

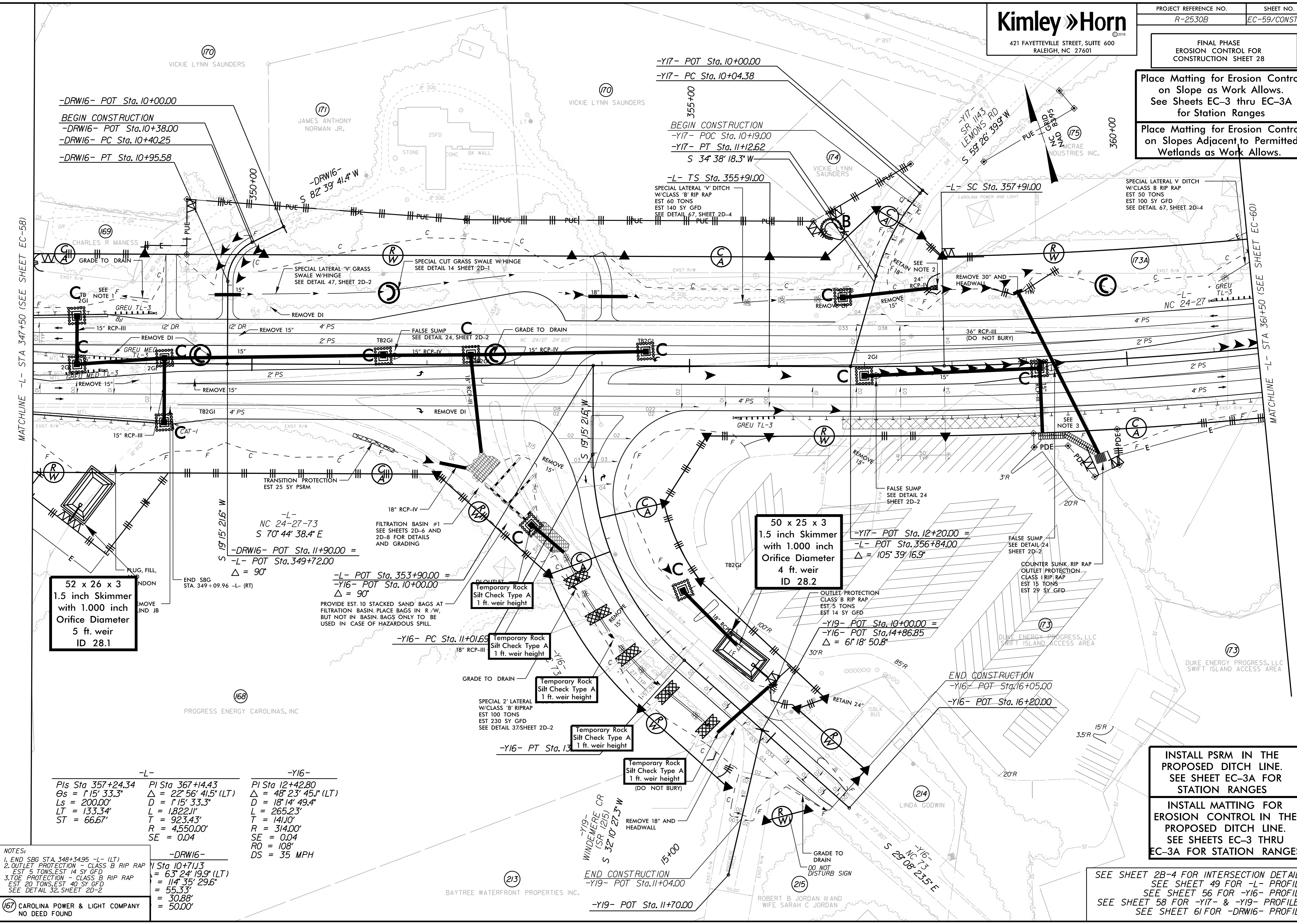
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Place Matting for Erosion Control
on Slope as Work Allows.
See Sheets EC-3 thru EC-3A
for Station Ranges

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



-DRW16- POT Sta. 10+00.00
BEGIN CONSTRUCTION
-DRW16- POT Sta. 10+38.00
-DRW16- PC Sta. 10+40.25
-DRW16- PT Sta. 10+95.58

-Y17- POT Sta. 10+00.00
-Y17- PC Sta. 10+04.38

BEGIN CONSTRUCTION
-Y17- POC Sta. 10+19.00
-Y17- PT Sta. 11+2.62
S 34° 38' 18.3" W

-L- TS Sta. 355+91.00
SPECIAL LATERAL V DITCH
W/CLASS B RIP RAP
EST 60 TONS
EST 140 SY GFD
SEE DETAIL 67, SHEET 2D-4

-L- SC Sta. 357+91.00

52 x 26 x 3
1.5 inch Skimmer
with 1.000 inch
Orifice Diameter
5 ft. weir
ID 28.1

50 x 25 x 3
1.5 inch Skimmer
with 1.000 inch
Orifice Diameter
4 ft. weir
ID 28.2

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
(DO NOT BURY)

