TIP PROJECT: U-4758

T.I.P. NO.	SHEET NO.
U-4758	UO-1

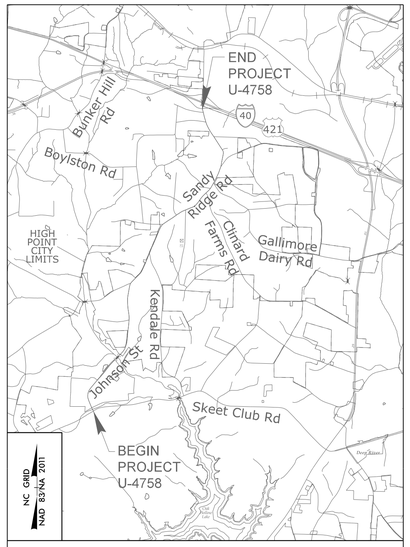
NOTE:
ALL UTILITY WORK SHOWN ON THIS SHEET IS DONE BY OTHERS.
NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

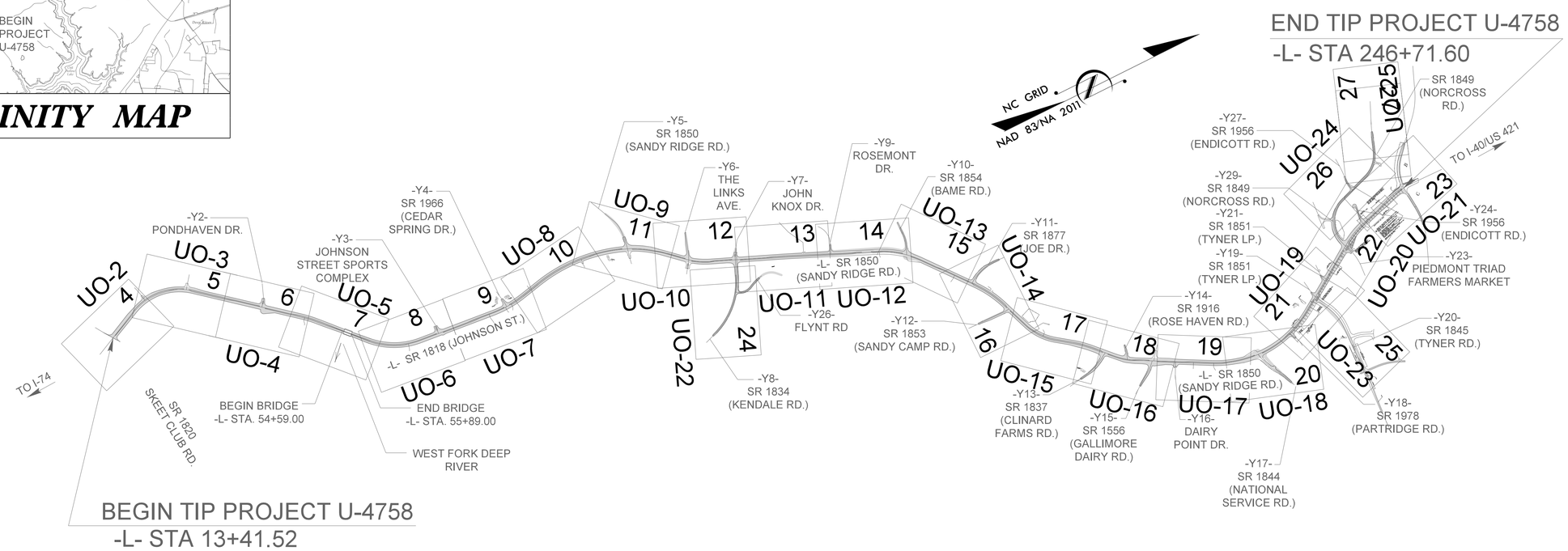
UTILITIES BY OTHERS PLANS
GUILFORD COUNTY

LOCATION: SR 1818 (JOHNSON STREET) /SR 1850 (SANDY RIDGE ROAD) FROM SR 1820 (SKEET CLUB ROAD) TO I-40

TYPE OF WORK: POWER DISTRIBUTION, GAS DISTRIBUTION & TELECOM



VICINITY MAP



THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF HIGH POINT.

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD ____ .

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-25	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

(A) POWER DISTRIBUTION – DUKE ENERGY
(B) POWER DISTRIBUTION – CITY OF HIGH POINT
(C) TELECOM – AT&T LONG DISTANCE
(D) TELECOM – AT&T
(E) TELECOM – SEGRA
(F) TELECOM – LUMEN
(G) TELECOM – LUMOS
(H) TELECOM – SPECTRUM
(I) GAS DISTRIBUTION – PNG

PREPARED IN THE OFFICE OF:

HINDE ENGINEERING
License No. C-2639
401 Harrison Oaks Blvd., Suite 220 Cary, NC 27513
(919)-653-0001

Clint L. Stevens, P.E.	UTILITY COORDINATION PROJECT MANAGER
Harris Winters	PROJECT UTILITY COORDINATOR
James N. Arnold	PROJECT UTILITY DESIGNER

DIVISION OF HIGHWAYS
DIVISION 7
1584 YANCEYVILLE STREET
GREENSBORO, NC 27415
PHONE (336) 487-0000
FAX (336) 334-3637

Wright R. Archer, P.E.	DIV. ENGINEER
Patty Eason, P.E.	DIV. CONSTRUCTION ENGINEER
Chris Smitherman, P.E.	PROJECT TEAM LEAD
Rob N. Weisz, P.E.	PROJECT ENGINEER

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$$$$USERNAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-2
THIS SHEET CORRESPONDS TO RDY-4	

UTILITIES BY OTHERS

NOTE:
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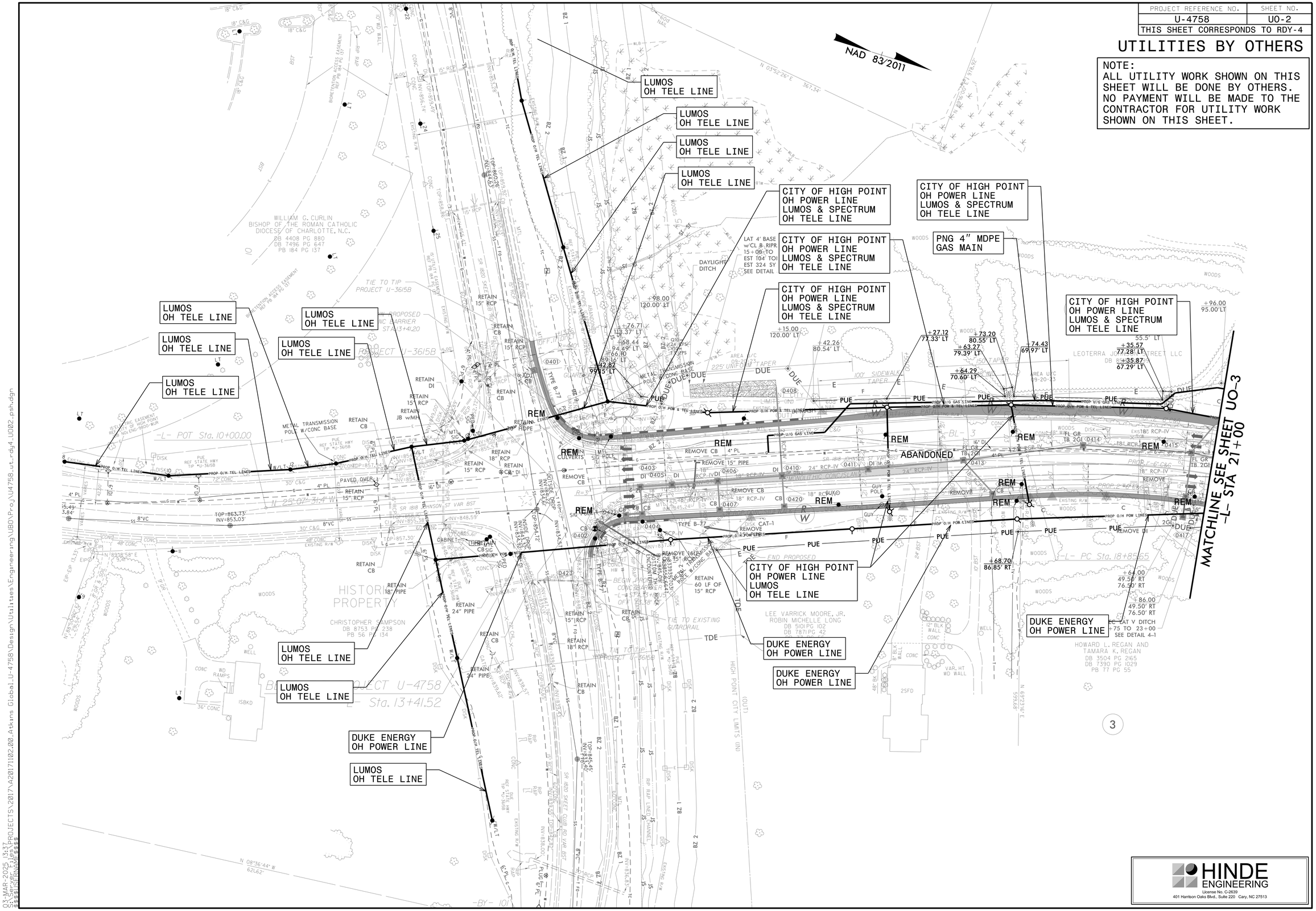

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-3
THIS SHEET CORRESPONDS TO RDY-5	

UTILITIES BY OTHERS

NOTE:
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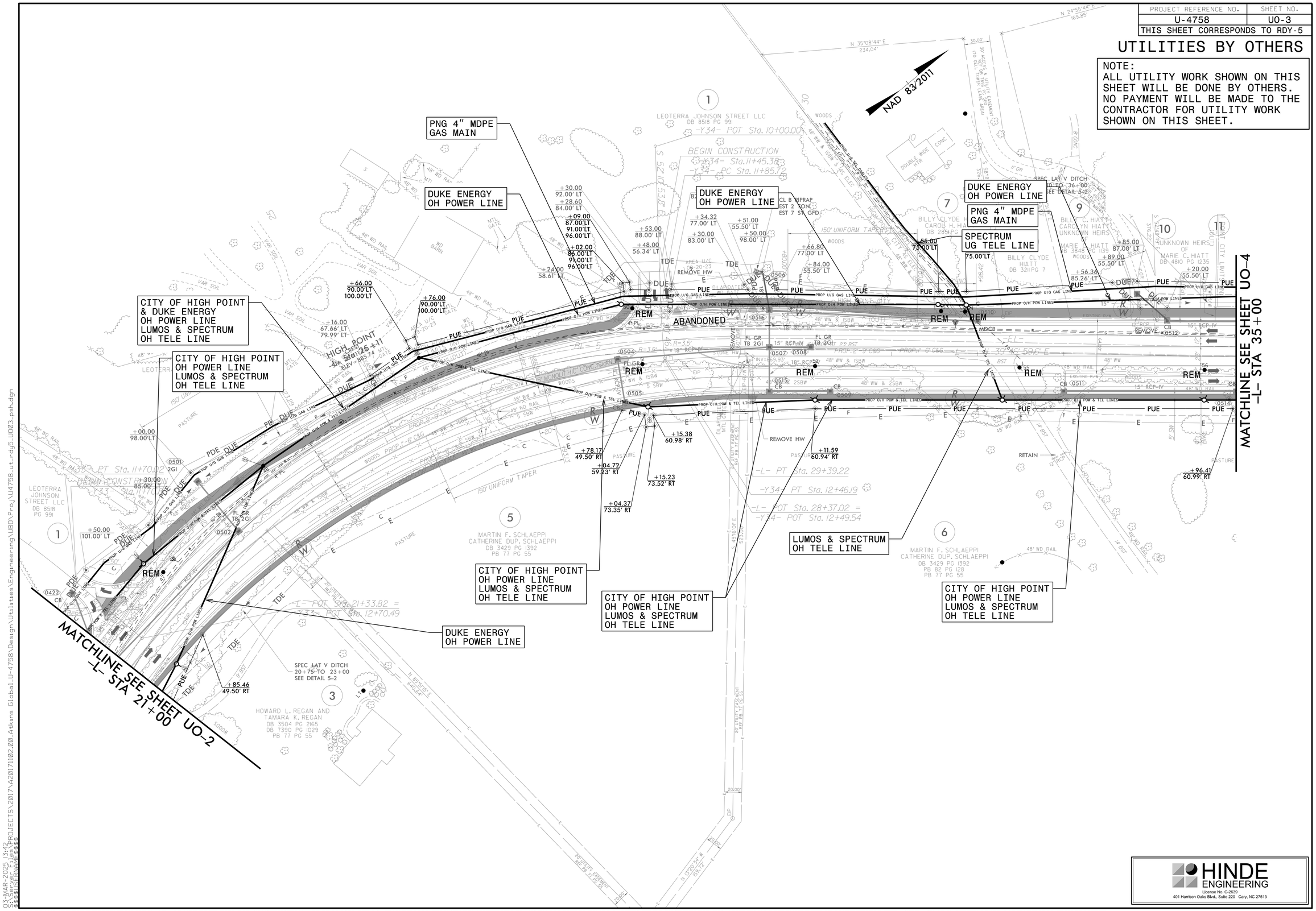

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-4
THIS SHEET CORRESPONDS TO RDY-6	

