIC SIGNAL

NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

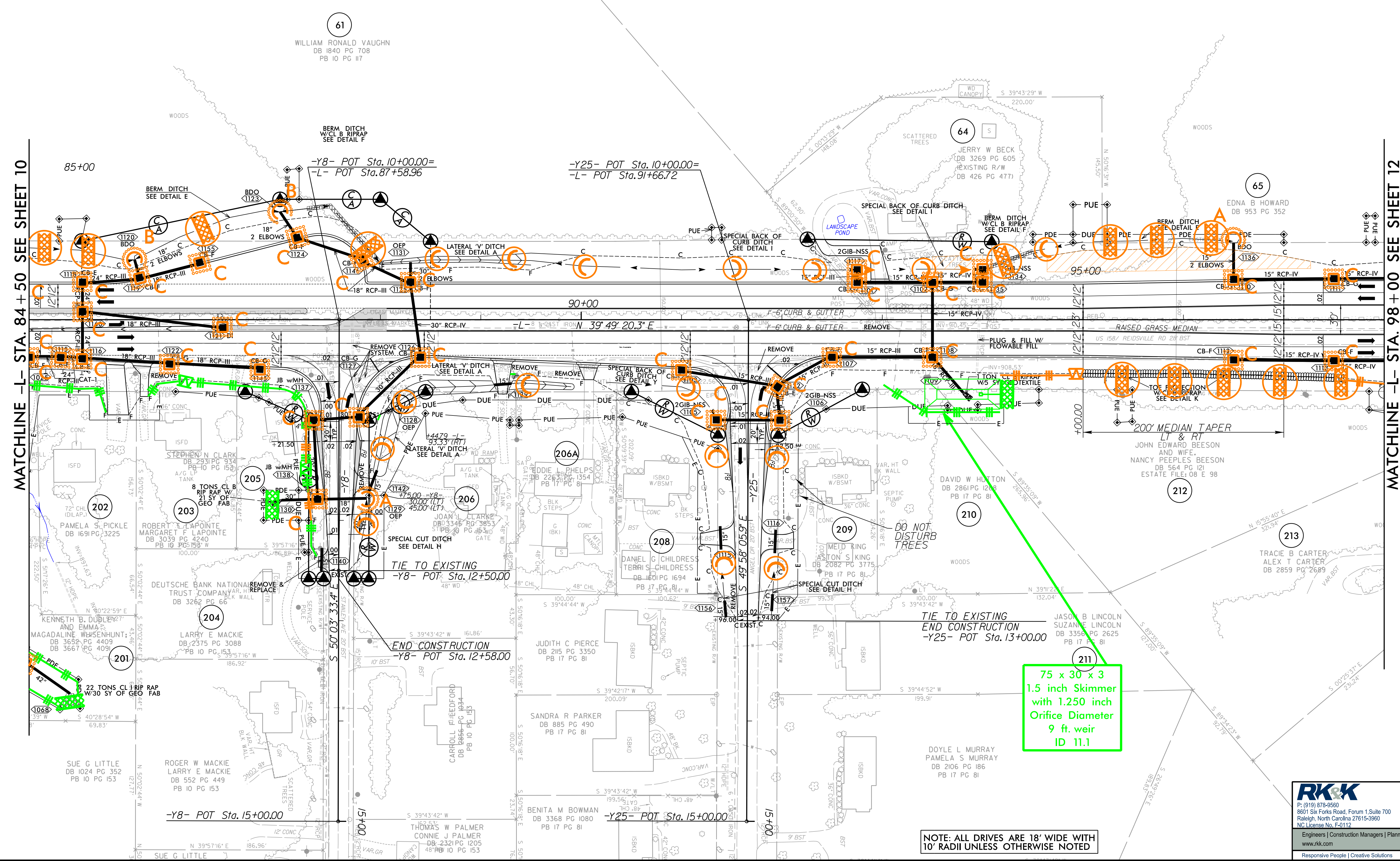
MANNA BAPTIST CHURCH
DB 1636 PG 1729

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-38/CONST II
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



75 x 30 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
9 ft. weir
ID 11.1

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

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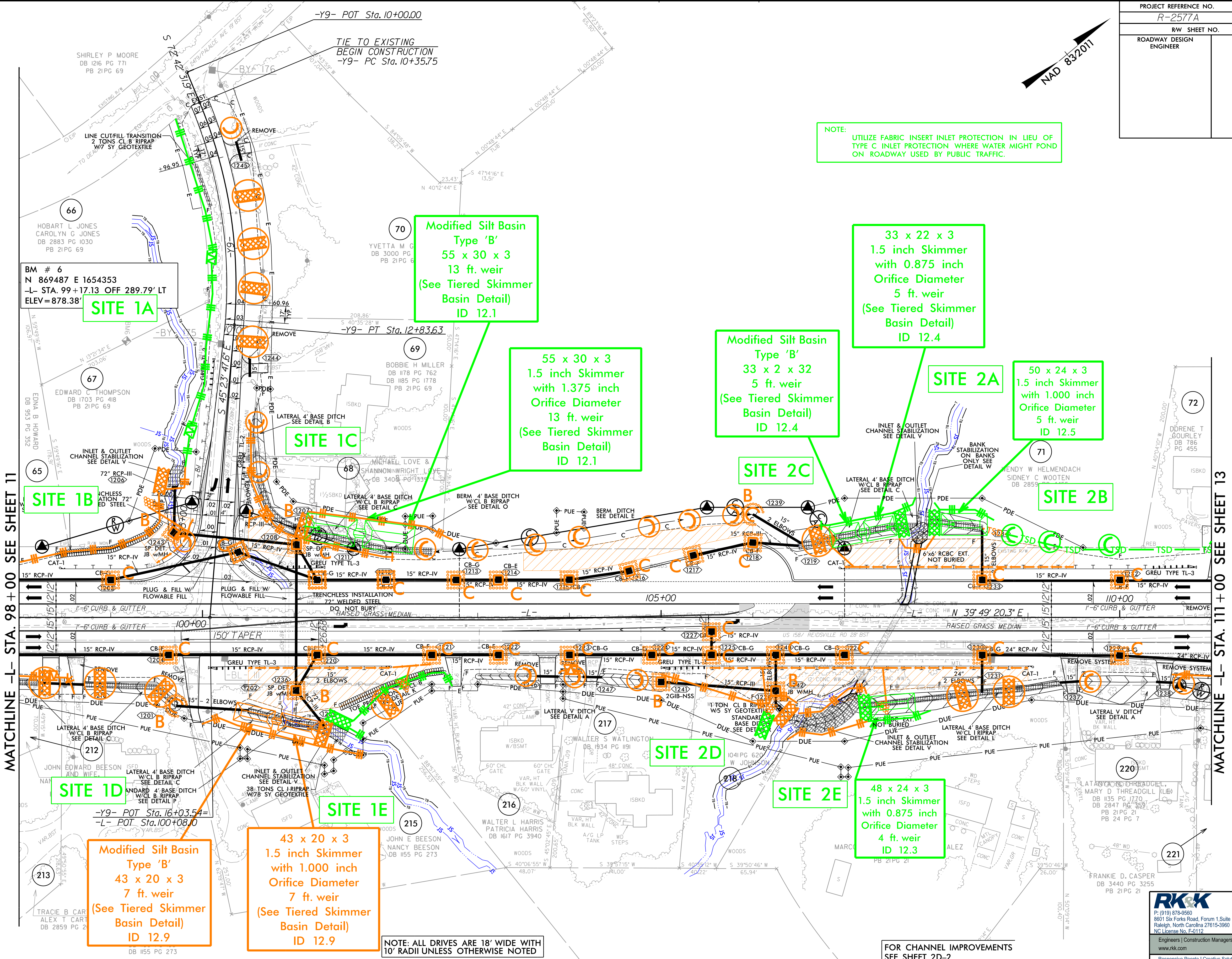
Responsive People | Creative Solutions

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-39/CONST12
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



BM # 6
N 869487 E 1654353
-L- STA. 99+17.13 OFF 289.79' LT
ELEV = 878.38'

Modified Silt Basin
Type 'B'
55 x 30 x 3
13 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 12.1

33 x 22 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
5 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 12.4

55 x 30 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
13 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 12.1

Modified Silt Basin
Type 'B'
33 x 2 x 32
5 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 12.4

50 x 24 x 3
1.5 inch Skimmer
with 1.000 inch
Orifice Diameter
5 ft. weir
ID 12.5

SITE 1B

SITE 1C

SITE 2C

SITE 2A

SITE 2B

Modified Silt Basin
Type 'B'
43 x 20 x 3
7 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 12.9

43 x 20 x 3
1.5 inch Skimmer
with 1.000 inch
Orifice Diameter
7 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 12.9

48 x 24 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 12.3

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

MATCHLINE -L- STA. 111+00 SEE SHEET 13

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

FOR CHANNEL IMPROVEMENTS
SEE SHEET 2D-2

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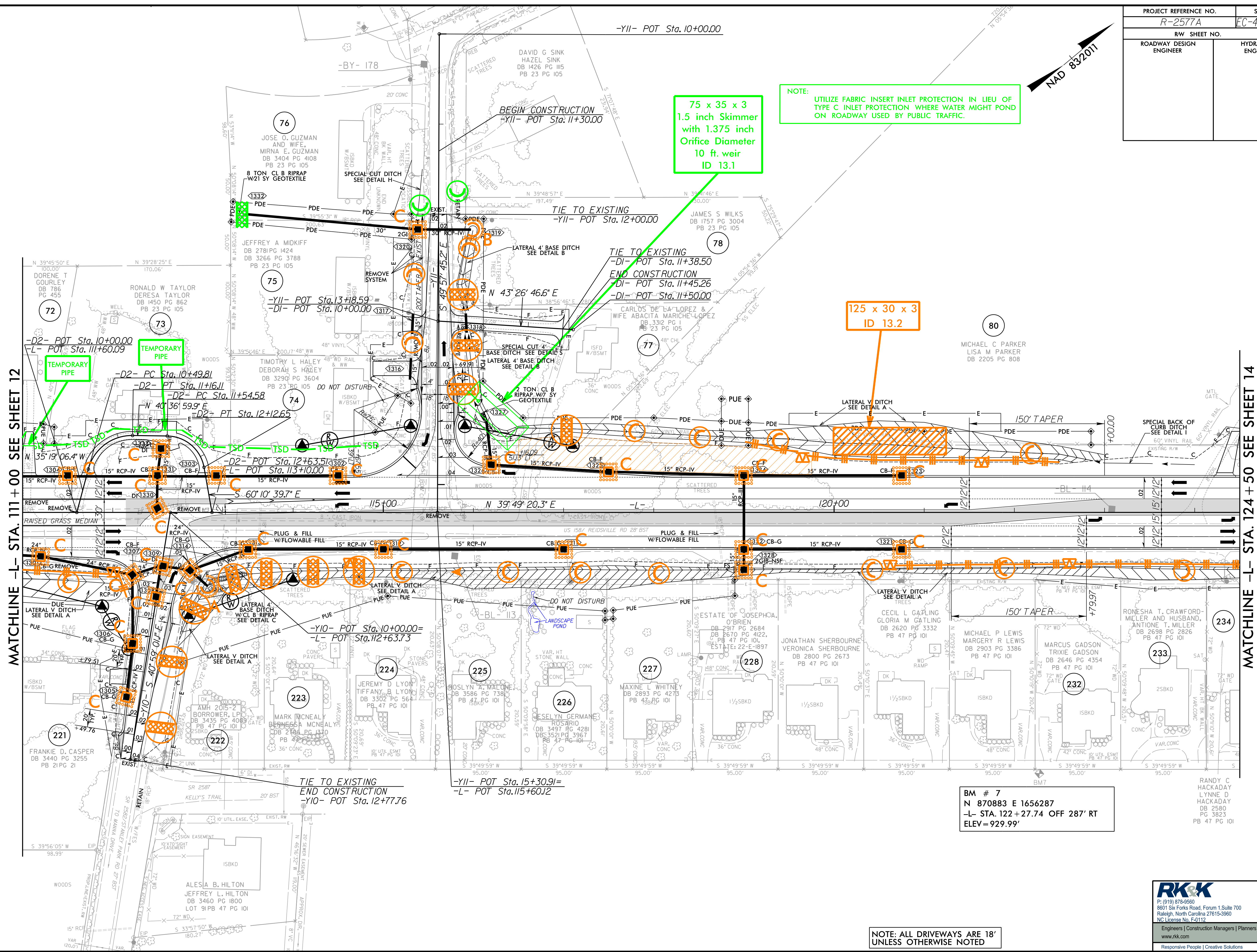
PROJECT REFERENCE NO.	SHEET NO.
R-2577A	EC-40/CONST13
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

