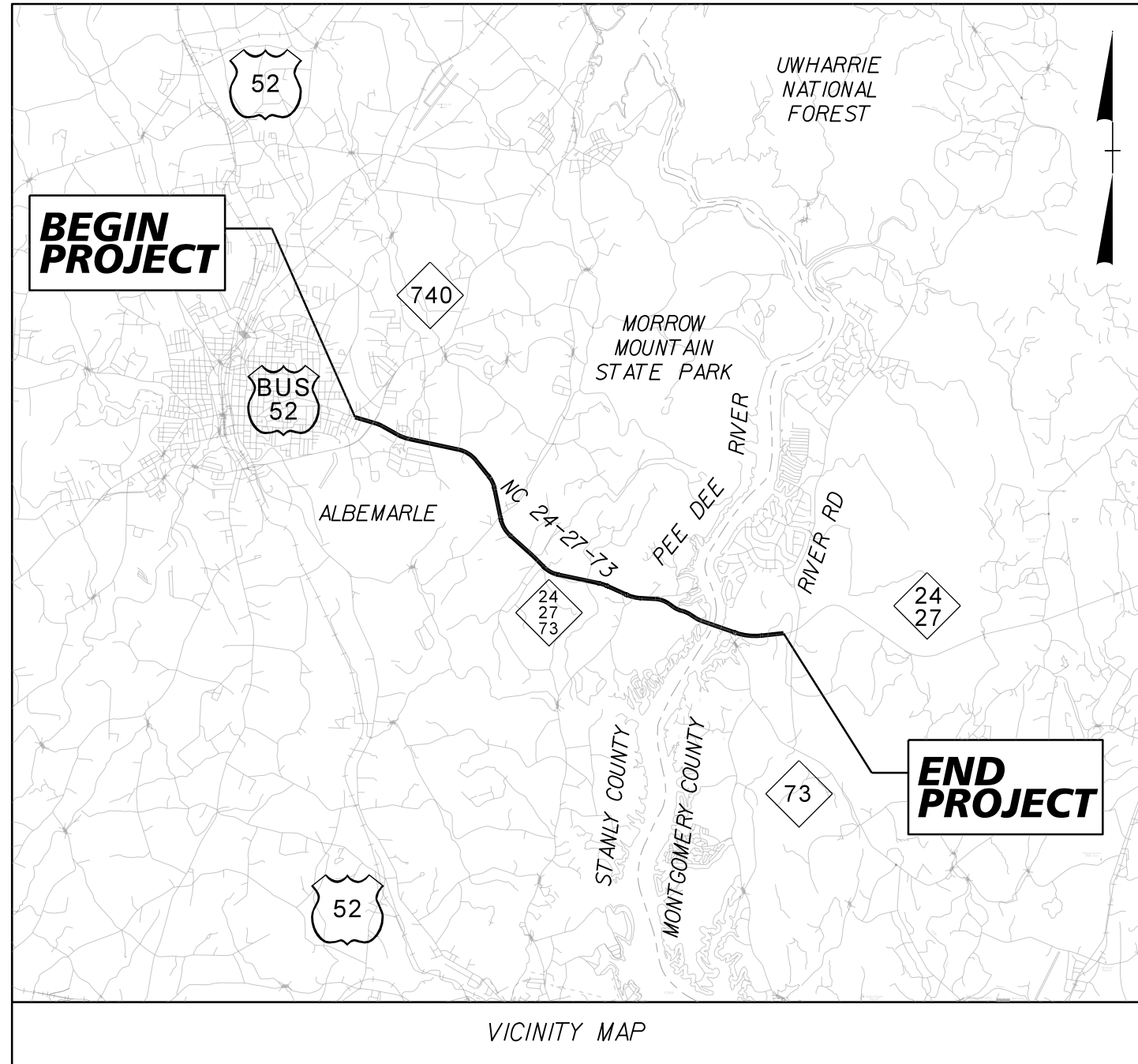


09/08/99

\$DATE\$

TIP PROJECT: R-2530B/B-4974

CONTRACT: C203751



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

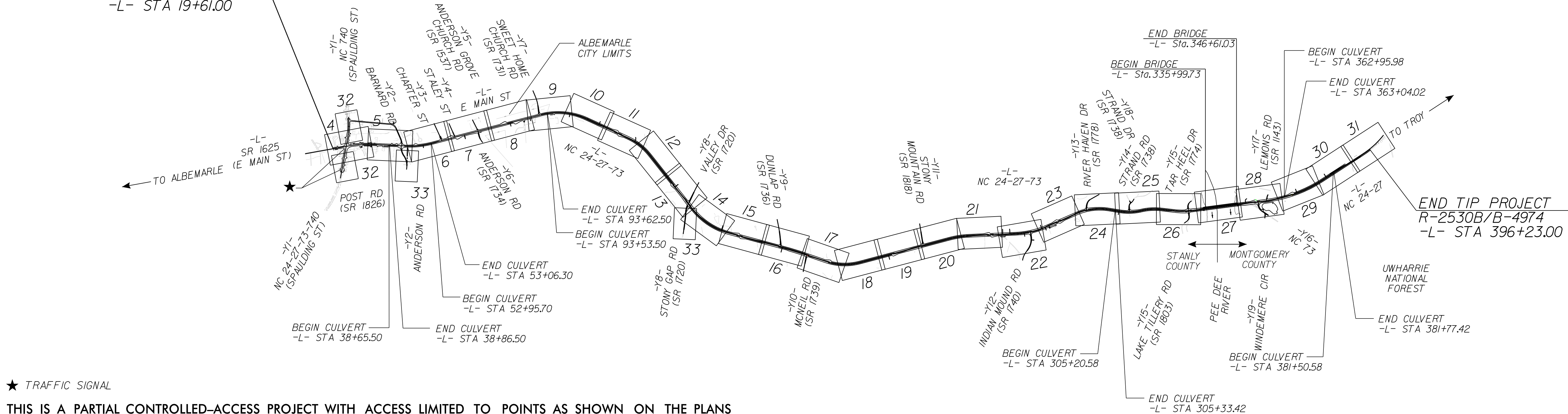
STANLY & MONTGOMERY COUNTIES

LOCATION: NC 24-27 FROM NC 740 IN ALBEMARLE TO EAST OF THE PEE DEE RIVER

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2530B/B-4974	1	
STATE PROJ.NO.	F.A.PROJ.NO.	DESCRIPTION	
34446.1.6		P.E. (R-2530B)	
39922.1.1	BRSTP-0024(33)	P.E. (B-4974)	
34446.2.5	STBG-0024(083)	R/W (R-2530B)	
39922.1.1		R/W (B-4974)	
34446.2.6	STBG-0024(083)	UTL (R-2530B)	
39922.1.1		UTL (B-4974)	

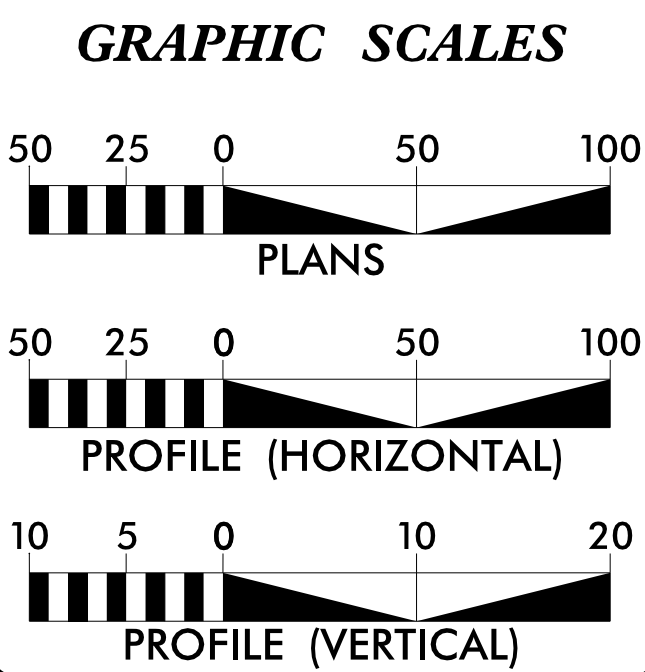
BEGIN TIP PROJECT
R-2530B/B-4974
-L- STA 19+61.00



★ TRAFFIC SIGNAL

THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS LIMITED TO POINTS AS SHOWN ON THE PLANS
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III
A PORTION OF THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF ALBEMARLE

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

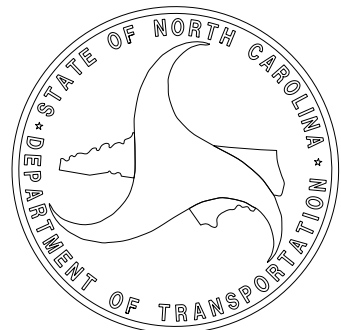


DESIGN DATA	
AADT 2019 =	16,400
AADT 2039 =	21,500
K =	9%
D =	55%
T =	10%*
V =	50/60 MPH
* (TTST 4% + DUAL 6%)	
FUNCTIONAL CLASSIFICATION:	
URBAN/RURAL ARTERIAL	
REGIONAL TIER	

PROJECT LENGTH	
LENGTH ROADWAY TIP PROJECT R-2530B /B-4974 =	6.932 MILES
LENGTH STRUCTURE TIP PROJECT R-2530B /B-4974 =	0.201 MILES
TOTAL LENGTH TIP PROJECT R-2530B /B-4974 =	7.133 MILES

PLANS PREPARED FOR THE NCDOT BY:	
2012 STANDARD SPECIFICATIONS	
RIGHT OF WAY DATE: MAY 19, 2017	
LETTING DATE: MARCH 19, 2019	
KimleyHorn ©2017 N.C. LICENSE #P-0012 REGISTERED PROFESSIONAL ENGINEER RALEIGH, NORTH CAROLINA 27601 PHONE: (919) 877-2000	
JEFFREY W. MOORE, P.E. PROJECT ENGINEER	
RHODES S. HUNT, EIT PROJECT DESIGN ENGINEER	
THAD DUNCAN, P.E. PROJECT DESIGN ENGINEER NCDOT ROADWAY DESIGN ENGINEERING COORDINATION SECTION	

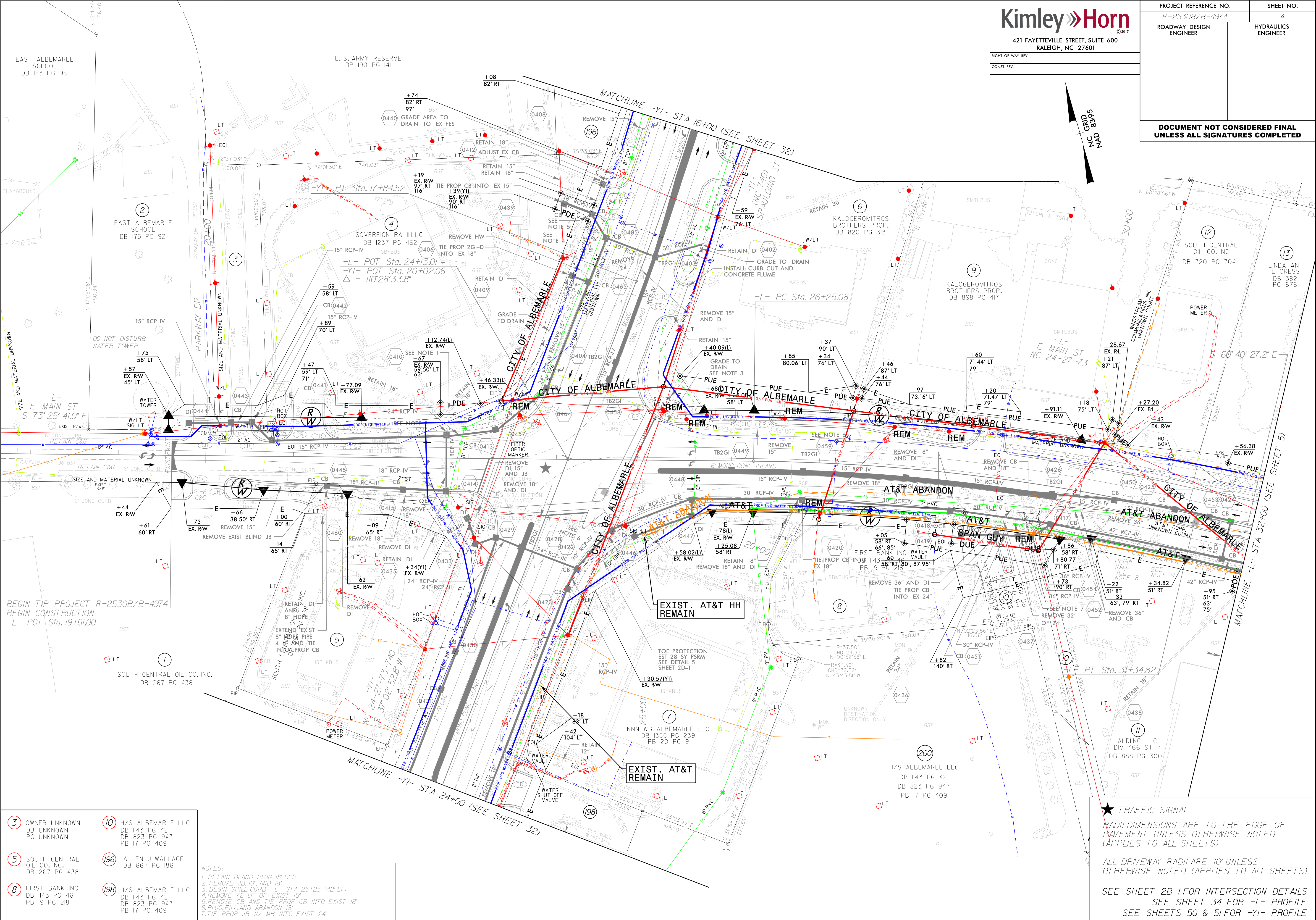
HYDRAULICS ENGINEER	
SIGNATURE: _____ P.E.	
ROADWAY DESIGN ENGINEER	
SIGNATURE: _____ P.E.	