UTILITIES BY OTHERS

NOTE:
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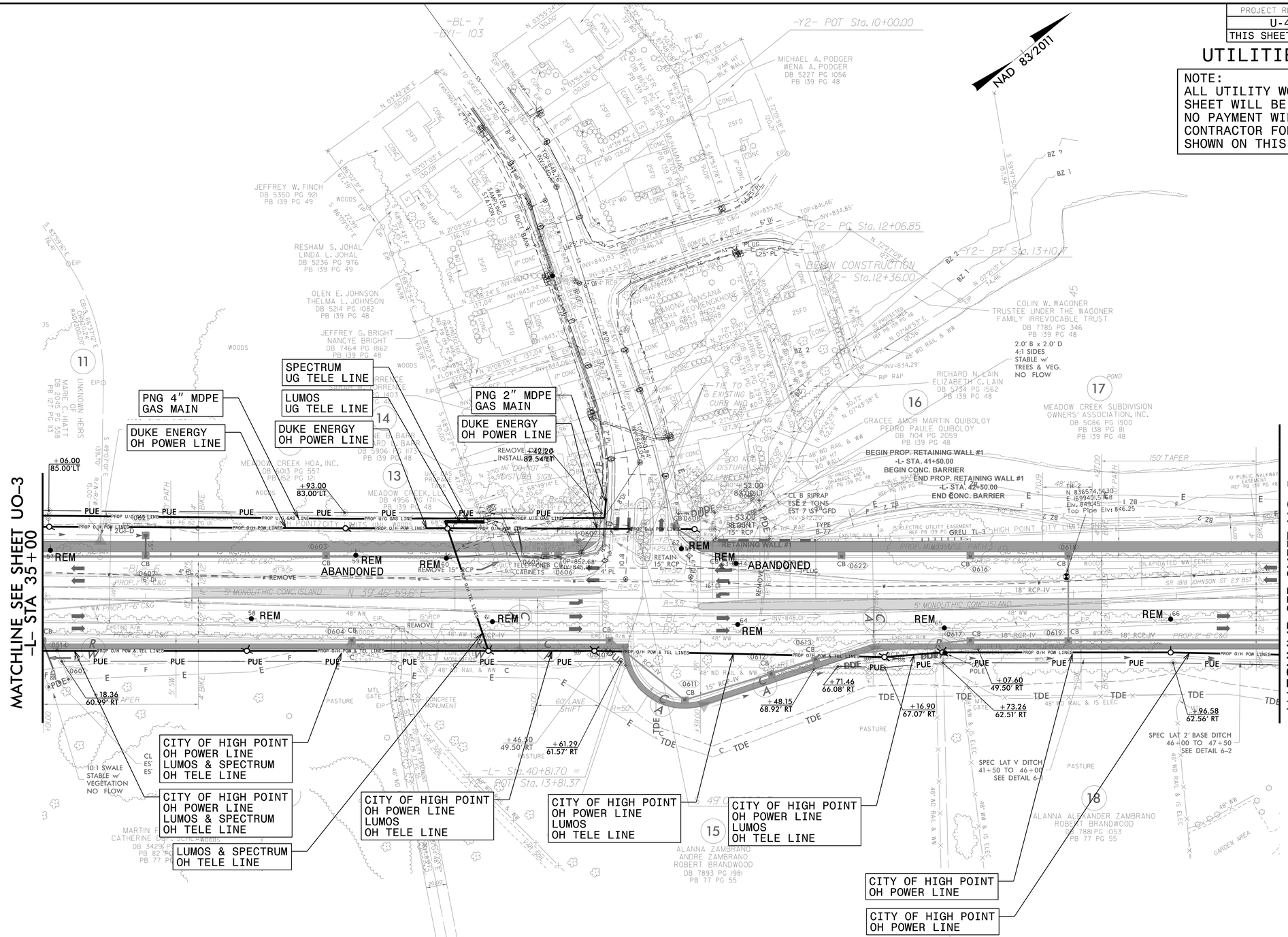

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-5
THIS SHEET CORRESPONDS TO RDY-7	

UTILITIES BY OTHERS

NOTE:
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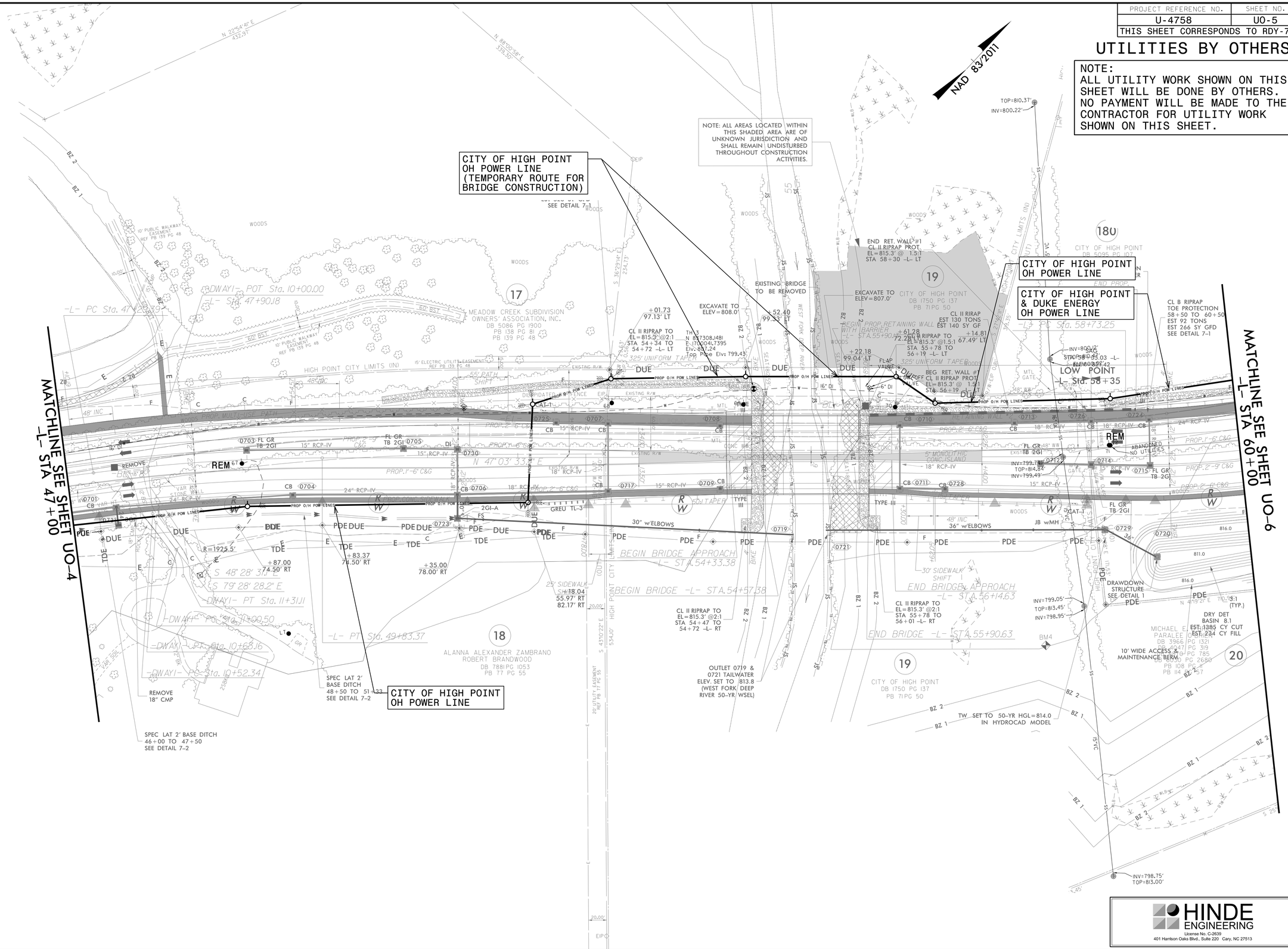

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$$$$FILENAME$$$$

PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-6
THIS SHEET CORRESPONDS TO RDY-8	

UTILITIES BY OTHERS

NOTE:
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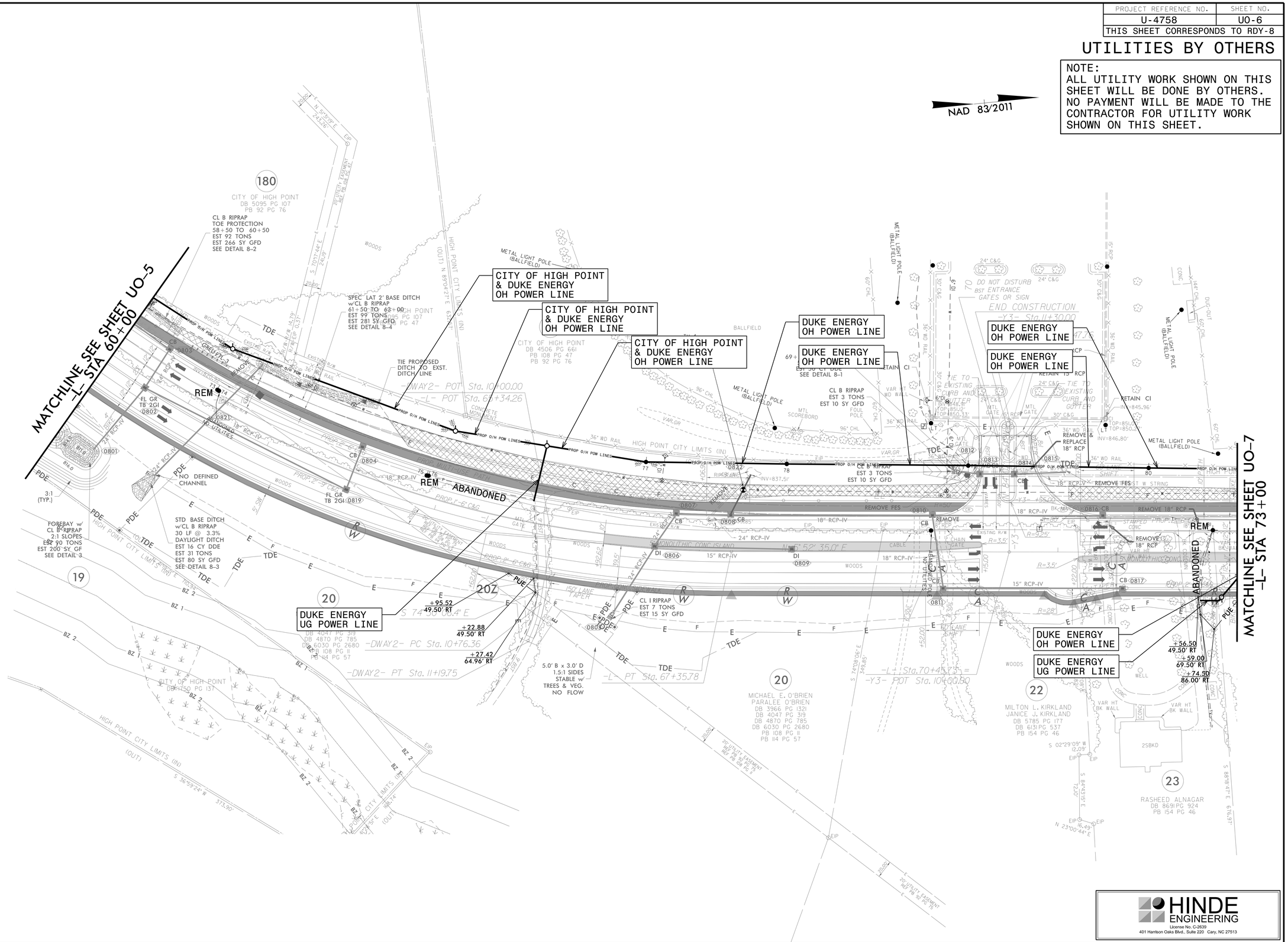

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-7
THIS SHEET CORRESPONDS TO RDY-9	

UTILITIES BY OTHERS

NOTE:
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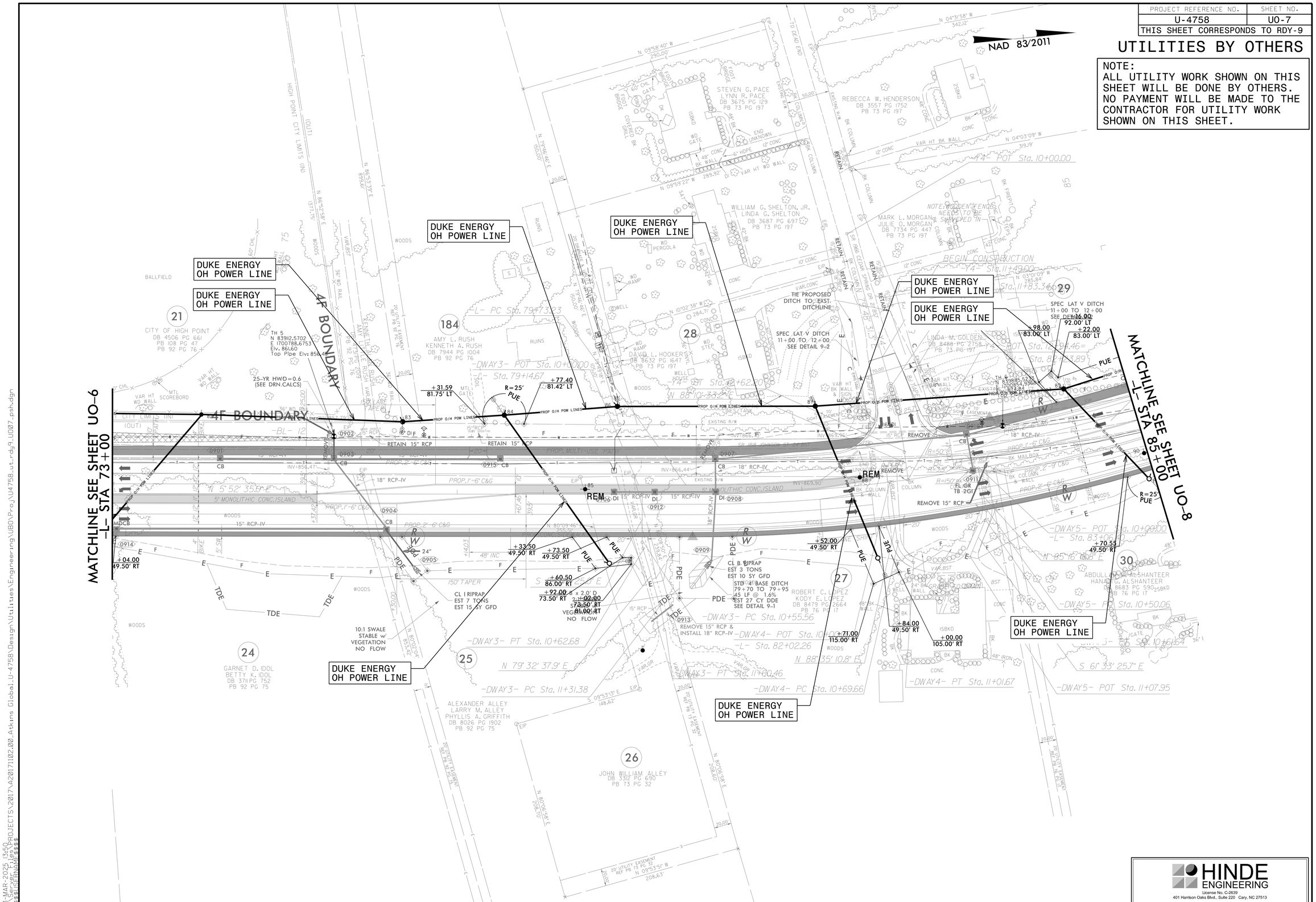

