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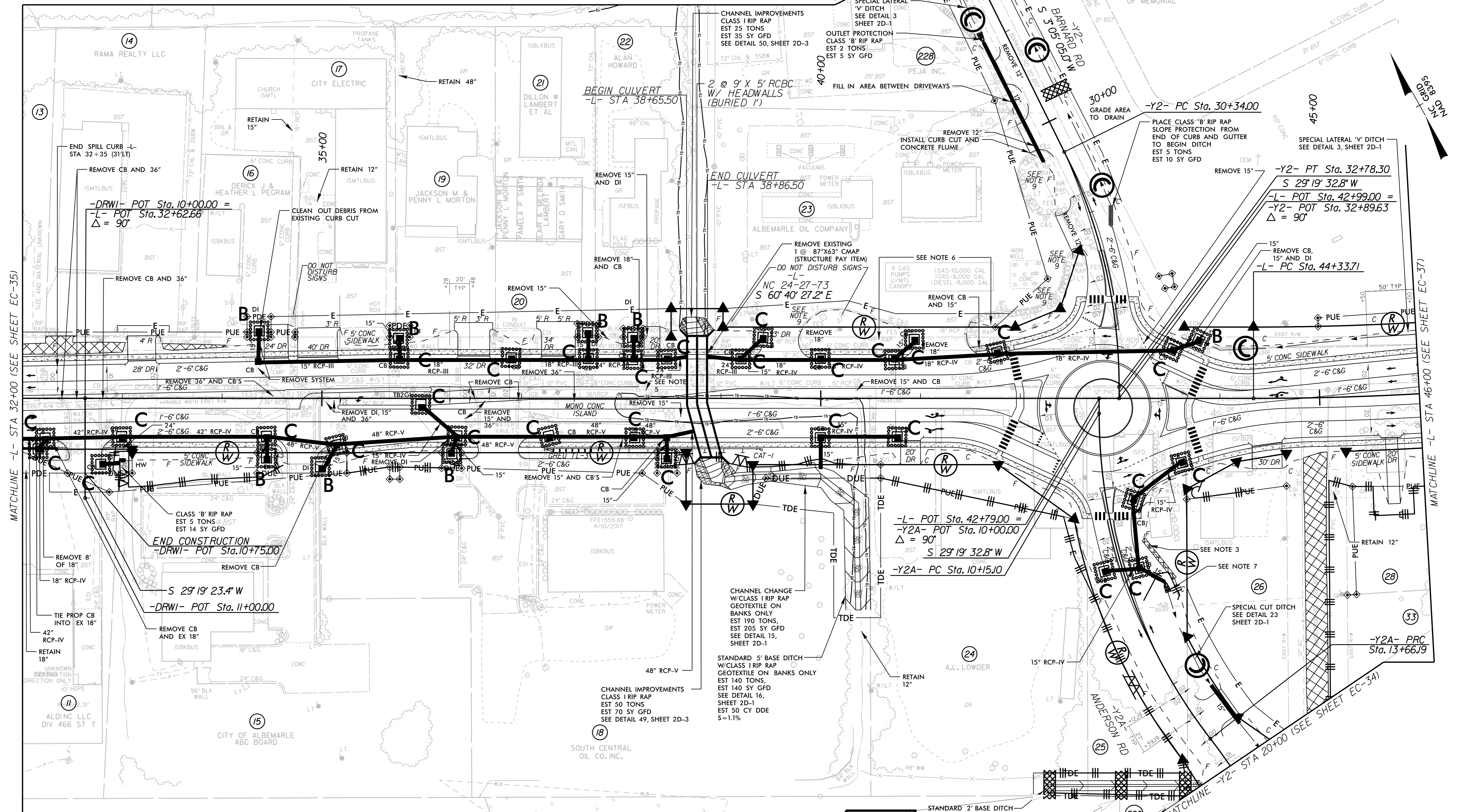
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5/14/1999

- 13 LINDA AN L CRESS  
DB 382 PG 676
- 14 RAMA REALTY LLC
- 15 ALDINC LLC  
DIV 466 ST 7
- 16 DERICK J & HEATHER L PEGRAM
- 17 CITY ELECTRIC
- 18 SOUTH CENTRAL OIL CO. INC.
- 19 JACKSON M & PENNY L MORTON
- 20 STANLY SQUARE INC.  
DB 383 PG 886  
PB 13 PG 60
- 21 DILLON W LAMBERT ET AL
- 22 ALAN HOWARD
- 23 ISBLKBUS
- 24 A.L. LOWDER
- 25 DELLA L HUDSON  
DB 248 PG 428
- 26 ALI CARPENTER
- 27 CITADEL STANLY GARDENS OF MEMORIAL
- 28 CHARLES E. & NANCY T. BURRIS  
DB 872 PG 643  
PB 02 PG 106
- 29 V F W POST 2908  
DB 150 PG 66
- 30 KEITH & NANCY CARPENTER  
DB 1457 PG 249

**Kimley Horn**  
421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, NC 27601

PROJECT REFERENCE NO. R-2530B  
SHEET NO. EC-36/CONST.5



-L-	-Y2-	-Y2A-	-Y2A-
PI Sta 48+87.11	PI Sta 31+58.23	PI Sta 11+97.28	PI Sta 15+45.70
$\Delta = 17' 11'' 17.8''$ (LT)	$\Delta = 26' 14'' 27.8''$ (RT)	$\Delta = 37' 44'' 26.5''$ (LT)	$\Delta = 37' 13'' 32.7''$ (RT)
D = 1' 54' 35.5"	D = 10' 44' 58.8"	D = 10' 44' 58.8"	D = 10' 44' 58.8"
L = 899.98'	L = 244.11'	L = 351.09'	L = 346.30'
T = 453.39'	T = 124.23'	T = 182.18'	T = 179.51'
R = 3,000.00'	R = 533.00'	R = 533.00'	R = 533.00'
SE = 0.03	SE = 0.04	SE = NC	SE = 0.04
RO = 150'	RO = 84'		RO = 84'

- Temporary Rock Silt Check Type A  
1 ft. weir height
- Temporary Rock Silt Check Type A  
1 ft. weir height
- Temporary Rock Silt Check Type A  
1 ft. weir height

SEE SHEET 2B-1 FOR INTERSECTION DETAILS  
SEE SHEET 34 FOR -L- PROFILE  
SEE SHEET 51 FOR -Y2- PROFILE  
SEE SHEET 56 FOR -DRWI- PROFILE

11/1/2018

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**Kimley Horn**  
 421 FAYETTEVILLE STREET, SUITE 600  
 RALEIGH, NC 27601

FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 6

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES

-L-  
 PI Sta 48+87.11  
 $\Delta = 17' 11" 17.8" (LT)$   
 $D = 154' 35.5"$   
 $L = 899.98'$   
 $T = 453.39'$   
 $R = 3,000.00'$   
 $SE = 0.03$   
 $RO = 150'$

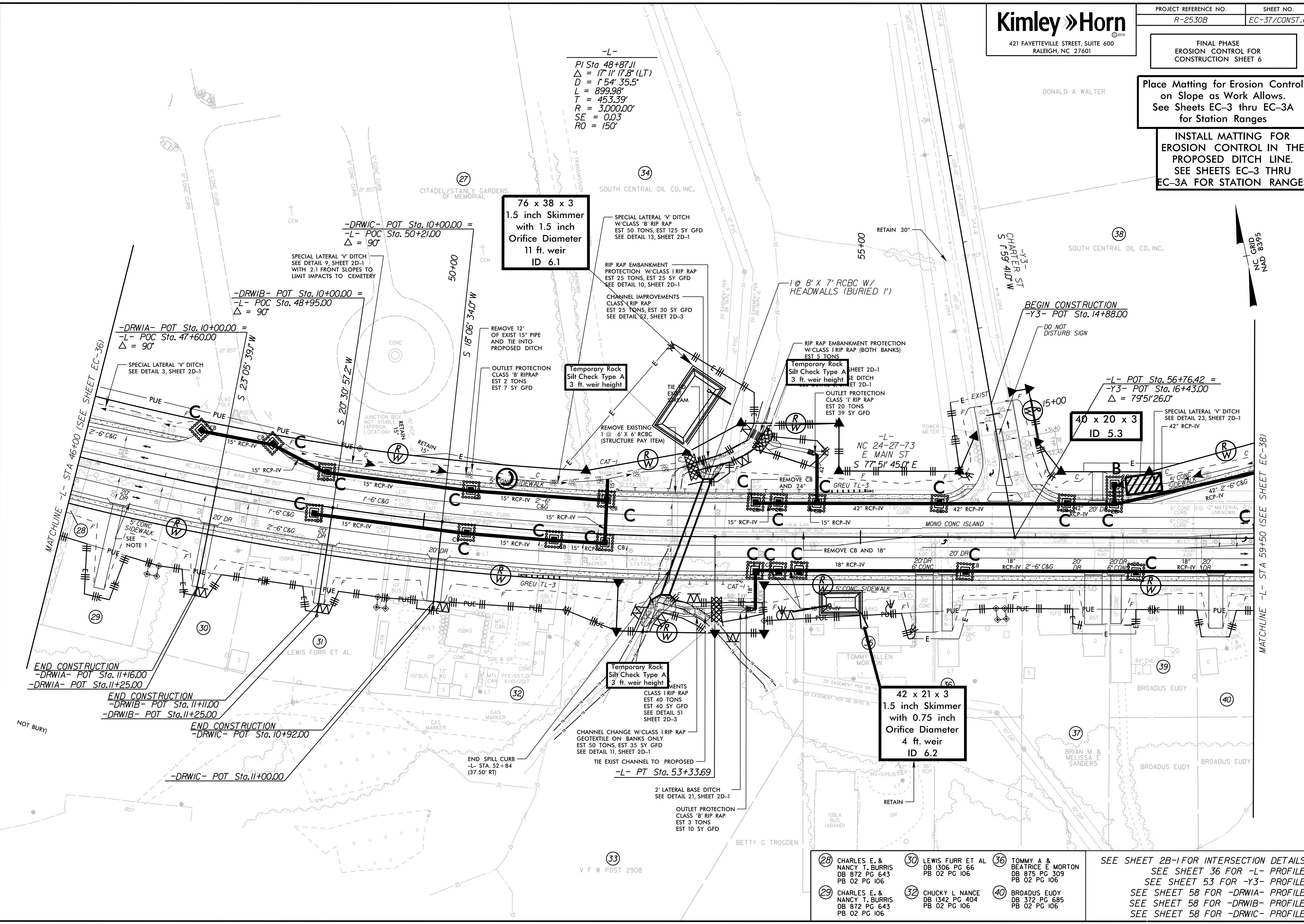
76 x 38 x 3  
 1.5 inch Skimmer  
 with 1.5 inch  
 Orifice Diameter  
 11 ft. weir  
 ID 6.1

Temporary Rock  
 Silt Check Type A  
 3 ft. weir height

Temporary Rock  
 Silt Check Type A  
 3 ft. weir height

40 x 20 x 3  
 ID 5.3

42 x 21 x 3  
 1.5 inch Skimmer  
 with 0.75 inch  
 Orifice Diameter  
 4 ft. weir  
 ID 6.2



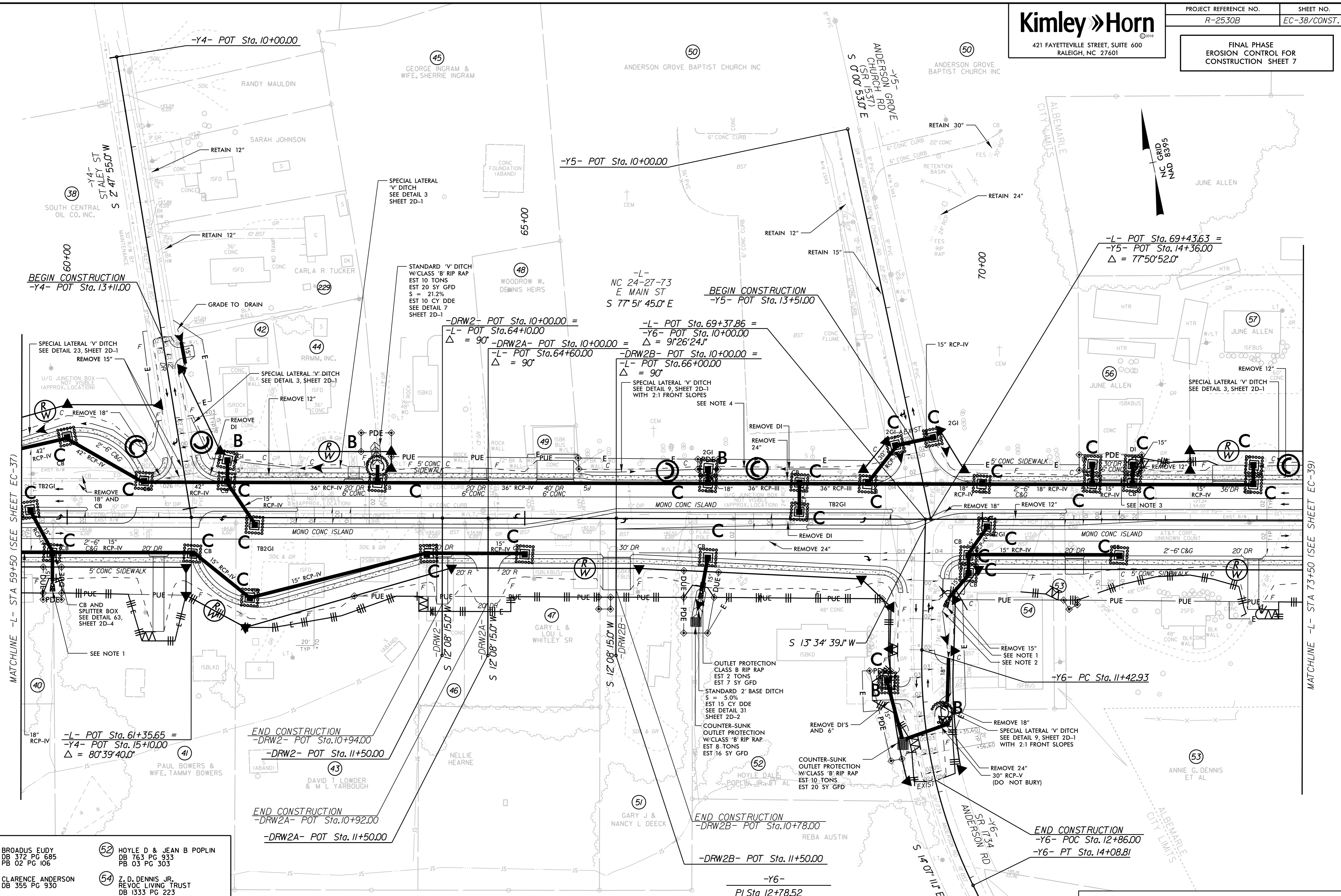
11/1/2018

- |  |  |  |
|--|--|--|
| 28 CHARLES E. & NANCY T. BURRIS<br>DB 872 PG 643<br>PB 02 PG 106 | 30 LEWIS FURR ET AL<br>DB 1306 PG 66<br>PB 02 PG 106 | 36 TOMMY A & BEATRICE E. MORTON<br>DB 875 PG 309<br>PB 02 PG 106 |
| 29 CHARLES E. & NANCY T. BURRIS<br>DB 872 PG 643<br>PB 02 PG 106 | 32 CHUCKY L. NANCE<br>DB 1342 PG 404<br>PB 02 PG 106 | 40 BROADUS EUDY<br>DB 372 PG 685<br>PB 02 PG 106                 |

SEE SHEET 2B-1 FOR INTERSECTION DETAILS  
 SEE SHEET 36 FOR -L- PROFILE  
 SEE SHEET 53 FOR -Y3- PROFILE  
 SEE SHEET 58 FOR -DRWIA- PROFILE  
 SEE SHEET 58 FOR -DRWIB- PROFILE  
 SEE SHEET 58 FOR -DRWIC- PROFILE

