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09/08/99

TIP PROJECT: R-3100B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

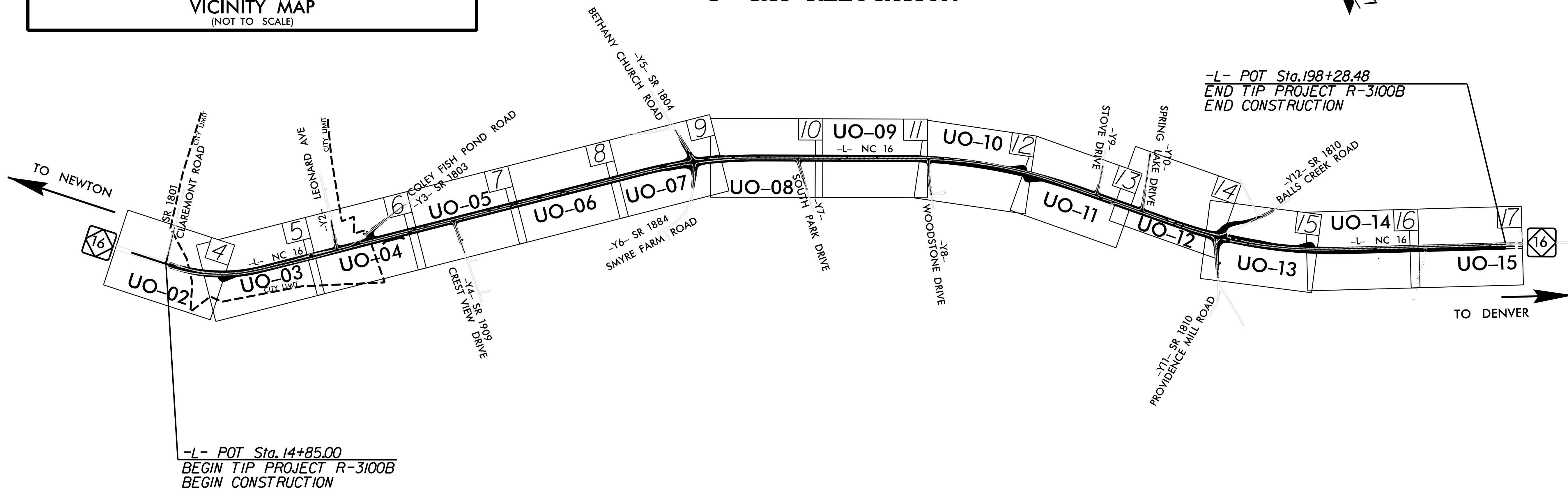
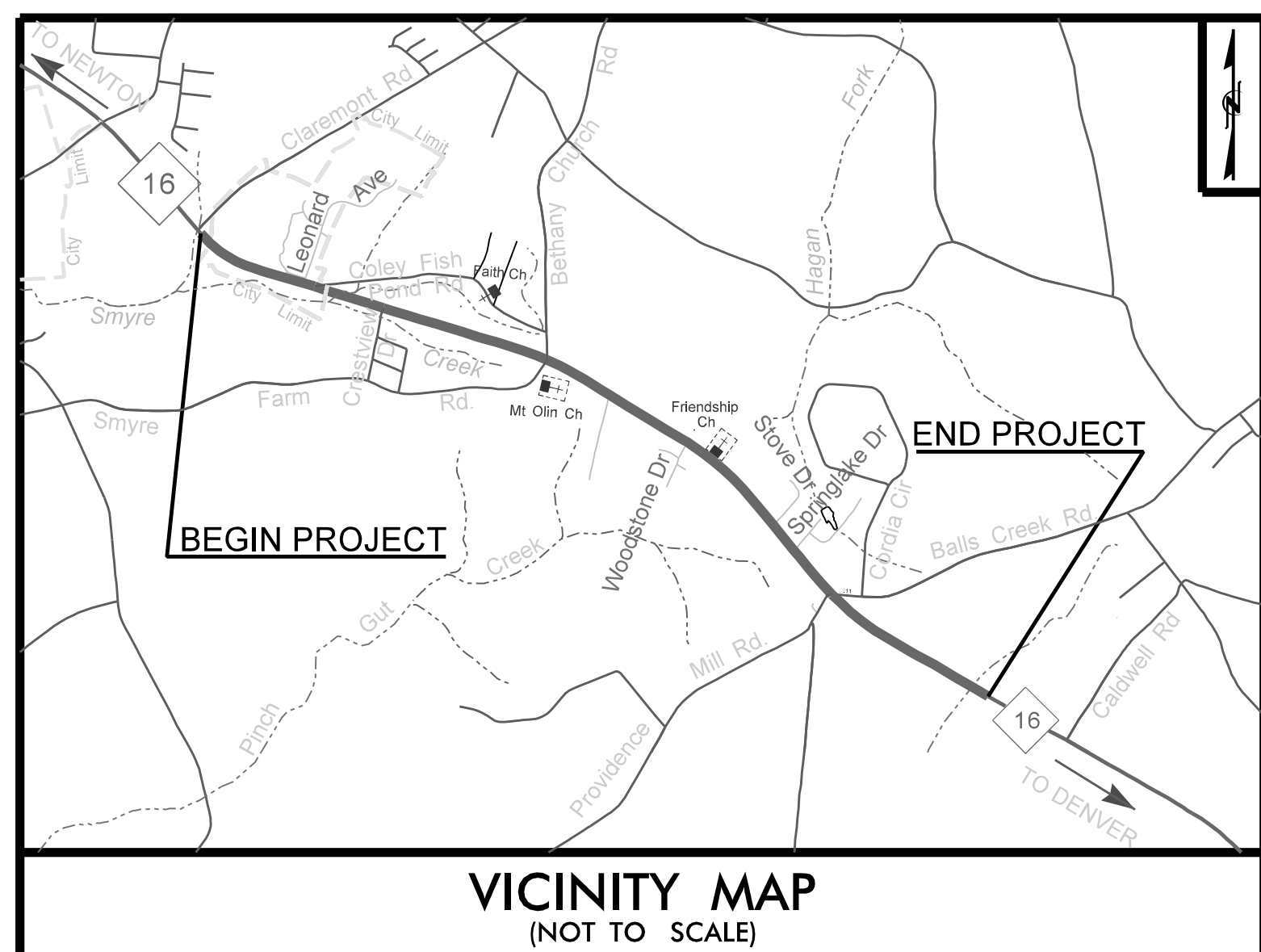
T.I.P. NO.	SHEET NO.
R-3100B	UO-1

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

UTILITIES BY OTHERS PLANS
CATAWBA COUNTY

LOCATION: NC 16 FROM NORTH OF SR 1801 (CLAREMONT RD.)
AND NORTH OF SR 1814 (CALDWELL RD.)

TYPE OF WORK: DISTRIBUTION POWER, TELECOMMUNICATIONS
& GAS RELOCATION



PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

GRAPHIC SCALES



INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-02 THRU UO-15	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

- (A) DUKE ENERGY PROGRESS - POWER DISTRIBUTION
- (B) AT&T - TELECOMMUNICATIONS
- (C) CHARTER COMMUNICATIONS - TELECOMM.
- (D) PIEDMONT NATURAL GAS - GAS DISTRIBUTION

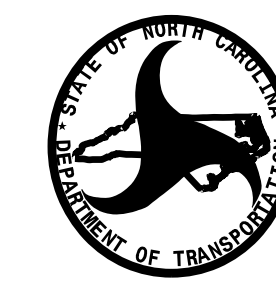
PREPARED IN THE OFFICE OF:

SO-DEEP | SAM NC

SO-DEEP | SAM NC, Inc.

A SAM COMPANY
2800-154 Sumner Boulevard, Raleigh, NC 27616 Tel 919-878-7466

Keith Garry UTILITY PROJECT MANAGER
XXXX PROJECT UTILITY COORDINATOR



DIVISION OF HIGHWAYS
UTILITIES UNIT
1555 MAIL SERVICES CENTER
RALEIGH NC 27699-1555
PHONE (919) 707-6690
FAX (919) 250-4151

Carl Barclay, PE UTILITIES REGIONAL ENGINEER
James E. Swinson UTILITIES ENGINEER
Amy Dupree UTILITIES AREA COORDINATOR
Steve Trexler UTILITIES COORDINATOR