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-8
THIS SHEET CORRESPONDS TO RDY-10	

UTILITIES BY OTHERS

NOTE:
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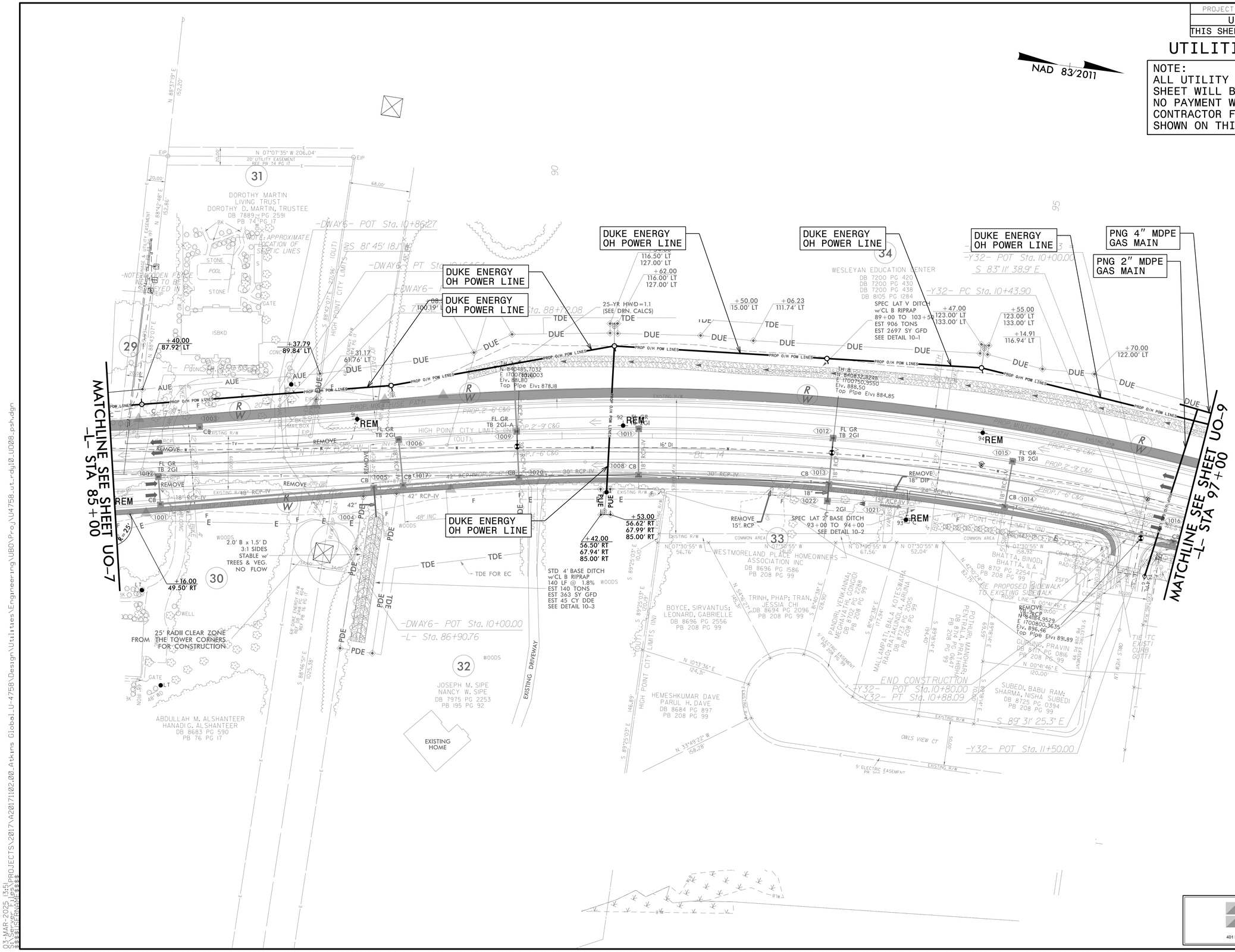

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-9
THIS SHEET CORRESPONDS TO RDY-11	

UTILITIES BY OTHERS

NOTE:
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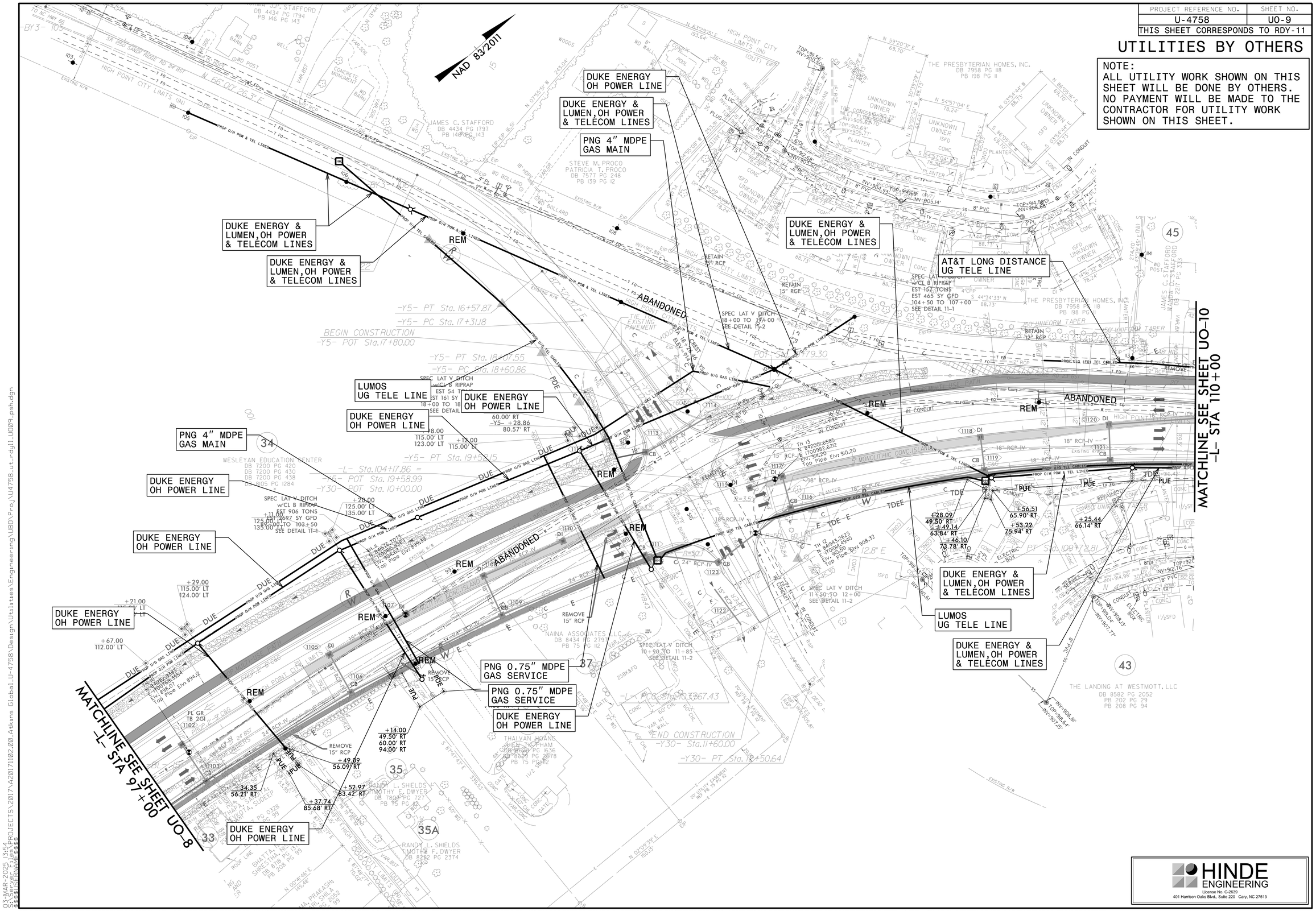

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-10
THIS SHEET CORRESPONDS TO RDY-12	

UTILITIES BY OTHERS

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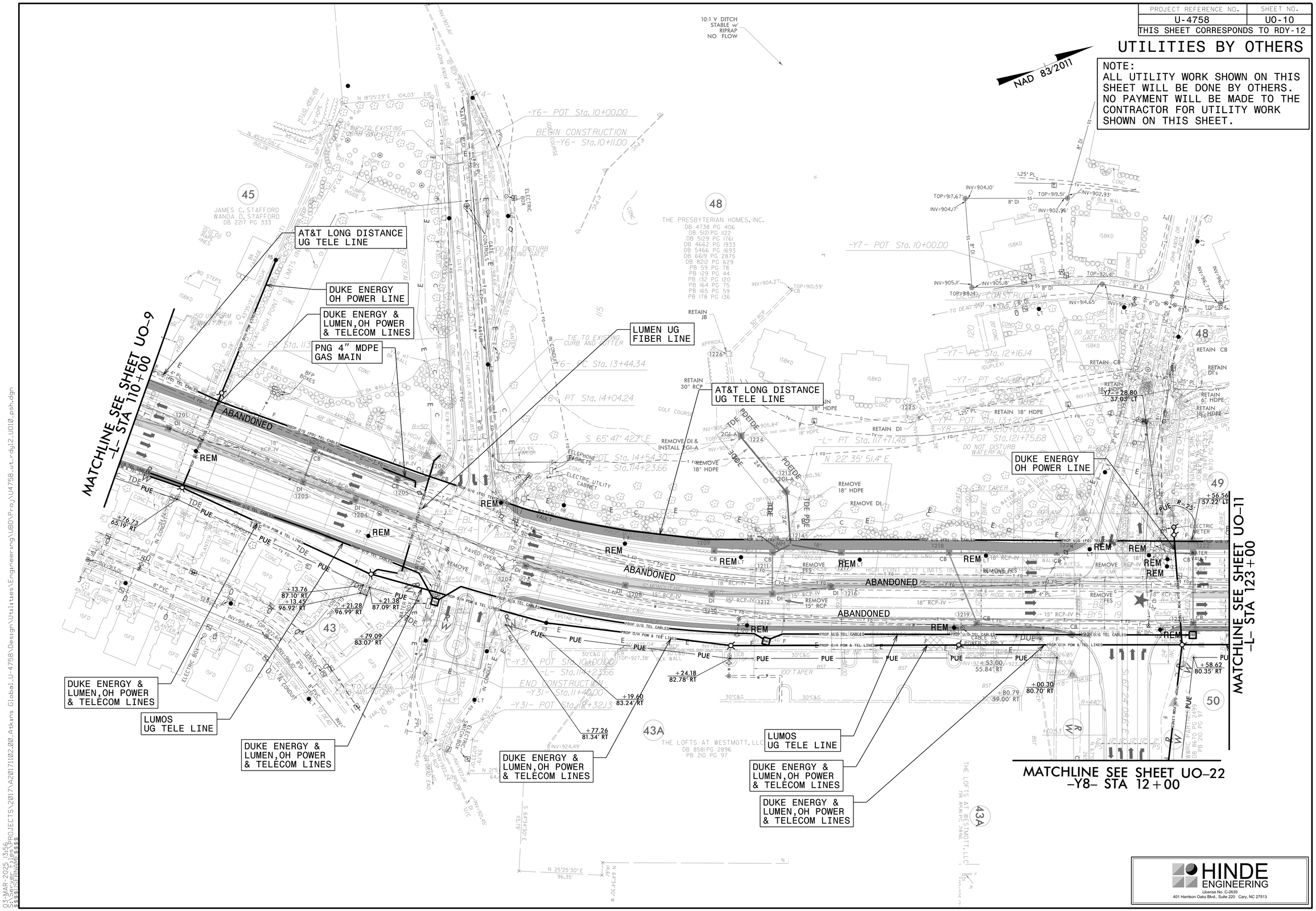

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-11
THIS SHEET CORRESPONDS TO RDY-13	