5/14/99

11/1/2018



- 40 BROADUS EUDY  
DB 372 PG 685  
PB 02 PG 106
- 42 CLARENCE ANDERSON  
DB 355 PG 930
- 46 WALTER T & SHARON TARTLON III  
DB 1323 PG 738  
PB 02 PG 106
- 49 ROBERT C & ELIZABETH F SAVILLE  
DB 690 PG 453
- 52 HOYLE D & JEAN B POPLIN  
DB 763 PG 933  
PB 03 PG 303
- 54 Z. D. DENNIS JR.  
REVOC LIVING TRUST  
DB 1333 PG 223
- 55 ZACHARY D. DENNIS JR.  
& JUNE H. DENNIS  
REVOC LIVING TRUST  
DB 1333 PG 223

NOTES:  
1. OUTLET PROTECTION - CLASS 'B' RIP RAP  
EST 2 TONS; EST 7 SY GFD  
2. SPECIAL LATERAL 'V' DITCH  
SEE DETAIL 9, SHEET 2D-1

-Y6-  
PI Sta 12+78.52  
 $\Delta = 27' 41'' 50.2''$  (LT)  
D = 10' 25' 02.7"  
L = 265.87'  
T = 135.59'  
R = 550.00'  
SE = 0.04  
RO = 84'

SEE SHEET 2B-1 & 2B-2 FOR INTERSECTION DETAILS  
SEE SHEET 36 FOR -L- PROFILE  
SEE SHEET 53 FOR -Y4- PROFILE  
SEE SHEET 53 FOR -Y5- PROFILE  
SEE SHEET 53 FOR -Y6- PROFILE  
SEE SHEET 58 FOR -DRW2- PROFILE

MATCHLINE -L- STA 59+50 (SEE SHEET EC-37)

MATCHLINE -L- STA 73+50 (SEE SHEET EC-39)

5/14/99

INSTALL PSRM IN THE PROPOSED DITCH LINE. SEE SHEET EC-3A FOR STATION RANGES

**Kimley Horn**  
421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, NC 27601

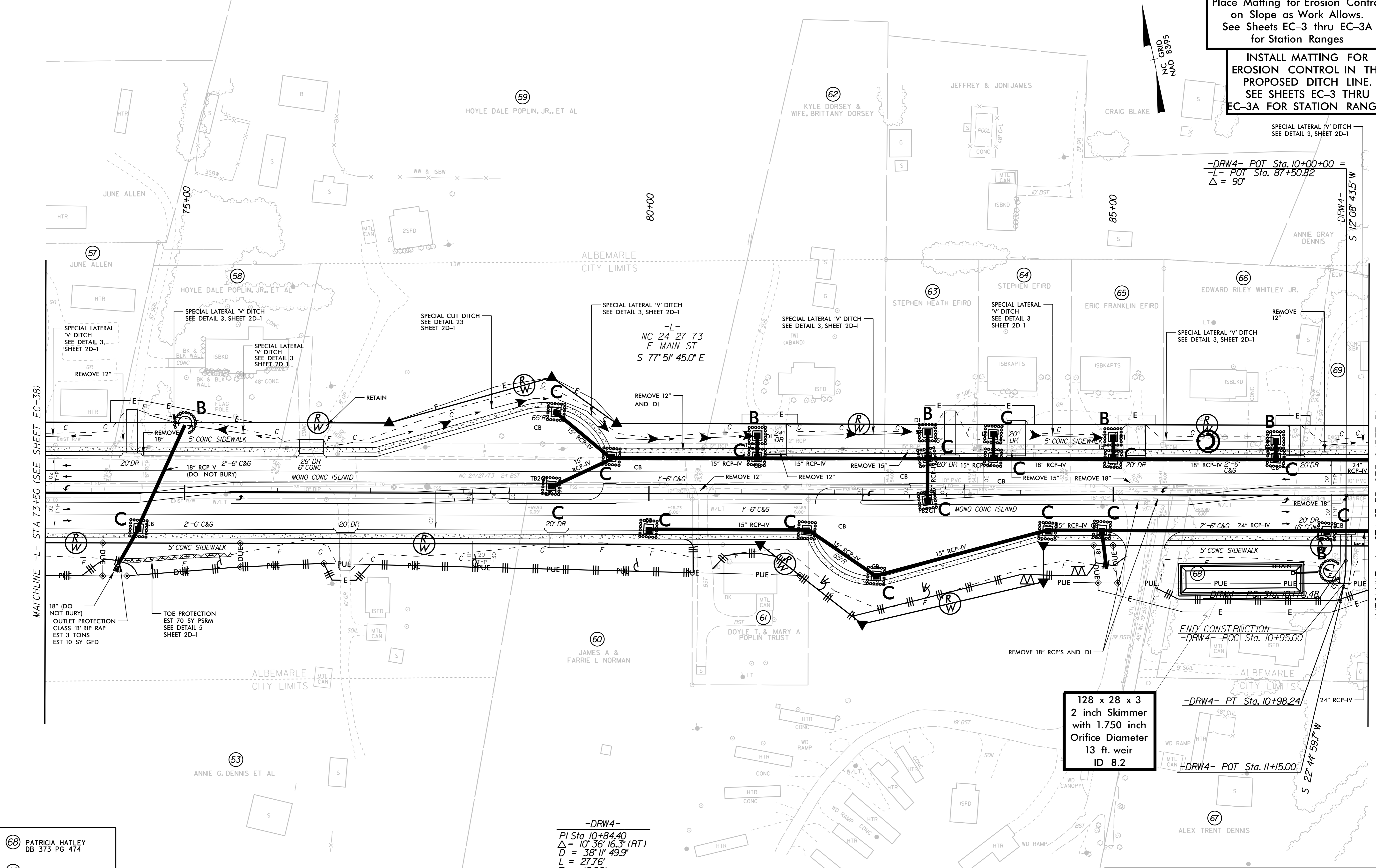
PROJECT REFERENCE NO.	SHEET NO.
R-2530B	EC-39/CONST.8

FINAL PHASE EROSION CONTROL FOR CONSTRUCTION SHEET 8

Place Matting for Erosion Control on Slope as Work Allows. See Sheets EC-3 thru EC-3A for Station Ranges

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE. SEE SHEETS EC-3 THRU EC-3A FOR STATION RANGES

$$\begin{aligned} -DRW4- POT Sta. 10+00+00 &= \\ -L- POT Sta. 87+50.82 &= \\ \Delta &= 90^\circ \end{aligned}$$



MATCHLINE -L- STA 73+50 (SEE SHEET EC-38)

MATCHLINE -L- STA 87+75 (SEE SHEET EC-40)

-L-  
NC 24-27-73  
E MAIN ST  
S 77° 51' 45.0" E

128 x 28 x 3  
2 inch Skimmer  
with 1.750 inch  
Orifice Diameter  
13 ft. weir  
ID 8.2

$$\begin{aligned} -DRW4- \\ PI Sta. 10+84.40 \\ \Delta = 10^\circ 36' 16.3" (RT) \\ D = 38' 11" 49.9" \\ L = 27.76' \\ T = 13.92' \\ R = 150.00' \end{aligned}$$

END CONSTRUCTION  
-DRW4- POC Sta. 10+95.00

-DRW4- PT Sta. 10+98.24

-DRW4- POT Sta. 11+15.00

- (68) PATRICIA HATLEY  
DB 373 PG 474
- (69) ANNIE GRAY DENNIS  
DB 167 PG 406

SEE SHEET 36 FOR -L- PROFILE  
SEE SHEET 56 FOR -DRW3- & -DRW4- PROFILES

11/1/2018

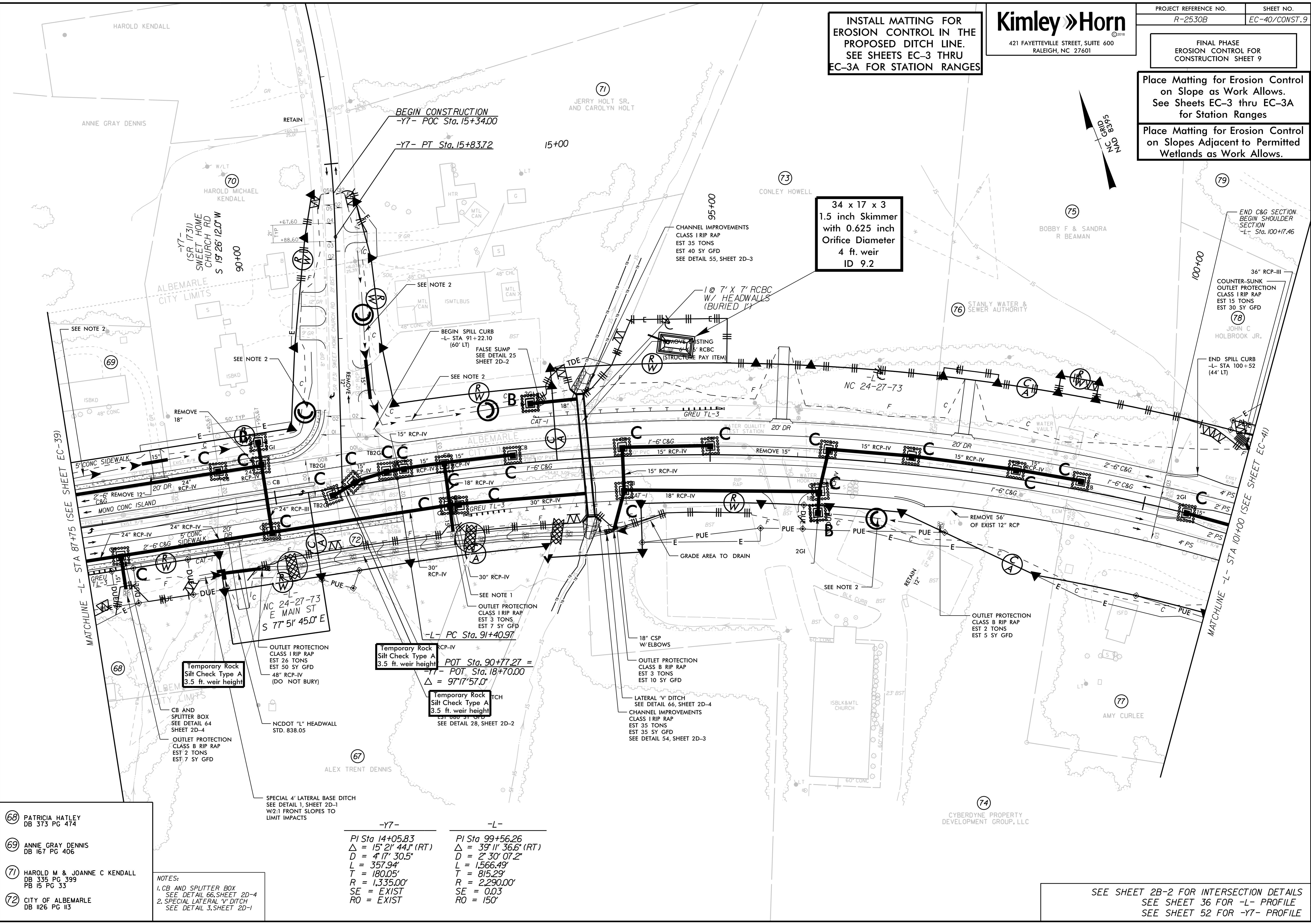
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FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 9

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

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



34 x 17 x 3  
 1.5 inch Skimmer  
 with 0.625 inch  
 Orifice Diameter  
 4 ft. weir  
 ID 9.2

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

- (68) PATRICIA HATLEY  
DB 373 PG 474
- (69) ANNIE GRAY DENNIS  
DB 167 PG 406
- (71) HAROLD M & JOANNE C KENDALL  
DB 335 PG 399  
PB 15 PG 33
- (72) CITY OF ALBEMARLE  
DB 1126 PG 113

NOTES:  
 1. CB AND SPLITTER BOX  
 SEE DETAIL 66, SHEET 2D-4  
 2. SPECIAL LATERAL 'V' DITCH  
 SEE DETAIL 3, SHEET 2D-1

-Y7-	-L-
PI Sta 14+05.83	PI Sta 99+56.26
$\Delta = 15' 21" 44"$ (RT)	$\Delta = 39' 11" 36.6"$ (RT)
D = 4' 17" 30.5"	D = 2' 30" 07.2"
L = 357.94'	L = 1,566.49'
T = 180.05'	T = 815.29'
R = 1,335.00'	R = 2,290.00'
SE = EXIST	SE = 0.03
RO = EXIST	RO = 150'

SEE SHEET 2B-2 FOR INTERSECTION DETAILS  
 SEE SHEET 36 FOR -L- PROFILE  
 SEE SHEET 52 FOR -Y7- PROFILE

11/1/2018

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11/1/2018

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE. SEE SHEETS EC-3 THRU EC-3A FOR STATION RANGES

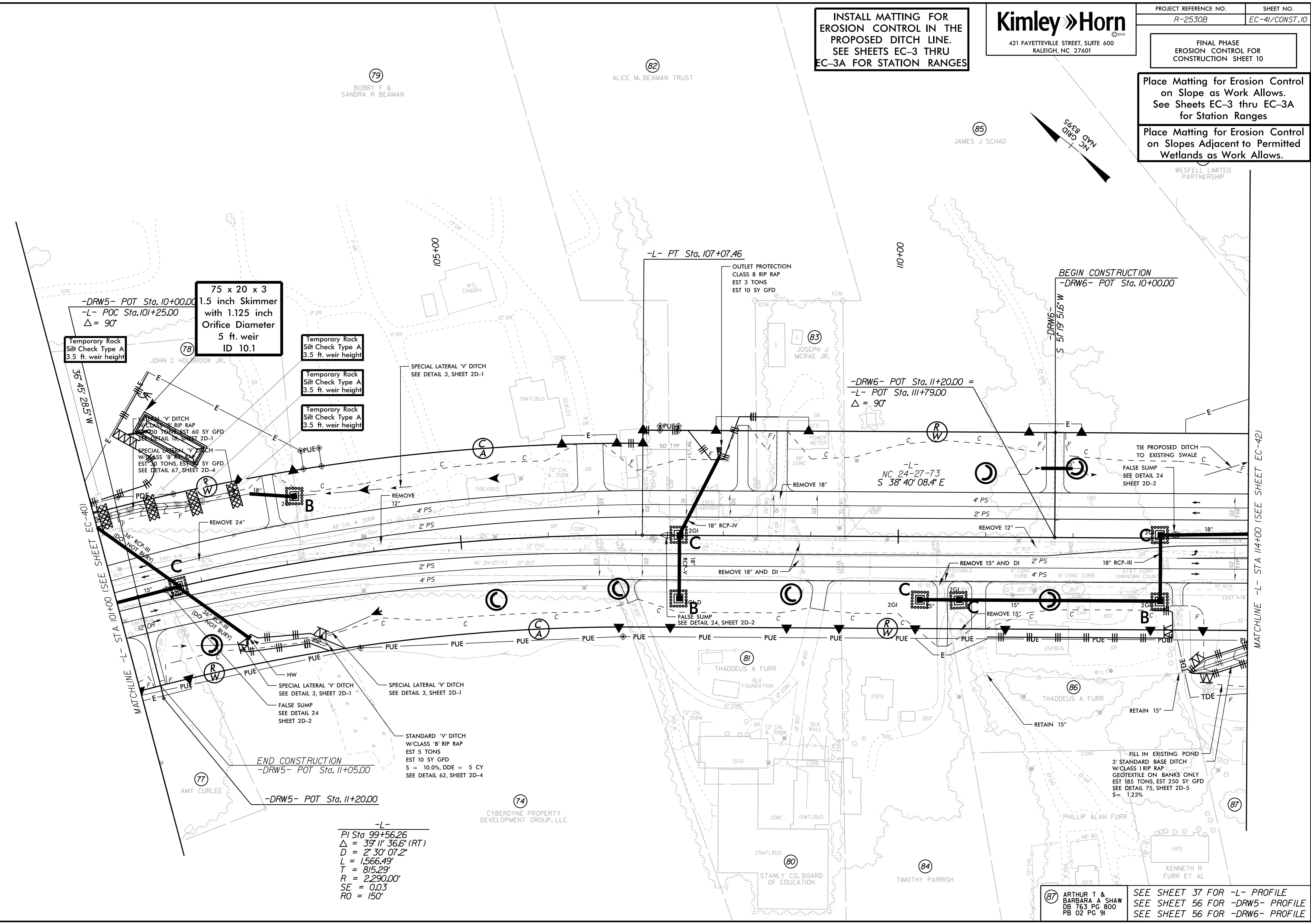
**Kimley Horn**  
421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, NC 27601