5/14/99

REVISIONS

\$DATE\$



- | | |
|--|---|
| ③ OWNER UNKNOWN
DB UNKNOWN
PG UNKNOWN | ⑩ H/S ALBEMARLE LLC
DB 1143 PG 42
DB 823 PG 947
PB 17 PG 409 |
| ⑤ SOUTH CENTRAL
OIL CO. INC.
DB 267 PG 438 | ①96 ALLEN J WALLACE
DB 667 PG 186 |
| ⑧ FIRST BANK INC
DB 1143 PG 42
DB 823 PG 947
PB 19 PG 218 | ①98 H/S ALBEMARLE LLC
DB 1143 PG 42
DB 823 PG 947
PB 17 PG 409 |

NOTES:

1. RETAIN DI AND PLUG 18" RCP
2. REMOVE JB, 10', AND 18"
3. BEGIN SPILL CURB - STA 25+25 (42' LT)
4. REMOVE 12' LF OF EXIST 15"
5. REMOVE CB AND TIE PROP CB INTO EXIST 18"
6. PLUG, FILL, AND ABANDON 18"
7. TIE PROP JB W/ WH INTO EXIST 24"

★ TRAFFIC SIGNAL

RADI DIMENSIONS ARE TO THE EDGE OF
PAVEMENT UNLESS OTHERWISE NOTED
(APPLIES TO ALL SHEETS)

ALL DRIVEWAY RADI ARE 10' UNLESS
OTHERWISE NOTED (APPLIES TO ALL SHEETS)

SEE SHEET 2B-1 FOR INTERSECTION DETAILS
SEE SHEET 34 FOR -L- PROFILE
SEE SHEETS 50 & 51 FOR -YI- PROFILE

5/14/99

- 13 LINDA AN L CRESS
DB 382 PG 676
- 20 STANLY SQUARE INC.
DB 383 PG 886
PB 13 PG 60
- 25 DELLA L HUDSON
DB 248 PG 428
- 28 CHARLES E. & NANCY T. BURRIS
DB 872 PG 643
PB 02 PG 106
- 33 V F W POST 2908
DB 150 PG 66
- 204 KEITH & NANCY CARPENTER
DB 1457 PG 249
- 205 DIANE AUSTIN
DB 386 PG 507

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.

R-2530B/B-4974

SHEET NO.

5

ROADWAY DESIGN
ENGINEER

HYDRAULICS
ENGINEER

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UNLESS ALL SIGNATURES COMPLETED

REVISIONS

MATCHLINE -L- STA 32+00 (SEE SHEET 4)

MATCHLINE -L- STA 46+00 (SEE SHEET 6)

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

REVISIONS

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DONALD A. WALTER
DB 592 PG 257

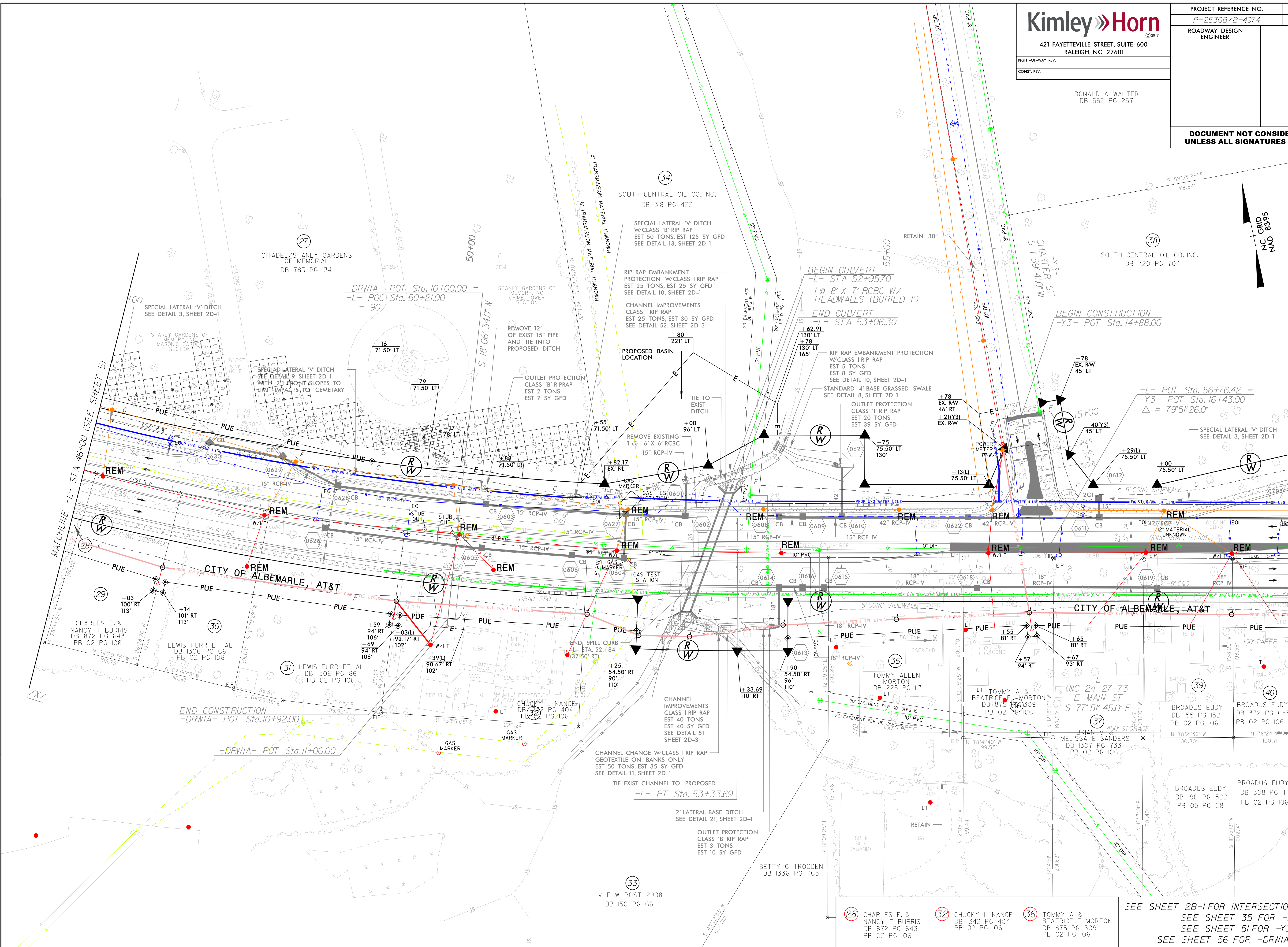
PROJECT REFERENCE NO.
R-2530B/B-4974

ROADWAY DESIGN
ENGINEER

SHEET NO.
6

HYDRAULICS
ENGINEER

DOCUMENT NOT CONSIDERED FINAL
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- 28 CHARLES E. & NANCY T. BURRIS DB 872 PG 643 PB 02 PG 106
- 32 CHUCKY L. NANCE DB 1342 PG 404 PB 02 PG 106
- 36 TOMMY A. & BEATRICE E. MORTON DB 875 PG 309 PB 02 PG 106

SEE SHEET 2B-1 FOR INTERSECTION DETAILS
SEE SHEET 35 FOR -L- PROFILE
SEE SHEET 51 FOR -Y3- PROFILE
SEE SHEET 56 FOR -DRWIA- PROFILE

SEE SHEET 50 FOR DRAWING PROFILE

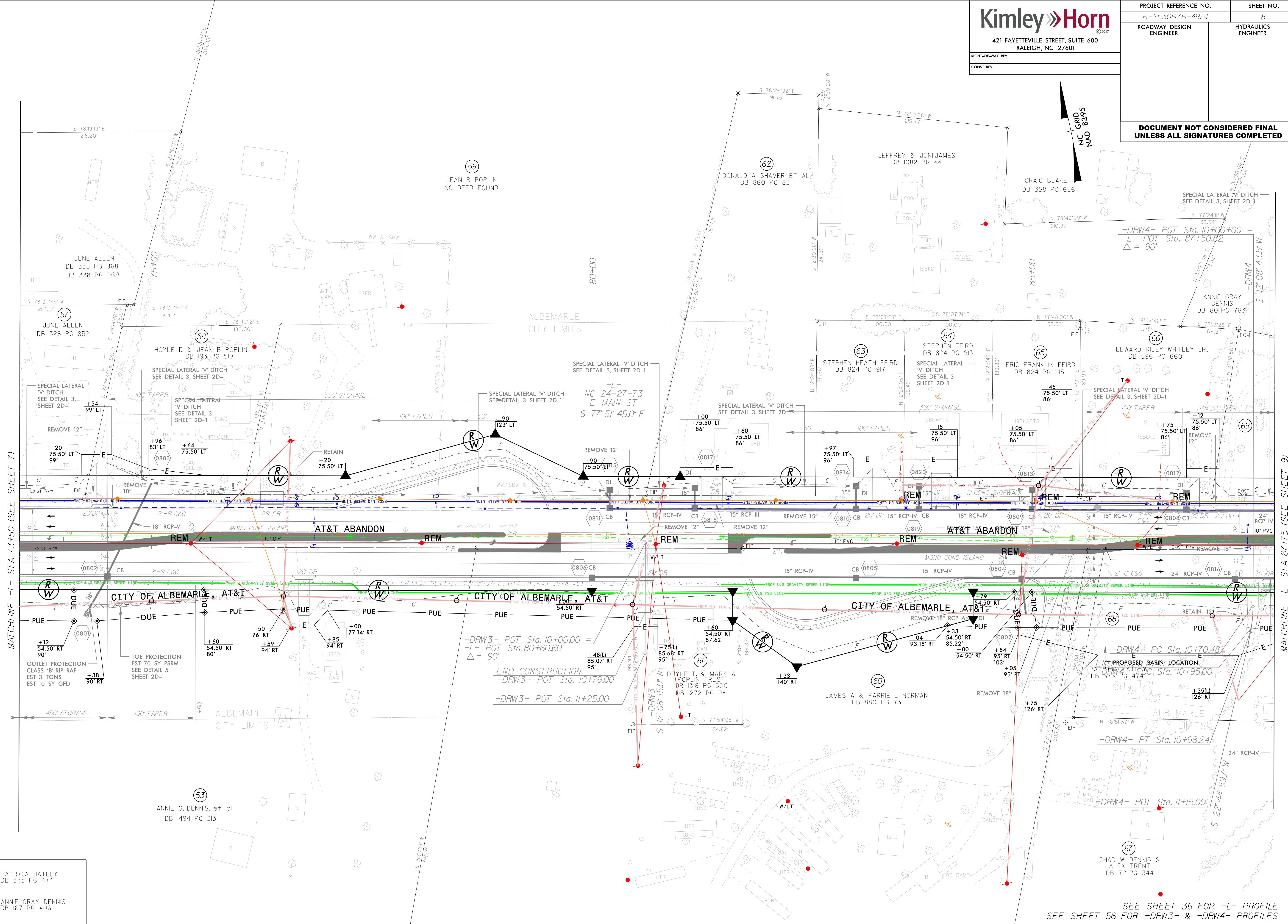
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PROJECT REFERENCE NO. R-2530B/B-4974		SHEET NO. 8
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

REVISIONS



- 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

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R-2530B/B-4974

SHEET NO.

9

ROADWAY DESIGN
ENGINEER

HYDRAULICS
ENGINEER

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REVISIONS

- 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

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

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

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R-2530B/B-4974

SHEET NO.

