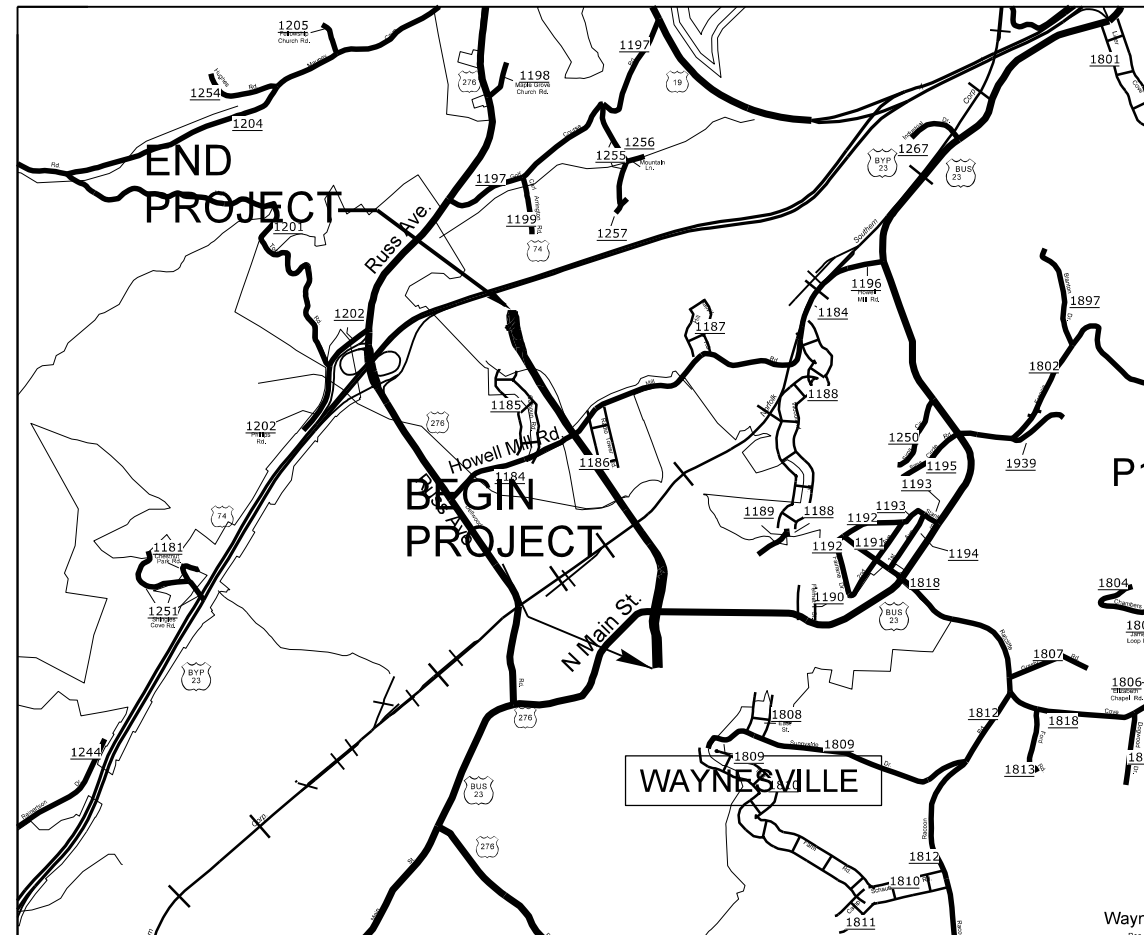
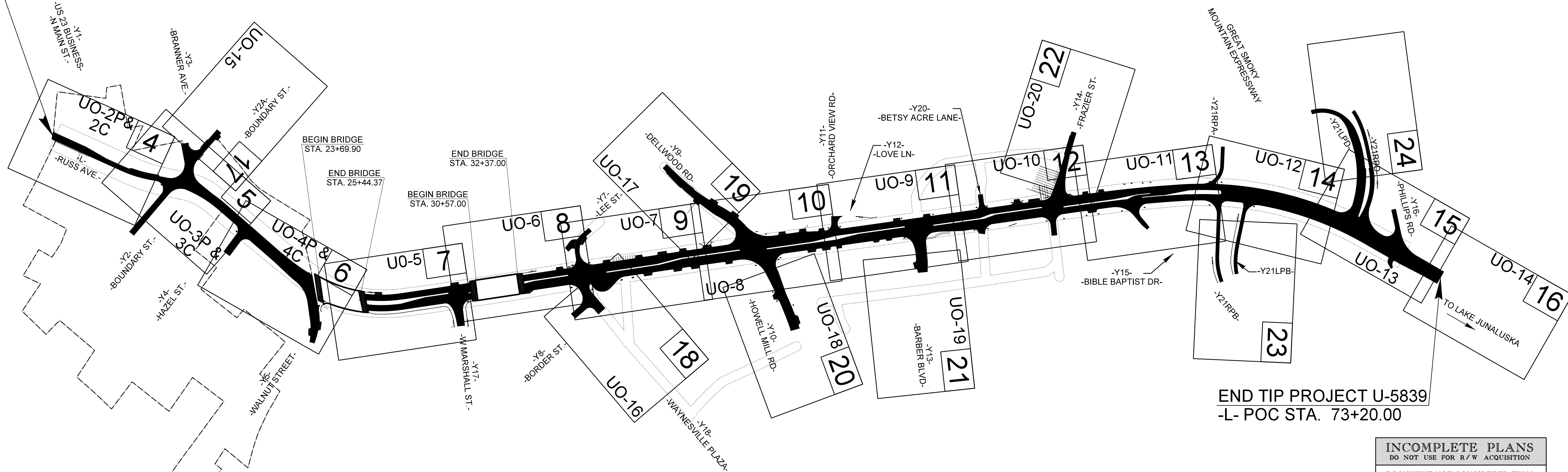


TIP PROJECT: U-5839



VICINITY MAP

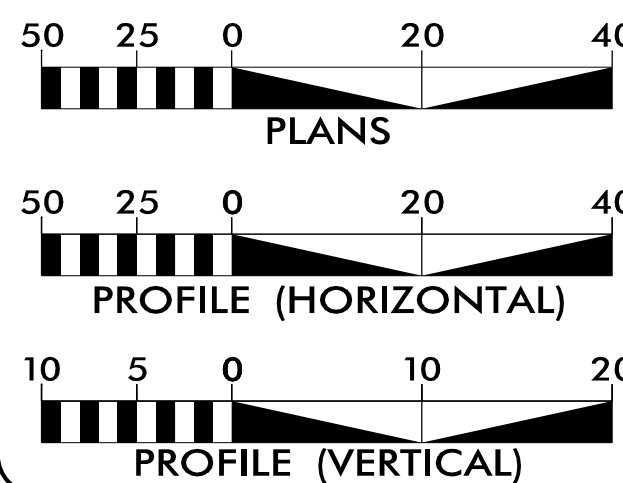
BEGIN TIP PROJECT U-5839
-L- POT STA. 10+19.45



END TIP PROJECT U-5839
-L- POC STA. 73+20.00

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-20	UBO PLAN SHEETS

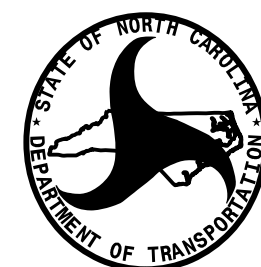
UTILITY OWNERS WITH CONFLICTS

- (A) POWER - DUKE ENERGY
- (B) POWER - TOWN OF WAYNESVILLE (ToW)
- (C) GAS - DOMINION ENERGY (DE)
- (D) COMMUNICATIONS - AT&T
- (E) COMMUNICATIONS - SPECTRUM
- (F) COMMUNICATIONS - NCDOT SIGNALS
- (G) COMMUNICATIONS - HAYWOOD COUNTY

PREPARED IN THE OFFICE OF:



Clint L. Stevens, P.E. UTILITY COORDINATION PROJECT MANAGER
Todd E. Butner PROJECT UTILITY COORDINATOR
Corey D. Bousquet, P.E. PROJECT UTILITY DESIGNER



DIVISION OF HIGHWAYS
UTILITIES UNIT
1555 MAIL SERVICES CENTER
RALEIGH, NC 27699-1555
PHONE (919) 707-4690
FAX (919) 250-4151

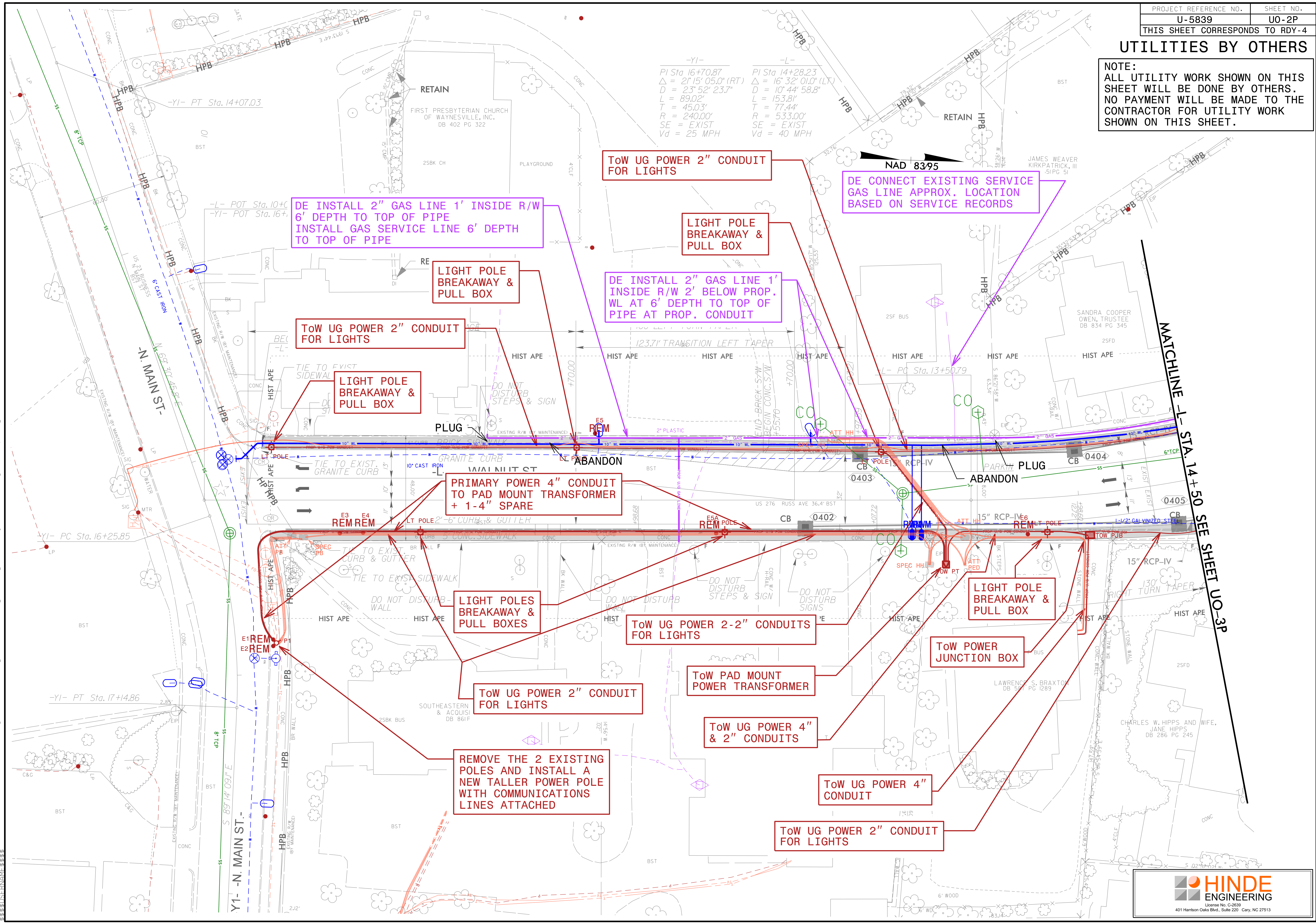
Wanda Austin, P.E. DIVISION ENGINEER
Mitchell Bishop, P.E. DIVISION CONSTRUCT. ENGINEER
Nathan Tanner, PE DISTRICT RESIDENT ENGINEER
Bob Golding DIVISION UTILITY ENGINEER