-L-
PI Sta 357+24.34
θs = 1° 15' 33.3"
Ls = 200.00'
LT = 133.34'
ST = 66.67'

-Y16-
PI Sta 367+14.43
Δ = 22° 56' 41.5" (LT)
D = 1° 15' 33.3"
L = 1,822.11'
T = 923.43'
R = 4,550.00'
SE = 0.04

-Y16-
PI Sta 12+42.80
Δ = 48° 23' 45.1" (LT)
D = 18° 14' 49.4"
L = 265.23'
T = 141.0'
R = 314.00'
SE = 0.04
RO = 108'
DS = 35 MPH

-DRW16-
PI Sta 10+71.13
Δ = 63° 24' 19.9" (LT)
D = 114° 35' 29.6"
L = 55.33'
T = 30.88'
R = 50.00'

NOTES:

1. END SBG STA. 349+34.95 -L- (LT)
2. OUTLET PROTECTION - CLASS B RIP RAP
EST 5 TONS, EST 14 SY GFD
3. TOE PROTECTION - CLASS B RIP RAP
EST 20 TONS, EST 40 SY GFD
SEE DETAIL 32, SHEET 2D-2

(167) CAROLINA POWER & LIGHT COMPANY
NO DEED FOUND

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

SEE SHEET 2B-4 FOR INTERSECTION DETAILS
SEE SHEET 49 FOR -L- PROFILE
SEE SHEET 56 FOR -Y16- PROFILE
SEE SHEET 58 FOR -Y17- & -Y19- PROFILES
SEE SHEET 61 FOR -DRW16- PROFILE

5/14/99

11/1/2018

5/14/99

(175) MCRAE INDUSTRIES INC.

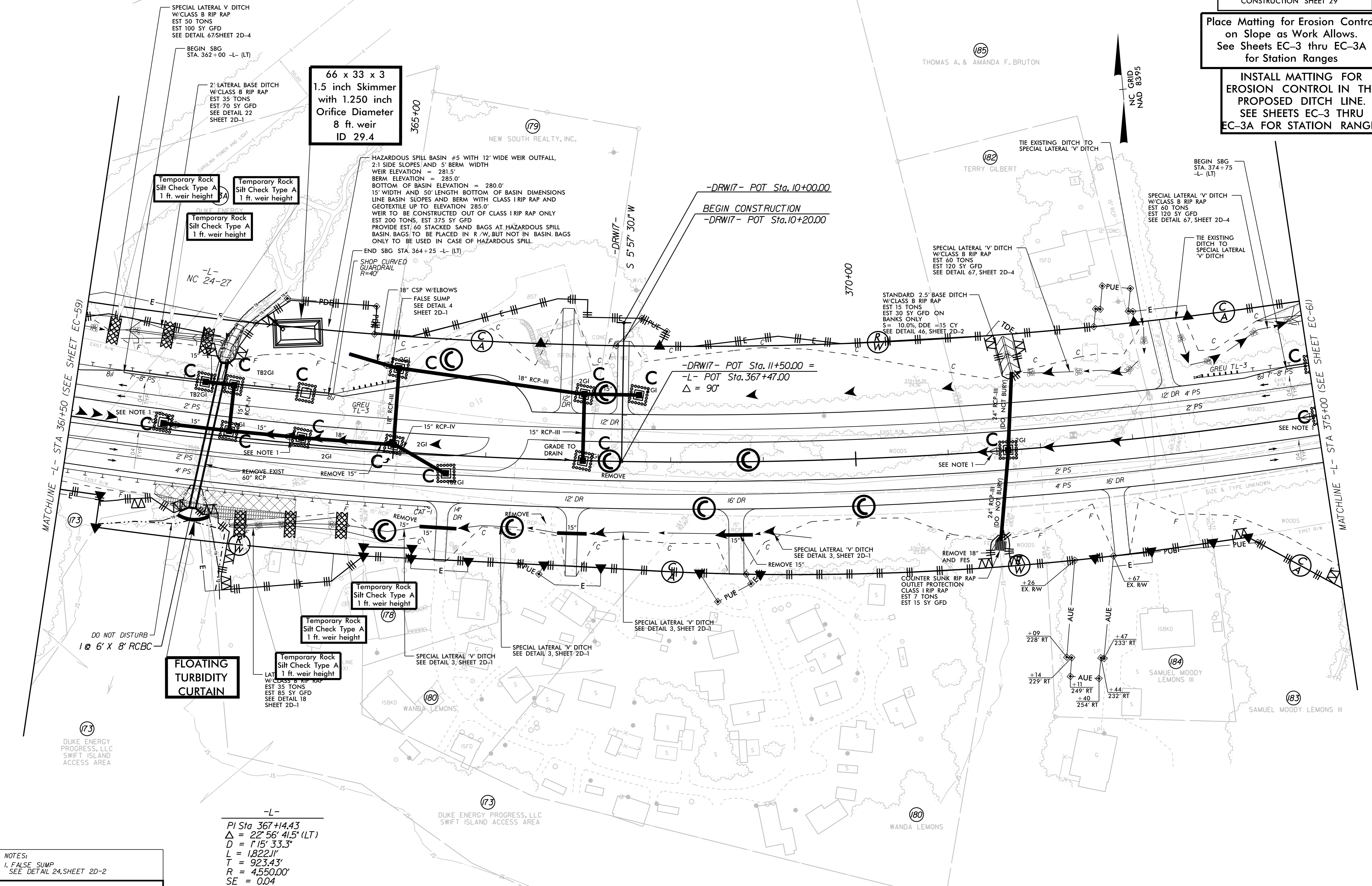
Kimley Horn
421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