10

ROADWAY DESIGN
ENGINEER

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ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

89 WESFELL LIMITED
PARTNERSHIP
DB 966 PG 1000
DB 964 PG 621

85 JAMES J SCHAD
DB 1081 PG 427

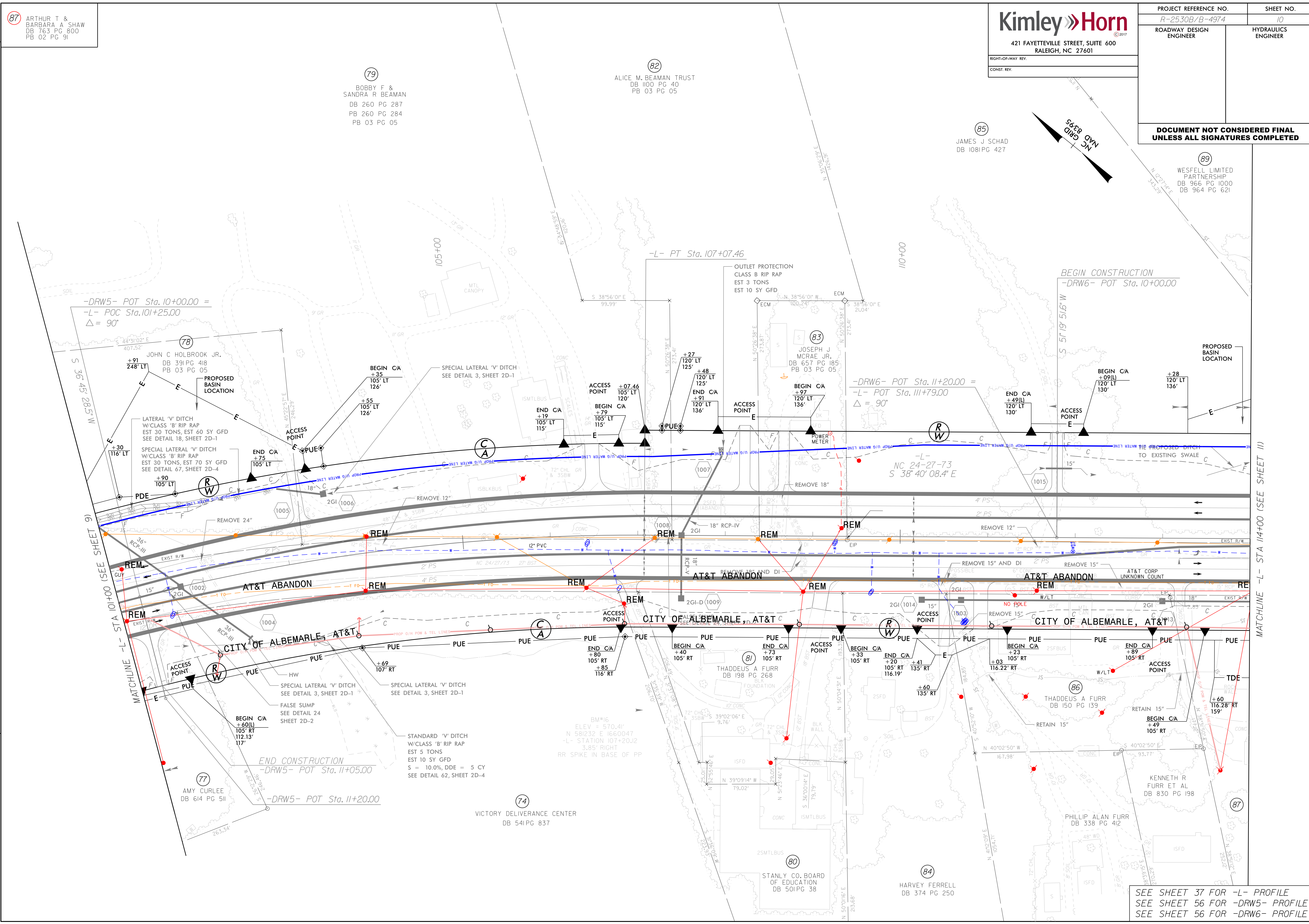
82 ALICE M. BEAMAN TRUST
DB 1100 PG 40
PB 03 PG 05

79 BOBBY F &
SANDRA R BEAMAN
DB 260 PG 287
PB 260 PG 284
PB 03 PG 05

REVISIONS

MATCHLINE -L- STA 114+00 (SEE SHEET 11)

\$DATE\$



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

5/14/99

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CONST. REV.

PROJECT REFERENCE NO.

R-2530B/B-4974

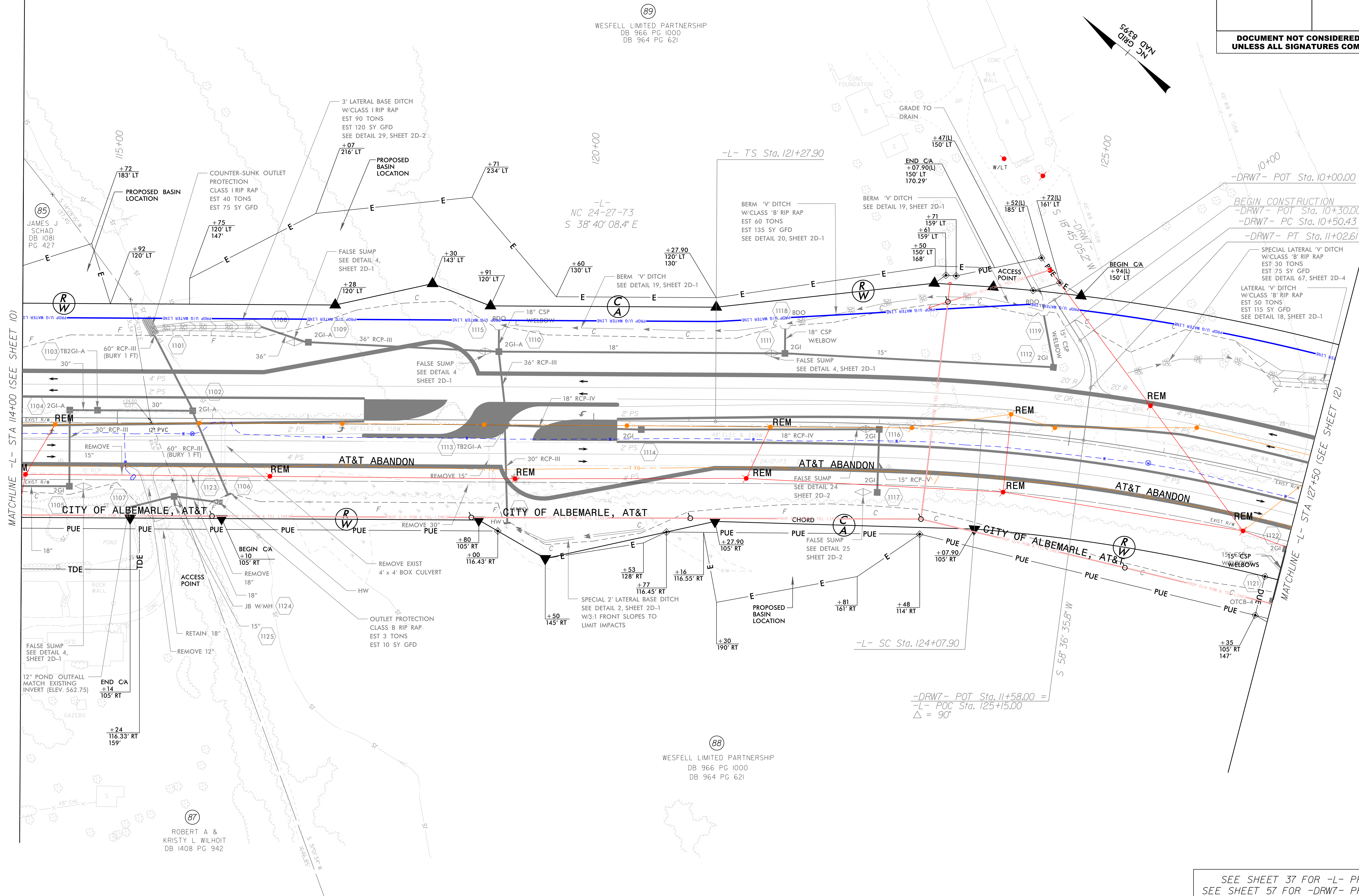
ROADWAY DESIGN
ENGINEER

SHEET NO.

11

HYDRAULICS
ENGINEER

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

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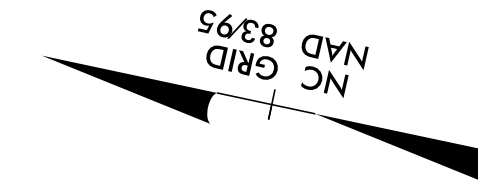
PROJECT REFERENCE NO.
R-2530B/B-4974

ROADWAY DESIGN
ENGINEER

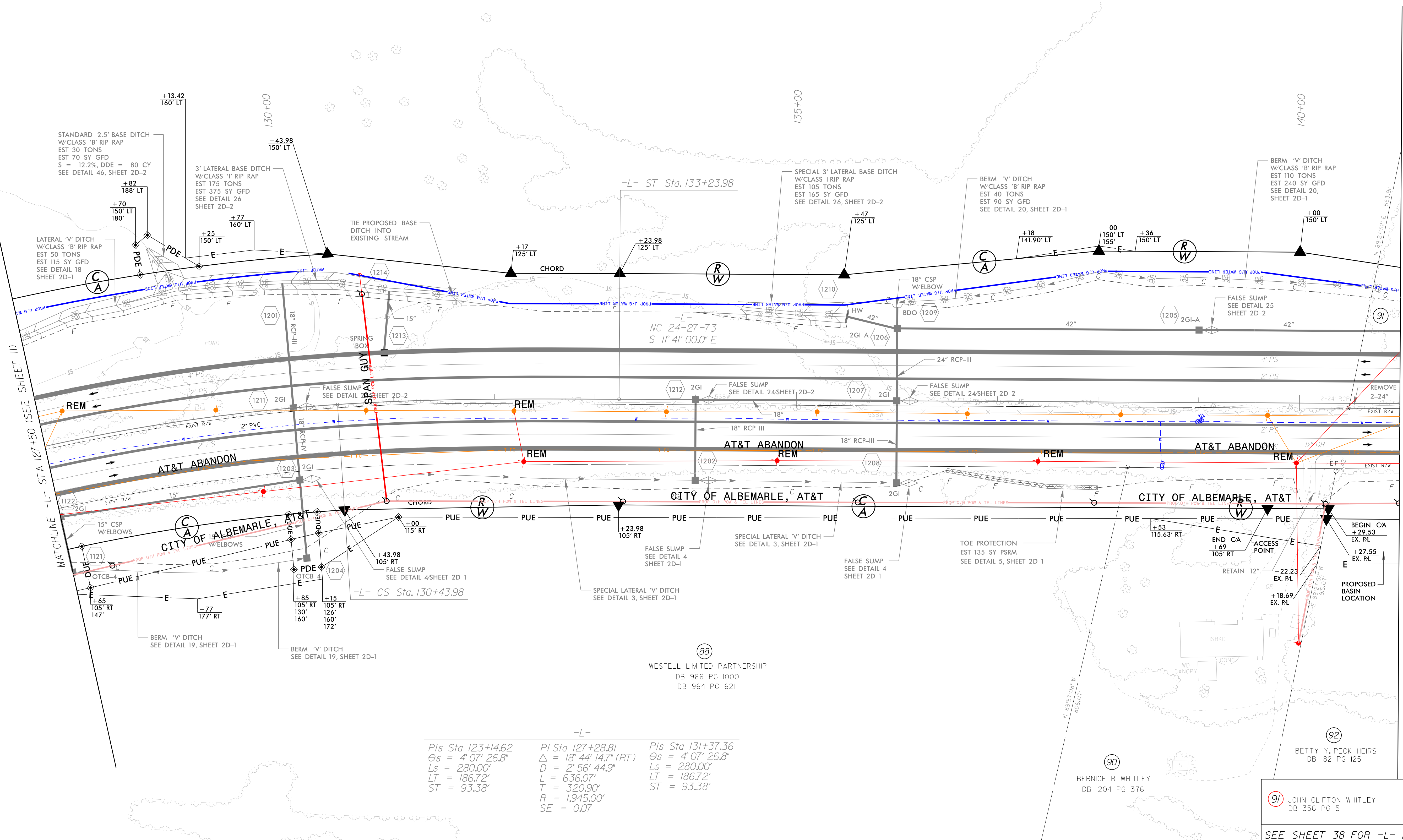
SHEET NO.
12

HYDRAULICS
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(89)
WESFELL LIMITED PARTNERSHIP
DB 966 PG 1000
DB 964 PG 621



-L-		
Pls Sta 123+14.62	Pl Sta 127+28.81	Pls Sta 131+37.36
$\Delta s = 4^{\circ} 07' 26.8''$	$\Delta = 18^{\circ} 44' 14.7''$ (RT)	$\Delta s = 4^{\circ} 07' 26.8''$
$Ls = 280.00'$	$D = 2^{\circ} 56' 44.9''$	$Ls = 280.00'$
$LT = 186.72'$	$L = 636.07'$	$LT = 186.72'$
$ST = 93.38'$	$T = 320.90'$	$ST = 93.38'$
	$R = 1,945.00'$	
	$SE = 0.07$	

(91) JOHN CLIFTON WHITLEY
DB 356 PG 5

SEE SHEET 38 FOR -L- PROFILE

5/14/99

NOTES:
1. 1/2" LATERAL BASE DITCH
SEE DETAIL 21, SHEET 2D-1
2. OUTLET PROTECTION - CLASS B RIP RAP
EST 2 TONS, EST 7 SY GFD
3. OUTLET PROTECTION - CLASS B RIP RAP
EST 2 TONS, EST 7 SY GFD

89 WESFELL LIMITED PARTNERSHIP
DB 966 PG 1000
DB 964 PG 621
97 D & G PROPERTIES
DB 540 PG 878

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

D & G PROPERTIES
DB 520 PG 159

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R-2530B/B-4974

SHEET NO.