UTILITIES BY OTHERS

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.

8/17/99

21-FEB-2023 17:37
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8/17/99

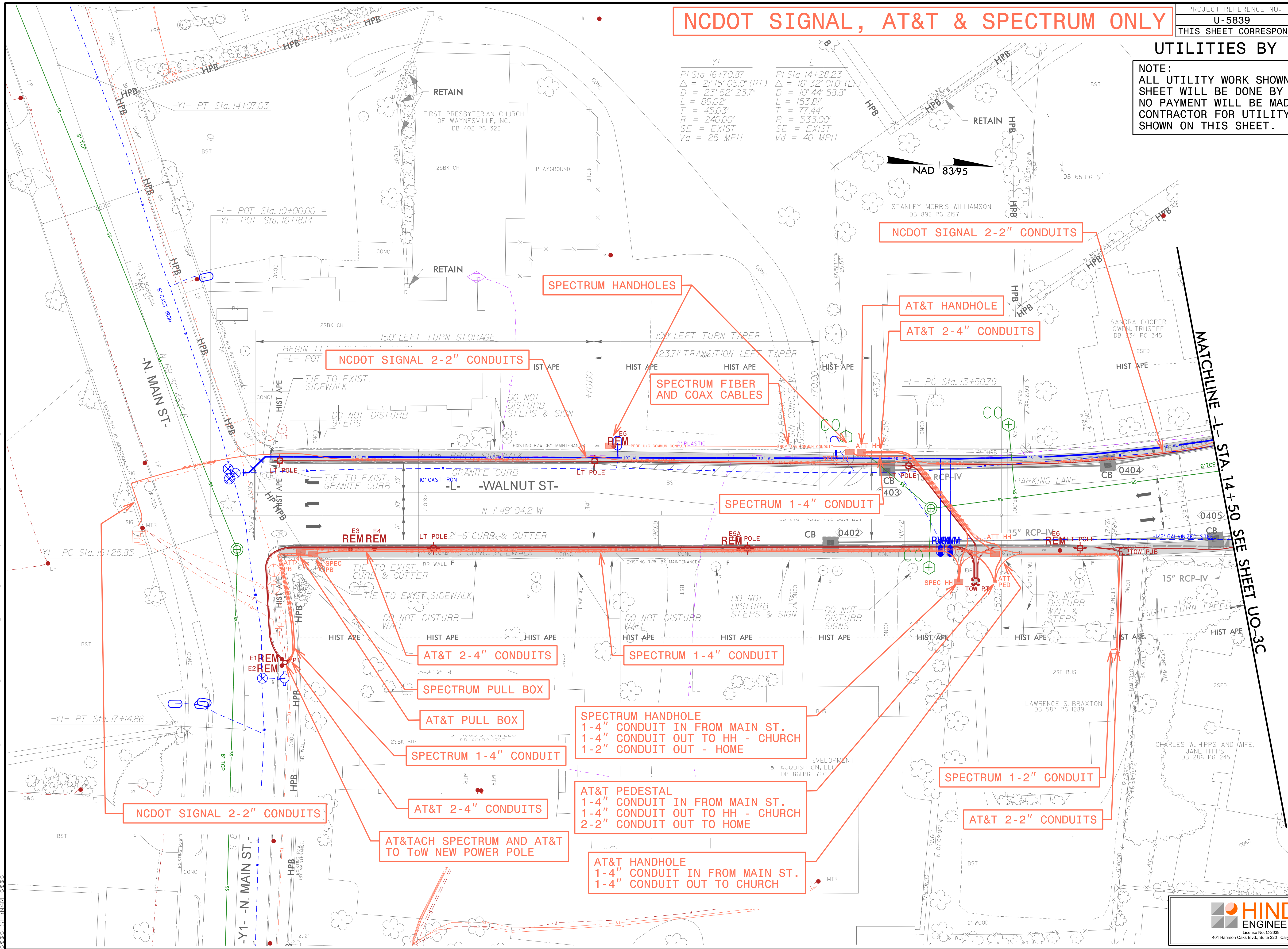
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NCDOT SIGNAL, AT&T & SPECTRUM ONLY

PROJECT REFERENCE NO.	SHEET NO.
U-5839	U0-2C
THIS SHEET CORRESPONDS TO RDY-4	

UTILITIES BY OTHERS

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.



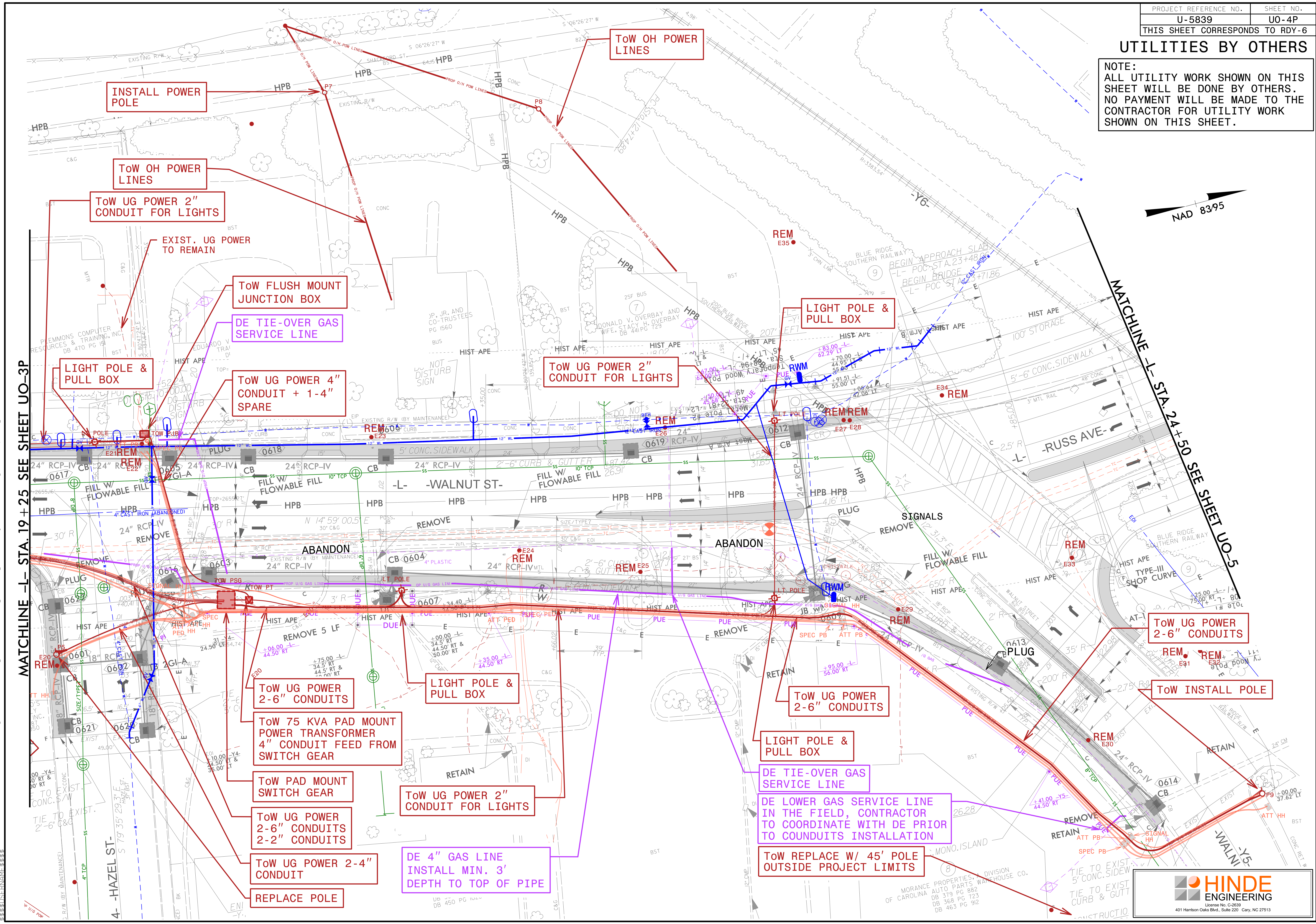
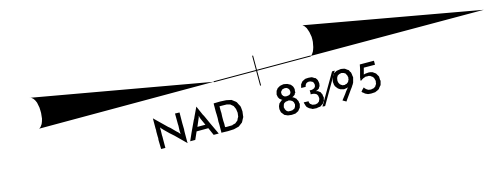
TO W OH POWER
LINES

SOUTHERN CONCRETE MATERIALS INC
DB 356 PG 1009
DB 337 PG 979



UTILITIES BY OTHERS

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.