PROJECT REFERENCE NO.	SHEET NO.
R-2530B	EC-41/CONST. 10

FINAL PHASE EROSION CONTROL FOR CONSTRUCTION SHEET 10

Place Matting for Erosion Control on Slope as Work Allows. See Sheets EC-3 thru EC-3A for Station Ranges

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



-L-  
 PI Sta 99+56.26  
 $\Delta = 39^\circ 11' 36.6''$  (RT)  
 $D = 2' 30' 07.2''$   
 $L = 1,566.49'$   
 $T = 815.29'$   
 $R = 2,290.00'$   
 $SE = 0.03$   
 $RO = 150'$

87 ARTHUR T & BARBARA A SHAW  
 DB 763 PG 800  
 PB 02 PG 91

SEE SHEET 37 FOR -L- PROFILE  
 SEE SHEET 56 FOR -DRW5- PROFILE  
 SEE SHEET 56 FOR -DRW6- PROFILE

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11/1/2018

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE. SEE SHEETS EC-3 THRU EC-3A FOR STATION RANGES

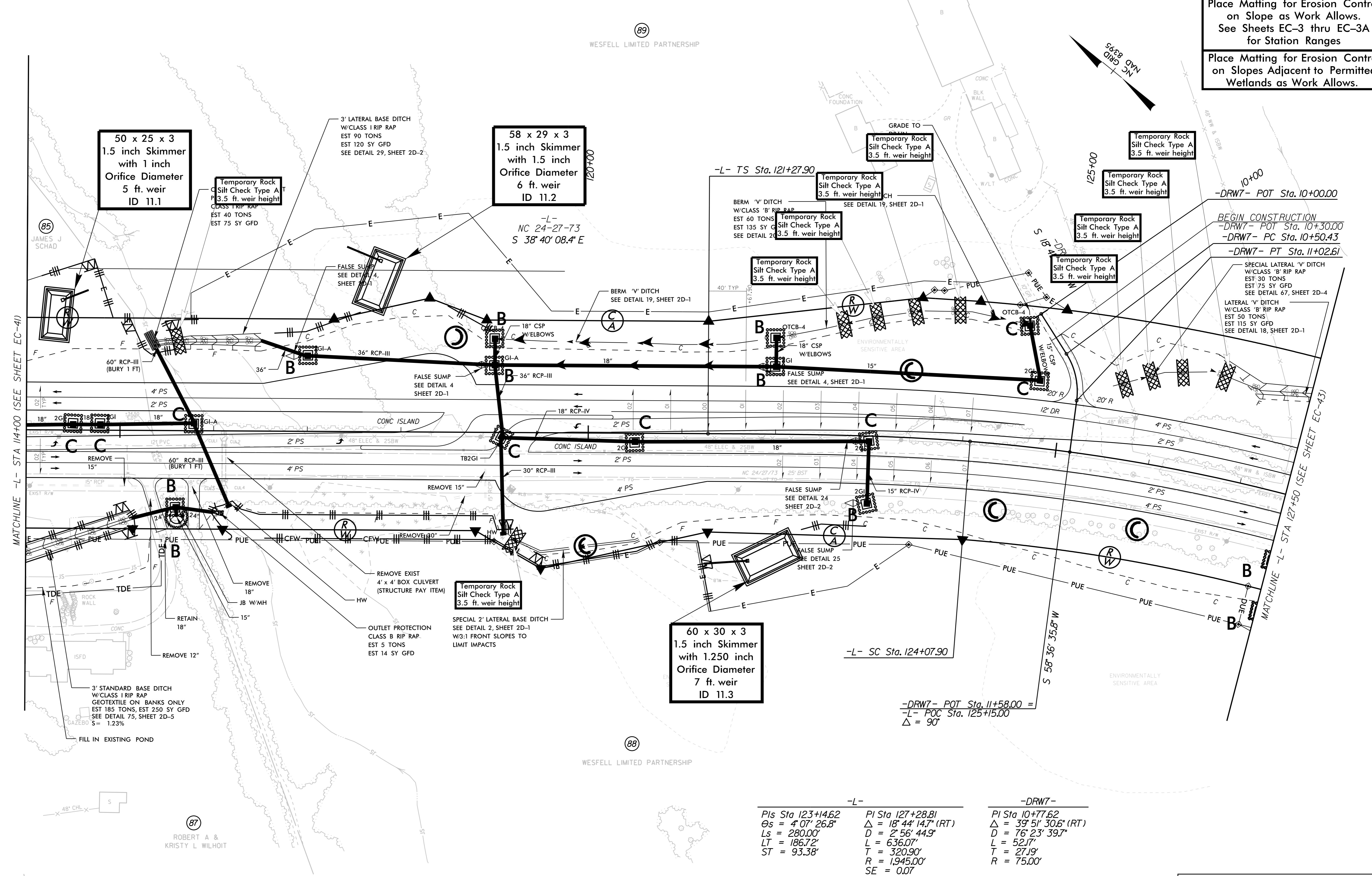
**Kimley Horn**  
421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, NC 27601

PROJECT REFERENCE NO. R-2530B  
SHEET NO. EC-42/CONST.11

FINAL PHASE EROSION CONTROL FOR CONSTRUCTION SHEET 11

Place Matting for Erosion Control on Slope as Work Allows. See Sheets EC-3 thru EC-3A for Station Ranges

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



50 x 25 x 3  
1.5 inch Skimmer  
with 1 inch  
Orifice Diameter  
5 ft. weir  
ID 11.1

58 x 29 x 3  
1.5 inch Skimmer  
with 1.5 inch  
Orifice Diameter  
6 ft. weir  
ID 11.2

60 x 30 x 3  
1.5 inch Skimmer  
with 1.250 inch  
Orifice Diameter  
7 ft. weir  
ID 11.3

Temporary Rock  
Silt Check Type A  
3.5 ft. weir height

Temporary Rock  
Silt Check Type A  
3.5 ft. weir height

Temporary Rock  
Silt Check Type A  
3.5 ft. weir height

Temporary Rock  
Silt Check Type A  
3.5 ft. weir height

Temporary Rock  
Silt Check Type A  
3.5 ft. weir height

Temporary Rock  
Silt Check Type A  
3.5 ft. weir height

Temporary Rock  
Silt Check Type A  
3.5 ft. weir height

-L- SC Sta. 124+07.90

-DRW7- POT Sta. 11+58.00 =  
-L- POC Sta. 125+15.00  
Δ = 90°

-L-  
PI Sta 123+14.62  
θs = 4° 07' 26.8"  
Ls = 280.00'  
LT = 186.72'  
ST = 93.38'

-L-  
PI Sta 127+28.81  
Δ = 18° 44' 14.7" (RT)  
D = 2' 56' 44.9"  
L = 636.07'  
T = 320.90'  
R = 1,945.00'  
SE = 0.07

-DRW7-  
PI Sta 10+77.62  
Δ = 39° 51' 30.6" (RT)  
D = 76' 23' 39.7"  
L = 52.17'  
T = 27.19'  
R = 75.00'

SEE SHEET 37 FOR -L- PROFILE  
SEE SHEET 57 FOR -DRW7- PROFILE

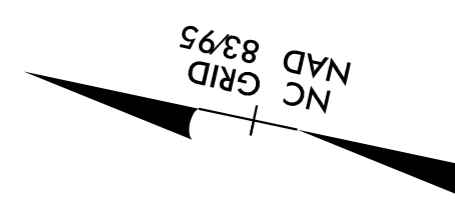


FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 12

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES

INSTALL PSRM IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEET EC-3A FOR  
 STATION RANGES

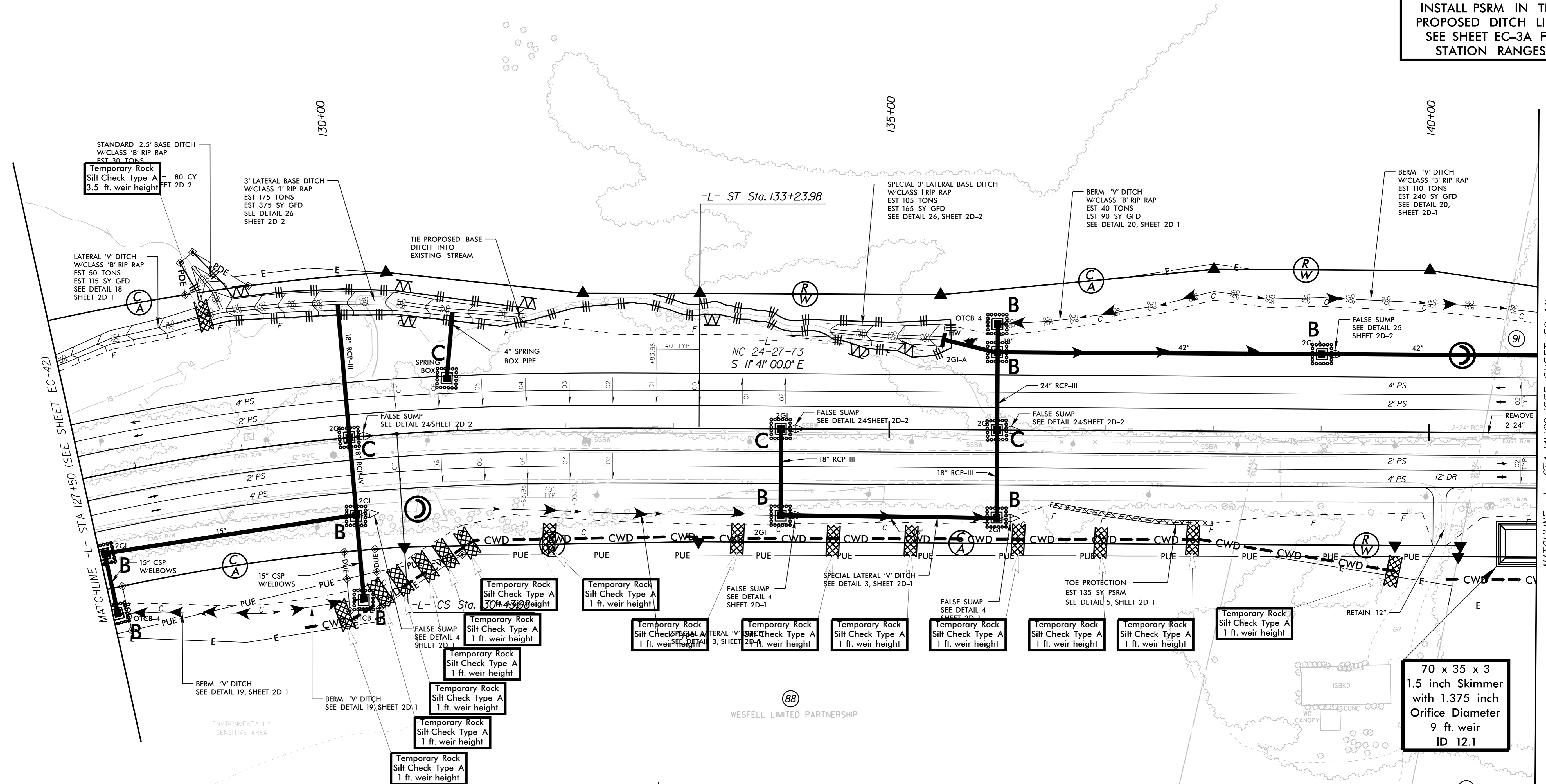


(89) WESFELL LIMITED PARTNERSHIP

(88) WESFELL LIMITED PARTNERSHIP

(90) BERNICE B WHITLEY

(92) JAMES PECK, JR. & TERRY ALMOND PECK



STANDARD 2.5' BASE DITCH  
 W/CLASS 'B' RIP RAP  
 EST 30 TONS  
**Temporary Rock Silt Check Type A**  
 3.5 ft. weir height  
 EST 80 CY  
 SEE DETAIL 26, SHEET 2D-2

3' LATERAL BASE DITCH  
 W/CLASS 'B' RIP RAP  
 EST 175 TONS  
 EST 375 SY GFD  
 SEE DETAIL 26, SHEET 2D-2

SPECIAL 3' LATERAL BASE DITCH  
 W/CLASS 'B' RIP RAP  
 EST 105 TONS  
 EST 165 SY GFD  
 SEE DETAIL 26, SHEET 2D-2

BERM 'V' DITCH  
 W/CLASS 'B' RIP RAP  
 EST 110 TONS  
 EST 240 SY GFD  
 SEE DETAIL 20, SHEET 2D-1

**Temporary Rock Silt Check Type A**  
 1 ft. weir height

**Temporary Rock Silt Check Type A**  
 1 ft. weir height

**Temporary Rock Silt Check Type A**  
 1 ft. weir height

**Temporary Rock Silt Check Type A**  
 1 ft. weir height

**Temporary Rock Silt Check Type A**  
 1 ft. weir height

**Temporary Rock Silt Check Type A**  
 1 ft. weir height

**70 x 35 x 3**  
 1.5 inch Skimmer  
 with 1.375 inch  
 Orifice Diameter  
 9 ft. weir  
 ID 12.1

-L-

PI Sta 123+14.62	PI Sta 127+28.81	PI Sta 131+37.36
Δs = 4' 07" 26.8"	Δ = 18' 44" 14.7" (RT)	Δs = 4' 07" 26.8"
Ls = 280.00'	D = 2' 56" 44.9"	Ls = 280.00'
LT = 186.72'	D = 636.07'	LT = 186.72'
ST = 93.38'	T = 320.90'	ST = 93.38'
	R = 1,945.00'	
	SE = 0.07	

MATCHLINE -L- STA 127+50 (SEE SHEET EC-42)

MATCHLINE -L- STA 141+00 (SEE SHEET EC-44)

5/14/99

11/1/2018

(9) JOHN CLIFTON WHITLEY  
 DB 356 PG 5

SEE SHEET 38 FOR -L- PROFILE

5/14/1999

97 D & G PROPERTIES  
DB 540 PG 878

99 STONY GAP PROPERTIES LLC  
DB 1370 PG 1000  
DB 187 PG 245

NOTES:  
1. SPECIAL LATERAL BASE DITCH  
SEE DETAIL 2, SHEET 2D-1  
2. OUTLET PROTECTION - CLASS B RIP RAP  
EST 3 TONS, EST 10 SY GFD  
3. OUTLET PROTECTION - CLASS B RIP RAP  
EST 2 TONS, EST 7 SY GFD