PROJECT REFERENCE NO. R-2530B SHEET NO. EC-60/CONST. 29

FINAL PHASE EROSION CONTROL FOR CONSTRUCTION SHEET 29

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



66 x 33 x 3
1.5 inch Skimmer
with 1.250 inch
Orifice Diameter
8 ft. weir
ID 29.4

Temporary Rock
Silt Check Type A
1 ft. weir height

HAZARDOUS SPILL BASIN #5 WITH 12' WIDE WEIR OUTFALL,
2:1 SIDE SLOPES AND 5' BERM WIDTH
WEIR ELEVATION = 281.5'
BERM ELEVATION = 285.0'
BOTTOM OF BASIN ELEVATION = 280.0'
15' WIDTH AND 50' LENGTH BOTTOM OF BASIN DIMENSIONS
LINE BASIN SLOPES AND BERM WITH CLASS I RIP RAP AND
GEOTEXTILE UP TO ELEVATION 285.0'
WEIR TO BE CONSTRUCTED OUT OF CLASS I RIP RAP ONLY
EST 200 TONS, EST 375 SY GFD
PROVIDE EST. 60 STACKED SAND BAGS AT HAZARDOUS SPILL
BASIN BAGS TO BE PLACED IN R/W, BUT NOT IN BASIN. BAGS
ONLY TO BE USED IN CASE OF HAZARDOUS SPILL.