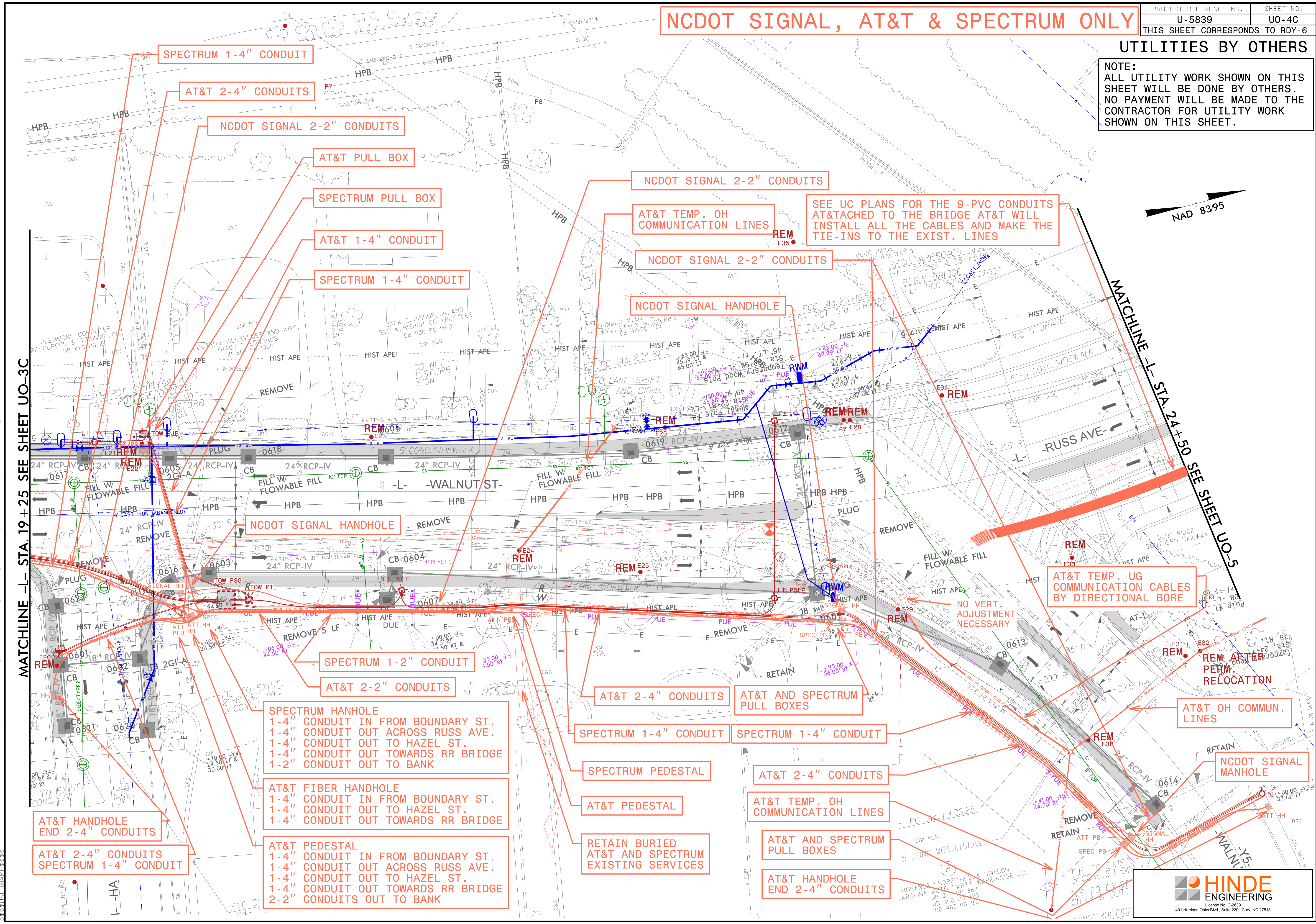
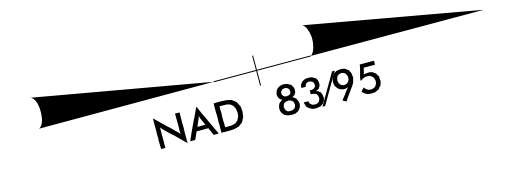
401 Harrison Oaks Blvd., Suite 220 Cary, NC 27513

NCDOT SIGNAL, AT&T & SPECTRUM ONLY

PROJECT REFERENCE NO.	SHEET NO.
U-5839	UO-4C
THIS SHEET CORRESPONDS TO RDY-6	

UTILITIES BY OTHERS

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.



MATCHLINE -L- STA. 19 + 25 SEE SHEET UO-3C

MATCHLINE -L- STA. 24 + 50 SEE SHEET UO-5

SPECTRUM 1-4" CONDUIT

AT&T 2-4" CONDUITS

NCDOT SIGNAL 2-2" CONDUITS

AT&T PULL BOX

SPECTRUM PULL BOX

AT&T 1-4" CONDUIT

SPECTRUM 1-4" CONDUIT

NCDOT SIGNAL 2-2" CONDUITS

AT&T TEMP. OH COMMUNICATION LINES

NCDOT SIGNAL 2-2" CONDUITS

NCDOT SIGNAL HANDHOLE

SEE UC PLANS FOR THE 9-PVC CONDUITS AT&T ATTACHED TO THE BRIDGE AT&T WILL INSTALL ALL THE CABLES AND MAKE THE TIE-INS TO THE EXIST. LINES

NCDOT SIGNAL HANDHOLE

SPECTRUM 1-2" CONDUIT

AT&T 2-2" CONDUITS

SPECTRUM HANHOLE
1-4" CONDUIT IN FROM BOUNDARY ST.
1-4" CONDUIT OUT ACROSS RUSS AVE.
1-4" CONDUIT OUT TO HAZEL ST.
1-4" CONDUIT OUT TOWARDS RR BRIDGE
1-2" CONDUIT OUT TO BANK

AT&T FIBER HANDHOLE
1-4" CONDUIT IN FROM BOUNDARY ST.
1-4" CONDUIT OUT TO HAZEL ST.
1-4" CONDUIT OUT TOWARDS RR BRIDGE

AT&T PEDESTAL
1-4" CONDUIT IN FROM BOUNDARY ST.
1-4" CONDUIT OUT ACROSS RUSS AVE.
1-4" CONDUIT OUT TO HAZEL ST.
1-4" CONDUIT OUT TOWARDS RR BRIDGE
2-2" CONDUITS OUT TO BANK

AT&T HANDHOLE
END 2-4" CONDUITS

AT&T 2-4" CONDUITS
SPECTRUM 1-4" CONDUIT

AT&T 2-4" CONDUITS

SPECTRUM 1-4" CONDUIT

SPECTRUM PEDESTAL

AT&T PEDESTAL

RETAIN BURIED
AT&T AND SPECTRUM
EXISTING SERVICES

AT&T AND SPECTRUM
PULL BOXES

SPECTRUM 1-4" CONDUIT

AT&T 2-4" CONDUITS

AT&T TEMP. OH COMMUNICATION LINES

AT&T AND SPECTRUM
PULL BOXES

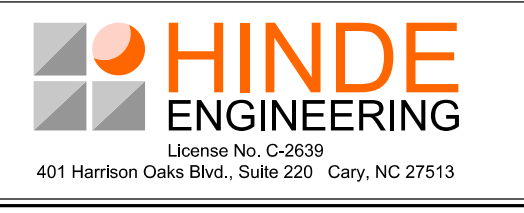
AT&T HANDHOLE
END 2-4" CONDUITS

AT&T TEMP. UG COMMUNICATION CABLES BY DIRECTIONAL BORE

NO VERT. ADJUSTMENT NECESSARY

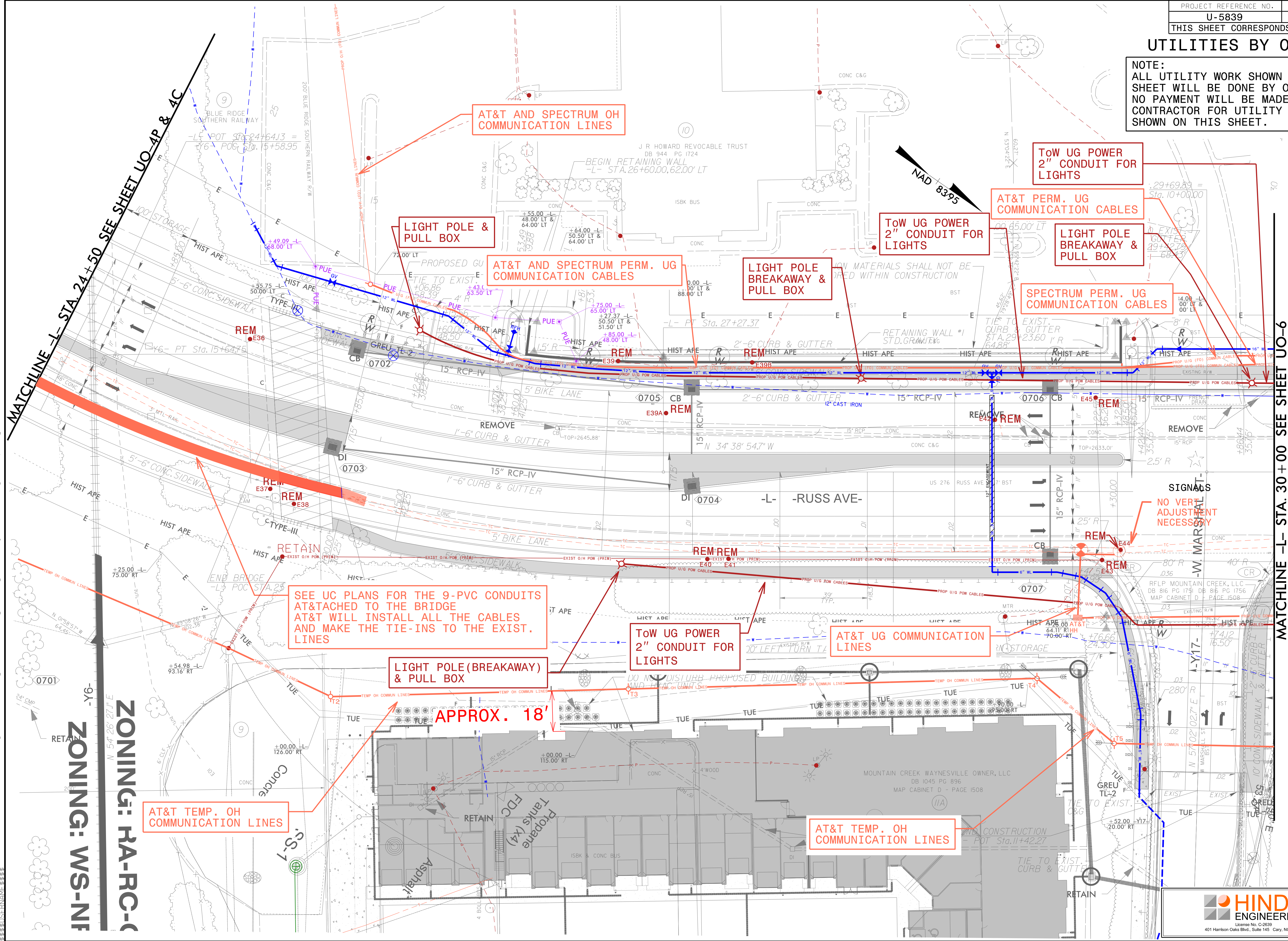
AT&T OH COMMUN. LINES

NCDOT SIGNAL MANHOLE



UTILITIES BY OTHERS

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.