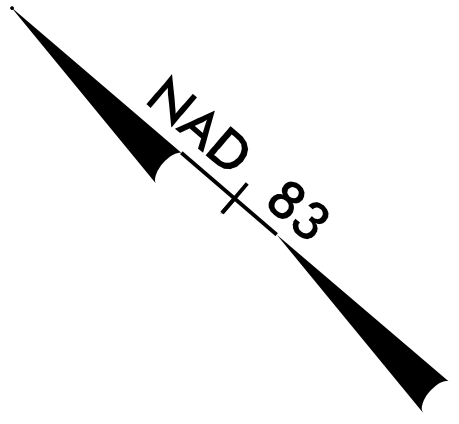
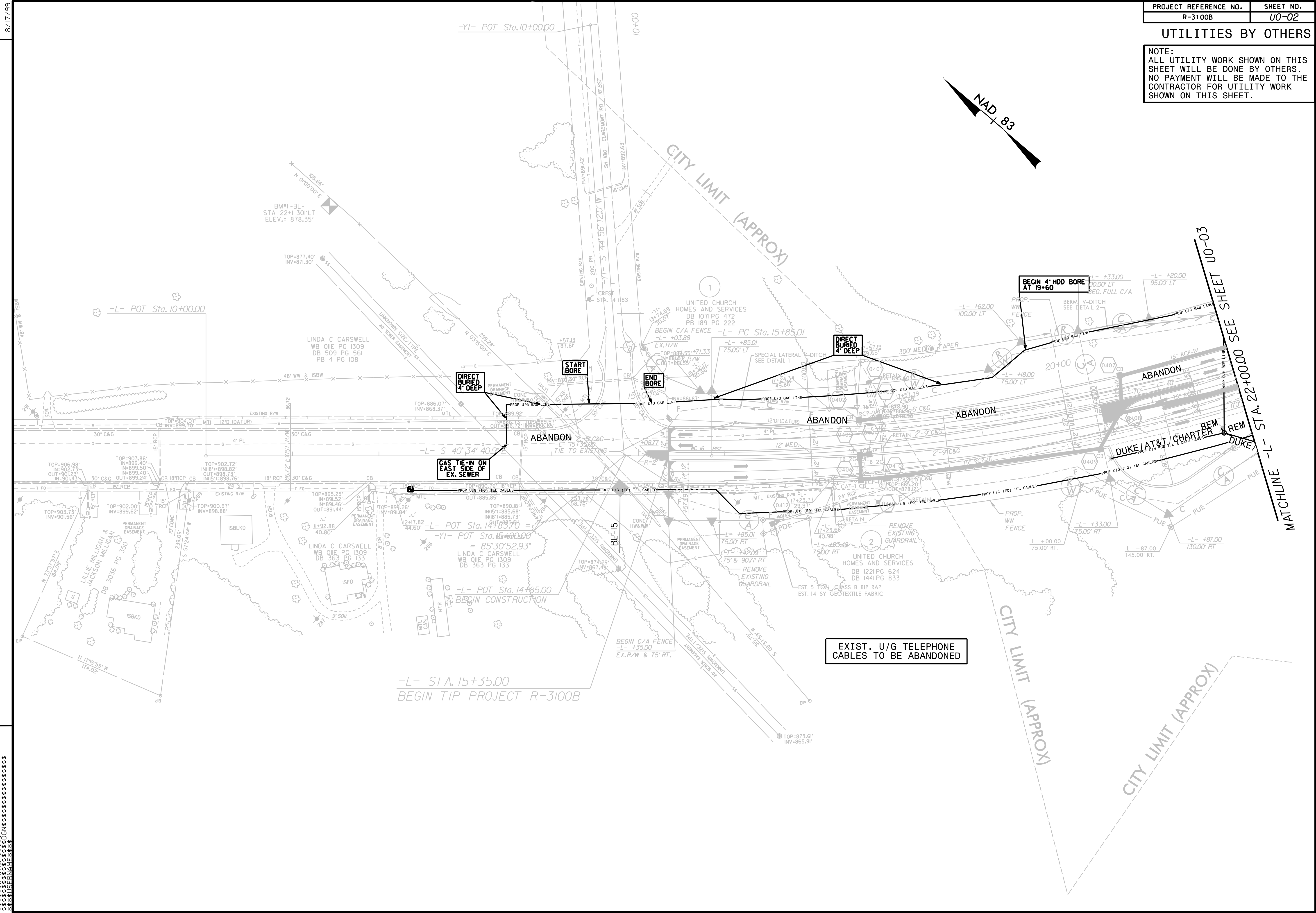
\$\$\$ SYSTEM TIME \$\$\$
\$\$\$ DDNNMM \$\$\$
\$\$\$ USERNAME \$\$\$

UTILITIES BY OTHERS

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8/17/99

REVISIONS

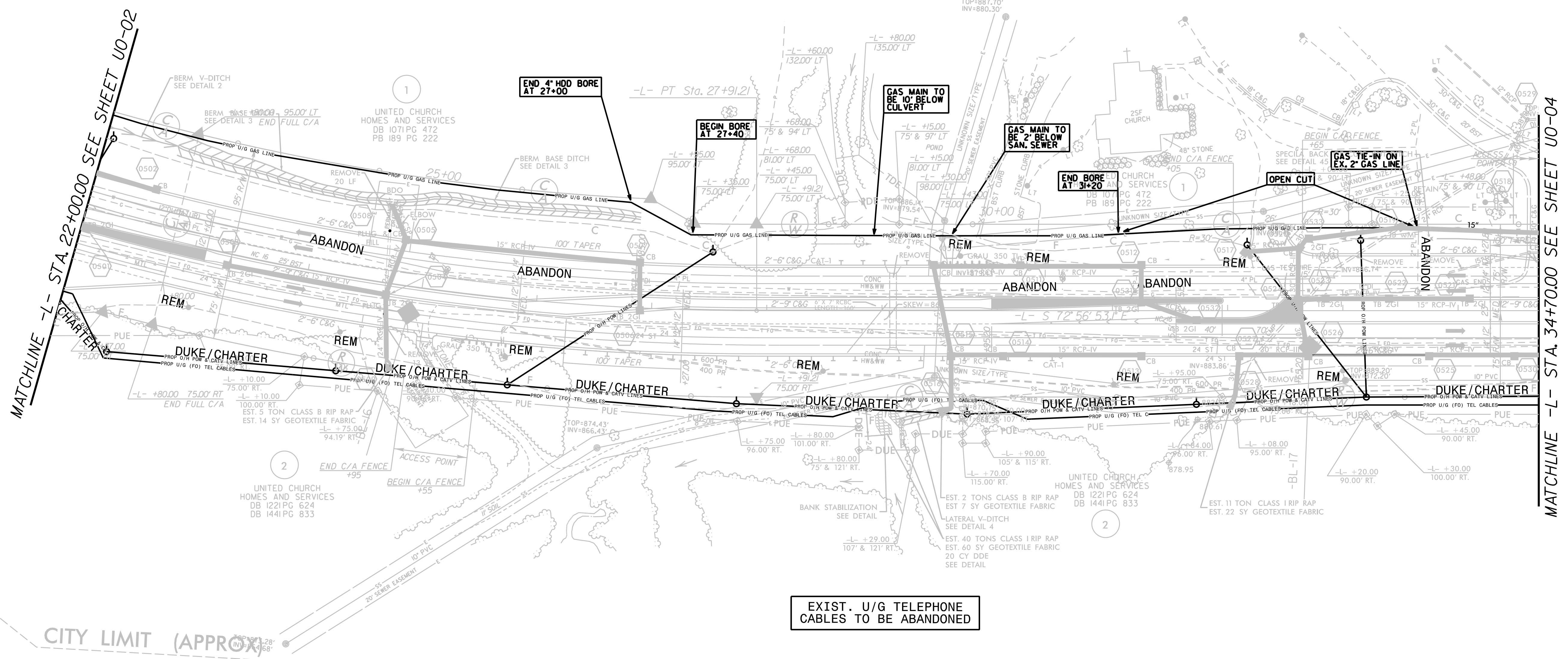
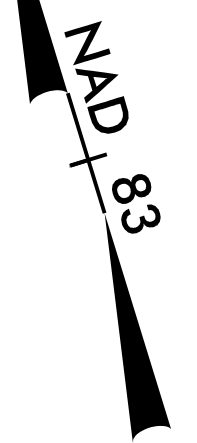


MATCHLINE -L- STA. 22+00.00 SEE SHEET U0-03

CONSTRUCTION NOTES
 1. ALL UTILITIES TO BE ABANDONED AS SHOWN.
 2. VERIFY ALL UTILITIES BEFORE CONSTRUCTION.
 3. MAINTAIN ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED.
 4. PROTECT ALL UTILITIES TO REMAIN.
 5. ALL WORK TO BE DONE IN ACCORDANCE WITH CITY SPECIFICATIONS.
 6. MAINTAIN PROPER CLEARANCES.
 7. ALL TRENCHES TO BE BACKFILLED AND COMPACTED.
 8. ALL EROSION CONTROL MEASURES TO BE INSTALLED AND MAINTAINED.
 9. ALL UTILITIES TO BE REINSTALLED TO ORIGINAL OR BETTER CONDITION.
 10. ALL WORK TO BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
 11. ALL MATERIALS TO BE APPROVED BY THE CITY ENGINEER.
 12. ALL UTILITIES TO BE PROTECTED DURING CONSTRUCTION.
 13. ALL UTILITIES TO BE ABANDONED IN ACCORDANCE WITH CITY SPECIFICATIONS.
 14. ALL UTILITIES TO BE ABANDONED IN ACCORDANCE WITH CITY SPECIFICATIONS.
 15. ALL UTILITIES TO BE ABANDONED IN ACCORDANCE WITH CITY SPECIFICATIONS.
 16. ALL UTILITIES TO BE ABANDONED IN ACCORDANCE WITH CITY SPECIFICATIONS.
 17. ALL UTILITIES TO BE ABANDONED IN ACCORDANCE WITH CITY SPECIFICATIONS.
 18. ALL UTILITIES TO BE ABANDONED IN ACCORDANCE WITH CITY SPECIFICATIONS.
 19. ALL UTILITIES TO BE ABANDONED IN ACCORDANCE WITH CITY SPECIFICATIONS.
 20. ALL UTILITIES TO BE ABANDONED IN ACCORDANCE WITH CITY SPECIFICATIONS.