-DRW17- POT Sta. 10+00.00
BEGIN CONSTRUCTION
-DRW17- POT Sta. 10+20.00

-DRW17- POT Sta. 11+50.00 =
-L- POT Sta. 367+47.00
Δ = 90°

FLOATING
TURBIDITY
CURTAIN

-L-
PI Sta 367+14.43
Δ = 22° 56' 41.5" (LT)
D = 1' 15" 33.3"
L = 1,822.11'
T = 923.43'
R = 4,550.00'
SE = 0.04

NOTES:
1. FALSE SUMP
SEE DETAIL 24, SHEET 2D-2

(173) DUKE ENERGY PROGRESS, LLC
SWIFT ISLAND ACCESS AREA
DB 471 PG 222

SEE SHEET 48 FOR -L- PROFILE
SEE SHEET 59 FOR -DRW17- PROFILE

11/1/2018



FINAL PHASE
EROSION CONTROL FOR
CONSTRUCTION SHEET 30

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

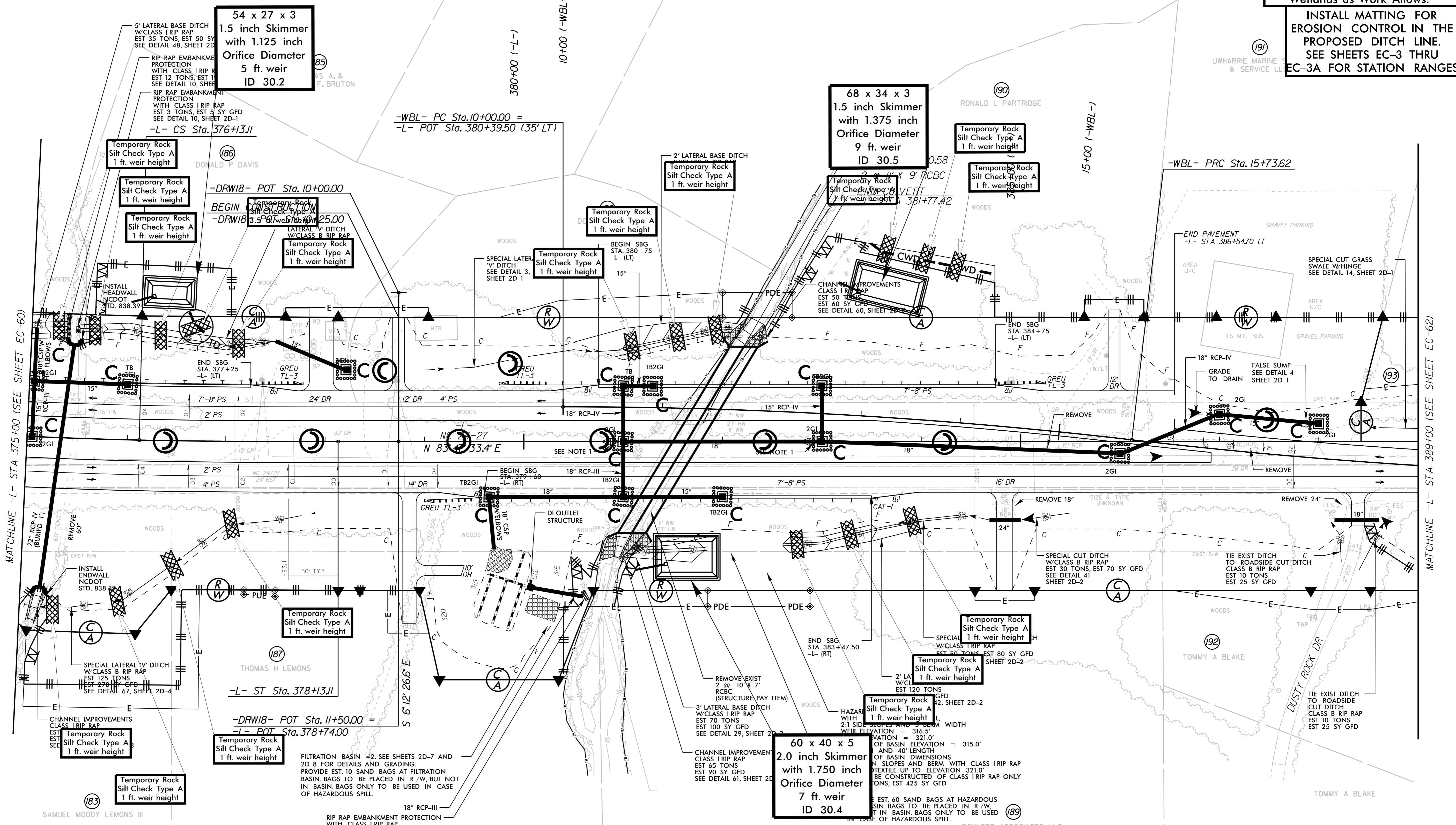
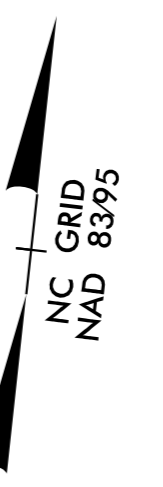
NOTES:
1. HAZARDOUS SPILL BASIN
VOLUME REQUIRED = XX CY
2. OUTLET PROTECTION - CLASS B RIP RAP
EST 3 TONS, EST 10 SY GFD
3. FALSE SUMP
SEE DETAIL 24, SHEET 2D-2

-L-
PI Sta 367+14.43 Δ = 22° 56' 41.5" (LT)
D = 1' 15" 33.3"
L = 1,822.1'
T = 923.43'
R = 4,550.00'
SE = 0.04

PIs Sta 376+79.78 Δs = 1' 15" 33.3"
Ls = 200.00'
LT = 133.34'
ST = 66.67'

-WBL-
PI Sta 12+87.3 Δ = 6° 39' 10.8" (RT)
D = 1' 09" 35.4"
L = 573.62'
T = 287.13'
R = 4,940.00'
SE = RC
RO = 48'
DS = 50 MPH

PI Sta 18+90.68 Δ = 6° 39' 10.8" (LT)
D = 1' 03" 01.2"
L = 633.42'
T = 317.07'
R = 5,455.00'
SE = RC
RO = 48'
DS = 50 MPH



FILTRATION BASIN #2. SEE SHEETS 2D-7 AND 2D-8 FOR DETAILS AND GRADING. PROVIDE EST. 10 SAND BAGS AT FILTRATION BASIN. BAGS TO BE PLACED IN R/W, BUT NOT IN BASIN. BAGS ONLY TO BE USED IN CASE OF HAZARDOUS SPILL.

HAZARDOUS SPILL BASIN WITH 2:1 SIDES AND 10' BERM WIDTH. WEIR ELEVATION = 316.5'. OF BASIN ELEVATION = 321.0'. AND 40' LENGTH OF BASIN DIMENSIONS. N SLOPES AND BERM WITH CLASS I RIP RAP TEXTILE UP TO ELEVATION 321.0'. BE CONSTRUCTED OF CLASS I RIP RAP ONLY. EST 60 SAND BAGS AT HAZARDOUS SPILL. BAGS TO BE PLACED IN R/W, BUT NOT IN BASIN. BAGS ONLY TO BE USED IN CASE OF HAZARDOUS SPILL.