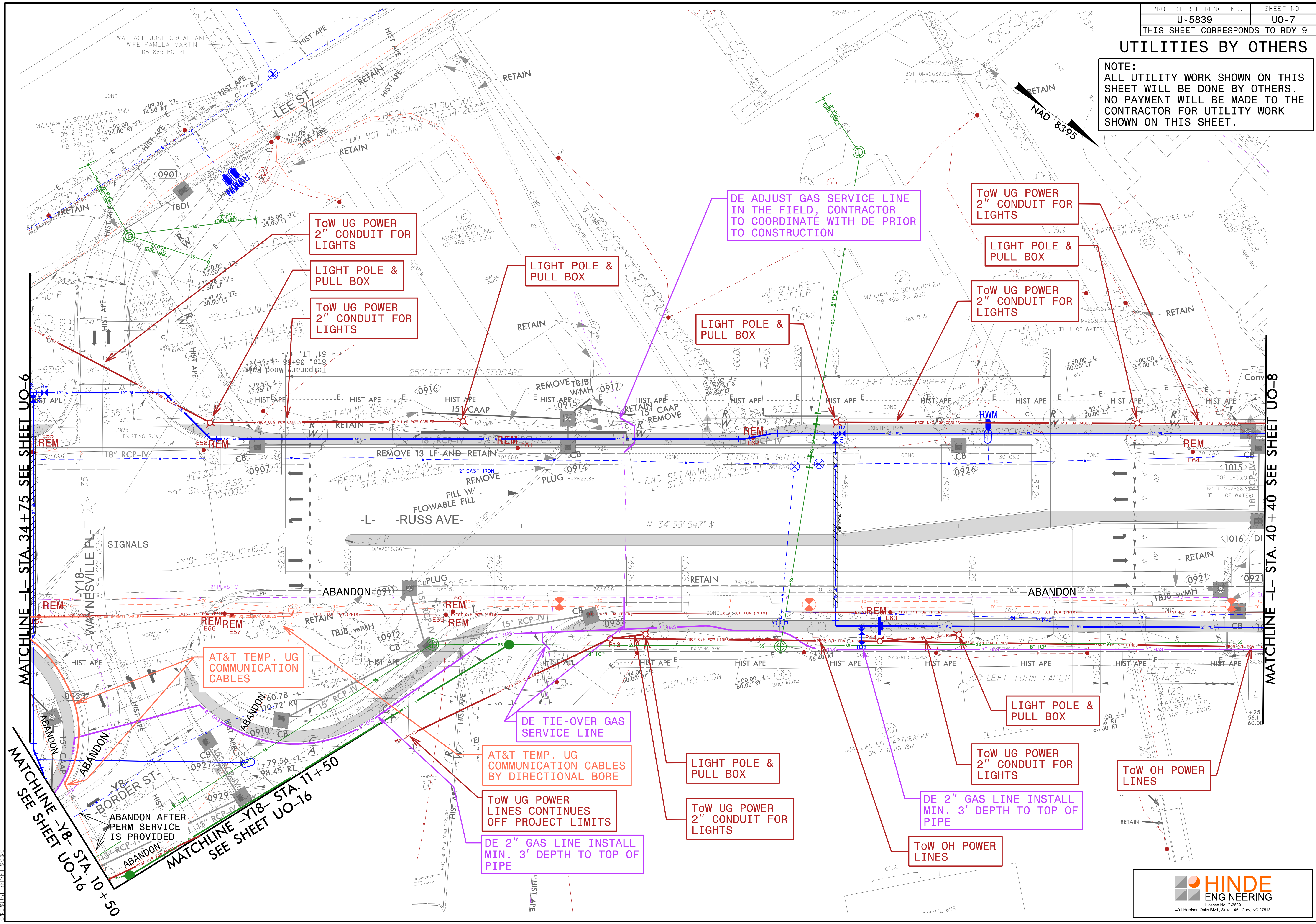
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REVISIONS

ZONING: RA-RC-C
ZONING: WS-NF

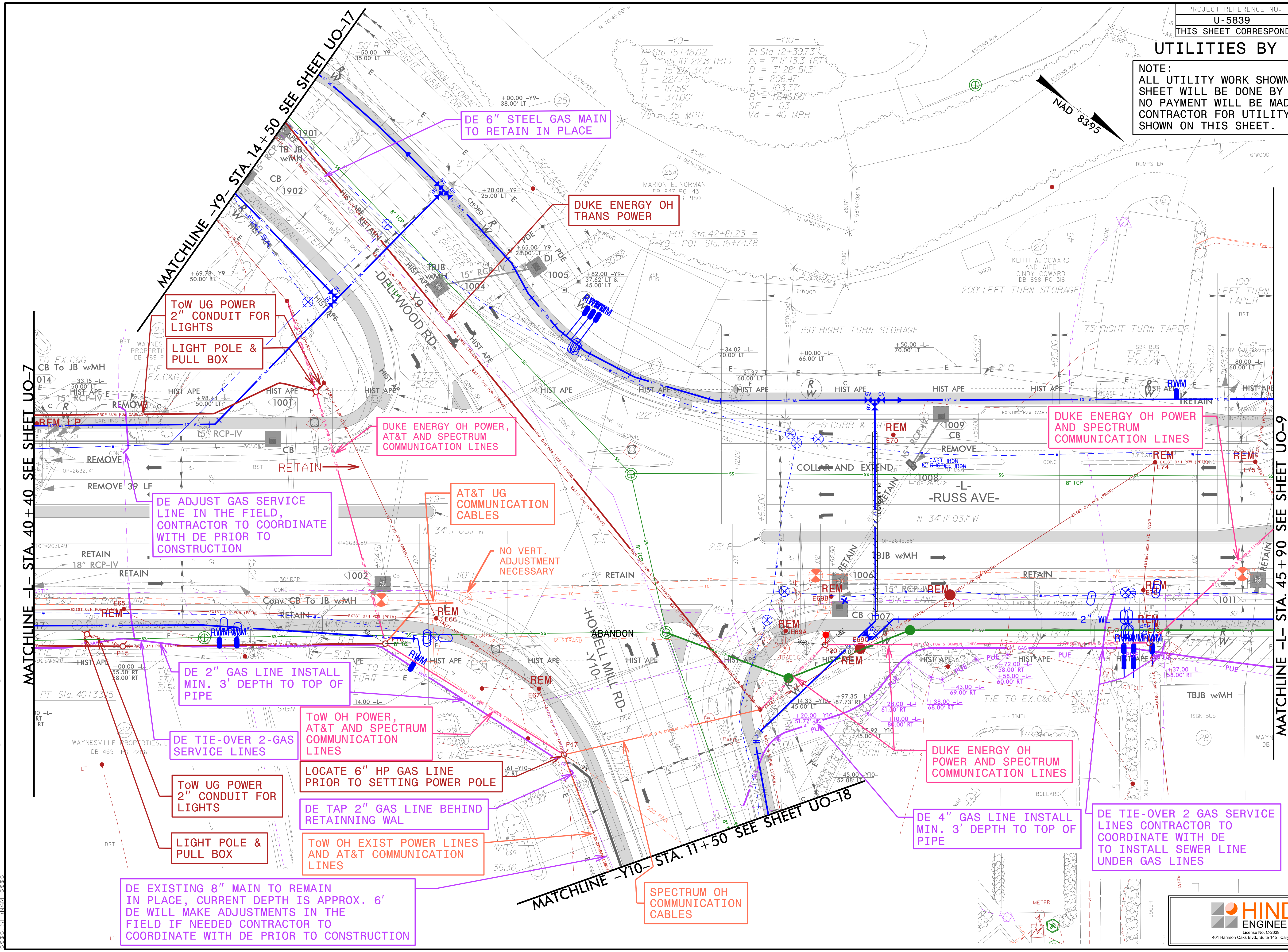
UTILITIES BY OTHERS

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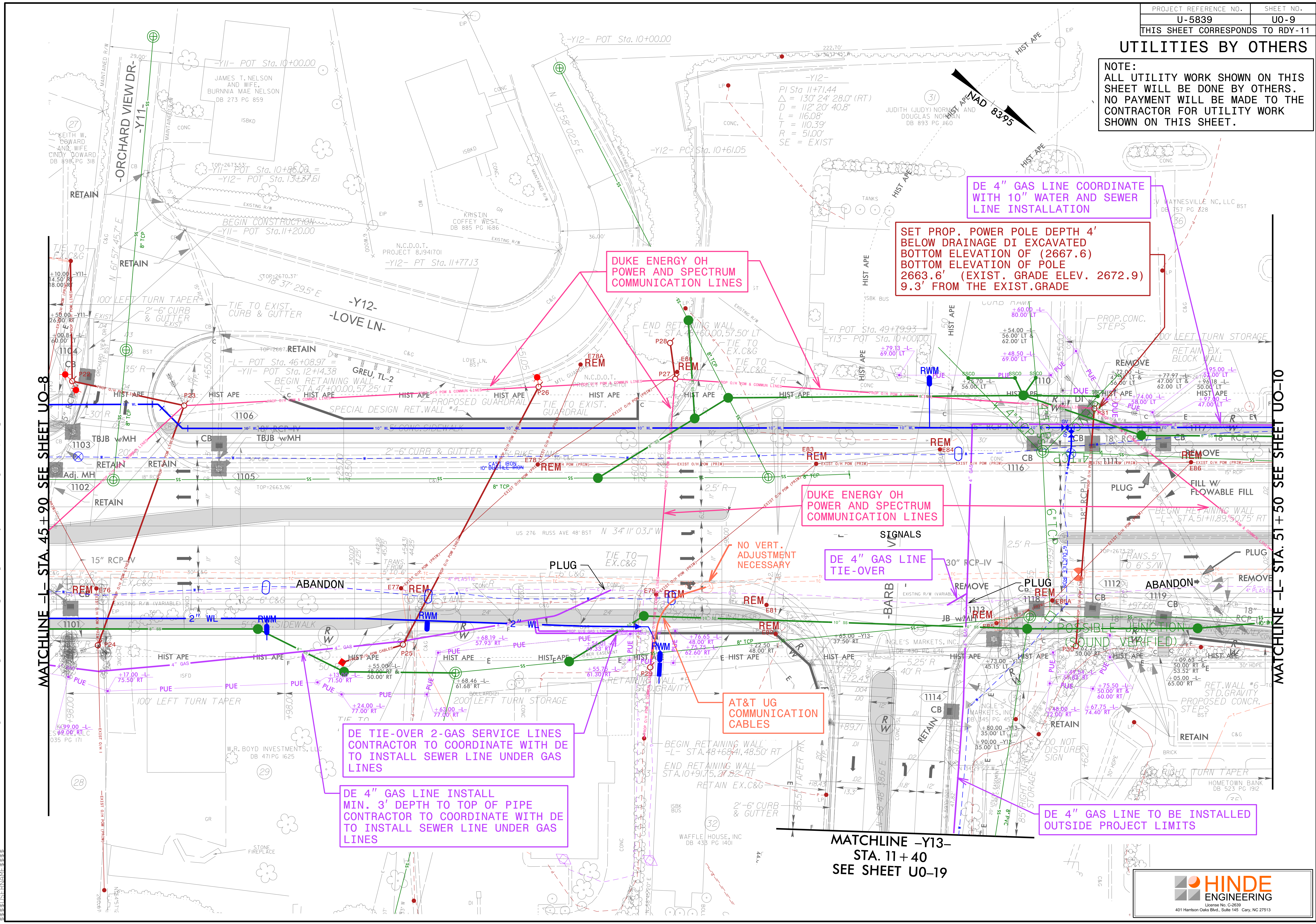
UTILITIES BY OTHERS

