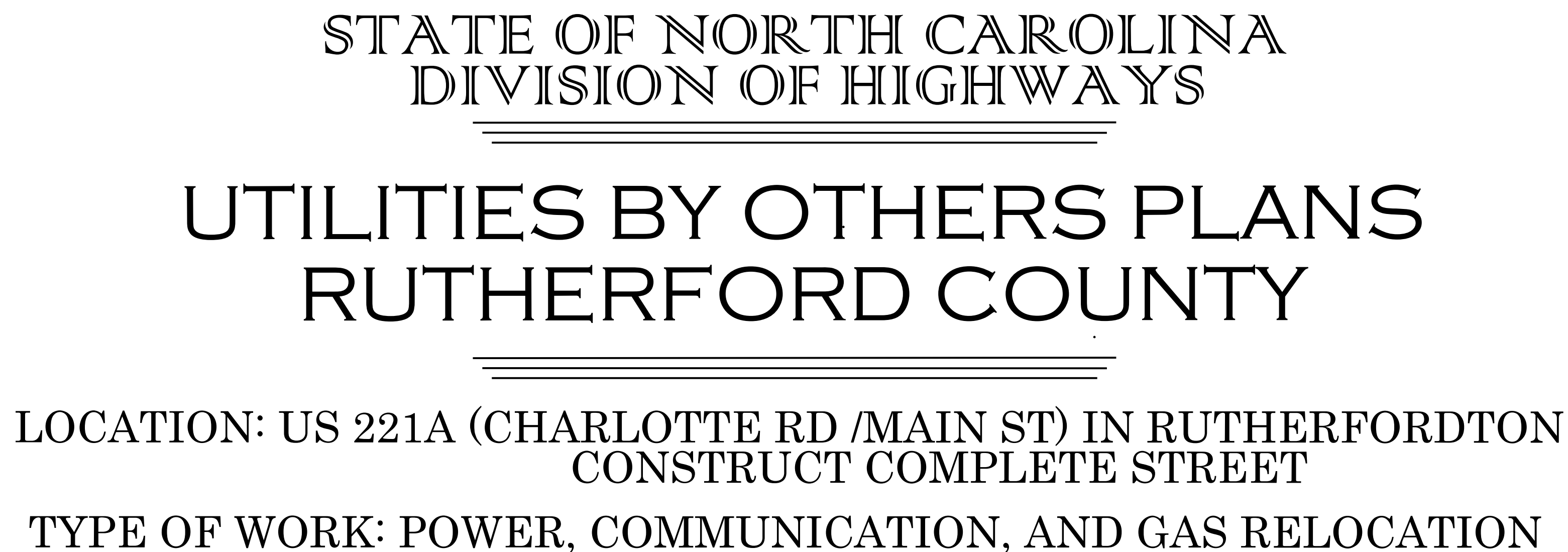
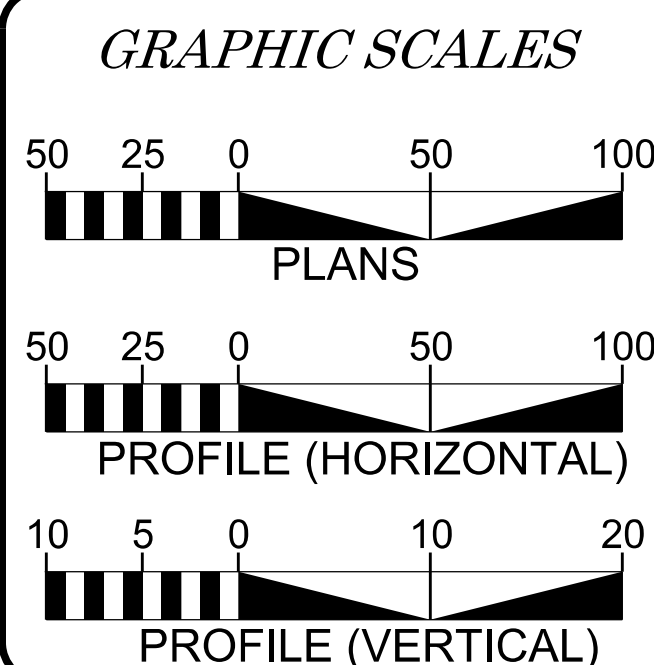
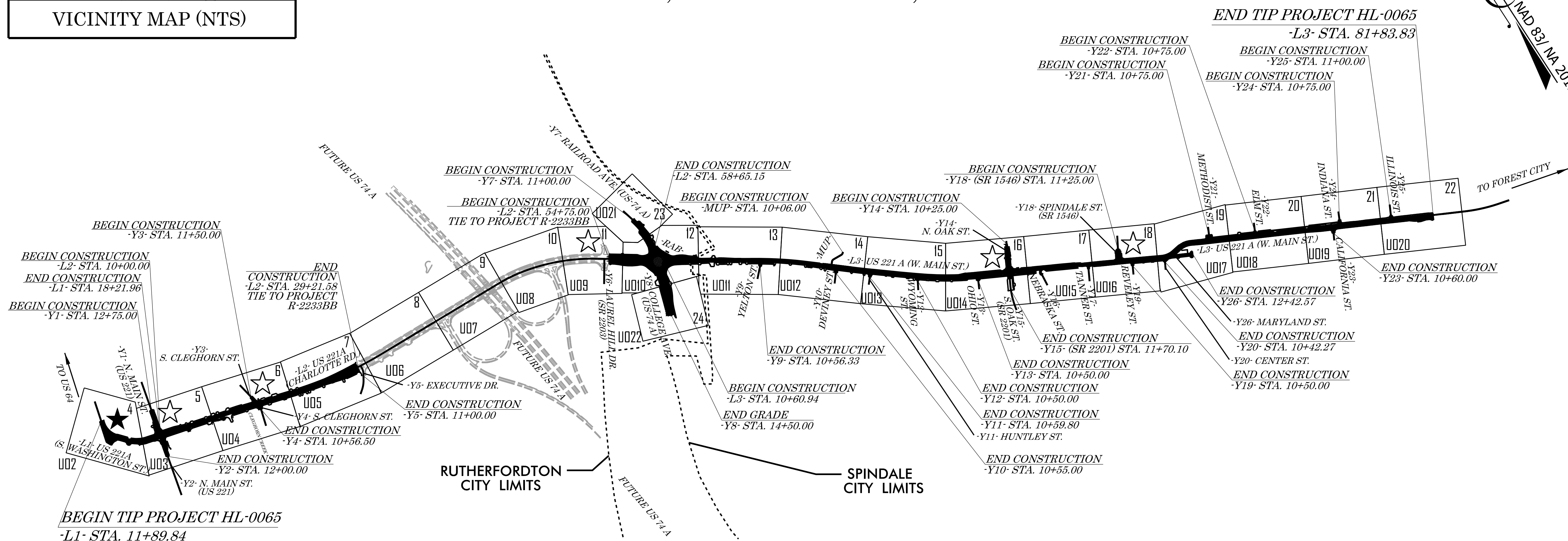




NOTE:
ALL UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS.
NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.



INDEX OF SHEETS	
<u>SHEET NO.:</u>	<u>DESCRIPTION</u>
UO-1	TITLE SHEET
UO-2 THRU UO-22	UTILITY BY OTHERS SHEETS

UTILITY OWNERS WITH CONFLICTS

- (A) DUKE ENERGY - POWER DISTRIBUTION
- (B) VYVE BROADBAND - COMMUNICATION
- (C) FIBERLIGHT - COMMUNICATION
- (D) MCNC - COMMUNICATION
- (E) PANGAEA - COMMUNICATION
- (F) AT&T - COMMUNICATION
- (G) ENBRIDGE - GAS

PREPARED IN THE OFFICE OF

SAMTM

2641 SUMNER BOULEVARD
SUITE 116
RALEIGH, NC 27616
(919) 878-7466

TODD BUTNER UTILITY PROJECT MANAGER

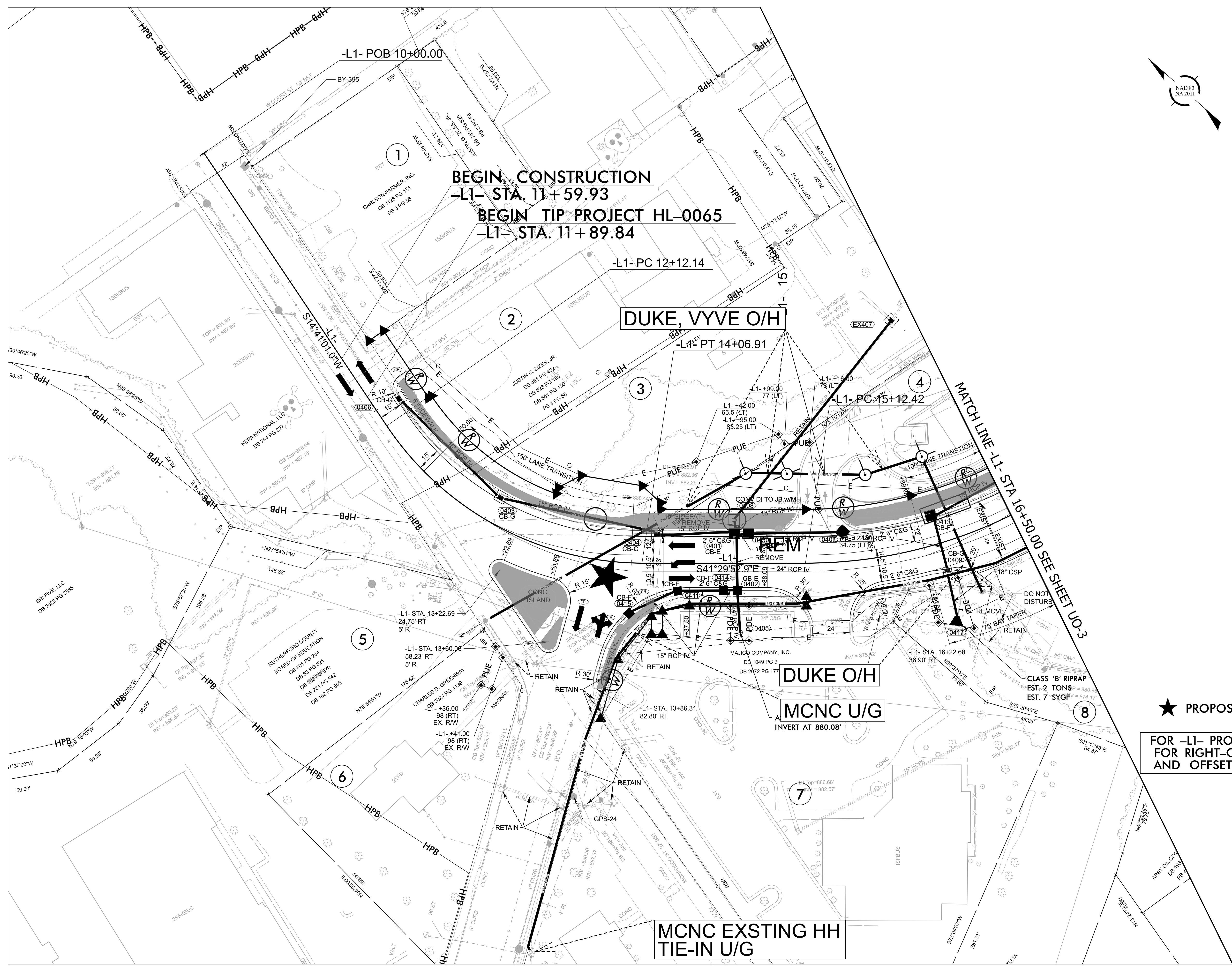
WILLIAM PACE UTILITY COORDINATOR

The image contains two logos. On the left is the official seal of the State of North Carolina Department of Transportation, featuring a circular design with a plow, a sheaf of wheat, and a ship, surrounded by the text "STATE OF NORTH CAROLINA" and "DEPARTMENT OF TRANSPORTATION". On the right is the logo for the Division of Highways Utilities Unit, which consists of the text "DIVISION OF HIGHWAYS UTILITIES UNIT" above the address "1555 MAIL SERVICES CENTER", "RALEIGH NC 27699-1555", and "PHONE (919) 707-7194".

ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

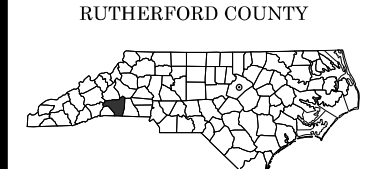
PREPARED BY
SAM

REVISIONS



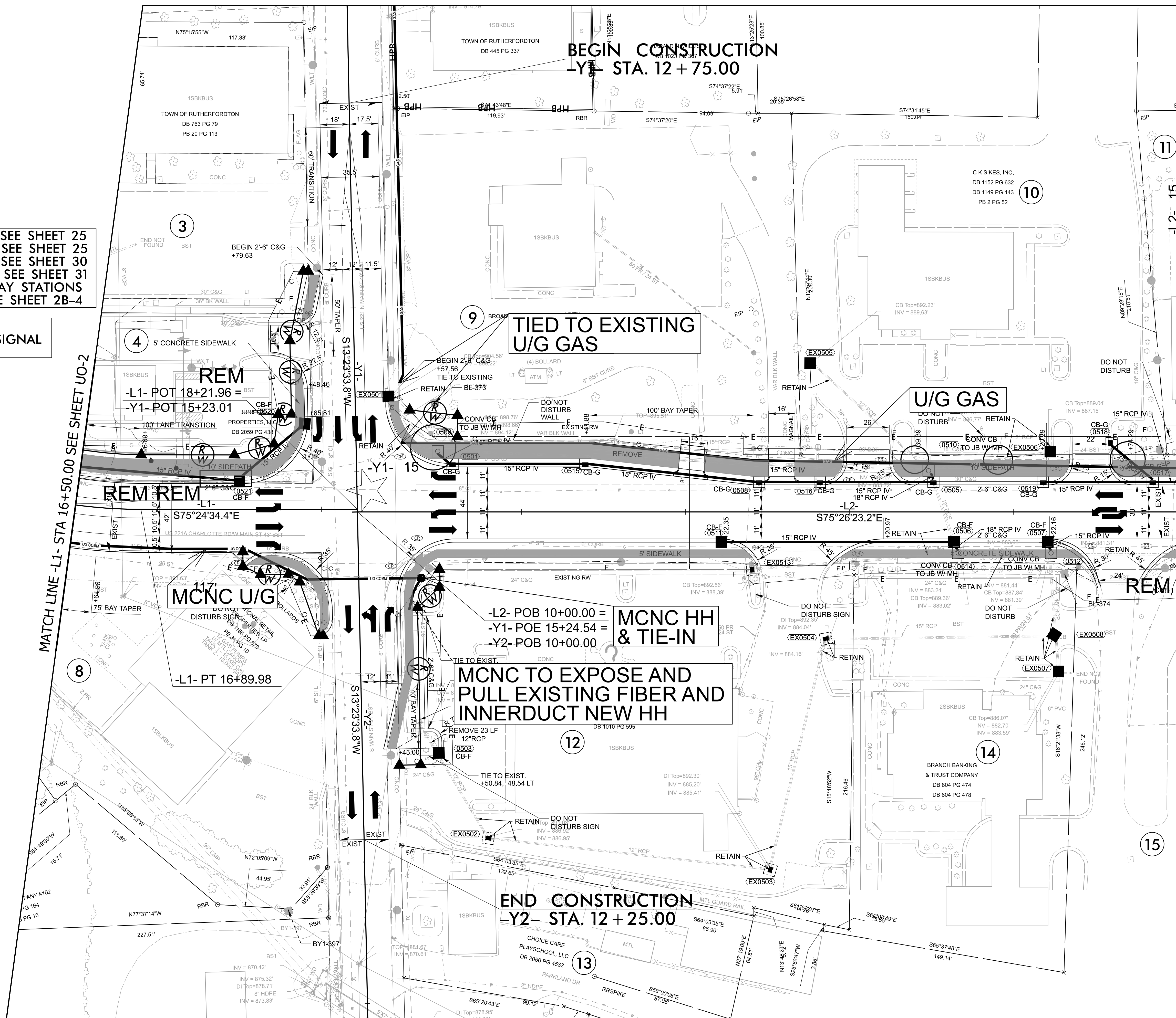
★ PROPOSED SIGNAL

FOR -L1- PROFILE, SEE SHEET 25
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-3

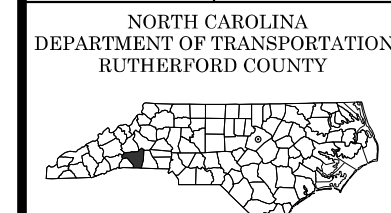


ALL PROPOSED UTILITY
WORK SHOWN ON THIS
SHEET WILL BE DONE
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UTILITY WORK SHOWN ON
THIS SHEET.

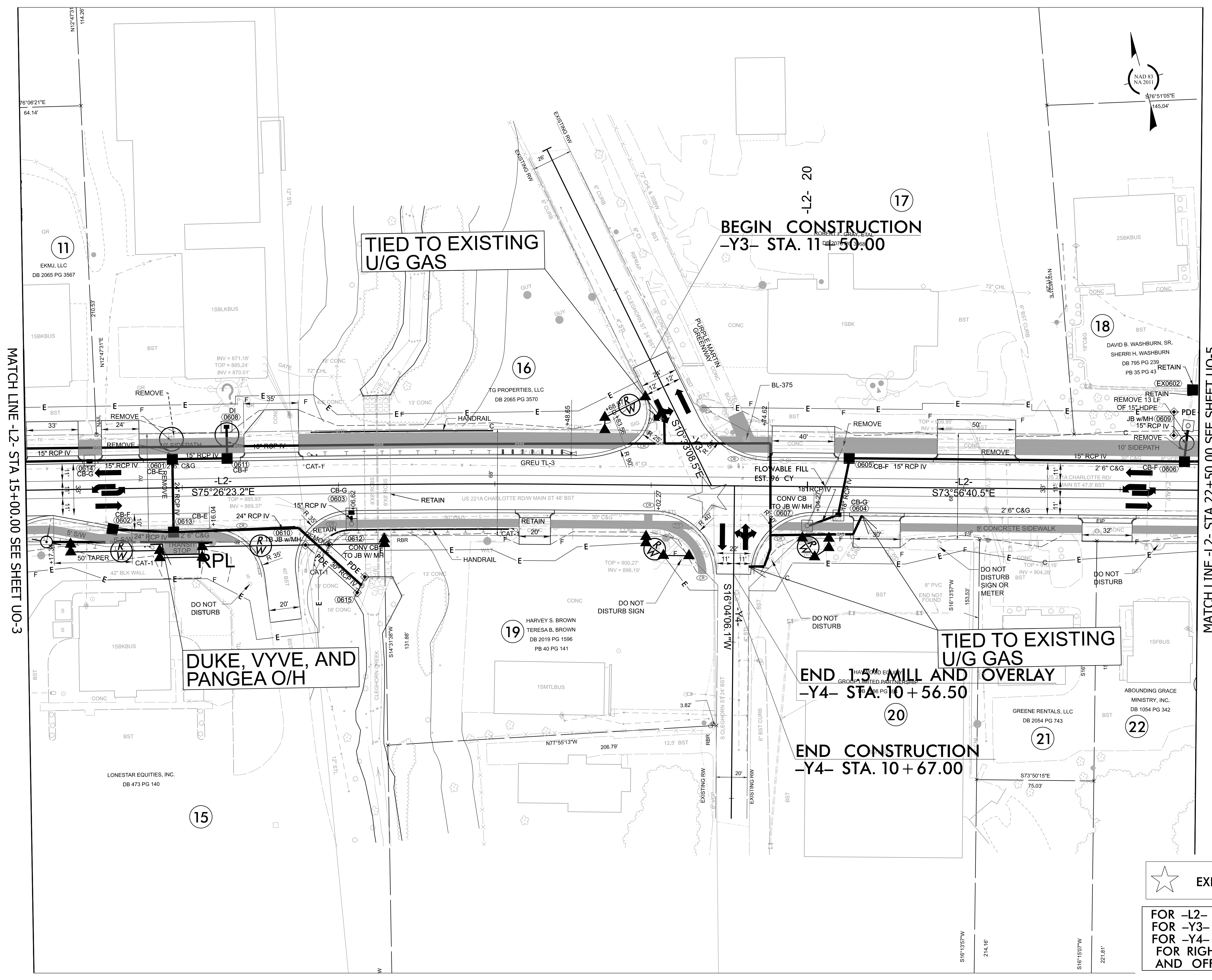
FOR -L1- PROFILE, SEE SHEET 25
FOR -L2- PROFILE, SEE SHEET 25
FOR -Y1- PROFILE, SEE SHEET 30
FOR -Y2- PROFILE, SEE SHEET 31
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-4



MATCH LINE -L2- STA 15+00.00 SEE SHEET UO-4

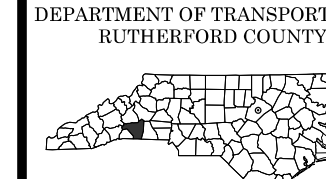


ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

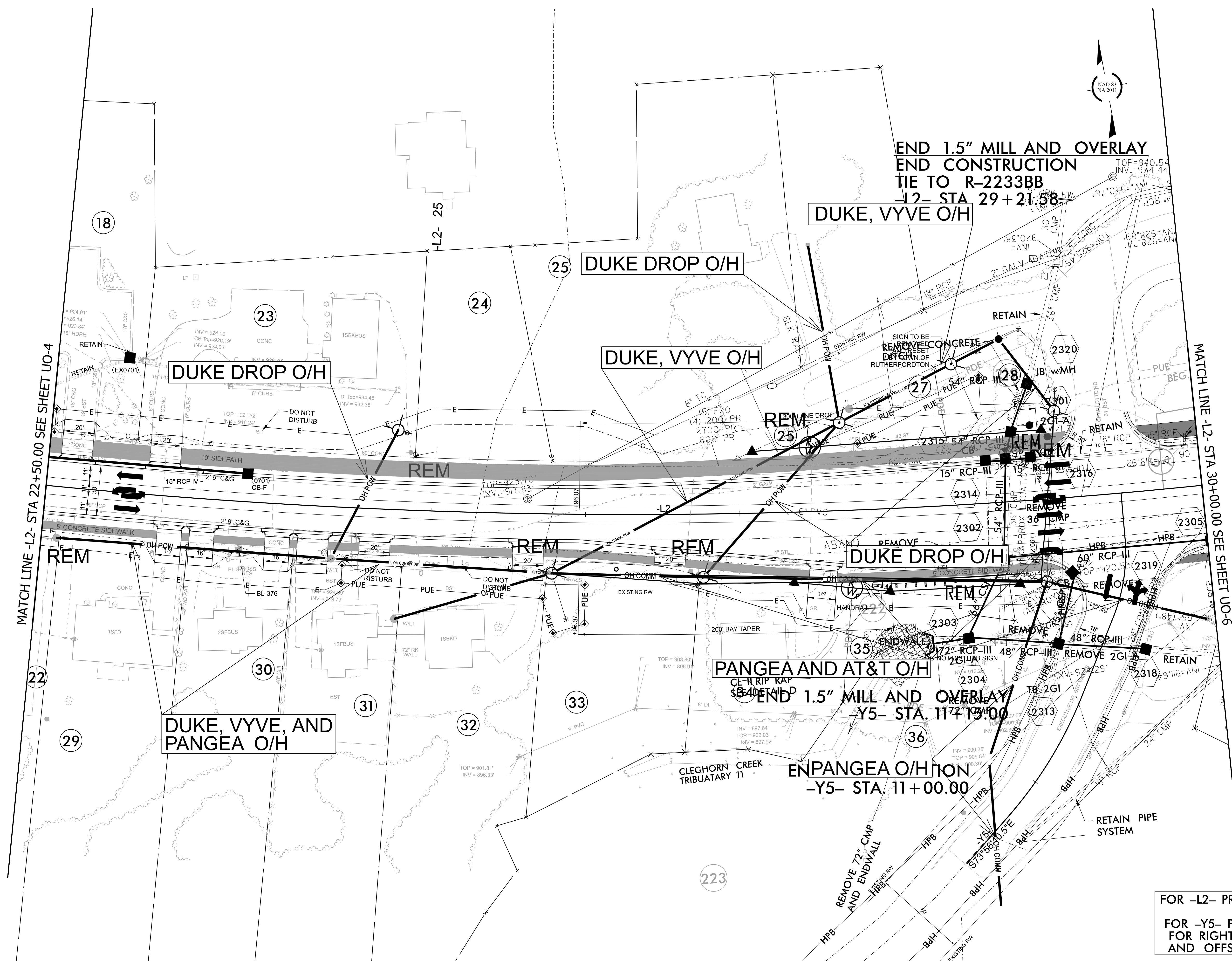


★ EXISTING SIGNAL

FOR -L2- PROFILE, SEE SHEET 25
FOR -Y3- PROFILE, SEE SHEET 31
FOR -Y4- PROFILE, SEE SHEET 31
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-5