SEE SHEET 49 FOR -L- PROFILE
SEE SHEET 50 FOR -WBL- PROFILE
SEE SHEET 59 FOR -DRWIB- PROFILE

11/1/2018

5/14/99

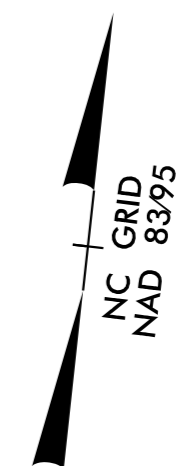
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 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, NC 27601

FINAL PHASE
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 31

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

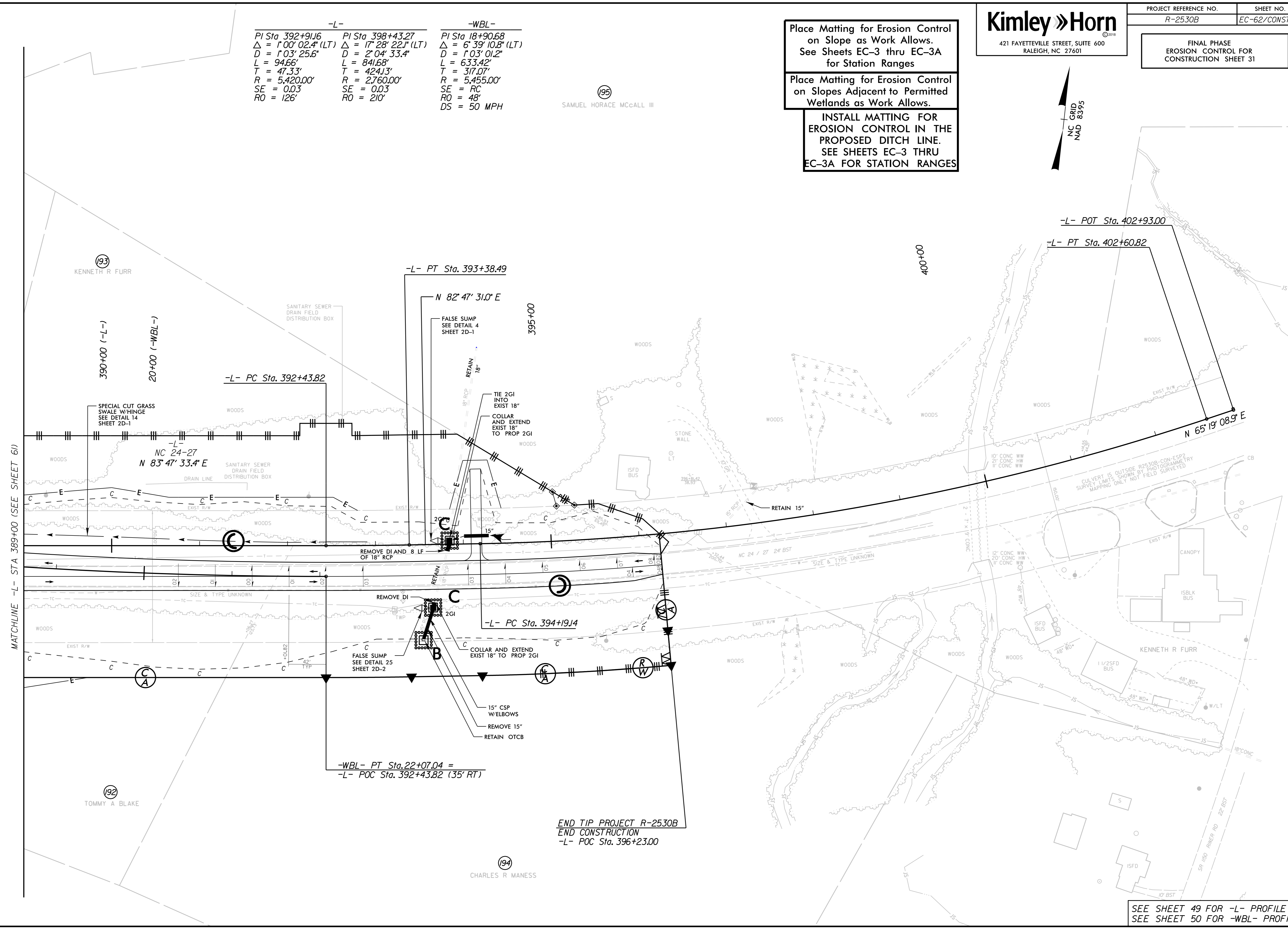
Place Matting for Erosion Control
 on Slopes Adjacent to Permitted
 Wetlands as Work Allows.