13

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DOCUMENT NOT CONSIDERED FINAL
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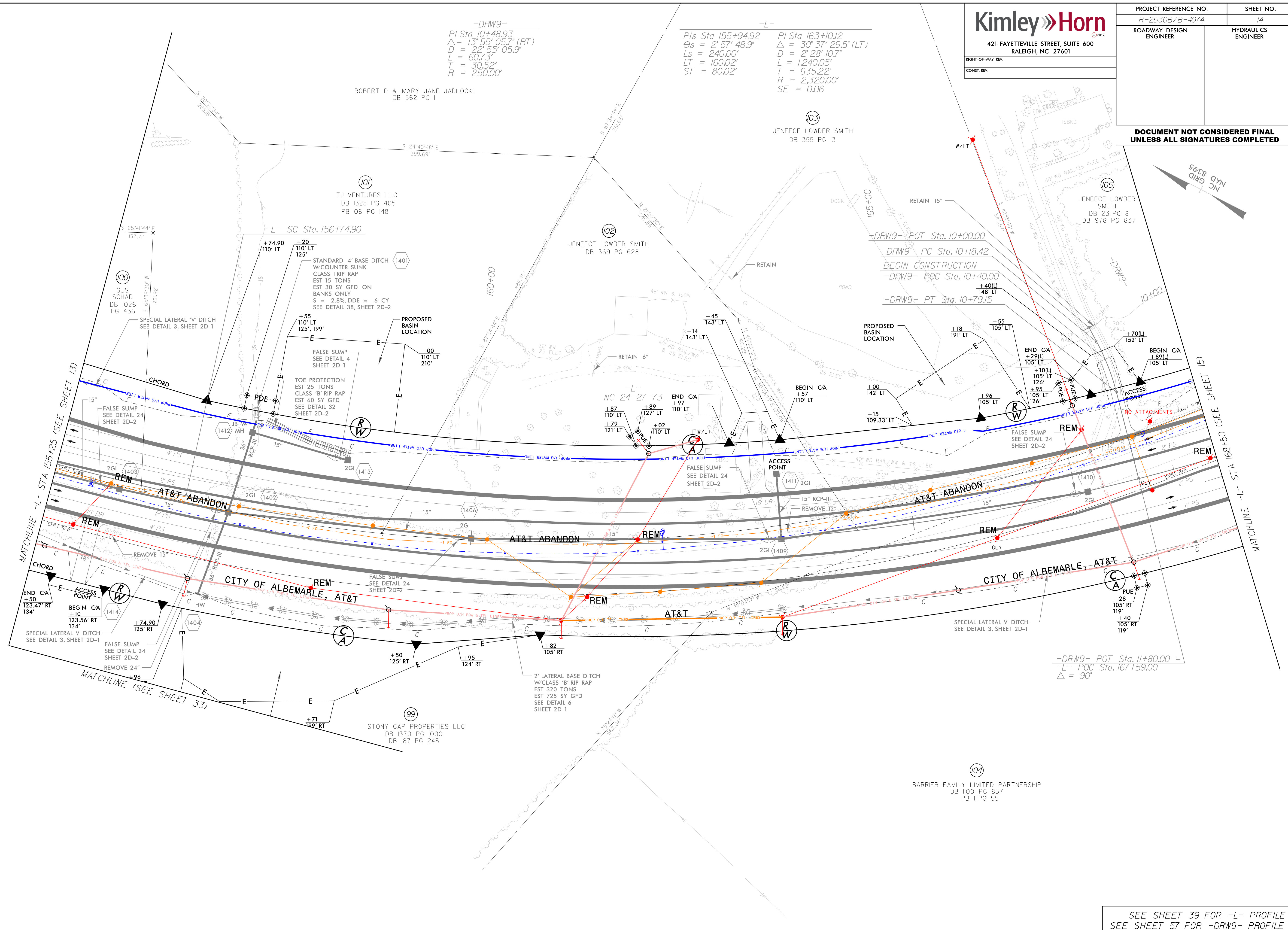
REVISIONS

MATCHLINE -L- STA 141+00 (SEE SHEET 12)

MATCHLINE -L- STA 155+25 (SEE SHEET 14)

\$DATE\$

SEE SHEET 2B-2 FOR INTERSECTION DETAILS
SEE SHEET 38 FOR -L- PROFILE
SEE SHEET 52 FOR -Y8- PROFILE
SEE SHEET 57 FOR -DRW8- PROFILE



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

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RALEIGH, NC 27601

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PROJECT REFERENCE NO.

R-2530B/B-4974

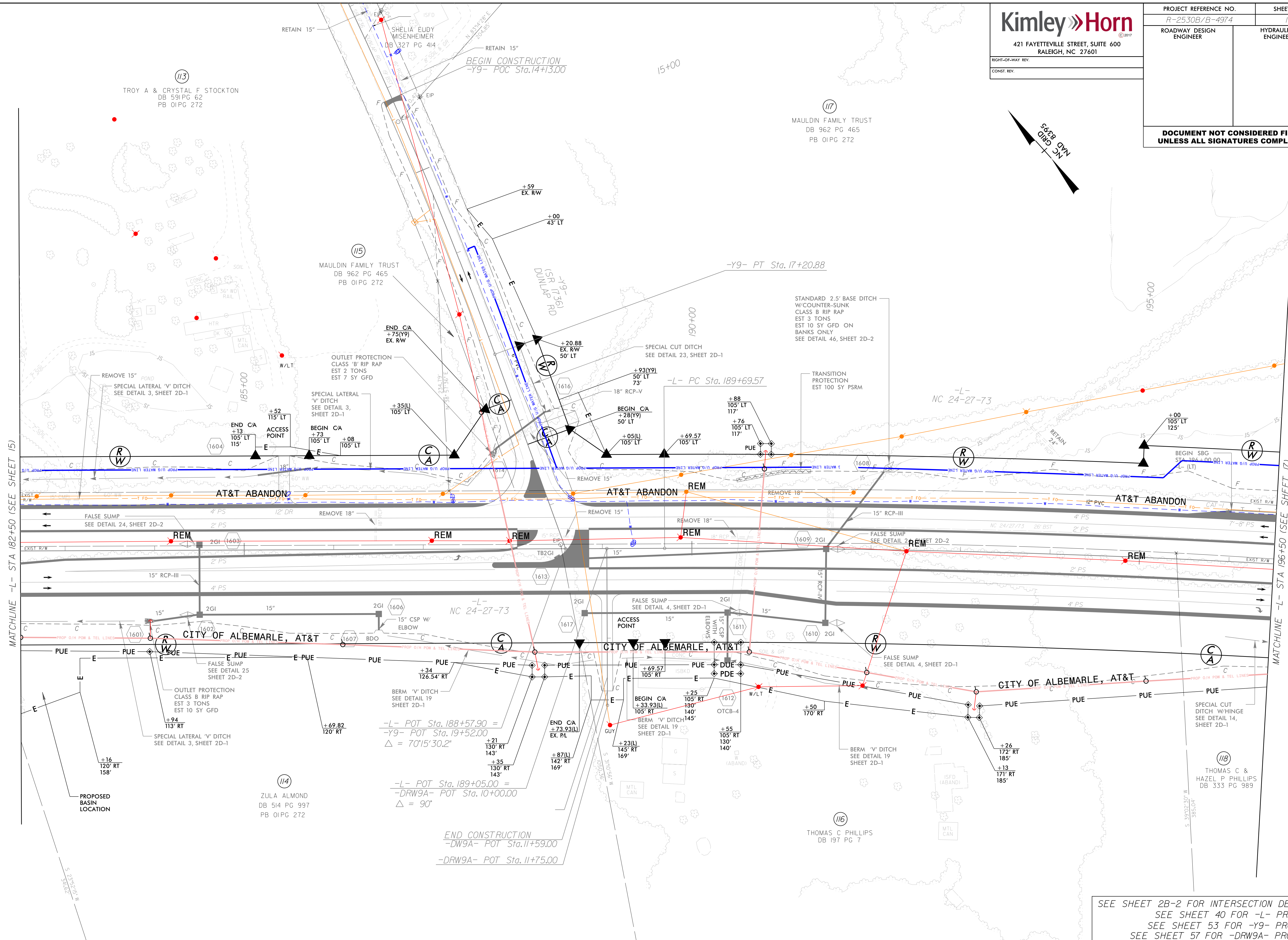
ROADWAY DESIGN
ENGINEER

SHEET NO.

16

HYDRAULICS
ENGINEER

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SEE SHEET 2B-2 FOR INTERSECTION DETAILS
SEE SHEET 40 FOR -L- PROFILE
SEE SHEET 53 FOR -Y9- PROFILE
SEE SHEET 57 FOR -DRW9A- PROFILE

5/14/99

\$DATE\$

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PROJECT REFERENCE NO.

R-2530B/B-4974

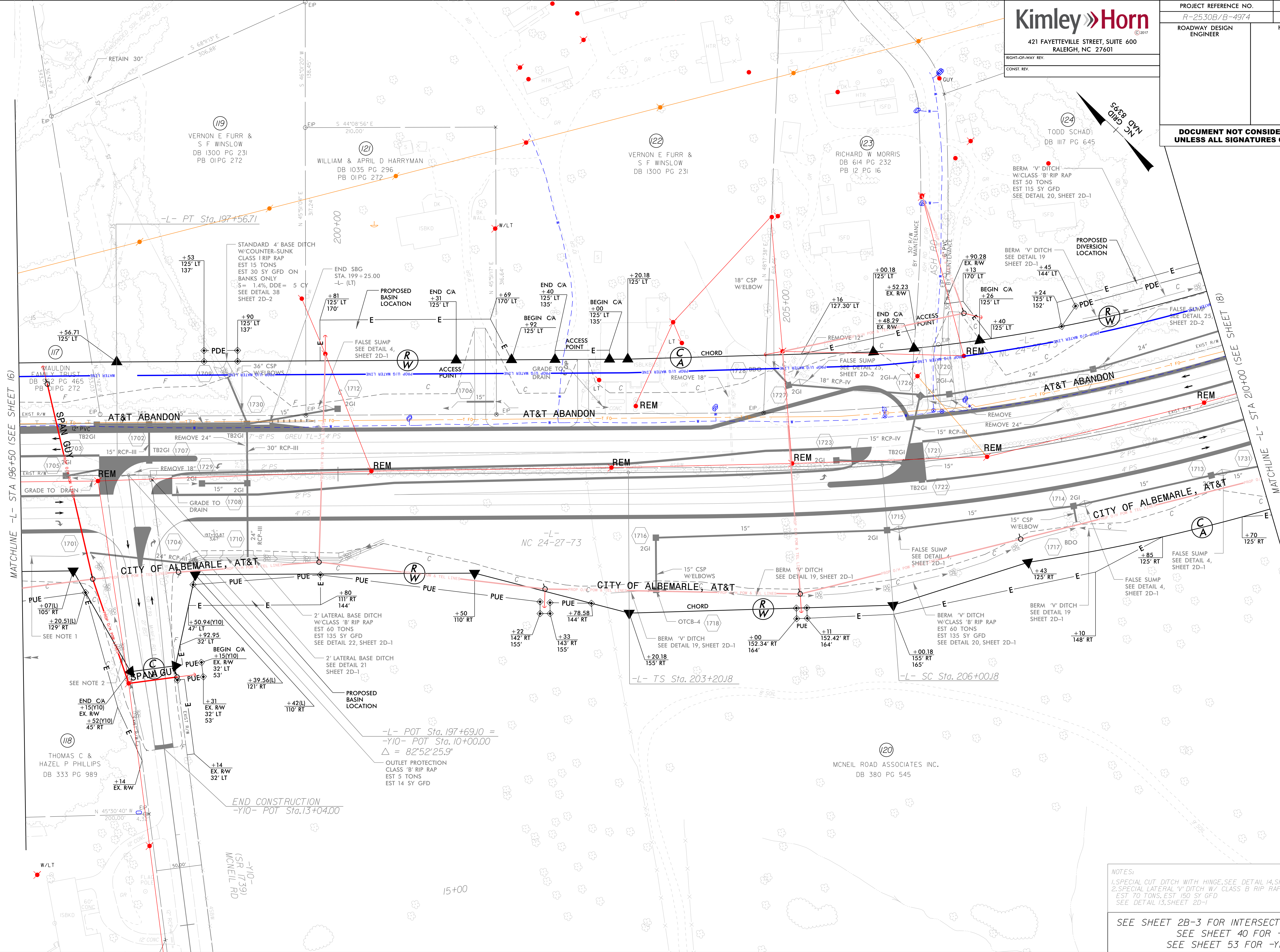
ROADWAY DESIGN
ENGINEER

SHEET NO.

