

PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-23/CONST.23
R/W SHEET NO. 24	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

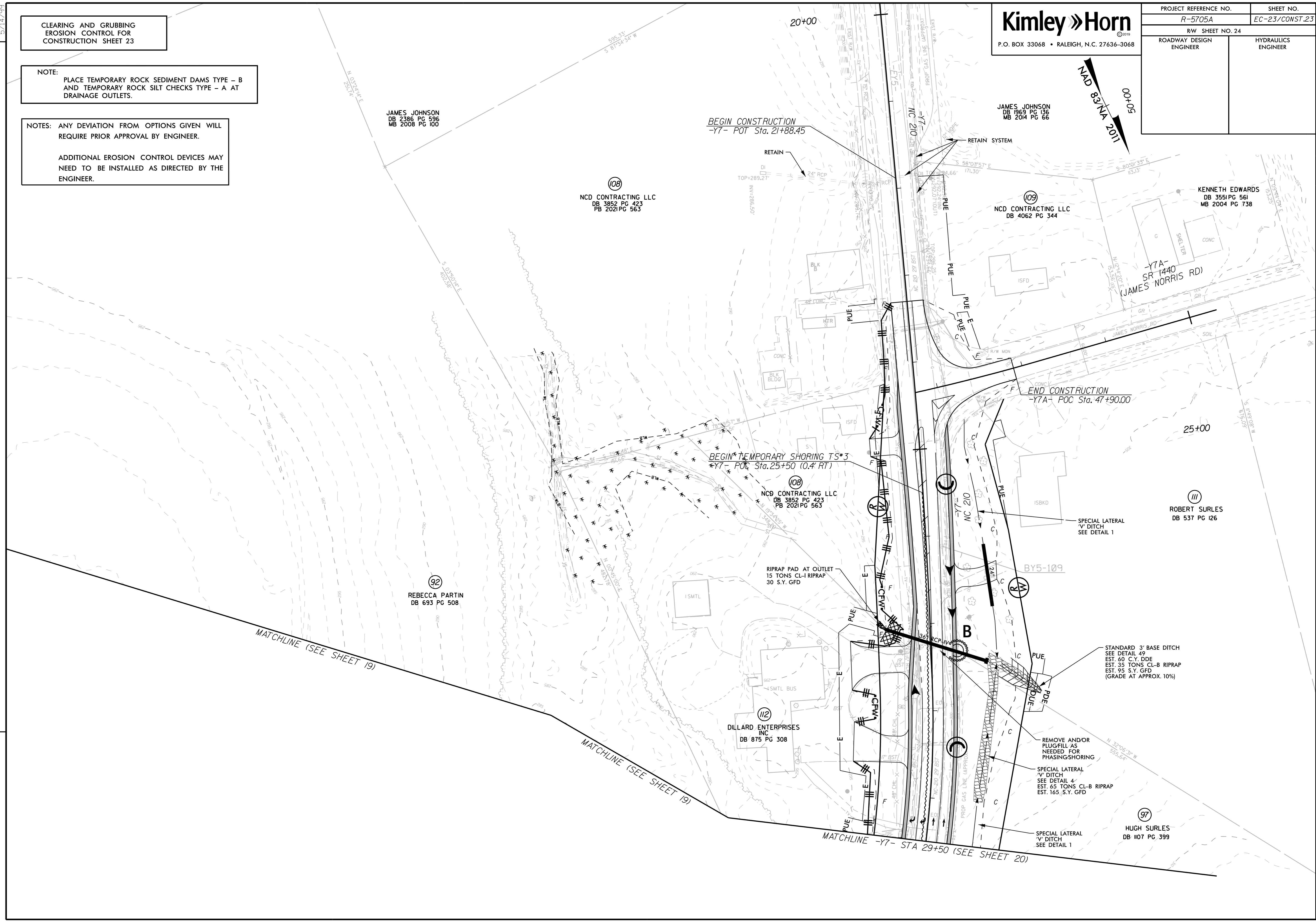
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 23

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

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY
NEED TO BE INSTALLED AS DIRECTED BY THE
ENGINEER.

REVISIONS



STANDARD 3' BASE DITCH
SEE DETAIL 49
EST. 60 C.Y. DDE
EST. 35 TONS CL-B RIPRAP
EST. 95 S.Y. GFD
(GRADE AT APPROX. 10%)

REMOVE AND/OR
PLUG/FILL AS
NEEDED FOR
PHASING SHORING

SPECIAL LATERAL
"V" DITCH
SEE DETAIL 4
EST. 65 TONS CL-B RIPRAP
EST. 165 S.Y. GFD

SPECIAL LATERAL
"V" DITCH
SEE DETAIL 1

108
NCD CONTRACTING LLC
DB 3852 PG 423
PB 2021 PG 563

109
NCD CONTRACTING LLC
DB 4062 PG 344

108
NCD CONTRACTING LLC
DB 3852 PG 423
PB 2021 PG 563

92
REBECCA PARTIN
DB 693 PG 508

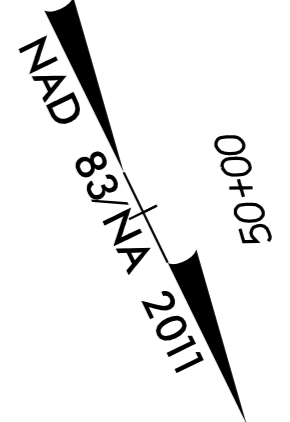
112
DILLARD ENTERPRISES
INC
DB 875 PG 308

111
ROBERT SURLLES
DB 537 PG 126

97
HUGH SURLLES
DB 1107 PG 399

KENNETH EDWARDS
DB 3551 PG 561
MB 2004 PG 738

-Y7A-
SR 1440
(JAMES NORRIS RD)



MATCHLINE (SEE SHEET 19)

MATCHLINE (SEE SHEET 19)

MATCHLINE -Y7- STA 29+50 (SEE SHEET 20)

5/14/99

FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY
NEED TO BE INSTALLED AS DIRECTED BY THE
ENGINEER.

PROJECT REFERENCE NO. R-5705A		SHEET NO. EC-24/CONST.4	
RW SHEET NO. 4			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

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NAD 83/NA 2011

VAN COATS
DB 3459 PG 434
PB 2016 PG 364

(1A)
JAMES JOHNSON
DB 615 PG 21
PB 2016 PG 364

(1)
JAMES JOHNSON
DB 731 PG 732

(3)
TONY WARREN
DB 3271 PG 355

(5)
DANNY HEDGEPEETH
DB 926 PG 126
PC E PG 76A

(4)
HOWARD BRIDGES
DB 1754 PG 517

BEGIN CONSTRUCTION
-L- POT Sta. 12+60.83

BEGIN TIP PROJECT R-5705A
-L- POT Sta. 15+58.00

BEGIN TEMPORARY SHORING TS*1
-L- POC Sta. 24+07 (0.8' LT)
BEGIN TEMPORARY SHORING TS*2
-L- POC Sta. 24+11 (16.5' RT)

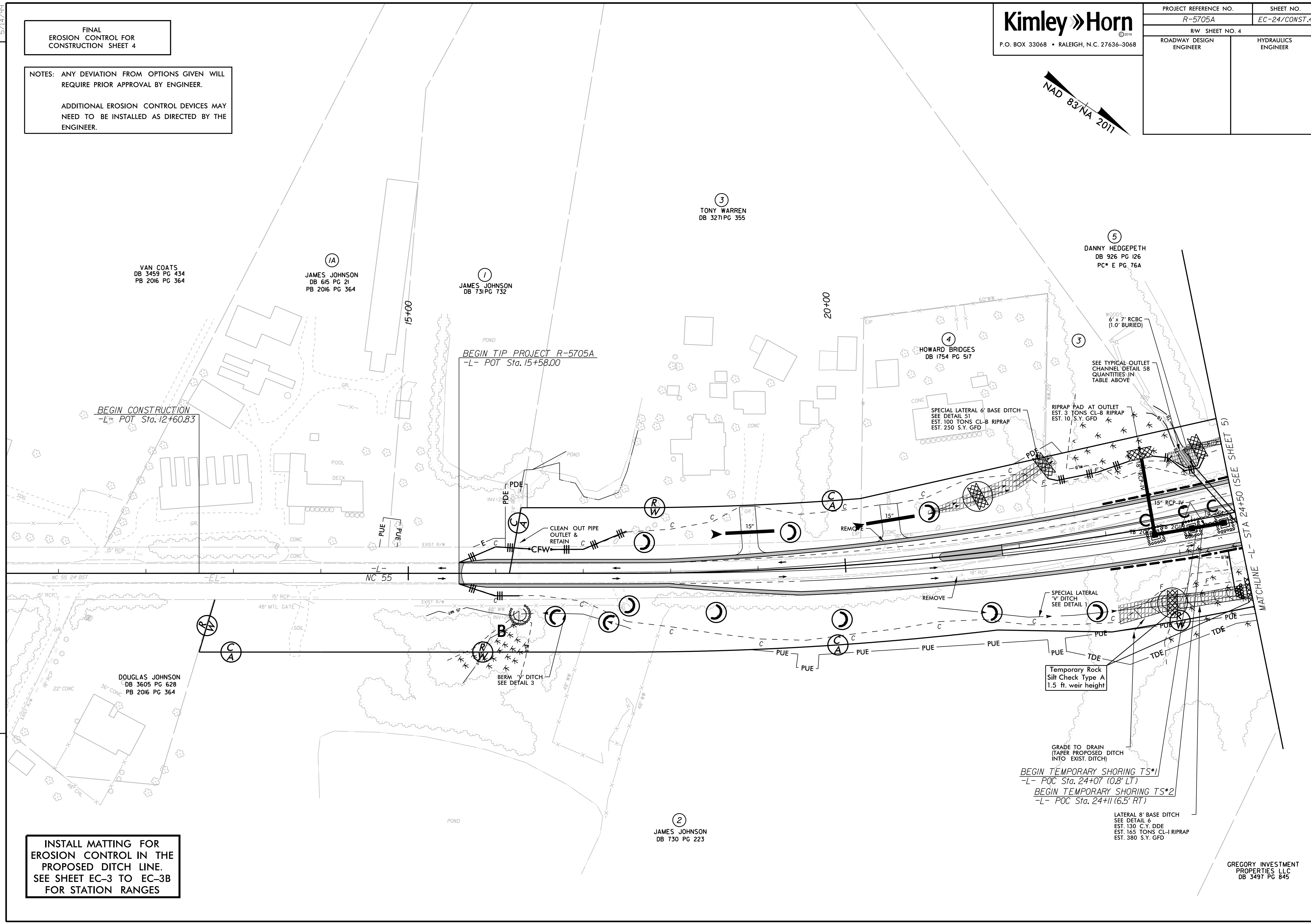
INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

(2)
JAMES JOHNSON
DB 730 PG 223

LATERAL 8" BASE DITCH
SEE DETAIL 6
EST. 130 C.Y. DDE
EST. 165 TONS CL-I RIPRAP
EST. 380 S.Y. GFD

GREGORY INVESTMENT
PROPERTIES LLC
DB 3497 PG 845

REVISIONS



5/14/99

**FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 5**

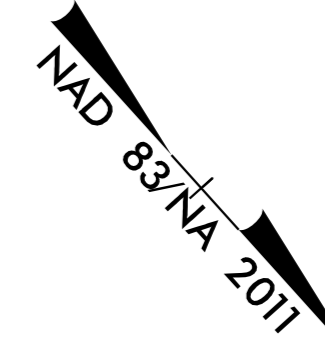
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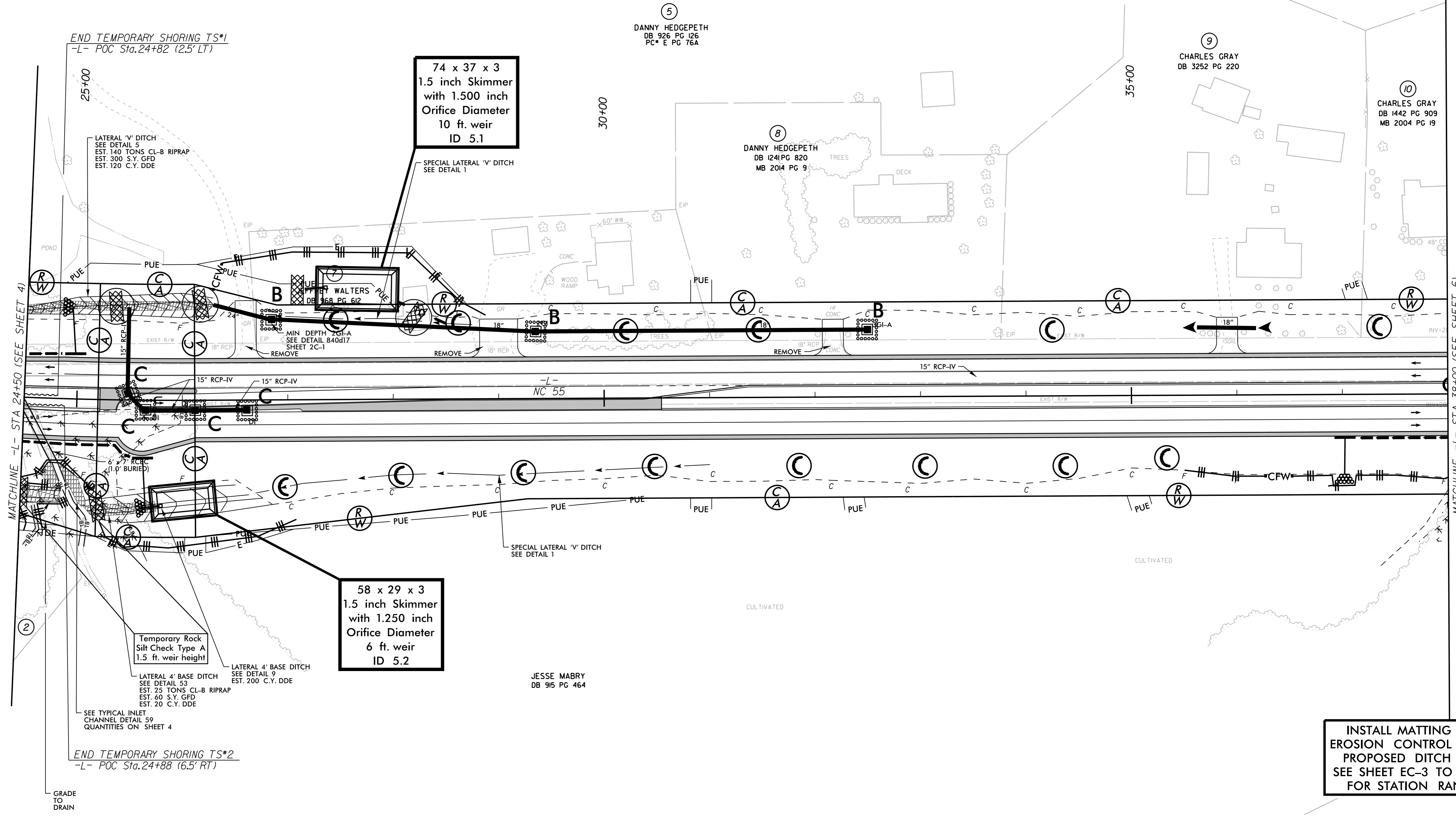
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PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-25/CONST.5
RW SHEET NO. 5 ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