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



-L-		-WBL-
PI Sta 392+91.6	PI Sta 398+43.27	PI Sta 18+90.68
$\Delta = 1'00'02.4''$ (LT)	$\Delta = 17'28'22.1''$ (LT)	$\Delta = 6'39'10.8''$ (LT)
$D = 1'03'25.6''$	$D = 2'04'33.4''$	$D = 1'03'01.2''$
$L = 94.66'$	$L = 841.68'$	$L = 633.42'$
$T = 47.33'$	$T = 424.13'$	$T = 317.07'$
$R = 5,420.00'$	$R = 2,760.00'$	$R = 5,455.00'$
$SE = 0.03$	$SE = 0.03$	$SE = RC$
$RO = 126'$	$RO = 210'$	$RO = 48'$
		$DS = 50$ MPH

(195)
 SAMUEL HORACE MCCALL III



MATCHLINE -L- STA 389+00 (SEE SHEET 61)

END TIP PROJECT R-2530B
 END CONSTRUCTION
 -L- POC Sta. 396+23.00

SEE SHEET 49 FOR -L- PROFILE
 SEE SHEET 50 FOR -WBL- PROFILE

11/1/2018

5/14/99

Kimley Horn

PROJECT REFERENCE NO. R-2530B SHEET NO. EC-63/CONST.32

421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

FINAL PHASE
EROSION CONTROL FOR
CONSTRUCTION SHEET 32

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

-Y1-
PI Sta 12+09.99
 $\Delta = 21^{\circ} 39' 27.3''$ (RT)
D = 147' 37.9"
L = 1207.32'
T = 610.95'
R = 3194.00'
SE = 0.03
RO = 138'

BEGIN CONSTRUCTION
-Y1- POC Sta. 9+00.00
BEGIN MILLING & RESURFACING
AREA UNDER CONSTRUCTION

END MILLING & RESURFACING
BEGIN GRADE
-Y1- POC Sta. 10+76.00

-Y1- POC Sta. 11+25.05 =
-Y2- POT Sta. 10+00.00
 $\Delta = 96^{\circ} 52' 29.0''$