D & G PROPERTIES

INSTALL PSRM IN THE  
PROPOSED DITCH LINE.  
SEE SHEET EC-3A FOR  
STATION RANGES

INSTALL MATTING FOR  
EROSION CONTROL IN THE  
PROPOSED DITCH LINE.  
SEE SHEETS EC-3 THRU  
EC-3A FOR STATION RANGES

**Kimley Horn**  
421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, NC 27601

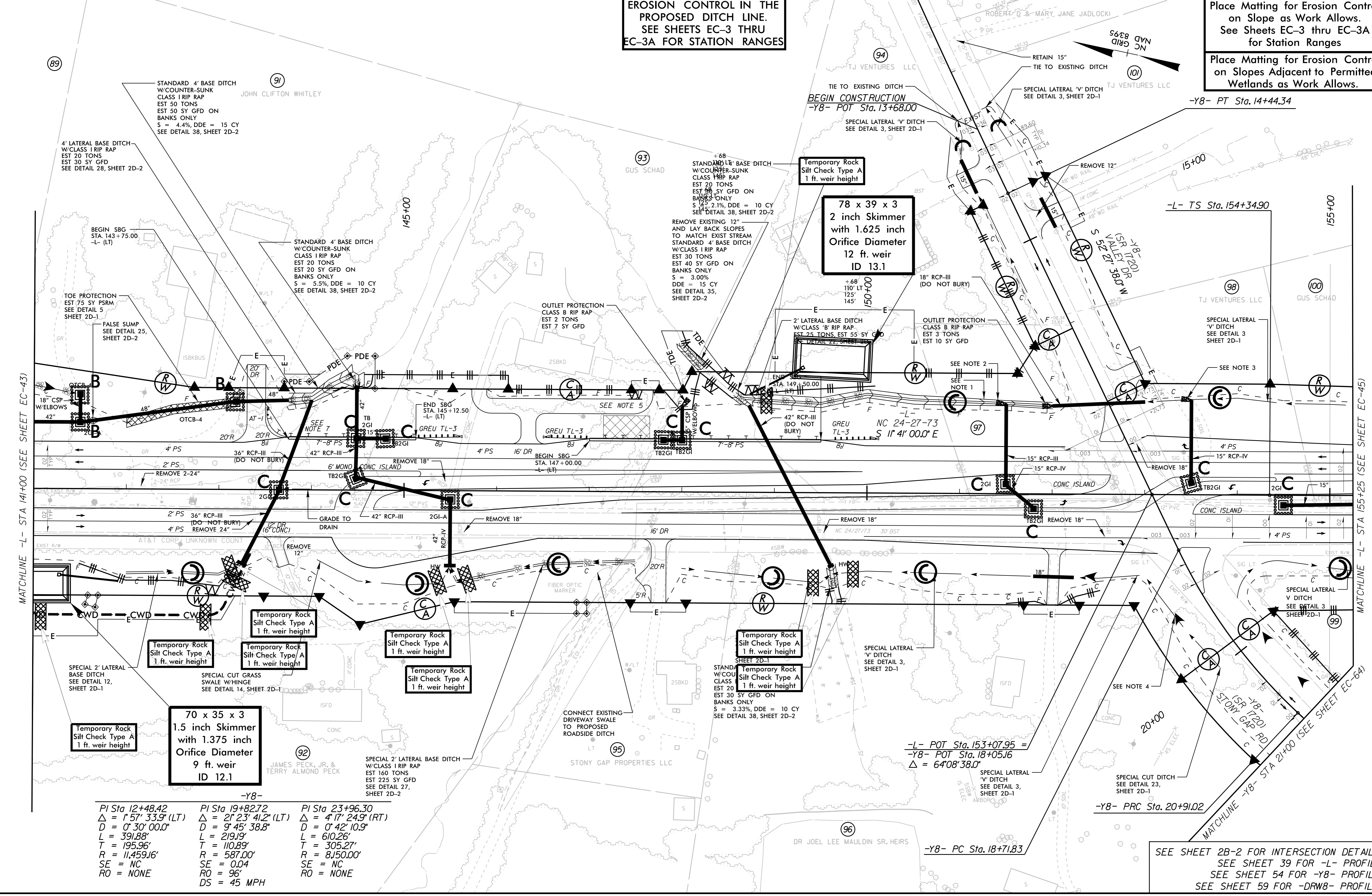
PROJECT REFERENCE NO.  
R-2530B

SHEET NO.  
EC-44/CONST.13

FINAL PHASE  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 13

Place Matting for Erosion Control  
on Slope as Work Allows.  
See Sheets EC-3 thru EC-3A  
for Station Ranges

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



MATCHLINE -L- STA 141+00 (SEE SHEET EC-43)

MATCHLINE -L- STA 155+25 (SEE SHEET EC-45)

PI Sta 12+48.42 Δ = 1° 57' 33.9" (LT) D = 0° 30' 00.0" L = 391.88' T = 195.96' R = 11,459.16' SE = NC RO = NONE	PI Sta 19+82.72 Δ = 2° 23' 41.2" (LT) D = 9° 45' 38.8" L = 219.19' T = 110.89' R = 587.00' SE = 0.04 RO = 96' DS = 45 MPH	PI Sta 23+96.30 Δ = 4° 17' 24.9" (RT) D = 0° 42' 10.9" L = 610.26' T = 305.27' R = 8,150.00' SE = NC RO = NONE
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SEE SHEET 2B-2 FOR INTERSECTION DETAILS  
SEE SHEET 39 FOR -L- PROFILE  
SEE SHEET 54 FOR -Y8- PROFILE  
SEE SHEET 59 FOR -DRW8- PROFILE

11/1/2018

5/14/99

11/1/2018

-DRW9-  
 PI Sta 10+48.93  
 $\Delta = 13^{\circ} 55' 05.7" (RT)$   
 $D = 22^{\circ} 55' 05.9"$   
 $L = 60.73'$   
 $T = 30.52'$   
 $R = 250.00'$

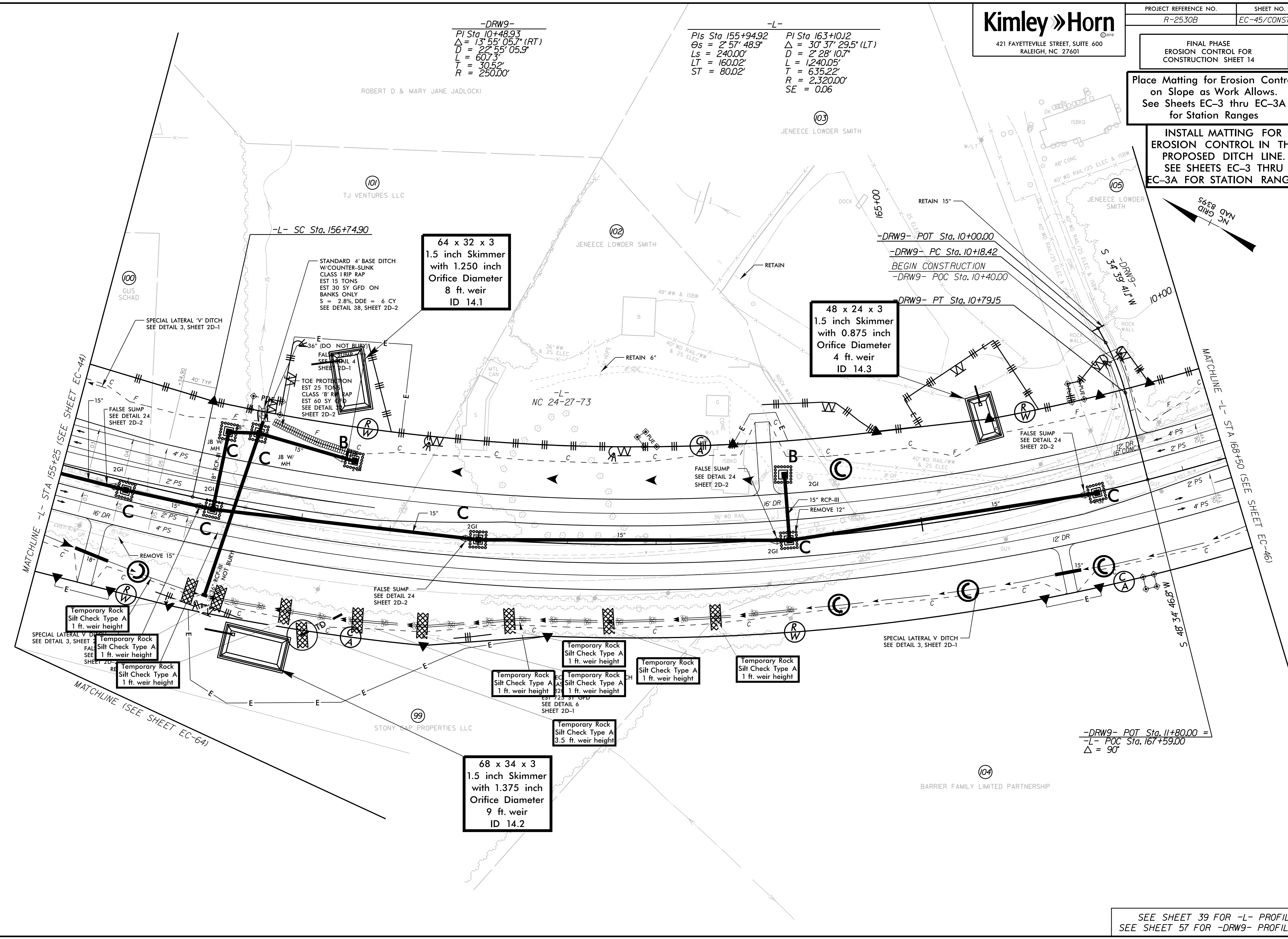
-L-  
 PIs Sta 155+94.92    PI Sta 163+10.12  
 $\Theta_s = 2^{\circ} 57' 48.9"$      $\Delta = 30^{\circ} 37' 29.5" (LT)$   
 $L_s = 240.00'$      $D = 2^{\circ} 28' 10.7"$   
 $LT = 160.02'$      $L = 1,240.05'$   
 $ST = 80.02'$      $T = 635.22'$   
                      $R = 2,320.00'$   
                      $SE = 0.06$

**Kimley Horn**  
 421 FAYETTEVILLE STREET, SUITE 600  
 RALEIGH, NC 27601

FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 14

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES



-DRW9- POT Sta. 11+80.00 =  
 -L- POC Sta. 167+59.00  
 $\Delta = 90^{\circ}$

SEE SHEET 39 FOR -L- PROFILE  
 SEE SHEET 57 FOR -DRW9- PROFILE

5/14/99

**Kimley Horn**  
 421 FAYETTEVILLE STREET, SUITE 600  
 RALEIGH, NC 27601

FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 15

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

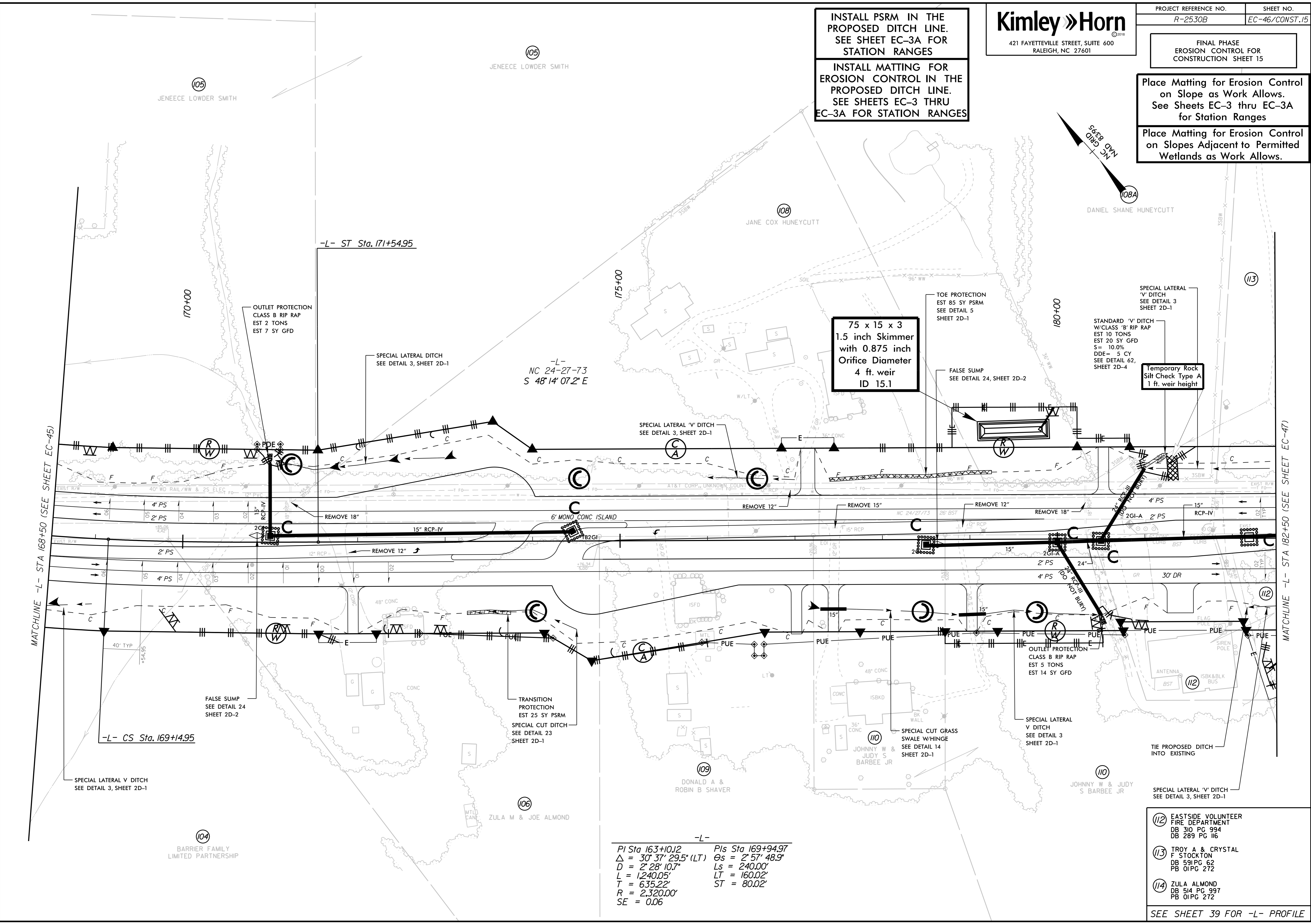
Place Matting for Erosion Control  
 on Slopes Adjacent to Permitted  
 Wetlands as Work Allows.

INSTALL PSRM IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEET EC-3A FOR  
 STATION RANGES

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES

75 x 15 x 3  
 1.5 inch Skimmer  
 with 0.875 inch  
 Orifice Diameter  
 4 ft. weir  
 ID 15.1

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height



-L-  
 PI Sta 163+10.12    Pls Sta 169+94.97  
 $\Delta = 30' 37'' 29.5'' (LT)$      $\Theta_s = 2' 57'' 48.9''$   
 $D = 2' 28'' 10.7''$      $L_s = 240.00'$   
 $L = 1240.05'$      $LT = 160.02'$   
 $T = 635.22'$      $ST = 80.02'$   
 $R = 2,320.00'$   
 $SE = 0.06$

- (112) EASTSIDE VOLUNTEER  
 FIRE DEPARTMENT  
 DB 310 PG 994  
 DB 289 PG 116
- (113) TROY A & CRYSTAL  
 F STOCKTON  
 DB 591 PG 62  
 PB 01 PG 272
- (114) ZULA ALMOND  
 DB 514 PG 997  
 PB 01 PG 272