17

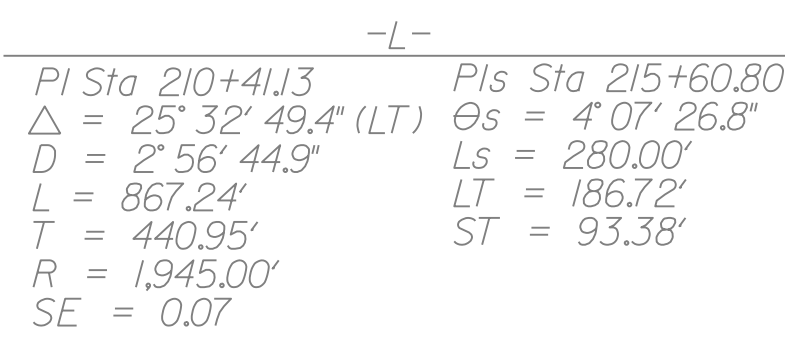
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ENGINEER

DOCUMENT NOT CONSIDERED FINAL
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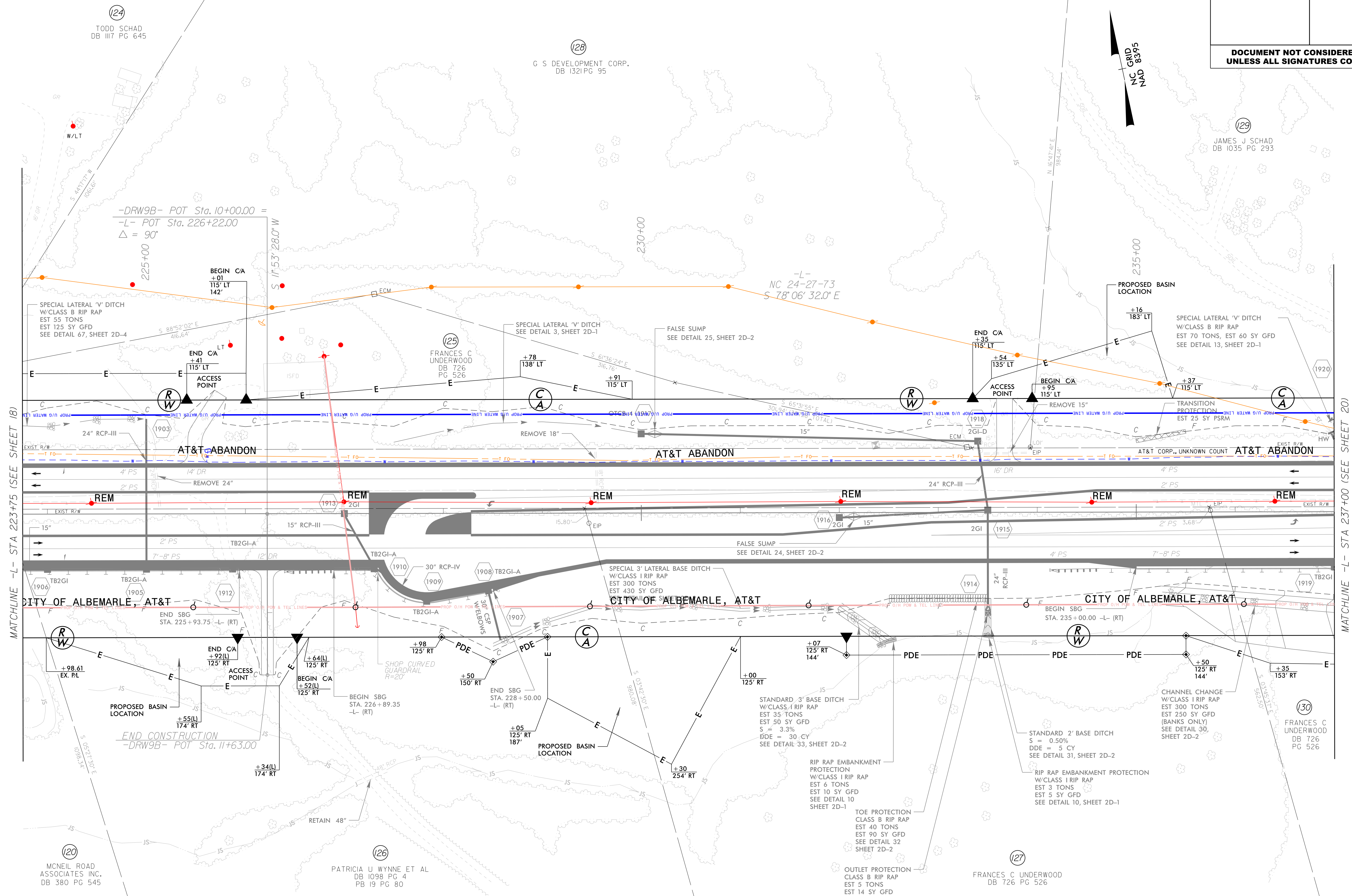
NOTES:
1. SPECIAL CUT DITCH WITH HINGE, SEE DETAIL 14, SHEET 2D-1
2. SPECIAL LATERAL 'V' DITCH W/ CLASS 'B' RIP RAP
EST 70 TONS, EST 150 SY GFD
SEE DETAIL 13, SHEET 2D-1

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

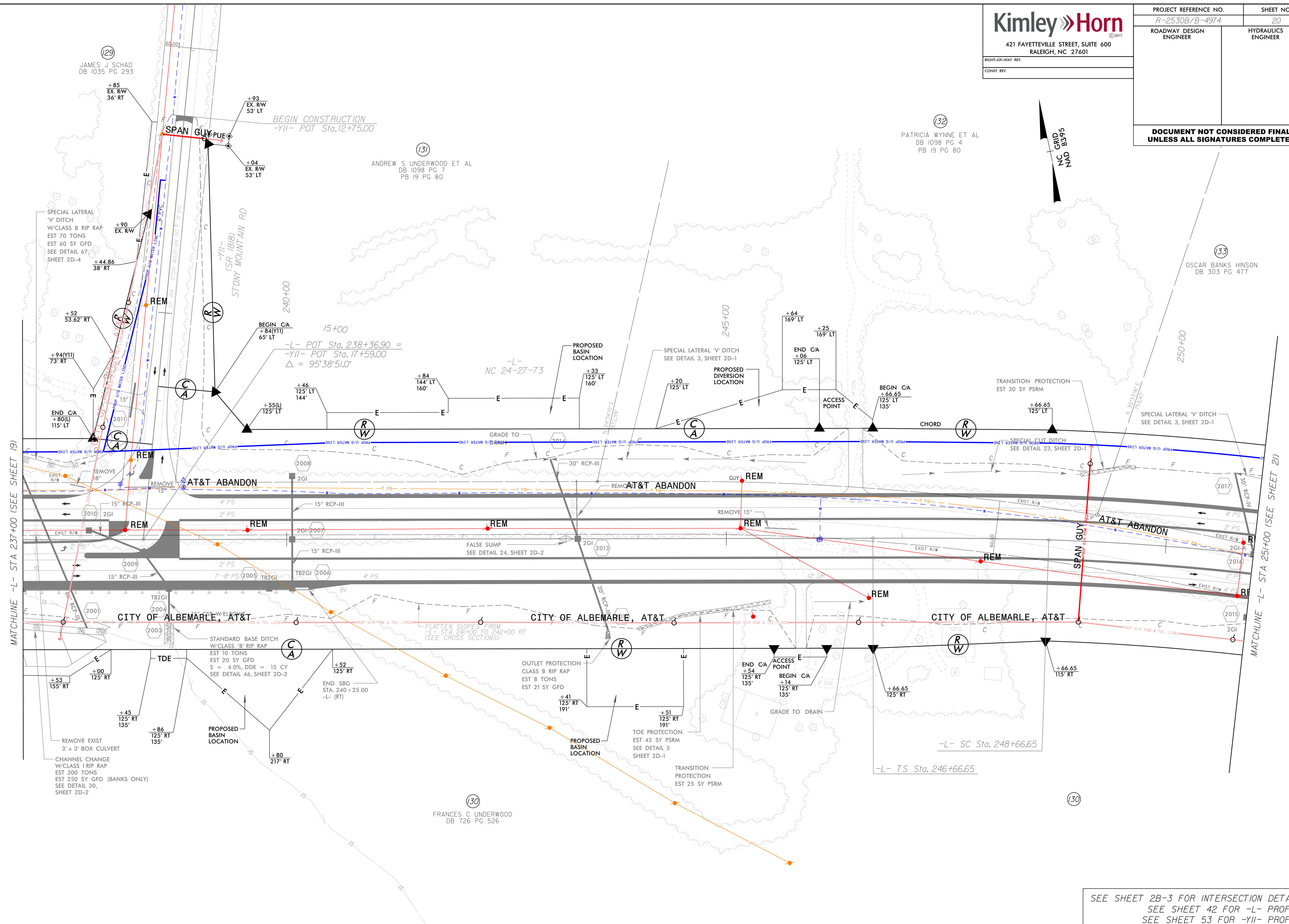


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REVISIONS



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



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

REVISIONS

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RALEIGH, NC 27601

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PROJECT REFERENCE NO.

R-2530B/B-4974

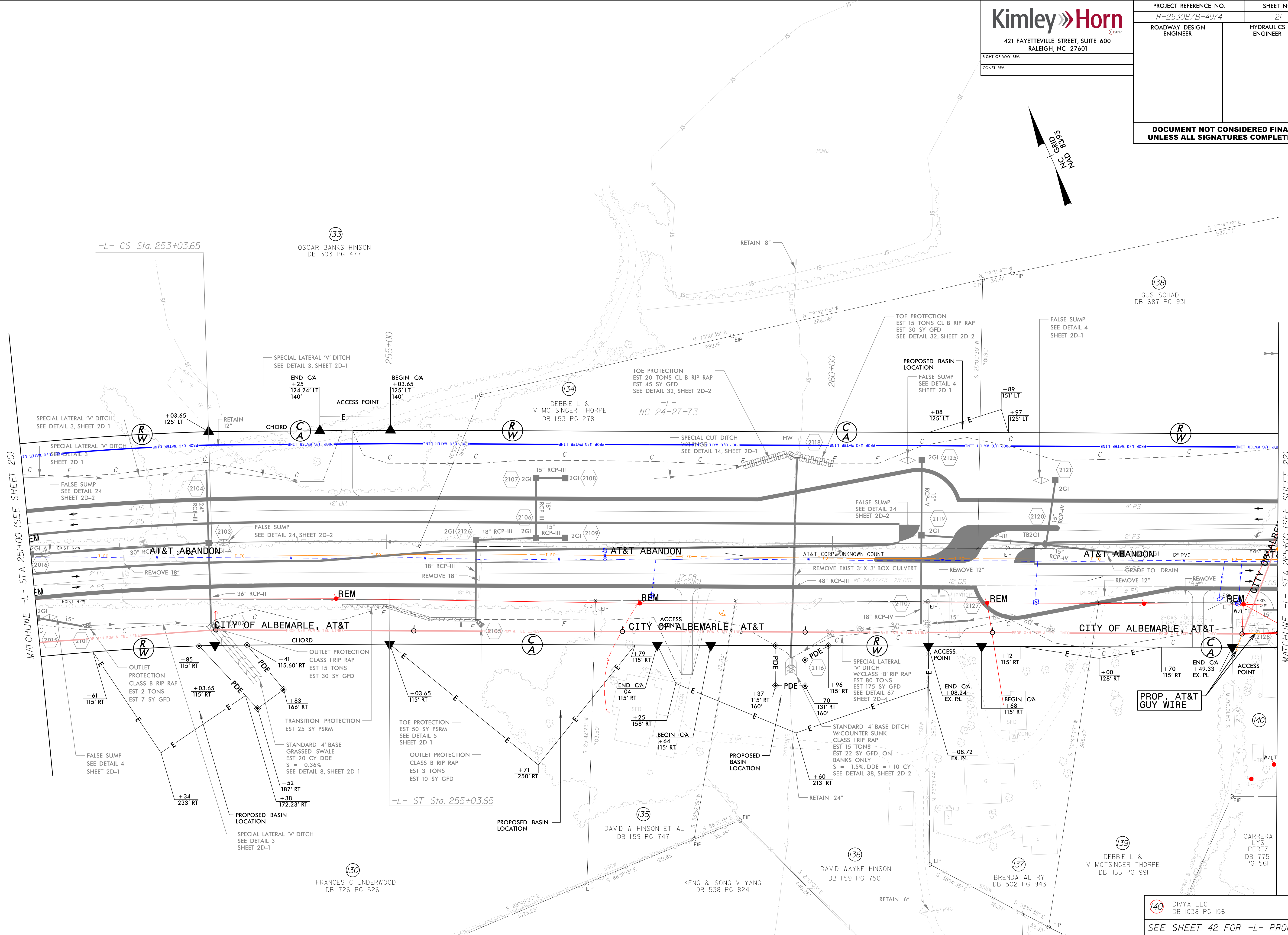
SHEET NO.