75 x 35 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
10 ft. weir
ID 13.1

125 x 30 x 3
ID 13.2



MATCHLINE -L- STA. 111 + 00 SEE SHEET 12

MATCHLINE -L- STA. 124 + 50 SEE SHEET 14

BM # 7
N 870883 E 1656287
-L- STA. 122 + 27.74 OFF 287' RT
ELEV = 929.99'

NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-41/CONST.14
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

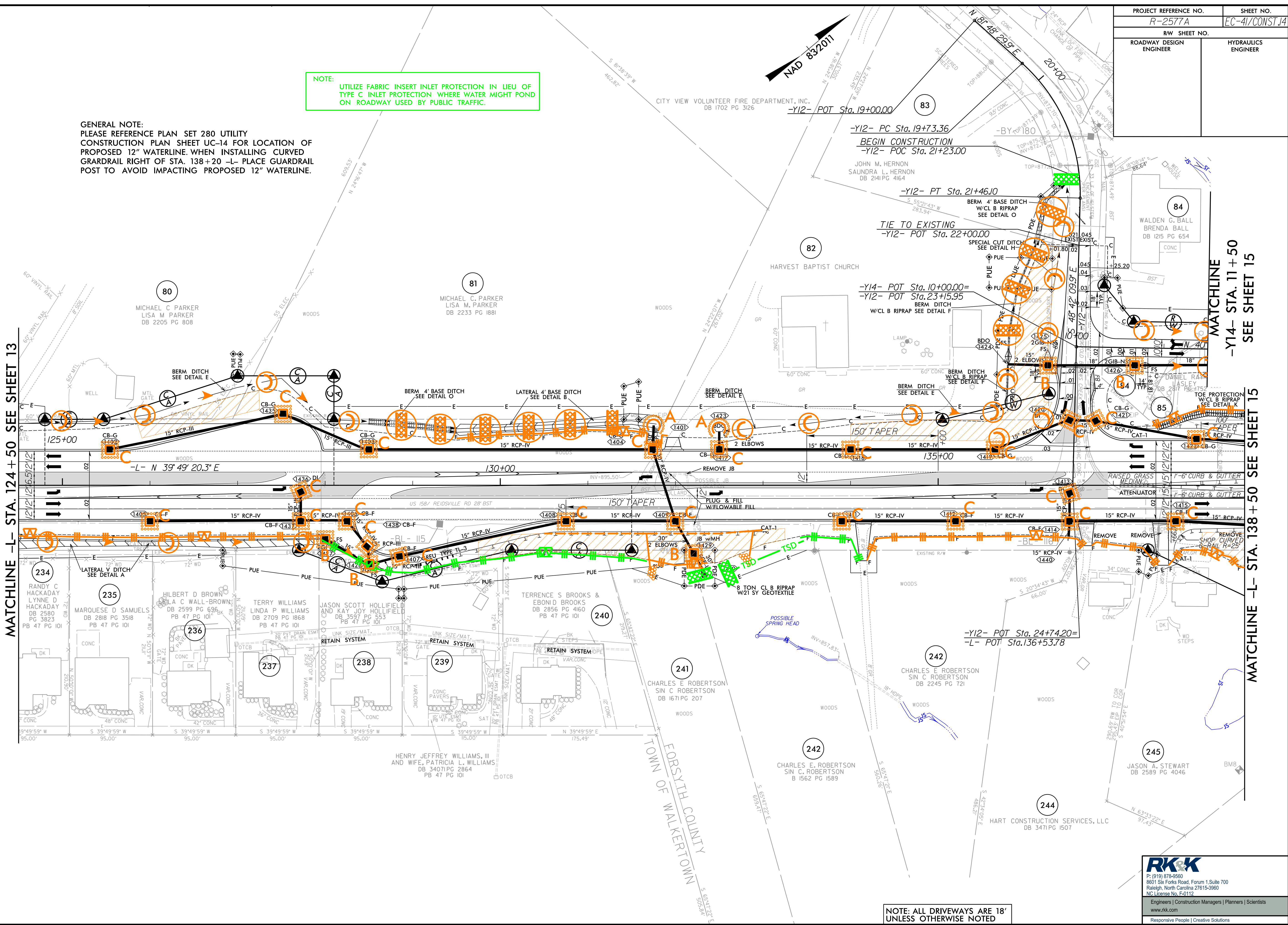
NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

GENERAL NOTE:
PLEASE REFERENCE PLAN SET 280 UTILITY CONSTRUCTION PLAN SHEET UC-14 FOR LOCATION OF PROPOSED 12" WATERLINE. WHEN INSTALLING CURVED GRADRAIL RIGHT OF STA. 138+20 -L- PLACE GUARDRAIL POST TO AVOID IMPACTING PROPOSED 12" WATERLINE.

MATCHLINE -L- STA. 124+50 SEE SHEET 13

MATCHLINE
-Y14- STA. 11+50
SEE SHEET 15

MATCHLINE -L- STA. 138+50 SEE SHEET 15



NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

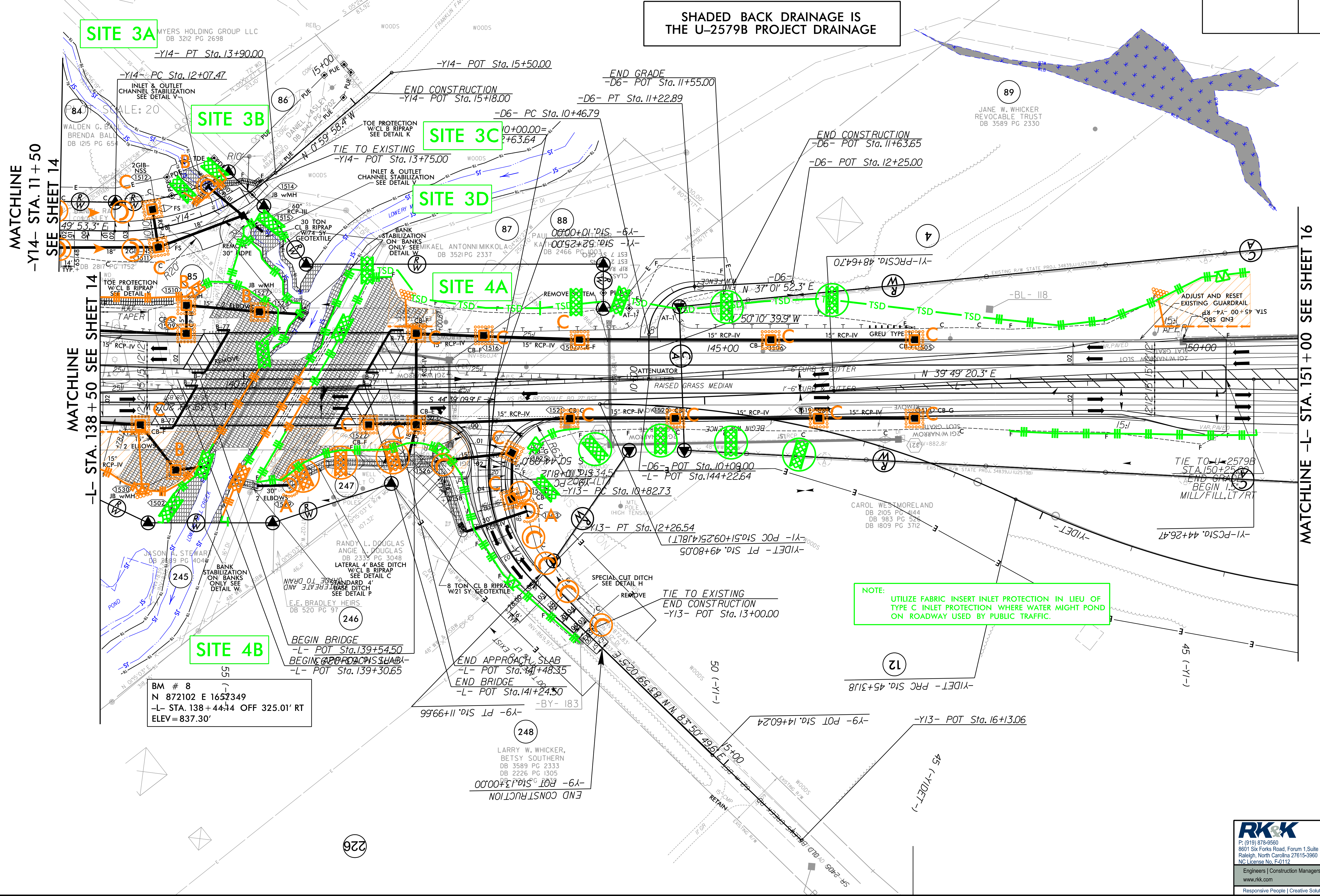
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PROJECT REFERENCE NO.	SHEET NO.
R-2577A	EC-42/CONST15
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SHADED BACK DRAINAGE IS THE U-2579B PROJECT DRAINAGE



NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

BM # 8
 N 872102 E 1652349
 -L- STA. 138 + 44.4 OFF 325.01' RT
 ELEV = 837.30'

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-43/CONST.16
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