ALL PROPOSED UTILITY
WORK SHOWN ON THIS
SHEET WILL BE DONE
BY OTHERS. NO PAYMENT
WILL BE MADE TO THE
CONTRACTOR FOR
UTILITY WORK SHOWN ON
THIS SHEET



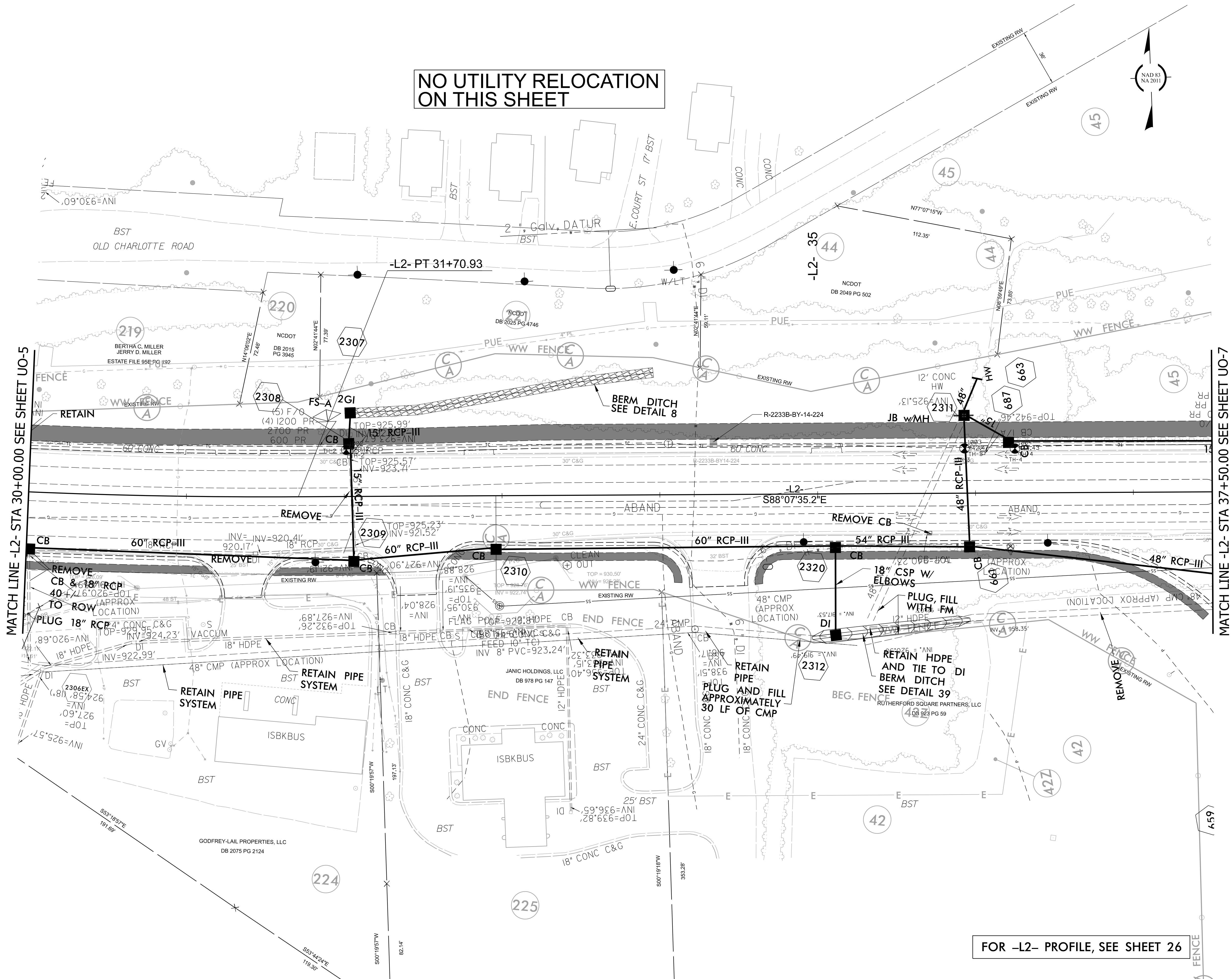
FOR -L2- PROFILE, SEE SHEETS 25
AND 26
FOR -Y5- PROFILE, SEE SHEET 31
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-6

ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

PREPARED BY
SAM

REVISIONS

NO UTILITY RELOCATION
ON THIS SHEET

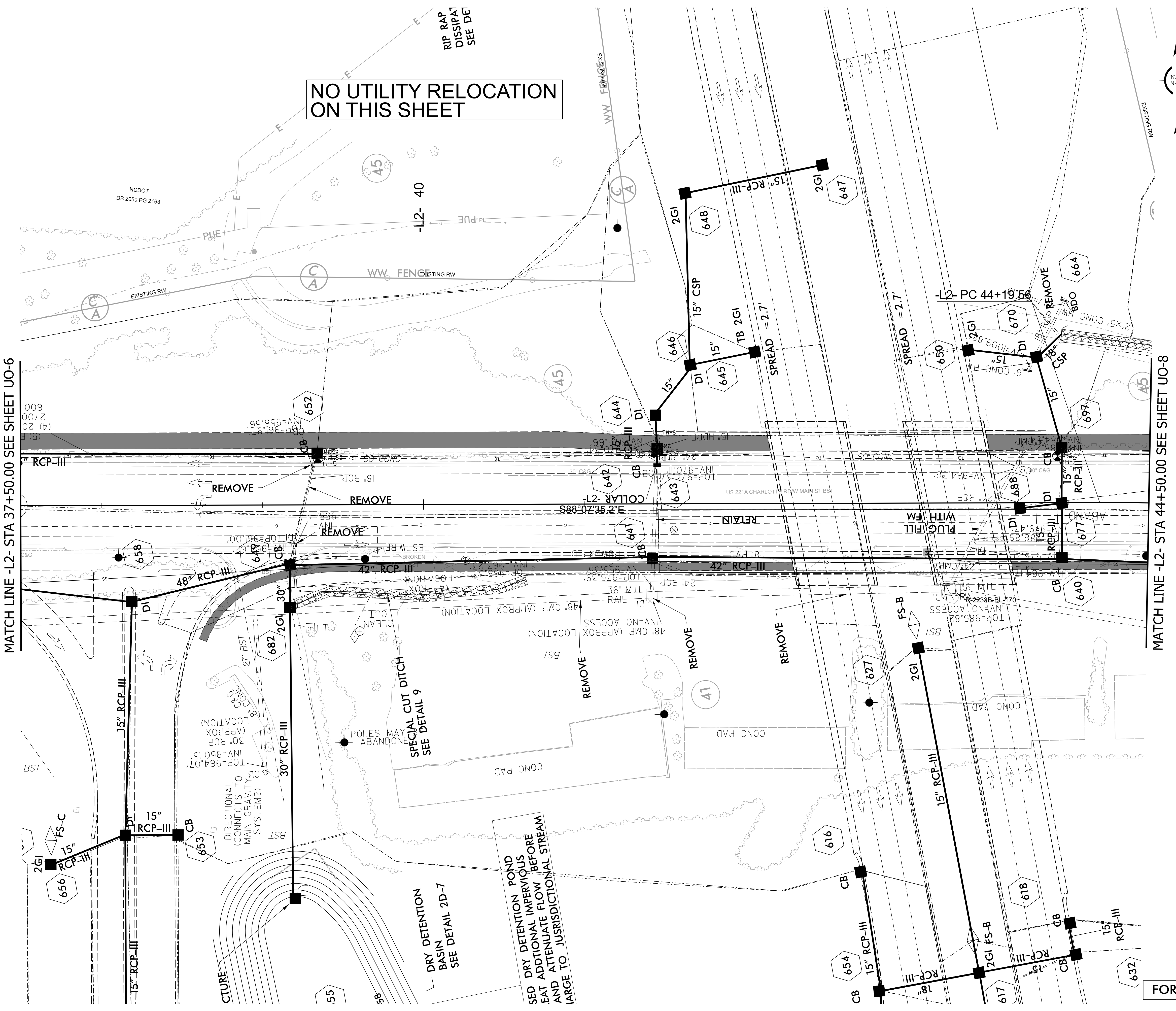


FOR -L2- PROFILE, SEE SHEET 26

ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

PREPARED BY
SAM
THE ASSOCIATED ENGINEERS
1000 W. HARRIS ST. SUITE 100
RUTHERFORD, NC 27083
(704) 985-1000

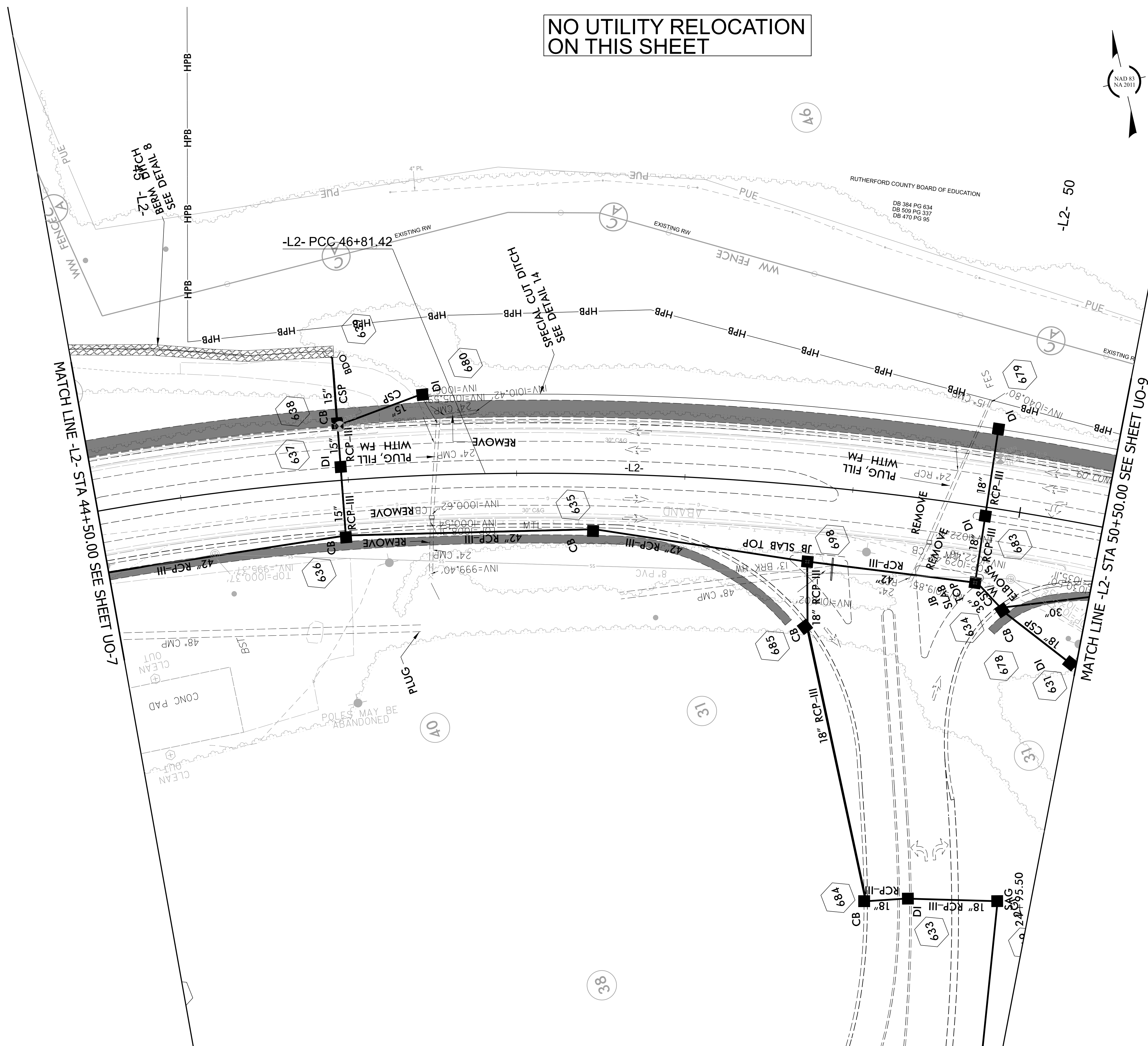
REVISIONS



NO UTILITY RELOCATION
ON THIS SHEET



FOR -L2- PROFILE, SEE SHEET 26



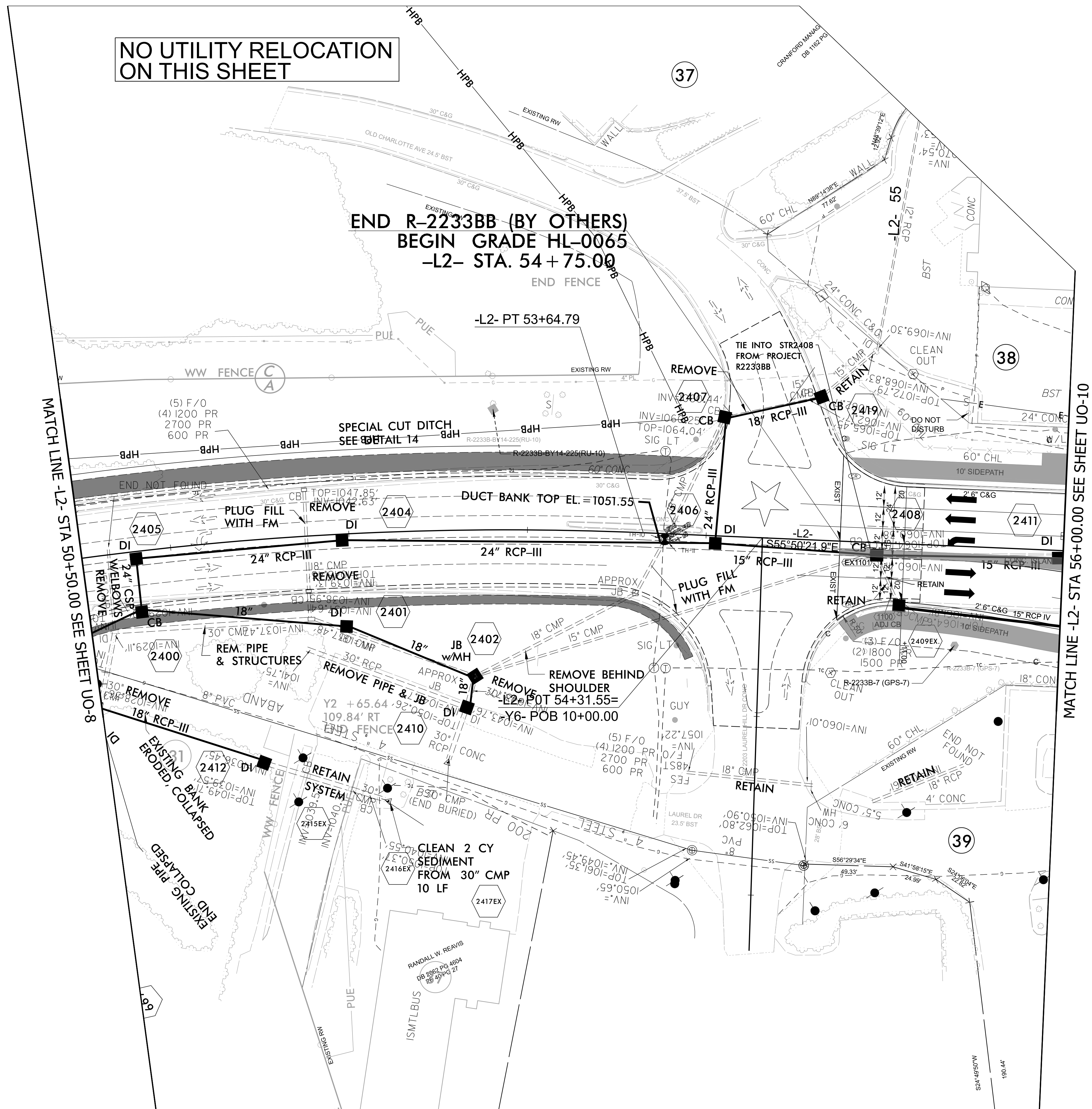
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

PREPARED BY

SAM

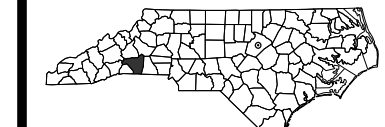
THE ASSOCIATED ENGINEERS
1000 W. HARRIS ST.
RTP, NC 27601

REVISIONS



★ EXISTING SIGNAL

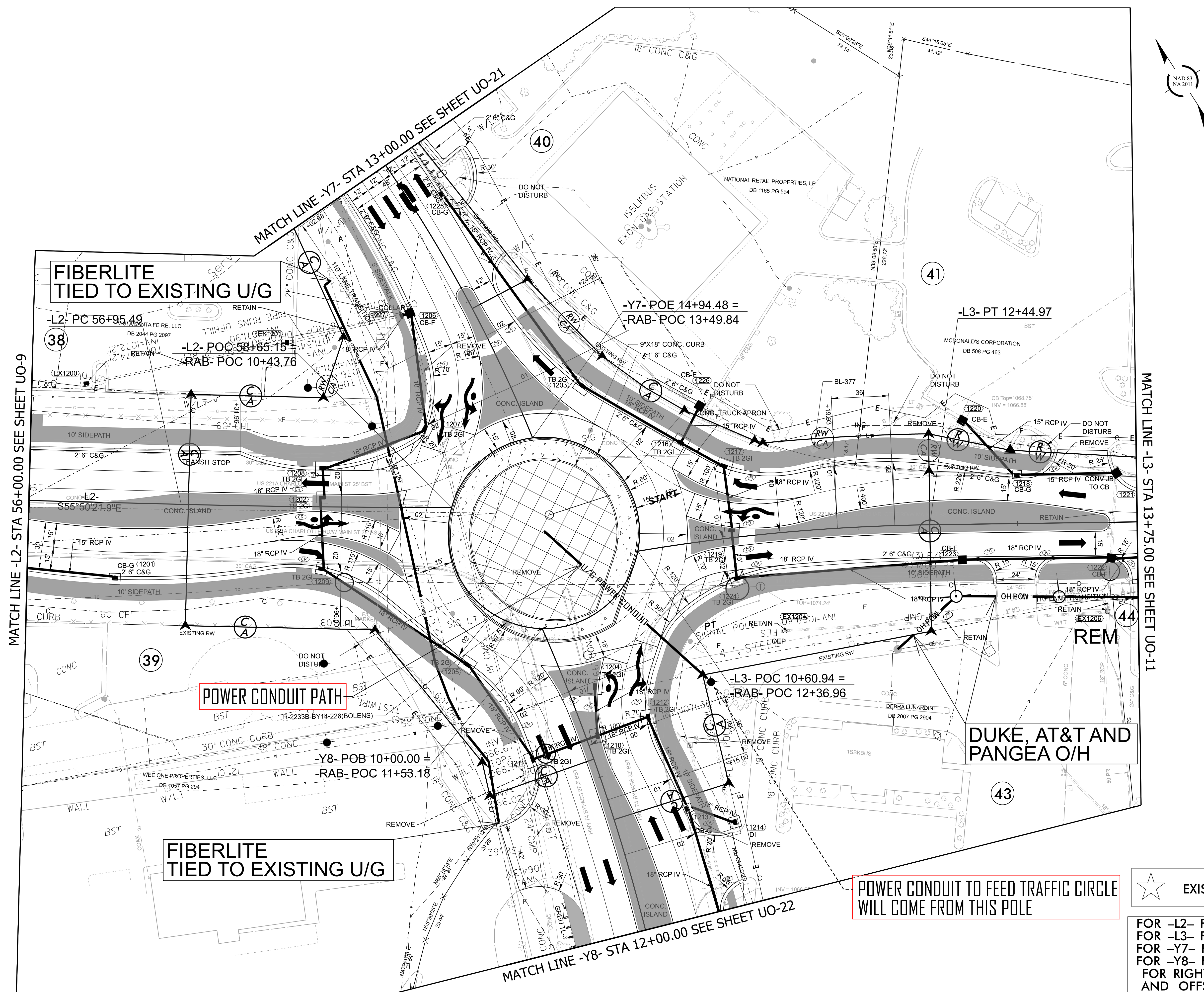
FOR -L2- PROFILE, SEE SHEET 27
FOR -Y6- PROFILE, SEE SHEET 31
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-7



ALL PROPOSED UTILITY
WORK SHOWN ON THIS
SHEET WILL BE DONE
BY OTHERS. NO PAYMENT
WILL BE MADE TO THE
CONTRACTOR FOR
UTILITY WORK SHOWN ON
THIS SHEET.