UTILITIES BY OTHERS

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MATCHLINE -L- STA. 22+00.00 SEE SHEET U0-02

MATCHLINE -L- STA. 34+70.00 SEE SHEET U0-04

EXIST. U/G TELEPHONE CABLES TO BE ABANDONED

CITY LIMIT (APPROX)

CITY LIMIT (APPROX)

REVISIONS

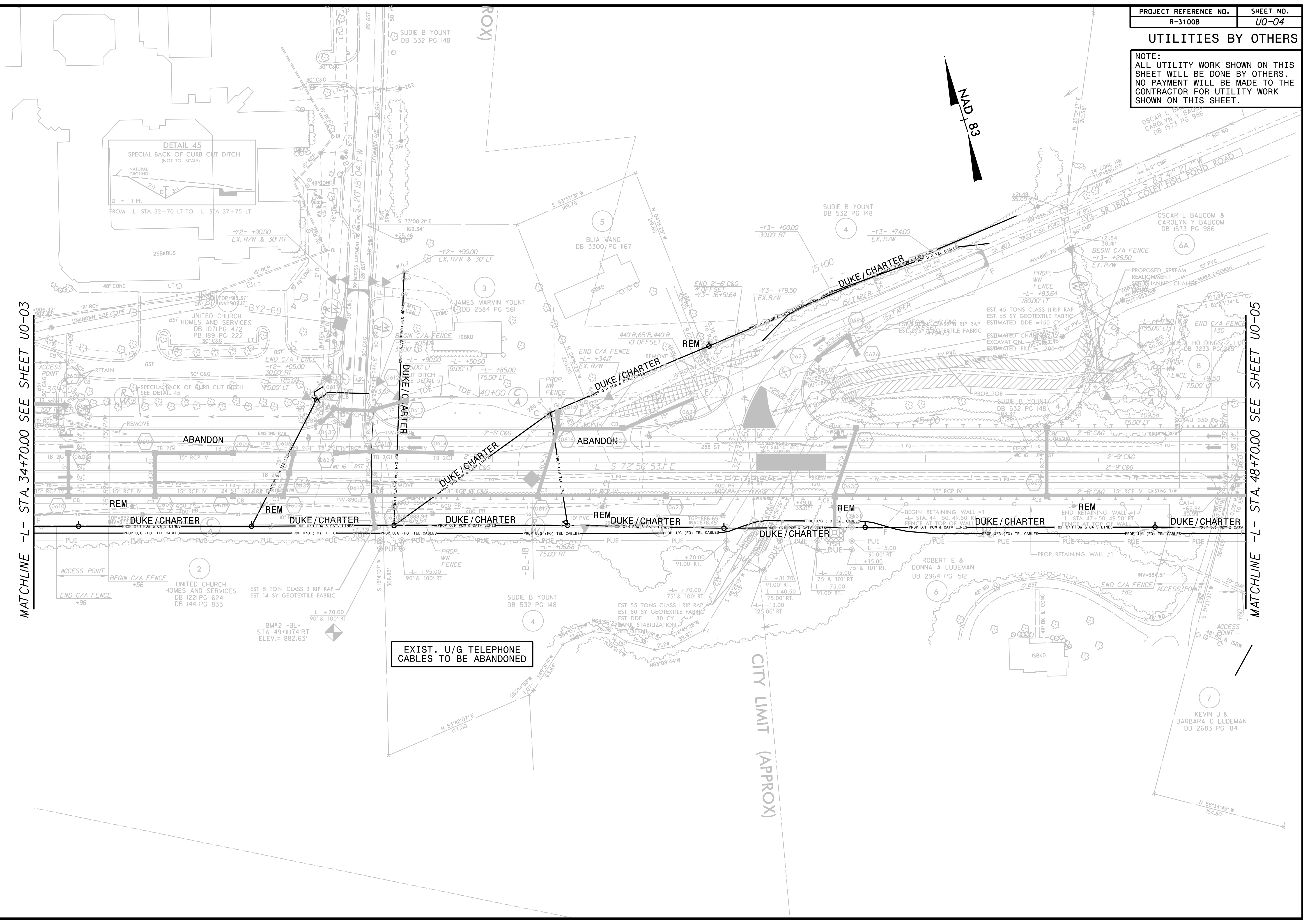
8/17/99

CONSTRUCTION

UTILITIES BY OTHERS

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8/17/99



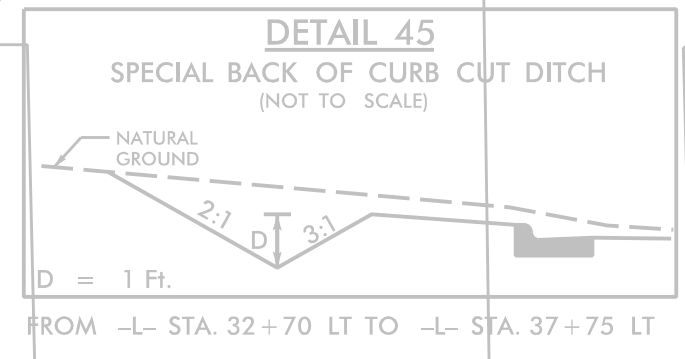
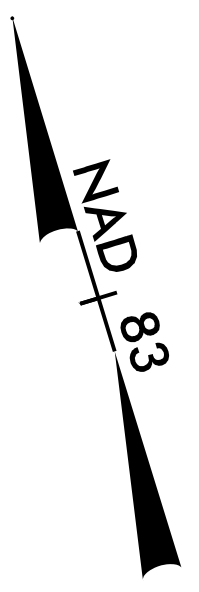
MATCHLINE -L- STA. 34+70.00 SEE SHEET UO-03

MATCHLINE -L- STA. 48+70.00 SEE SHEET UO-05

REVISIONS

EXIST. U/G TELEPHONE CABLES TO BE ABANDONED

CONSTRUCTION NOTES

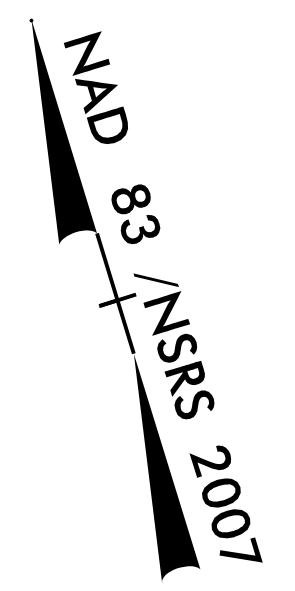


CITY LIMIT (APPROX)