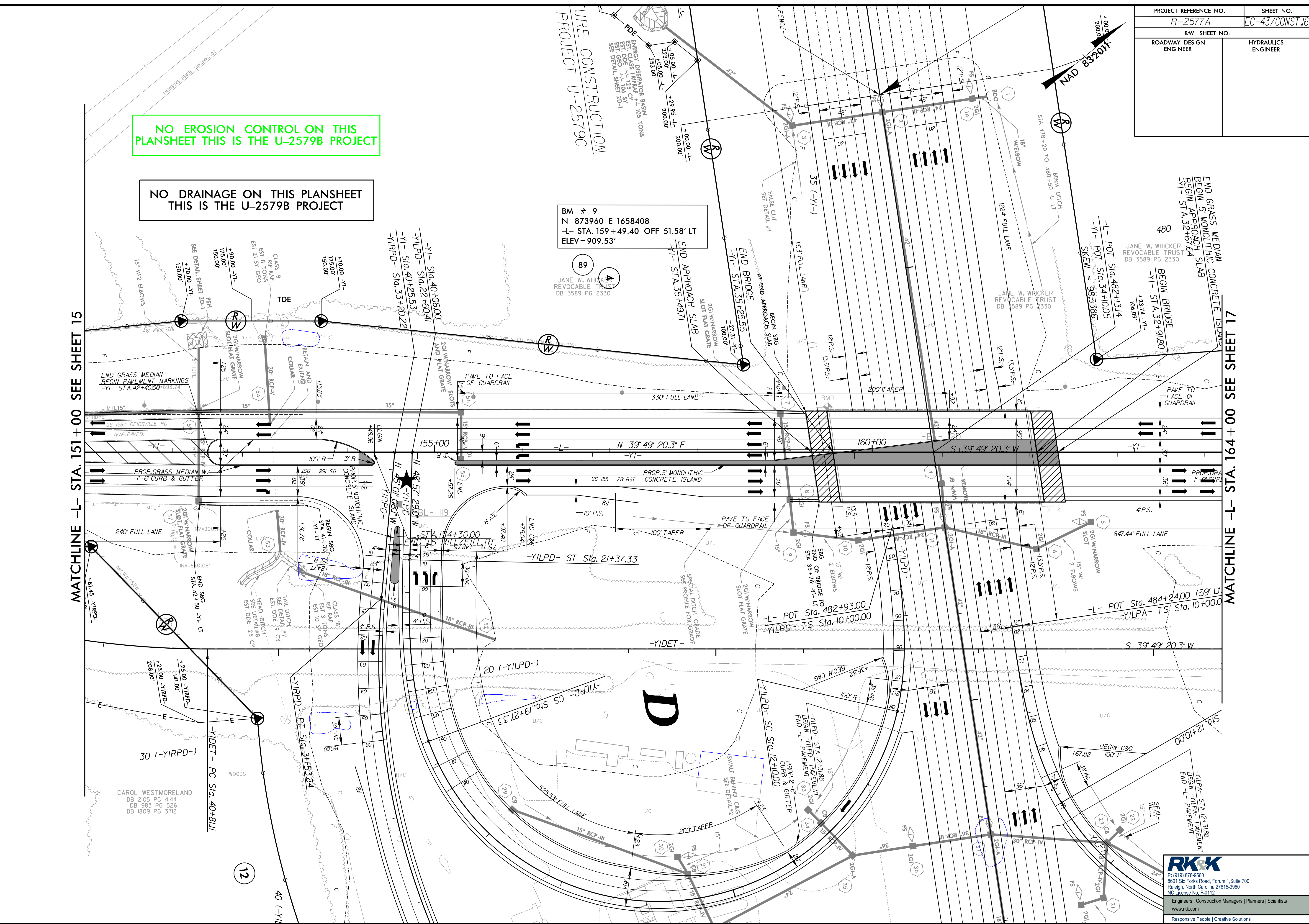
NO EROSION CONTROL ON THIS PLANSHEET THIS IS THE U-2579B PROJECT

NO DRAINAGE ON THIS PLANSHEET THIS IS THE U-2579B PROJECT

BM # 9
Z 873960 E 1658408
-L- STA. 159+49.40 OFF 51.58' LT
ELEV = 909.53'

MATCHLINE -L- STA. 151+00 SEE SHEET 15

MATCHLINE -L- STA. 164+00 SEE SHEET 17



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PROJECT REFERENCE NO. R-2577A		SHEET NO. EC-44/CONST 17	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

SHADED BACK DRAINAGE IS THE U-2579B PROJECT DRAINAGE

MATCHLINE -L- STA. 164+00 SEE SHEET 16

MATCHLINE -L- STA. 177+00 SEE SHEET 18

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-45/CONST18
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

SHADED BACK DRAINAGE IS THE U-2579B PROJECT DRAINAGE

46 x 29 x 3
ID 18.2

28 x 17 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 18.1

Modified Silt Basin
Type 'B'
28 x 17 x 3
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 18.1

BM # 10
N 875520 E 1660195
-L- STA. 182 + 91.04 OFF 321.72' RT
ELEV = 923.01'

NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

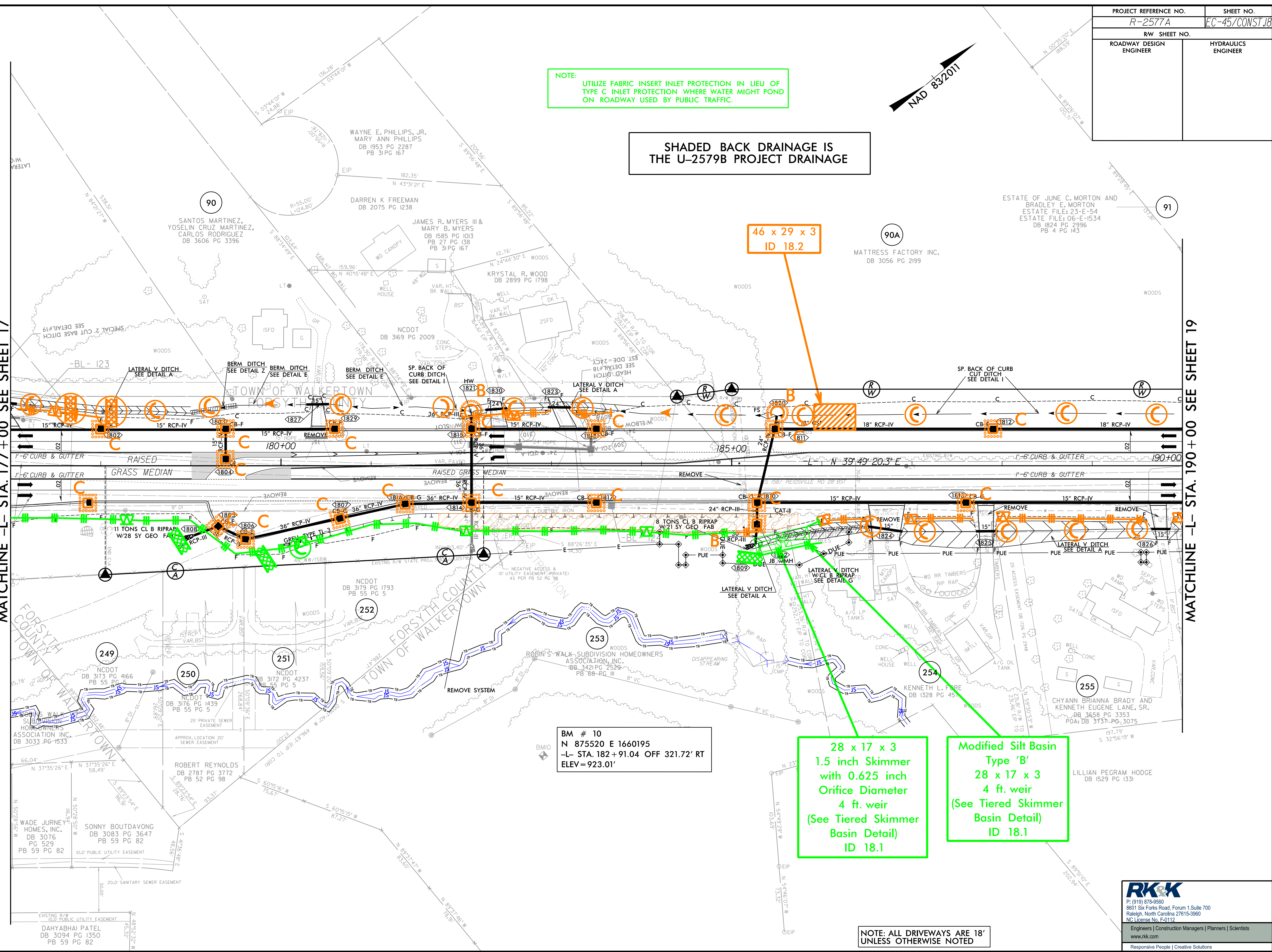
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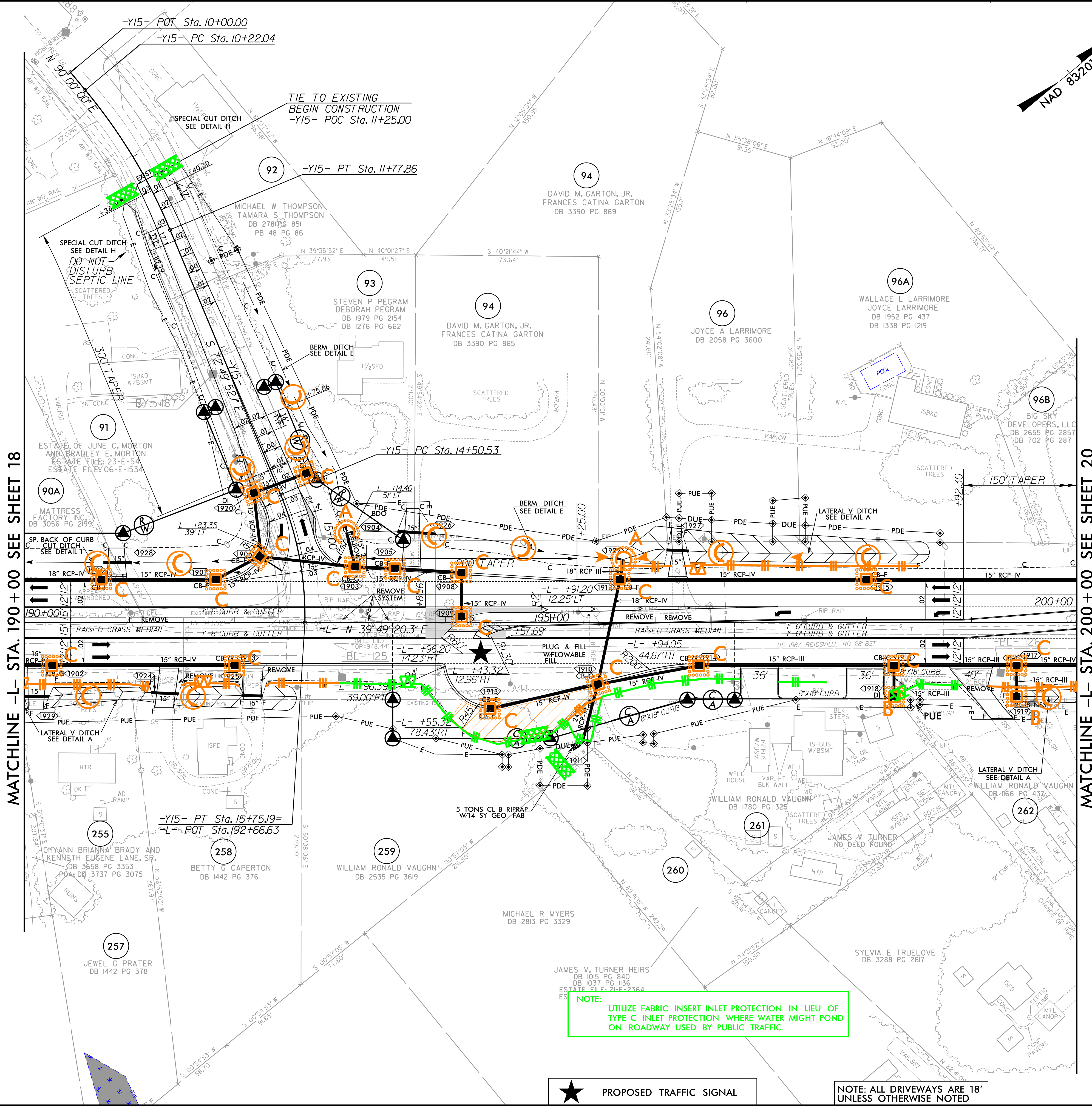
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MATCHLINE -L- STA. 177 + 00 SEE SHEET 17