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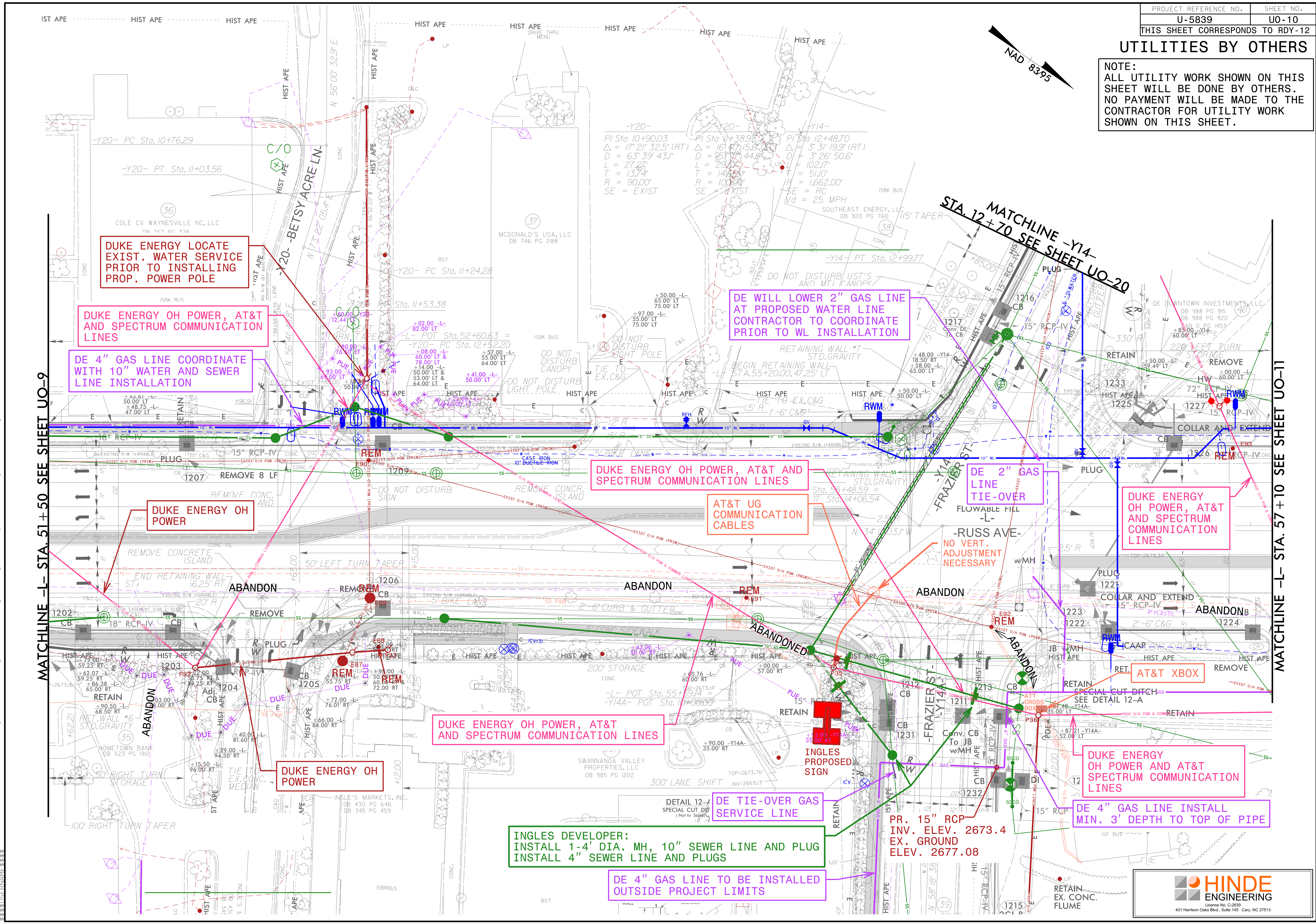
UTILITIES BY OTHERS

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UTILITIES BY OTHERS

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MATCHLINE -L- STA. 51+50 SEE SHEET UO-9