21

ROADWAY DESIGN
ENGINEER

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ENGINEER

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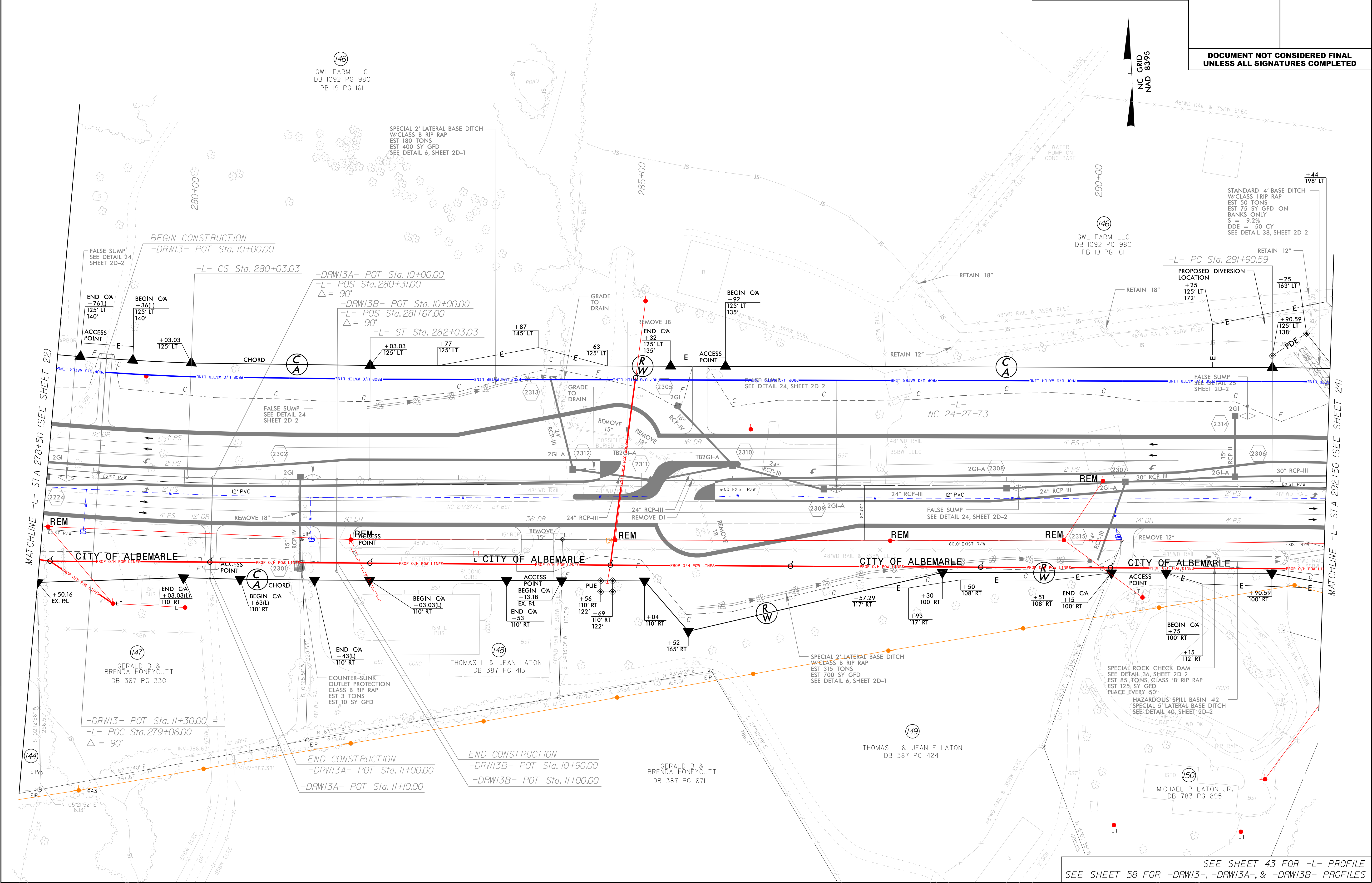
140 DIVYA LLC
DB 1038 PG 156

SEE SHEET 42 FOR -L- PROFILE

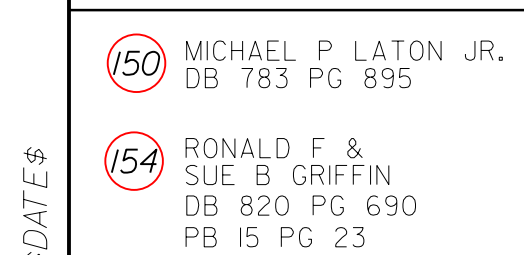
(145) STANLY WATER &
SEWER AUTHORITY
DB 1207 PG 442
LOCATION SCALED
FROM TAX MAP
NO TIE CALL IN DEED
NO IRONS FOUND

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

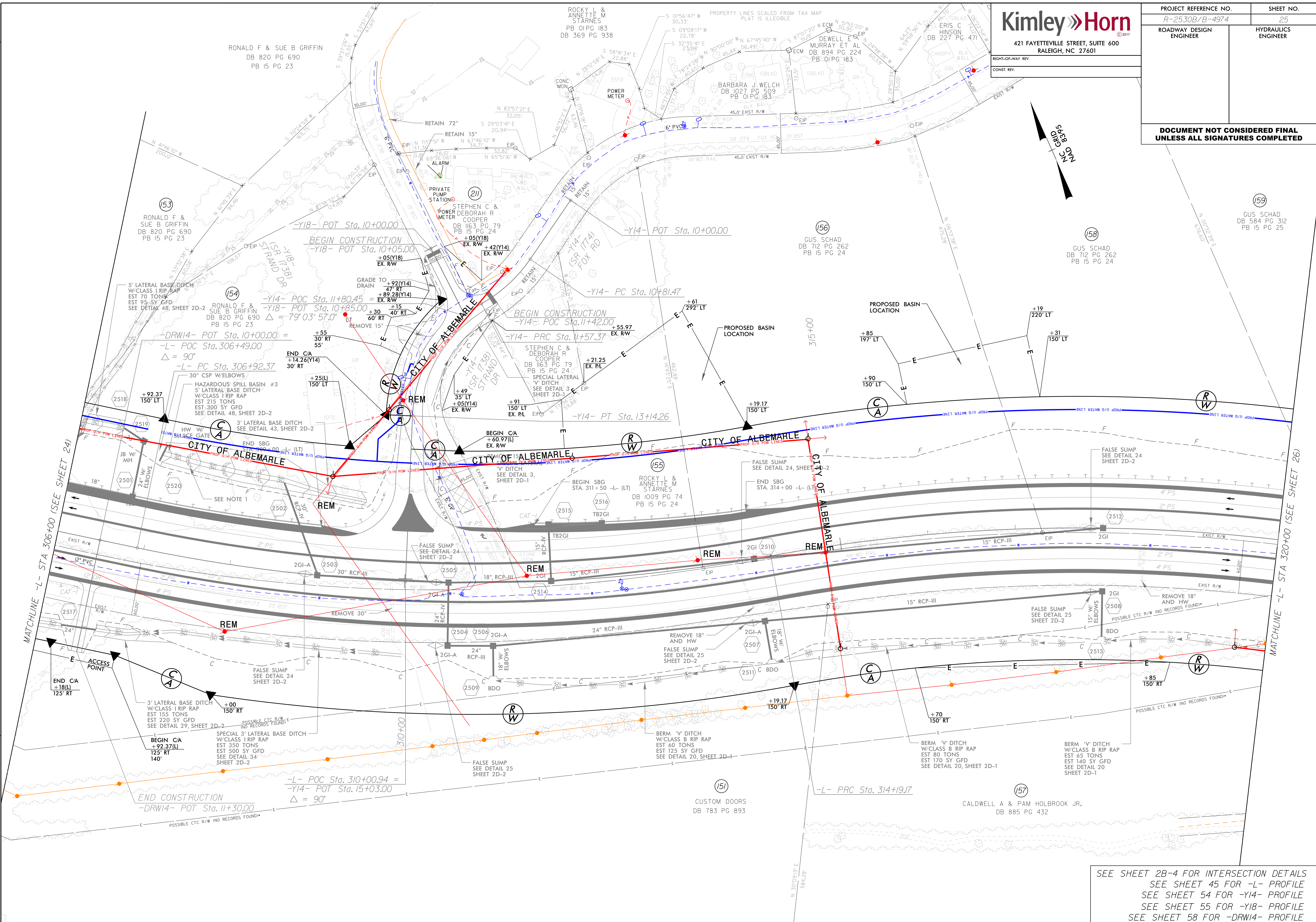
SEE SHEET 2B-3 FOR INTERSECTION DETAILS
SEE SHEET 43 FOR -L- PROFILE
SEE SHEET 53 FOR -YI2- PROFILE
SEE SHEET 57 FOR -DRWIO- & -DRWII- PROFILES
SEE SHEET 58 FOR -DRWI2- & -DRWI2A- PROFILES



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



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



SEE SHEET 2B-4 FOR INTERSECTION DETAILS
SEE SHEET 45 FOR -L- PROFILE
SEE SHEET 54 FOR -YI4- PROFILE
SEE SHEET 55 FOR -YI8- PROFILE
SEE SHEET 58 FOR -DRW14- PROFILE

5/14/99

- 158 GUS SCHAD
DB 712 PG 262
PB 15 PG 24
- 162 JEAN ANN STOLLERY
DB 758 PG 825
PB 05 PG 105
- 163 PROGRESS ENERGY
CAROLINAS, INC.
PB 15 PG 25

159 GUS SCHAD
DB 584 PG 312
PB 15 PG 25

212 KEITH CARPENTER
DB 1313 PG 556
PB 15 PG 25

160 PROGRESS ENERGY
CAROLINAS, INC.
PB 15 PG 25

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.

R-2530B/B-4974

SHEET NO.

26

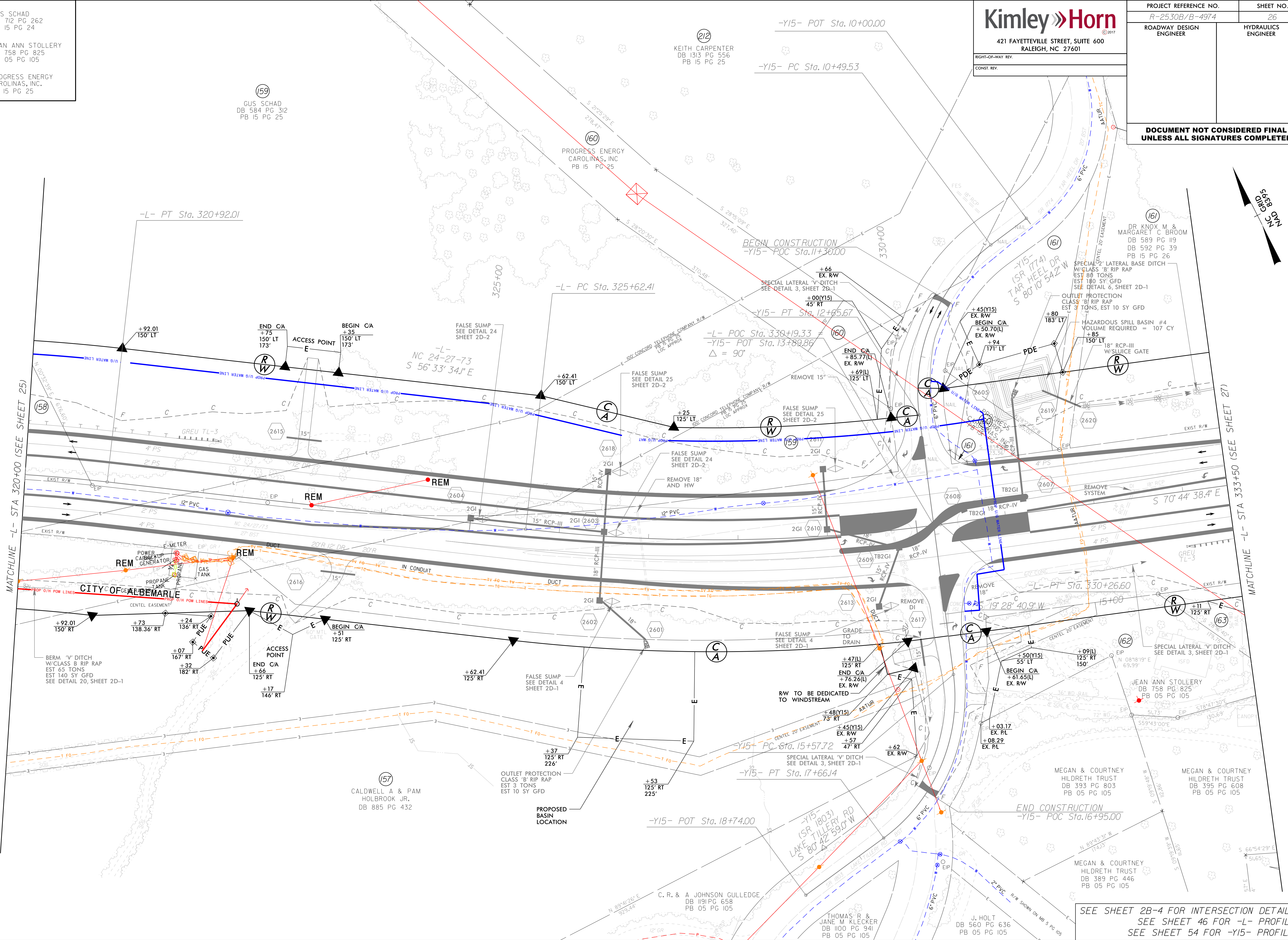
ROADWAY DESIGN
ENGINEER

HYDRAULICS
ENGINEER

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UNLESS ALL SIGNATURES COMPLETED

56°53'07" N
10°00'00" E

REVISIONS



\$DATE\$

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

5/14/99

SEE SHEETS S-1THRU S-XX FOR STRUCTURES PLANS
SEE SHEET 47 FOR -L- PROFILE

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

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CONST. REV.