MATCHLINE -L- STA. 190 + 00 SEE SHEET 19



PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-46/CONST.19
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE -L- STA. 190 + 00 SEE SHEET 18

MATCHLINE -L- STA. 200 + 00 SEE SHEET 20

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

★ PROPOSED TRAFFIC SIGNAL

NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

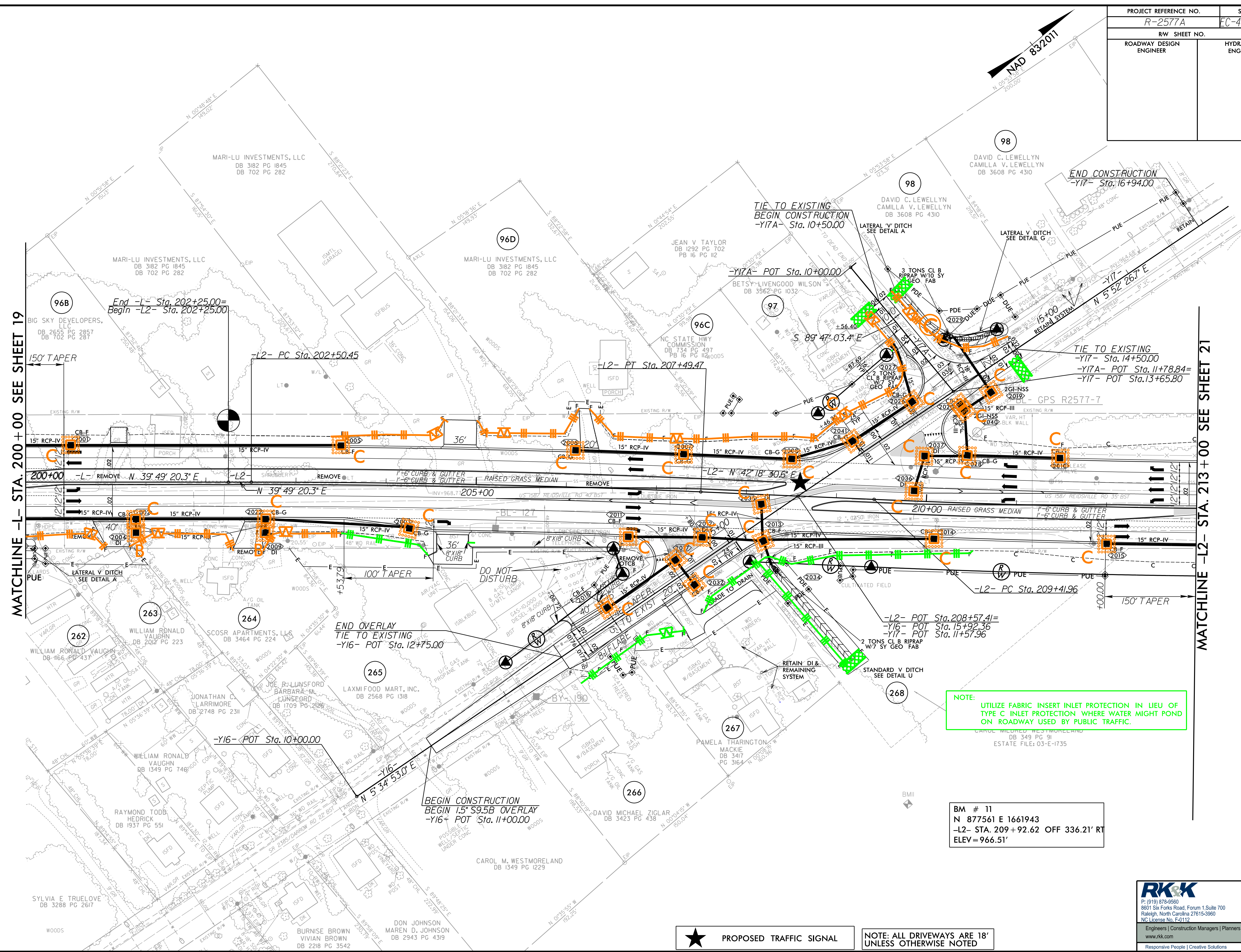
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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-47/CONST.20
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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MATCHLINE -L- STA. 200+00 SEE SHEET 19

MATCHLINE -L2- STA. 213+00 SEE SHEET 21

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

BM # 11
N 877561 E 1661943
-L2- STA. 209+92.62 OFF 336.21' RT
ELEV=966.51'

★ PROPOSED TRAFFIC SIGNAL

NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-48/CONST.2
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

(2) 25 x 17 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 21.2

SITE 5A

Modified Silt Basin
Type 'B'
25 x 17 x 3
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 21.2