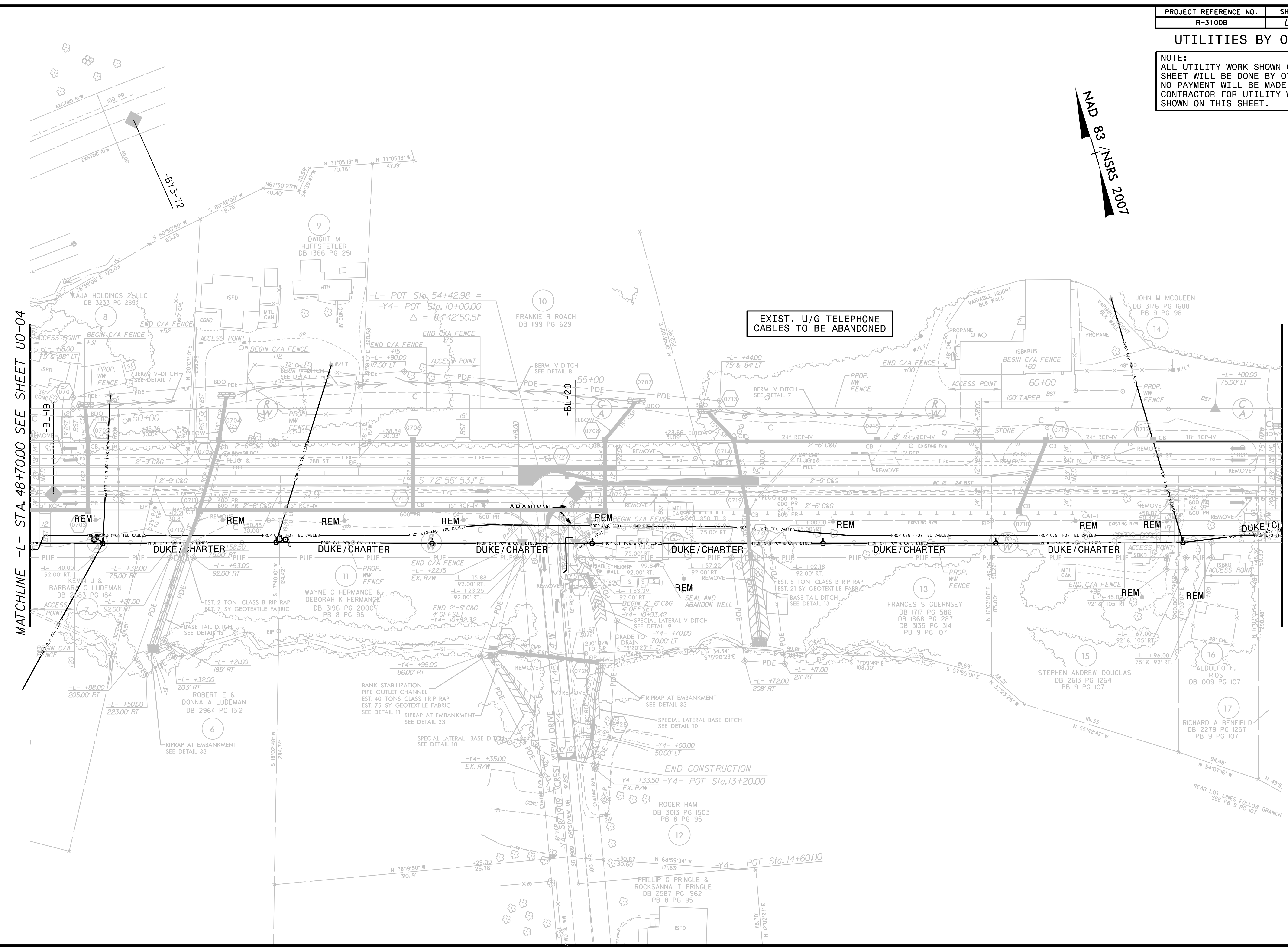
CONSTRUCTION NOTES

UTILITIES BY OTHERS

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REVISIONS
DATE: 06/22/2015 - REVISED EXISTING RIGHT OF WAY ON PARCEL 13.
DATE: 07/06/2015 - INCREASED PERMANENT DRAINAGE EASEMENT ON PARCELS 6, 12 & 13.



MATCHLINE -L- STA. 48+70.00 SEE SHEET U0-04

MATCHLINE -L- STA. 62+75.00 SEE SHEET U0-06

EXIST. U/G TELEPHONE CABLES TO BE ABANDONED

ABANDON

-BY3-72

-BL-20

-L- POT Sta. 54+42.98 =
-Y4- POT Sta. 10+00.00
Δ = 84°42'50.51"

-Y4- POT Sta. 14+60.00

-Y4- +33.50 -Y4- POT Sta. 13+20.00

-Y4- +35.00 EX. R/W

-L- +88.00 205.00' RT

-L- +50.00 223.00' RT

-L- +32.00 203' RT

-L- +21.00 185' RT

-L- +53.00 92.00' RT

-L- +32.00 75.00' RT

-L- +32.00 92.00' RT

-L- +23.25 92.00' RT

-L- +15.88 92.00' RT

-L- +22.15 EX. R/W

-L- +83.39 92.00' RT

-L- +57.22 92.00' RT

-L- +02.18 92.00' RT

-L- +00.00 75.00' RT

-L- +44.00 75' & 84' LT

-L- +100.00 75.00' LT

-L- +45.00 92' & 105' RT

-L- +96.00 75' & 92' RT

-L- +67.00 92' & 105' RT

-L- +45.00 92' & 105' RT

-L- +96.00 75' & 92' RT

-L- +67.00 92' & 105' RT

-L- +45.00 92' & 105' RT

-L- +96.00 75' & 92' RT

-L- +67.00 92' & 105' RT

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-L- +96.00 75' & 92' RT

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-L- +96.00 75' & 92' RT

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-L- +45.00 92' & 105' RT

-L- +96.00 75' & 92' RT

-L- +67.00 92' & 105' RT

-L- +45.00 92' & 105' RT

UTILITIES BY OTHERS

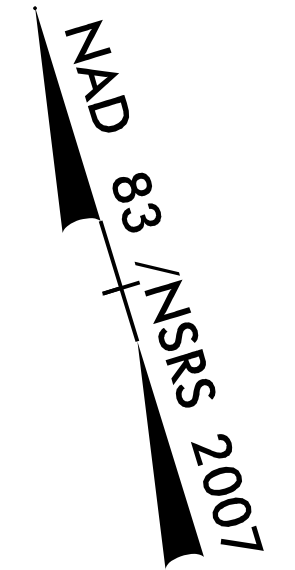
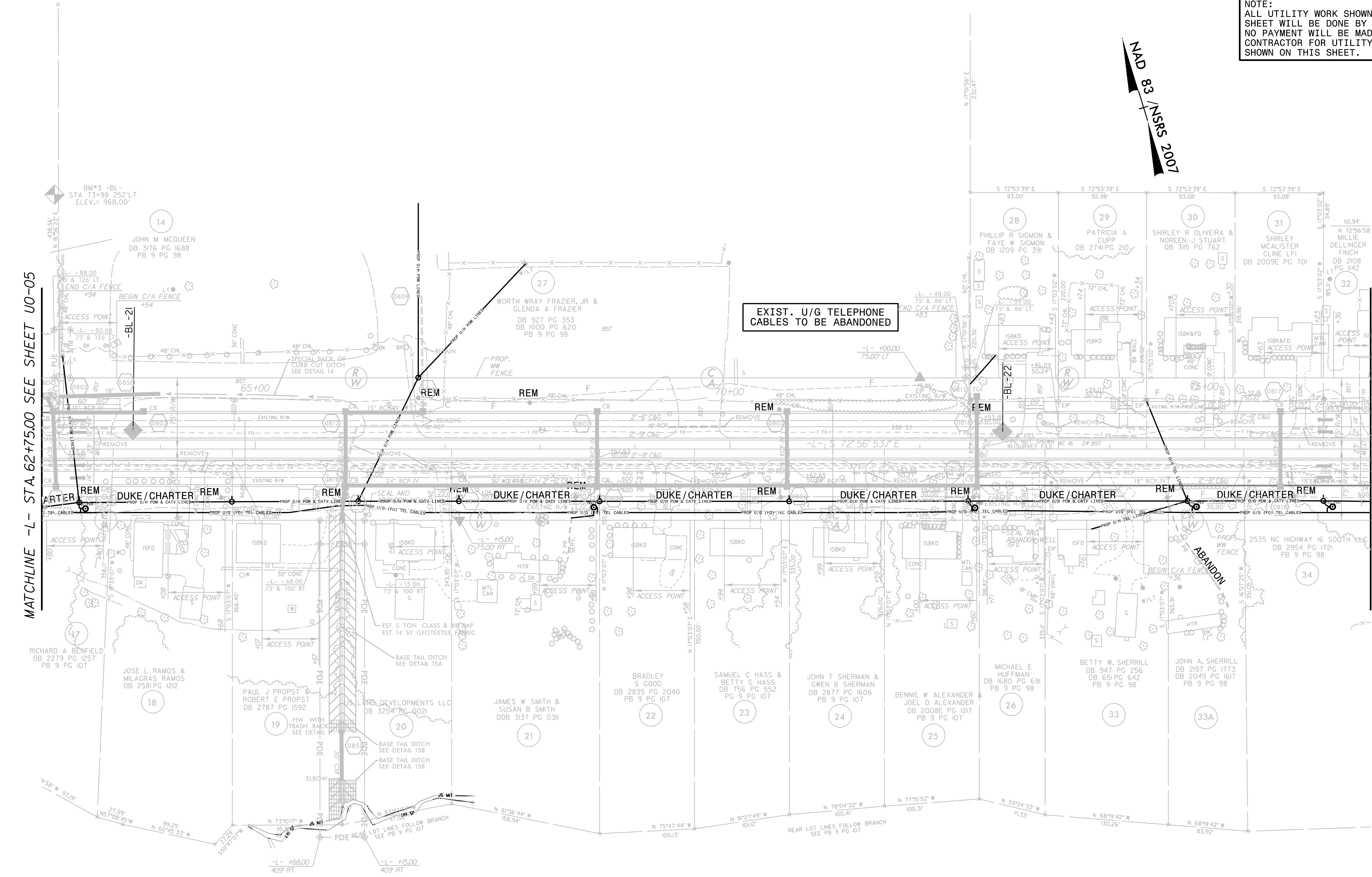
NOTE:
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8/17/09

REVISIONS
 DATE: 07/06/2015 - INCREASED PERMANENT DRAINAGE EASEMENT ON PARCELS 19 & 20.