UTILITIES BY OTHERS

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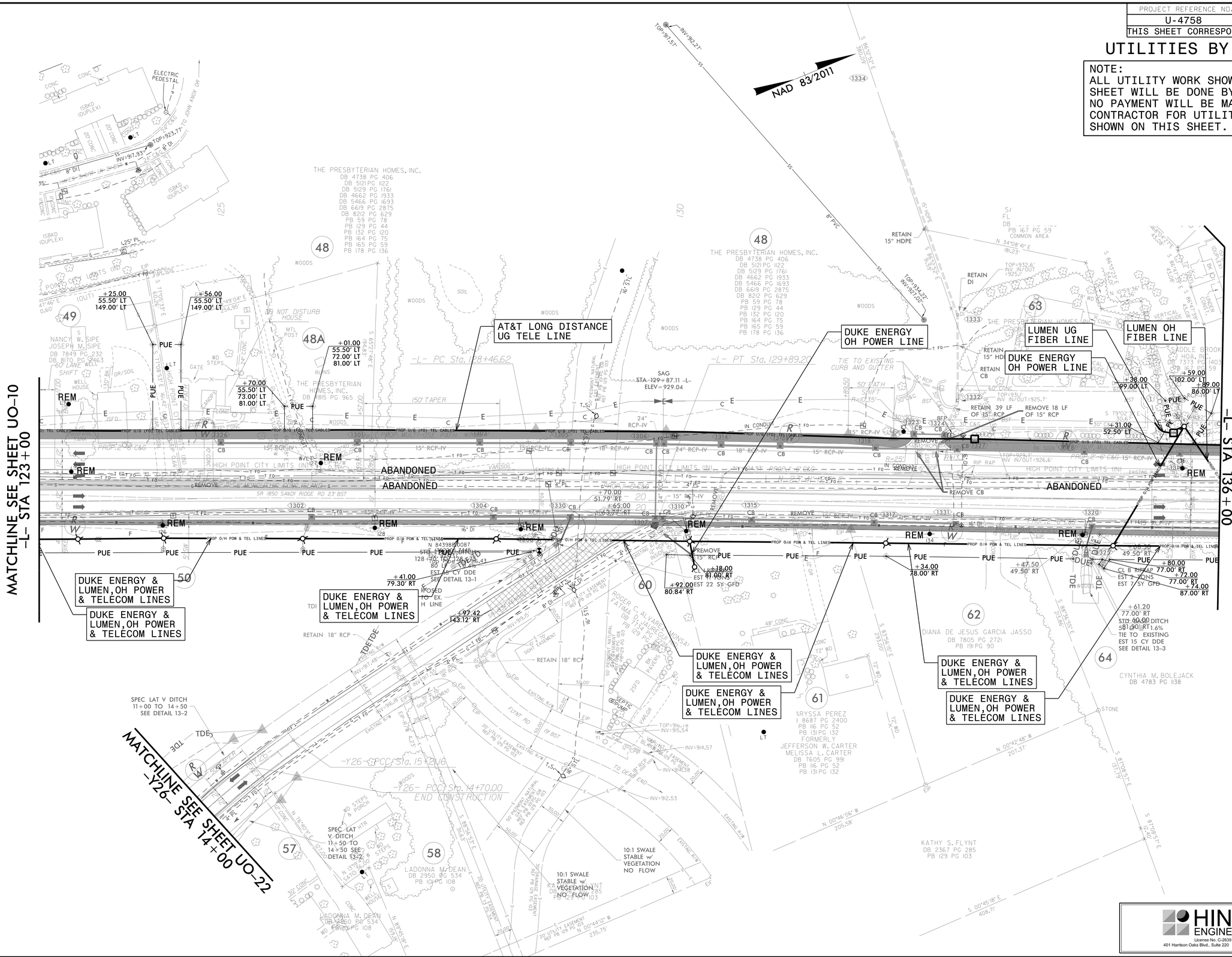

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-12
THIS SHEET CORRESPONDS TO RDY-14	

UTILITIES BY OTHERS

NOTE:
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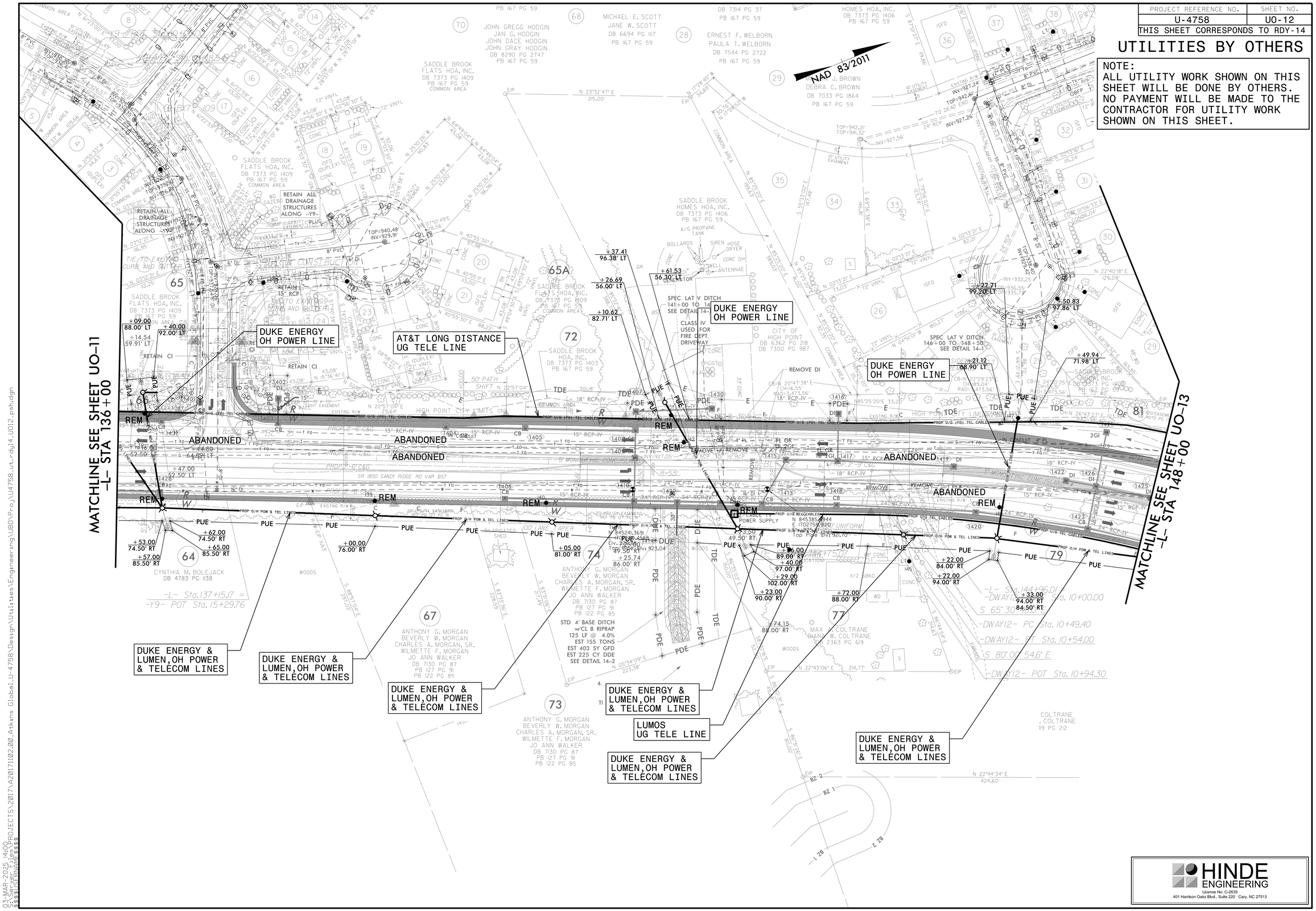
NAD 83/2011
MATCHLINE SEE SHEET UO-11
-L- STA 136+00
MATCHLINE SEE SHEET UO-13
-L- STA 148+00
DUKE ENERGY OH POWER LINE
AT&T LONG DISTANCE UG TELE LINE
DUKE ENERGY OH POWER LINE
DUKE ENERGY OH POWER LINE
DUKE ENERGY & LUMEN, OH POWER & TELECOM LINES
DUKE ENERGY & LUMEN, OH POWER & TELECOM LINES
DUKE ENERGY & LUMEN, OH POWER & TELECOM LINES
DUKE ENERGY & LUMEN, OH POWER & TELECOM LINES
LUMOS UG TELE LINE
DUKE ENERGY & LUMEN, OH POWER & TELECOM LINES
DUKE ENERGY & LUMEN, OH POWER & TELECOM LINES
ABANDONED
ABANDONED
ABANDONED
ABANDONED
ABANDONED
SR 1850 SANDY RIDGE RD VAR BST
-L- Sta.137+15.17 = -Y9- POT Sta. 15+29.76
-L- Sta.144+96.01 = -DWAY12- POT Sta. 10+00.00
-DWAY12- PC Sta. 10+49.40
-DWAY12- PT Sta. 10+54.00
-DWAY12- POT Sta. 10+94.30
STD 4' BASE DITCH w/CL B RIPRAP
125 LF @ 4.0%
EST 155 TONS
EST 403 SY GFD
EST 225 CY DDE
SEE DETAIL 14-2
SPEC LAT V DITCH 141+00 TO 148+50 SEE DETAIL 14-1
SPEC LAT V DITCH 146+00 TO 148+50 SEE DETAIL 14-1
CYNTHIA M. BOLEJACK DB 4783 PG 1138
ANTHONY G. MORGAN BEVERLY W. MORGAN CHARLES A. MORGAN, SR. WILMETTE F. MORGAN JO ANN WALKER DB 7130 PG 87 PB 127 PG 91 PB 122 PG 85
MAX A. COLTRANE DIANE W. COLTRANE DB 2363 PG 619
COLTRANE . COLTRANE 19 PG 212
SADDLE BROOK FLATS HOA, INC. DB 7373 PG 1409 PB 167 PG 59 COMMON AREA
SADDLE BROOK HOMES HOA, INC. DB 7373 PG 1406 PB 167 PG 59
SADDLE BROOK HOA, INC. DB 7373 PG 1403 PB 167 PG 59
CITY OF HIGH POINT DB 6362 PG 218 DB 7300 PG 987
JOHN GREGG HODGIN JAN G. HODGIN JOHN DACE HODGIN JOHN GRAY HODGIN DB 8290 PG 2747 PB 167 PG 59
MICHAEL E. SCOTT JANE W. SCOTT DB 6694 PG 1117 PB 167 PG 59
ERNEST F. WELBORN PAULA T. WELBORN DB 7544 PG 2722 PB 167 PG 59
DEBRA C. BROWN DB 7033 PG 1864 PB 167 PG 59
HOMES HOA, INC. DB 7373 PG 1406 PB 167 PG 59
DB 7314 PG 37 PB 167 PG 59
RETAIN ALL DRAINAGE STRUCTURES ALONG -Y9-
RETAIN 15" RCP
REMOVE DI
REMOVE
PROP U/G (FO) TEL CABLES
PROP O/H POW & TEL LINES
PROP U/G (FO) TEL CABLES
PROP U/G (FO) TEL CABLES
PROP O/H POW & TEL LIN

PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-13
THIS SHEET CORRESPONDS TO RDY-15	

UTILITIES BY OTHERS

NOTE:
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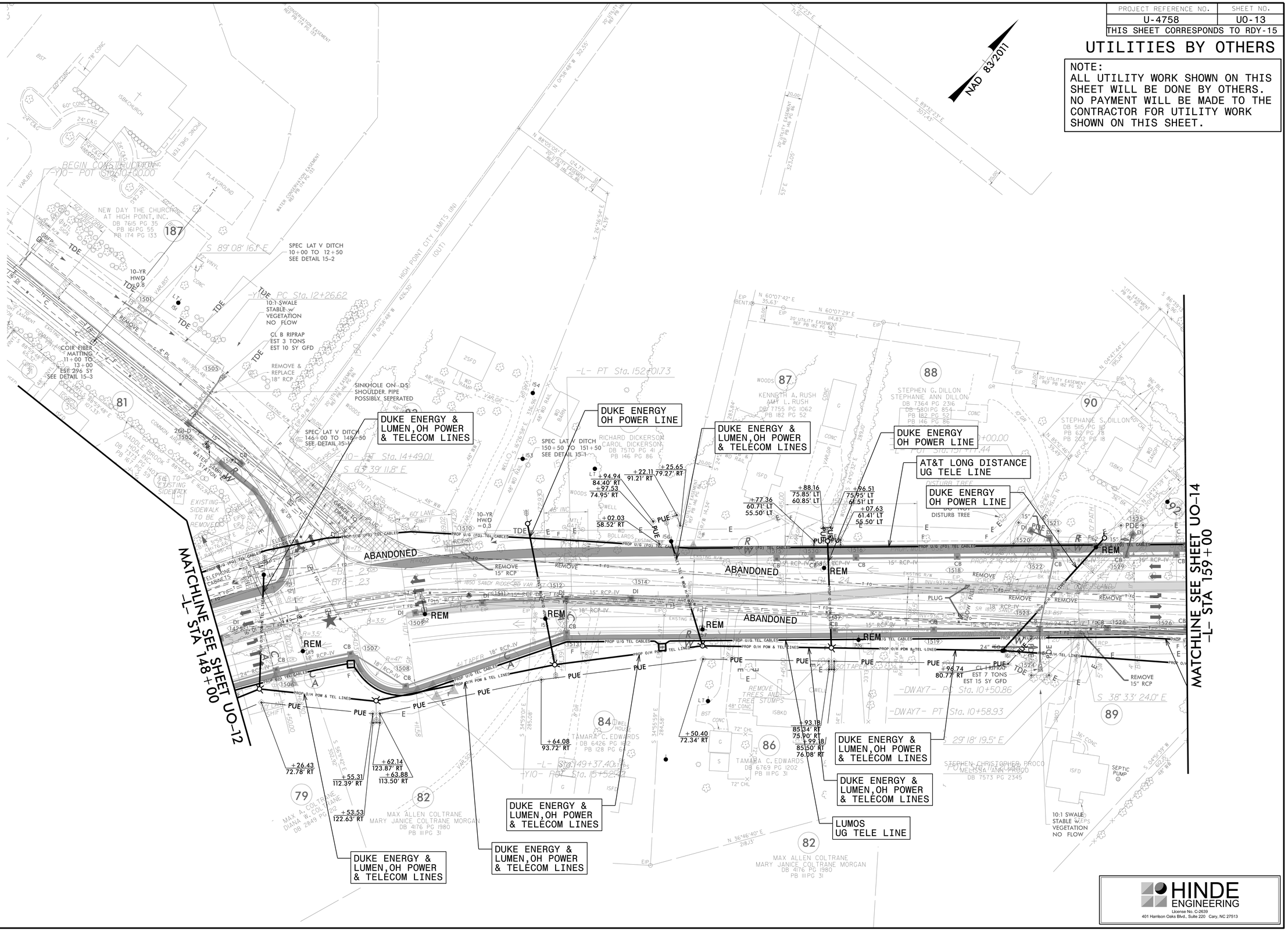