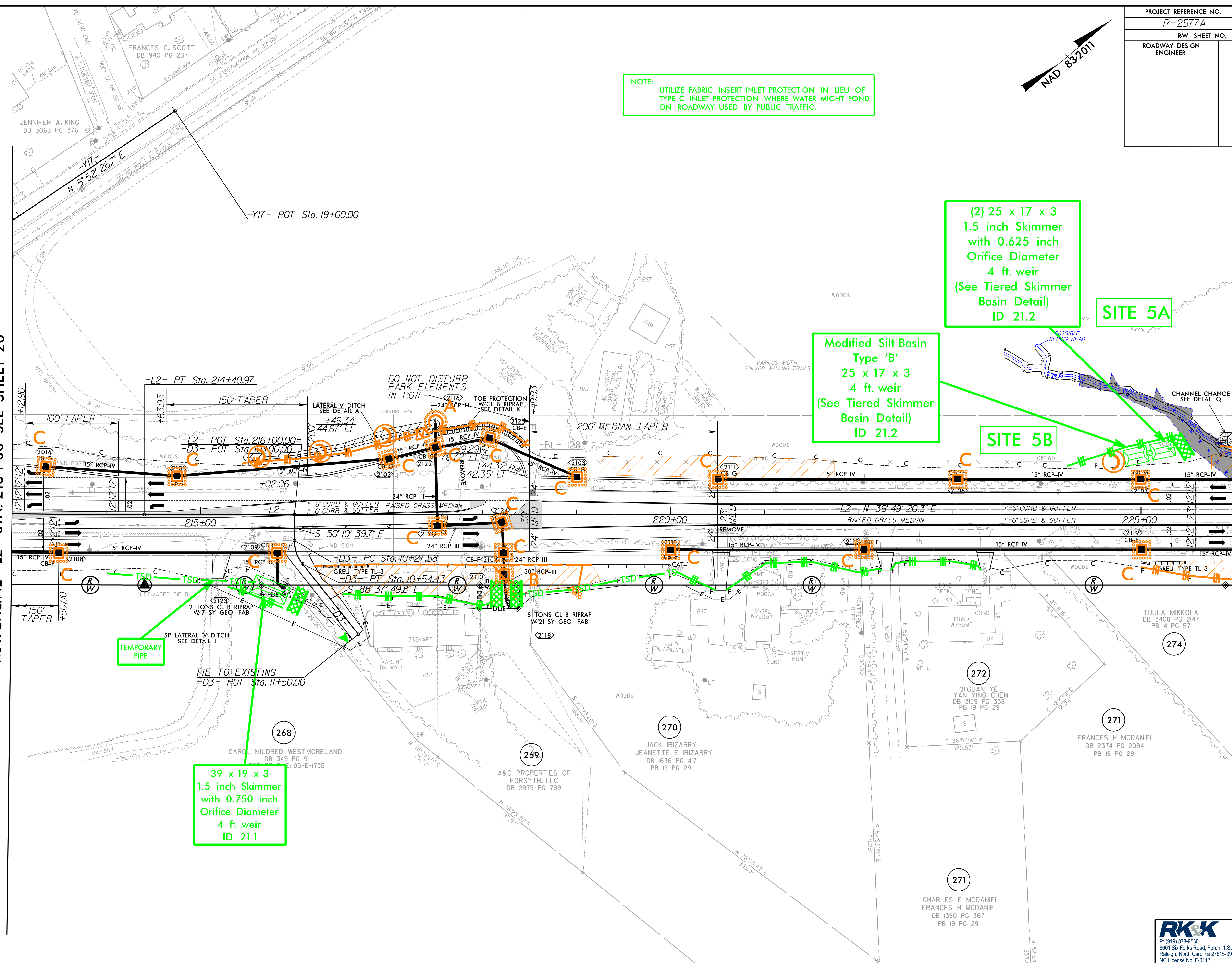
SITE 5B

39 x 19 x 3
1.5 inch Skimmer
with 0.750 inch
Orifice Diameter
4 ft. weir
ID 21.1

TEMPORARY
PIPE

MATCHLINE -L2- STA. 213 + 00 SEE SHEET 20

MATCHLINE -L2- STA. 226 + 00 SEE SHEET 22



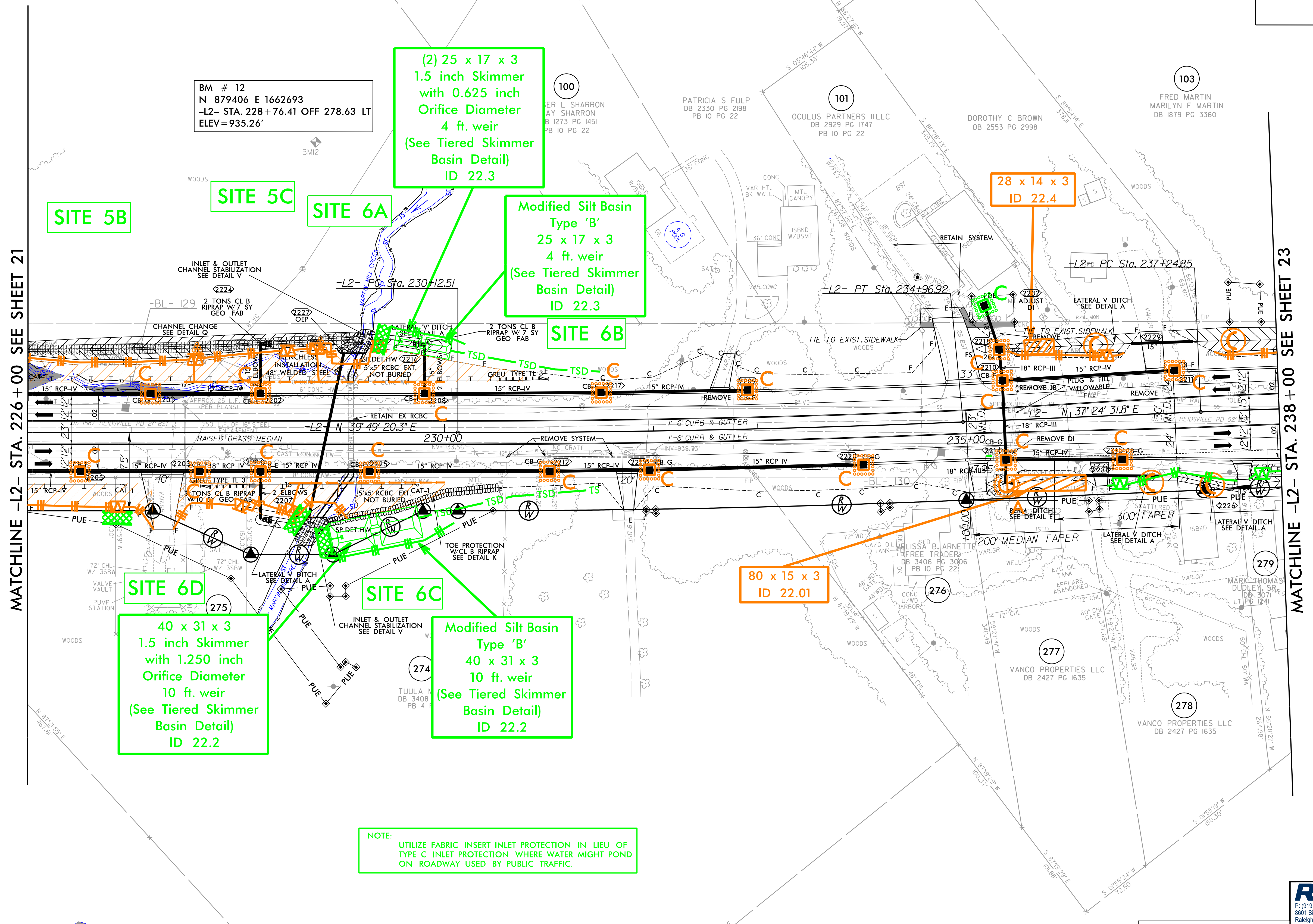
NOTE: PROPOSED LANDSCAPE
SCREENING - SEE LANDSCAPE
PLANS

NOTE: ALL DRIVEWAYS ARE 18'
UNLESS OTHERWISE NOTED

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PROJECT REFERENCE NO. R-2577A		SHEET NO. EC-49/CONST.22	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			



BM # 12
N 879406 E 1662693
-L2- STA. 228 + 76.41 OFF 278.63 LT
ELEV=935.26'

(2) 25 x 17 x 3
1.5 inch Skimmer
with 0.625 inch
Orifice Diameter
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 22.3

Modified Silt Basin
Type 'B'
25 x 17 x 3
4 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 22.3

28 x 14 x 3
ID 22.4

80 x 15 x 3
ID 22.01

40 x 31 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
10 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 22.2

Modified Silt Basin
Type 'B'
40 x 31 x 3
10 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 22.2

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF
TYPE C INLET PROTECTION WHERE WATER MIGHT POND
ON ROADWAY USED BY PUBLIC TRAFFIC.

MATCHLINE -L2- STA. 226 + 00 SEE SHEET 21

MATCHLINE -L2- STA. 238 + 00 SEE SHEET 23

NOTE: ALL DRIVEWAYS ARE 18'
UNLESS OTHERWISE NOTED

FOR CHANNEL IMPROVEMENTS
SEE SHEET 2D-2

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-50/CONST.23
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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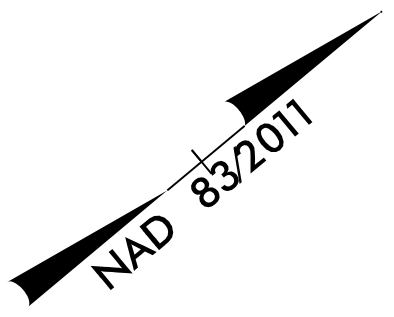
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NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

PARCELS WITH U-5824 TIP NUMBER (84) WAS ACQUIRED UNDER THAT PROJECT; NO CLAIM ON R-2577A. EASEMENTS THAT ARE SHOWN BUT NOT FLAGGED WERE PURCHASED UNDER U-5824.