REVISIONS



END TEMPORARY SHORING TS*1
-L- POC Sta.24+82 (2.5' LT)

LATERAL V' DITCH
SEE DETAIL 5
EST. 140 TONS CL-B RIPRAP
EST. 300 S.Y. GFD
EST. 120 C.Y. DDE

**74 x 37 x 3
1.5 inch Skimmer
with 1.500 inch
Orifice Diameter
10 ft. weir
ID 5.1**

SPECIAL LATERAL V' DITCH
SEE DETAIL 1

**58 x 29 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
6 ft. weir
ID 5.2**

Temporary Rock
Silt Check Type A
1.5 ft. weir height

LATERAL 4' BASE DITCH
SEE DETAIL 53
EST. 25 TONS CL-B RIPRAP
EST. 60 S.Y. GFD
EST. 20 C.Y. DDE

LATERAL 4' BASE DITCH
SEE DETAIL 9
EST. 200 C.Y. DDE

SEE TYPICAL INLET
CHANNEL DETAIL 59
QUANTITIES ON SHEET 4

END TEMPORARY SHORING TS*2
-L- POC Sta.24+88 (6.5' RT)

GRADE
TO
DRAIN

**INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES**

5/14/99

FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 6

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
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NEED TO BE INSTALLED AS DIRECTED BY THE
ENGINEER.

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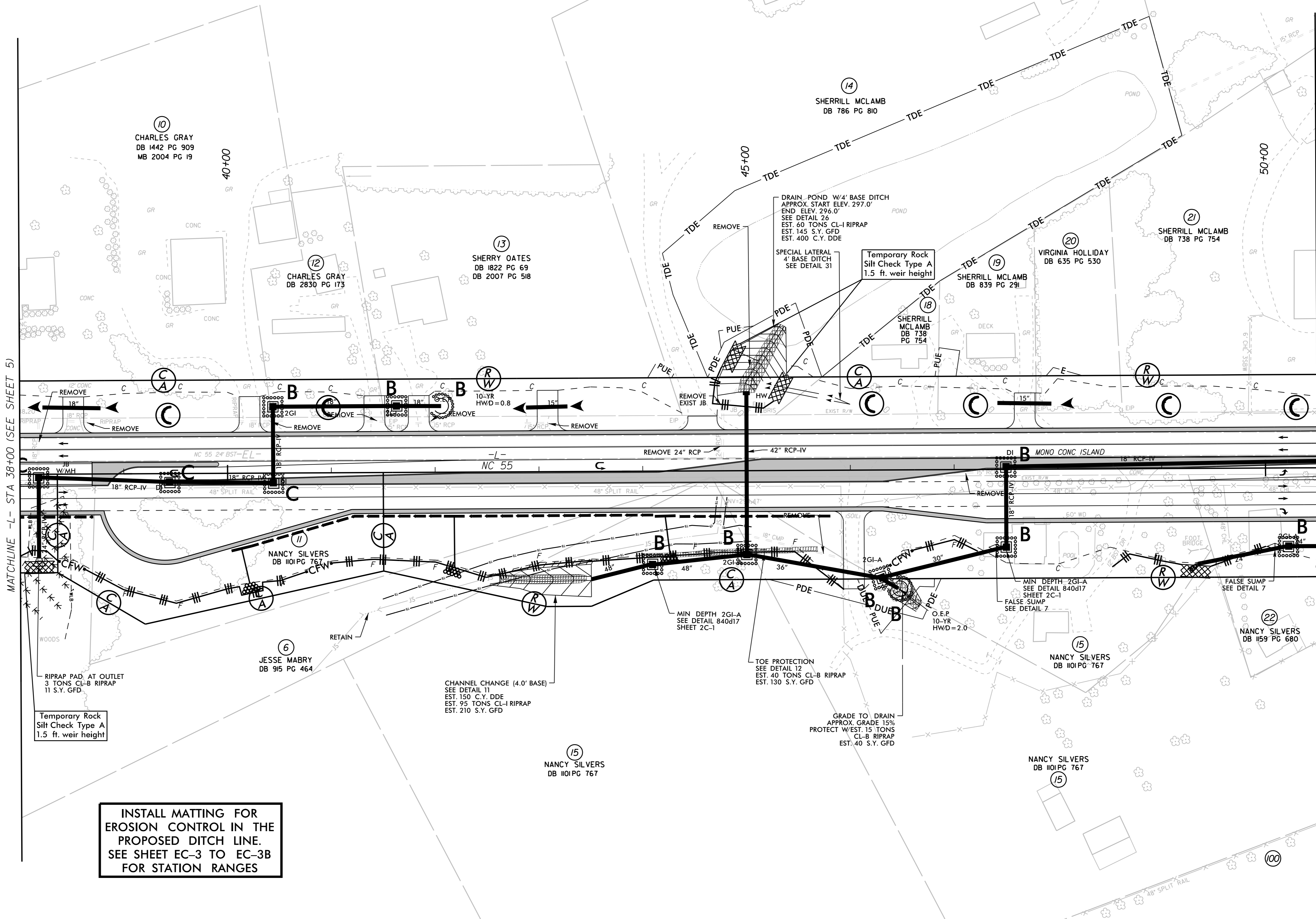
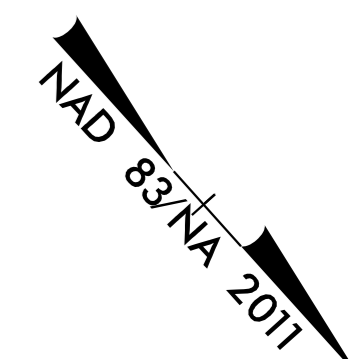
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PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-26/CONST.6
RW SHEET NO. 6	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS

MATCHLINE -L- STA 38+00 (SEE SHEET 5)

MATCHLINE -L- STA 50+50 (SEE SHEET 7)



RIPRAP PAD AT OUTLET
3 TONS CL-B RIPRAP
11 S.Y. GFD

Temporary Rock
Silt Check Type A
1.5 ft. weir height

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

10 CHARLES GRAY
DB 1442 PG 909
MB 2004 PG 19

12 CHARLES GRAY
DB 2830 PG 173

13 SHERRY OATES
DB 1822 PG 69
DB 2007 PG 518

14 SHERRILL MCLAMB
DB 786 PG 810

20 VIRGINIA HOLLIDAY
DB 635 PG 530

19 SHERRILL MCLAMB
DB 839 PG 291

SHERRILL MCLAMB
DB 738 PG 754

6 JESSE MABRY
DB 915 PG 464

CHANNEL CHANGE (4.0' BASE)
SEE DETAIL 11
EST. 150 C.Y. DDE
EST. 95 TONS CL-I RIPRAP
EST. 210 S.Y. GFD

15 NANCY SILVERS
DB 1101 PG 767

15 NANCY SILVERS
DB 1101 PG 767

22 NANCY SILVERS
DB 1159 PG 680

TOE PROTECTION
SEE DETAIL 12
EST. 40 TONS CL-B RIPRAP
EST. 130 S.Y. GFD

GRADE TO DRAIN
APPROX. GRADE 15%
PROTECT W/EST. 15 TONS
CL-B RIPRAP
EST. 40 S.Y. GFD

MIN. DEPTH 2GI-A
SEE DETAIL 840d17
SHEET 2C-1
FALSE SUMP
SEE DETAIL 7

MIN. DEPTH 2GI-A
SEE DETAIL 840d17
SHEET 2C-1

DRAIN POND W/4' BASE DITCH
APPROX. START ELEV. 297.0'
END ELEV. 296.0'
SEE DETAIL 26
EST. 60 TONS CL-I RIPRAP
EST. 145 S.Y. GFD
EST. 400 C.Y. DDE

SPECIAL LATERAL
4' BASE DITCH
SEE DETAIL 31

Temporary Rock
Silt Check Type A
1.5 ft. weir height

FALSE SUMP
SEE DETAIL 7

REMOVE 18\"/>

REMOVE 18\"/>

REMOVE 18\"/>

REMOVE 24\"/>

REMOVE EXIST JB
REMOVE EXIST R/W

REMOVE 15\"/>

REMOVE 15\"/>

REMOVE 18\"/>

REMOVE 18\"/>

REMOVE 18\"/>

REMOVE 24\"/>

REMOVE EXIST JB
REMOVE EXIST R/W

REMOVE 15\"/>

REMOVE 15\"/>

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REMOVE 18\"/>

REMOVE 24\"/>

REMOVE EXIST JB
REMOVE EXIST R/W

REMOVE 15\"/>

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REMOVE 18\"/>

REMOVE 24\"/>

REMOVE EXIST JB
REMOVE EXIST R/W

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REMOVE EXIST JB
REMOVE EXIST R/W

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REMOVE EXIST JB
REMOVE EXIST R/W

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REMOVE 24\"/>

REMOVE EXIST JB
REMOVE EXIST R/W

REMOVE 15\"/>

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REMOVE EXIST JB
REMOVE EXIST R/W

REMOVE 15\"/>

REMOVE 15\"/>

5/14/99

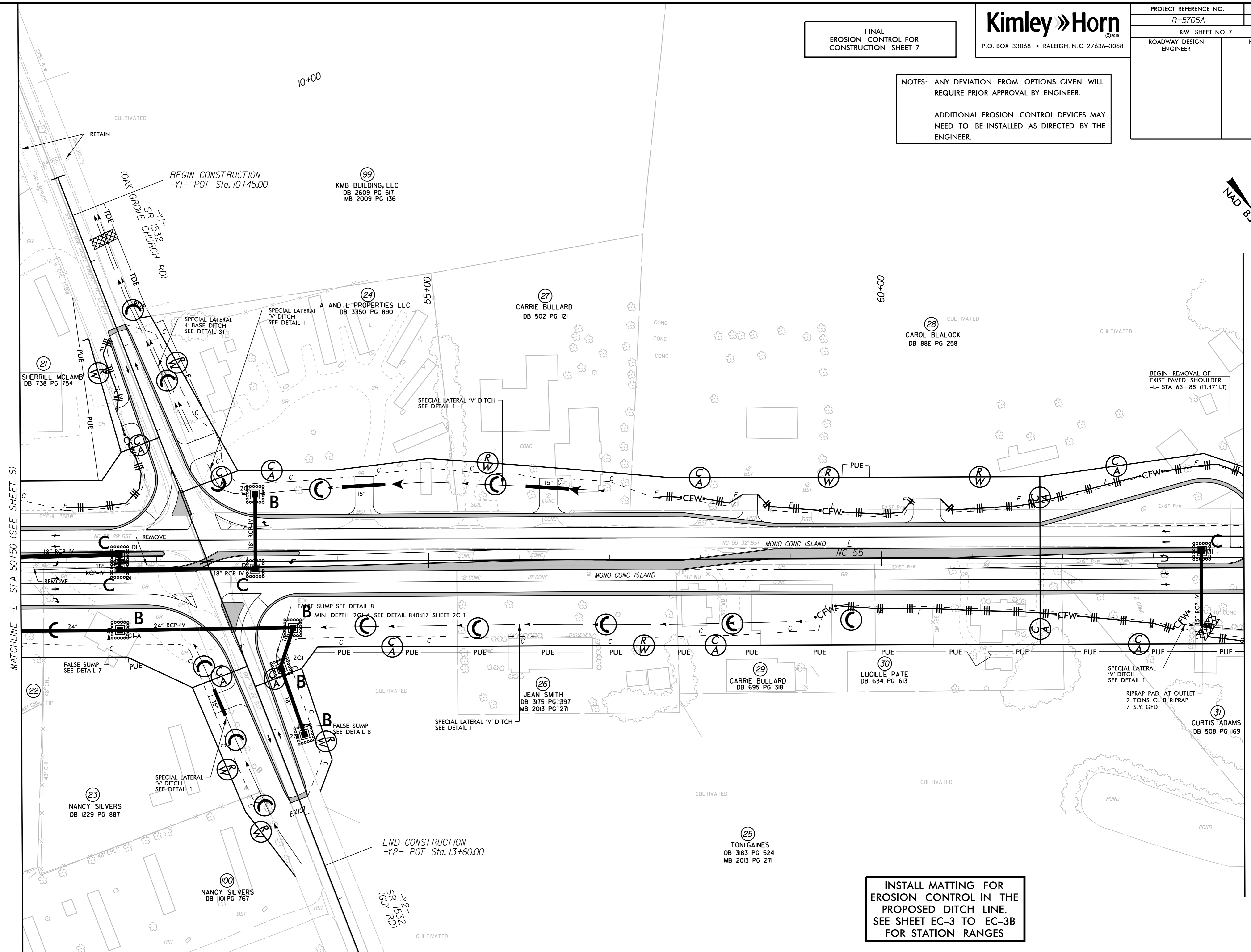
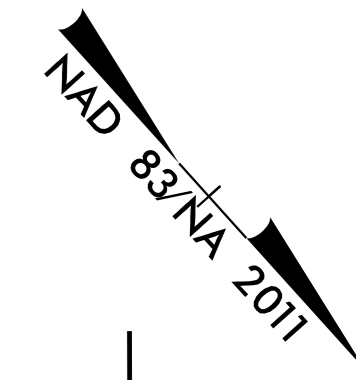
REVISIONS

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 7

PROJECT REFERENCE NO. R-5705A		SHEET NO. EC-27/CONST.7	
RW SHEET NO. 7			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.



INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE. SEE SHEET EC-3 TO EC-3B FOR STATION RANGES

MATCHLINE -L- STA 64+00 (SEE SHEET 8)

MATCHLINE -L- STA 50+50 (SEE SHEET 6)

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FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 8

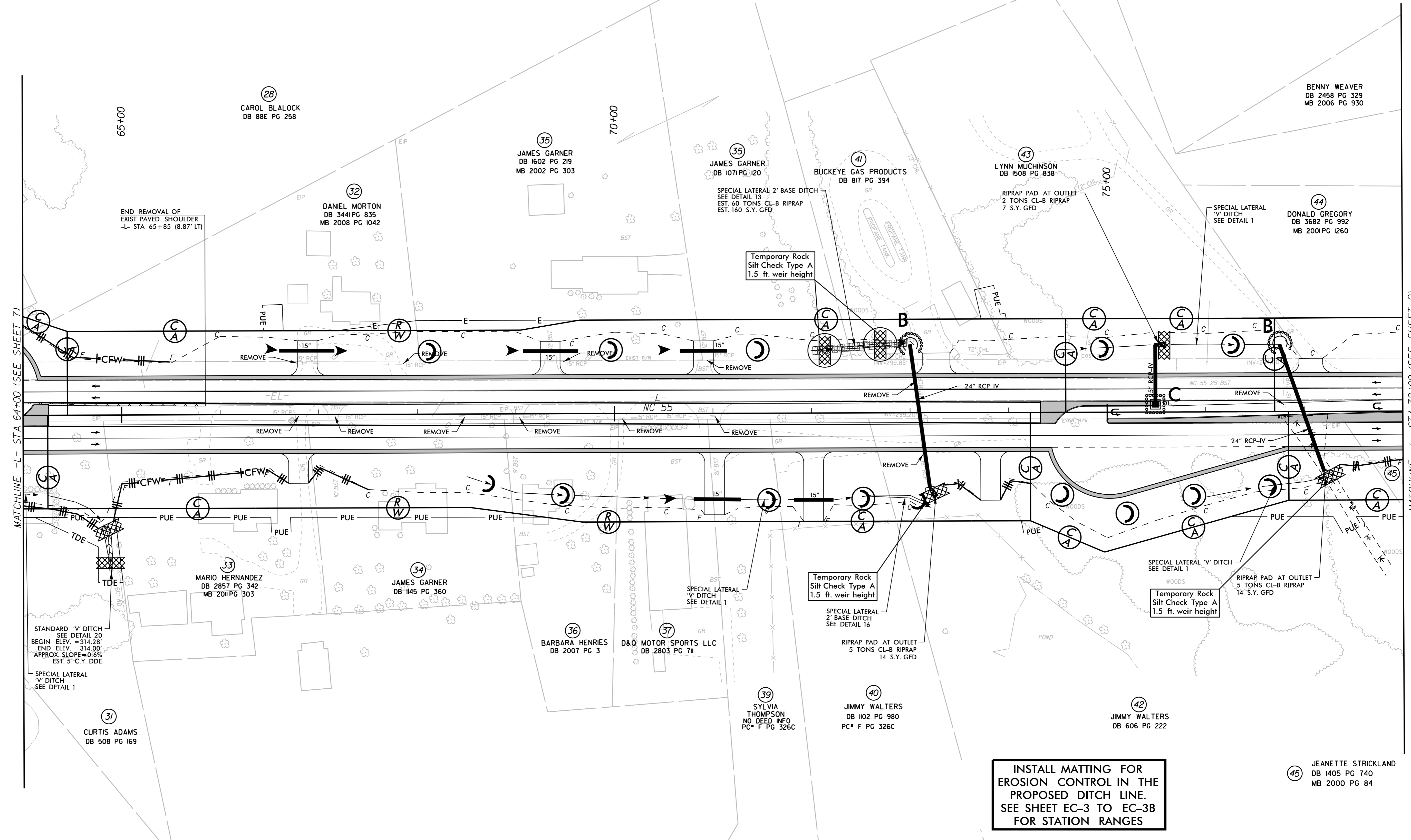
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Kimley » Horn
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PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-28/CONST.8
RW SHEET NO. 8 ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NAD 83/NA 2011



REVISIONS

MATCHLINE -L- STA 64+00 (SEE SHEET 7)

MATCHLINE -L- STA 78+00 (SEE SHEET 9)

STANDARD 'V' DITCH
SEE DETAIL 20
BEGIN ELEV. = 314.28'
END ELEV. = 314.00'
APPROX. SLOPE = 0.6%
EST. 5 C.Y. DDE

SPECIAL LATERAL
'V' DITCH
SEE DETAIL 1

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

45 JEANETTE STRICKLAND
DB 1405 PG 740
MB 2000 PG 84

FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 9

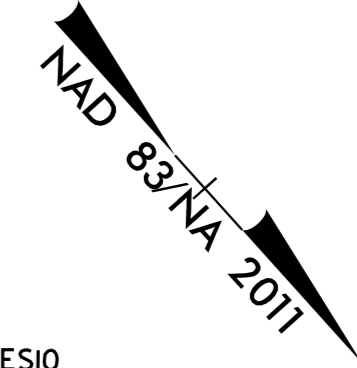
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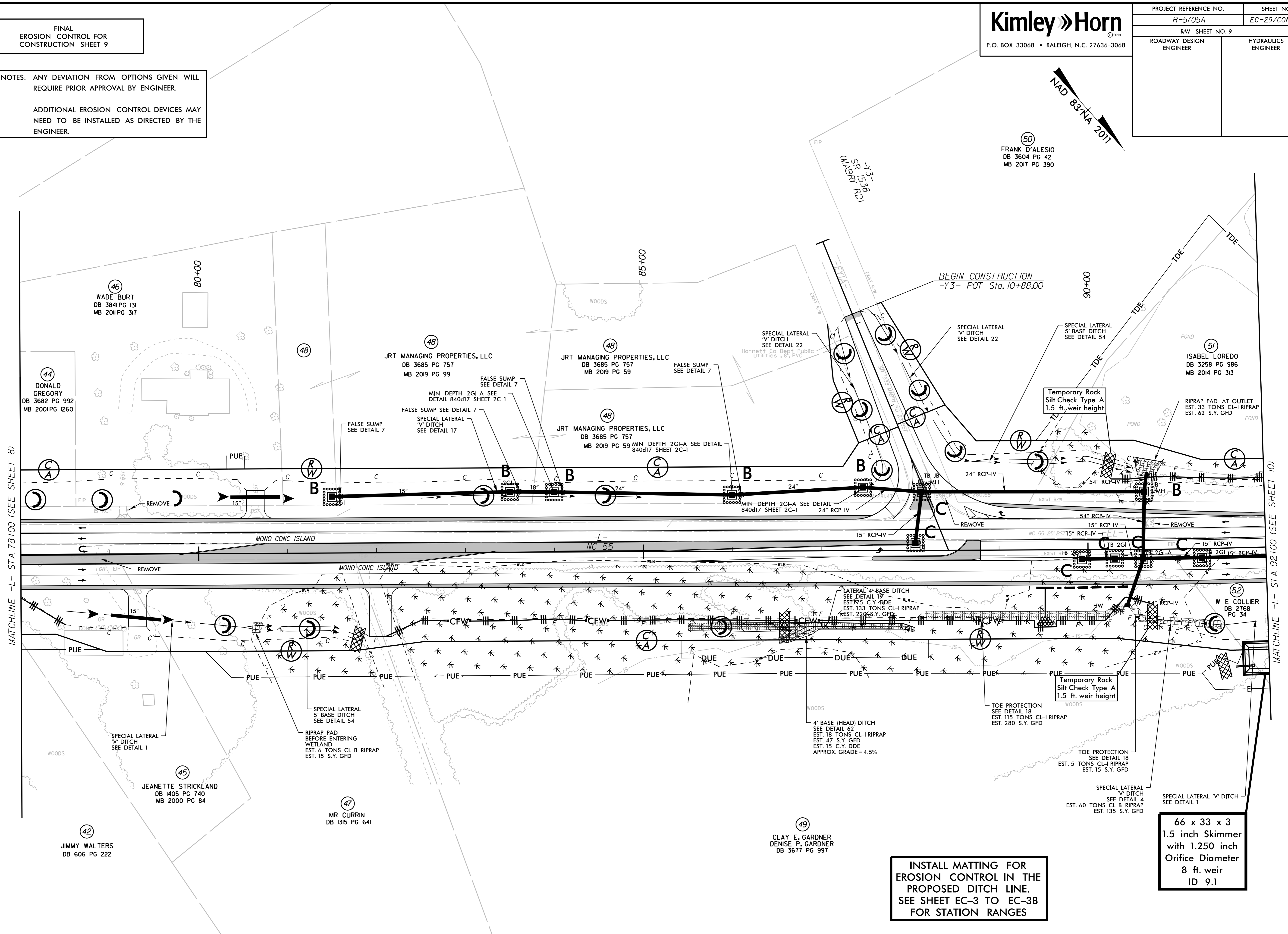
Kimley Horn

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PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-29/CONST.9
RW SHEET NO. 9 ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



50
FRANK D'ALESSIO
DB 3604 PG 42
MB 2017 PG 390



REVISIONS

MATCHLINE -L- STA 78+00 (SEE SHEET 8)

MATCHLINE -L- STA 92+00 (SEE SHEET 10)

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

66 x 33 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
8 ft. weir
ID 9.1

5/14/99

FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 10

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
REQUIRE PRIOR APPROVAL BY ENGINEER.

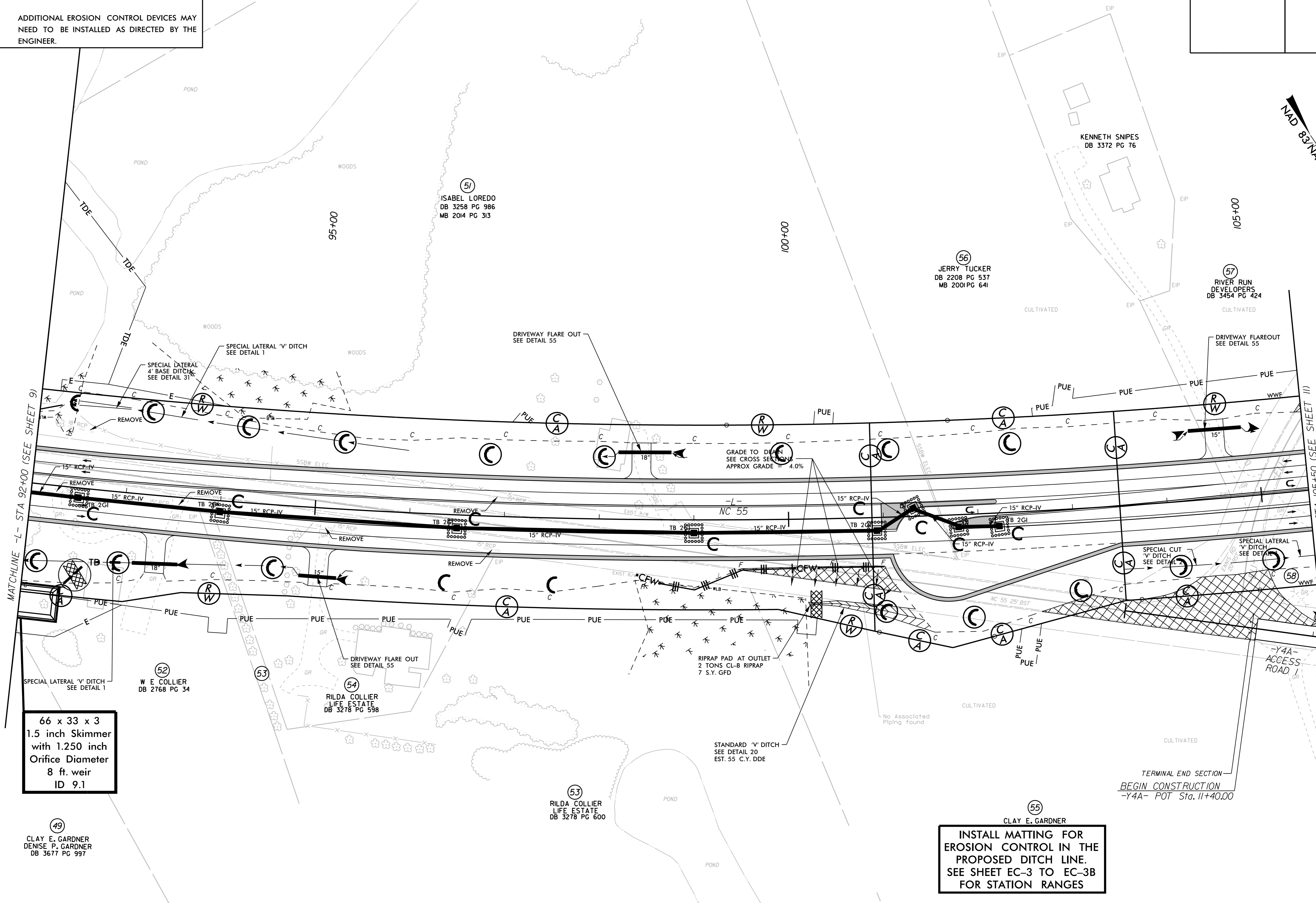
ADDITIONAL EROSION CONTROL DEVICES MAY
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ENGINEER.