MATCHLINE -L- STA. 62+75.00 SEE SHEET UO-05

MATCHLINE -L- STA. 76+75.00 SEE SHEET UO-07

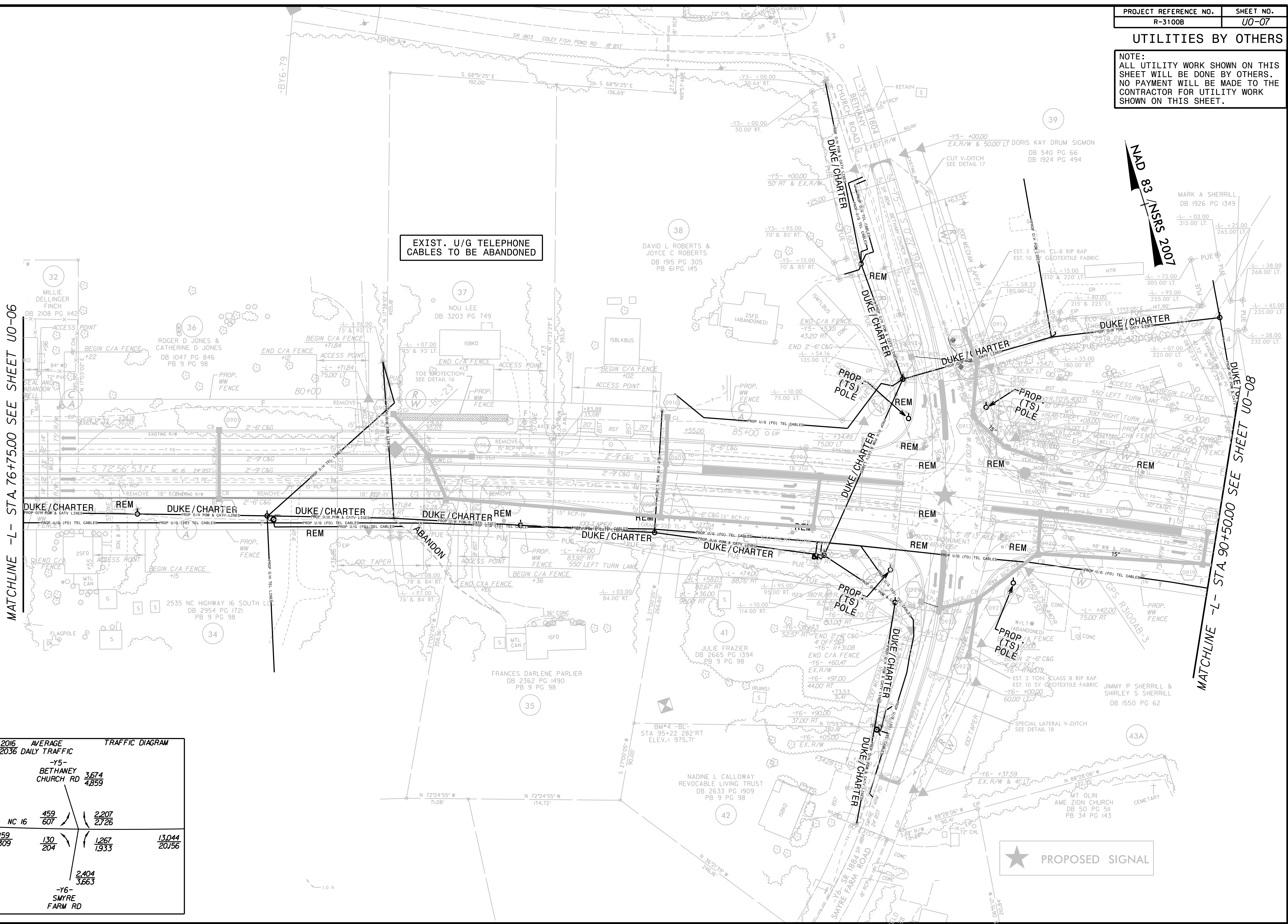


EXIST. U/G TELEPHONE CABLES TO BE ABANDONED

CONTRACTOR'S USE ONLY

UTILITIES BY OTHERS

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EXIST. U/G TELEPHONE CABLES TO BE ABANDONED

MATCHLINE -L- STA. 76+75.00 SEE SHEET UO-06

MATCHLINE -L- STA. 90+50.00 SEE SHEET UO-08

NAD 83 / NSRS 2007

2016 AVERAGE TRAFFIC DIAGRAM
2036 DAILY TRAFFIC

-Y5- BETHANEY CHURCH RD		3674	4859	
-L- NC 16	459	2,207	2,276	
	607			
10/59	130	1,267	1,304	13,044
16,309	204	1,933	2,016	
		2,404	3,663	
-Y6- SMYRE FARM RD				

★ PROPOSED SIGNAL

REVISIONS

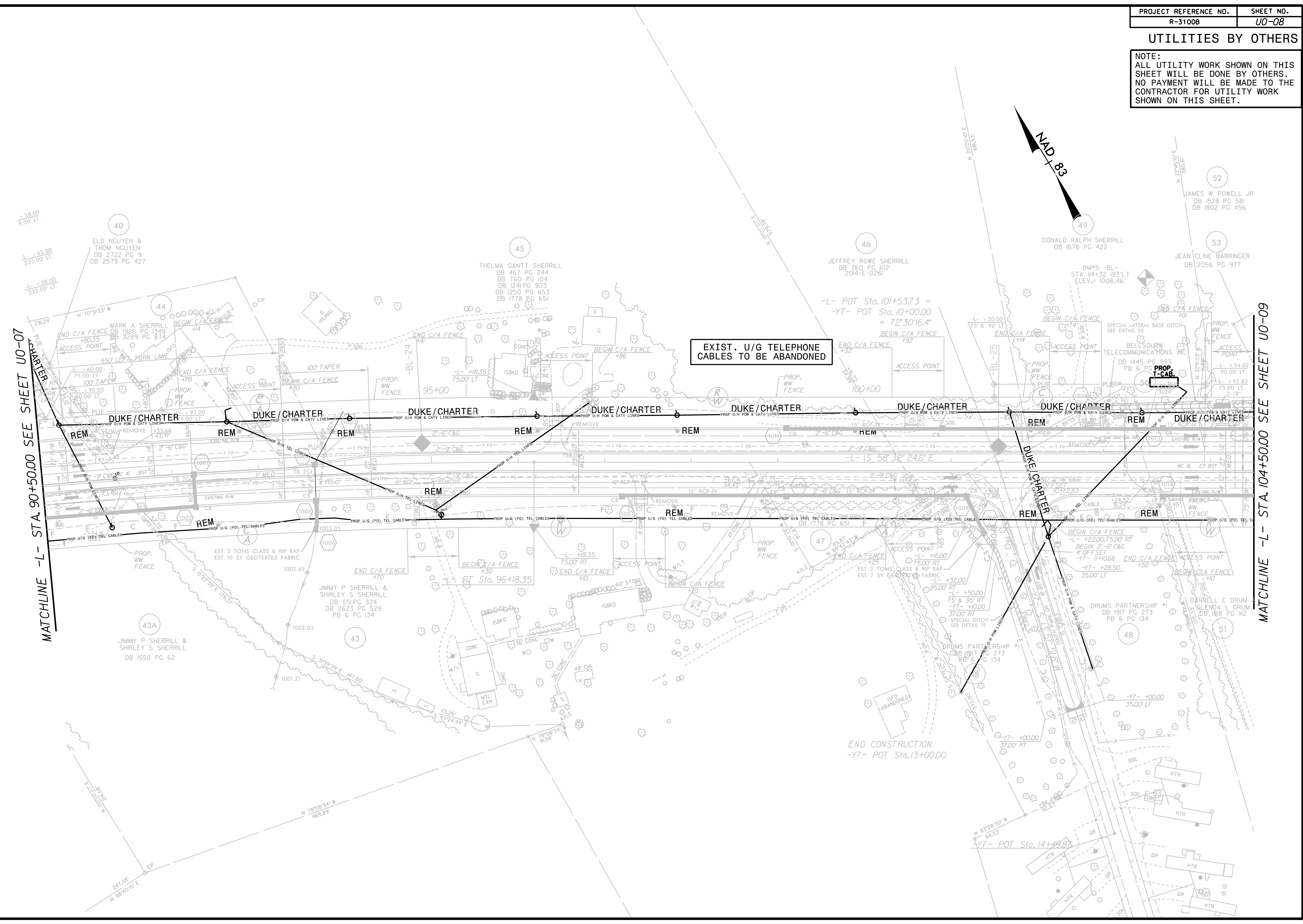
8/17/99

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8/17/99

REVISIONS



MATCHLINE -L- STA. 90+50.00 SEE SHEET U0-07

MATCHLINE -L- STA. 104+50.00 SEE SHEET U0-09

EXIST. U/G TELEPHONE CABLES TO BE ABANDONED

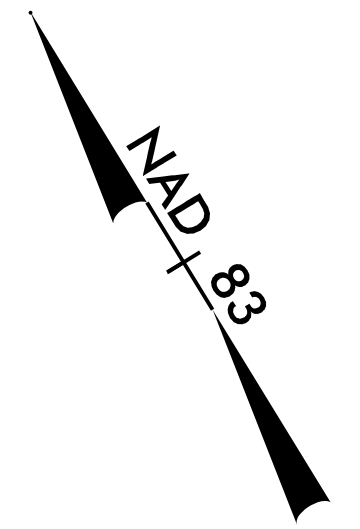
END CONSTRUCTION
 -Y7- POT Sta. 13+00.00