PROJECT REFERENCE NO.

R-2530B/B-4974

SHEET NO.

27

ROADWAY DESIGN
ENGINEER

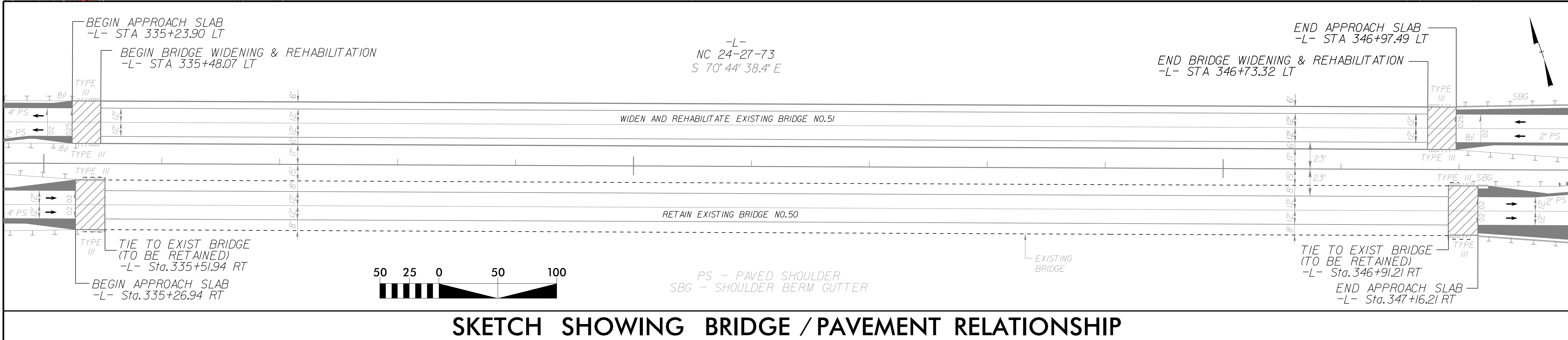
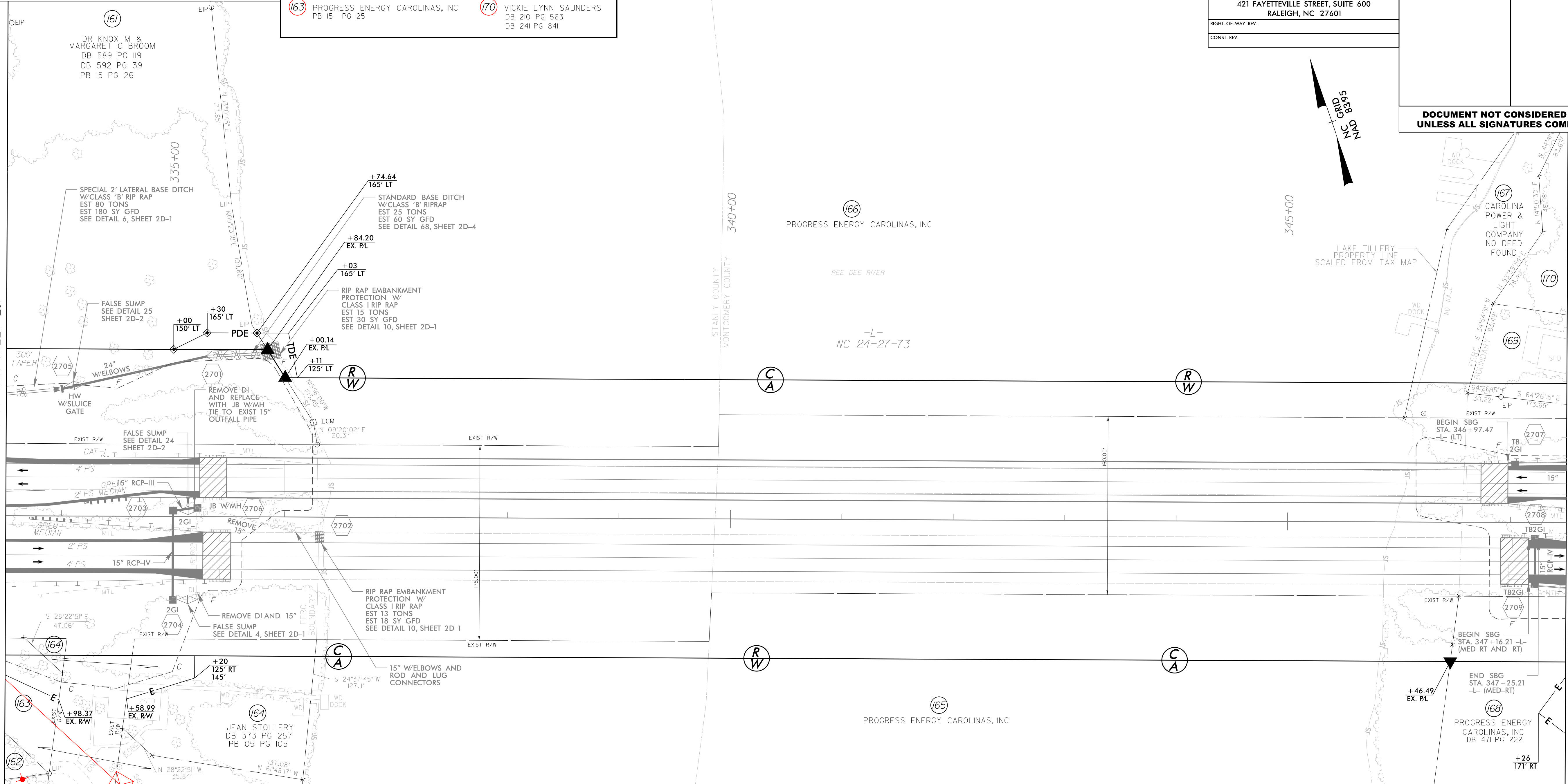
HYDRAULICS
ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

REVISIONS

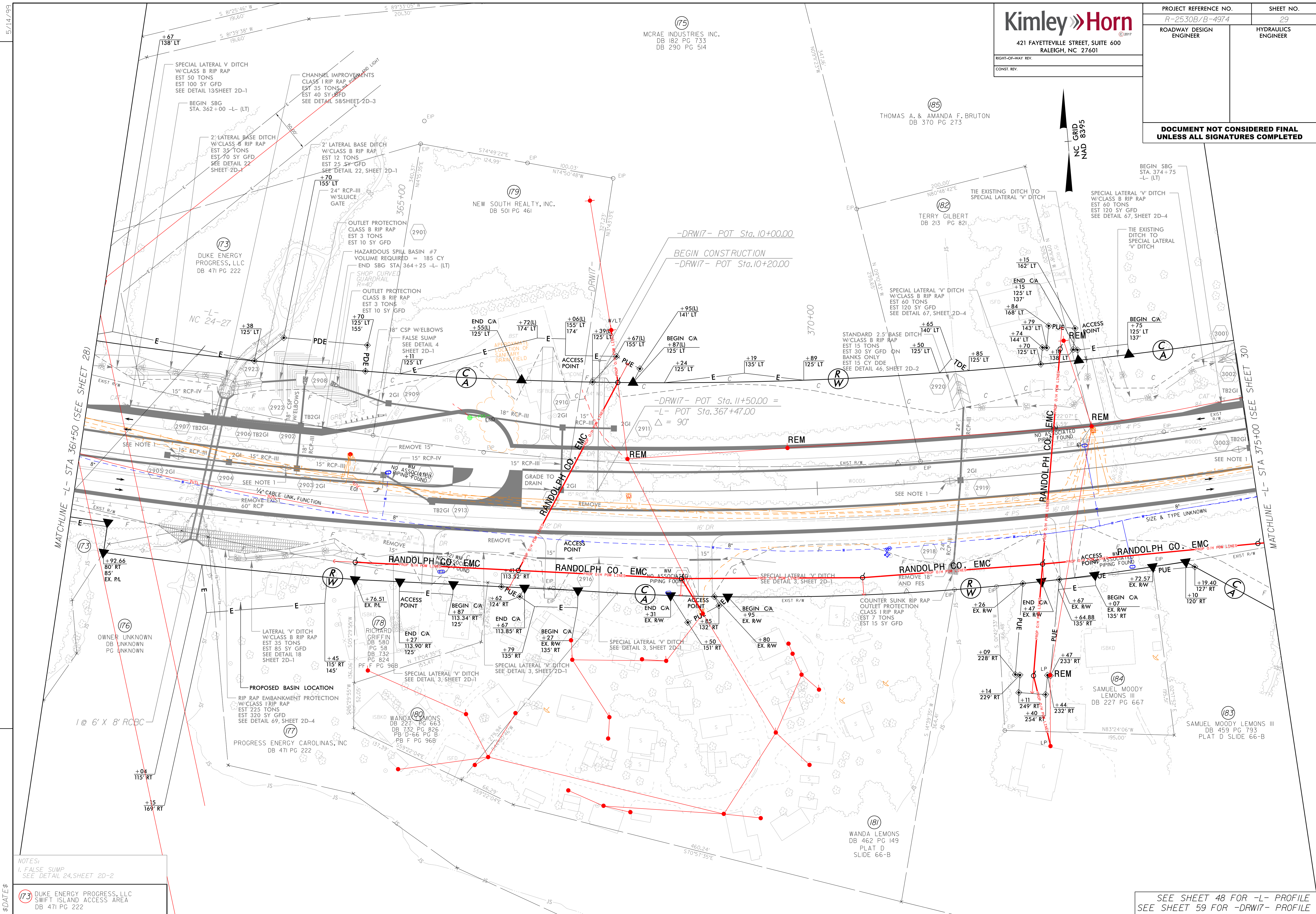
MATCHLINE -L- STA 333+50 (SEE SHEET 26)

MATCHLINE -L- STA 347+50 (SEE SHEET 28)



SKETCH SHOWING BRIDGE / PAVEMENT RELATIONSHIP

\$DATE\$



5/14/99

NOTES:
1. HAZARDOUS SPILL BASIN *8
VOLUME REQUIRED = 110 CY
2. OUTLET PROTECTION - CLASS B RIP RAP
EST 3 TONS, EST 10 SY GFD
3. FALSE SUMP
SEE DETAIL 24, SHEET 2D-2
4. HAZARDOUS SPILL BASIN *9
VOLUME REQUIRED = 255 CY

(93) KENNETH R FURR
BY WILL

Kimley»Horn
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RALEIGH, NC 27601

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.

R-2530B/B-4974

SHEET NO.

30

ROADWAY DESIGN
ENGINEER

HYDRAULICS
ENGINEER

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REVISIONS

MATCHLINE -L- STA 375+00 (SEE SHEET 29)

MATCHLINE -L- STA 389+00 (SEE SHEET 31)

\$DATE\$

SEE SHEET 49 FOR -L- PROFILE
SEE SHEET 50 FOR -WBL- PROFILE
SEE SHEET 59 FOR -DRW18- PROFILE

5/14/99

\$DATE\$

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RALEIGH, NC 27601

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.