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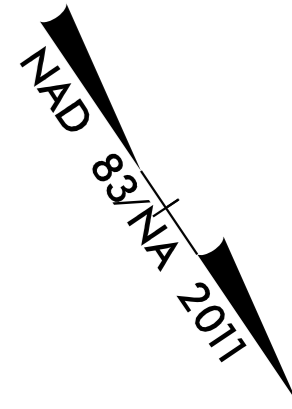
PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-30/CONST.10
RW SHEET NO. 10	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS



66 x 33 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
8 ft. weir
ID 9.1

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

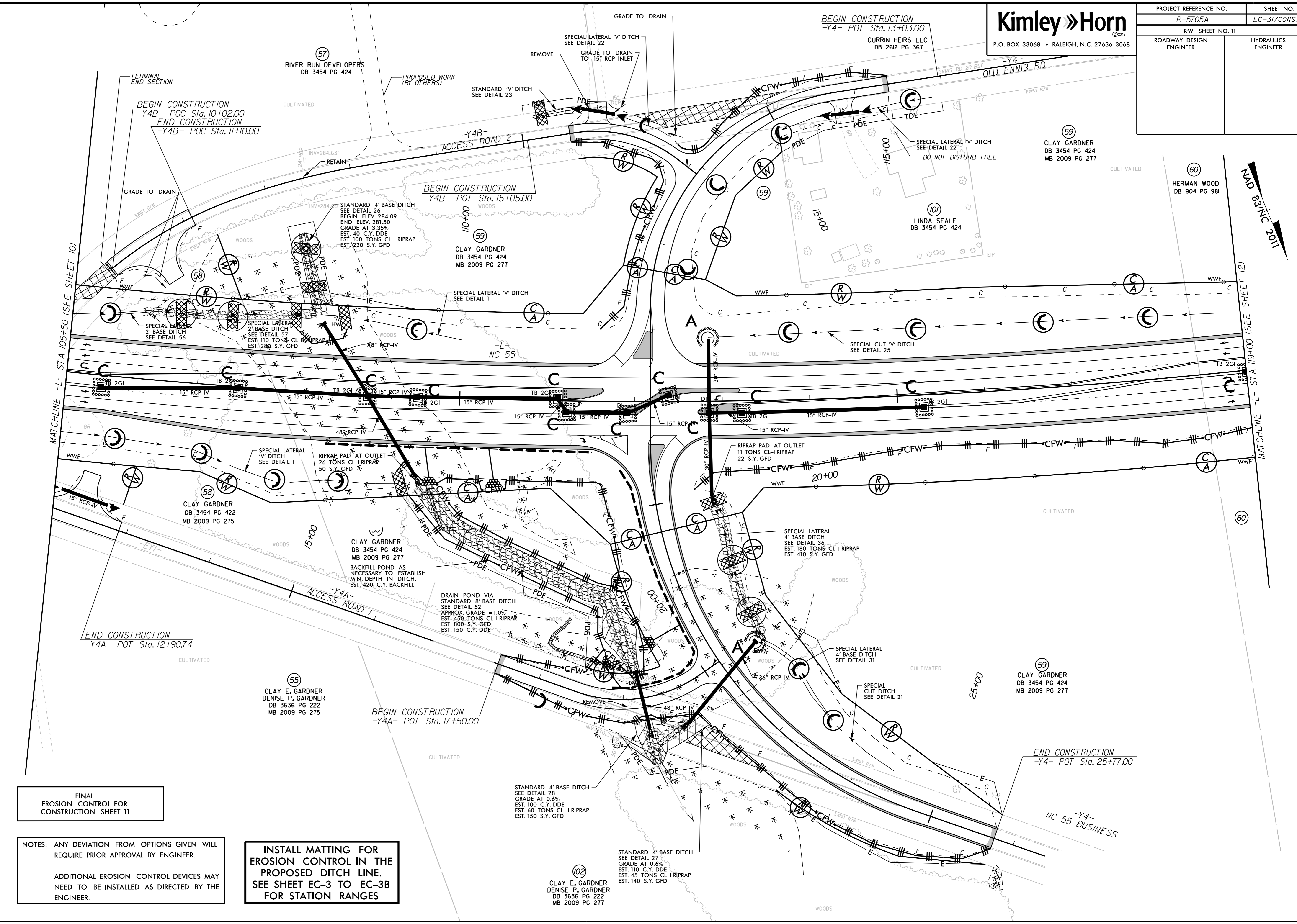


TERMINAL END SECTION
BEGIN CONSTRUCTION
-Y4A- POT Sta. 11+40.00

5/14/99

PROJECT REFERENCE NO.		SHEET NO.	
R-5705A		EC-31/CONST.II	
RW SHEET NO. 11			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

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REVISIONS

FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 11

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
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ADDITIONAL EROSION CONTROL DEVICES MAY
NEED TO BE INSTALLED AS DIRECTED BY THE
ENGINEER.

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

NAD 83/CNT 2011

MATCHLINE -L- STA 119+00 (SEE SHEET 12)

MATCHLINE -L- STA 105+50 (SEE SHEET 10)

BEGIN CONSTRUCTION
-Y4B- POC Sta. 10+02.00
END CONSTRUCTION
-Y4B- POC Sta. 11+10.00

BEGIN CONSTRUCTION
-Y4B- POT Sta. 15+05.00

BEGIN CONSTRUCTION
-Y4- POT Sta. 13+03.00

END CONSTRUCTION
-Y4A- POT Sta. 12+90.74

BEGIN CONSTRUCTION
-Y4A- POT Sta. 17+50.00

END CONSTRUCTION
-Y4- POT Sta. 25+77.00

57
RIVER RUN DEVELOPERS
DB 3454 PG 424

59
CLAY GARDNER
DB 3454 PG 424
MB 2009 PG 277

59
CLAY GARDNER
DB 3454 PG 424
MB 2009 PG 277

60
HERMAN WOOD
DB 904 PG 981

01
LINDA SEALE
DB 3454 PG 424

58
CLAY GARDNER
DB 3454 PG 422
MB 2009 PG 275

CLAY GARDNER
DB 3454 PG 424
MB 2009 PG 277

55
CLAY E. GARDNER
DENISE P. GARDNER
DB 3636 PG 222
MB 2009 PG 275

59
CLAY GARDNER
DB 3454 PG 424
MB 2009 PG 277

02
CLAY E. GARDNER
DENISE P. GARDNER
DB 3636 PG 222
MB 2009 PG 277

5/14/99

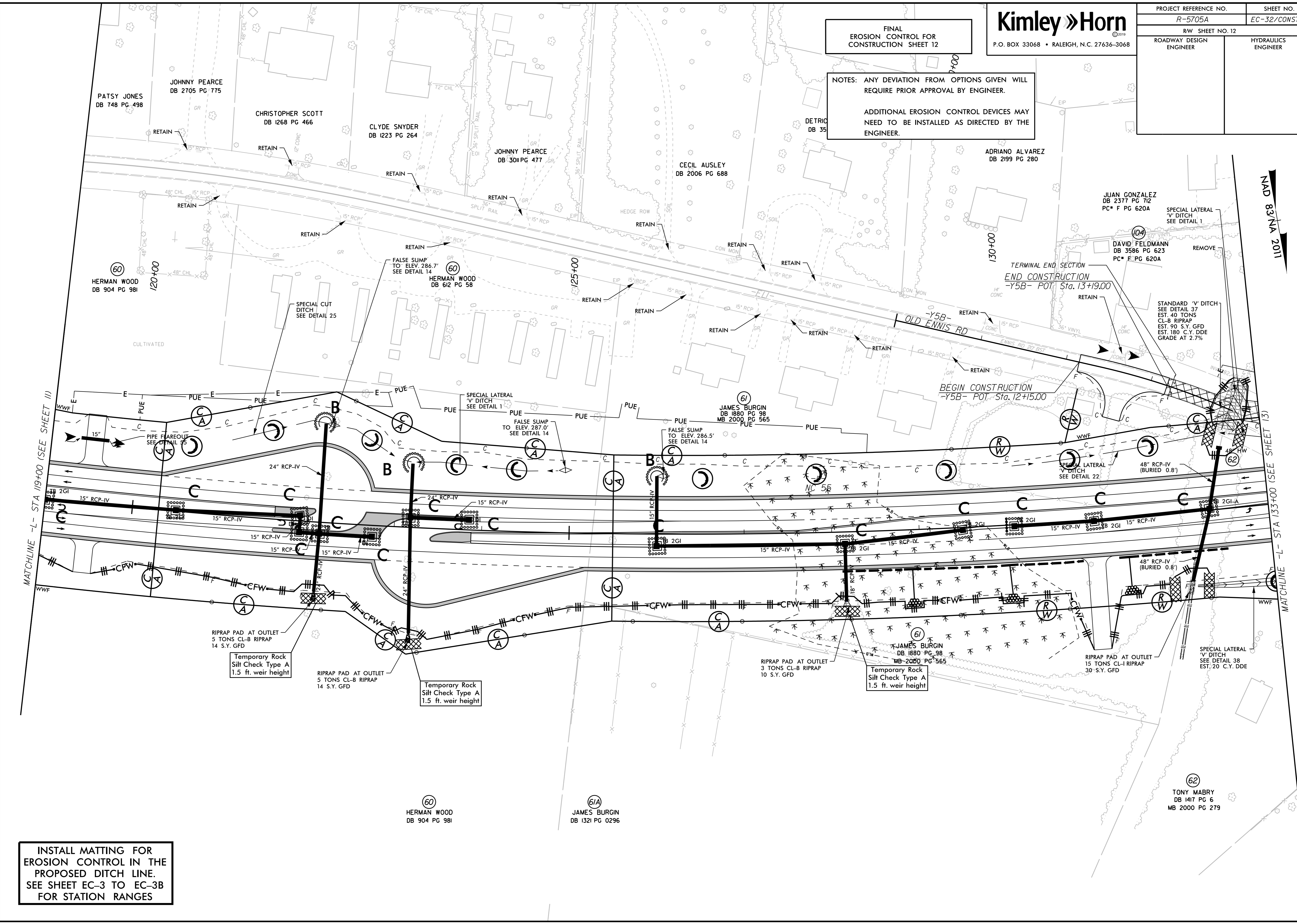
REVISIONS

PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-32/CONST.12
RW SHEET NO. 12	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 12**

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.



INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE. SEE SHEET EC-3 TO EC-3B FOR STATION RANGES

NAD 83/NA 2011

MATCHLINE -L- STA 119+00 (SEE SHEET 11)

MATCHLINE -L- STA 133+00 (SEE SHEET 13)

60 HERMAN WOOD DB 904 PG 981

61A JAMES BURGIN DB 1321 PG 0296

62 TONY MABRY DB 1417 PG 6 MB 2000 PG 279

Temporary Rock Silt Check Type A 1.5 ft. weir height

Temporary Rock Silt Check Type A 1.5 ft. weir height

Temporary Rock Silt Check Type A 1.5 ft. weir height

RIPRAP PAD AT OUTLET 3 TONS CL-B RIPRAP 10 S.Y. GFD

RIPRAP PAD AT OUTLET 15 TONS CL-I RIPRAP 30 S.Y. GFD

RIPRAP PAD AT OUTLET 5 TONS CL-B RIPRAP 14 S.Y. GFD

RIPRAP PAD AT OUTLET 5 TONS CL-B RIPRAP 14 S.Y. GFD

RIPRAP PAD AT OUTLET 15 TONS CL-I RIPRAP 30 S.Y. GFD

SPECIAL LATERAL V DITCH SEE DETAIL 38 EST. 20 C.Y. DDE

STANDARD V DITCH SEE DETAIL 37 EST. 40 TONS CL-B RIPRAP EST. 90 S.Y. GFD EST. 180 C.Y. DDE GRADE AT 2.7%

TERMINAL END SECTION END CONSTRUCTION -Y5B- POT. Sta. 13+19.00

BEGIN CONSTRUCTION -Y5B- POT. Sta. 12+15.00

OLD ENNIS RD

END CONSTRUCTION -Y5B- POT. Sta. 13+19.00

125+00

120+00

130+00

JOHNNY PEARCE DB 2705 PG 775

PATSY JONES DB 748 PG 498

CHRISTOPHER SCOTT DB 1268 PG 466

CLYDE SNYDER DB 1223 PG 264

JOHNNY PEARCE DB 3011 PG 477

CECIL AUSLEY DB 2006 PG 688

ADRIANO ALVAREZ DB 2199 PG 280

JUAN GONZALEZ DB 2377 PG 712 PC* F PG 620A

DAVID FELDMANN DB 3586 PG 623 PC* F PG 620A

HERMAN WOOD DB 904 PG 981

HERMAN WOOD DB 612 PG 58

JAMES BURGIN DB 1880 PG 98 MB 2000 PG 565

48" RCP-IV (BURIED 0.8')