REVISIONS

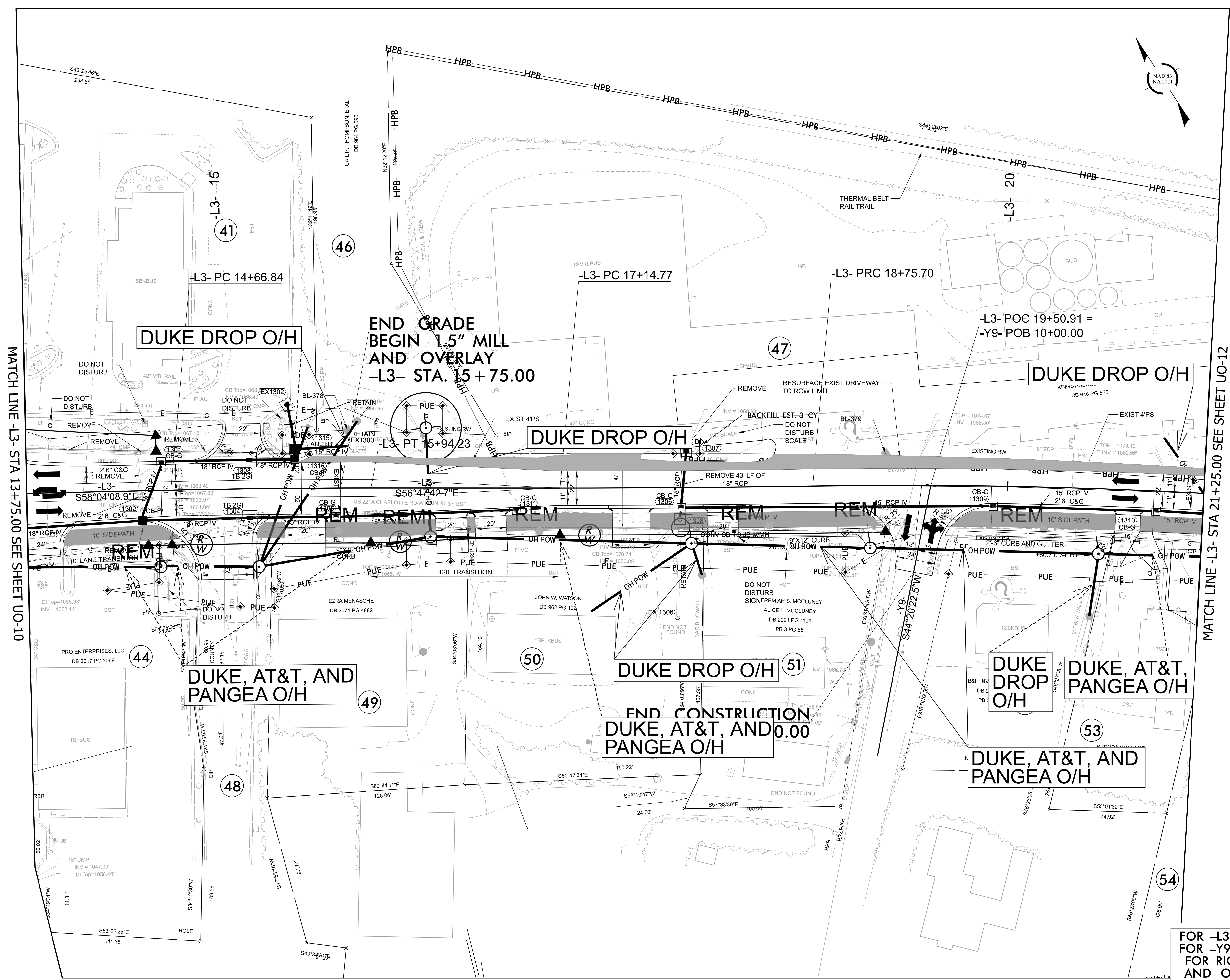


FOR -L2- PROFILE, SEE SHEET 27
FOR -L3- PROFILE, SEE SHEET 27
FOR -Y7- PROFILE, SEE SHEET 32
FOR -Y8- PROFILE, SEE SHEET 32
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-8

ALL PROPOSED UTILITY
WORK SHOWN ON THIS
SHEET WILL BE DONE
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WILL BE MADE TO THE
CONTRACTOR FOR
UTILITY WORK SHOWN ON
THIS SHEET.

PREPARED BY
SAM
THE ASSOCIATED ENGINEERS
AND ARCHITECTS
P.L.L.C.
RUTHERFORD COUNTY, NC 27083

REVISIONS

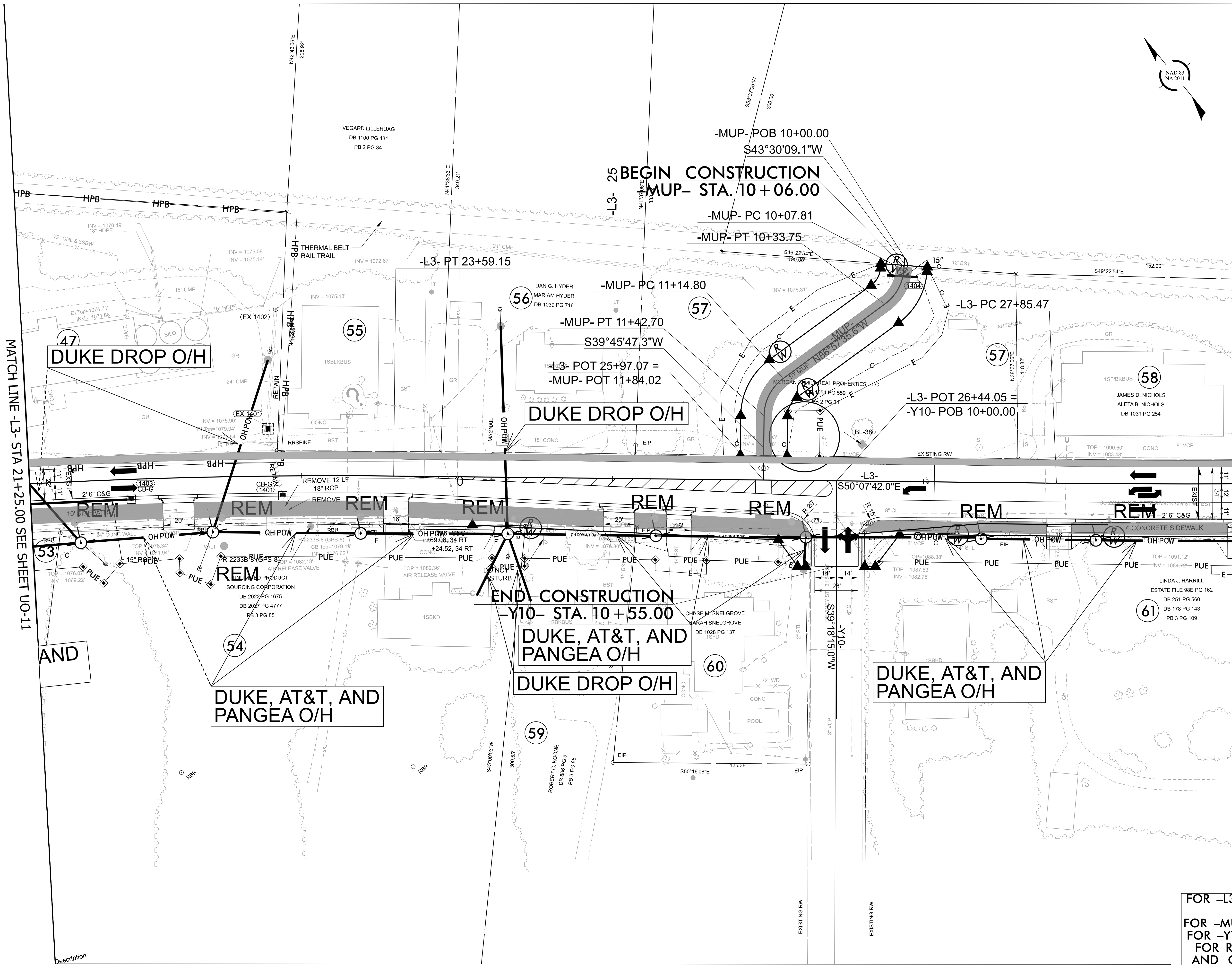


FOR -L3- PROFILE, SEE SHEET 27
FOR -Y9- PROFILE, SEE SHEET 32
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-9

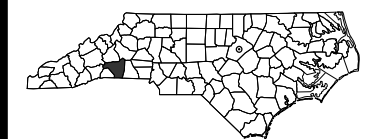
ALL PROPOSED UTILITY
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SAM

REVISIONS



FOR -L3- PROFILE, SEE SHEETS 27
AND 28
FOR -MUP- PROFILE, SEE SHEET 34
FOR -Y10- PROFILE, SEE SHEET 32
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-10



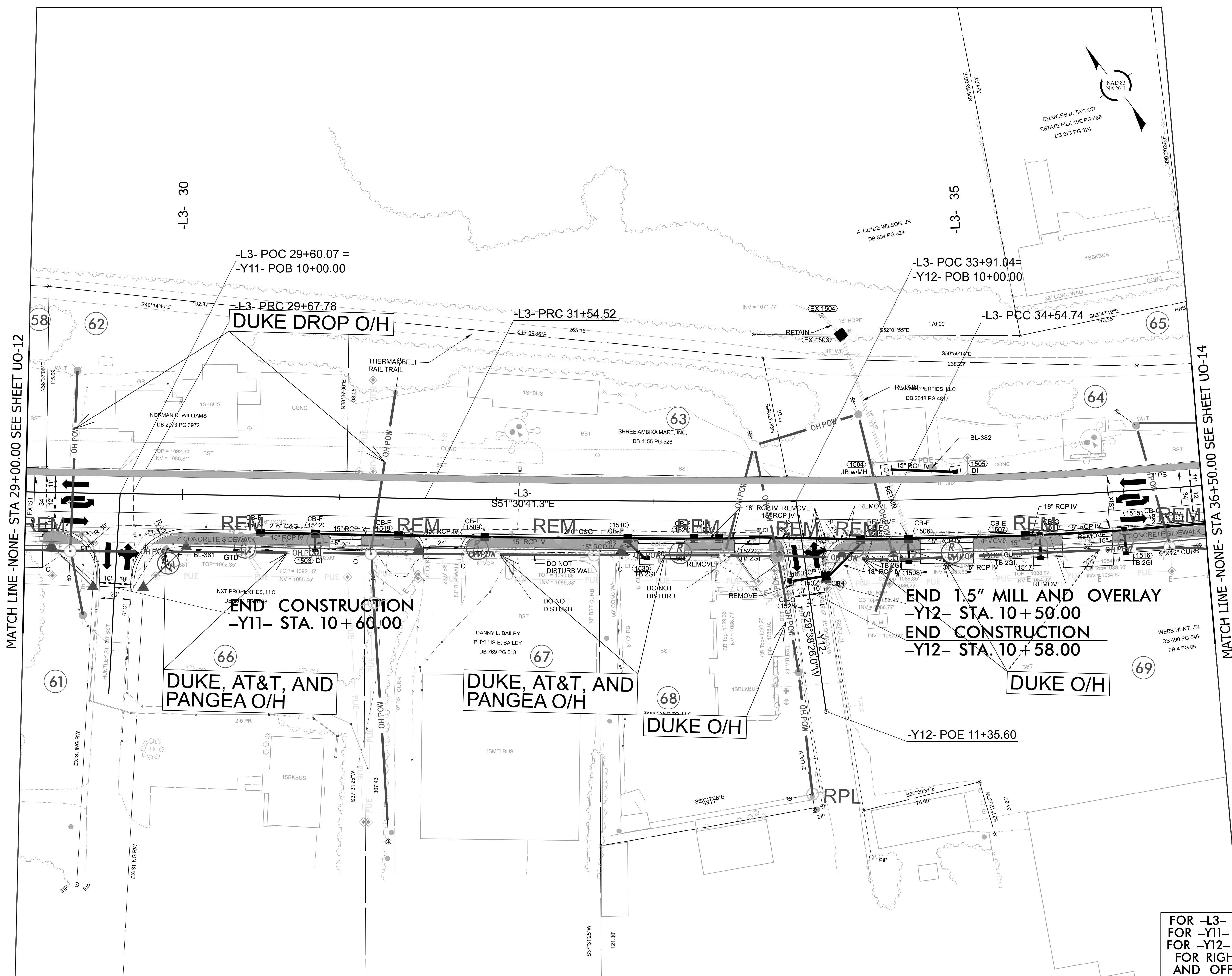
ALL PROPOSED UTILITY
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INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

REVISIONS



FOR -L3- PROFILE, SEE SHEET 28
FOR -Y11- PROFILE, SEE SHEET 32
FOR -Y12- PROFILE, SEE SHEET 32
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-11



EXISTING SIGNAL

FOR -L3- PROFILE, SEE SHEET 28
FOR -Y13- PROFILE, SEE SHEET 33
FOR -Y14- PROFILE, SEE SHEET 33
FOR -Y15- PROFILE, SEE SHEET 33
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-12