SEE SHEET 39 FOR -L- PROFILE

11/1/2018

5/14/99

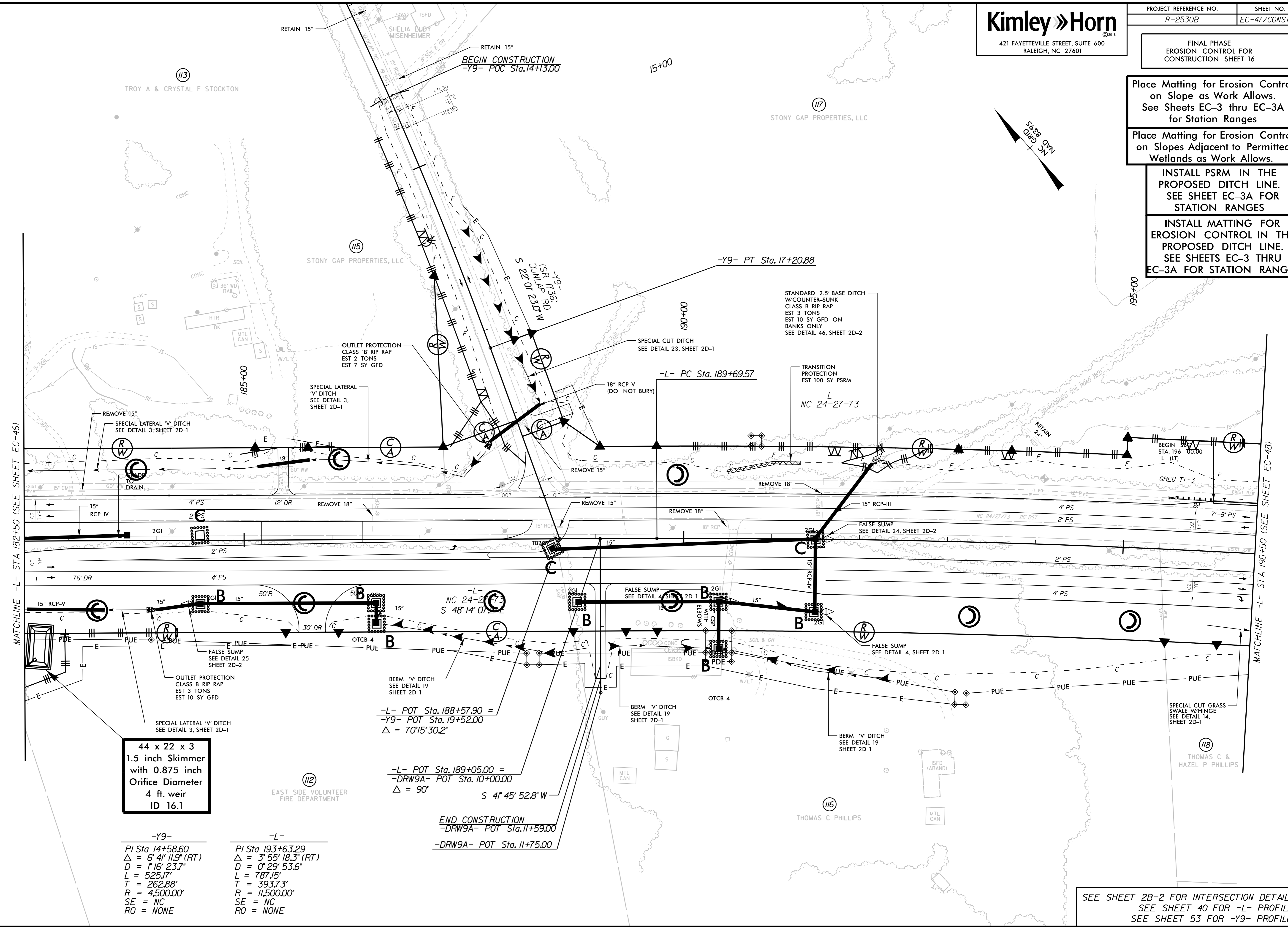
FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 16

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

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

INSTALL PSRM IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEET EC-3A FOR  
 STATION RANGES

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES



MATCHLINE -L- STA 182+50 (SEE SHEET EC-46)

MATCHLINE -L- STA 196+50 (SEE SHEET EC-48)

**44 x 22 x 3  
 1.5 inch Skimmer  
 with 0.875 inch  
 Orifice Diameter  
 4 ft. weir  
 ID 16.1**

-Y9-  
 PI Sta 14+58.60  
 $\Delta = 6' 4'' 11.9'' (RT)$   
 $D = 1' 16'' 23.7''$   
 $L = 525.17'$   
 $T = 262.88'$   
 $R = 4,500.00'$   
 SE = NC  
 RO = NONE

-L-  
 PI Sta 193+63.29  
 $\Delta = 3' 55'' 18.3'' (RT)$   
 $D = 0' 29'' 53.6''$   
 $L = 787.15'$   
 $T = 393.73'$   
 $R = 11,500.00'$   
 SE = NC  
 RO = NONE

-L- POT Sta. 188+57.90 =  
 -Y9- POT Sta. 19+52.00  
 $\Delta = 70' 15'' 30.2''$

-L- POT Sta. 189+05.00 =  
 -DRW9A- POT Sta. 10+00.00  
 $\Delta = 90'$

END CONSTRUCTION  
 -DRW9A- POT Sta. 11+75.00

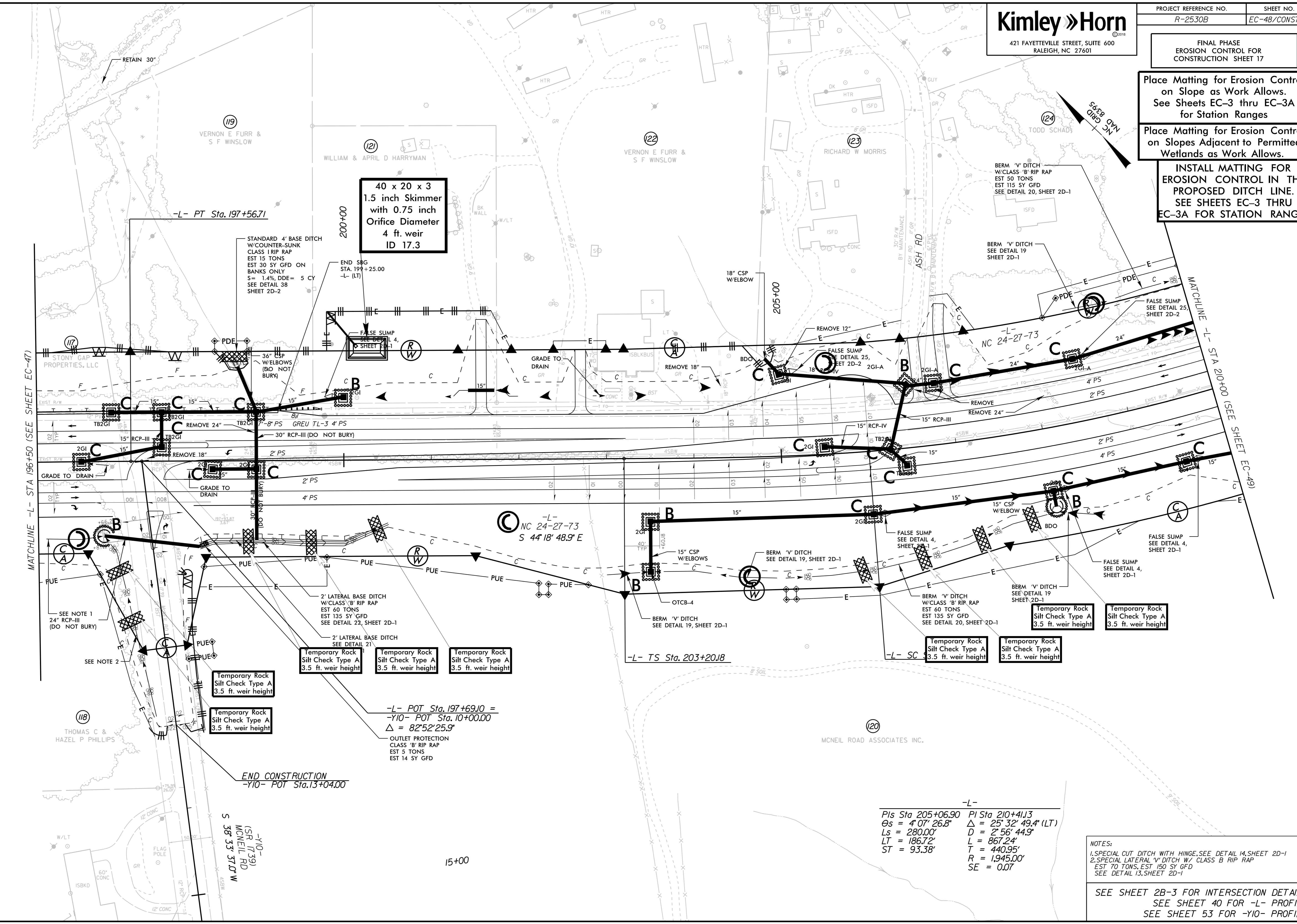
SEE SHEET 2B-2 FOR INTERSECTION DETAILS  
 SEE SHEET 40 FOR -L- PROFILE  
 SEE SHEET 53 FOR -Y9- PROFILE

11/1/2018

Place Matting for Erosion Control  
on Slope as Work Allows.  
See Sheets EC-3 thru EC-3A  
for Station Ranges

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

INSTALL MATTING FOR  
EROSION CONTROL IN THE  
PROPOSED DITCH LINE.  
SEE SHEETS EC-3 THRU  
EC-3A FOR STATION RANGES



-L-

PI Sta 205+06.90	PI Sta 210+41.13
Os = 4' 07" 26.8"	Δ = 25' 32" 49.4" (LT)
Ls = 280.00'	D = 2' 56" 44.9"
LT = 186.72'	L = 867.24'
ST = 93.38'	T = 440.95'
	R = 1,945.00'
	SE = 0.07

NOTES:  
1. SPECIAL CUT DITCH WITH HINGE, SEE DETAIL 14, SHEET 2D-1  
2. SPECIAL LATERAL V DITCH W/ CLASS B RIP RAP  
EST 70 TONS, EST 150 SY GFD  
SEE DETAIL 13, SHEET 2D-1

SEE SHEET 2B-3 FOR INTERSECTION DETAILS  
SEE SHEET 40 FOR -L- PROFILE  
SEE SHEET 53 FOR -Y10- PROFILE

5/14/99

11/1/2018

5/14/99

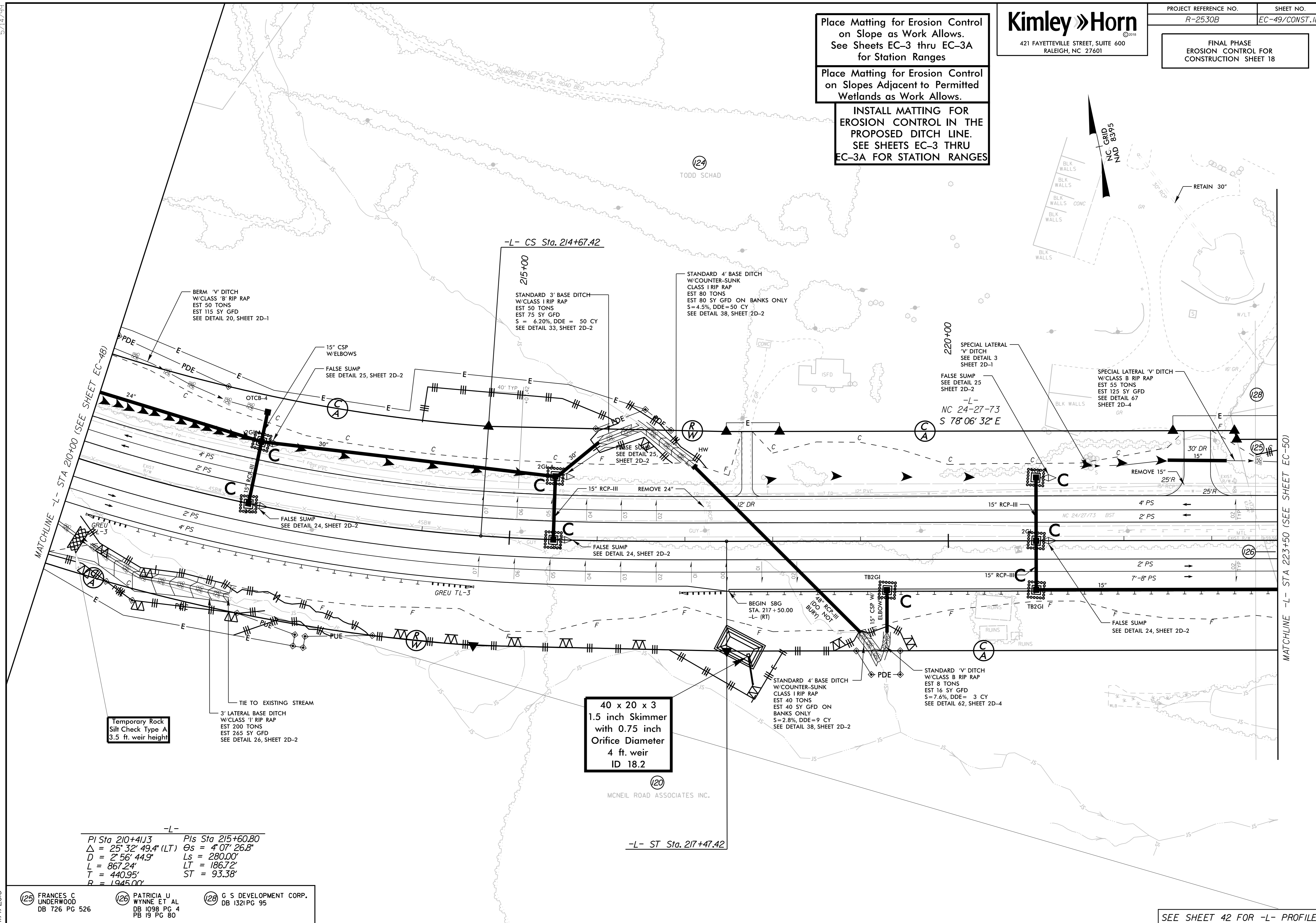
**Kimley Horn**  
 421 FAYETTEVILLE STREET, SUITE 600  
 RALEIGH, NC 27601

FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 18

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

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

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES



MATCHLINE -L- STA 210+00 (SEE SHEET EC-48)

MATCHLINE -L- STA 223+50 (SEE SHEET EC-50)

-L- CS Sta. 214+67.42

-L- ST Sta. 217+47.42

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

40 x 20 x 3  
 1.5 inch Skimmer  
 with 0.75 inch  
 Orifice Diameter  
 4 ft. weir  
 ID 18.2

-L-  
 Pls Sta 210+41.13    Pls Sta 215+60.80  
 $\Delta = 25^{\circ} 32' 49.4''$  (LT)     $\Theta_s = 4^{\circ} 07' 26.8''$   
 $D = 2^{\circ} 56' 44.9''$      $L_s = 280.00'$   
 $L = 867.24'$      $LT = 186.72'$   
 $T = 440.95'$      $ST = 93.38'$   
 $R = 1945.00'$

(125) FRANCIS C UNDERWOOD DB 726 PG 526	(126) PATRICIA U WYNNIE ET AL DB 1098 PG 4 PB 19 PG 80	(128) G S DEVELOPMENT CORP. DB 1321 PG 95
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SEE SHEET 42 FOR -L- PROFILE

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**Kimley Horn**  
 421 FAYETTEVILLE STREET, SUITE 600  
 RALEIGH, NC 27601

