

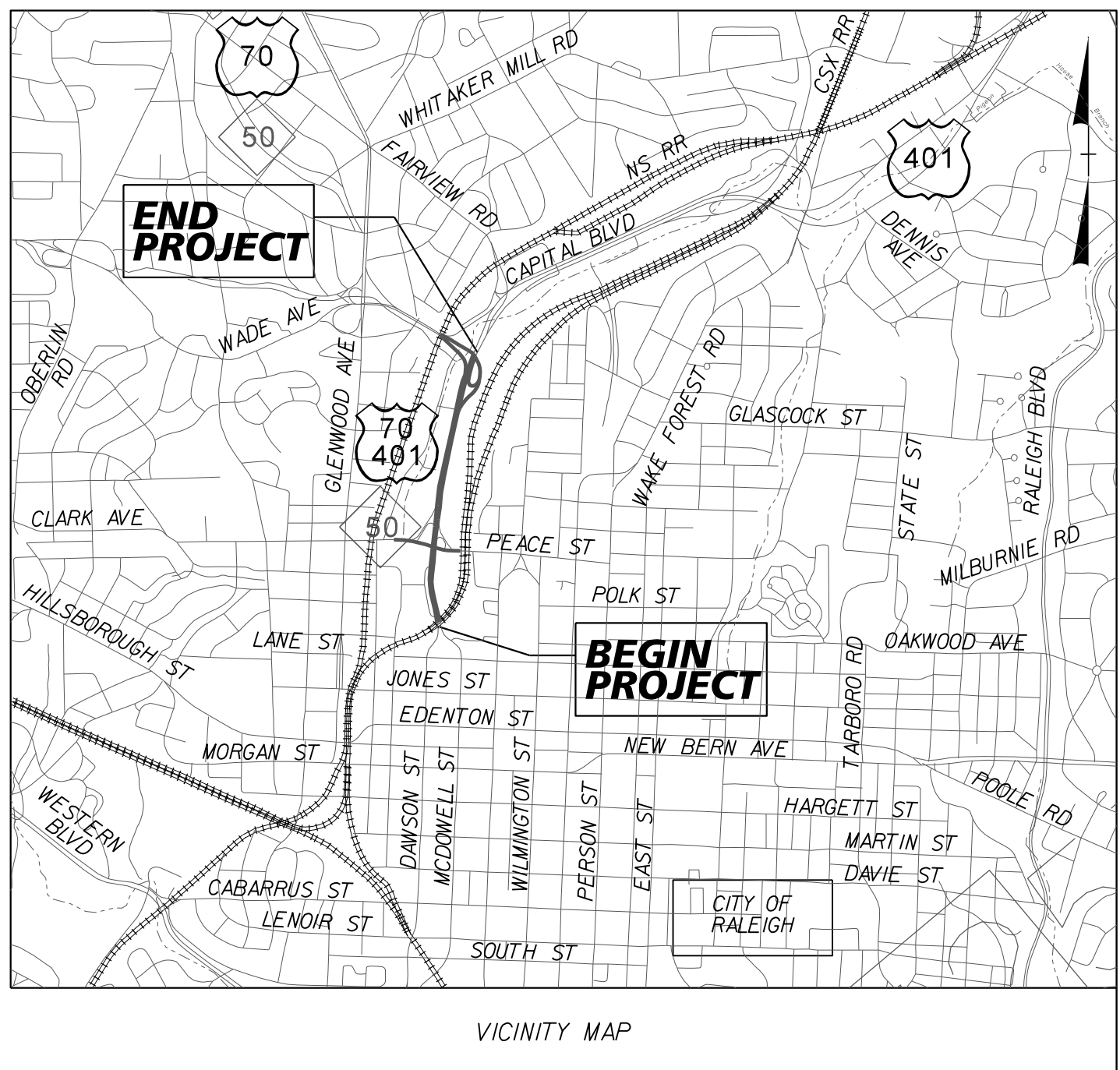
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09/28/99

**TIP PROJECT: B-5121 / B-5317**



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS  
WAKE COUNTY**

**LOCATION: BRIDGE NO. 277 ON US-70/US-401/NC-50 (CAPITAL BOULEVARD) OVER PEACE STREET  
AND BRIDGE NO. 213 ON US-70/NC-50 (WADE AVENUE) OVER US 401 (CAPITAL BOULEVARD)**