MATCHLINE -L- STA. 57+10 SEE SHEET UO-11

INGLES DEVELOPER:
INSTALL 1-4' DIA. MH, 10" SEWER LINE AND PLUG
INSTALL 4" SEWER LINE AND PLUGS

DE 4" GAS LINE TO BE INSTALLED
OUTSIDE PROJECT LIMITS

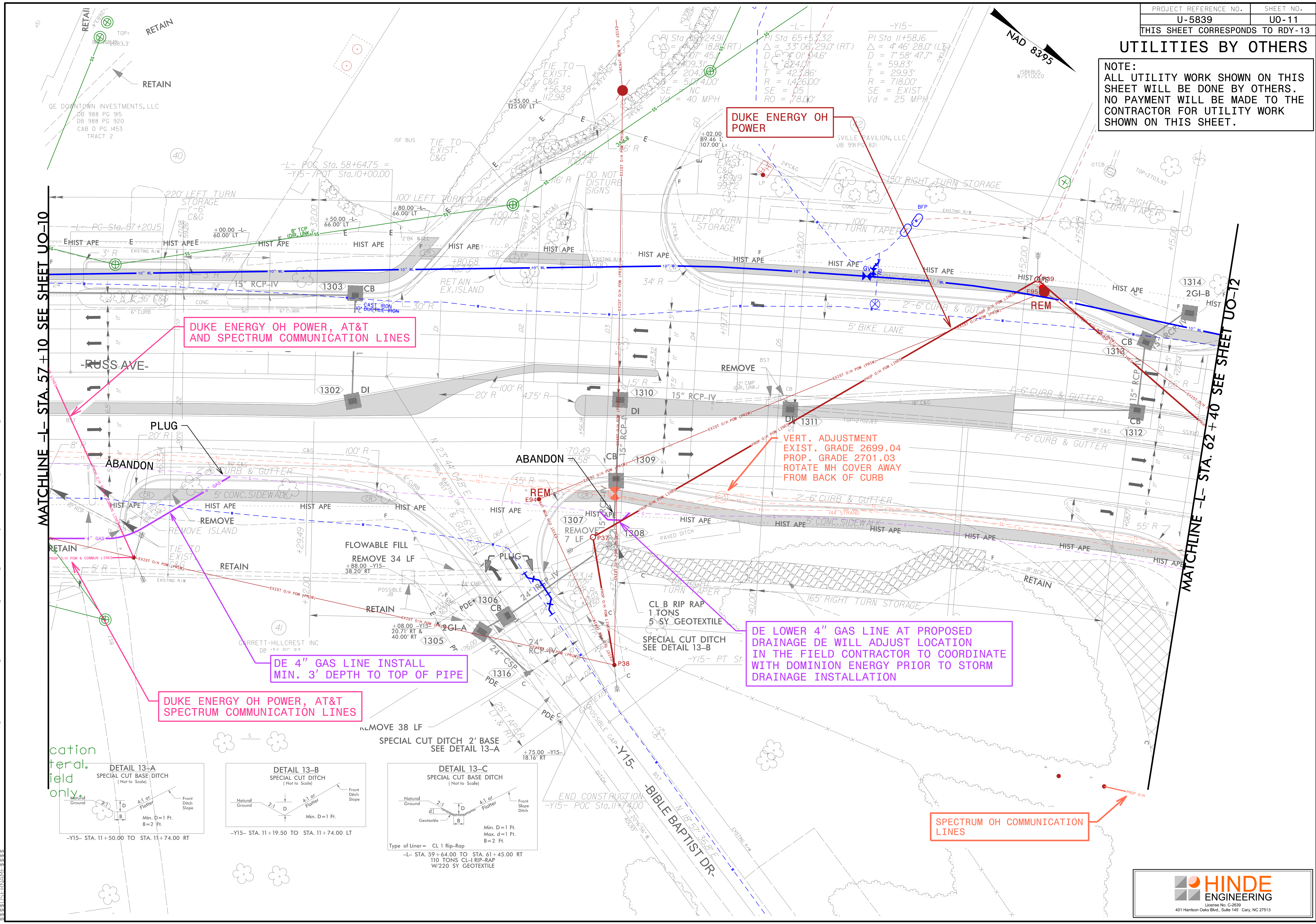
DE TIE-OVER GAS
SERVICE LINE

DUKE ENERGY
OH POWER AND AT&T
SPECTRUM COMMUNICATION
LINES

DE 4" GAS LINE INSTALL
MIN. 3' DEPTH TO TOP OF PIPE

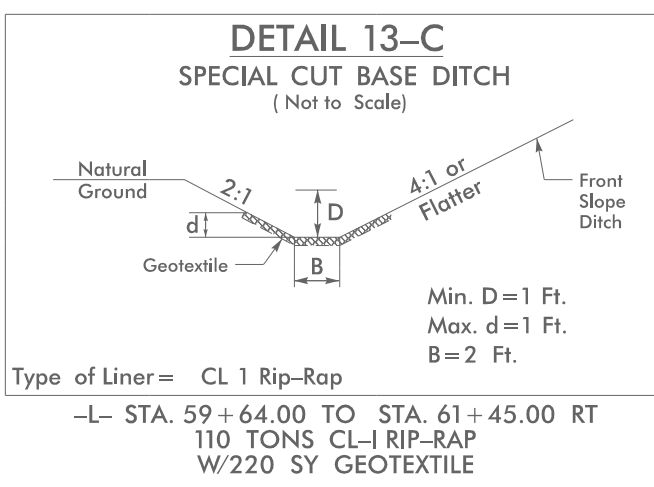
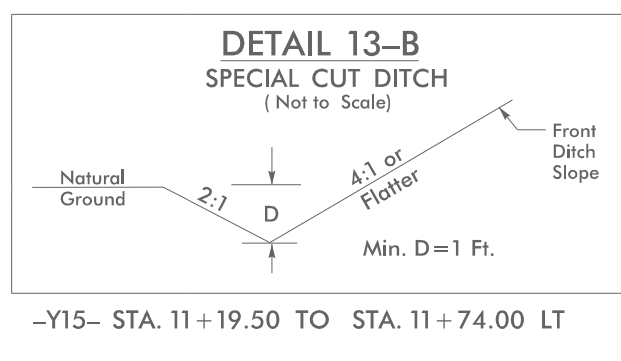
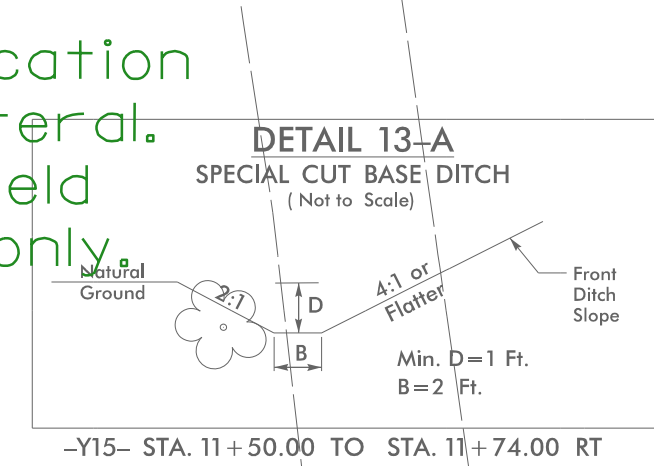
UTILITIES BY OTHERS

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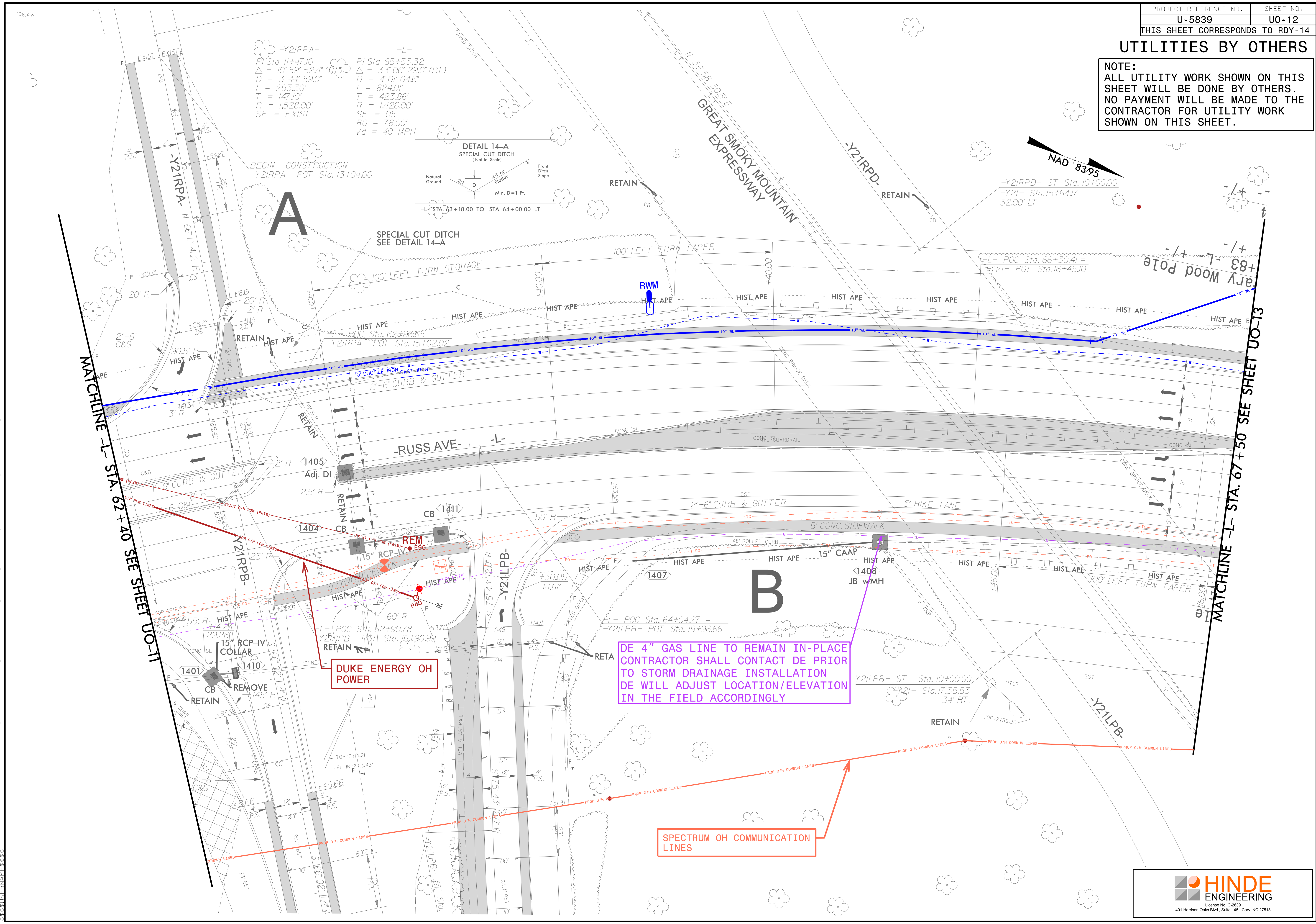
MATCHLINE -L- STA. 57+10 SEE SHEET UO-10

MATCHLINE -L- STA. 62+40 SEE SHEET UO-12



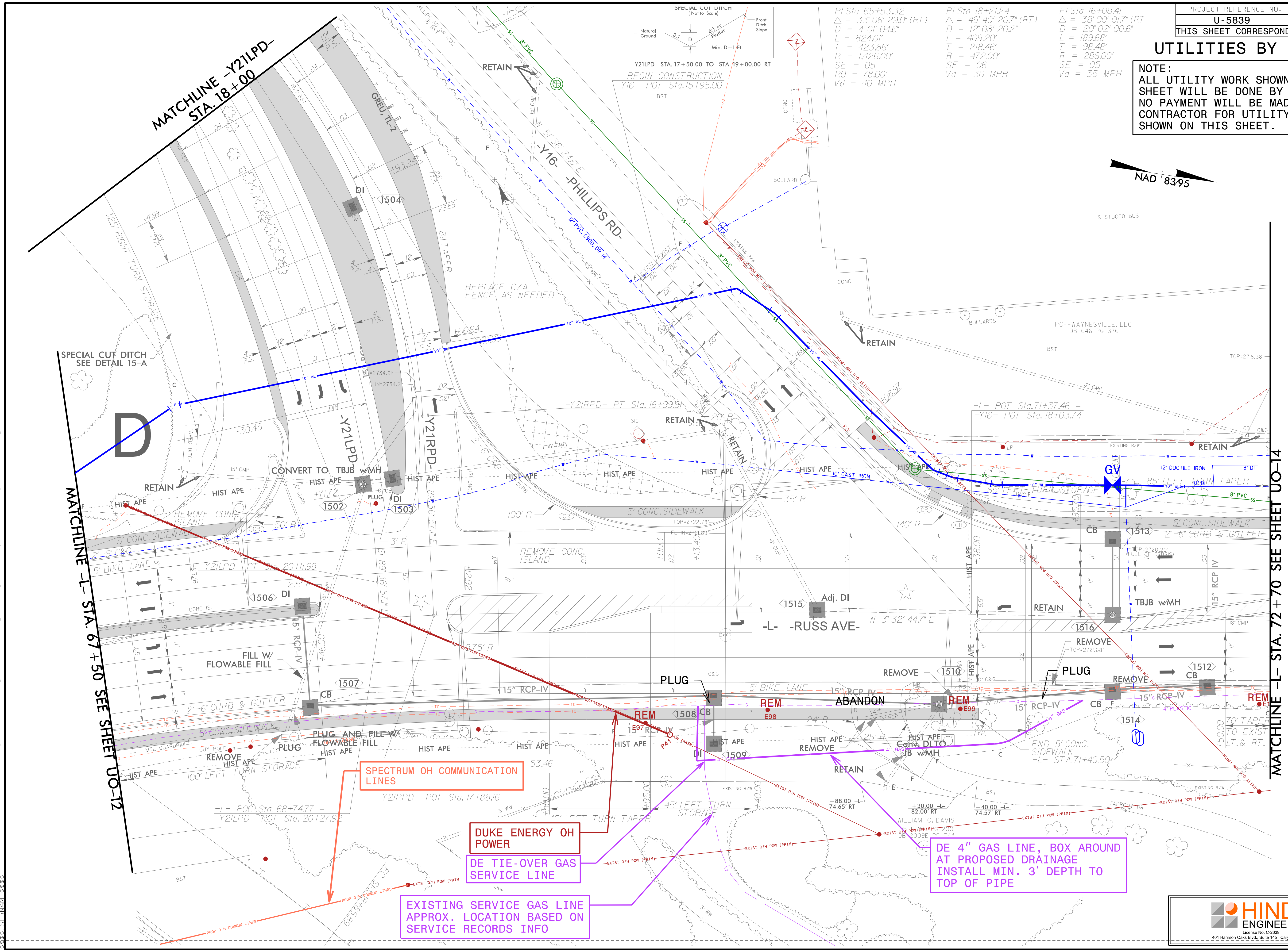
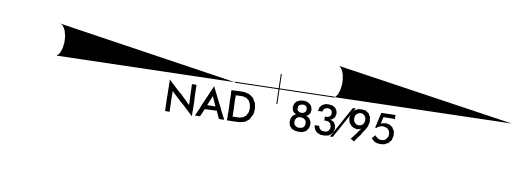
UTILITIES BY OTHERS

NOTE:
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UTILITIES BY OTHERS

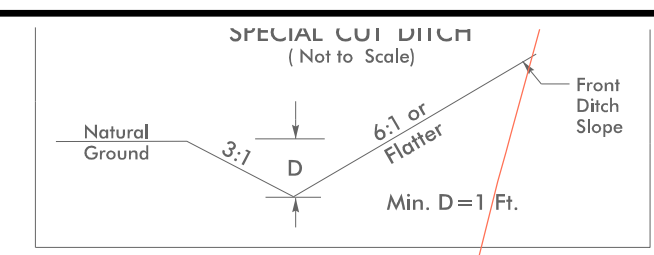
NOTE:
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MATCHLINE -Y21LPD-
STA. 18+00