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-14
THIS SHEET CORRESPONDS TO RDY-16	

UTILITIES BY OTHERS

NOTE:
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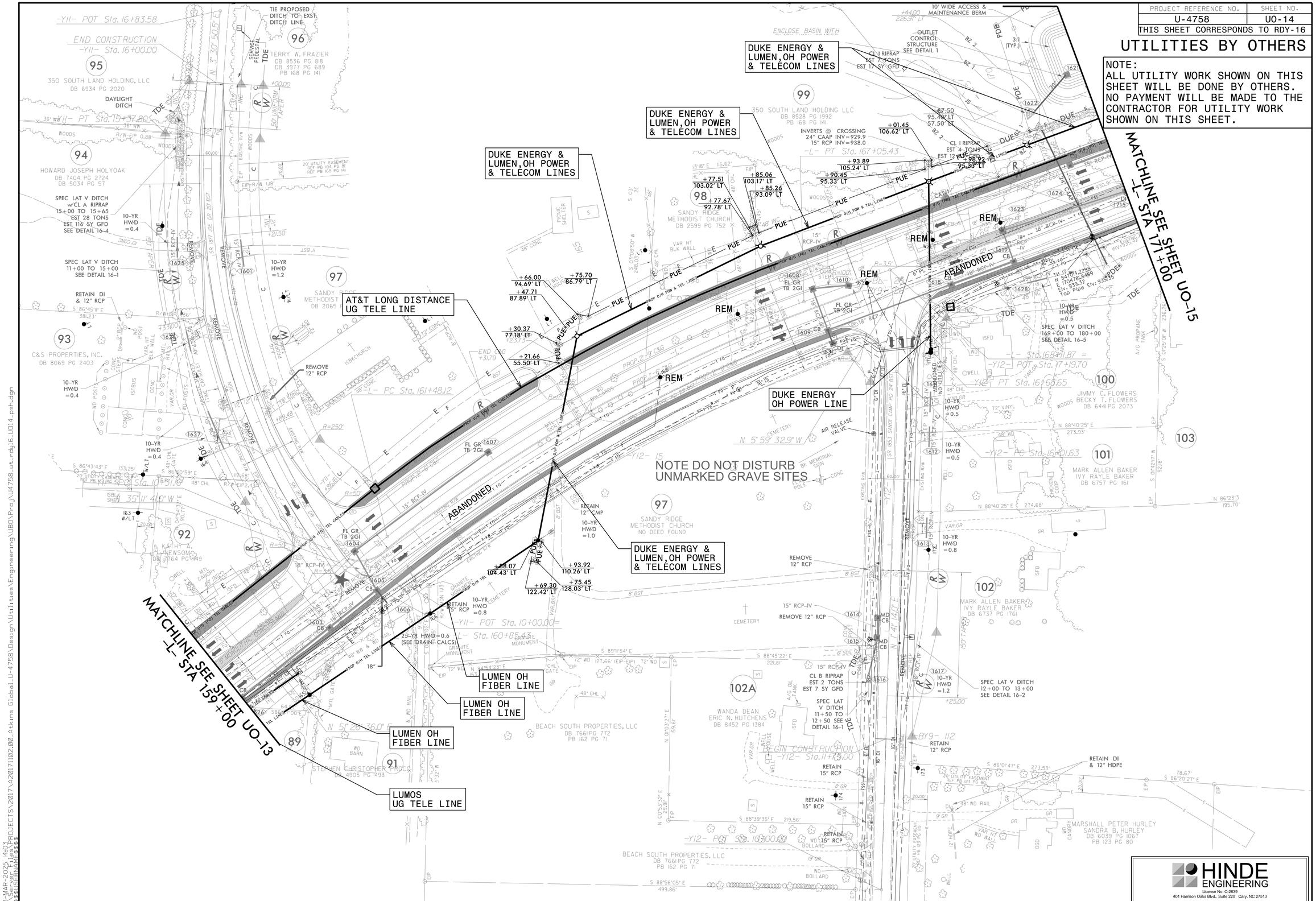
DUKE ENERGY & LUMEN,OH POWER & TELECOM LINES
DUKE ENERGY & LUMEN,OH POWER & TELECOM LINES
DUKE ENERGY & LUMEN,OH POWER & TELECOM LINES
AT&T LONG DISTANCE UG TELE LINE
DUKE ENERGY OH POWER LINE
NOTE DO NOT DISTURB UNMARKED GRAVE SITES
DUKE ENERGY & LUMEN,OH POWER & TELECOM LINES
LUMEN OH FIBER LINE
LUMEN OH FIBER LINE
LUMEN OH FIBER LINE
LUMOS UG TELE LINE
MATCHLINE SEE SHEET UO-15 -L- STA 171+00
MATCHLINE SEE SHEET UO-13 -L- STA 159+00
ABANDONED
ABANDONED
REM
REM
REM

PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-15
THIS SHEET CORRESPONDS TO RDY-17	

UTILITIES BY OTHERS

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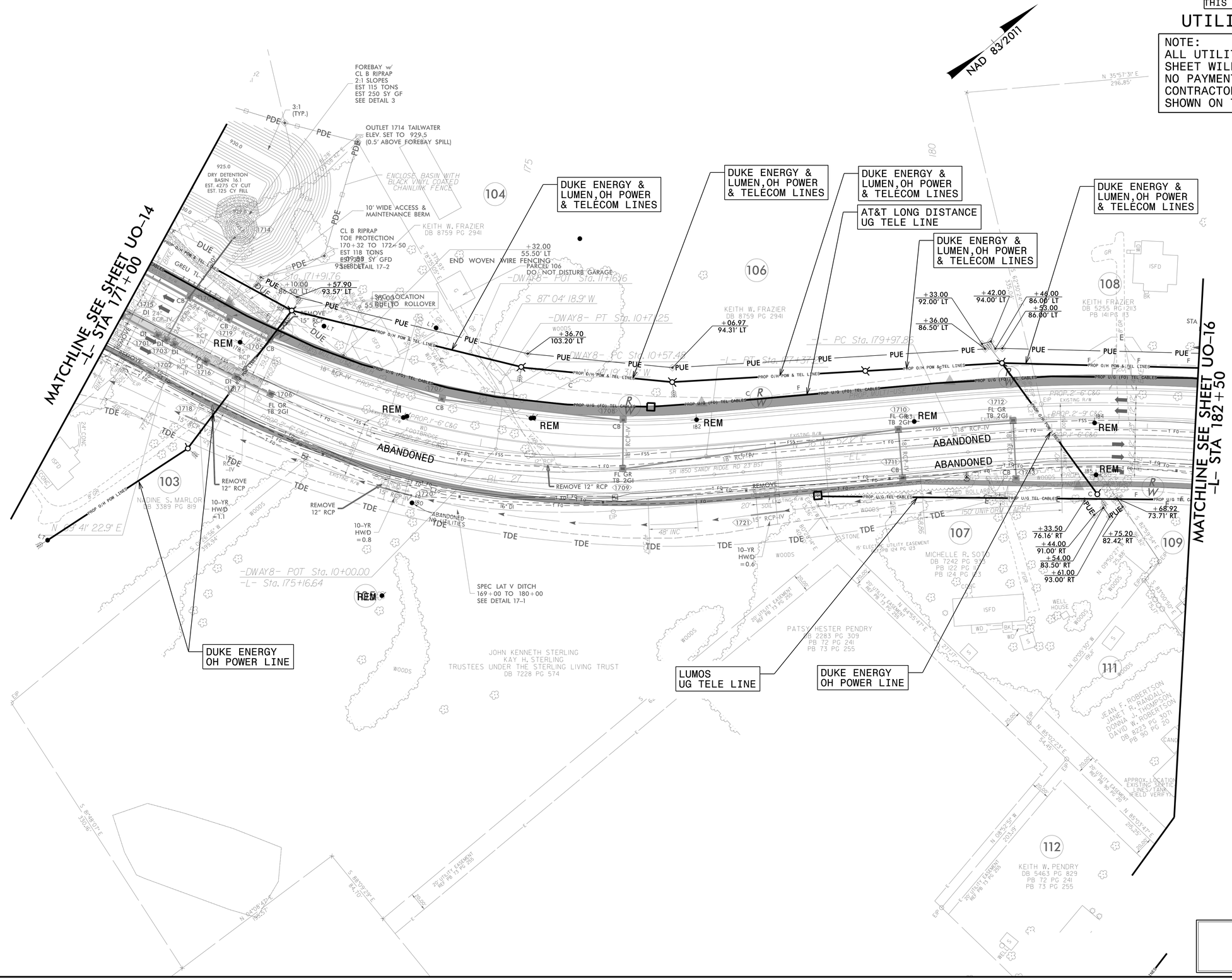

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-16
THIS SHEET CORRESPONDS TO RDY-18	

UTILITIES BY OTHERS

NOTE:
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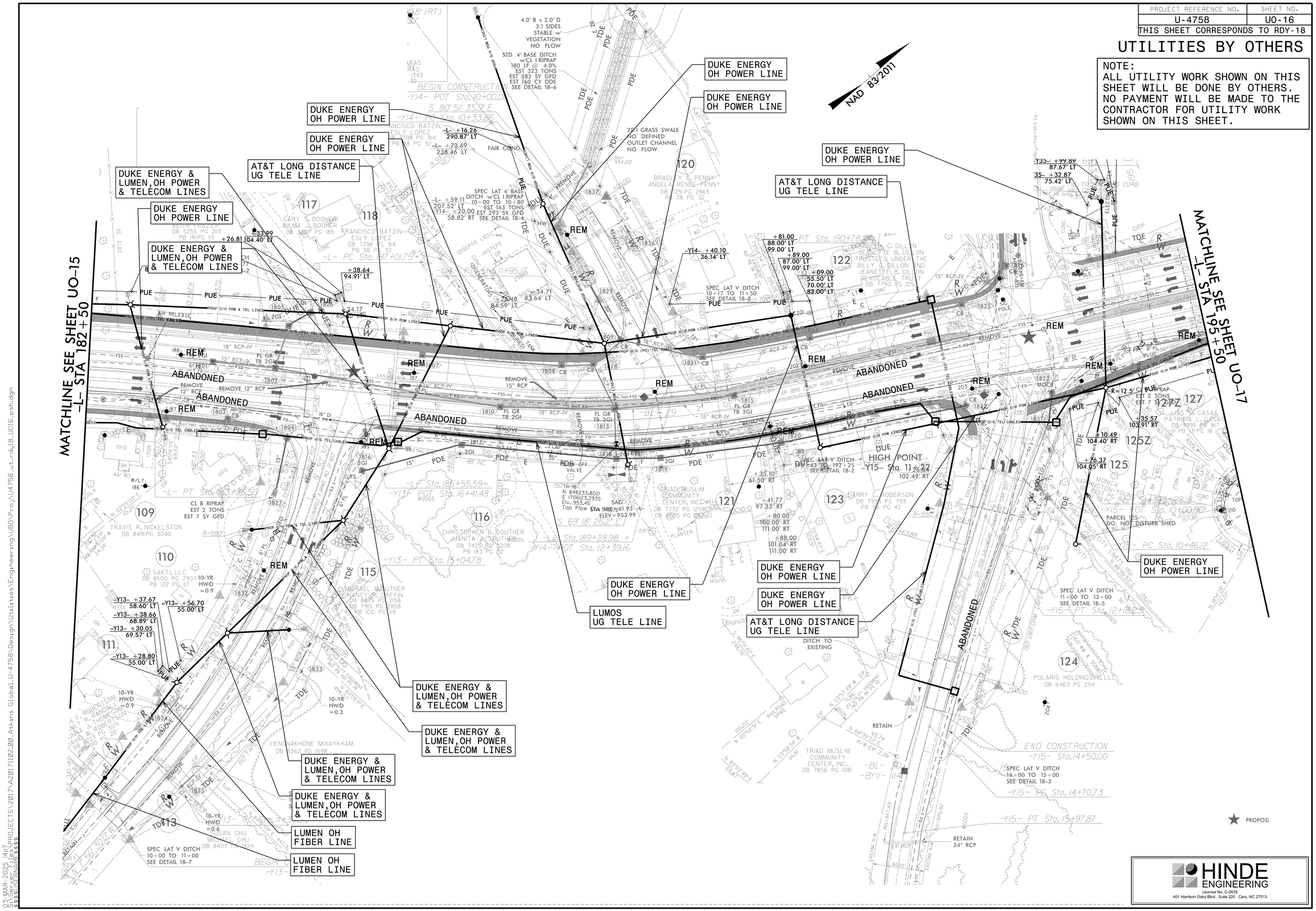