BEGIN CONSTRUCTION
-Y14- STA. 10+37.00

BEGIN 1.5" MILL AND OVERLAY
-Y14- STA. 10+50.00

DUKE O/H

-L3- POT 42+34.99 =
-Y14- POT 42+84.47

-L3- POT 42+34.18 =
-Y15- POB 10+00.00

END CONSTRUCTION
-Y13- STA. 10+50.00

END CONSTRUCTION
-Y15- STA. 11+70.10

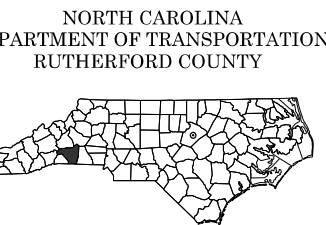
DUKE O/H

SPECIAL DETAIL FOR GRATE
WITH CONTINUOUS CURB
SEE NEBRASKA STATE
EXAMPLE OF DESIGN

MATCH LINE -L3- STA 44+00.00 SEE SHEET UO-15

HL-0065

UO-14



UTILITY DESIGN UNIT

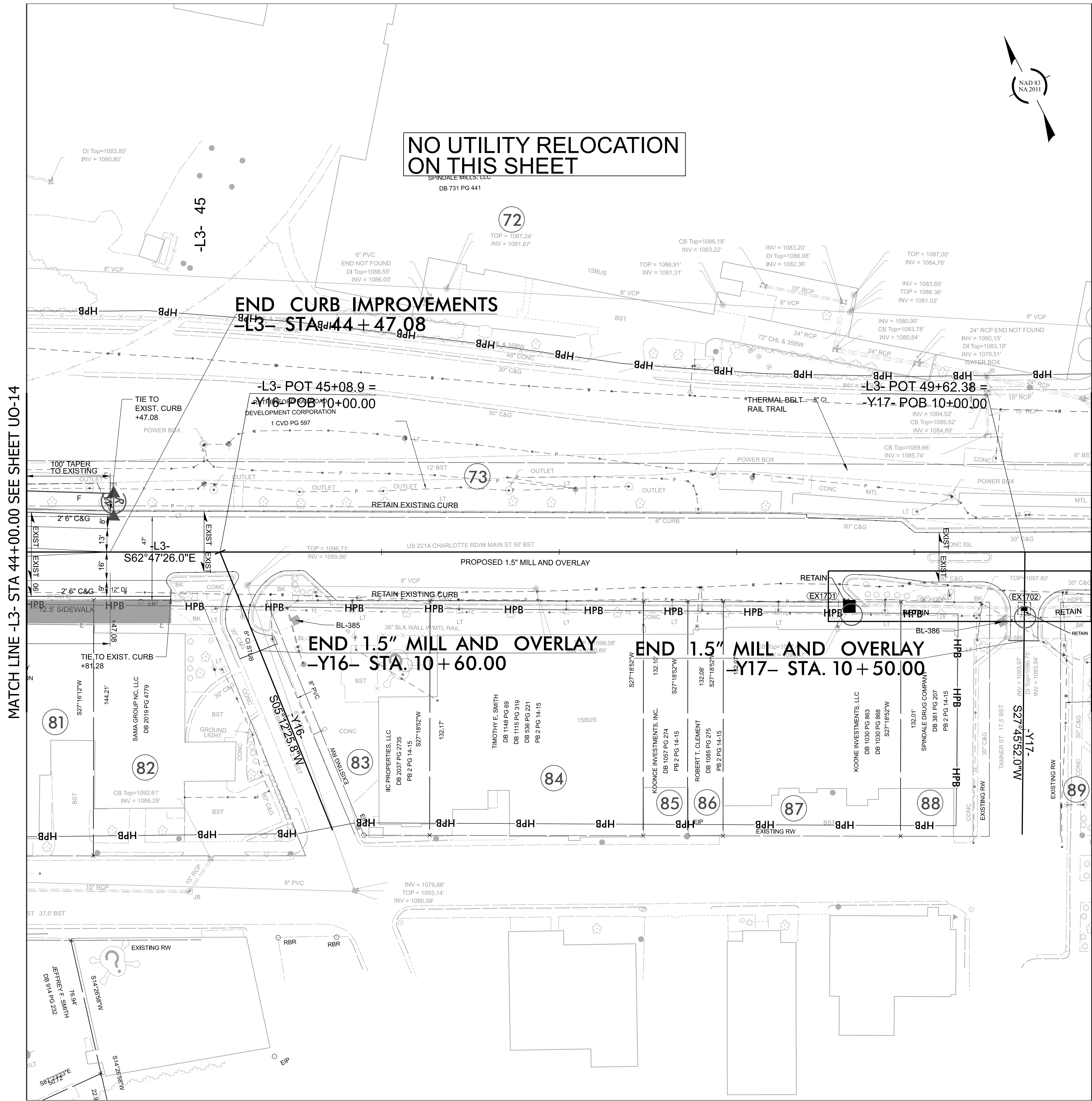
ALL PROPOSED UTILITY
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DO NOT USE FOR R/W ACQUISITION

REVISIONS



MATCH LINE -L3- STA 50+00.00 SEE SHEET UO-16

MATCH LINE -L3- STA 44+00.00 SEE SHEET UO-14

NO UTILITY RELOCATION
ON THIS SHEET



FOR -L3- PROFILE, SEE SHEET 28
FOR -Y16- PROFILE, SEE SHEET 33
FOR -Y17- PROFILE, SEE SHEET 33
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-13

HL-0065

UO-15

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RUTHERFORD COUNTY

UTILITY DESIGN UNIT

ALL PROPOSED UTILITY
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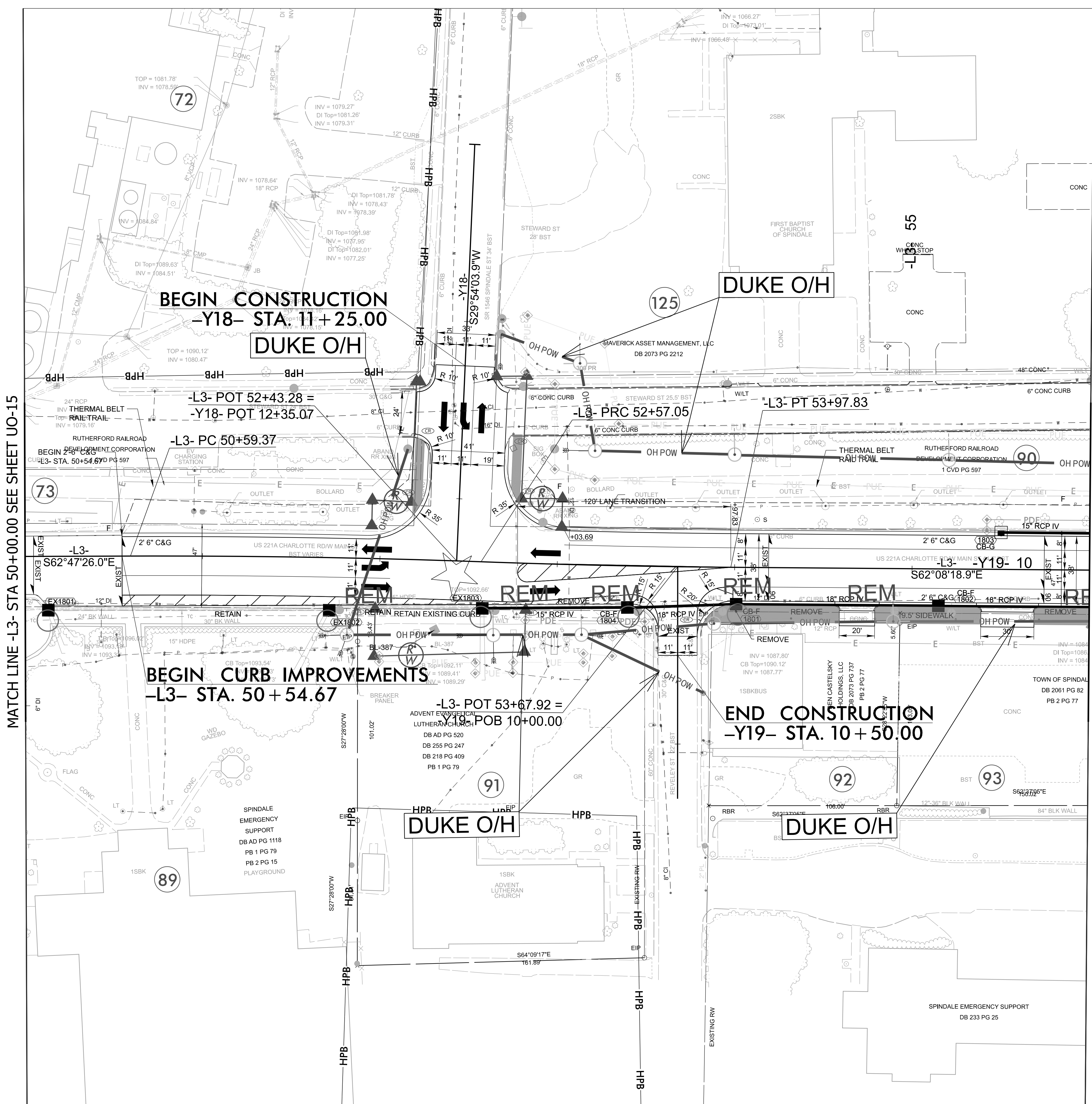
PREPARED BY

SAM

THE ASSOCIATED ENGINEERS
OF NORTH CAROLINA
INC. NO. 1000

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

REVISIONS



ALL PROPOSED UTILITY
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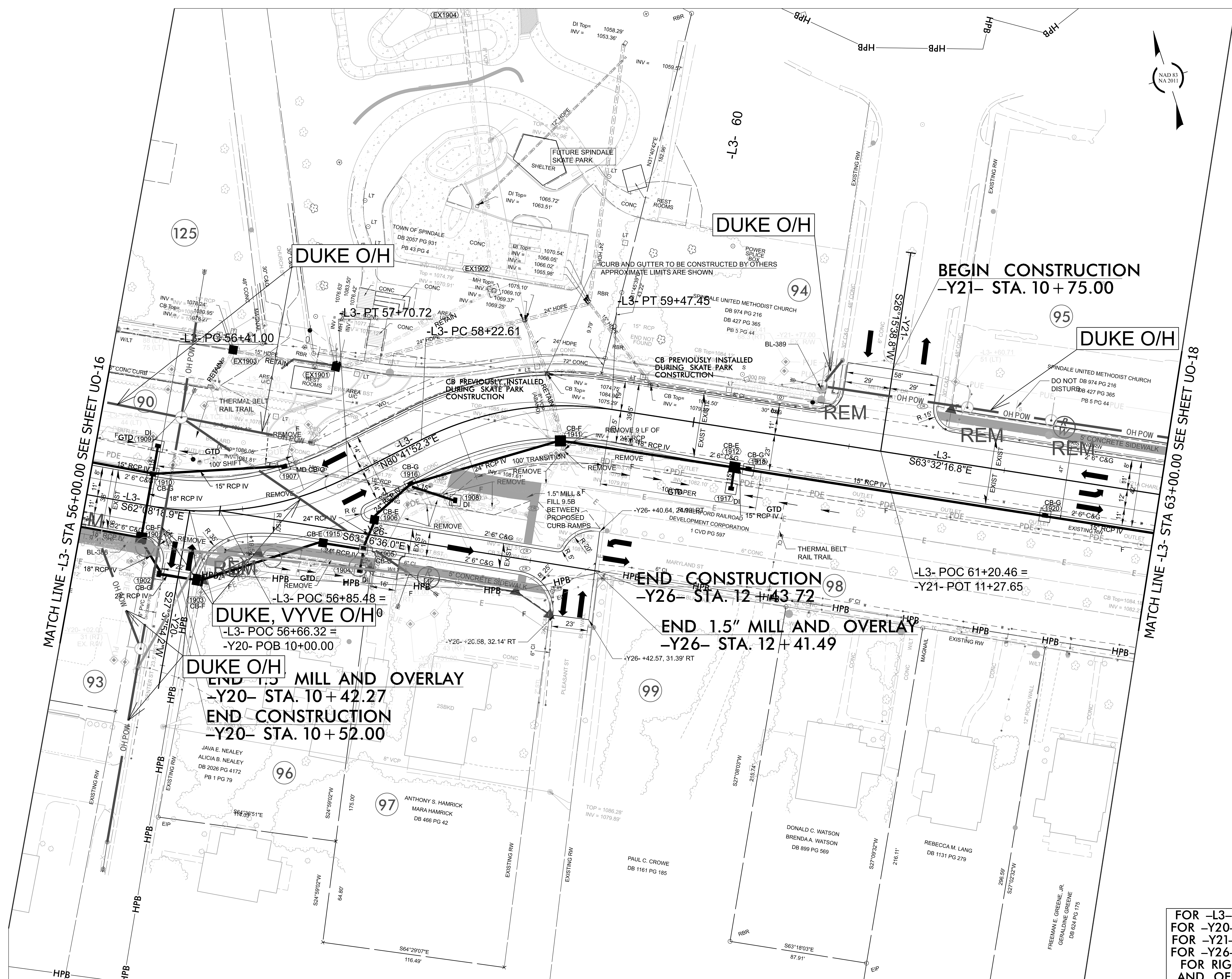
PREPARED BY