MATCHLINE -L- STA. 67+50 SEE SHEET UO-12

MATCHLINE -L- STA. 72+70 SEE SHEET UO-14



PI Sta 65+53.32
 $\Delta = 33^{\circ}06'29.0''$ (RT)
D = 4' 0" 04.6"
L = 824.0'
T = 423.86'
R = 1,426.00'
SE = 05
RO = 78.00'
Vd = 40 MPH

PI Sta 18+21.24
 $\Delta = 49^{\circ}40'20.7''$ (RT)
D = 12' 08" 20.2"
L = 409.20'
T = 218.46'
R = 472.00'
SE = 06
Vd = 30 MPH

PI Sta 16+08.41
 $\Delta = 38^{\circ}00'01.7''$ (RT)
D = 20' 02" 00.6"
L = 189.68'
T = 98.48'
R = 286.00'
SE = 05
Vd = 35 MPH

SPECTRUM OH COMMUNICATION LINES

DUKE ENERGY OH POWER

DE TIE-OVER GAS SERVICE LINE

EXISTING SERVICE GAS LINE APPROX. LOCATION BASED ON SERVICE RECORDS INFO

DE 4" GAS LINE, BOX AROUND AT PROPOSED DRAINAGE INSTALL MIN. 3' DEPTH TO TOP OF PIPE

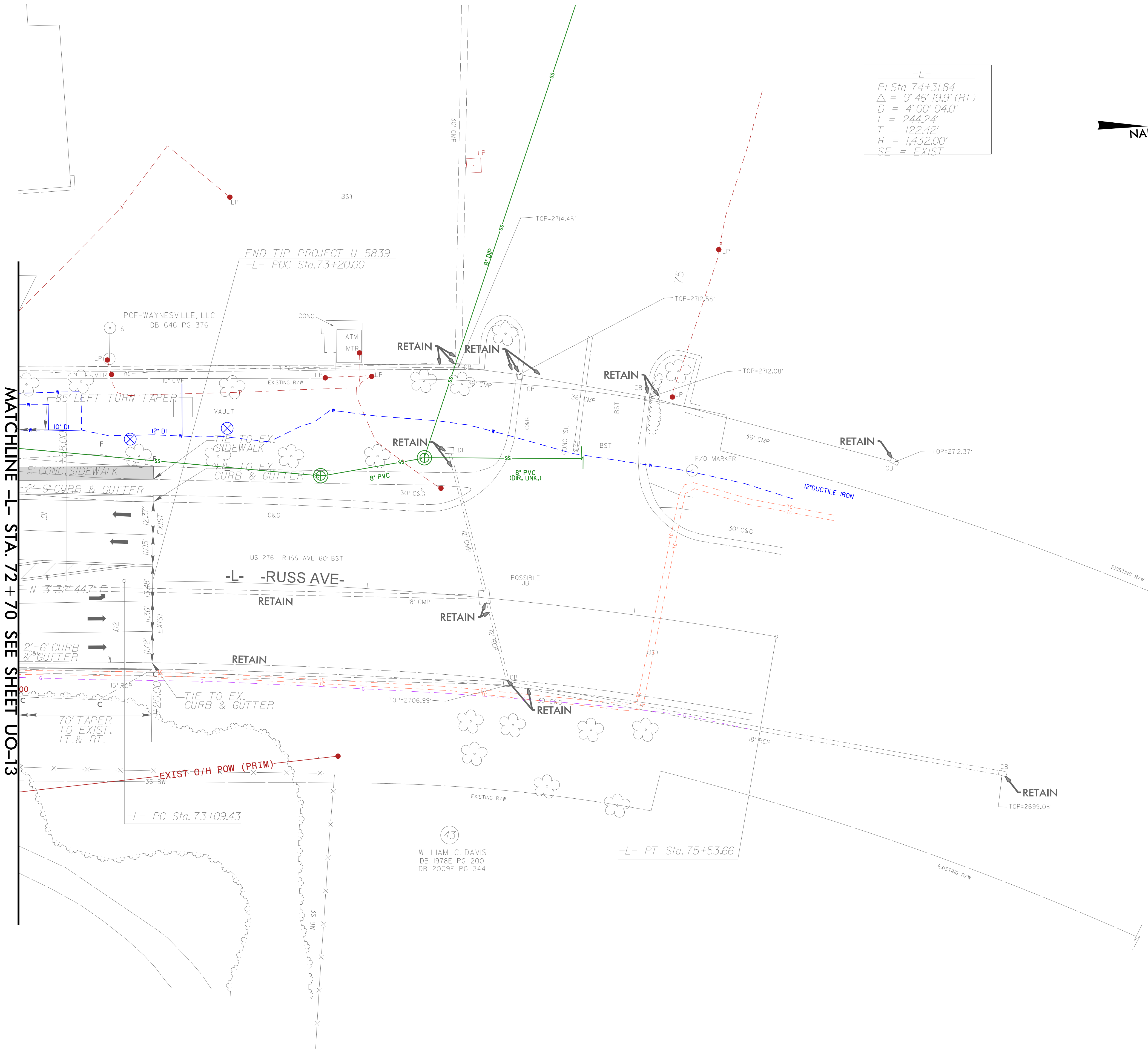
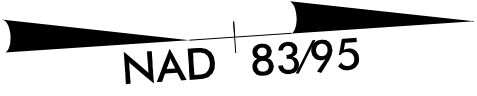
REVISIONS

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UTILITIES BY OTHERS

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.

-L-
PI Sta 74+31.84
 $\Delta = 9^{\circ} 46' 19.9" (RT)$
 $D = 4^{\circ} 00' 04.0"$
 $L = 244.24'$
 $T = 122.42'$
 $R = 1,432.00'$
SE = EXIST



MATCHLINE -L- STA. 72 + 70 SEE SHEET UO-13

8/17/99

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\$\$\$\$\$SUSTAINMENT\$\$\$\$\$

UTILITIES BY OTHERS

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

MATCHLINE -Y2A- STA. 14+50
SEE SHEET U0-3P & 3C

MATCHLINE -Y3- STA. 15+00
SEE SHEET U0-3P & 3C

HAYWOOD COUNTY FIBER OPTIC CABLES (INSTALLED)



License No. C-2839
401 Harrison Oaks Blvd., Suite 143 Cary, NC 27513

NAD 8395

SOUTHERN CONCRETE MATERIALS INC
DB 356 PG 1009
DB 337 PG 979

END CONSTRUCTION
STA. 13+75

BEGIN CONSTRUCTION
-Y2A- POT Sta. 14+00.00

TO OH POWER LINES

INSTALL TOH POLE 45'
GUY ANCHOR & OH
PRIMARY POWER

REMOVE OH PRIMARY

8/17/99

24-FEB-2023 7:53P
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UTILITIES BY OTHERS

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



TO W UG POWER
LINES CONTINUES
OFF PROJECT LIMITS
2-6" CONDUITS

TO W DIP POLES

TO W OH POWER
LINES CONTINUES
OFF PROJECT LIMITS

MATCHLINE -Y8- STA. 10+50
SEE SHEET U0-7

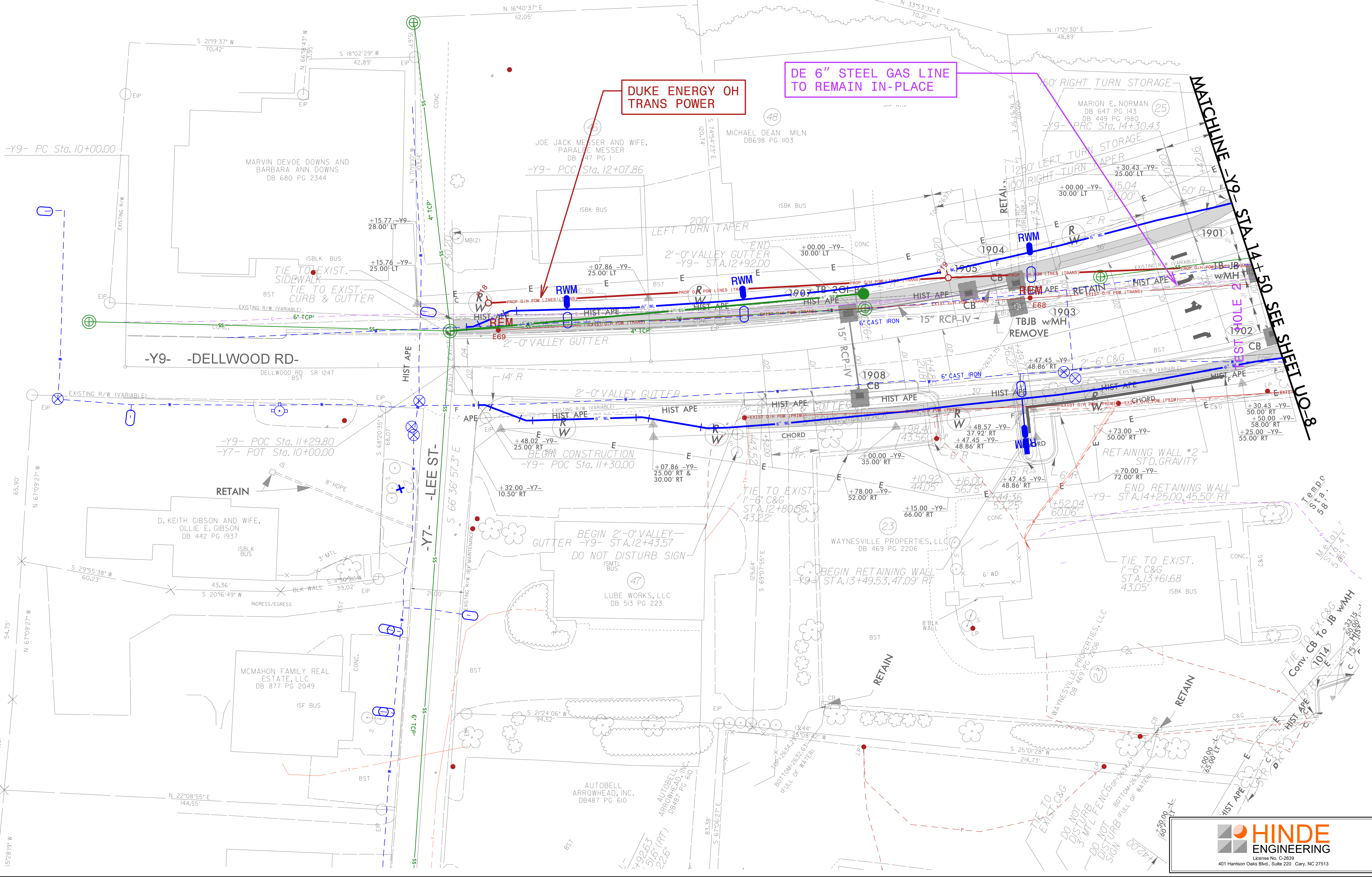
MATCHLINE -Y18- STA. 11+50 SEE SHEET U0-7