-Y7- POT Sta. 14+49.87

CONSTRUCTION

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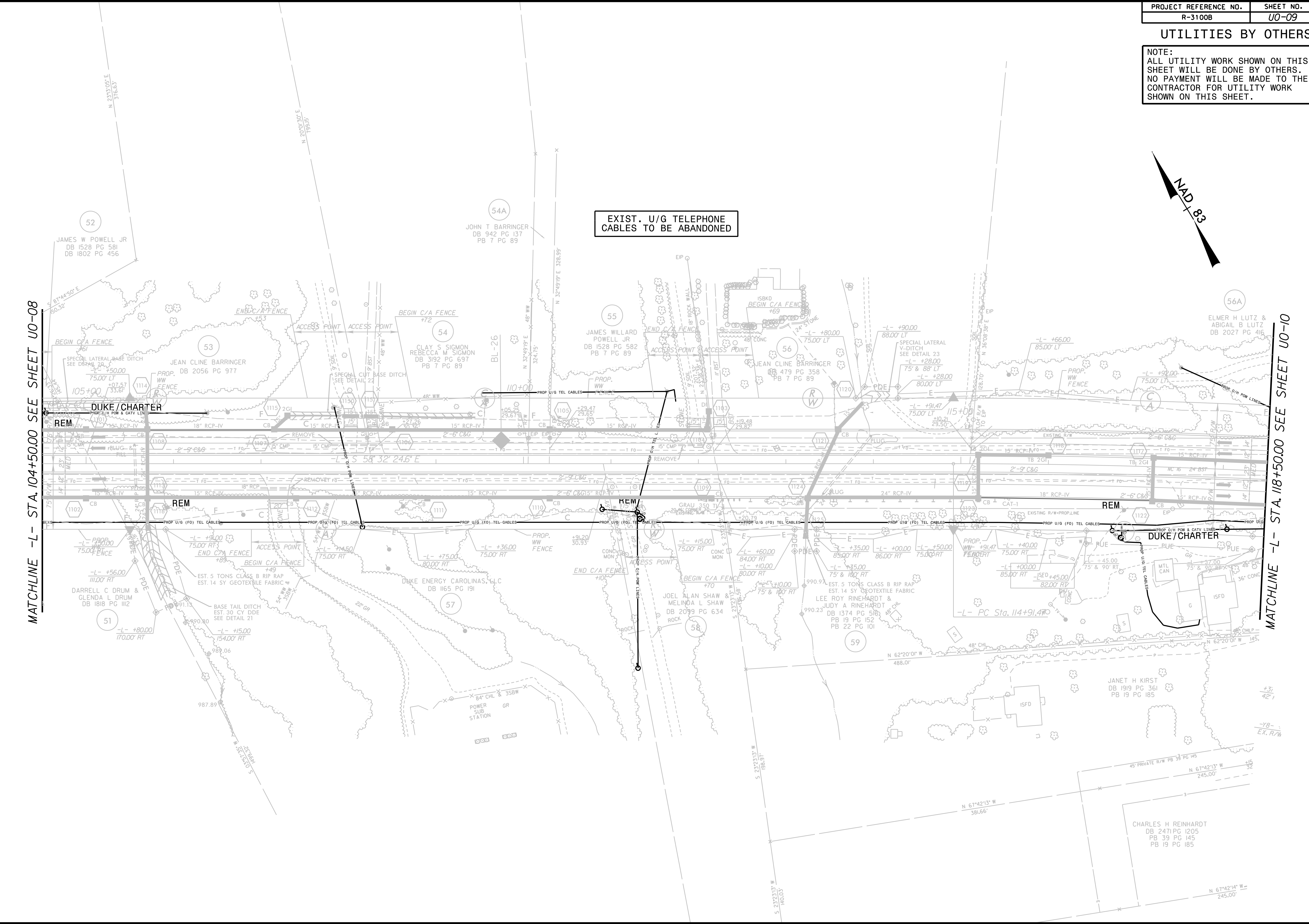
EXIST. U/G TELEPHONE CABLES TO BE ABANDONED

MATCHLINE -L- STA. 104+50.00 SEE SHEET U0-08

MATCHLINE -L- STA. 118+50.00 SEE SHEET U0-10

REVISIONS

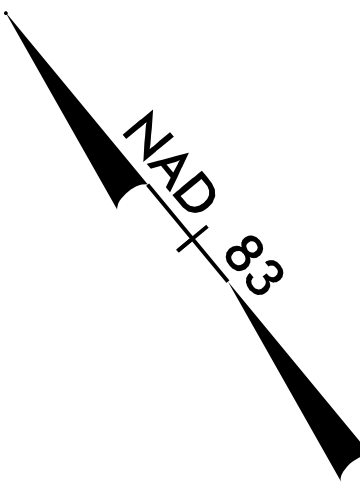
8/17/99



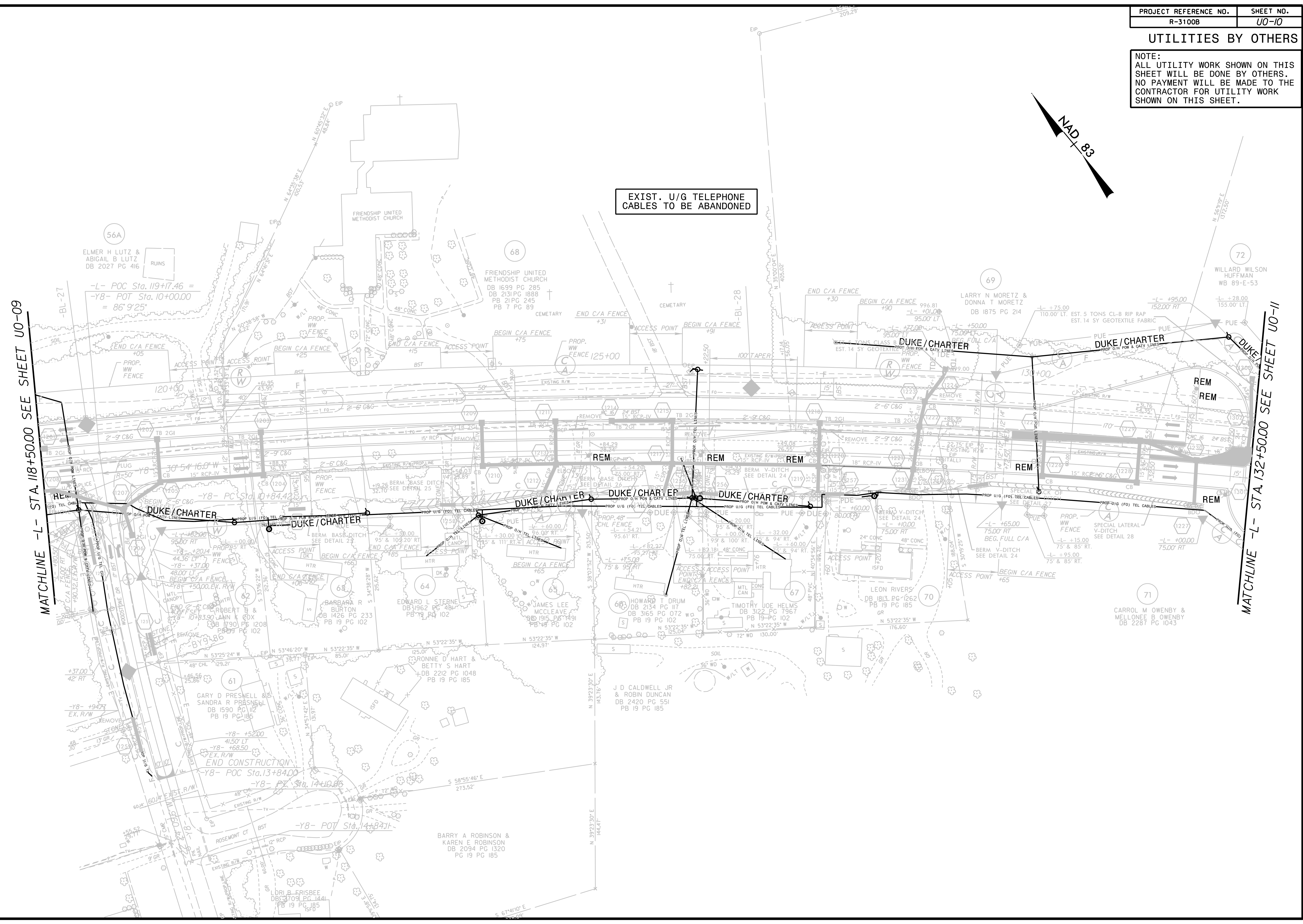
CONSTRUCTION NOTES

UTILITIES BY OTHERS

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EXIST. U/G TELEPHONE CABLES TO BE ABANDONED