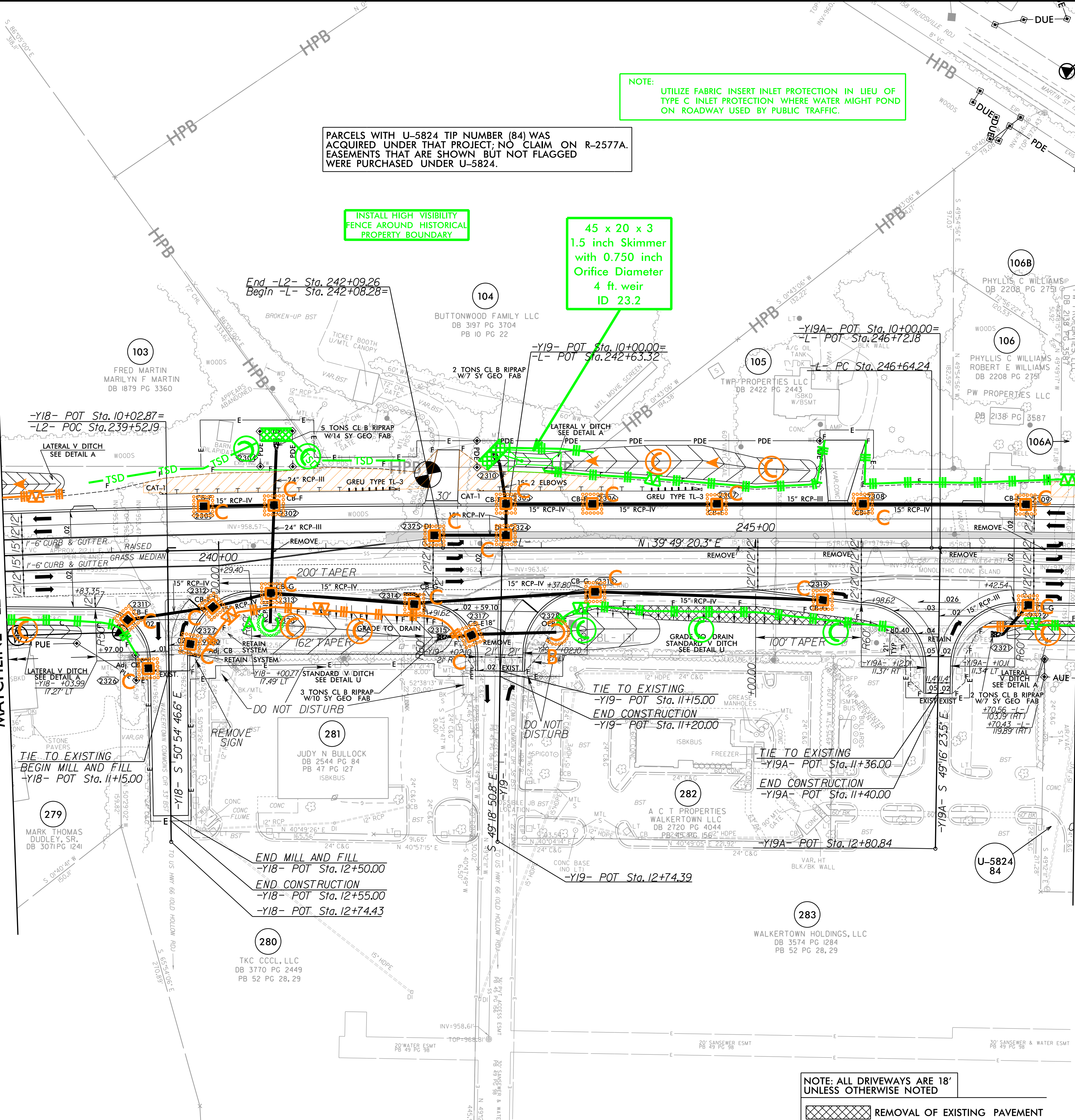
INSTALL HIGH VISIBILITY FENCE AROUND HISTORICAL PROPERTY BOUNDARY

45 x 20 x 3
1.5 inch Skimmer
with 0.750 inch
Orifice Diameter
4 ft. weir
ID 23.2



MATCHLINE -L2- STA. 238 + 00 SEE SHEET 22

MATCHLINE -L- STA. 248 + 00 SEE SHEET 24



-Y18- POT Sta. 10+02.87=
-L2- POC Sta. 239+52.19

End -L2- Sta. 242+09.26
Begin -L- Sta. 242+08.28

-Y19- POT Sta. 10+00.00=
-L- POT Sta. 242+63.32

-Y19A- POT Sta. 10+00.00=
-L- POT Sta. 246+72.18

-L- PC Sta. 246+64.24

TIE TO EXISTING
BEGIN MILL AND FILL
-Y18- POT Sta. 11+15.00

END MILL AND FILL
-Y18- POT Sta. 12+50.00
END CONSTRUCTION
-Y18- POT Sta. 12+55.00
-Y18- POT Sta. 12+74.43

TIE TO EXISTING
-Y19- POT Sta. 11+15.00
END CONSTRUCTION
-Y19- POT Sta. 11+20.00

TIE TO EXISTING
-Y19A- POT Sta. 11+36.00
END CONSTRUCTION
-Y19A- POT Sta. 11+40.00

-Y19A- POT Sta. 12+80.84

-Y19- POT Sta. 12+74.39

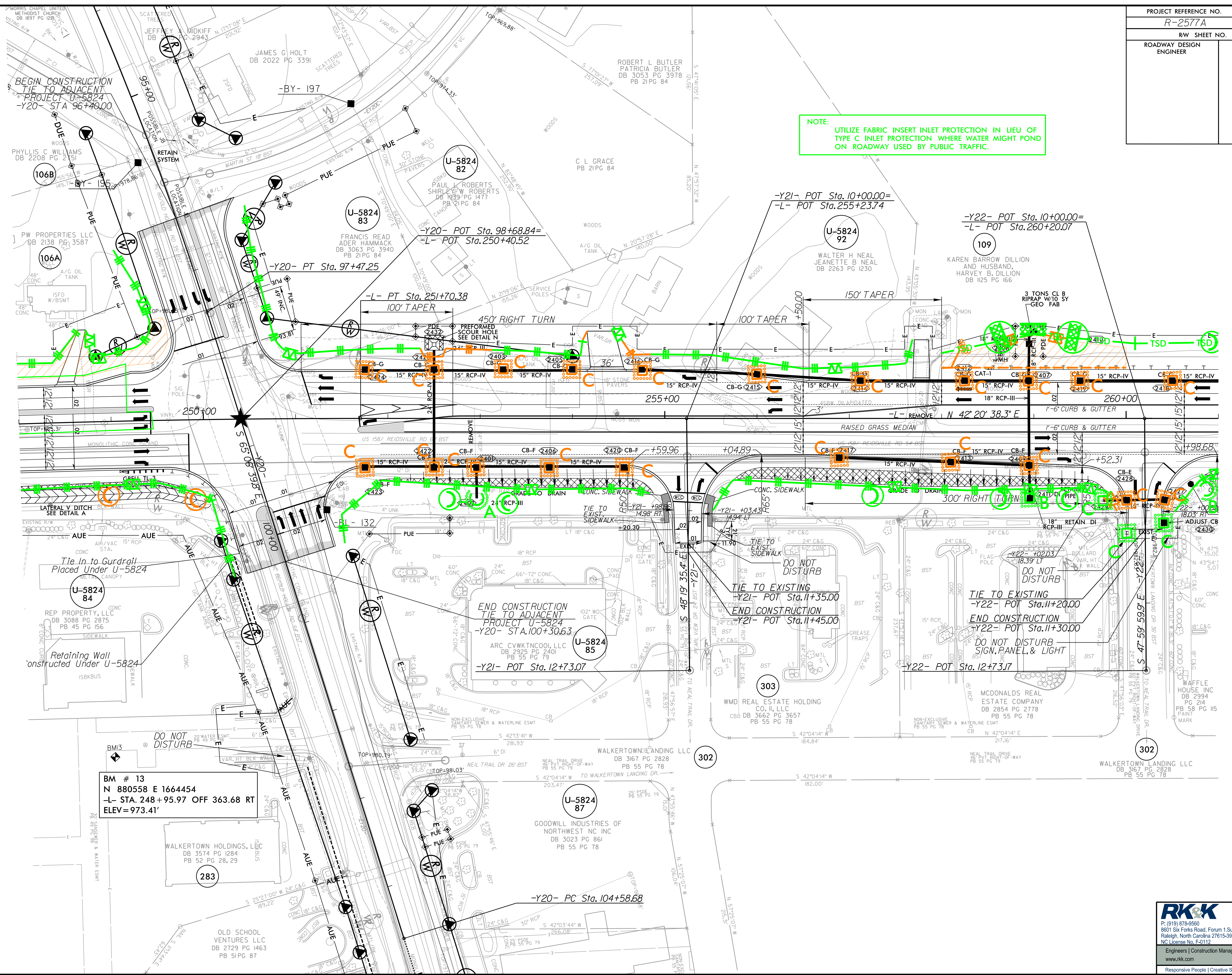
NOTE: ALL DRIVEWAYS ARE 18' UNLESS OTHERWISE NOTED

REMOVAL OF EXISTING PAVEMENT

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-51/CONST.24
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



BM # 13
N 880558 E 1664454
-L- STA. 248 + 95.97 OFF 363.68 RT
ELEV = 973.41'

END CONSTRUCTION
TIE TO ADJACENT
PROJECT U-5824
-Y20- STA. 100 + 30.63

-Y21- POT Sta. 12 + 73.07

END CONSTRUCTION
TIE TO EXISTING
-Y21- POT Sta. 11 + 35.00

END CONSTRUCTION
TIE TO EXISTING
-Y21- POT Sta. 11 + 45.00

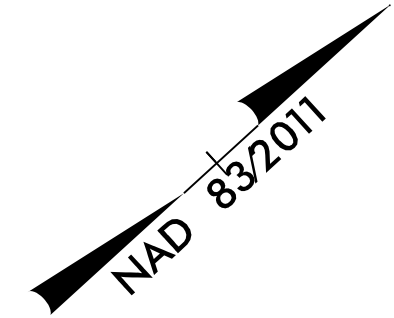
TIE TO EXISTING
-Y22- POT Sta. 11 + 20.00

END CONSTRUCTION
-Y22- POT Sta. 11 + 30.00

DO NOT DISTURB
SIGN, PANEL, & LIGHT

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PROJECT REFERENCE NO. R-2577A		SHEET NO. EC-52/CONST.25	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			



NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

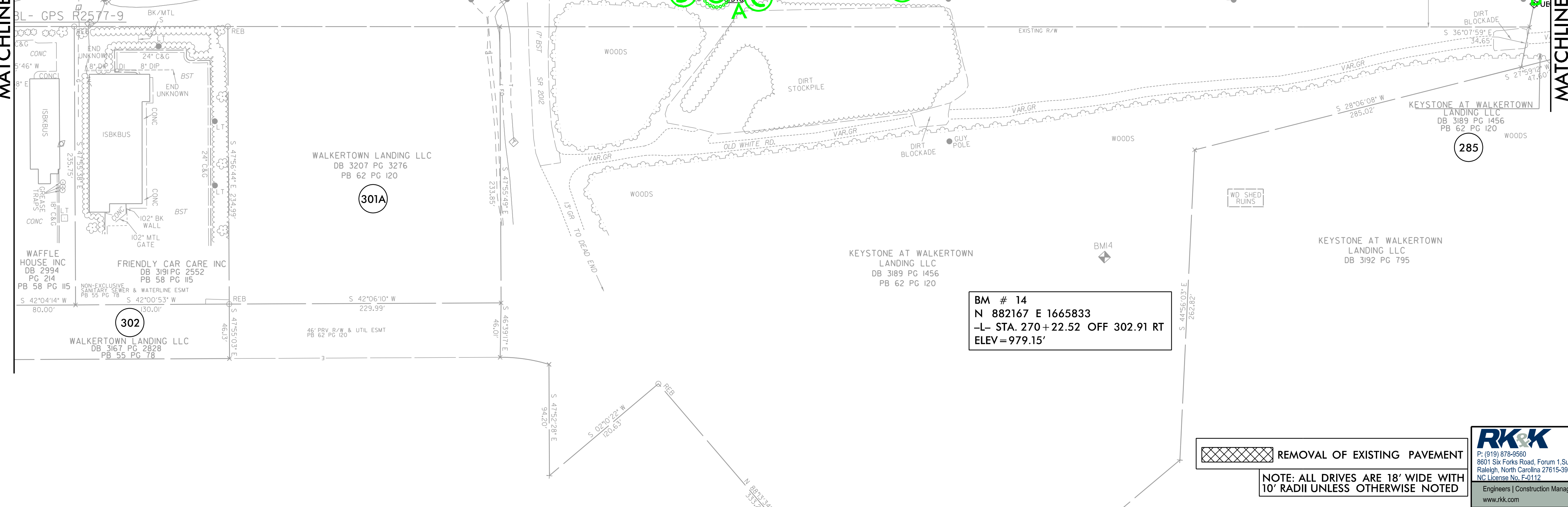
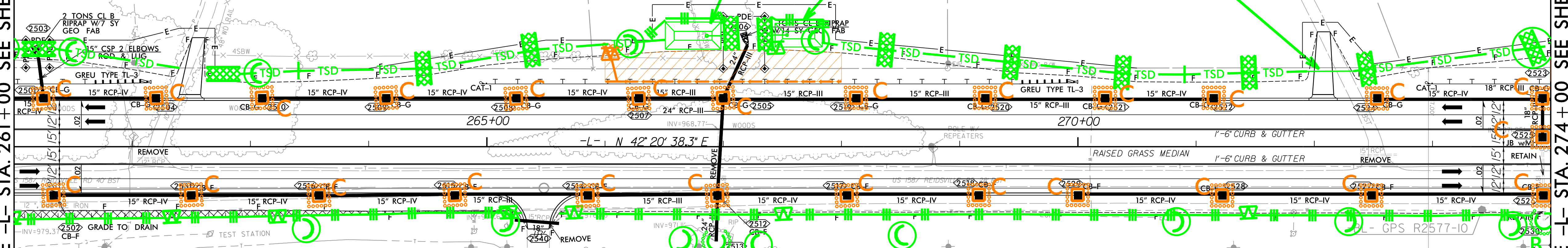
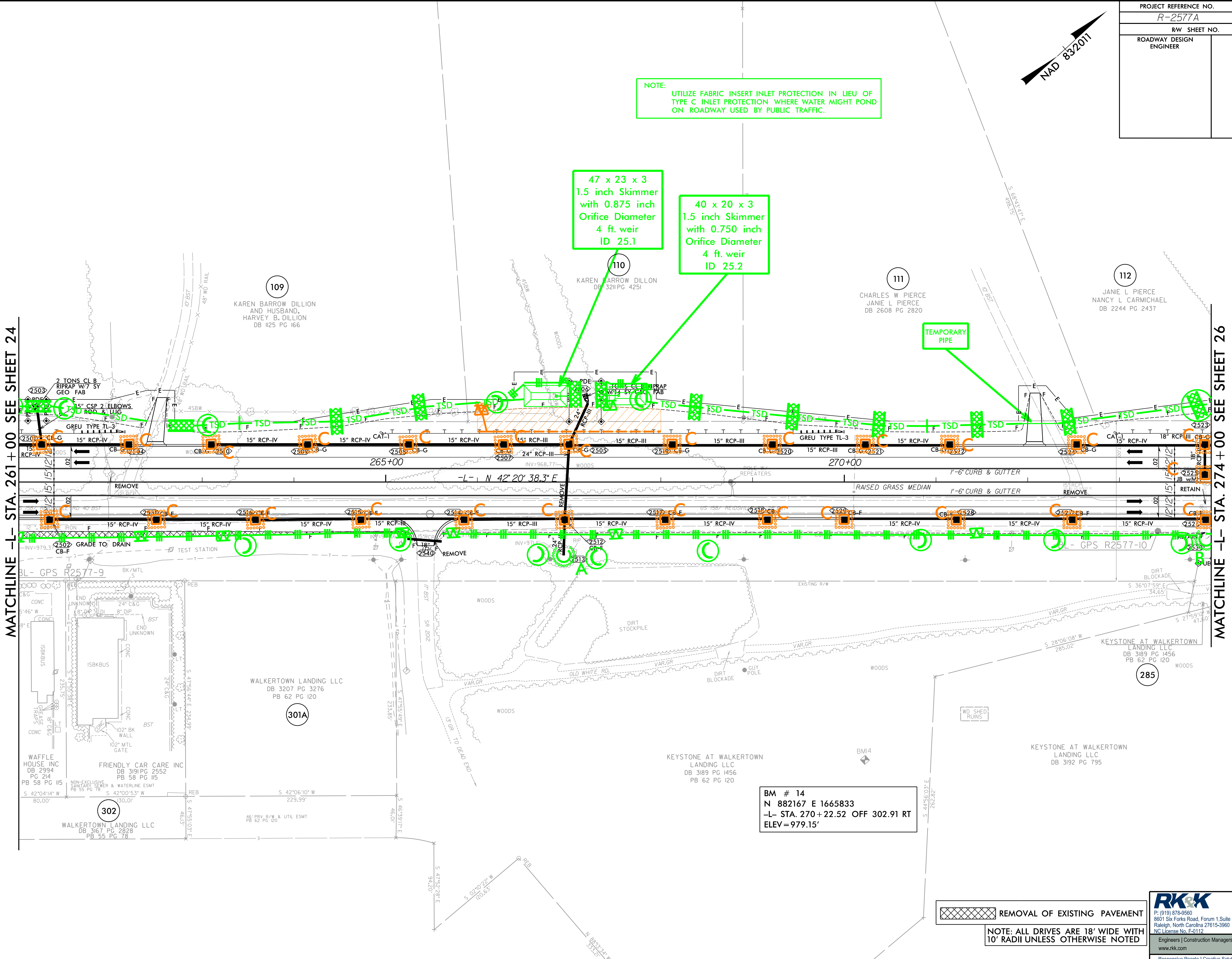
47 x 23 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 25.1

40 x 20 x 3
1.5 inch Skimmer
with 0.750 inch
Orifice Diameter
4 ft. weir
ID 25.2

TEMPORARY
PIPE

MATCHLINE -L- STA. 261+00 SEE SHEET 24

MATCHLINE -L- STA. 274+00 SEE SHEET 26



BM # 14
N 882167 E 1665833
-L- STA. 270+22.52 OFF 302.91 RT
ELEV = 979.15'