UTILITIES BY OTHERS

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

NAD 8395

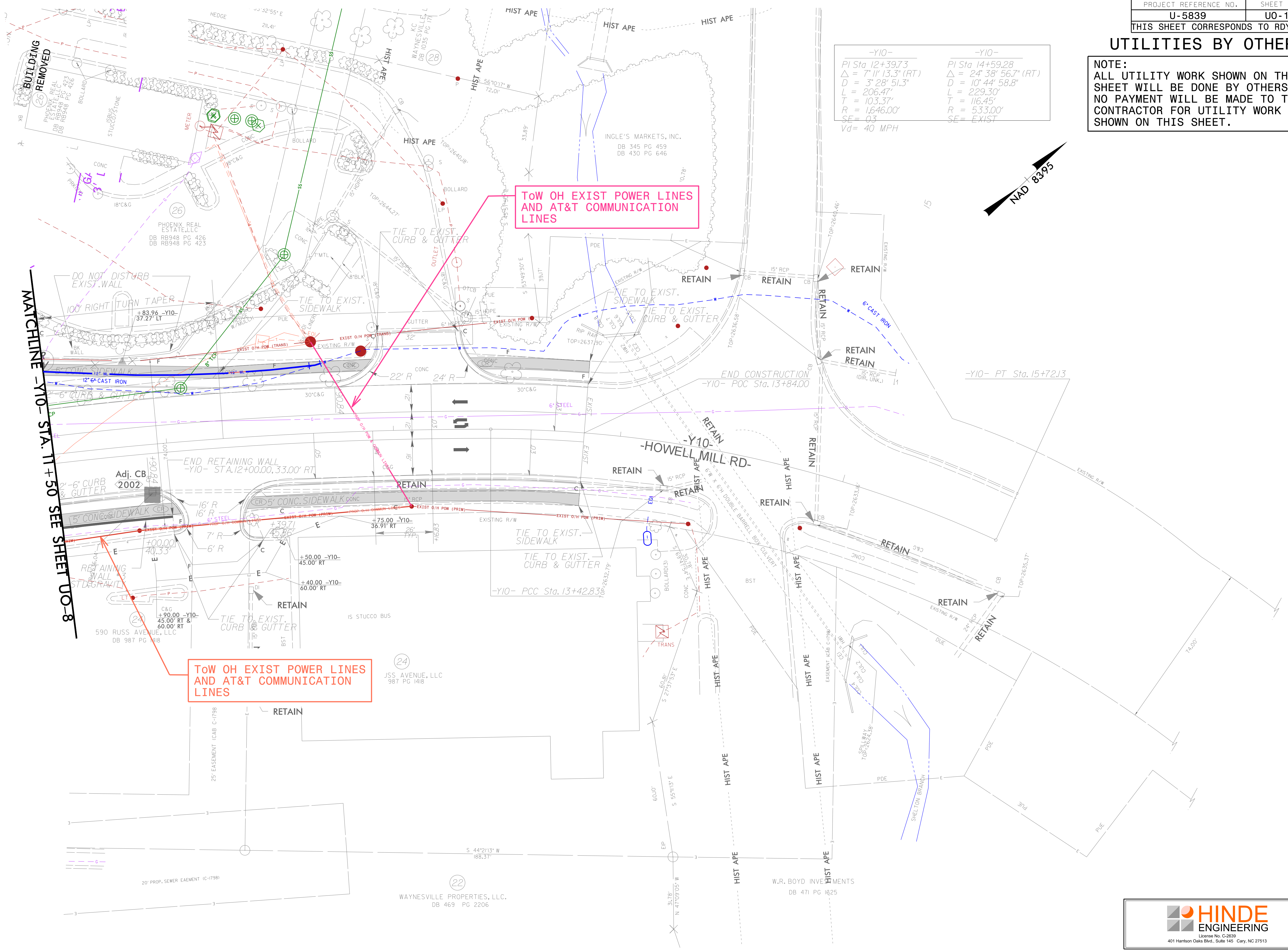
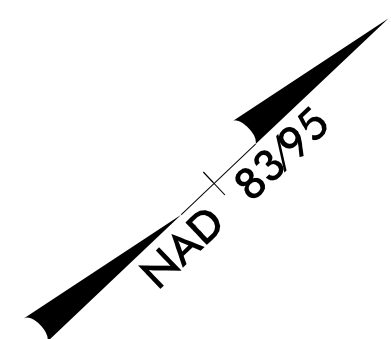
-Y9-	-Y9-	-Y9-
PI Sta 11+03.95	PI Sta 13+19.87	PI Sta 15+48.02
$\Delta = 3^{\circ} 04' 15.7''$ (LT)	$\Delta = 15^{\circ} 56' 26.3''$ (LT)	$\Delta = 35^{\circ} 10' 22.8''$ (RT)
D = 1' 28' 38.8"	D = 7' 09' 43.1"	D = 15' 26' 37.0"
L = 207.86'	L = 222.57'	L = 227.75'
T = 103.95'	T = 112.01'	T = 117.59'
R = 3,878.00'	R = 800.00'	R = 371.00'
SE = EXIST	SE = 04	SE = 35 MPH
	Vd = 35 MPH	Vd = 35 MPH



UTILITIES BY OTHERS

NOTE:
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-Y10-	-Y10-
PI Sta 12+39.73	PI Sta 14+59.28
$\Delta = 7^{\circ} 11' 13.3''$ (RT)	$\Delta = 24^{\circ} 38' 56.7''$ (RT)
$D = 3^{\circ} 28' 51.3''$	$D = 10^{\circ} 44' 58.8''$
$L = 206.47'$	$L = 229.30'$
$T = 103.37'$	$T = 116.45'$
$R = 1,646.00'$	$R = 533.00'$
$SE = 0.3$	$SE = EXIST$
$Vd = 40$ MPH	

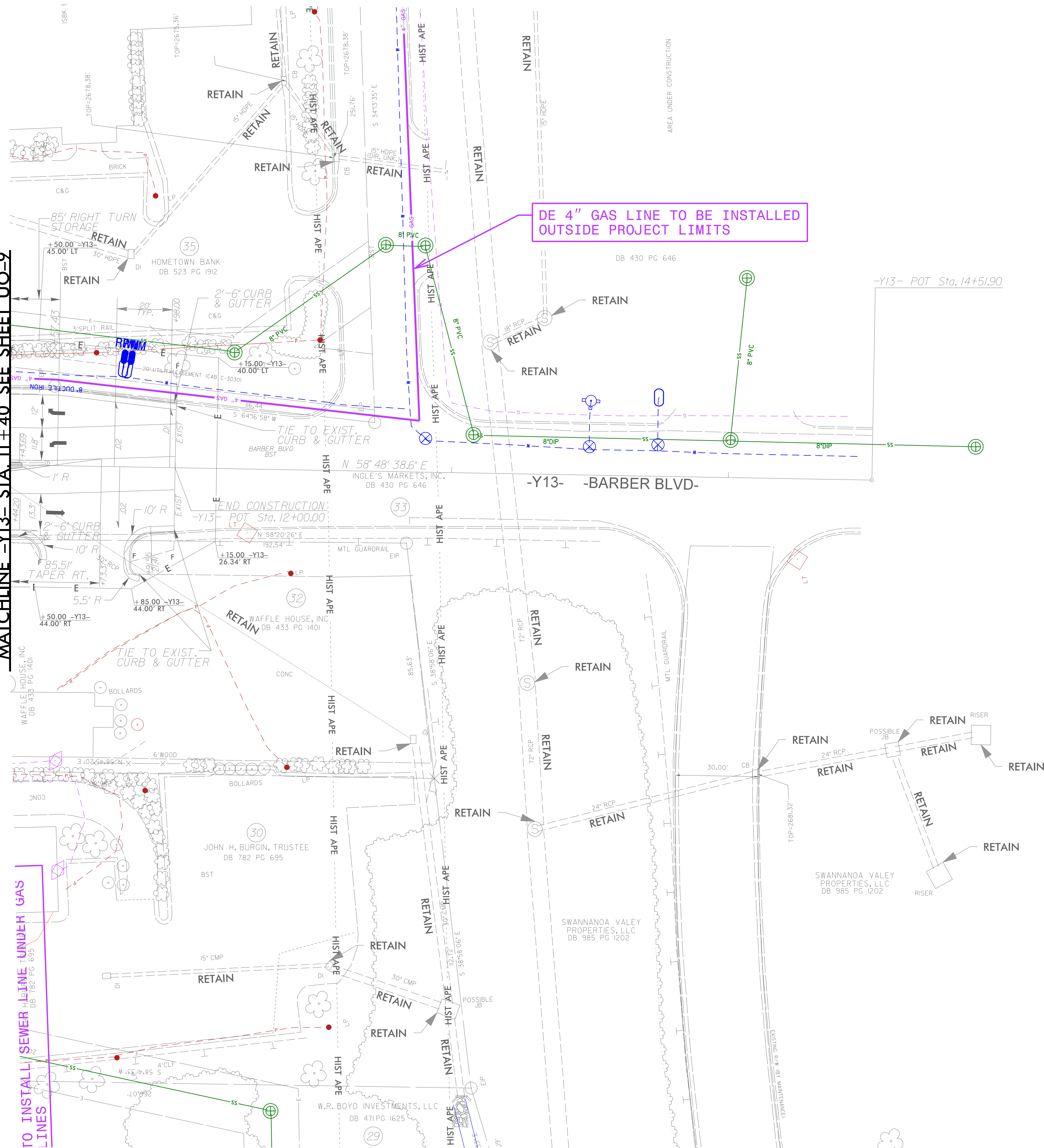


8/17/99

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\$\$\$\$\$

MATCHLINE -Y13- STA. 11+40 SEE SHEET UO-9

TO INSTALL SEWER LINE UNDER GAS LINES



DE 4" GAS LINE TO BE INSTALLED OUTSIDE PROJECT LIMITS

NAD 83/95

PROJECT REFERENCE NO.	SHEET NO.
U-5839	U0-19
THIS SHEET CORRESPONDS TO RDY-21	

UTILITIES BY OTHERS

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.