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-17
THIS SHEET CORRESPONDS TO RDY-19	

UTILITIES BY OTHERS

NOTE:
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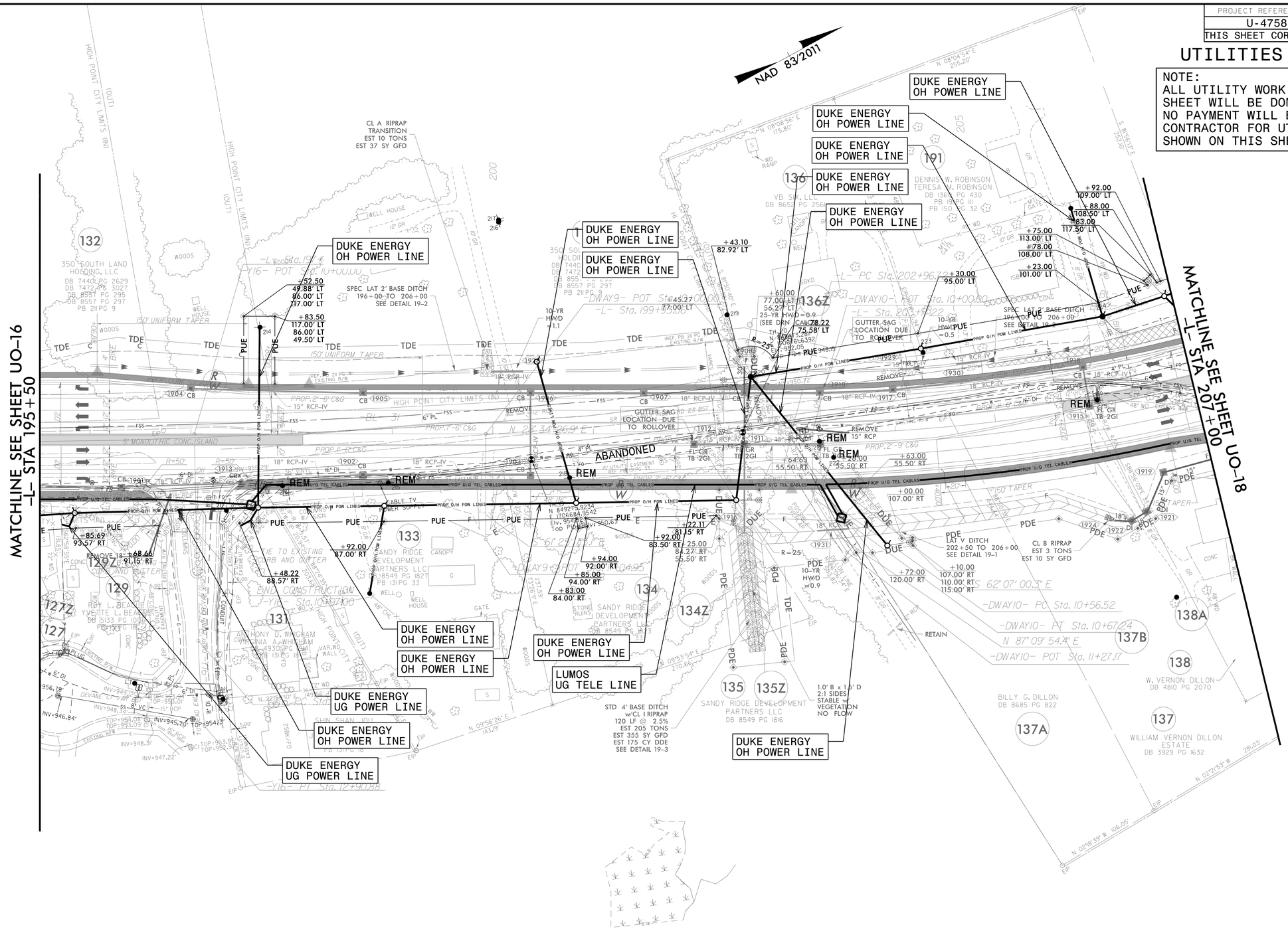

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-18
THIS SHEET CORRESPONDS TO RDY-20	

UTILITIES BY OTHERS

NOTE:
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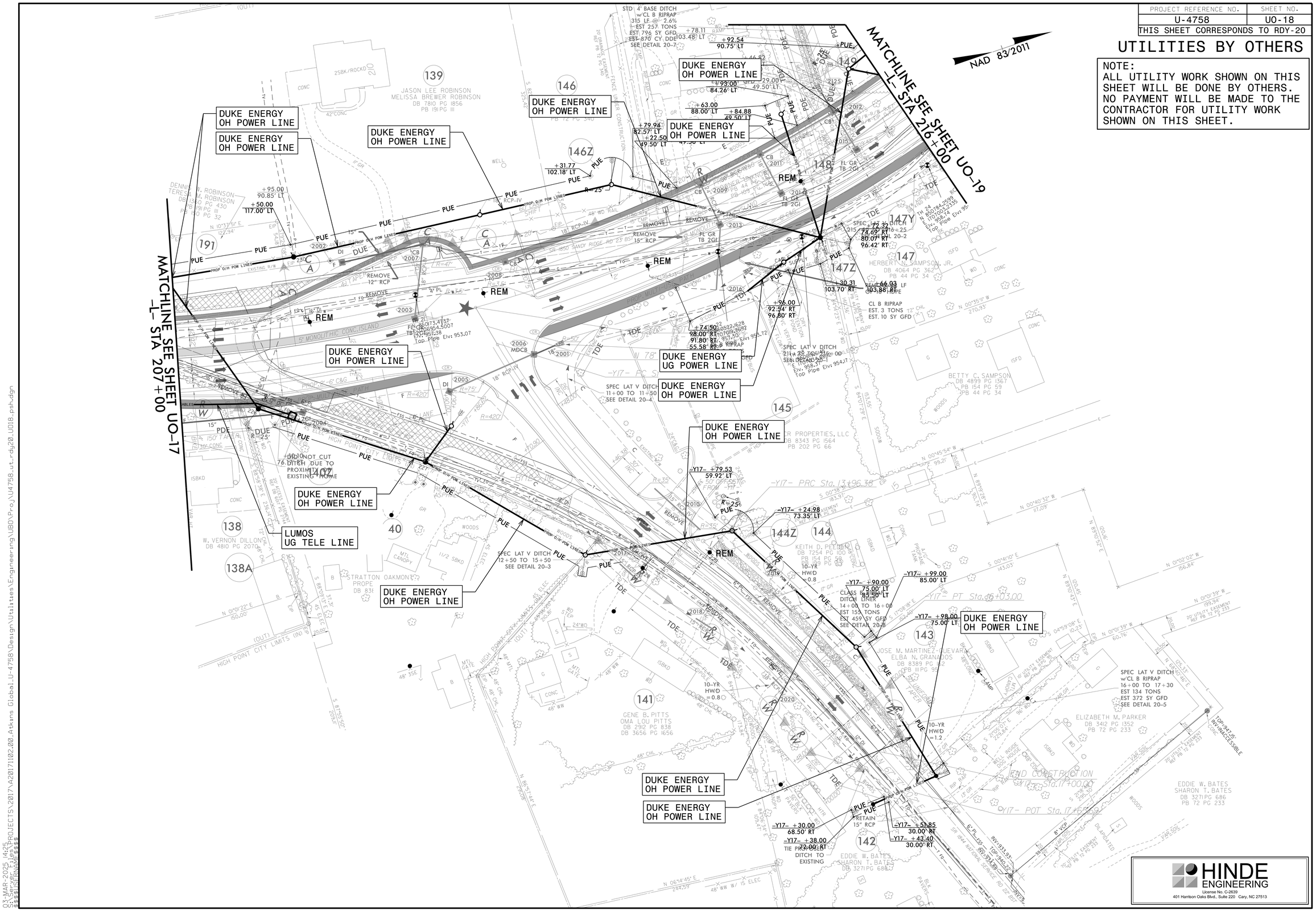

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-19
THIS SHEET CORRESPONDS TO RDY-21	

UTILITIES BY OTHERS

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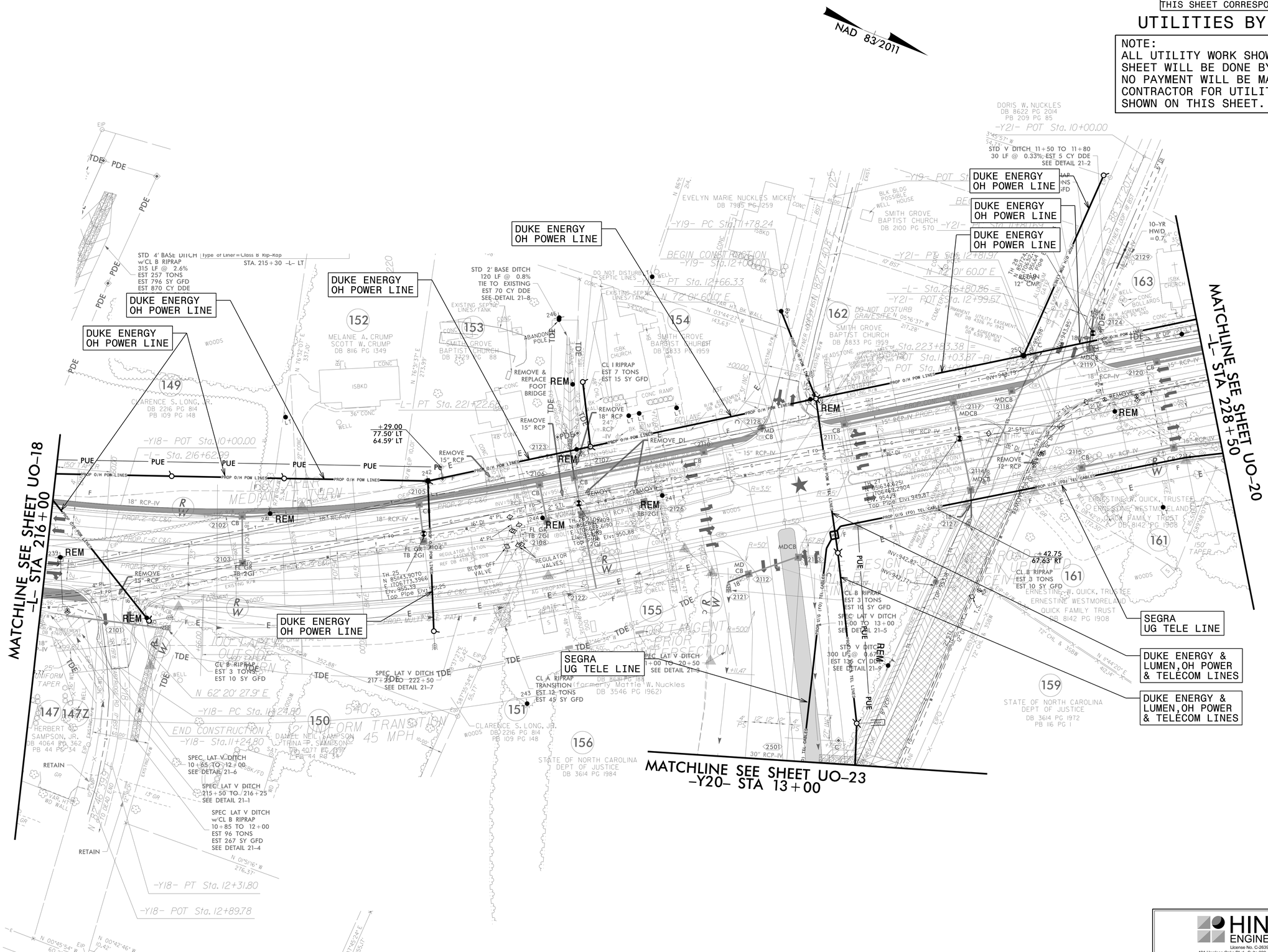
NAD 83/2011
MATCHLINE SEE SHEET UO-18
-L- STA 216+00
MATCHLINE SEE SHEET UO-20
-L- STA 228+50
MATCHLINE SEE SHEET UO-23
-Y20- STA 13+00
DUKE ENERGY OH POWER LINE
SEGRA UG TELE LINE
DUKE ENERGY & LUMEN,OH POWER & TELECOM LINES
STD 4' BASE DITCH w/CL B RIPRAP 315 LF @ 2.6% EST 257 TONS EST 796 SY GFD EST 870 CY DDE
STD 2' BASE DITCH 120 LF @ 0.8% TIE TO EXISTING EST 70 CY DDE SEE DETAIL 21-8
STD V DITCH 11+50 TO 11+80 30 LF @ 0.33% EST 5 CY DDE SEE DETAIL 21-2
CL B RIPRAP EST 3 TONS EST 10 SY GFD
CL A RIPRAP TRANSITION EST 12 TONS EST 45 SY GFD
SPEC LAT V DITCH 10+65 TO 12+00 SEE DETAIL 21-6
SPEC LAT V DITCH 215+50 TO 216+25 SEE DETAIL 21-1
SPEC LAT V DITCH w/CL B RIPRAP 10+85 TO 12+00 EST 96 TONS EST 267 SY GFD SEE DETAIL 21-4
SPEC LAT V DITCH 217+25 TO 222+50 SEE DETAIL 21-7
SPEC LAT V DITCH 11+00 TO 20+50 SEE DETAIL 21-9
SPEC LAT V DITCH 11+00 TO 13+00 SEE DETAIL 21-5
STD V DITCH 300 LF @ 0.67% EST 136 CY DDE SEE DETAIL 21-9
REMOVE & REPLACE FOOT BRIDGE
REMOVE 15" RCP
REMOVE 18" RCP
REMOVE 12" RCP
REMOVE DI
ABANDON POLE
REGULATOR VALVES
BLOW OFF VALVE
+29.00 77.50' LT 64.59' LT
+42.75 67.63' RT
10-YR HW/D = 0.7%
-Y18- POT Sta. 10+00.00
-Y18- PT Sta. 12+31.80
-Y18- POT Sta. 12+89.78
-Y18- PC Sta. 10+24.80
-Y18- Sta. 11+24.80
-Y19- POT Sta. 10+00.00
-Y21- POT Sta. 10+00.00
-Y21- POT Sta. 12+99.57
-L- PT Sta. 221+22.63
-L- Sta. 216+62.39
-L- Sta. 223+83.38
N 62° 20' 27.9" E
N 72° 01' 60.0" E
N 76°32'07" E
N 01°51'16" W
N 00°45'54" W
N 00°42'46" W
S 87°45'24" E
MELANIE A. CRUMP SCOTT W. CRUMP DB 816 PG 1349
CLARENCE S. LONG, JR. DB 2216 PG 814 PB 109 PG 148
SMITH GROVE BAPTIST CHURCH DB 1729 PG 88
SMITH GROVE BAPTIST CHURCH DB 2100 PG 570
SMITH GROVE BAPTIST CHURCH DB 5833 PG 1959
EVELYN MARIE NUCKLES MICKEY DB 7995 PG 1259
DORIS W. NUCKLES DB 8622 PG 2014 PB 209 PG 85
ERNESTINE W. QUICK, TRUSTEE ERNESTINE WESTMORELAND QUICK FAMILY TRUST DB 8142 PG 1908
STATE OF NORTH CAROLINA DEPT OF JUSTICE DB 3614 PG 1972 PB 116 PG 1
STATE OF NORTH CAROLINA DEPT OF JUSTICE DB 3614 PG 1984
HERBERT SAMPSON, JR. DB 4064 PG 362 PB 44 PG 34
DANIEL NEIL SAMPSON TRINA P. SAMPSON DB 4077 PG 499 PB 44 PG 34
MEDIAN 12' TURN LANE
2' UNIFORM TRANSITION 45 MPH
END CONSTRUCTION
DO NOT DISTURB GRAV/EST-EN
BEGIN CONSTRUCTION
PROP O/H POW LINES
PROP U/G (FO) TEL CABLES
PROP DI/H POW LINES
PROP 2'-6" C&G
PROP 18" RCP-IV
PROP 15" RCP-IV
PROP 24" RCP-IV
PROP 30" RCP-IV
EXISTING R/W
EXISTING 5' UTILITY EASEMENT
EXISTING 10' UTILITY EASEMENT
EXISTING 15' UTILITY EASEMENT
EXISTING 20' UTILITY EASEMENT
EXISTING 25' UTILITY EASEMENT
EXISTING 30' UTILITY EASEMENT
EXISTING 50' UTILITY EASEMENT
EXISTING 100' UTILITY EASEMENT
EXISTING 150' UTILITY EASEMENT
EXISTING 200' UTILITY EASEMENT
EXISTING 250' UTILITY EASEMENT
EXISTING 300' UTILITY EASEMENT
EXISTING 350' UTILITY EASEMENT
EXISTING 400' UTILITY EASEMENT
EXISTING 450' UTILITY EASEMENT
EXISTING 500' UTILITY EASEMENT
EXISTING

PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-20
THIS SHEET CORRESPONDS TO RDY-22	

UTILITIES BY OTHERS

NOTE:
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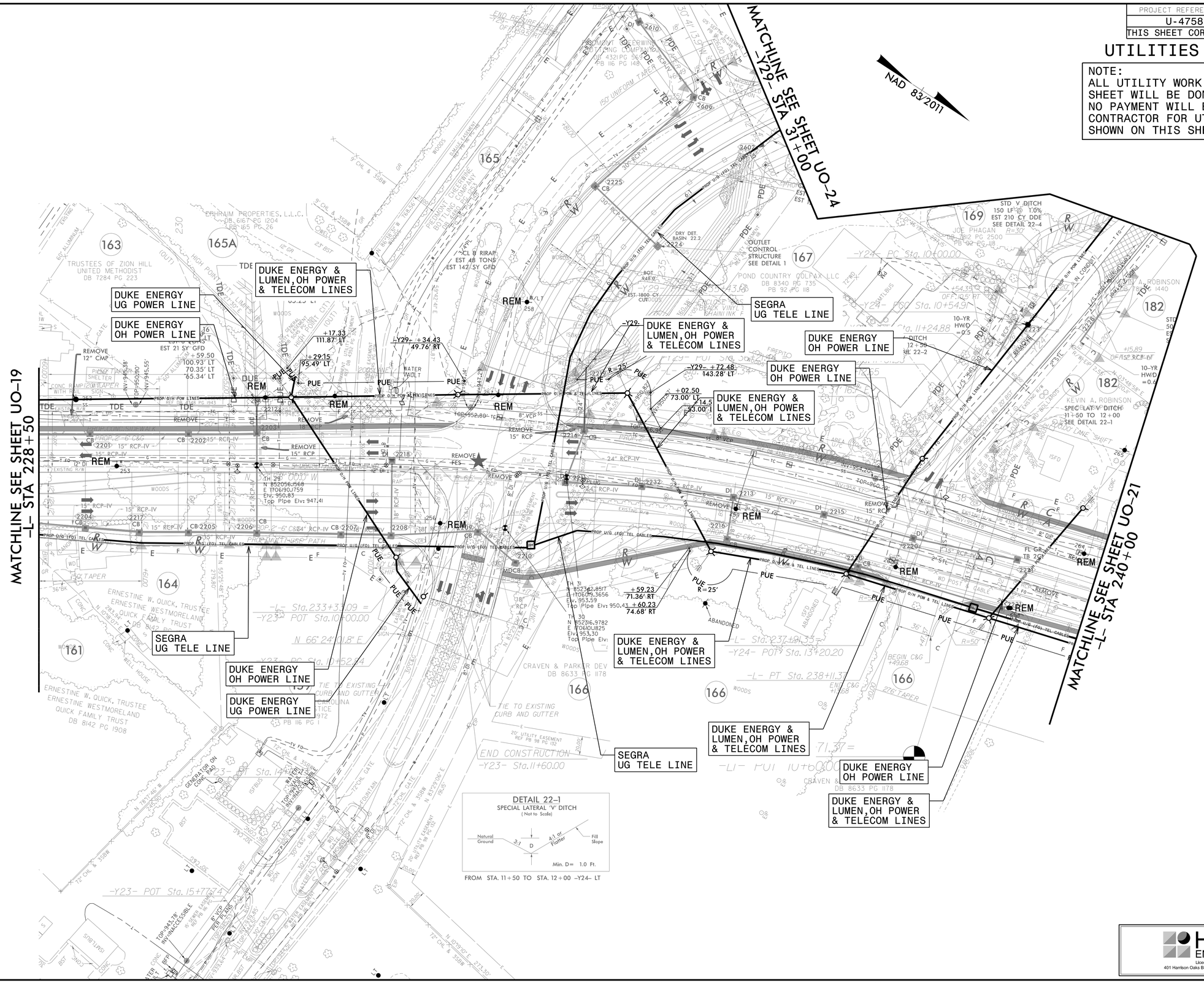

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	UO-21
THIS SHEET CORRESPONDS TO RDY-23	

UTILITIES BY OTHERS

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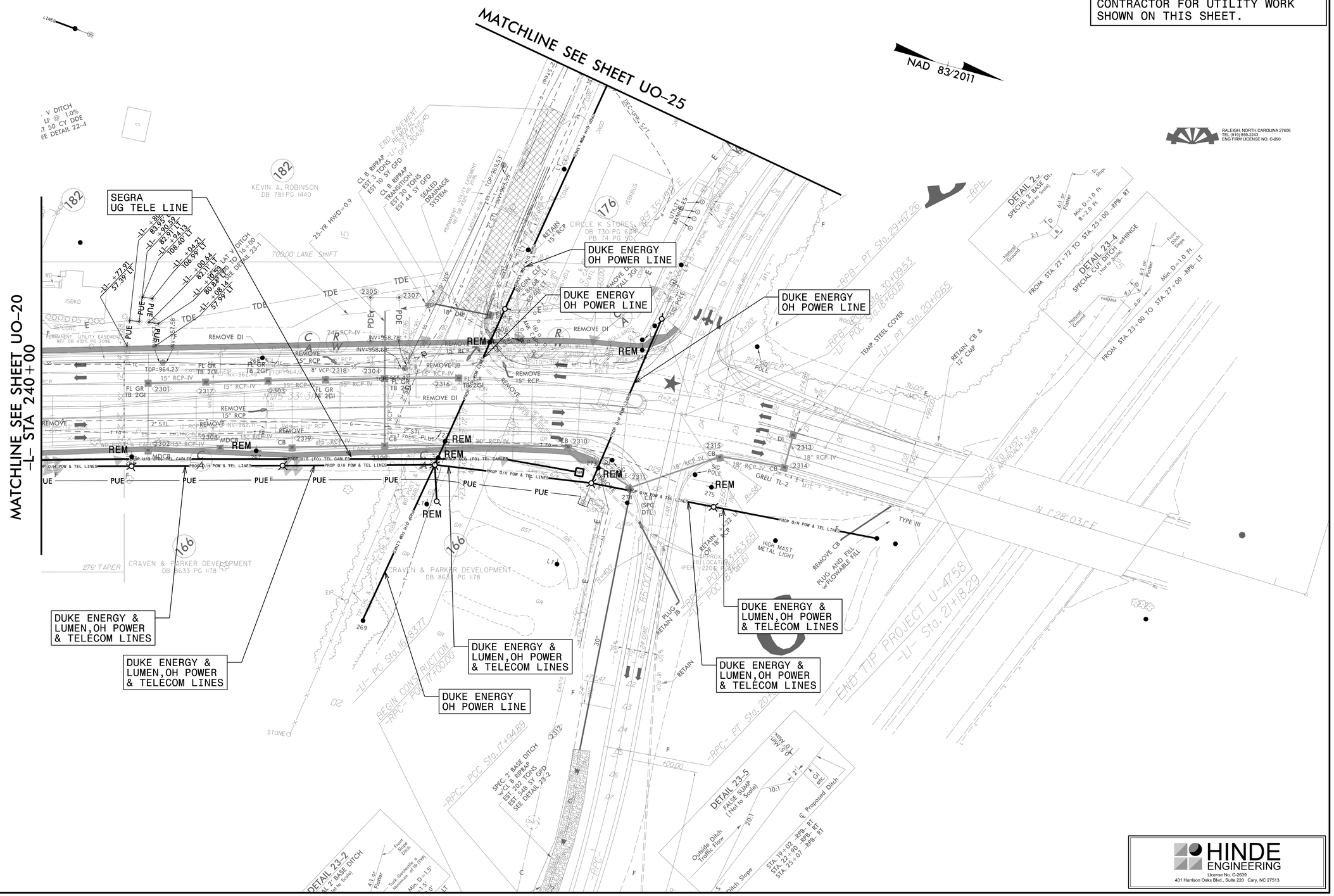

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-22
THIS SHEET CORRESPONDS TO RDY-24	

UTILITIES BY OTHERS

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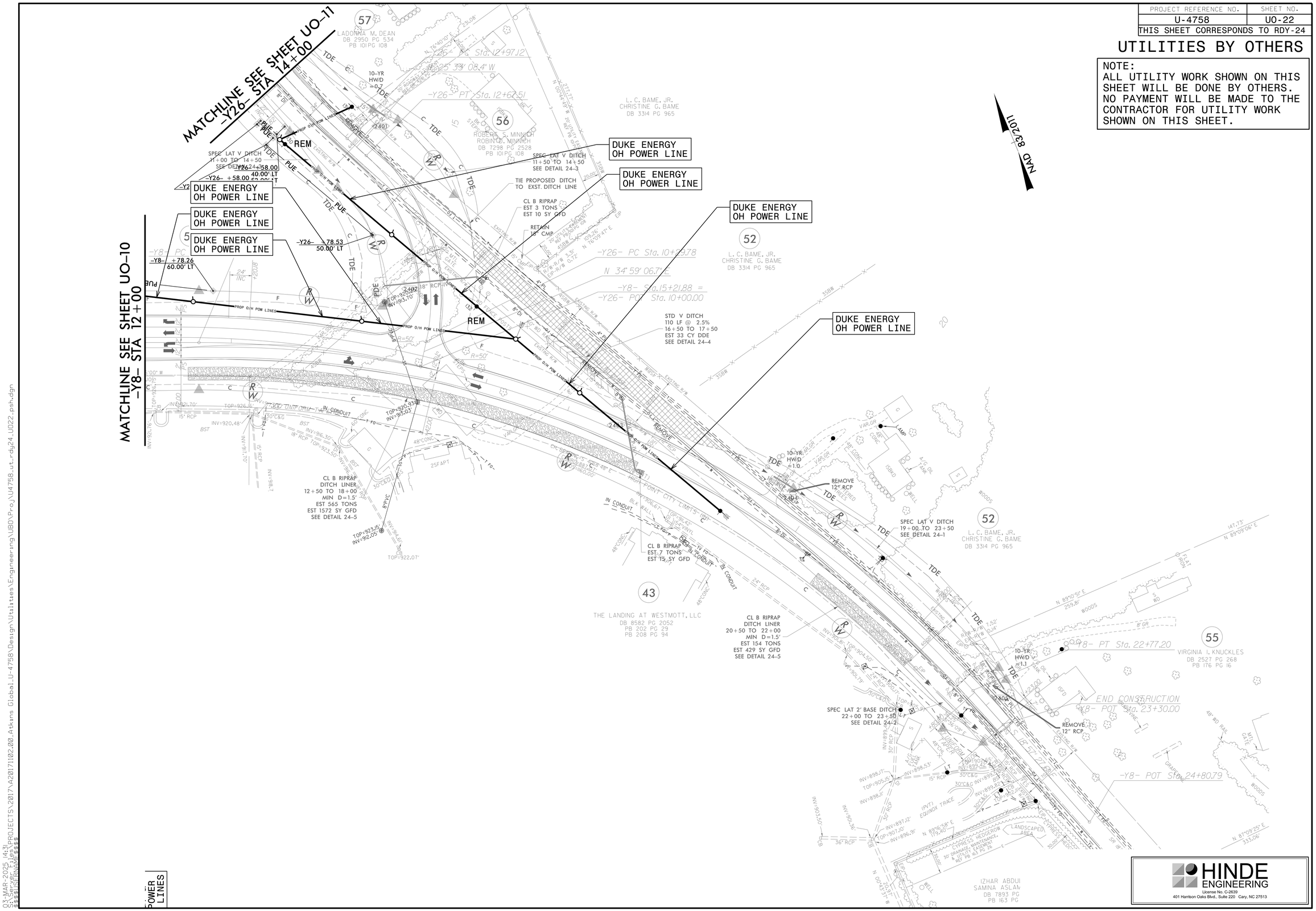