SAI™ 264 SUMNER BOULEVARD
SUITE 100
RIDGEWAY, NJ 7708
(703) 678-7466

INCOMPLETE PLAN

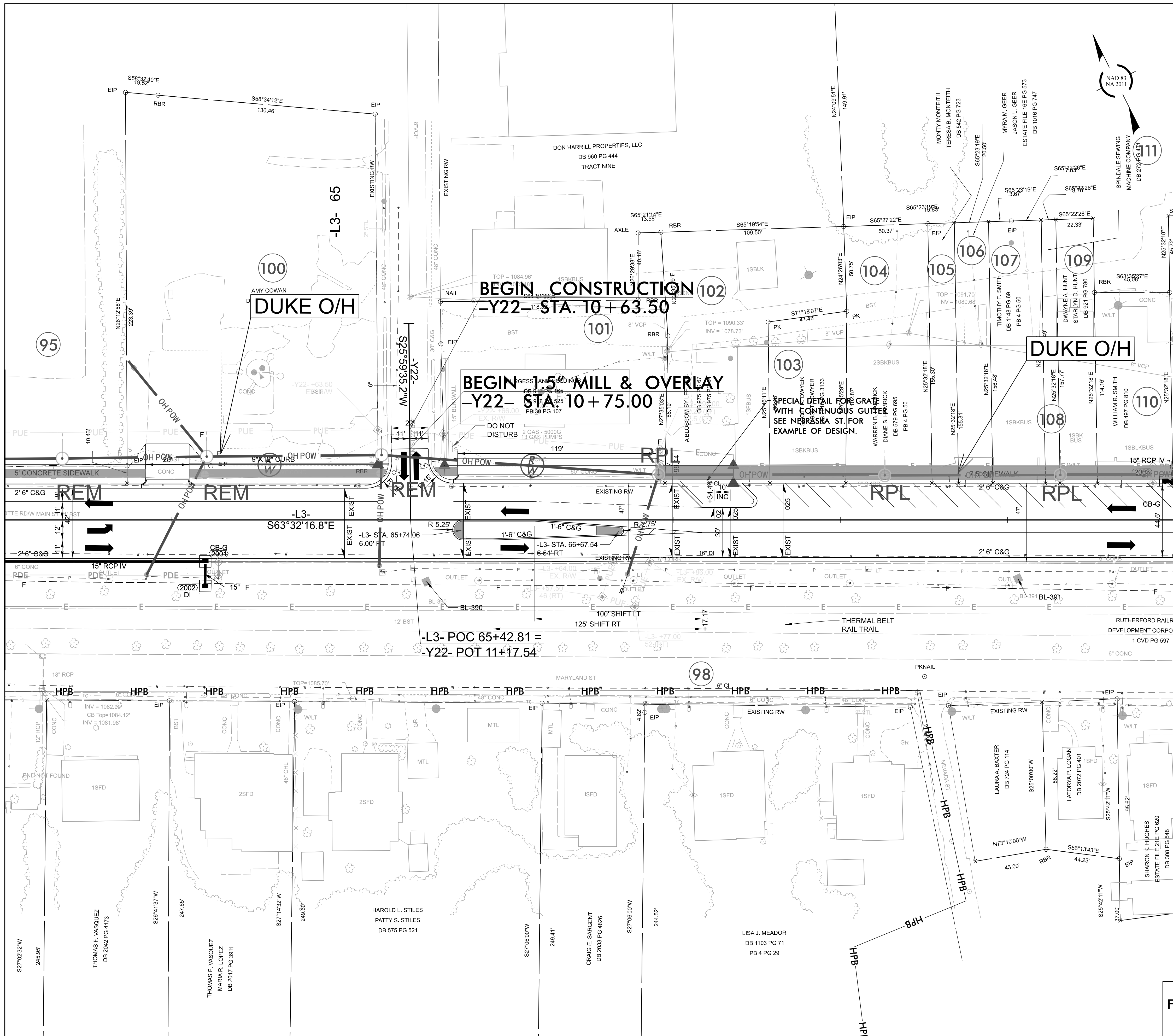
	DO NOT USE FOR R/W ACQUISITION

REVISIONS



FOR -L3- PROFILE, SEE SHEET 29
FOR -Y20- PROFILE, SEE SHEET 34
FOR -Y21- PROFILE, SEE SHEET 34
FOR -Y26- PROFILE, SEE SHEET 34
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-15

MATCH LINE -L3- STA 63+00.00 SEE SHEET UO-17



MATCH LINE -L3- STA 70+00.00 SEE SHEET UO-19

FOR -L3- PROFILE, SEE SHEET 29
FOR -Y22- PROFILE, SEE SHEET 34
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-16

HL-0065

UO-18

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RUTHERFORD COUNTY

UTILITY DESIGN UNIT

ALL PROPOSED UTILITY
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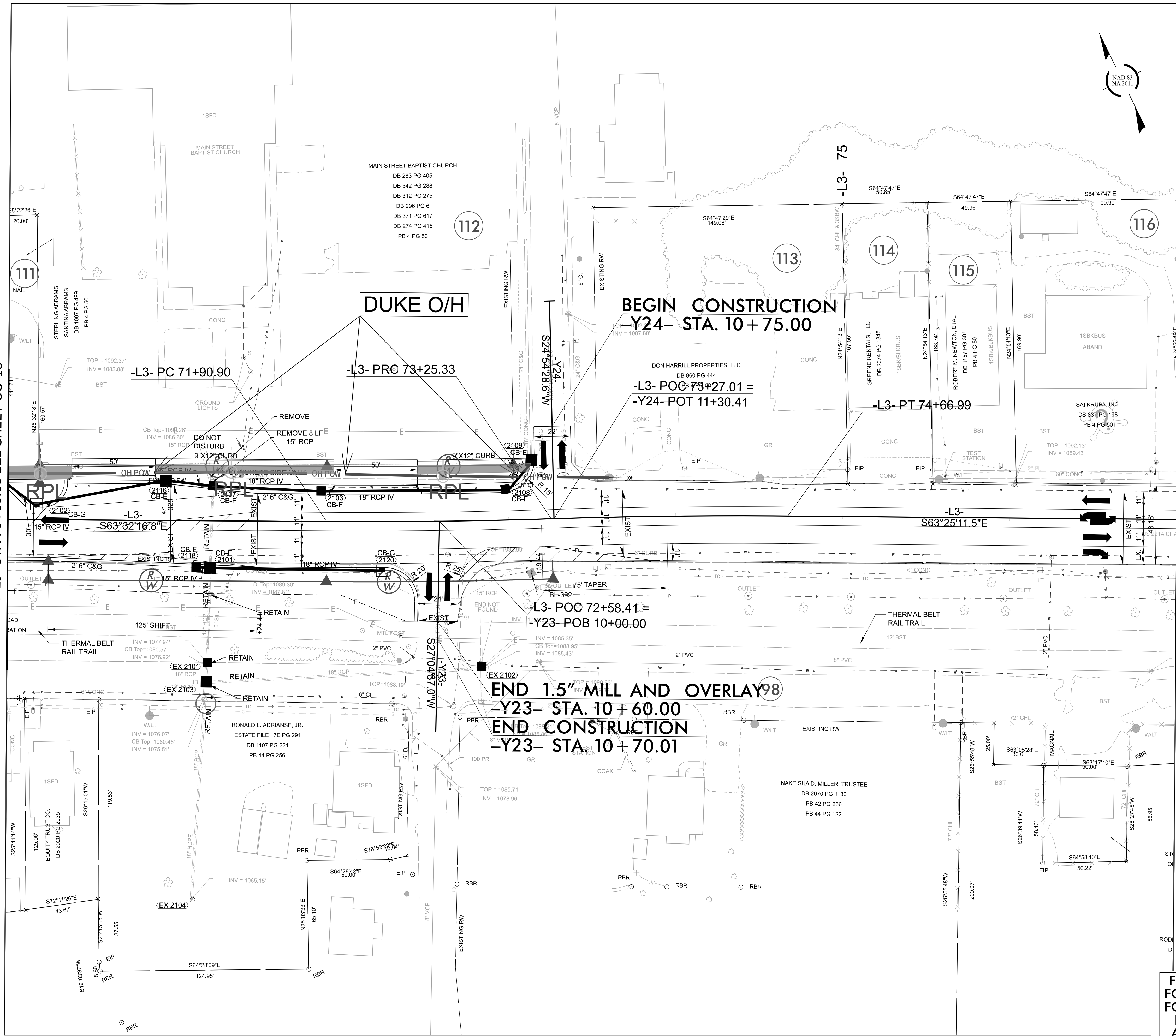
PREPARED BY