48" HW

PIPE FAREOUT SEE DETAIL 75

FALSE SUMP TO ELEV. 287.0' SEE DETAIL 14

FALSE SUMP TO ELEV. 286.5' SEE DETAIL 14

SPECIAL LATERAL V DITCH SEE DETAIL 22

SPECIAL LATERAL V DITCH SEE DETAIL 38 EST. 20 C.Y. DDE

15" RCP-IV

15" RCP-IV

15" RCP-IV

15" RCP-IV

15" RCP-IV

15" RCP-IV

15" RCP-IV

15" RCP-IV

15" RCP-IV

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15" RCP-IV

15" RCP-IV

15" RCP-IV

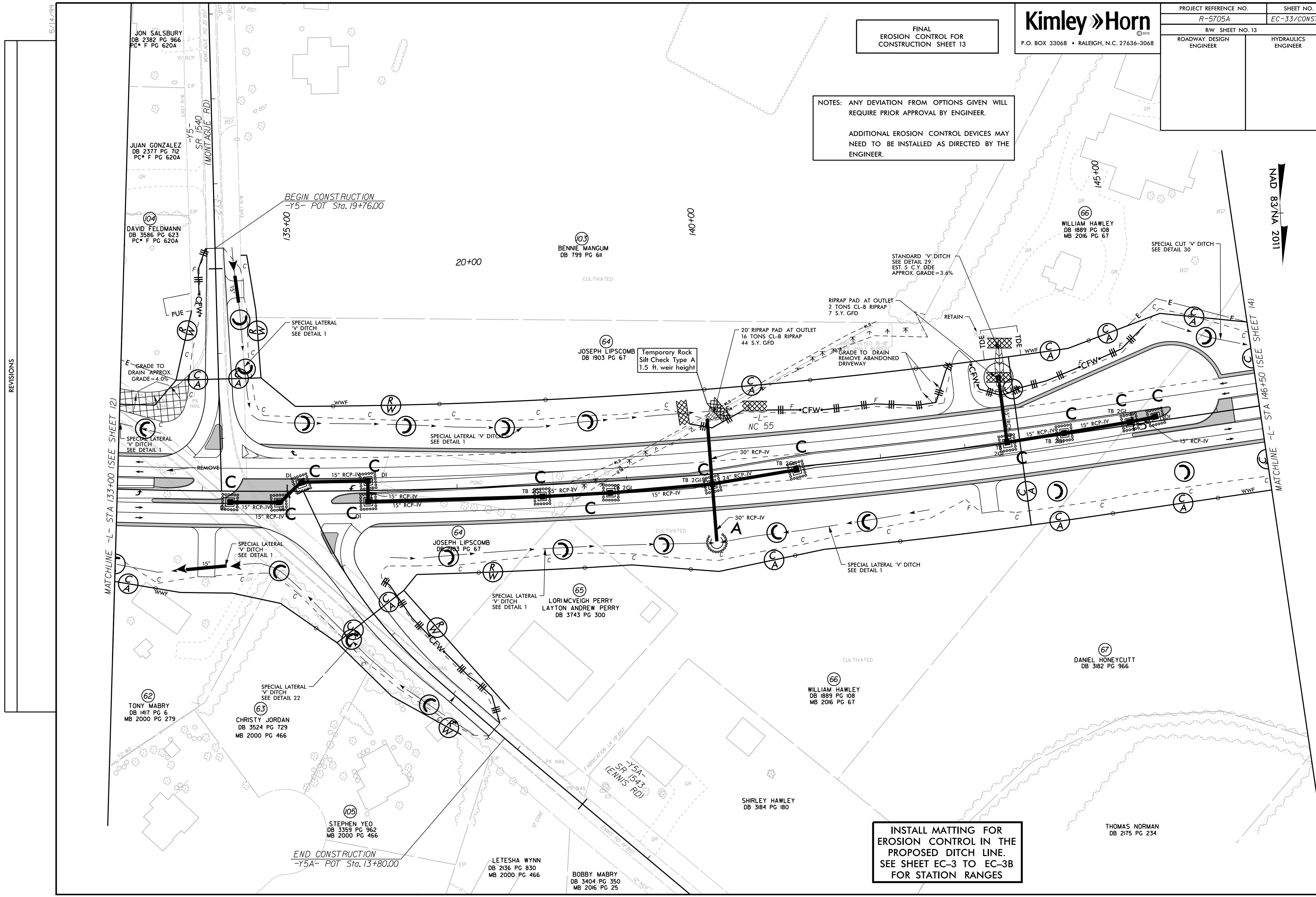
15" RCP-IV

PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-33/CONST.13
RW SHEET NO. 13	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

**FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 13**

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.



**INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES**

REVISIONS

NAD 83/NA 2011

MATCHLINE -L- STA 133+00 (SEE SHEET 12)

MATCHLINE -L- STA 146+50 (SEE SHEET 14)

JON SALSBUURY
DB 2382 PG 966
PC* F PG 620A

JUAN GONZALEZ
DB 2377 PG 712
PC* F PG 620A

DAVID FELDMANN
DB 3586 PG 623
PC* F PG 620A

103
BENNIE MANGUM
DB 799 PG 611

64
JOSEPH LIPSCOMB
DB 1903 PG 67

65
LORIMCVEIGH PERRY
LAYTON ANDREW PERRY
DB 3743 PG 300

62
TONY MABRY
DB 1417 PG 6
MB 2000 PG 279

63
CHRISTY JORDAN
DB 3524 PG 729
MB 2000 PG 466

105
STEPHEN YEO
DB 3359 PG 962
MB 2000 PG 466

LETESHA WYNN
DB 2136 PG 830
MB 2000 PG 466

BOBBY MABRY
DB 3404 PG 350
MB 2016 PG 25

SHIRLEY HAWLEY
DB 3184 PG 180

66
WILLIAM HAWLEY
DB 1889 PG 108
MB 2016 PG 67

67
DANIEL HONEYCUTT
DB 3182 PG 966

THOMAS NORMAN
DB 2175 PG 234

MONTAGUE RD SR 1540

FABRICATION LN SR 1543 (LEWIS RD)

BEGIN CONSTRUCTION
-Y5- POT Sta. 19+76.00

END CONSTRUCTION
-Y5A- POT Sta. 13+80.00

STANDARD 'V' DITCH
SEE DETAIL 29
EST. 5 C.Y. DDE
APPROX. GRADE=3.6%

RIPRAP PAD AT OUTLET
2 TONS CL-B RIPRAP
7 S.Y. GFD

20' RIPRAP PAD AT OUTLET
16 TONS CL-B RIPRAP
44 S.Y. GFD

Temporary Rock
Silt Check Type A
1.5 ft. weir height

GRADE TO DRAIN
REMOVE ABANDONED
DRIVEWAY

SPECIAL CUT 'V' DITCH
SEE DETAIL 30

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 22

GRADE TO DRAIN APPROX.
GRADE=4.0%

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

REMOVE

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

POND

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

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SEE DETAIL 1

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SEE DETAIL 1

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SEE DETAIL 1

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SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

SPECIAL LATERAL 'V' DITCH
SEE DETAIL 1

5/14/99

REVISIONS

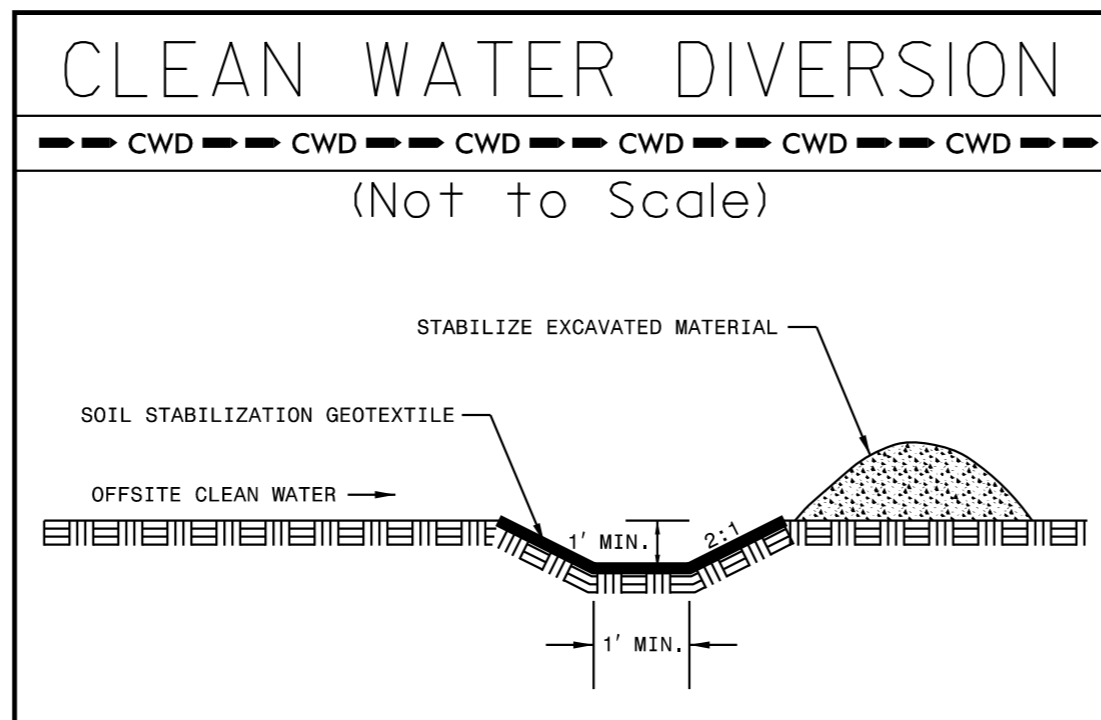
PROJECT REFERENCE NO.	SHEET NO.
R-5705A	EC-34/CONST.14
RW SHEET NO. 14	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Kimley >> Horn
 P.O. BOX 33068 • RALEIGH, N.C. 27636-3068

FINAL
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 14

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

 ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.



(68)
 SUNFLIGHT LLC
 DB 1690 PG 178

NAD 83/NA 2011

60 x 30 x 3
 1.5 inch Skimmer
 with 1.250 inch
 Orifice Diameter
 6 ft. weir
 ID 14.2

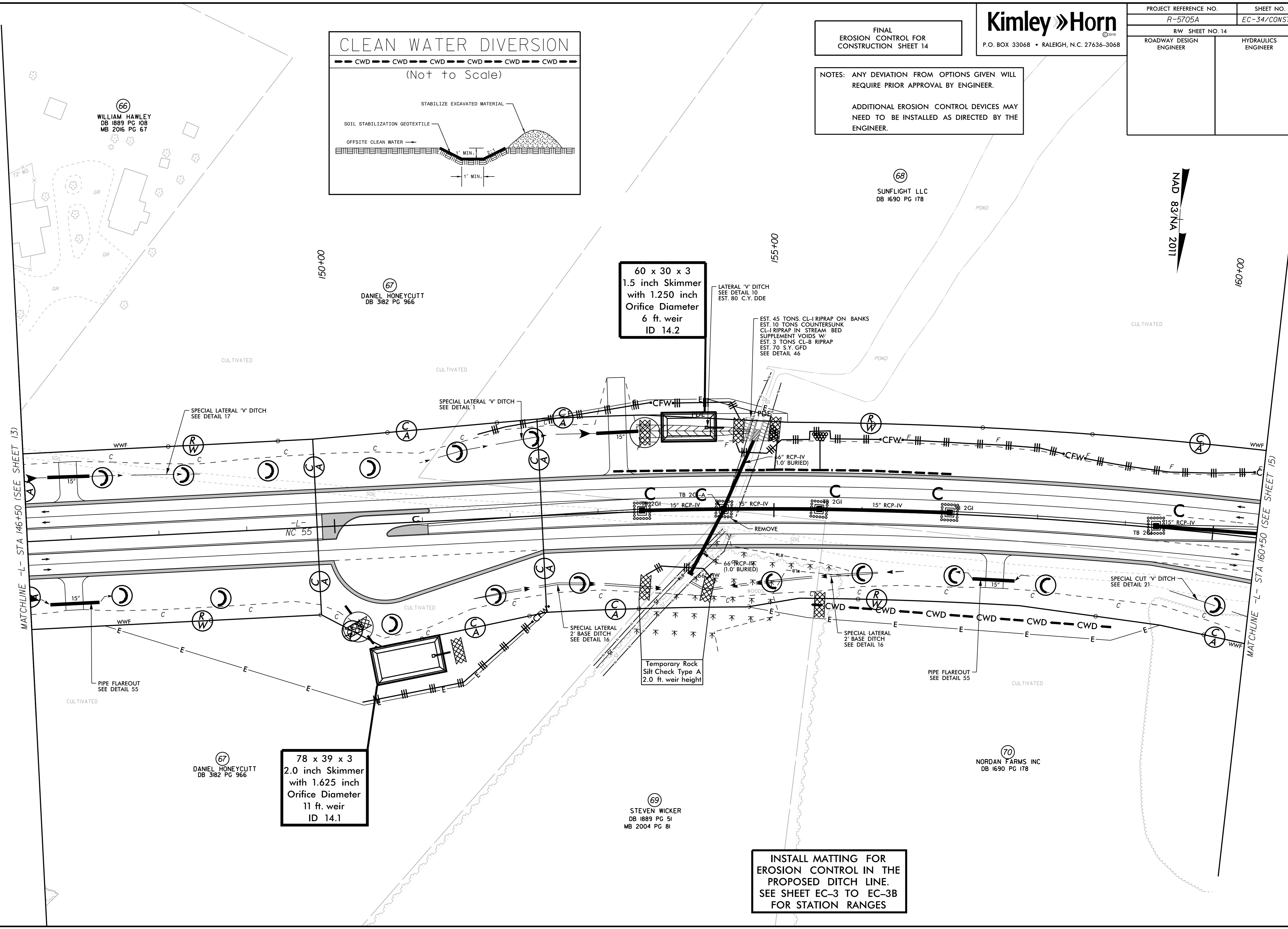
EST. 45 TONS CL-I RIPRAP ON BANKS
 EST. 10 TONS COUNTERSUNK CL-I RIPRAP IN STREAM BED
 SUPPLEMENT VOIDS W/
 EST. 3 TONS CL-B RIPRAP
 EST. 70 S.Y. GFD
 SEE DETAIL 46

(67)
 DANIEL HONEYCUTT
 DB 3182 PG 966

(66)
 WILLIAM HAWLEY
 DB 1889 PG 108
 MB 2016 PG 67

MATCHLINE -L- STA 146+50 (SEE SHEET 13)

MATCHLINE -L- STA 160+50 (SEE SHEET 15)



(69)
 STEVEN WICKER
 DB 1889 PG 51
 MB 2004 PG 81

(67)
 DANIEL HONEYCUTT
 DB 3182 PG 966

(70)
 NORDAN FARMS INC
 DB 1690 PG 178

78 x 39 x 3
 2.0 inch Skimmer
 with 1.625 inch
 Orifice Diameter
 11 ft. weir
 ID 14.1