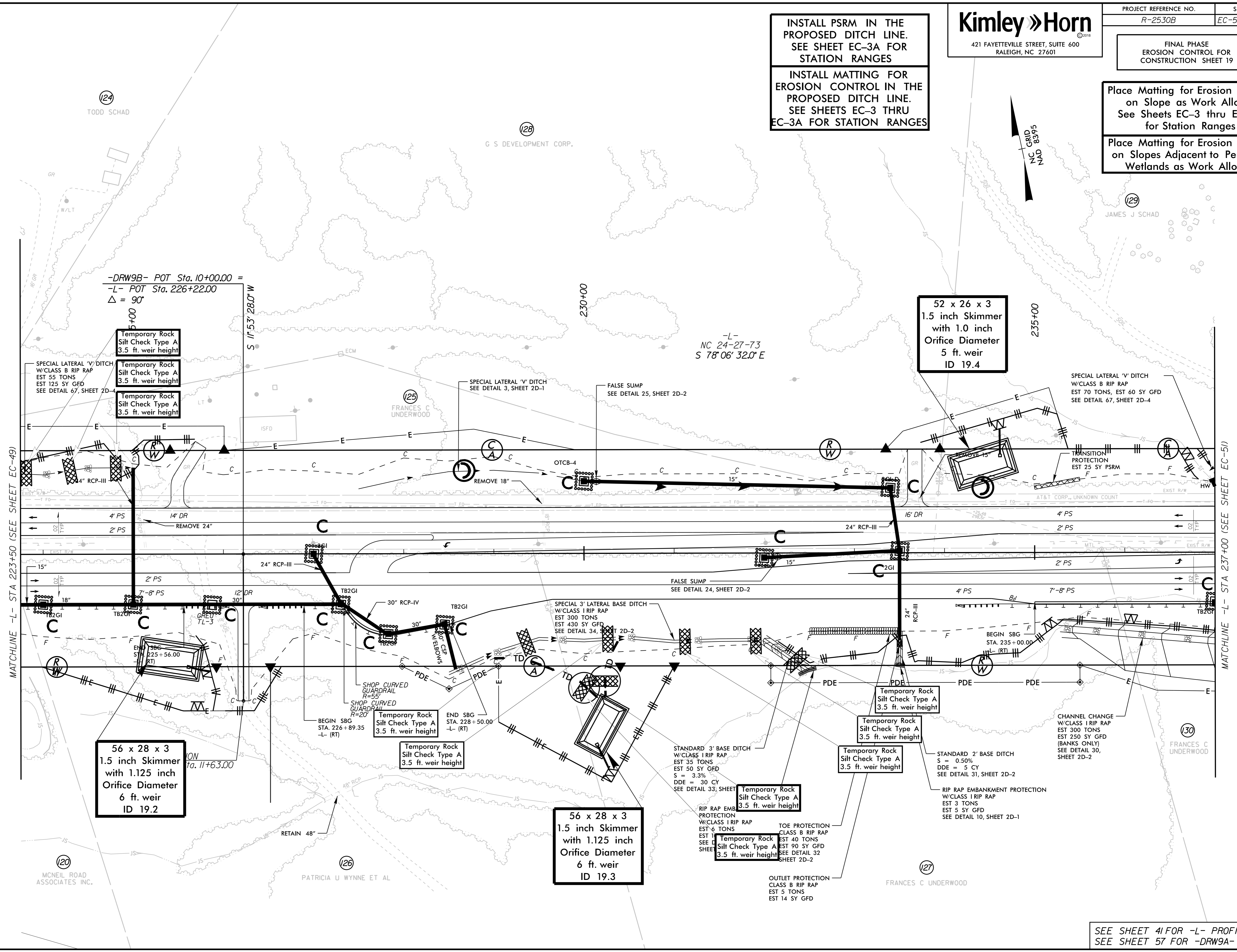
FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 19

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

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

INSTALL PSRM IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEET EC-3A FOR  
 STATION RANGES

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES



11/1/2018

SEE SHEET 41 FOR -L- PROFILE  
 SEE SHEET 57 FOR -DRW9A- PROFILE



5/14/99

FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 20

INSTALL PSRM IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEET EC-3A FOR  
 STATION RANGES

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES

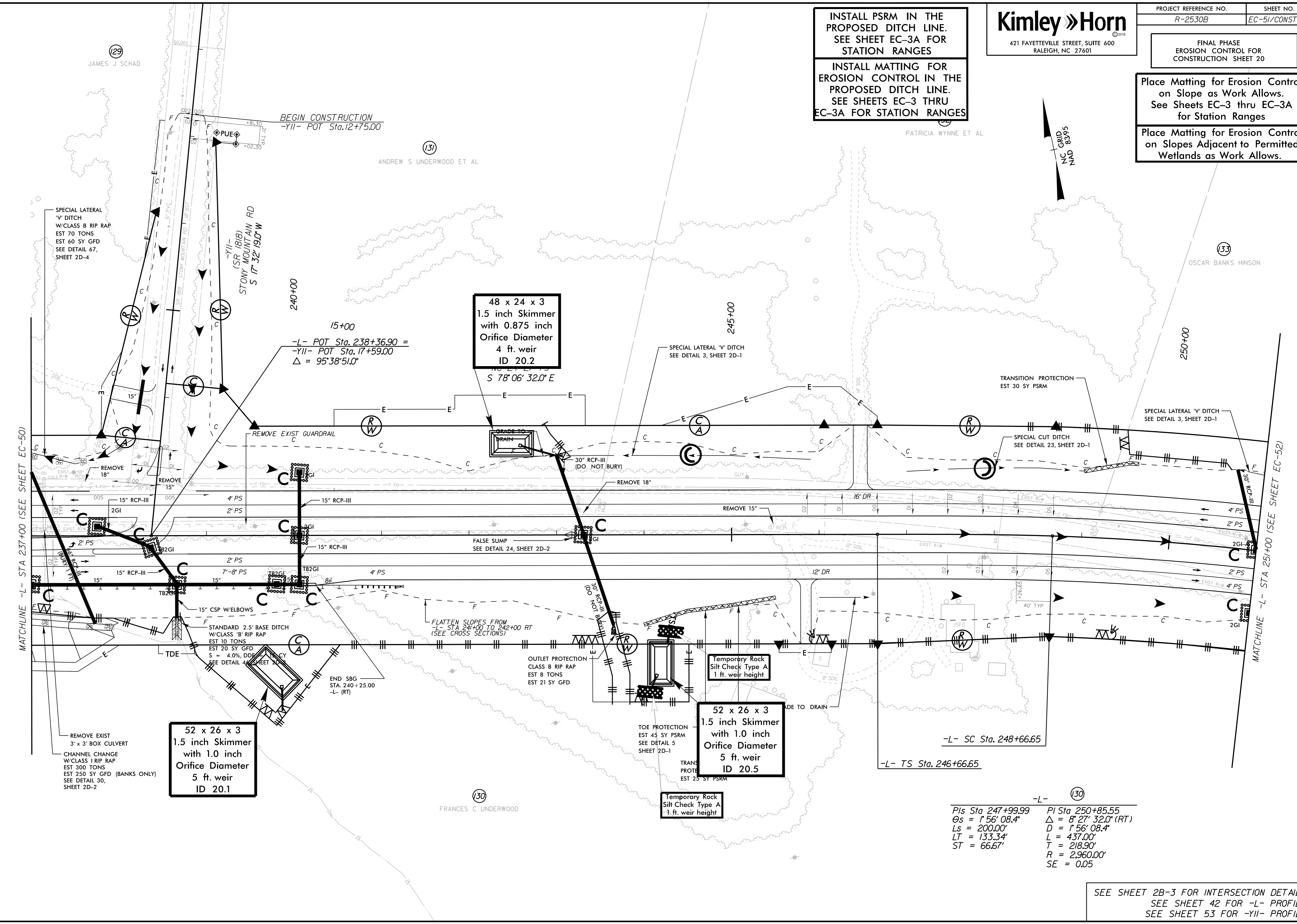
Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

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

PATRICIA WYNNE ET AL

ANDREW S UNDERWOOD ET AL

FRANCES C UNDERWOOD



48 x 24 x 3  
 1.5 inch Skimmer  
 with 0.875 inch  
 Orifice Diameter  
 4 ft. weir  
 ID 20.2

52 x 26 x 3  
 1.5 inch Skimmer  
 with 1.0 inch  
 Orifice Diameter  
 5 ft. weir  
 ID 20.1

52 x 26 x 3  
 1.5 inch Skimmer  
 with 1.0 inch  
 Orifice Diameter  
 5 ft. weir  
 ID 20.5

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height

Pls Sta 247+99.99    Pls Sta 250+85.55  
 $\Theta_s = 1^{\circ}56'08.4''$      $\Delta = 8^{\circ}27'32.0''$  (RT)  
 $L_s = 200.00'$      $D = 1^{\circ}56'08.4''$   
 $LT = 133.34'$      $L = 437.00'$   
 $ST = 66.67'$      $T = 218.90'$   
                                $R = 2,960.00'$   
                                        $SE = 0.05$

SEE SHEET 2B-3 FOR INTERSECTION DETAILS  
 SEE SHEET 42 FOR -L- PROFILE  
 SEE SHEET 53 FOR -YII- PROFILE

11/1/2018

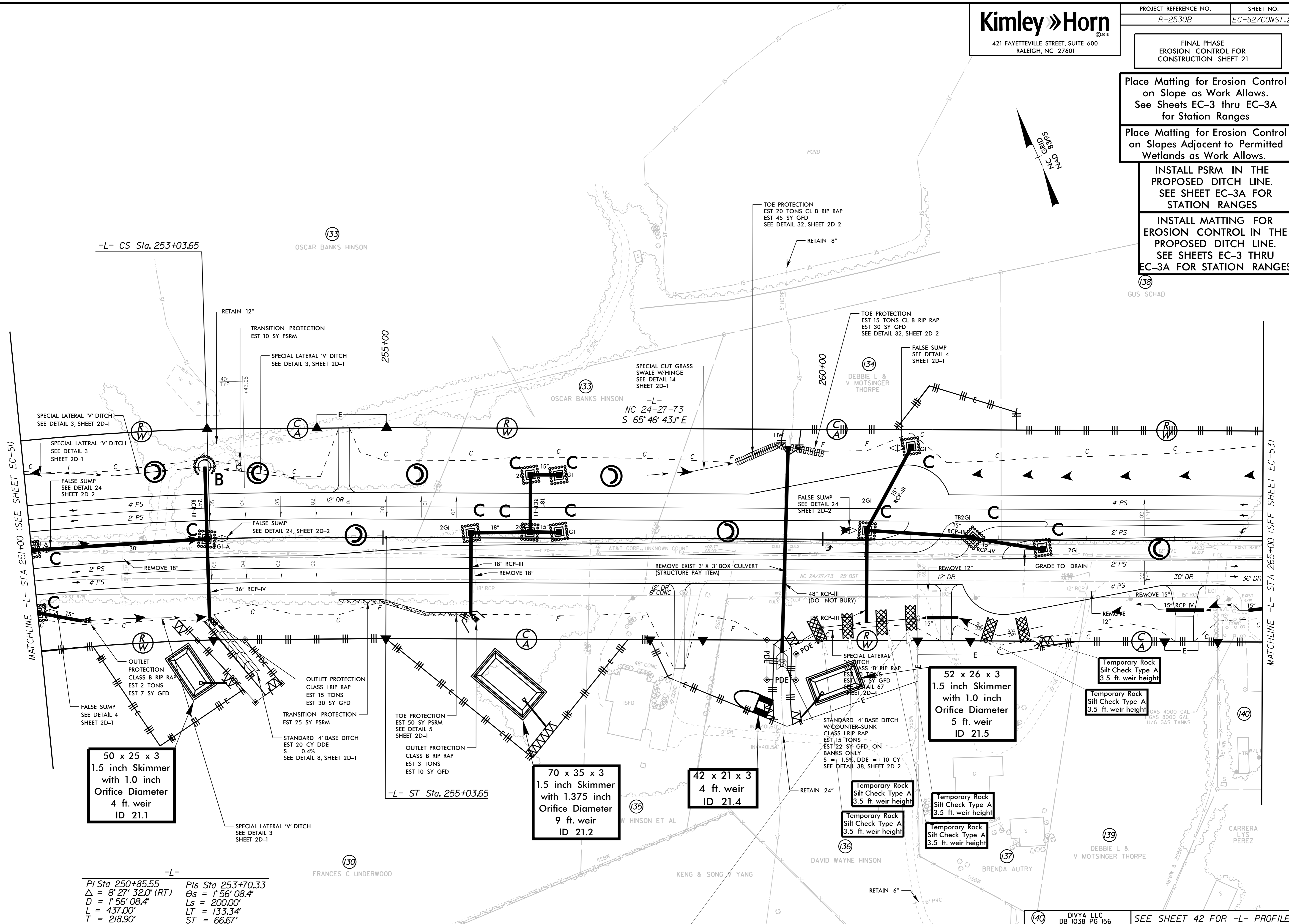
FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 21

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

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

INSTALL PSRM IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEET EC-3A FOR  
 STATION RANGES

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES



50 x 25 x 3  
 1.5 inch Skimmer  
 with 1.0 inch  
 Orifice Diameter  
 4 ft. weir  
 ID 21.1

70 x 35 x 3  
 1.5 inch Skimmer  
 with 1.375 inch  
 Orifice Diameter  
 9 ft. weir  
 ID 21.2

42 x 21 x 3  
 4 ft. weir  
 ID 21.4

52 x 26 x 3  
 1.5 inch Skimmer  
 with 1.0 inch  
 Orifice Diameter  
 5 ft. weir  
 ID 21.5

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

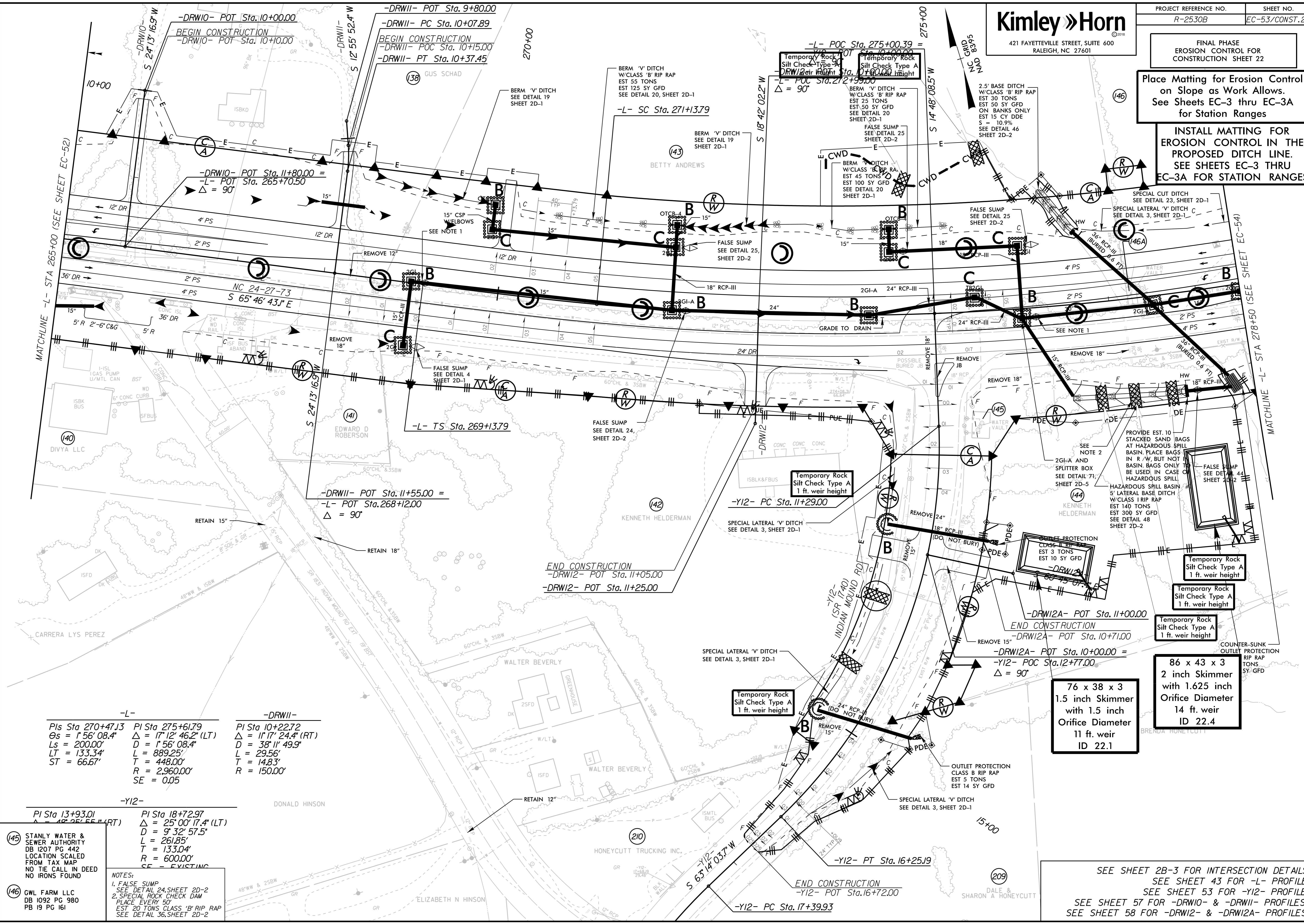
Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

Temporary Rock  
 Silt Check Type A  
 3.5 ft. weir height

-L-  
 PI Sta 250+85.55 Δ = 8° 27' 32.0" (RT) Os = 1° 56' 08.4"  
 D = 1° 56' 08.4" Ls = 200.00'  
 L = 437.00' LT = 133.34'  
 T = 218.90' ST = 66.67'

Place Matting for Erosion Control  
on Slope as Work Allows.  
See Sheets EC-3 thru EC-3A  
for Station Ranges