REMOVAL OF EXISTING PAVEMENT

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

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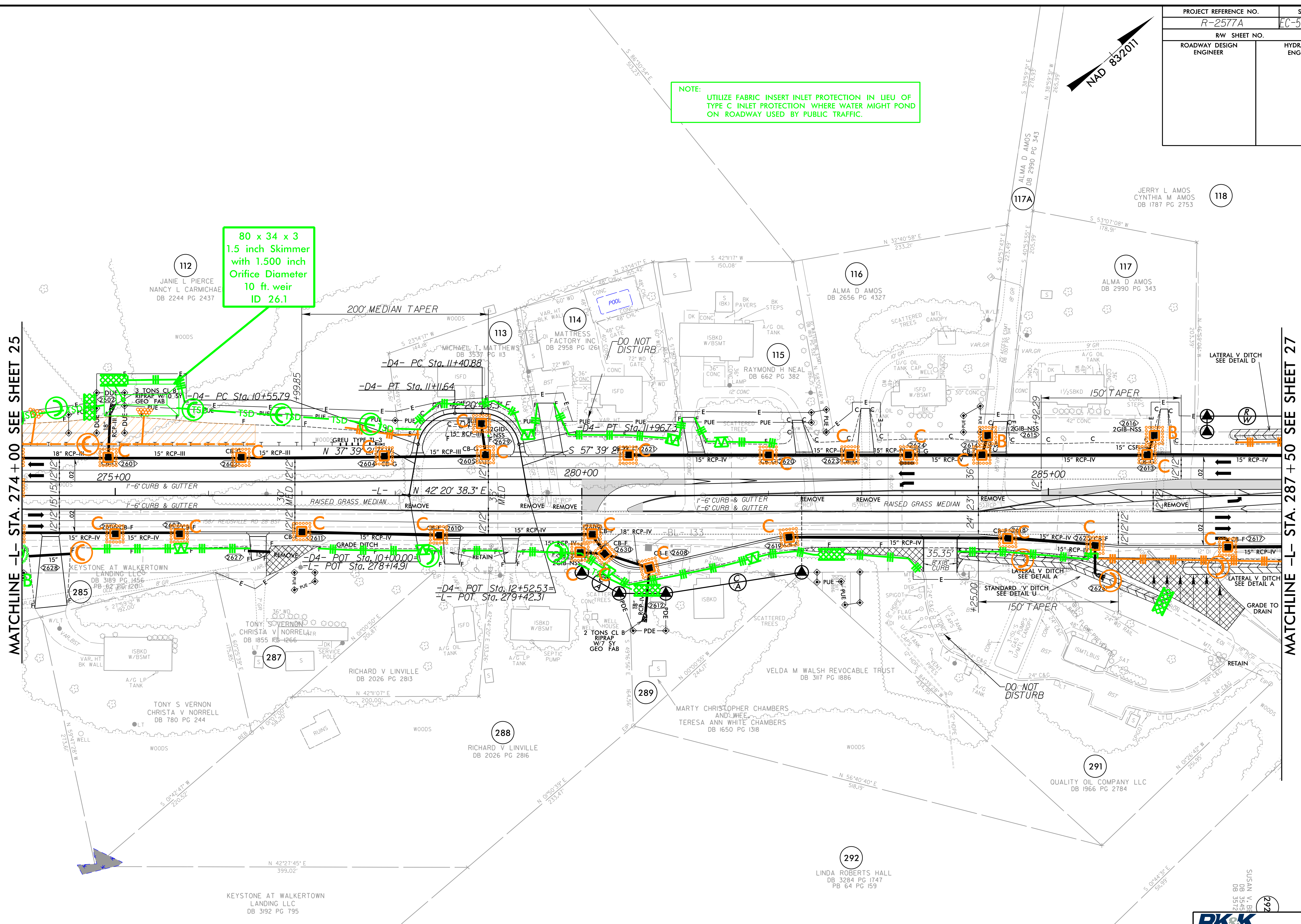
PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-53/CONST.26
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.

80 x 34 x 3
1.5 inch Skimmer
with 1.500 inch
Orifice Diameter
10 ft. weir
ID 26.1

MATCHLINE -L- STA. 274 + 00 SEE SHEET 25

MATCHLINE -L- STA. 287 + 50 SEE SHEET 27



NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

REMOVAL OF EXISTING PAVEMENT

BM # 15
N 883107 E 1666974
-L- STA. 284 + 85.96 OFF 512.40 RT
ELEV = 932.74'

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PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-54/CONST.27
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

Modified Silt Basin
Type 'B'
110 x 32 x 3
27 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 27.1

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF
TYPE C INLET PROTECTION WHERE WATER MIGHT POND
ON ROADWAY USED BY PUBLIC TRAFFIC.

(2) 110 x 32 x 3
2.0 inch Skimmer
with 2.000 inch
Orifice Diameter
27 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 27.1

40 x 20 x 3
1.5 inch Skimmer
with 0.750 inch
Orifice Diameter
4 ft. weir
ID 27.3

SITE 7A

SITE 7B

40 x 17 x 3
ID 27.6

28 x 14 x 3
ID 27.5

★ PROPOSED TRAFFIC SIGNAL

REMOVAL OF EXISTING PAVEMENT

NOTE: ALL DRIVEWAYS ARE 18'
UNLESS OTHERWISE NOTED

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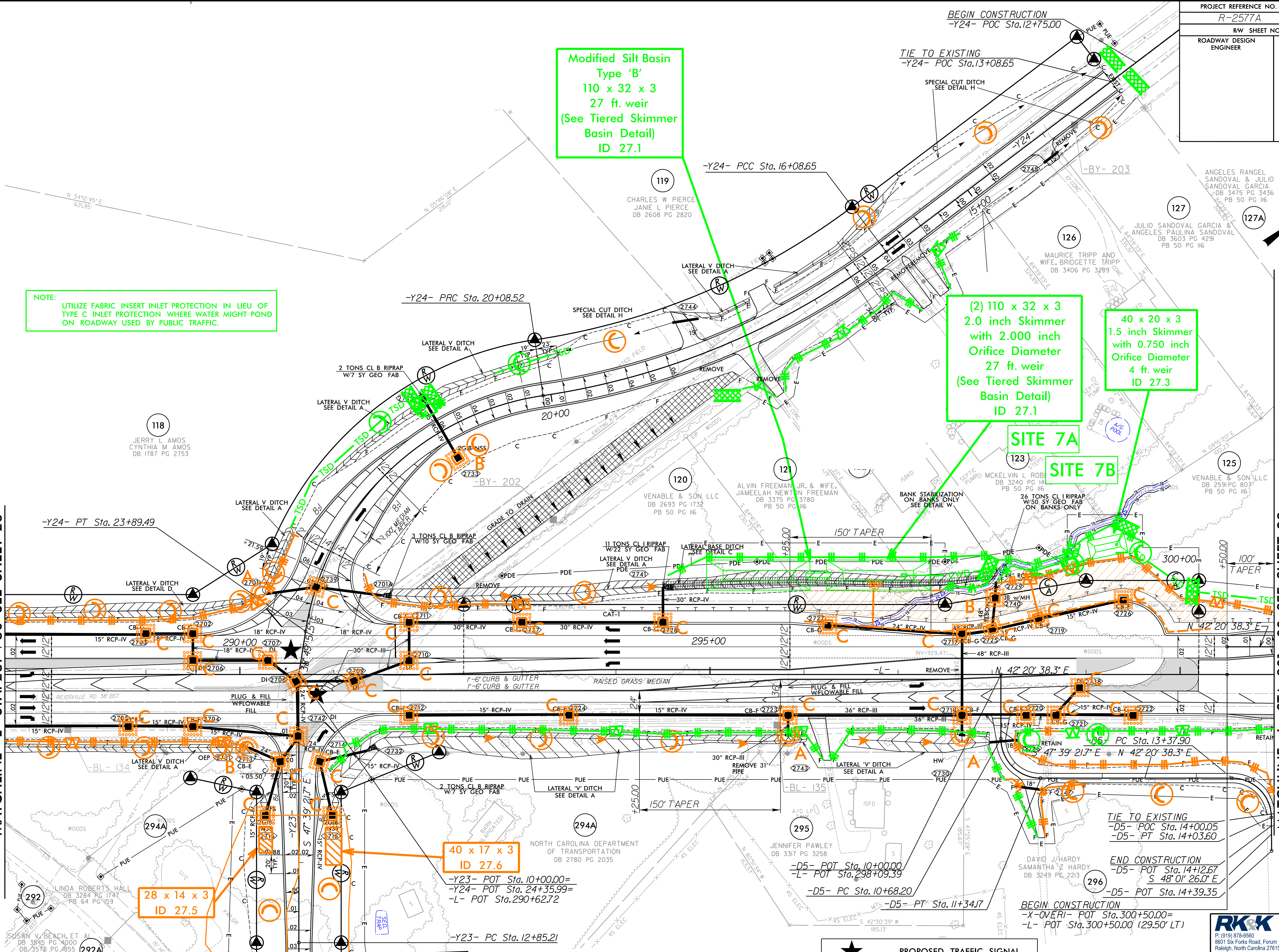
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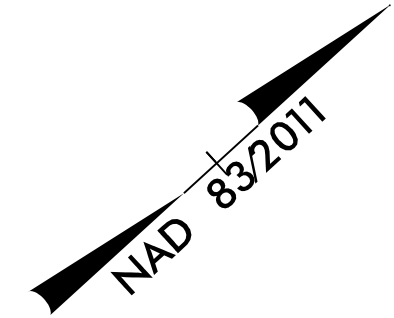
MATCHLINE -L- STA. 287 + 50 SEE SHEET 26