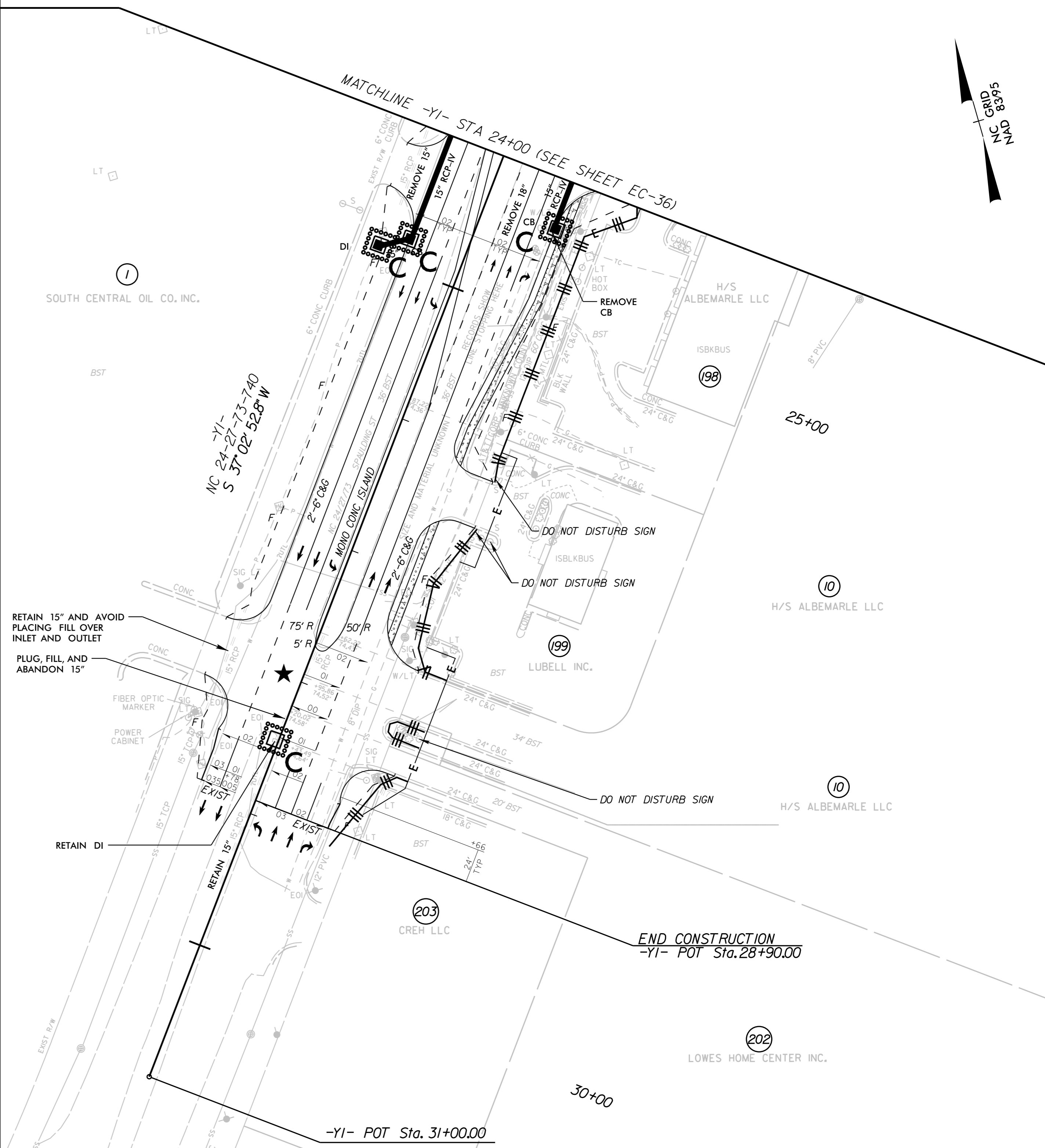
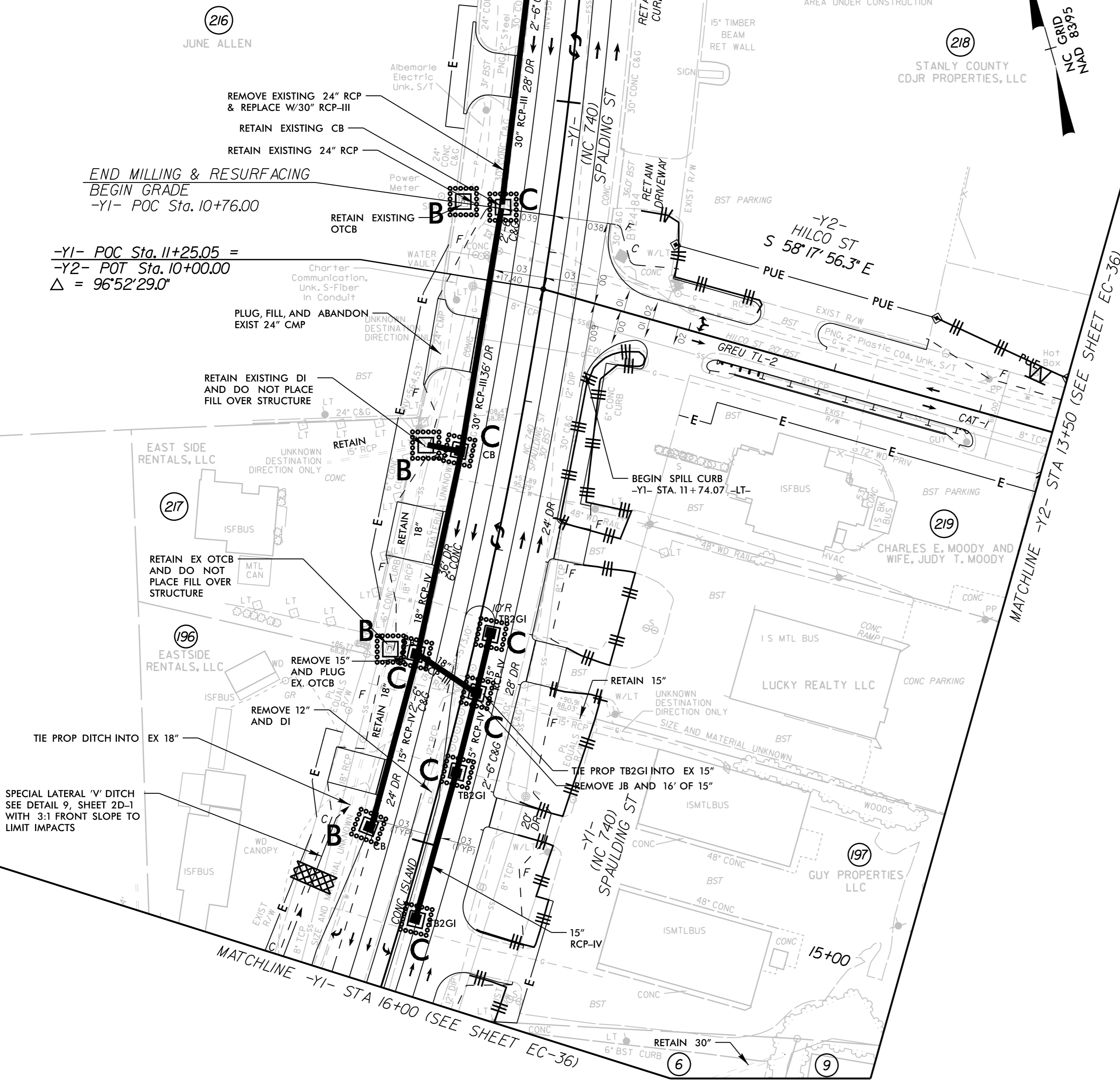
-Y2-
HILCO ST
S 58° 17' 56.3" E

MATCHLINE -Y1- STA 24+00 (SEE SHEET EC-36)