INSTALL MATTING FOR
 EROSION CONTROL IN THE
 PROPOSED DITCH LINE.
 SEE SHEET EC-3 TO EC-3B
 FOR STATION RANGES

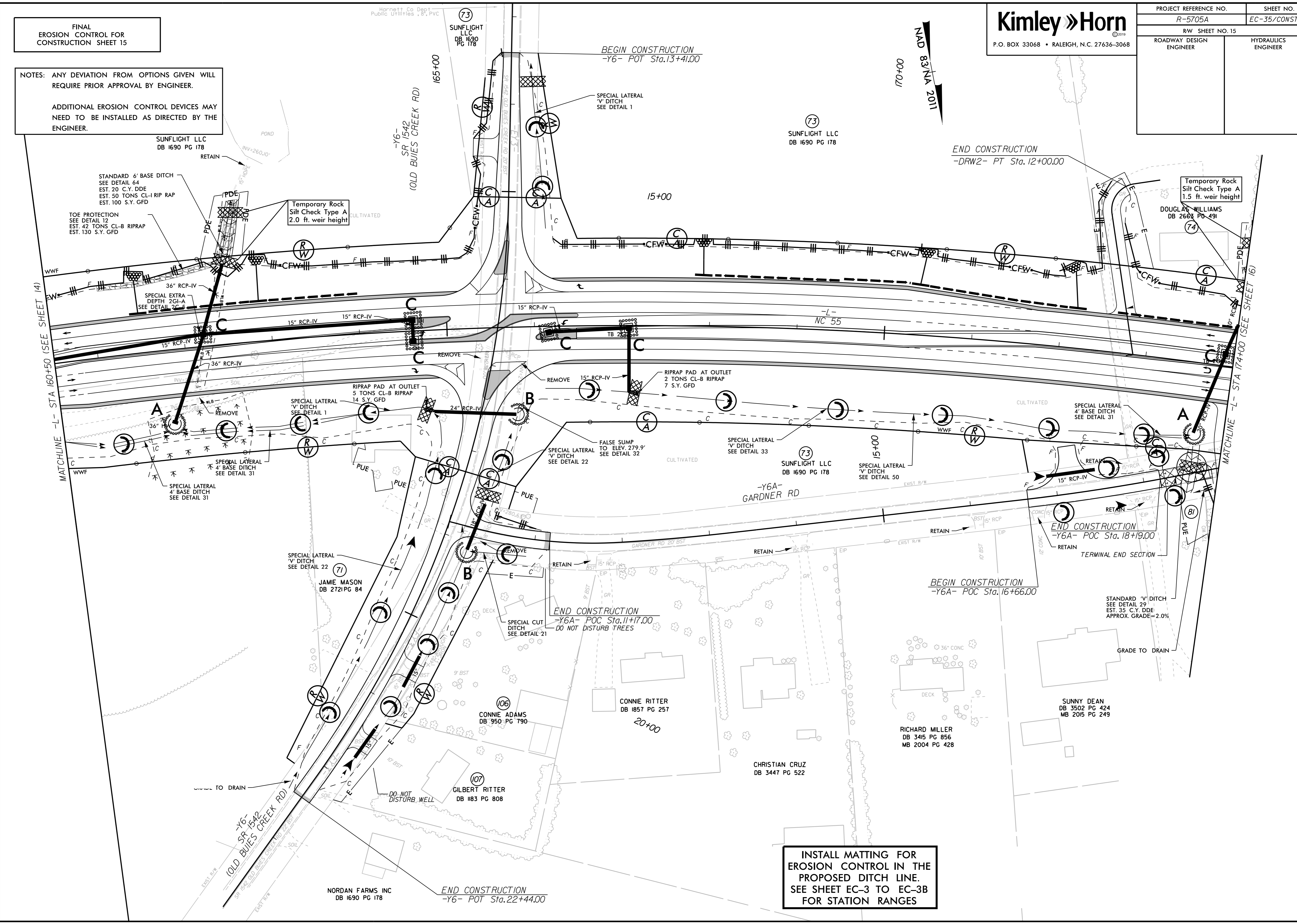
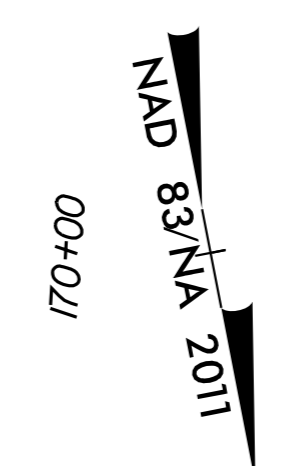
5/14/99

FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 15

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.
ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

PROJECT REFERENCE NO. R-5705A		SHEET NO. EC-35/CONST.15	
RW SHEET NO. 15			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

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REVISIONS

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE. SEE SHEET EC-3 TO EC-3B FOR STATION RANGES

**FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 16**

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

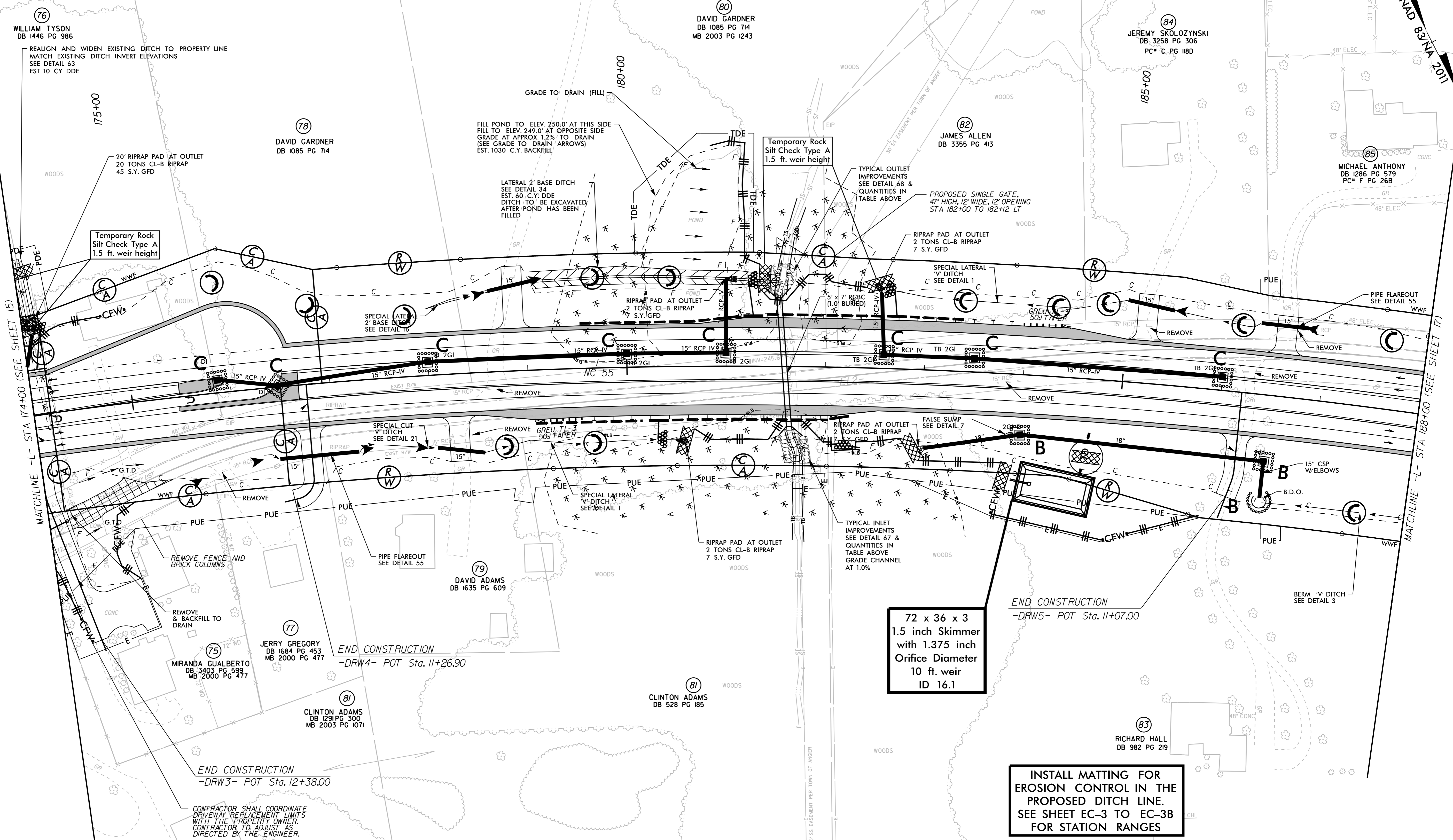
Kimley >> Horn

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PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-36/CONST.16
RW SHEET NO. 16	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS

NAD 83/NA 2011



REALIGN AND WIDEN EXISTING DITCH TO PROPERTY LINE
MATCH EXISTING DITCH INVERT ELEVATIONS
SEE DETAIL 63
EST 10 CY DDE

20' RIPRAP PAD AT OUTLET
20 TONS CL-B RIPRAP
45 S.Y. GFD

Temporary Rock
Silt Check Type A
1.5 ft. weir height

FILL POND TO ELEV. 250.0' AT THIS SIDE
FILL TO ELEV. 249.0' AT OPPOSITE SIDE
GRADE AT APPROX. 1.2% TO DRAIN
(SEE GRADE TO DRAIN ARROWS)
EST. 1030 C.Y. BACKFILL

LATERAL 2" BASE DITCH
SEE DETAIL 34
EST. 60 C.Y. DDE
DITCH TO BE EXCAVATED
AFTER POND HAS BEEN FILLED

Temporary Rock
Silt Check Type A
1.5 ft. weir height

TYPICAL OUTLET
IMPROVEMENTS
SEE DETAIL 68 &
QUANTITIES IN
TABLE ABOVE

PROPOSED SINGLE GATE,
4" HIGH, 12" WIDE, 12" OPENING
STA 182+00 TO 182+12 LT

RIPRAP PAD AT OUTLET
2 TONS CL-B RIPRAP
7 S.Y. GFD

SPECIAL LATERAL
V-DITCH
SEE DETAIL 1

PIPE FLAREOUT
SEE DETAIL 55

MATCHLINE -L- STA 174+00 (SEE SHEET 15)

MATCHLINE -L- STA 188+00 (SEE SHEET 17)

SPECIAL CUT-
V DITCH
SEE DETAIL 21

RIPRAP PAD AT OUTLET
2 TONS CL-B RIPRAP
7 S.Y. GFD

FALSE SUMP
SEE DETAIL 7

REMOVE FENCE AND
BRICK COLUMNS

REMOVE & BACKFILL TO
DRAIN

MIRANDA GUALBERTO
DB 3403 PG 599
MB 2000 PG 477

JERRY GREGORY
DB 1684 PG 453
MB 2000 PG 477

END CONSTRUCTION
-DRW4- POT Sta. 11+26.90

END CONSTRUCTION
-DRW3- POT Sta. 12+38.00

CONTRACTOR SHALL COORDINATE
DRIVEWAY REPLACEMENT LIMITS
WITH THE PROPERTY OWNER.
CONTRACTOR TO ADJUST AS
DIRECTED BY THE ENGINEER.

72 x 36 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
10 ft. weir
ID 16.1

END CONSTRUCTION
-DRW5- POT Sta. 11+07.00

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

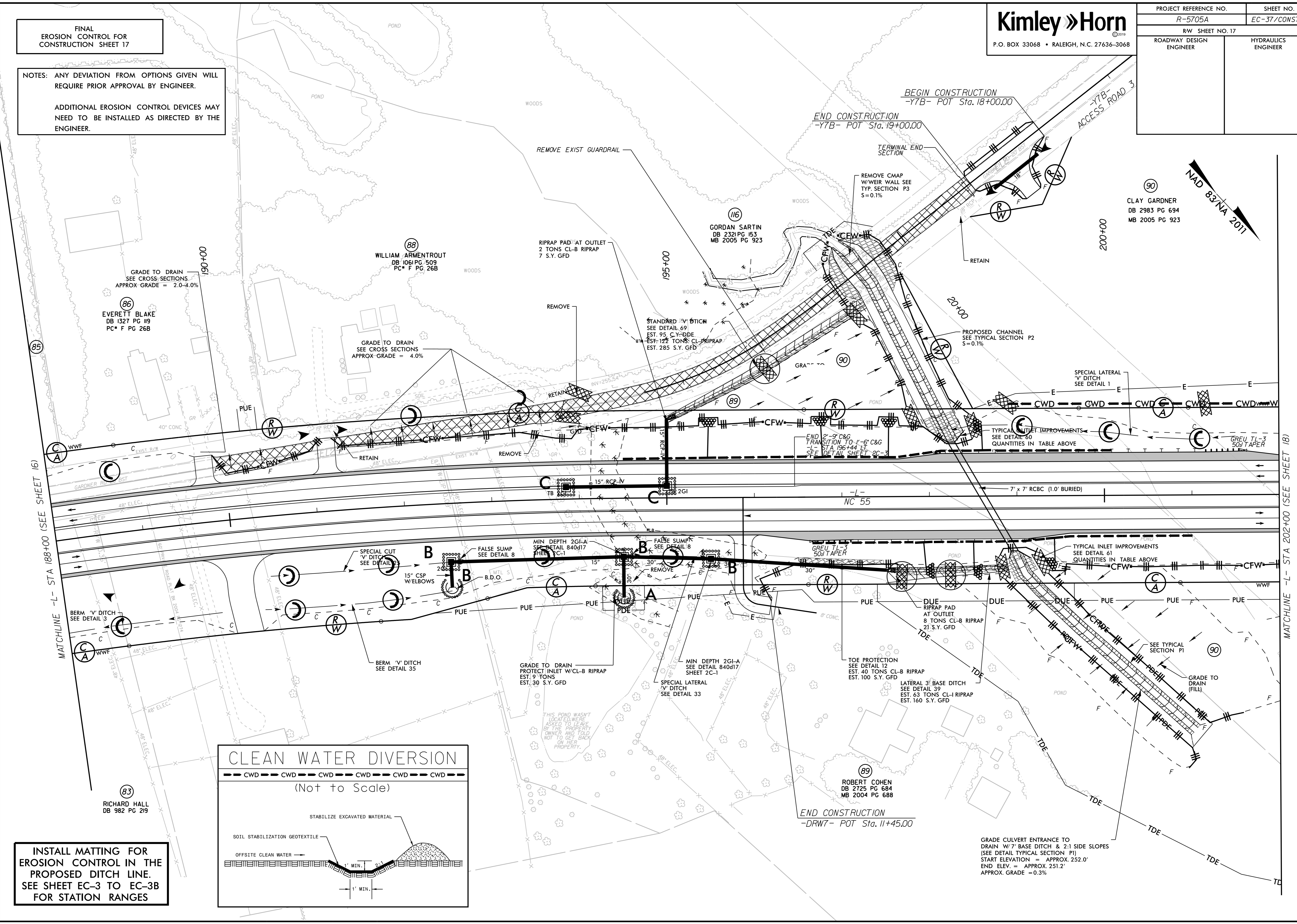
CONTRACTOR SHALL COORDINATE
DRIVEWAY REPLACEMENT LIMITS
WITH THE PROPERTY OWNER.
CONTRACTOR TO ADJUST AS
DIRECTED BY THE ENGINEER.

PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-37/CONST.17
RW SHEET NO. 17	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

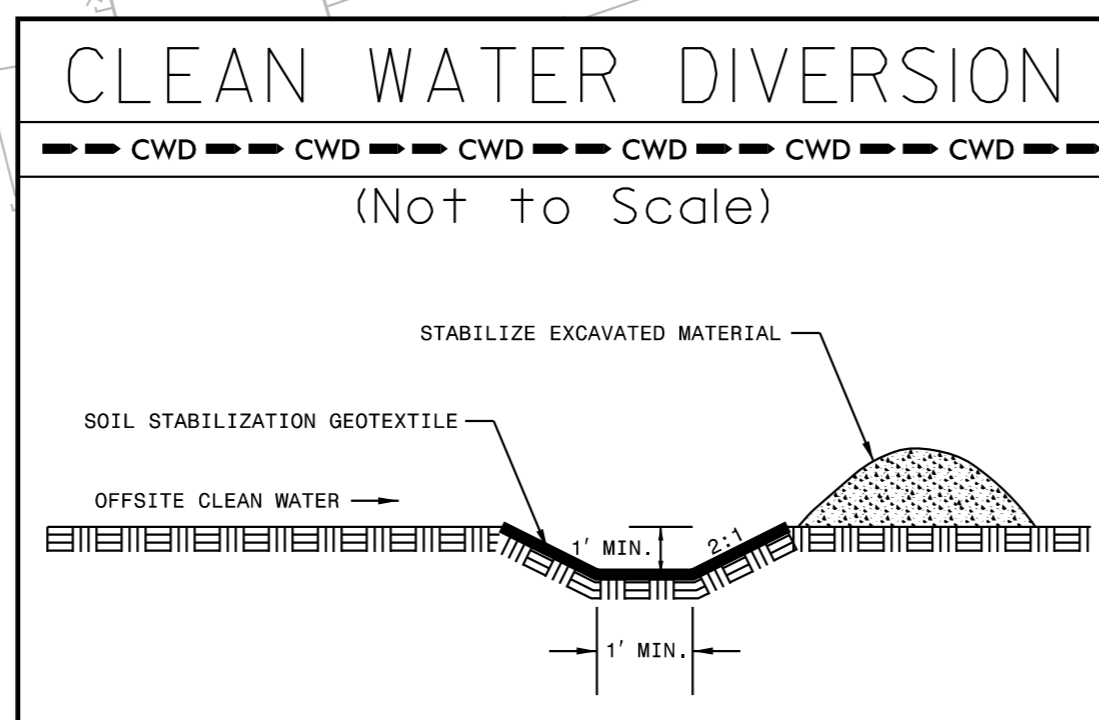
FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 17

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY
NEED TO BE INSTALLED AS DIRECTED BY THE
ENGINEER.



INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES



REVISIONS

MATCHLINE -L- STA 202+00 (SEE SHEET 18)

MATCHLINE -L- STA 188+00 (SEE SHEET 16)

NAD 83/NA 2011

90
CLAY GARDNER
DB 2983 PG 694
MB 2005 PG 923

116
GORDAN SARTIN
DB 2321 PG 153
MB 2005 PG 923

88
WILLIAM ARMENTROUT
DB 1061 PG 509
PC# F PG 268

86
EVERETT BLAKE
DB 1327 PG 119
PC# F PG 268

89
ROBERT COHEN
DB 2725 PG 684
MB 2004 PG 688

83
RICHARD HALL
DB 982 PG 219

THIS POND WASNT
LOCATED, WERE
ASKED TO LEAVE
BY THE PROPERTY
OWNER, AND TOLD
NOT TO GET BACK
ON HER PROPERTY.

GRADE CULVERT ENTRANCE TO
DRAIN W/7' BASE DITCH & 2:1 SIDE SLOPES
(SEE DETAIL TYPICAL SECTION P1)
START ELEVATION = APPROX. 252.0'
END ELEV. = APPROX. 251.2'
APPROX. GRADE = 0.3%

5/14/99

FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 18

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY
NEED TO BE INSTALLED AS DIRECTED BY THE
ENGINEER.

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

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PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-3B/CONST.18
RW SHEET NO. 18	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DAVID GARDNER
DB 3103 PG 553



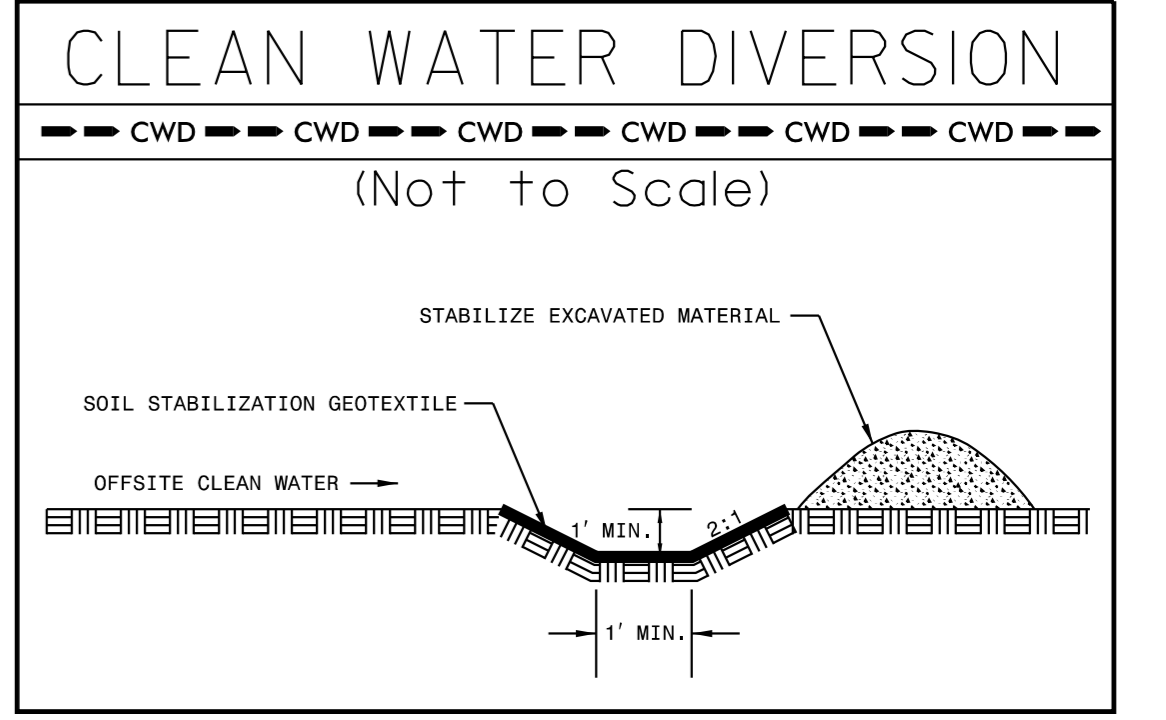
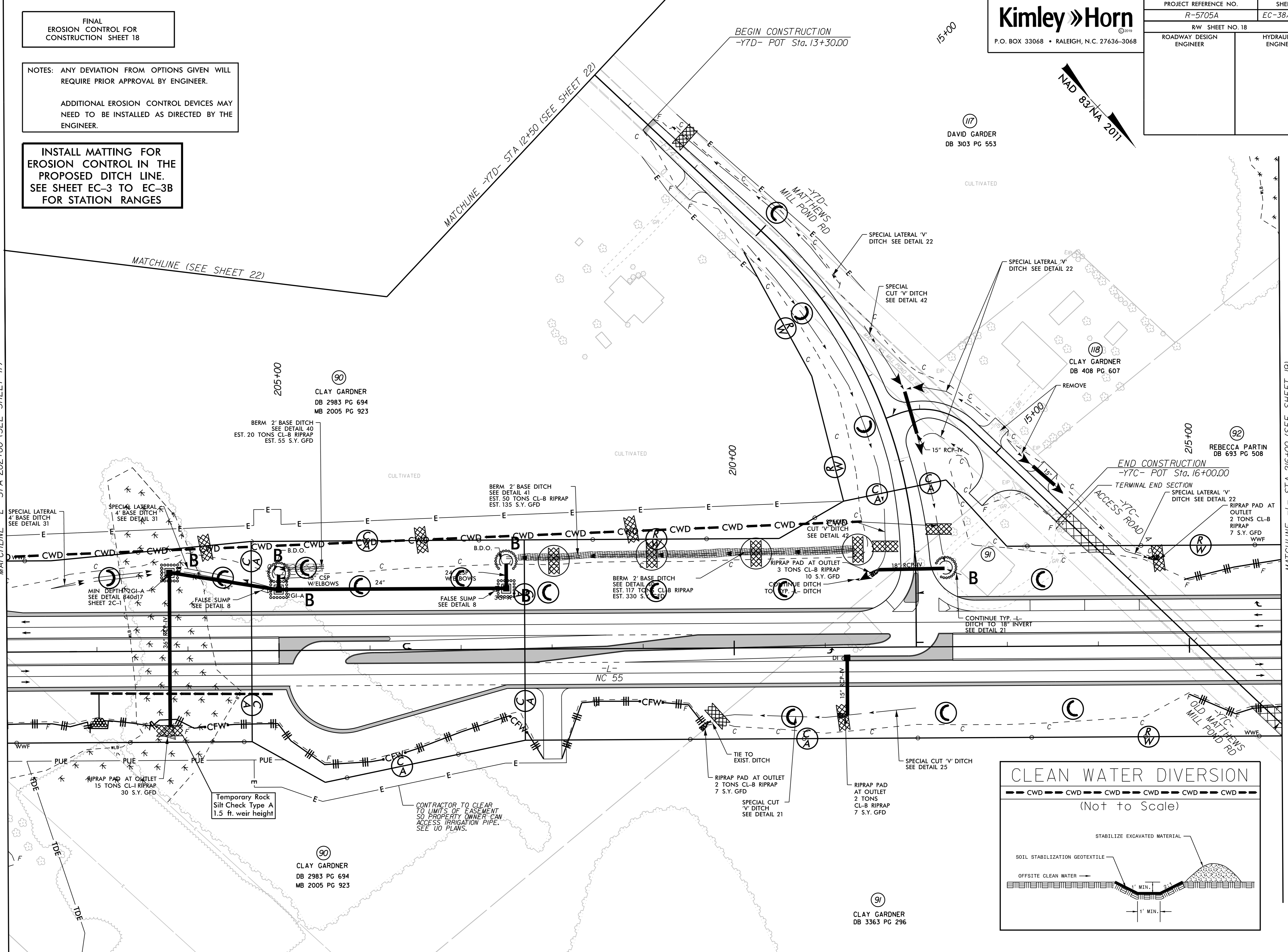
BEGIN CONSTRUCTION
-Y7D- POT Sta. 13+30.00

END CONSTRUCTION
-Y7C- POT Sta. 16+00.00

MATCHLINE -L- STA 202+00 (SEE SHEET 17)

MATCHLINE -L- STA 216+00 (SEE SHEET 19)

REVISIONS



CONTRACTOR TO CLEAR
TO LIMITS OF EASEMENT
SO PROPERTY OWNER CAN
ACCESS IRRIGATION PIPE.
SEE UO PLANS.