INSTALL MATTING FOR  
EROSION CONTROL IN THE  
PROPOSED DITCH LINE.  
SEE SHEETS EC-3 THRU  
EC-3A FOR STATION RANGES



-L-		-DRWII-	
PI Sta 270+47.13	PI Sta 275+61.79	PI Sta 10+22.72	PI Sta 10+22.72
Qs = 1' 56" 08.4"	Δ = 17' 12" 46.2" (LT)	Δ = 11' 17" 24.4" (RT)	Δ = 11' 17" 24.4" (RT)
Ls = 200.00'	D = 1' 56" 08.4"	D = 38' 11" 49.9"	D = 38' 11" 49.9"
LT = 133.34'	L = 889.25'	L = 29.56'	L = 29.56'
ST = 66.67'	T = 448.00'	T = 14.83'	T = 14.83'
	R = 2,960.00'	R = 150.00'	R = 150.00'
	SE = 0.05		

-Y12-	
PI Sta 13+93.01	PI Sta 18+72.97
Δ = 48' 26" 55" (RT)	Δ = 25' 00" 17.4" (LT)
	D = 9' 32" 57.5"
	L = 261.85'
	T = 133.04'
	R = 600.00'
	SE = EXISTING

(145) STANLY WATER & SEWER AUTHORITY  
DB 1207 PG 442  
LOCATION SCALED FROM TAX MAP  
NO THE CALL IN DEED NO IRONS FOUND

(146) GWL FARM LLC  
DB 1092 PG 980  
PB 19 PG 161

NOTES:  
1. FALSE SUMP SEE DETAIL 24, SHEET 2D-2  
2. SPECIAL ROCK CHECK DAM PLACE EVERY 50' EST 20 TONS CLASS 'B' RIP RAP SEE DETAIL 36, SHEET 2D-2

76 x 38 x 3  
1.5 inch Skimmer  
with 1.5 inch  
Orifice Diameter  
11 ft. weir  
ID 22.1

86 x 43 x 3  
2 inch Skimmer  
with 1.625 inch  
Orifice Diameter  
14 ft. weir  
ID 22.4

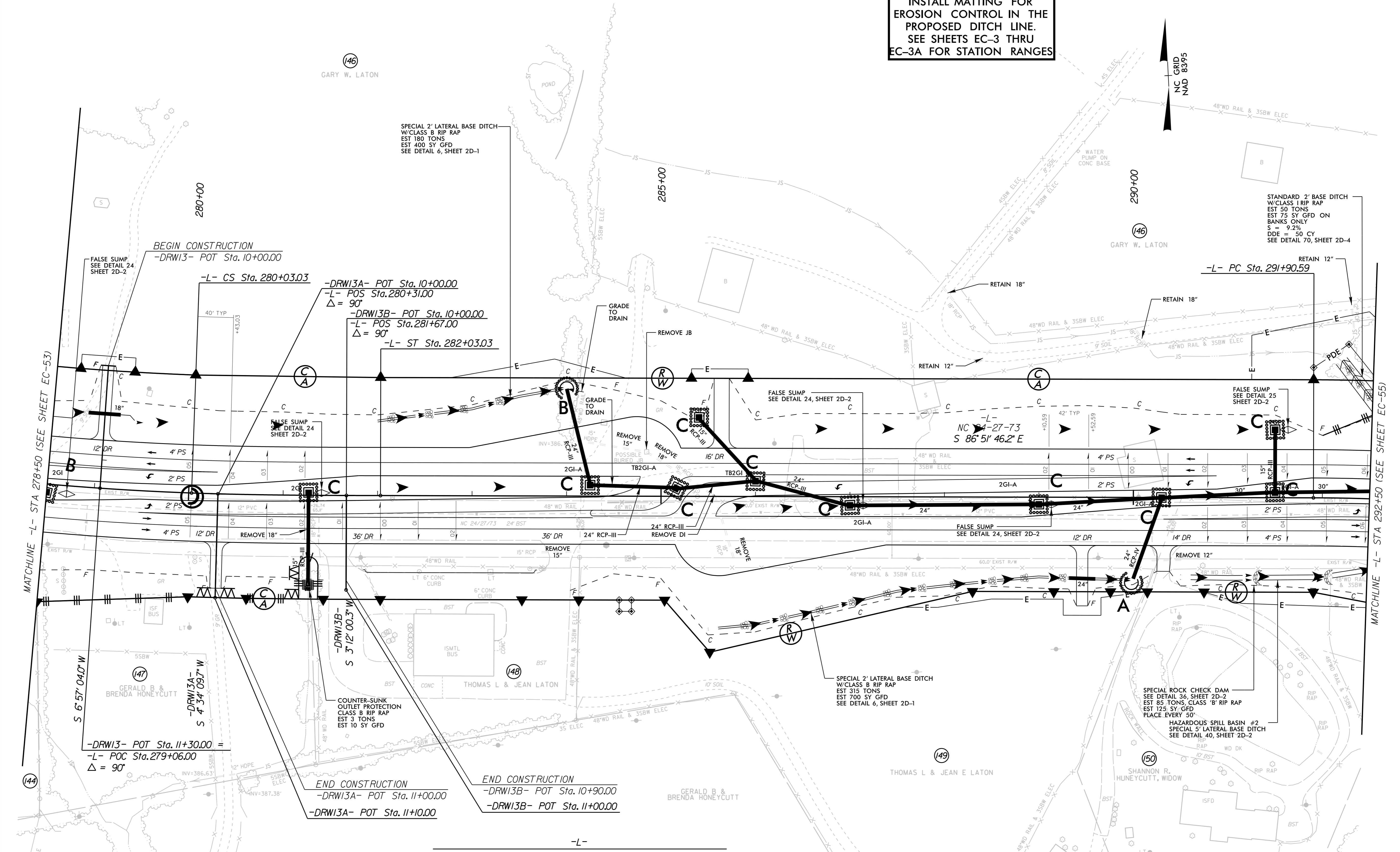
SEE SHEET 2B-3 FOR INTERSECTION DETAILS  
SEE SHEET 43 FOR -L- PROFILE  
SEE SHEET 53 FOR -Y12- PROFILE  
SEE SHEET 57 FOR -DRW10- & -DRW11- PROFILES  
SEE SHEET 58 FOR -DRW12- & -DRW12A- PROFILES

5/14/99

11/1/2018

Place Matting for Erosion Control  
on Slope as Work Allows.  
See Sheets EC-3 thru EC-3A  
for Station Ranges

INSTALL MATTING FOR  
EROSION CONTROL IN THE  
PROPOSED DITCH LINE.  
SEE SHEETS EC-3 THRU  
EC-3A FOR STATION RANGES



PI Sta	Δ	Θs	D	L	T	R
275+61.79	17° 12' 46.2" (LT)	156' 08.4"	889.25'	448.00'	2,960.00'	
280+69.71	32° 41' 31.2" (RT)	200.00'	1,109.78'	570.45'	1,945.00'	
297+61.04						

SEE SHEET 43 FOR -L- PROFILE  
SEE SHEET 58 FOR -DRWI3-, -DRWI3A-, & -DRWI3B- PROFILES

5/14/99

**Kimley Horn**

421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, NC 27601

PROJECT REFERENCE NO. R-2530B SHEET NO. EC-55/CONST. 24

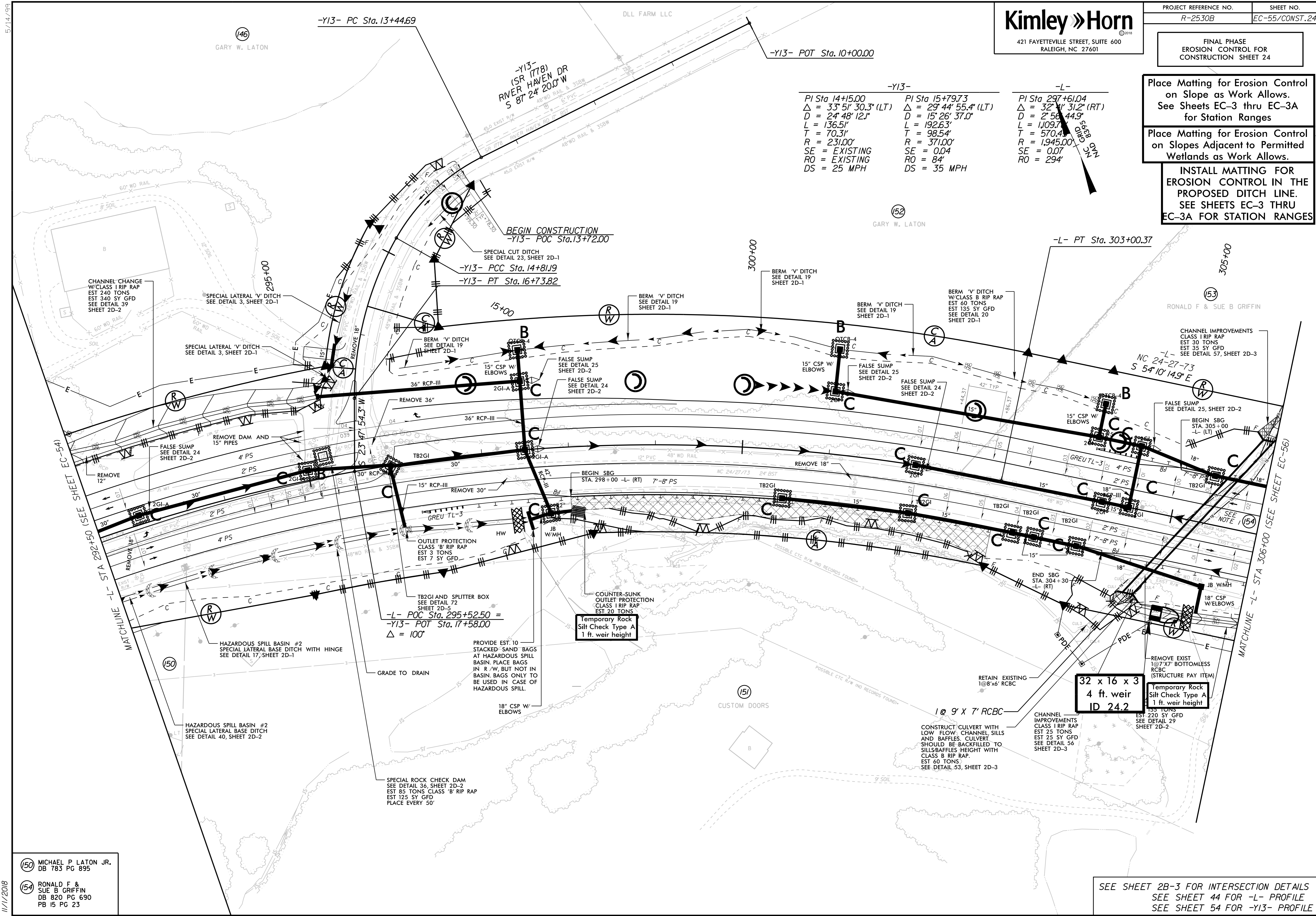
FINAL PHASE  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 24

Place Matting for Erosion Control  
on Slope as Work Allows.  
See Sheets EC-3 thru EC-3A  
for Station Ranges

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

INSTALL MATTING FOR  
EROSION CONTROL IN THE  
PROPOSED DITCH LINE.  
SEE SHEETS EC-3 THRU  
EC-3A FOR STATION RANGES

-Y13-	-Y13-	-L-
PI Sta 14+15.00	PI Sta 15+79.73	PI Sta 297+61.04
$\Delta = 33' 5" 30.3" (LT)$	$\Delta = 29' 44" 55.4" (LT)$	$\Delta = 32' 41" 31.2" (RT)$
$D = 24' 48" 12.1"$	$D = 15' 26' 37.0"$	$D = 2' 58' 44.9"$
$L = 136.5'$	$L = 192.63'$	$L = 1,109.7'$
$T = 70.3'$	$T = 98.54'$	$T = 570.4'$
$R = 231.00'$	$R = 371.00'$	$R = 1,945.00'$
$SE = EXISTING$	$SE = 0.04$	$SE = 0.07$
$RO = EXISTING$	$RO = 84'$	$RO = 294'$
$DS = 25 MPH$	$DS = 35 MPH$	



150 MICHAEL P. LATON JR.  
DB 783 PG 895

154 RONALD F. & SUE B. GRIFFIN  
DB 820 PG 690  
PB 15 PG 23

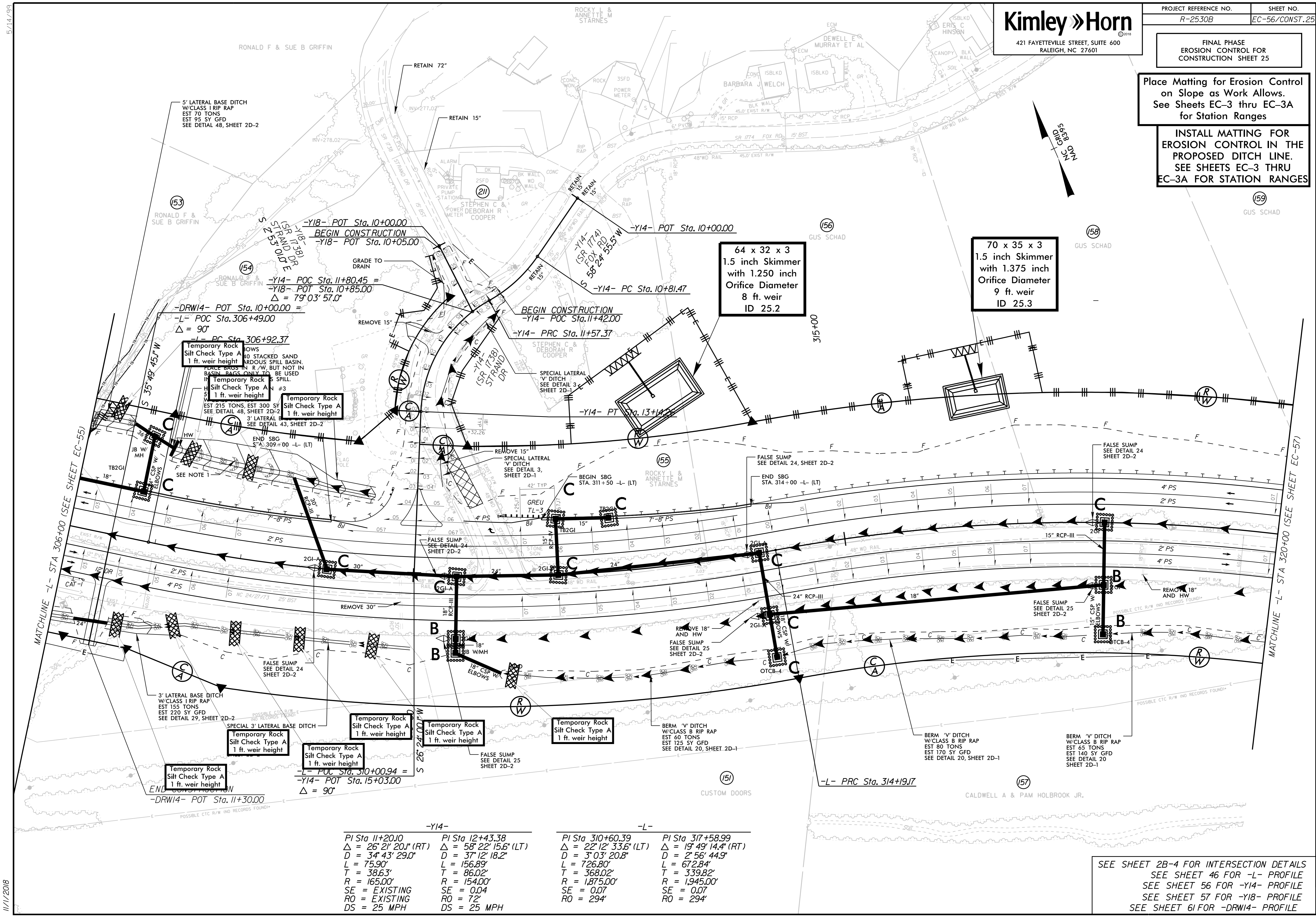
SEE SHEET 2B-3 FOR INTERSECTION DETAILS  
SEE SHEET 44 FOR -L- PROFILE  
SEE SHEET 54 FOR -Y13- PROFILE