MC 24-27-73-740
S 37° 02' 52.8" W

END CONSTRUCTION
-Y1- POT Sta. 28+90.00

-Y1- POT Sta. 31+00.00



- 6 KALOGEROMITROS BROTHERS PROP. DB 820 PG 313
- 9 KALOGEROMITROS BROTHERS PROP. DB 898 PG 417

SEE SHEET 2B-1 FOR INTERSECTION DETAILS
SEE SHEET 51 FOR -Y1- PROFILE
SEE SHEET 52 FOR -Y2- PROFILE

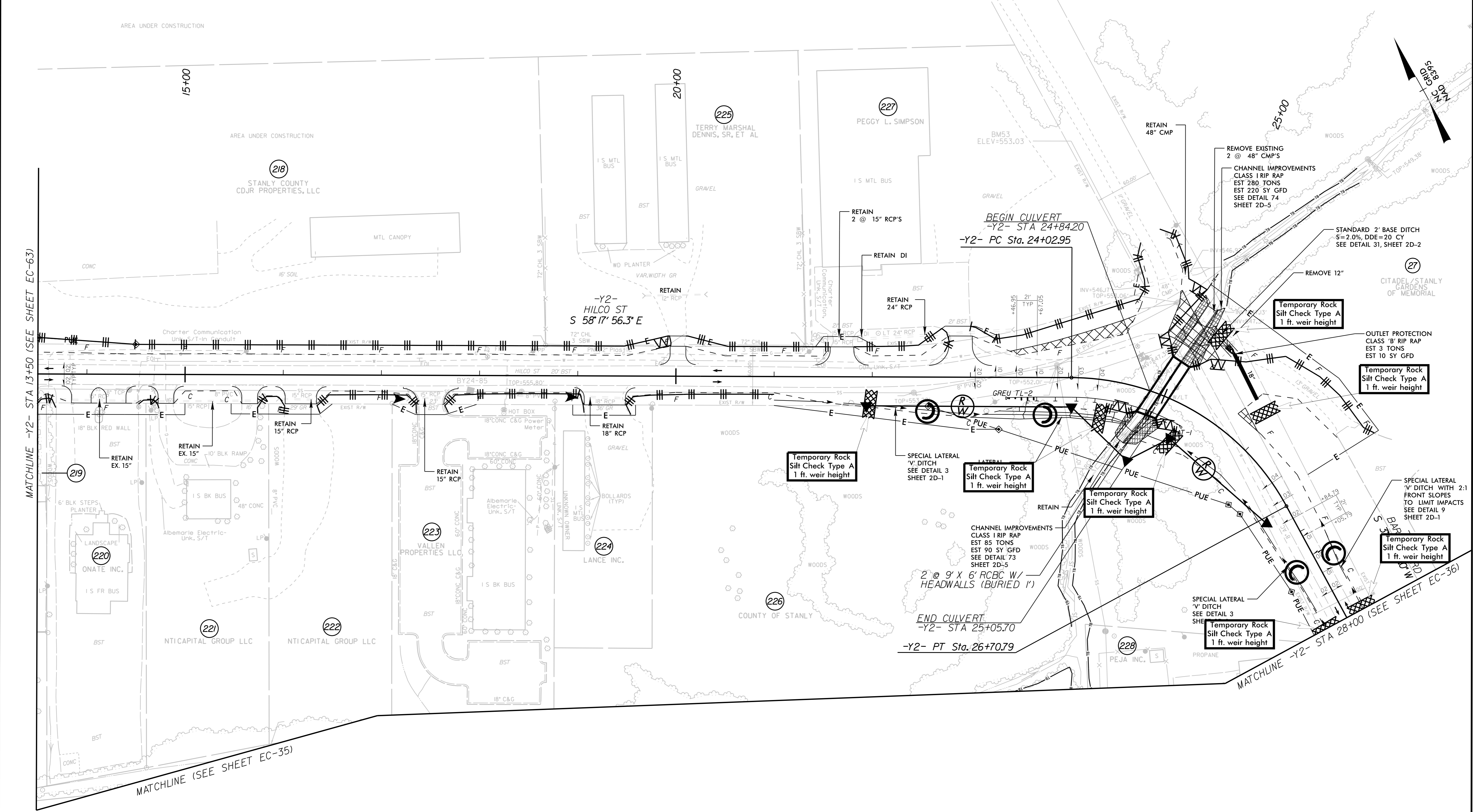
★ TRAFFIC SIGNAL
SEE SHEET 51 FOR -Y1- PROFILE

11/1/2018

5/14/99
 204 KEITH & NANCY CARPENTER DB 1457 PG 249
 205 DIANE AUSTIN DB 386 PG 507

-Y2-
 PI Sta 25+51.34
 $\Delta = 61' 23" 01.3" (RT)$
 $D = 22' 55" 05.9"$
 $L = 267.84'$
 $T = 148.39'$
 $*R = 250.00' (DS = 30 MPH)$
 $SE = 0.04$
 $RO = 84'$

REVISIONS



11/1/2008

*DESIGN EXCEPTION REQUIRED FOR MINIMUM HORIZONTAL CURVE RADIUS SEE SHEET 52 FOR -Y2- PROFILE