MATCHLINE -L- STA. 301 + 00 SEE SHEET 28

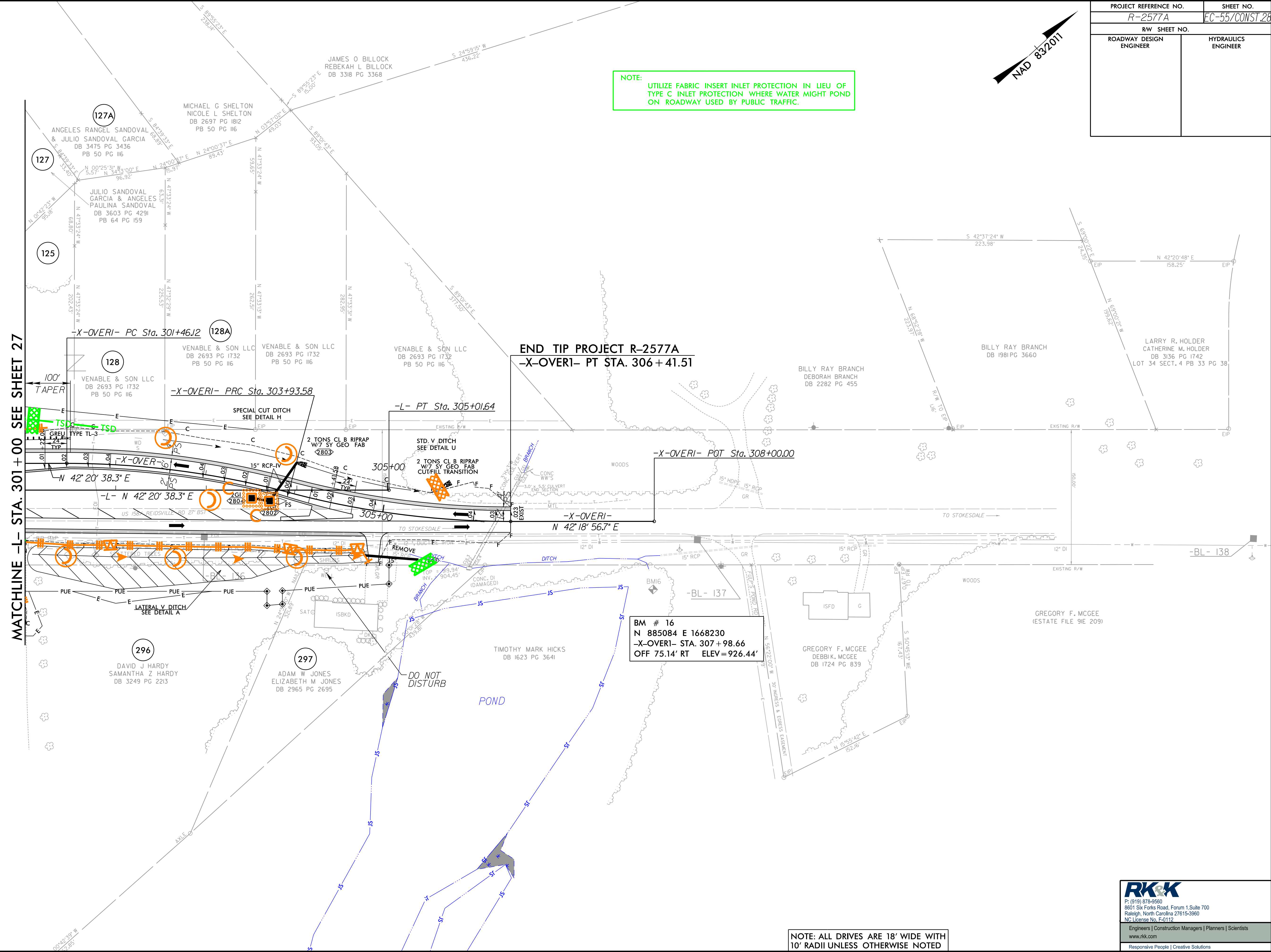
MATCHLINE -Y23- STA. 13 + 00 SEE SHEET 30



PROJECT REFERENCE NO. R-2577A	SHEET NO. EC-55/CONST.28
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



MATCHLINE -L- STA. 301 + 00 SEE SHEET 27

END TIP PROJECT R-2577A
-X-OVER- PT STA. 306 + 41.51

BM # 16
N 885084 E 1668230
-X-OVER- STA. 307 + 98.66
OFF 75.14' RT ELEV = 926.44'

NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

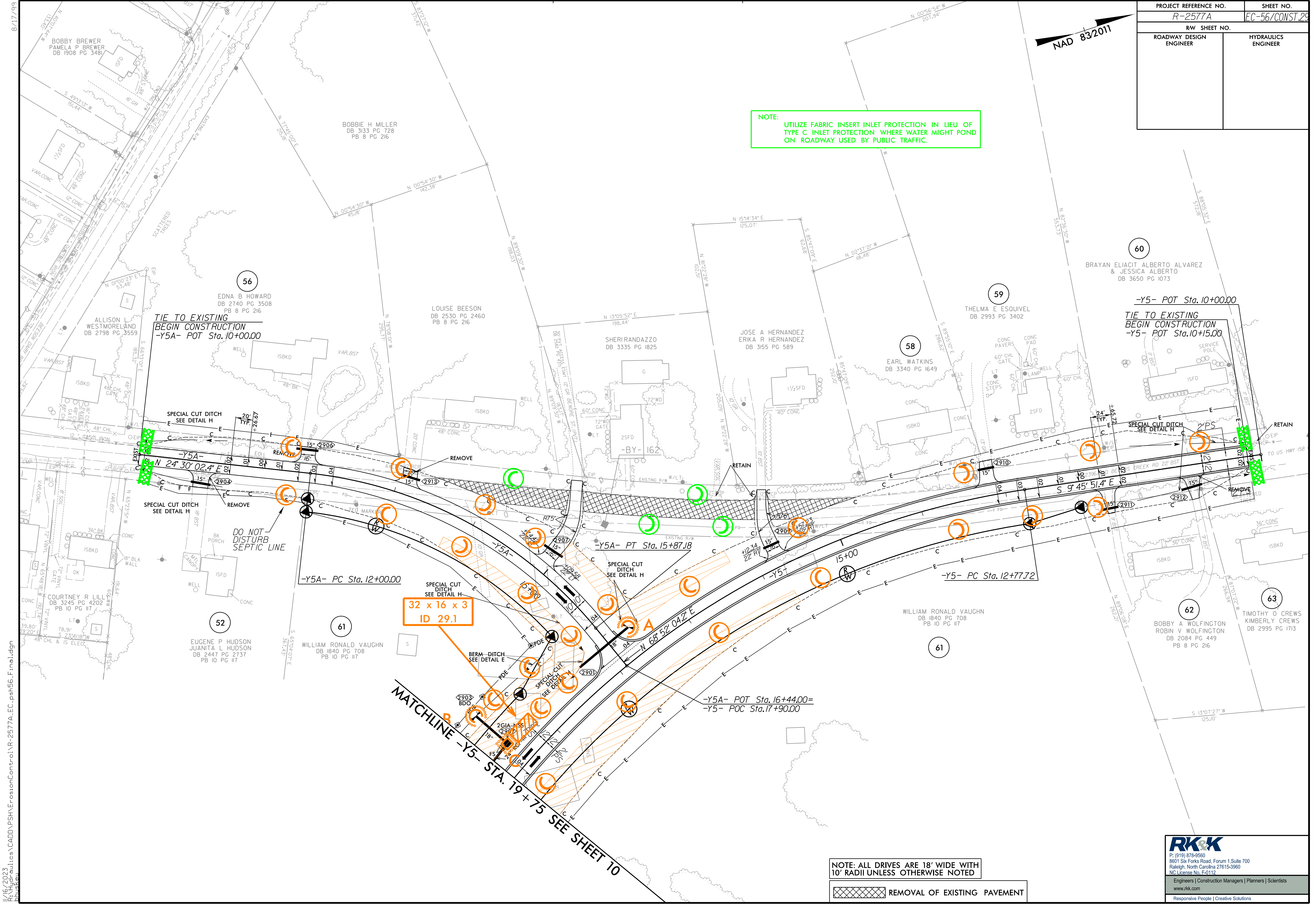
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PROJECT REFERENCE NO. R-2577A		SHEET NO. FC-56/CONST.29	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

NAD 832011

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



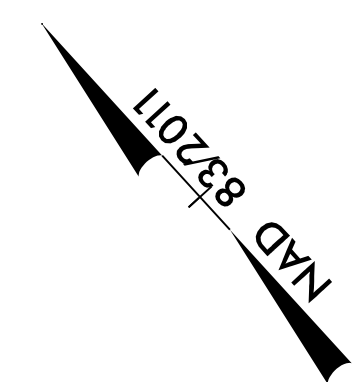
NOTE: ALL DRIVES ARE 18' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

REMOVAL OF EXISTING PAVEMENT

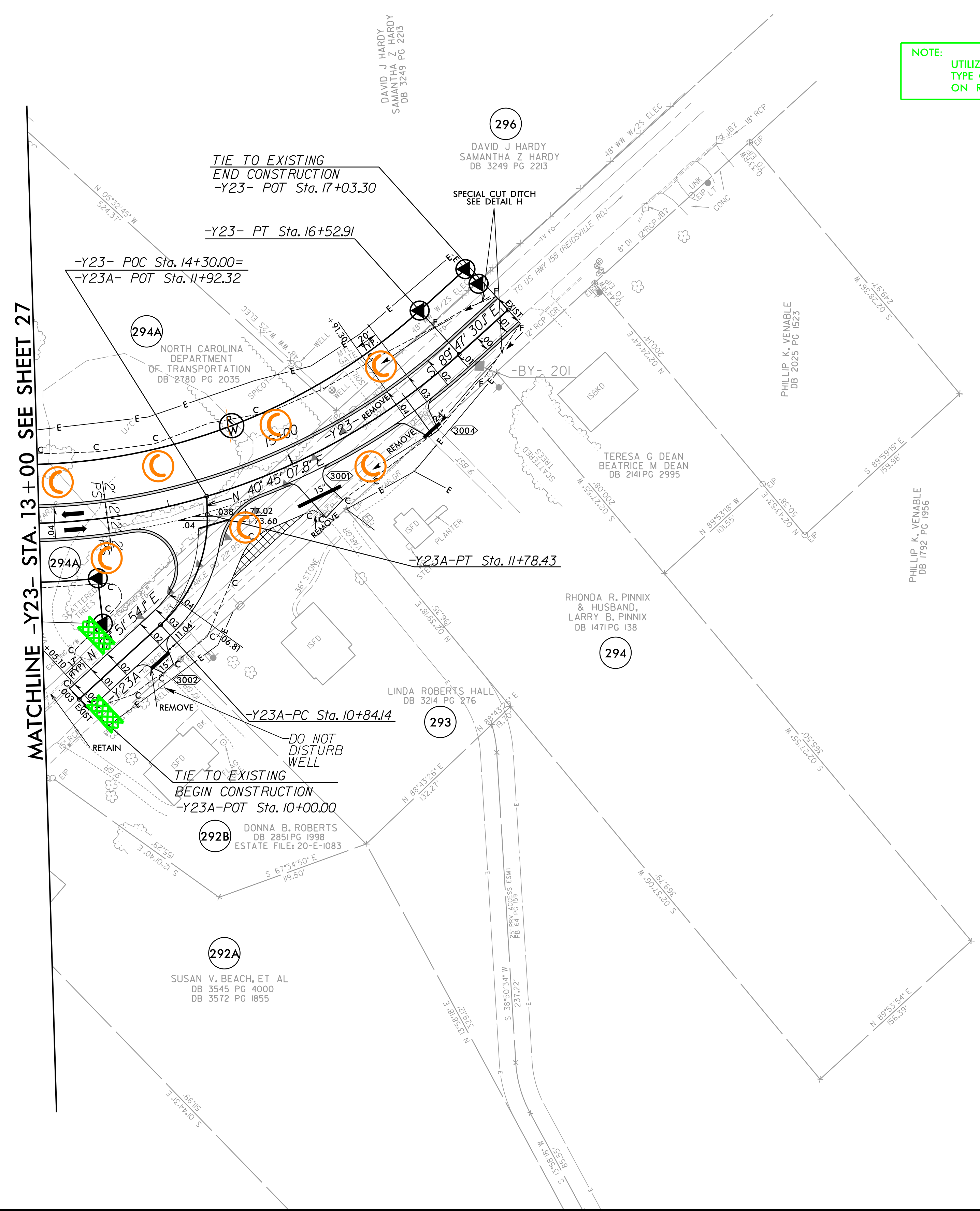
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PROJECT REFERENCE NO. R-2577A	SHEET NO. FC-57/CONST.30
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



NOTE: UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF TYPE C INLET PROTECTION WHERE WATER MIGHT POND ON ROADWAY USED BY PUBLIC TRAFFIC.



REMOVAL OF EXISTING PAVEMENT

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