THE ASSOCIATED ENGINEERS
OF NORTH CAROLINA
RUTHERFORD COUNTY

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

REVISIONS

MATCH LINE -L3- STA 70+00.00 SEE SHEET UO-18

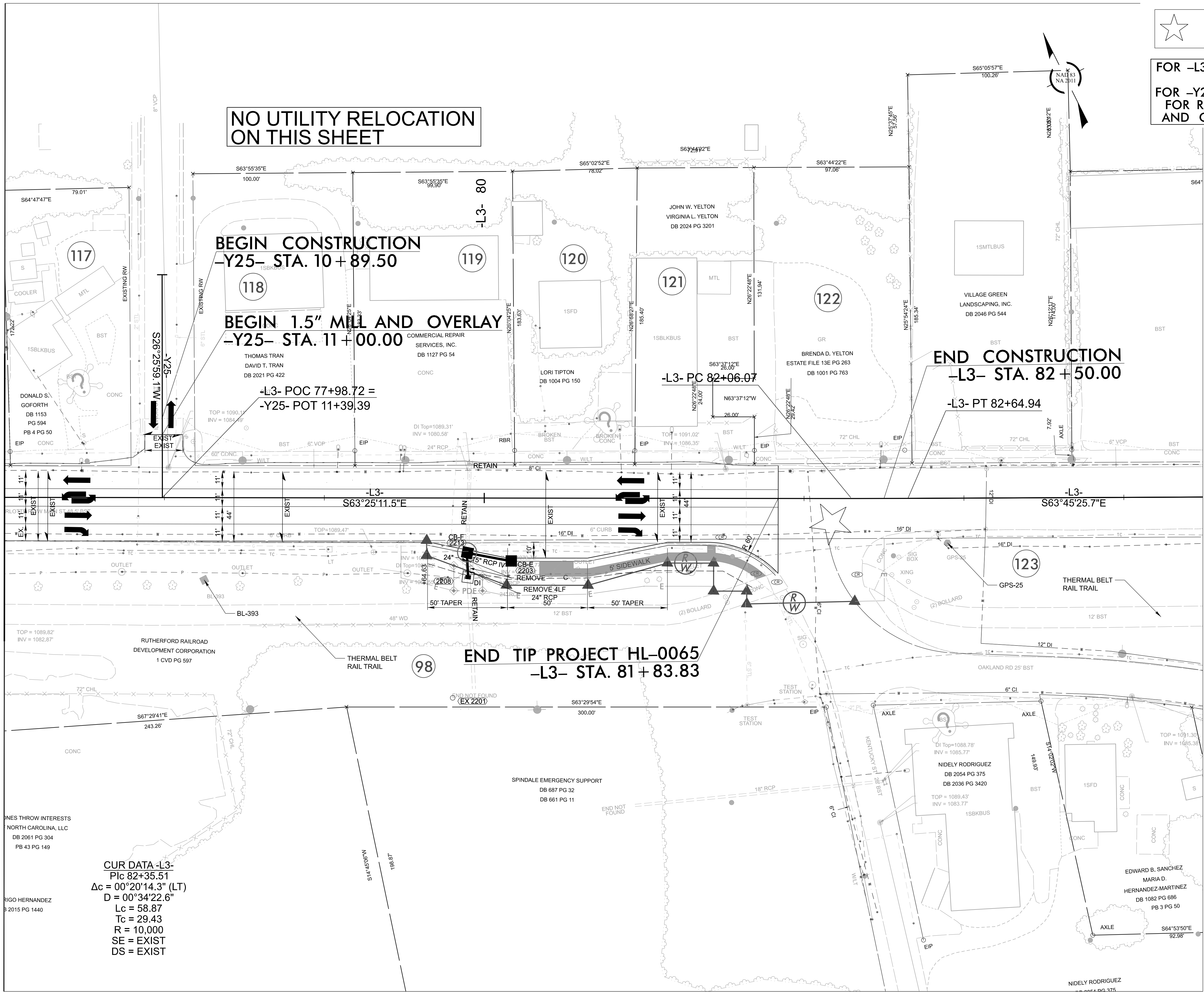


MATCH LINE -L3- STA 77+00.00 SEE SHEET UO-20

FOR -L3- PROFILE, SEE SHEET 29
FOR -Y23- PROFILE, SEE SHEET 34
FOR -Y24- PROFILE, SEE SHEET 34
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-17

R/W	UO-19
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RUTHERFORD COUNTY	
ROADWAY DESIGN UNIT ROADWAY DESIGN ENGINEER	
HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
PREPARED BY HNTB HNTB CONSULTING ENGINEERS 1000 SOUTH PARKWAY, SUITE 100 RUTHERFORD, NEW JERSEY 07070 TEL: 908.281.1000 WWW.HNTB.COM	
REVISIONS	

MATCH LINE -L3- STA 77+00.00 SEE SHEET UO-19



★ EXISTING SIGNAL

FOR -L3- PROFILE, SEE SHEETS 29 AND 30
FOR -Y25- PROFILE, SEE SHEET 34
FOR RIGHT-OF-WAY STATIONS AND OFFSETS, SEE SHEET 2B-18

HL-0065
UO-20

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RUTHERFORD COUNTY

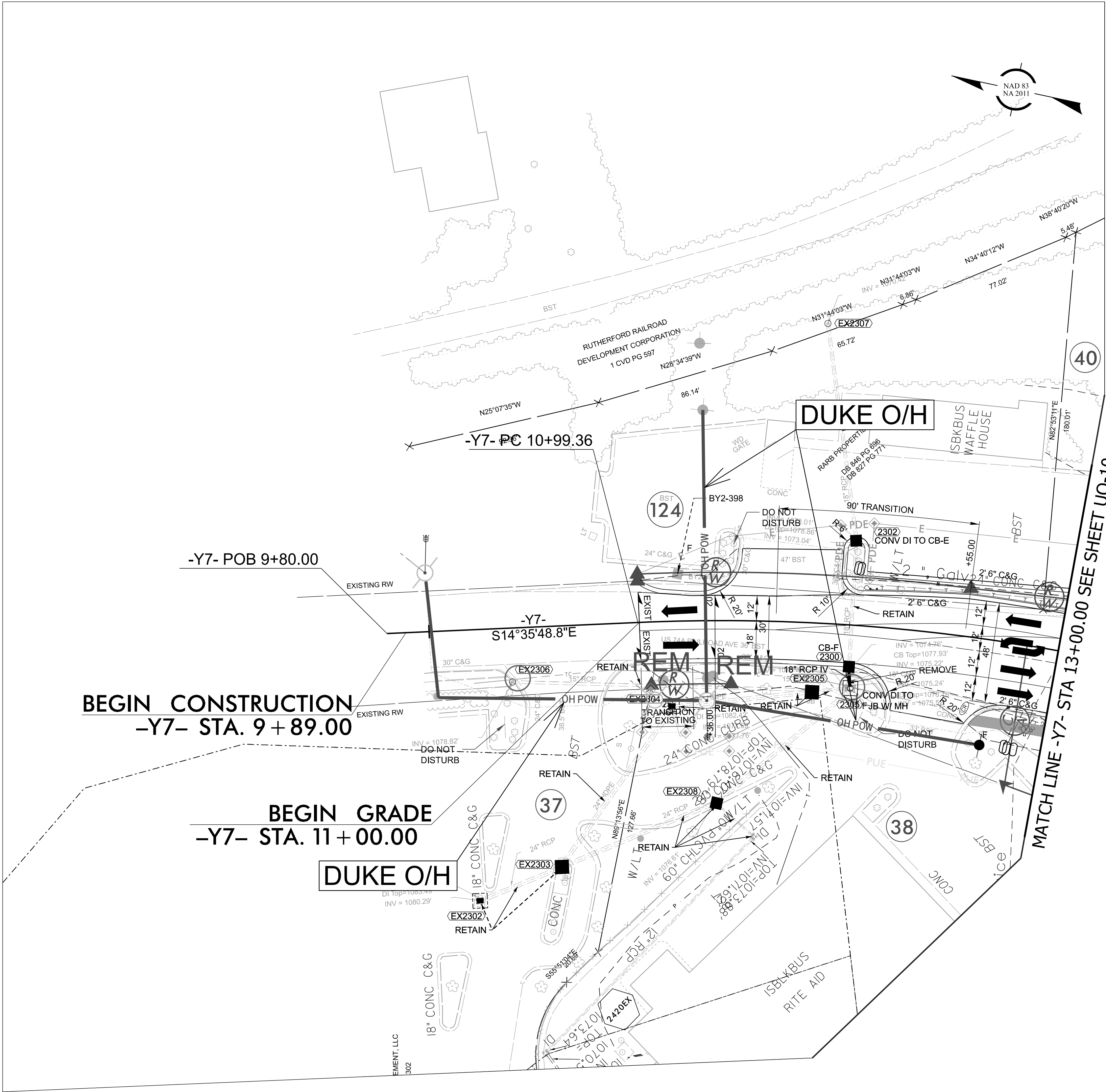
UTILITY DESIGN UNIT

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PREPARED BY
SAM

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

REVISIONS



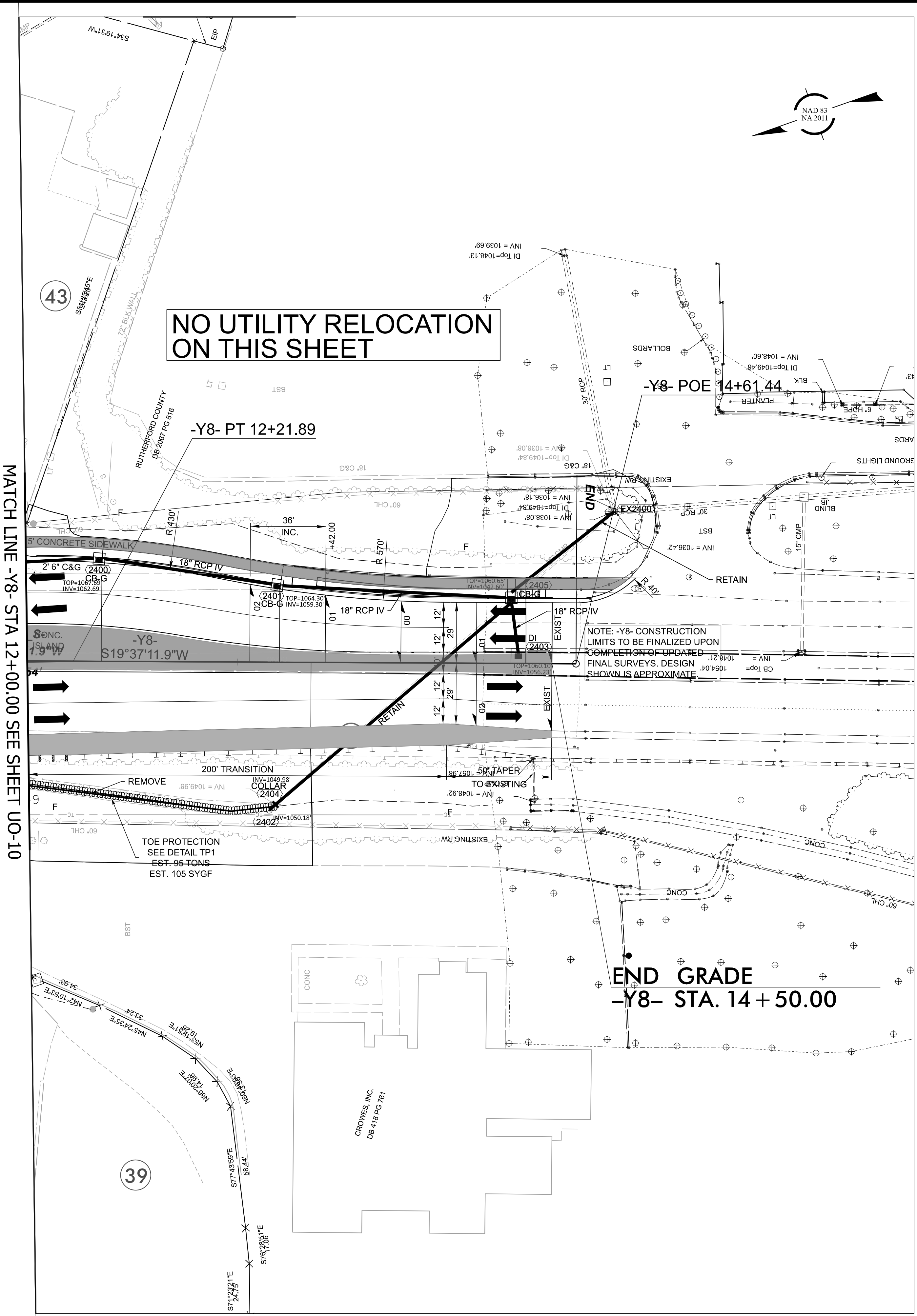
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THIS SHEET.

PREPARED BY
SAM
THE ASSOCIATED ENGINEERS
OF NORTH CAROLINA
INCORPORATED
1910-1911

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

REVISIONS

FOR -Y7- PROFILE, SEE SHEET 32
FOR RIGHT-OF-WAY STATIONS
AND OFFSETS, SEE SHEET 2B-19



HL-0065

UO-22

NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

RUTHERFORD COUNTY

UTILITY DESIGN UNIT

ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

PREPARED BY

INCOMPLETE PLANS

DO NOT USE FOR R/W ACQUISITION

REVISIONS

FOR -Y8- PROFILE, SEE SHEET 32

FOR RIGHT-OF-WAY STATIONS AND OFFSETS, SEE SHEET 2B-20