MATCHLINE -L- STA. 118+50.00 SEE SHEET U0-09

MATCHLINE -L- STA. 132+50.00 SEE SHEET U0-11

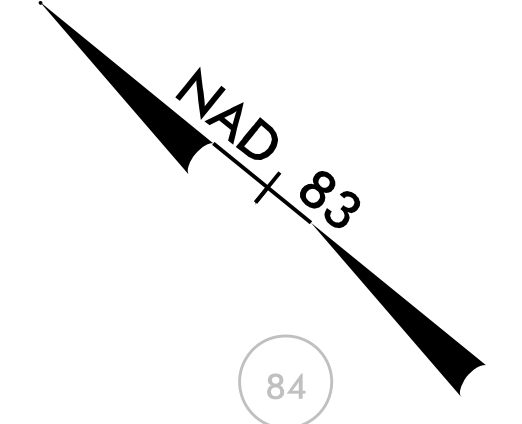
REVISIONS

8/17/99

CONSTRUCTION

UTILITIES BY OTHERS

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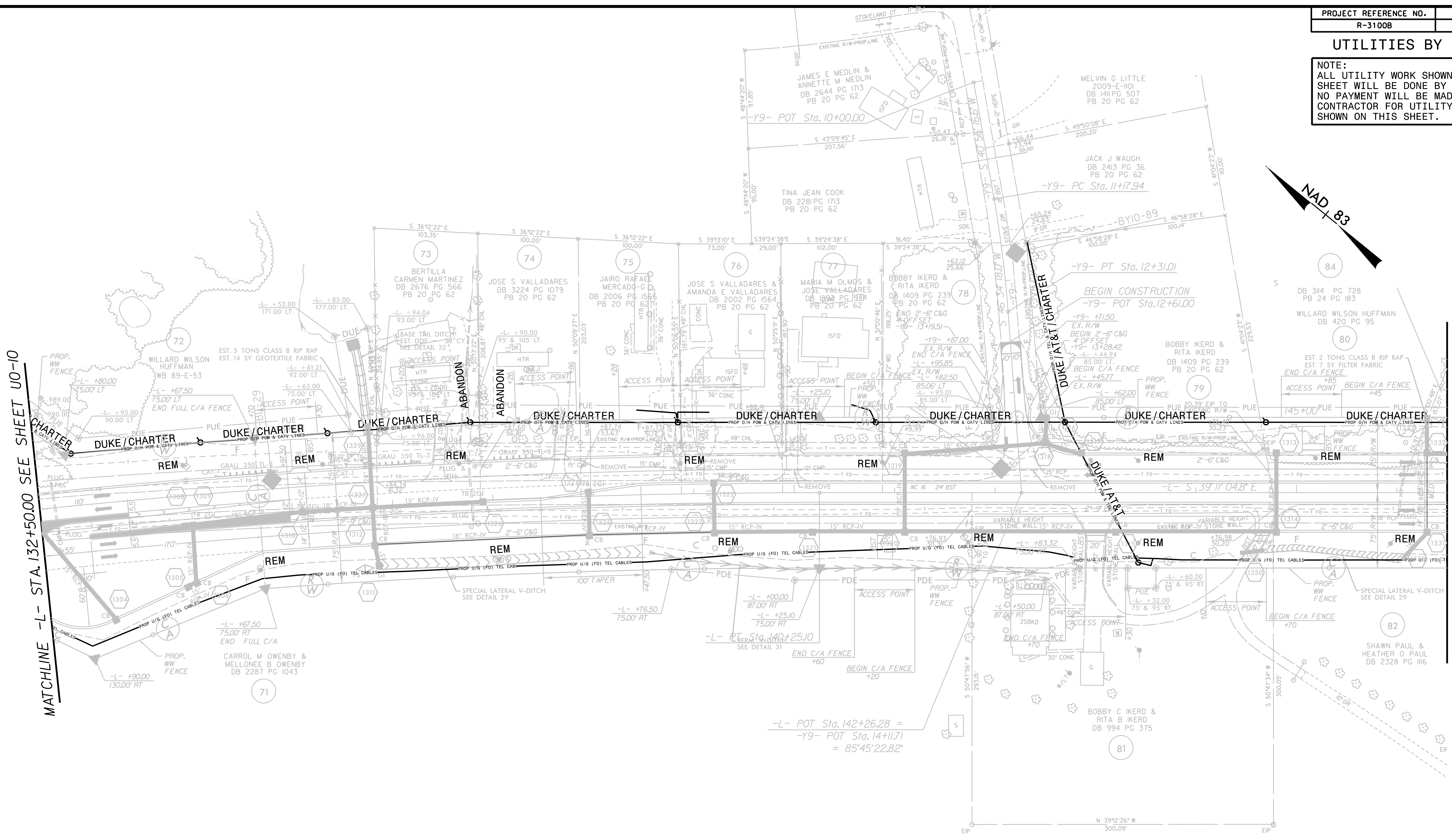


8/17/99

REVISIONS

MATCHLINE -L- STA. 132+50.00 SEE SHEET UO-10

MATCHLINE -L- STA. 146+50.00 SEE SHEET UO-12

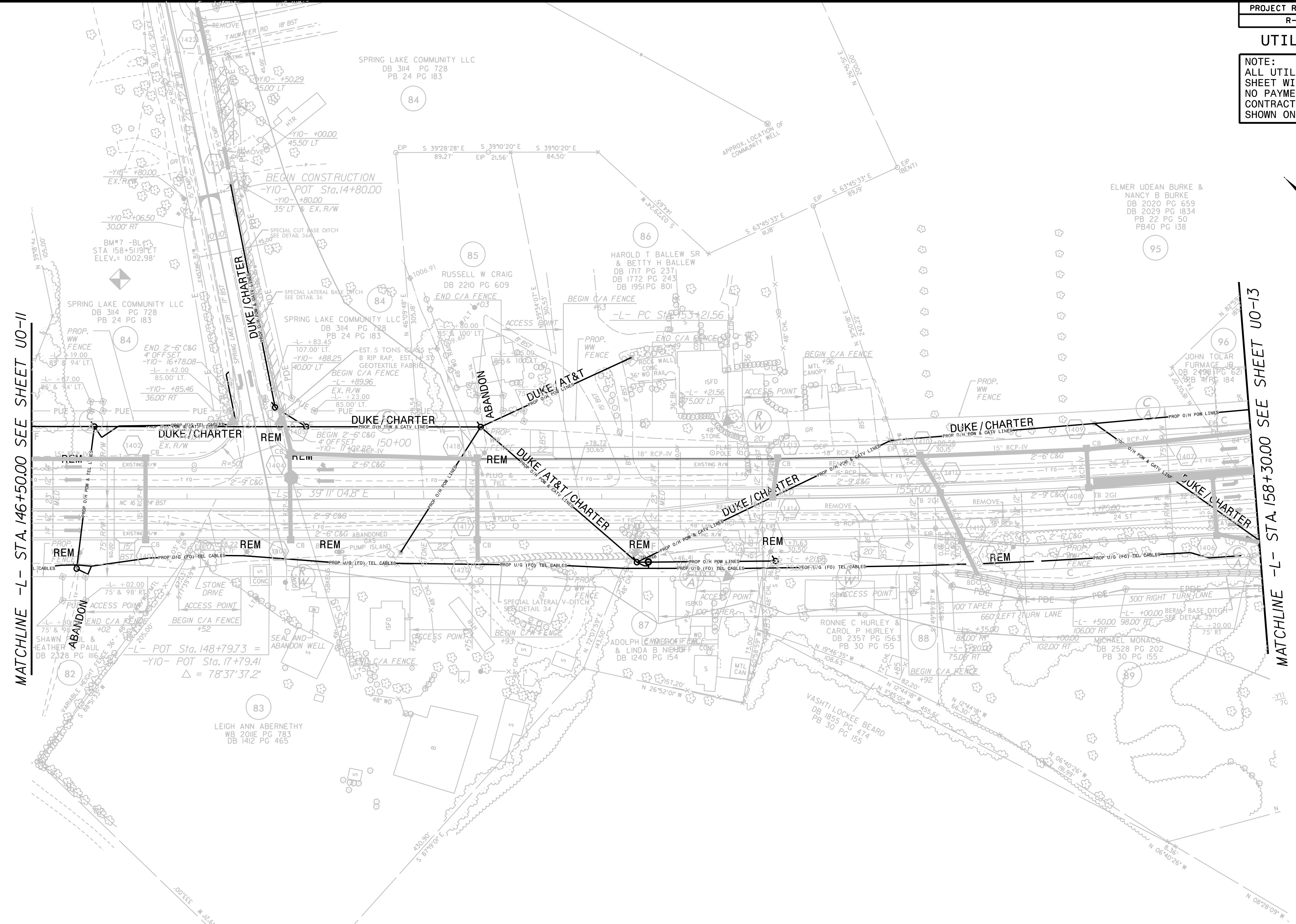
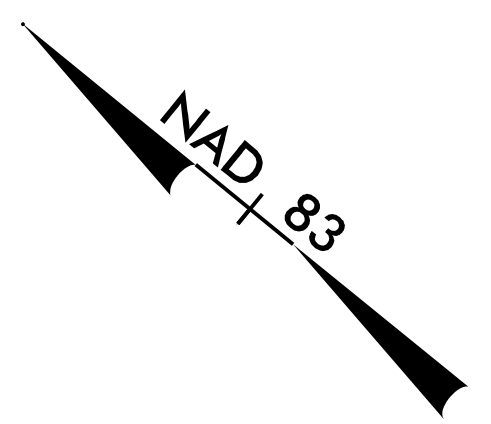


$$\begin{aligned}
 -L- \text{ POT Sta. } 142+26.28 &= \\
 -Y9- \text{ POT Sta. } 14+11.71 &= \\
 &= 85'45''22.82''
 \end{aligned}$$

CONSTRUCTION

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EXIST. U/G TELEPHONE CABLES TO BE ABANDONED