CLAY GARDNER
DB 2983 PG 694
MB 2005 PG 923

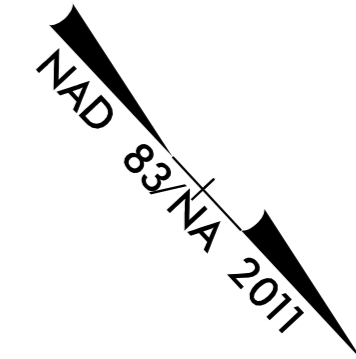
CLAY GARDNER
DB 3363 PG 296

PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-39/CONST.19
RW SHEET NO. 19	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

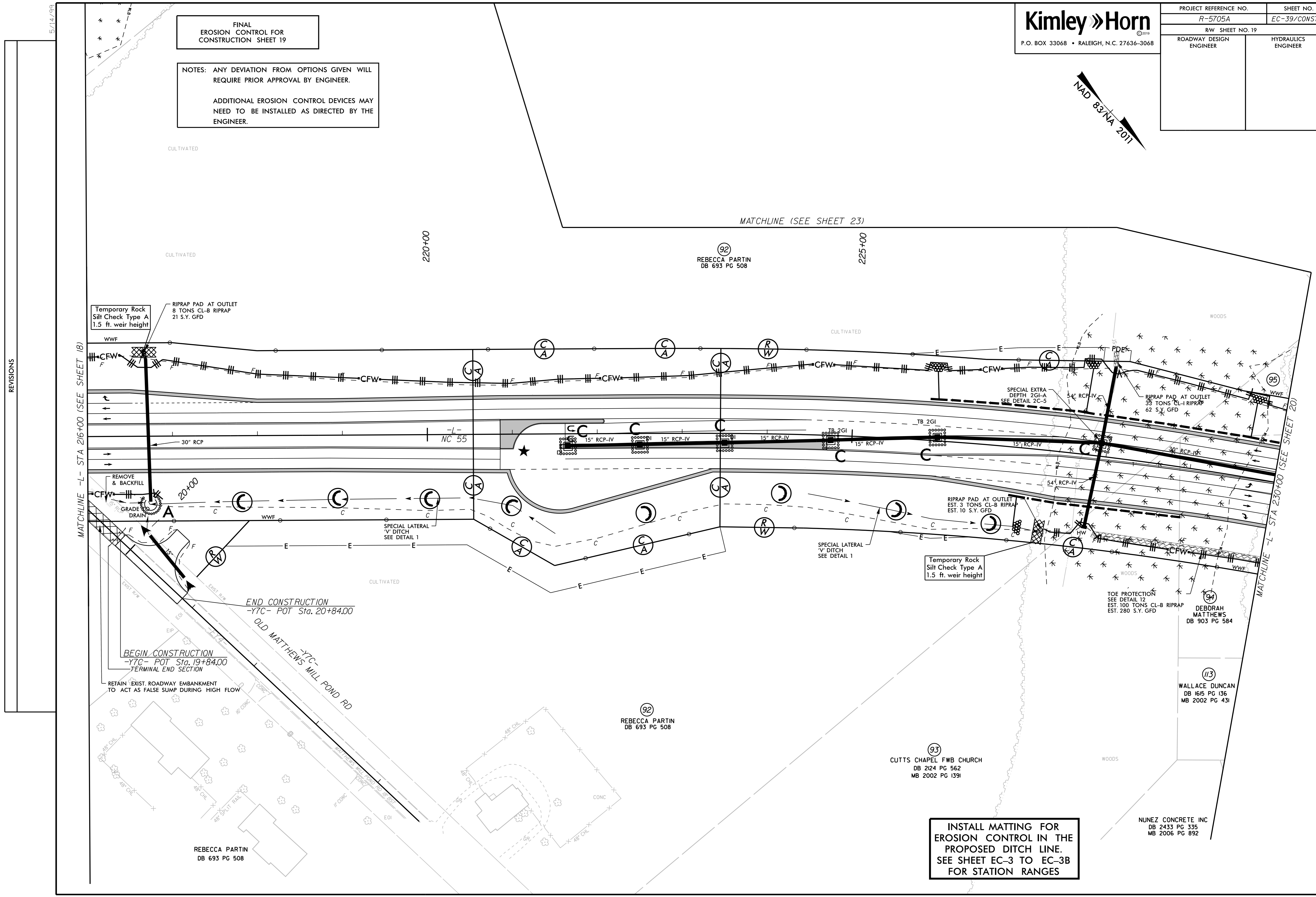
FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 19

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.



MATCHLINE (SEE SHEET 23)



REVISIONS

MATCHLINE -L- STA 216+00 (SEE SHEET 18)

MATCHLINE -L- STA 230+00 (SEE SHEET 20)

Temporary Rock Silt Check Type A 1.5 ft. weir height

RIPRAP PAD AT OUTLET
8 TONS CL-B RIPRAP
21 S.Y. GFD

SPECIAL EXTRA DEPTH 2GI-A
SEE DETAIL 2C-5

RIPRAP PAD AT OUTLET
33 TONS CL-I RIPRAP
62 S.Y. GFD

RIPRAP PAD AT OUTLET
EST. 3 TONS CL-B RIPRAP
EST. 10 S.Y. GFD

TOE PROTECTION
SEE DETAIL 12
EST. 100 TONS CL-B RIPRAP
EST. 280 S.Y. GFD

BEGIN CONSTRUCTION
-YTC- POT Sta. 19+84.00
TERMINAL END SECTION

END CONSTRUCTION
-YTC- POT Sta. 20+84.00

RETAIN EXIST. ROADWAY EMBANKMENT TO ACT AS FALSE SUMP DURING HIGH FLOW

REBECCA PARTIN
DB 693 PG 508

REBECCA PARTIN
DB 693 PG 508

CUTTS CHAPEL F.W.B. CHURCH
DB 2124 PG 562
MB 2002 PG 1391

DEBORAH MATTHEWS
DB 903 PG 584

WALLACE DUNCAN
DB 1615 PG 136
MB 2002 PG 431

NUNEZ CONCRETE INC
DB 2433 PG 335
MB 2006 PG 892

INSTALL MATTING FOR EROSION CONTROL IN THE PROPOSED DITCH LINE. SEE SHEET EC-3 TO EC-3B FOR STATION RANGES

5/14/99

REVISIONS

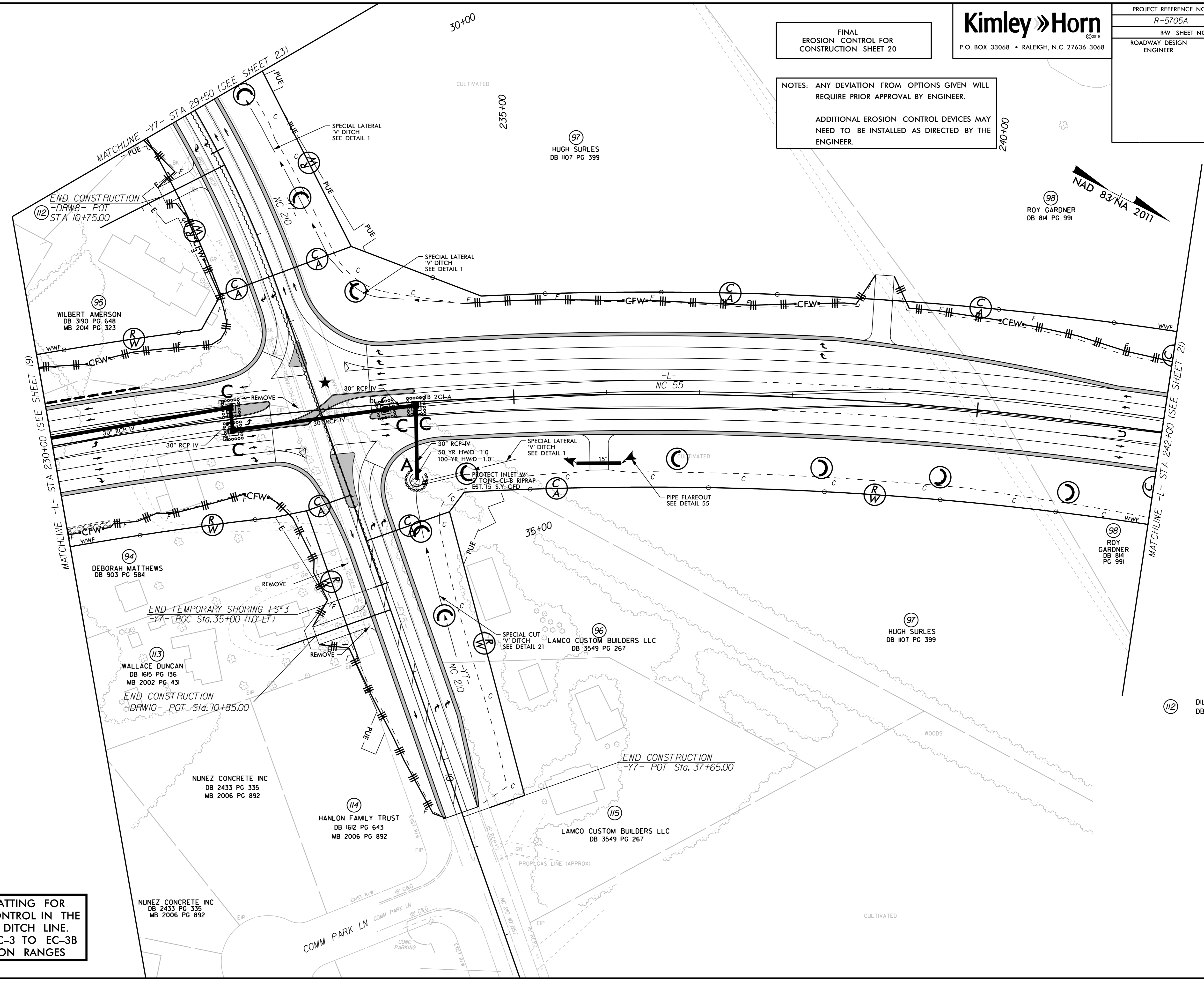
Kimley Horn
P.O. BOX 33068 • RALEIGH, N.C. 27636-3068

PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-40/CONST.20
R/W SHEET NO. 20	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	

FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 20

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY
NEED TO BE INSTALLED AS DIRECTED BY THE
ENGINEER.



INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINE.
SEE SHEET EC-3 TO EC-3B
FOR STATION RANGES

112 DILLARD ENTERPRISES INC
DB 875 PG 308

5/14/99

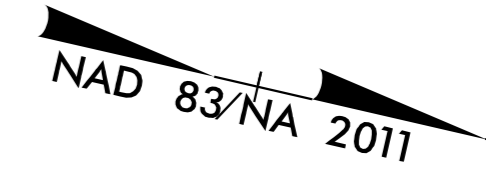
FINAL
EROSION CONTROL FOR
CONSTRUCTION SHEET 21

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL
REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY
NEED TO BE INSTALLED AS DIRECTED BY THE
ENGINEER.

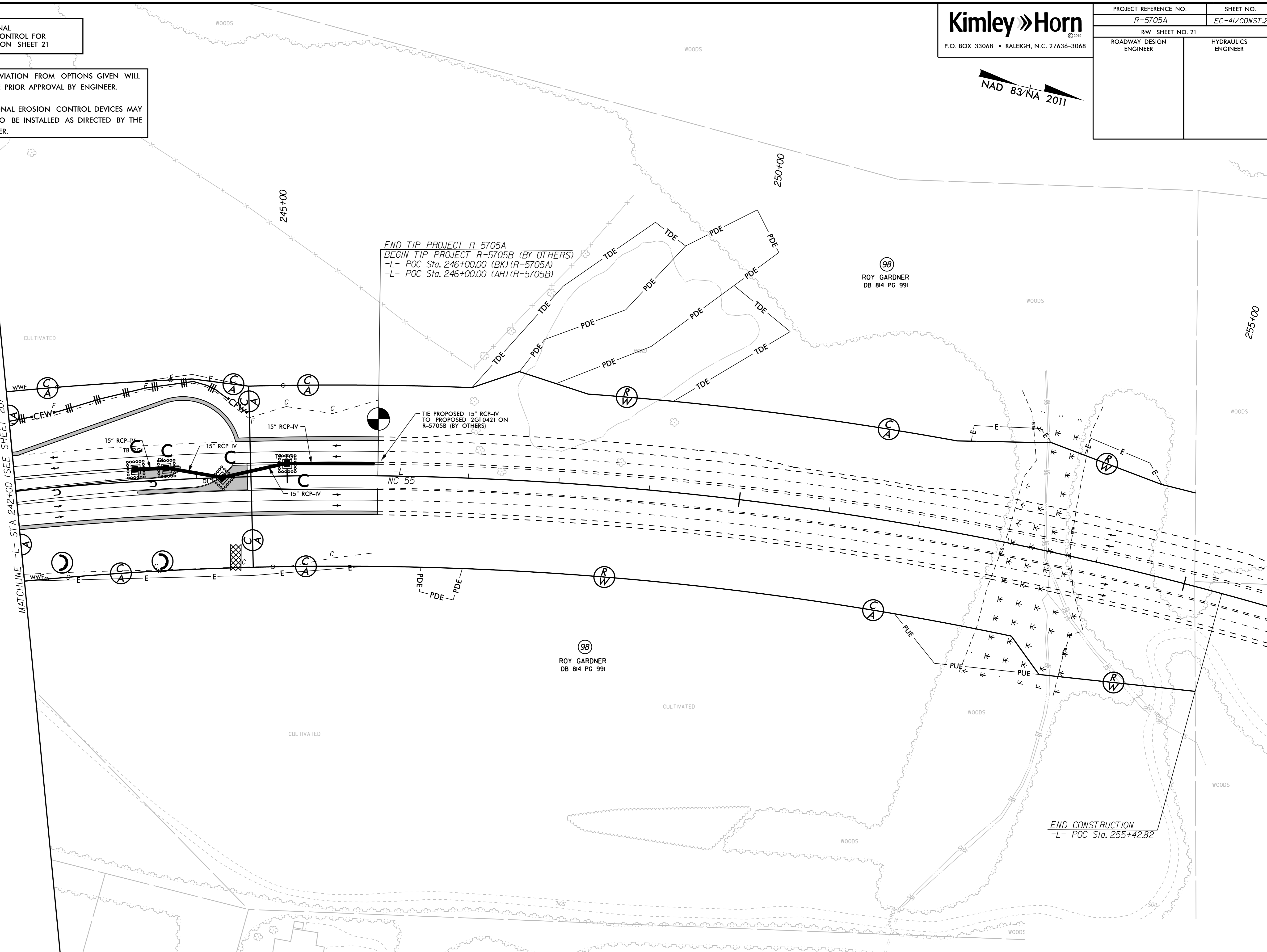
Kimley » Horn
P.O. BOX 33068 • RALEIGH, N.C. 27636-3068

PROJECT REFERENCE NO. R-5705A	SHEET NO. EC-41/CONST.21
RW SHEET NO. 21	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



REVISIONS

MATCHLINE -L- STA 242+00 (SEE SHEET 20)



END TIP PROJECT R-5705A
BEGIN TIP PROJECT R-5705B (BY OTHERS)
-L- POC Sta. 246+00.00 (BK) (R-5705A)
-L- POC Sta. 246+00.00 (AH) (R-5705B)

TIE PROPOSED 15" RCP-IV
TO PROPOSED 261.0421 ON
R-5705B (BY OTHERS)

END CONSTRUCTION
-L- POC Sta. 255+42.82

98
ROY GARDNER
DB 814 PG 991

98
ROY GARDNER
DB 814 PG 991