R-2530B/B-4974

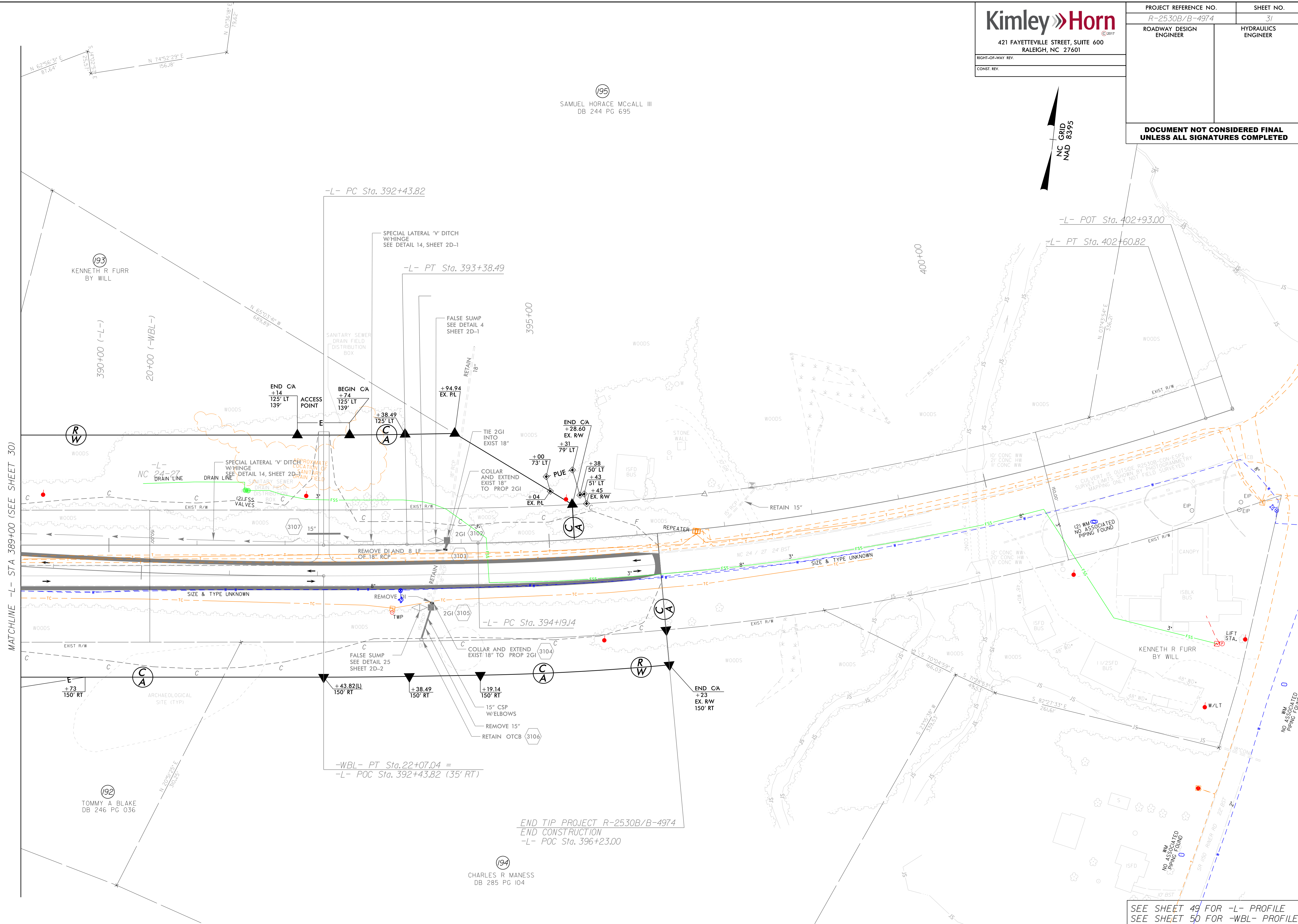
ROADWAY DESIGN
ENGINEER

SHEET NO.

31

HYDRAULICS
ENGINEER

DOCUMENT NOT CONSIDERED FINAL
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(195)
SAMUEL HORACE MCALL III
DB 244 PG 695

(193)
KENNETH R FURR
BY WILL

(192)
TOMMY A BLAKE
DB 246 PG 036

(194)
CHARLES R MANESS
DB 285 PG 104

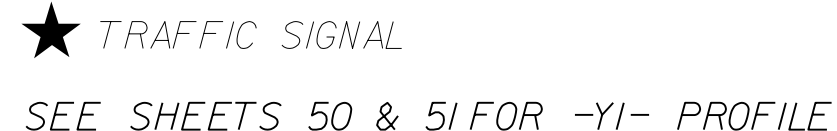
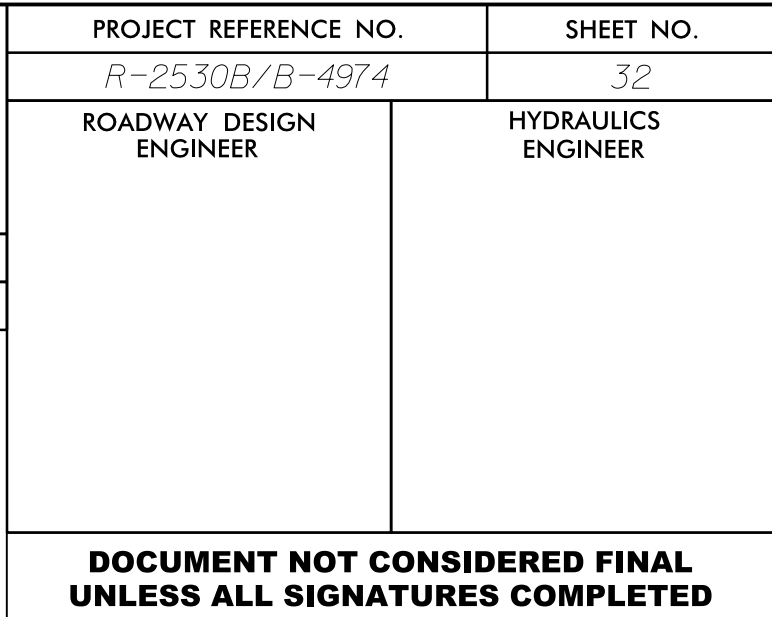
END TIP PROJECT R-2530B/B-4974
END CONSTRUCTION
-L- POC Sta. 396+23.00

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

DATE\$



SEE SHEET 50 FOR -YI- PROFILE

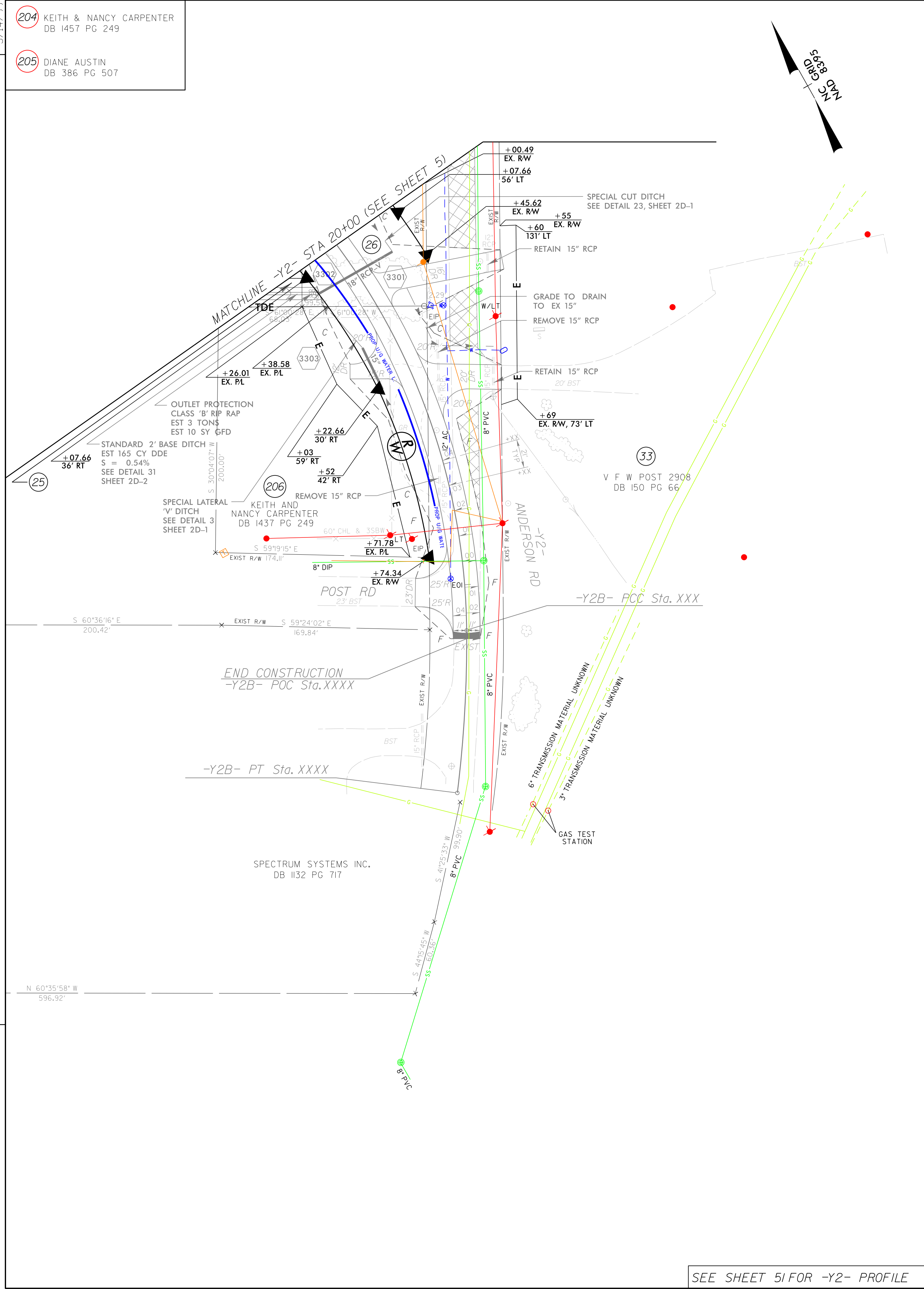


5/14/99

- 204 KEITH & NANCY CARPENTER
DB 1457 PG 249
- 205 DIANE AUSTIN
DB 386 PG 507

REVISIONS

\$DATE\$

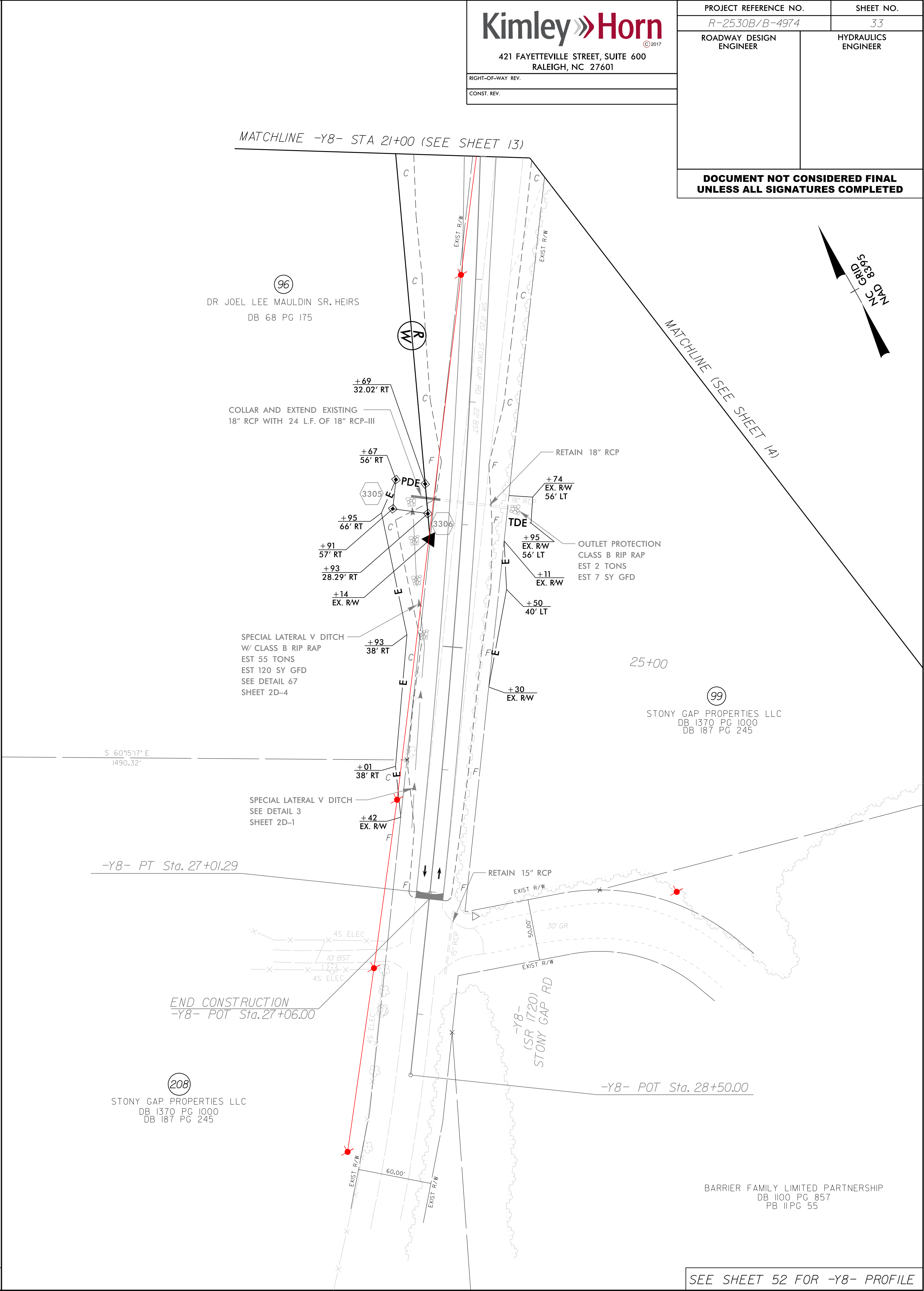


SEE SHEET 51 FOR -Y2- PROFILE

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

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.		SHEET NO.
R-2530B/B-4974		33
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



SEE SHEET 52 FOR -Y8- PROFILE