5/14/99

FINAL PHASE  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 25

Place Matting for Erosion Control  
 on Slope as Work Allows.  
 See Sheets EC-3 thru EC-3A  
 for Station Ranges

INSTALL MATTING FOR  
 EROSION CONTROL IN THE  
 PROPOSED DITCH LINE.  
 SEE SHEETS EC-3 THRU  
 EC-3A FOR STATION RANGES



64 x 32 x 3  
 1.5 inch Skimmer  
 with 1.250 inch  
 Orifice Diameter  
 8 ft. weir  
 ID 25.2

70 x 35 x 3  
 1.5 inch Skimmer  
 with 1.375 inch  
 Orifice Diameter  
 9 ft. weir  
 ID 25.3

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height  
 EST 215 TONS EST 300 SY  
 SEE DETAIL 48, SHEET 2D-2

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height  
 EST 220 TONS  
 SEE DETAIL 29, SHEET 2D-2

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height

Temporary Rock  
 Silt Check Type A  
 1 ft. weir height

-Y14-		-L-	
PI Sta 11+20.10	PI Sta 12+43.38	PI Sta 310+60.39	PI Sta 317+58.99
$\Delta = 26' 21'' 20.1''$ (RT)	$\Delta = 58' 22'' 15.6''$ (LT)	$\Delta = 22' 12'' 33.6''$ (LT)	$\Delta = 19' 49'' 14.4''$ (RT)
D = 34' 43' 29.0"	D = 37' 12' 18.2"	D = 3' 03' 20.8"	D = 2' 56' 44.9"
L = 75.90'	L = 156.89'	L = 726.80'	L = 672.84'
T = 38.63'	T = 86.02'	T = 368.02'	T = 339.82'
R = 165.00'	R = 154.00'	R = 1,875.00'	R = 1,945.00'
SE = EXISTING	SE = 0.04	SE = 0.07	SE = 0.07
RO = EXISTING	RO = 72	RO = 294'	RO = 294'
DS = 25 MPH	DS = 25 MPH		

SEE SHEET 2B-4 FOR INTERSECTION DETAILS  
 SEE SHEET 46 FOR -L- PROFILE  
 SEE SHEET 56 FOR -Y14- PROFILE  
 SEE SHEET 57 FOR -Y18- PROFILE  
 SEE SHEET 61 FOR -DRW14- PROFILE

11/1/2018

5/14/99

- 158 GUS SCHAD  
DB 712 PG 262  
PB 15 PG 24
- 162 JEAN ANN STOLLERY ESTATE  
DB 373 PG 257  
PB 5 PG 105  
DB 758 PG 825
- 163 PROGRESS ENERGY  
CAROLINAS, INC.  
PB 15 PG 25

**Kimley»Horn**  
421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, NC 27601

PROJECT REFERENCE NO. R-2530B  
SHEET NO. EC-57/CONST. 26

FINAL PHASE  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 26

Place Matting for Erosion Control  
on Slope as Work Allows.  
See Sheets EC-3 thru EC-3A  
for Station Ranges

INSTALL MATTING FOR  
EROSION CONTROL IN THE  
PROPOSED DITCH LINE.  
SEE SHEETS EC-3 THRU  
EC-3A FOR STATION RANGES

46 x 23 x 3  
1.5 inch Skimmer  
with 0.875 inch  
Orifice Diameter  
4 ft. weir  
ID 26.2

Temporary Rock  
Silt Check Type A  
1 ft. weir height

Temporary Rock  
Silt Check Type A  
1 ft. weir height

Temporary Rock  
Silt Check Type A  
1 ft. weir height

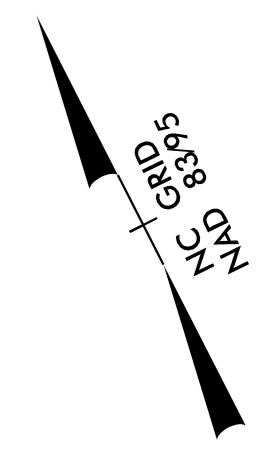
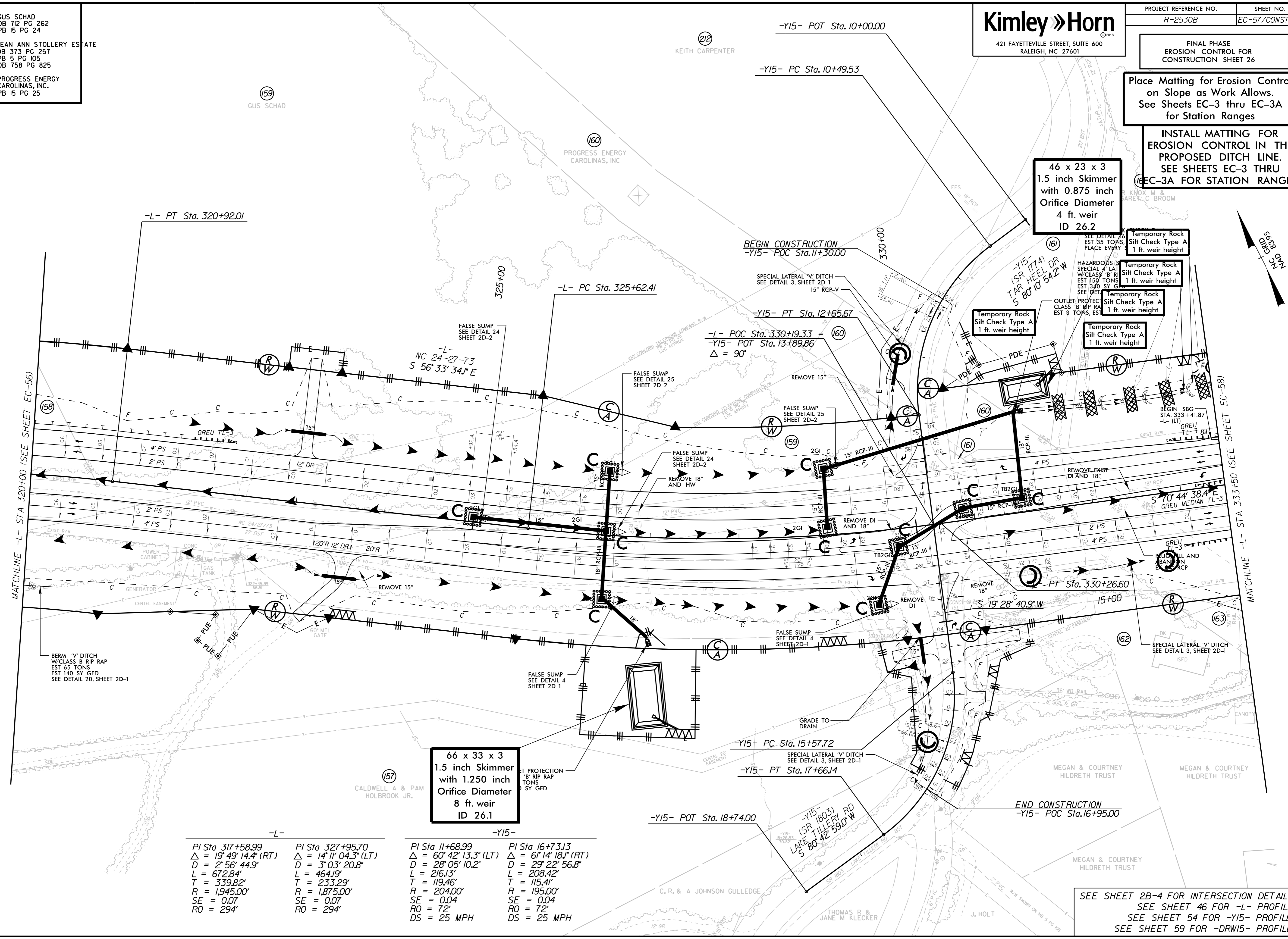
Temporary Rock  
Silt Check Type A  
1 ft. weir height

66 x 33 x 3  
1.5 inch Skimmer  
with 1.250 inch  
Orifice Diameter  
8 ft. weir  
ID 26.1

-L-		-Y15-	
PI Sta 317+58.99	PI Sta 327+95.70	PI Sta 11+68.99	PI Sta 16+73.13
$\Delta = 19^{\circ} 49' 14.4''$ (RT)	$\Delta = 14^{\circ} 11' 04.3''$ (LT)	$\Delta = 60^{\circ} 42' 13.3''$ (LT)	$\Delta = 61^{\circ} 14' 18.1''$ (RT)
D = 2' 56' 44.9"	D = 3' 03' 20.8"	D = 28' 05' 10.2"	D = 29' 22' 56.8"
L = 672.84'	L = 464.19'	L = 216.13'	L = 208.42'
T = 339.82'	T = 233.29'	T = 119.46'	T = 115.41'
R = 1,945.00'	R = 1,875.00'	R = 204.00'	R = 195.00'
SE = 0.07	SE = 0.07	SE = 0.04	SE = 0.04
RO = 294'	RO = 294'	RO = 72'	RO = 72'
		DS = 25 MPH	DS = 25 MPH

SEE SHEET 2B-4 FOR INTERSECTION DETAILS  
SEE SHEET 46 FOR -L- PROFILE  
SEE SHEET 54 FOR -Y15- PROFILE  
SEE SHEET 59 FOR -DRW15- PROFILE

11/1/2018



5/14/99

11/1/2018

(162) JEAN ANN STOLLERY  
DB 758 PG 825  
PB 05 PG 105

(169) CHARLES R MANESS  
DB 236 PG 496

(163) PROGRESS ENERGY CAROLINAS, INC  
PB 15 PG 25

(170) VICKIE LYNN SAUNDERS  
DB 210 PG 563  
DB 241 PG 841

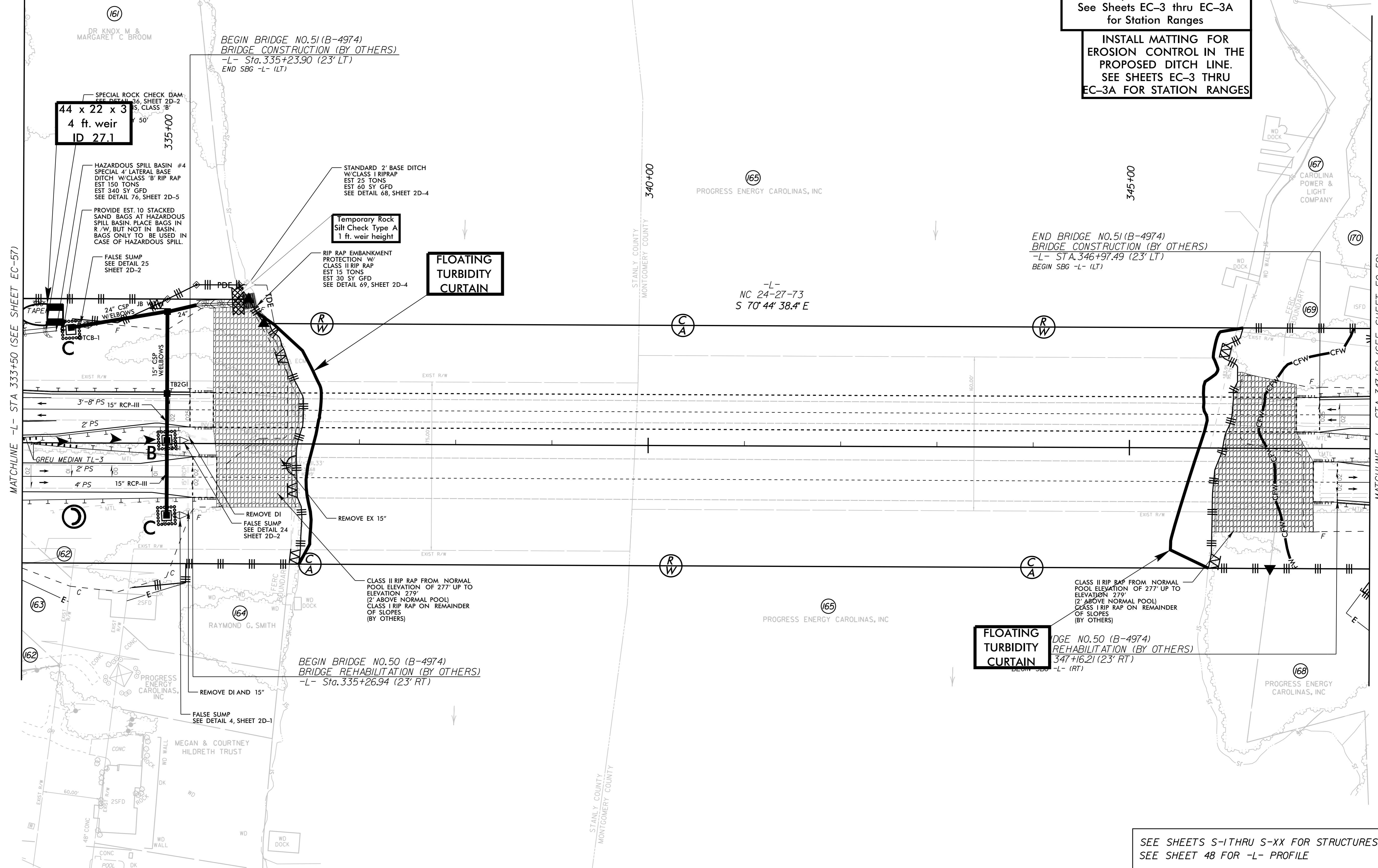
**Kimley Horn**  
421 FAYETTEVILLE STREET, SUITE 600  
RALEIGH, NC 27601

PROJECT REFERENCE NO. R-2530B  
SHEET NO. EC-58/CONST. 27

FINAL PHASE  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 27

Place Matting for Erosion Control  
on Slope as Work Allows.  
See Sheets EC-3 thru EC-3A  
for Station Ranges

INSTALL MATTING FOR  
EROSION CONTROL IN THE  
PROPOSED DITCH LINE.  
SEE SHEETS EC-3 THRU  
EC-3A FOR STATION RANGES



44 x 22 x 3  
4 ft. weir  
ID 27.1

HAZARDOUS SPILL BASIN #4  
SPECIAL 4' LATERAL BASE  
DITCH W/CLASS 'B' RIP RAP  
EST 150 TONS  
EST 340 SY GFD  
SEE DETAIL 76, SHEET 2D-5

PROVIDE EST. 10 STACKED  
SAND BAGS AT HAZARDOUS  
SPILL BASIN. PLACE BAGS IN  
R/W, BUT NOT IN BASIN.  
BAGS ONLY TO BE USED IN  
CASE OF HAZARDOUS SPILL.

FALSE SUMP  
SEE DETAIL 25  
SHEET 2D-2

Temporary Rock  
Silt Check Type A  
1 ft. weir height

FLOATING  
TURBIDITY  
CURTAIN

FLOATING  
TURBIDITY  
CURTAIN

BEGIN BRIDGE NO.51 (B-4974)  
BRIDGE CONSTRUCTION (BY OTHERS)  
-L- Sta. 335+23.90 (23' LT)  
END SBG -L- (LT)

END BRIDGE NO.51 (B-4974)  
BRIDGE CONSTRUCTION (BY OTHERS)  
-L- STA. 346+97.49 (23' LT)  
BEGIN SBG -L- (LT)

BEGIN BRIDGE NO.50 (B-4974)  
BRIDGE REHABILITATION (BY OTHERS)  
-L- Sta. 335+26.94 (23' RT)

DGE NO.50 (B-4974)  
REHABILITATION (BY OTHERS)  
347+16.21 (23' RT)  
BEGIN SBG -L- (RT)

SEE SHEETS S-I THRU S-XX FOR STRUCTURES PLANS  
SEE SHEET 48 FOR -L- PROFILE