REVISIONS

8/17/99

CONSTRUCTION

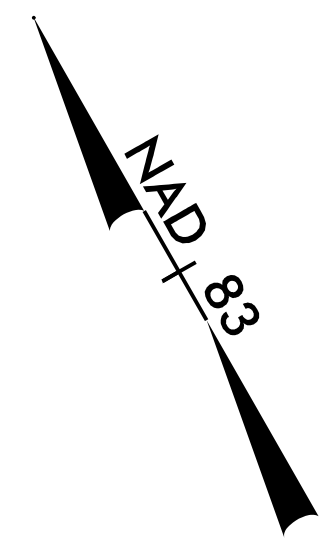
MATCHLINE -L- STA. 146+50.00 SEE SHEET U0-11

MATCHLINE -L- STA. 158+30.00 SEE SHEET U0-13

-Y10-
70' & 8

UTILITIES BY OTHERS

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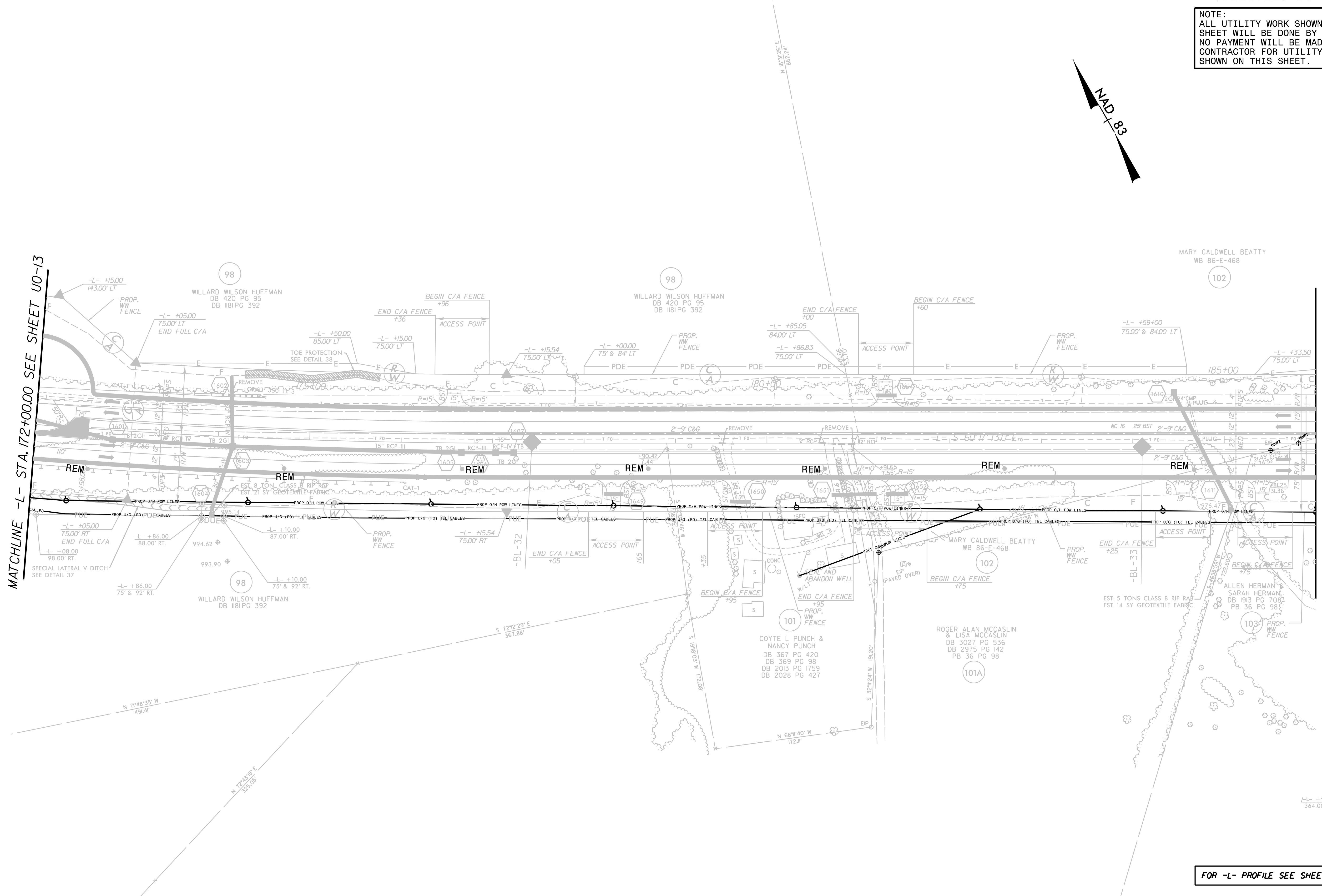


8/17/99

REVISIONS

MATCHLINE -L- STA. 172+00.00 SEE SHEET U0-13

MATCHLINE -L- STA. 186+00.00 SEE SHEET U0-15

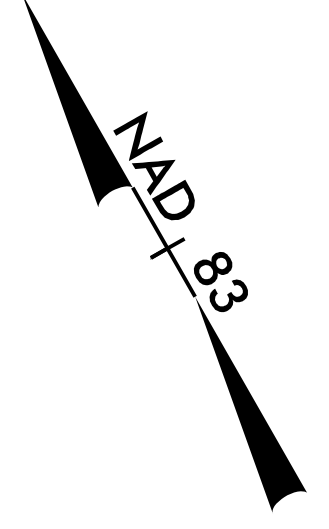


CONSTRUCTION CONDITIONS

FOR -L- PROFILE SEE SHEET 24

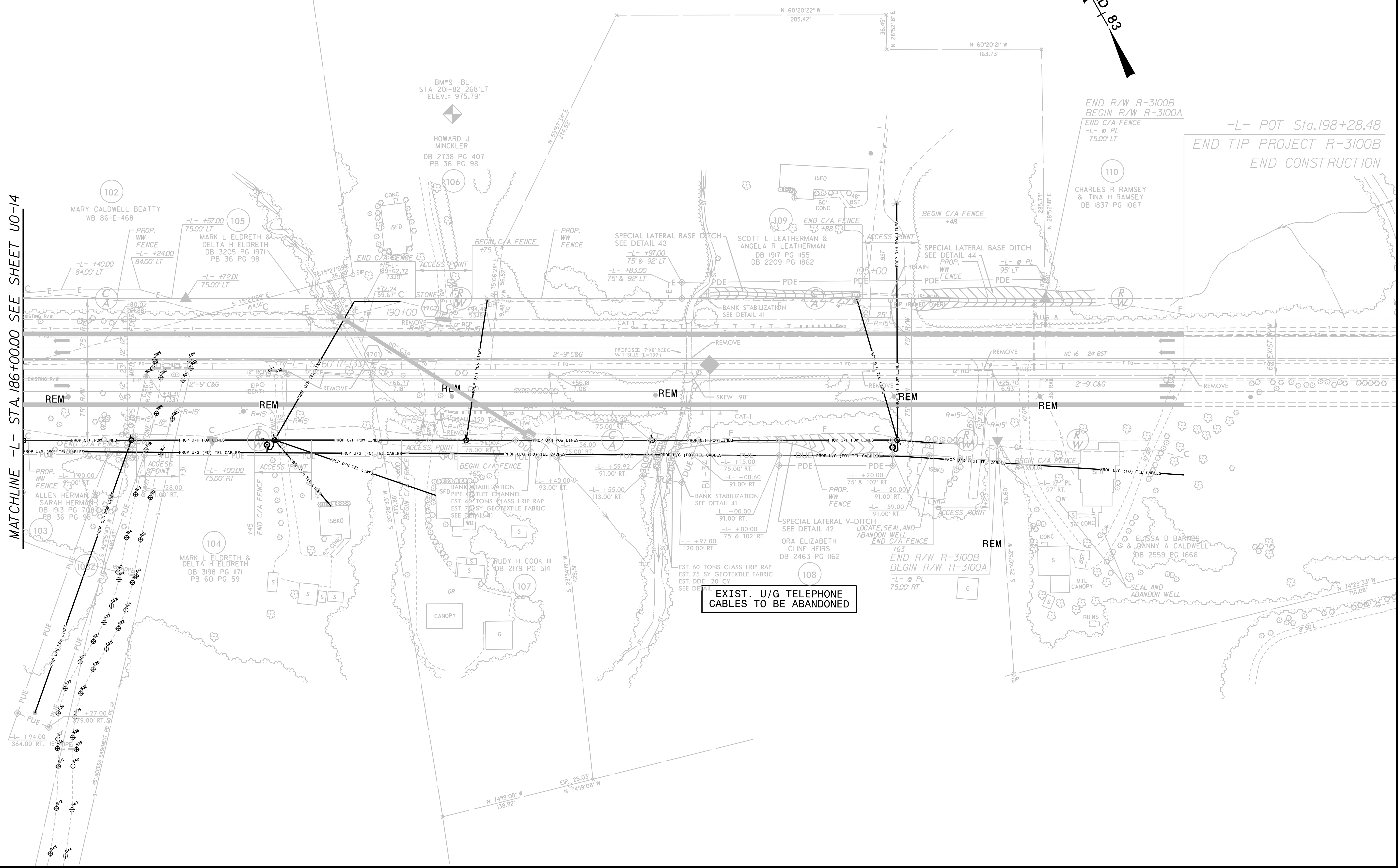
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MATCHLINE -L- STA. 186+00.00 SEE SHEET U0-14

REVISIONS



8/17/99

CONSTRUCTION