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POWER LINES

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USER: SGERNANDEZ

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-23
THIS SHEET CORRESPONDS TO RDY-25	

UTILITIES BY OTHERS

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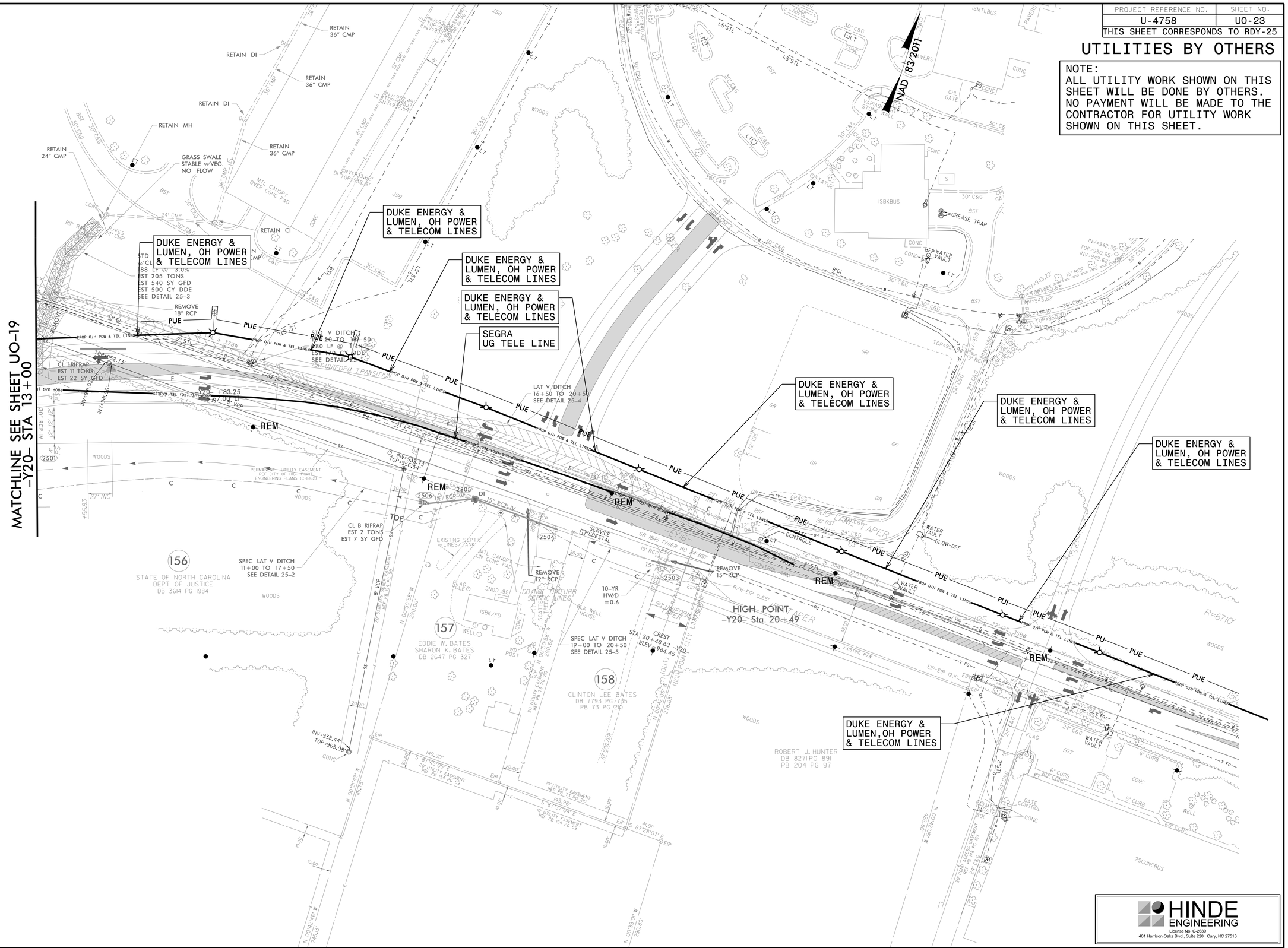

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-24
THIS SHEET CORRESPONDS TO RDY-26	

UTILITIES BY OTHERS

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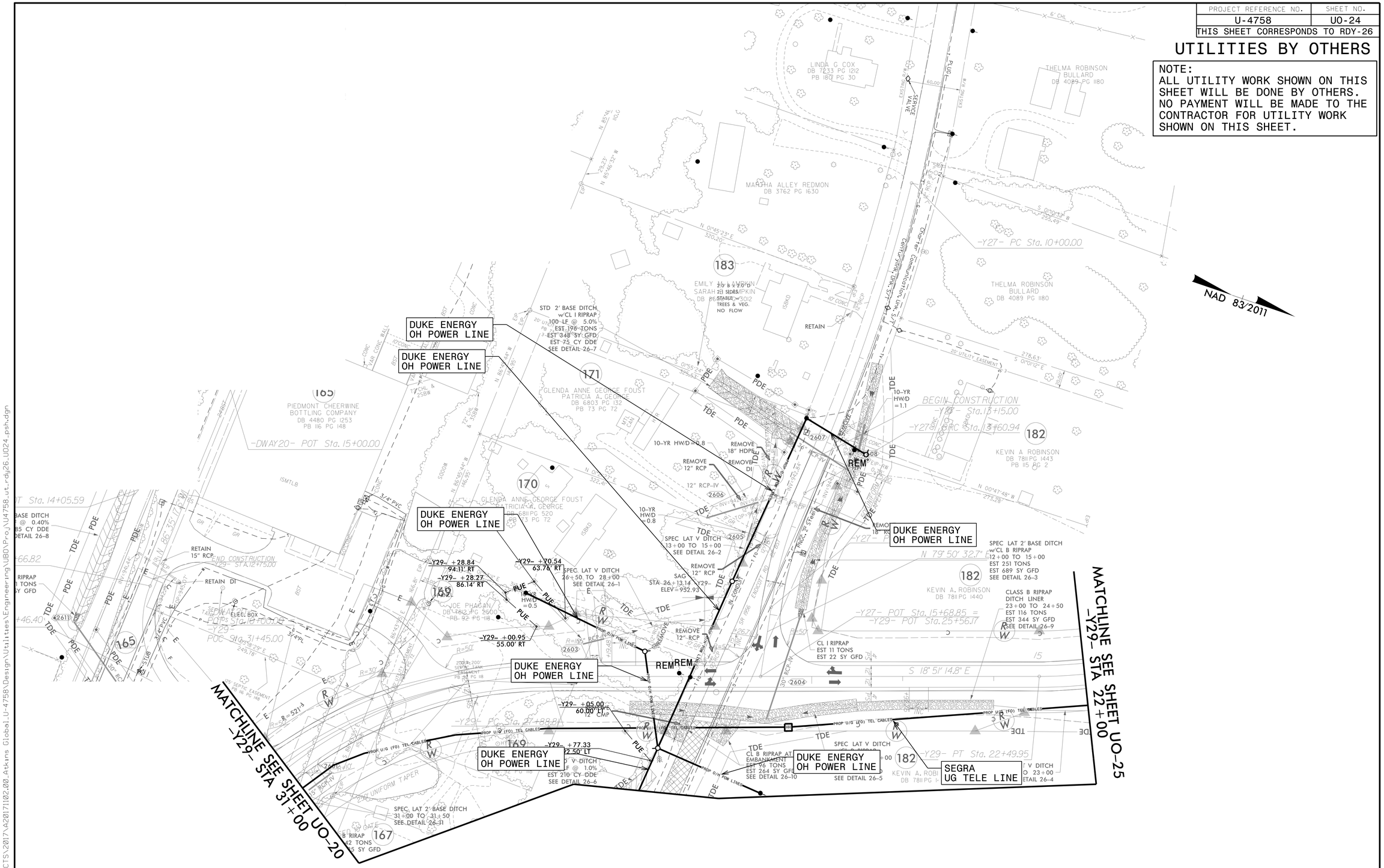

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PROJECT REFERENCE NO.	SHEET NO.
U-4758	U0-25
THIS SHEET CORRESPONDS TO RDY-27	

UTILITIES BY OTHERS

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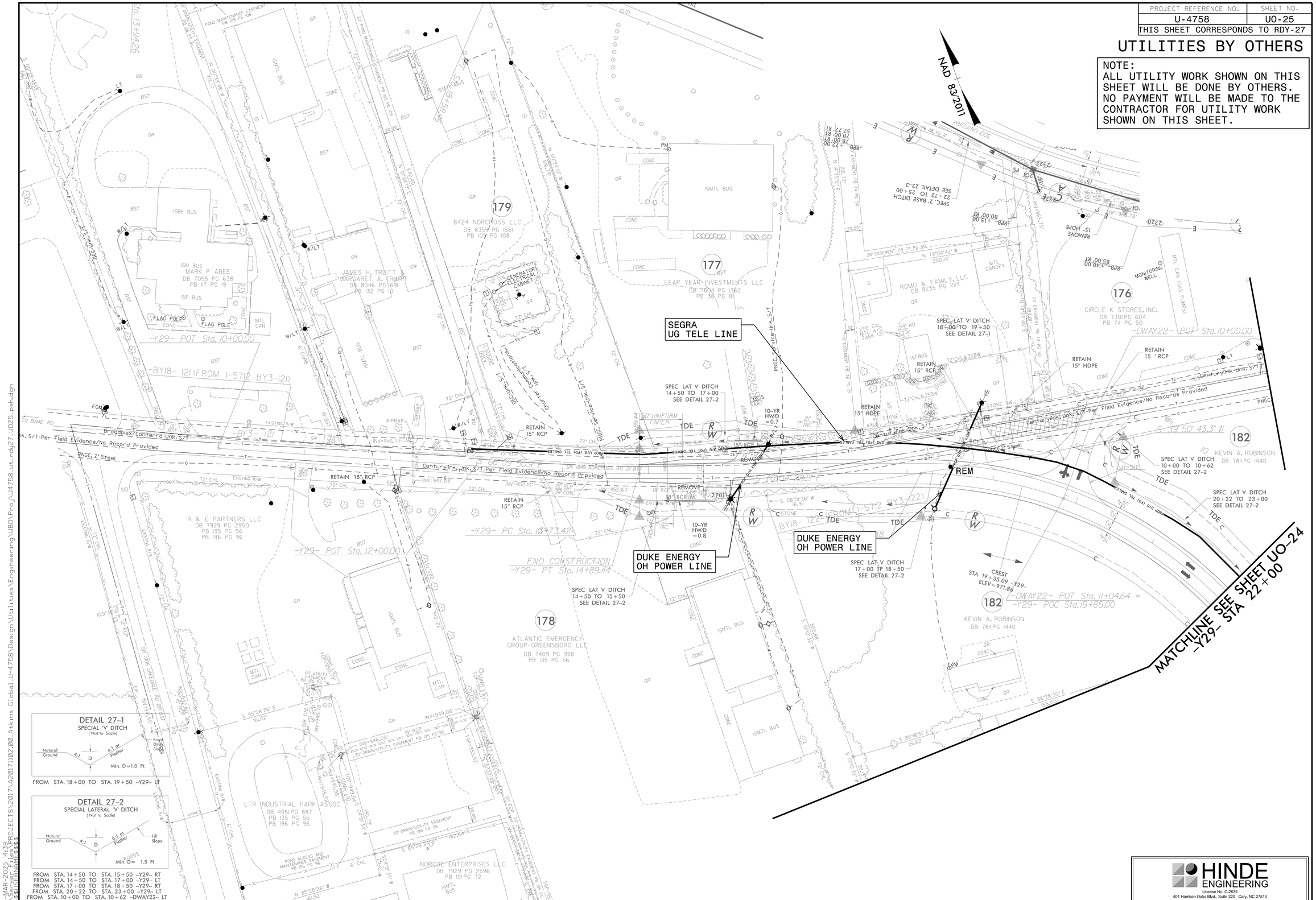

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USERNAME = s6mcrae

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