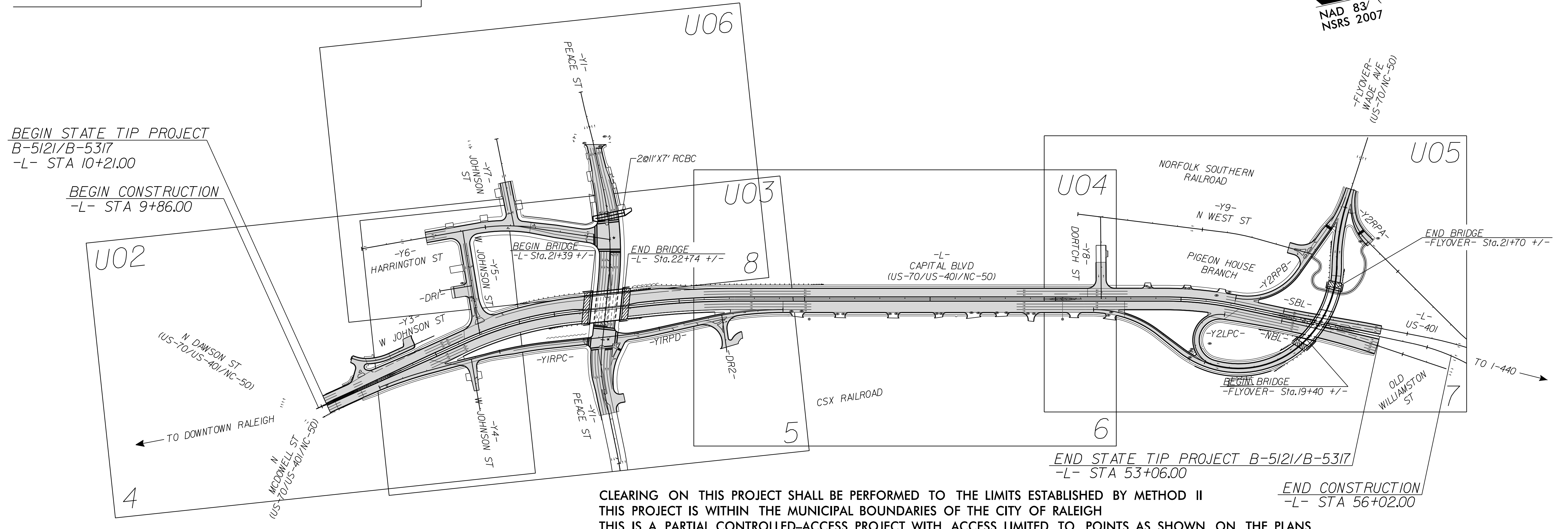
**TYPE OF WORK: UTILITIES RELOCATION**

T.I.P. NO.	SHEET NO.
B-5121/B-5317	UO-1

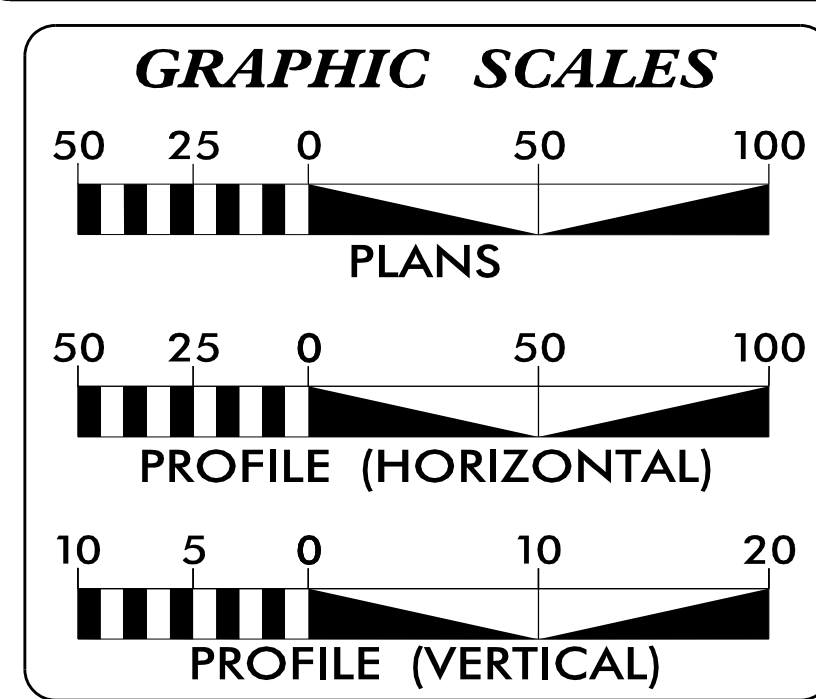
**WETHERILL ENGINEERING**

1223 Jones Franklin Rd.  
Raleigh, N.C. 27606  
License No. F-0377  
Bus: 919 851 8077  
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN  
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION  
John D. Schriener, PLS - UTILITY COORDINATOR



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



**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-6	UTILITY BY OTHERS PLAN SHEETS

- UTILITY OWNERS ON PROJECT**
- (A) PSNC (GAS)
  - (B) DUKE ENERGY (POWER TRANSMISSION)
  - (C) DUKE ENERGY (POWER DISTRIBUTION)
  - (D) AT&T (TELEPHONE)
  - (E) LEVEL 3 COMMUNICATIONS (PHONE)
  - (F) TIME WARNER CABLE (CATV)

PREPARED IN THE OFFICE OF:  
**DIVISION OF HIGHWAYS  
UTILITIES UNIT  
UTILITIES ENGINEERING**

1555 MAIL SERVICES CENTER  
RALEIGH, NC 27699-1555  
PHONE (919) 707-6690  
FAX (919) 250-4151

**Roger Worthington, P.E.** UTILITIES SECTION ENGINEER  
**Steve McKee, P.E.** UTILITIES SQUAD LEADER PROJECT ENGINEER  
**Jamshid Hafshejani, P.E.** UTILITIES PROJECT DESIGNER

\$\$\$ SYSTEM TIME \$\$\$  
\$\$\$ DDN \$\$\$  
\$\$\$ USERNAME \$\$\$

**CONTRACT:**

### UTILITIES BY OTHERS

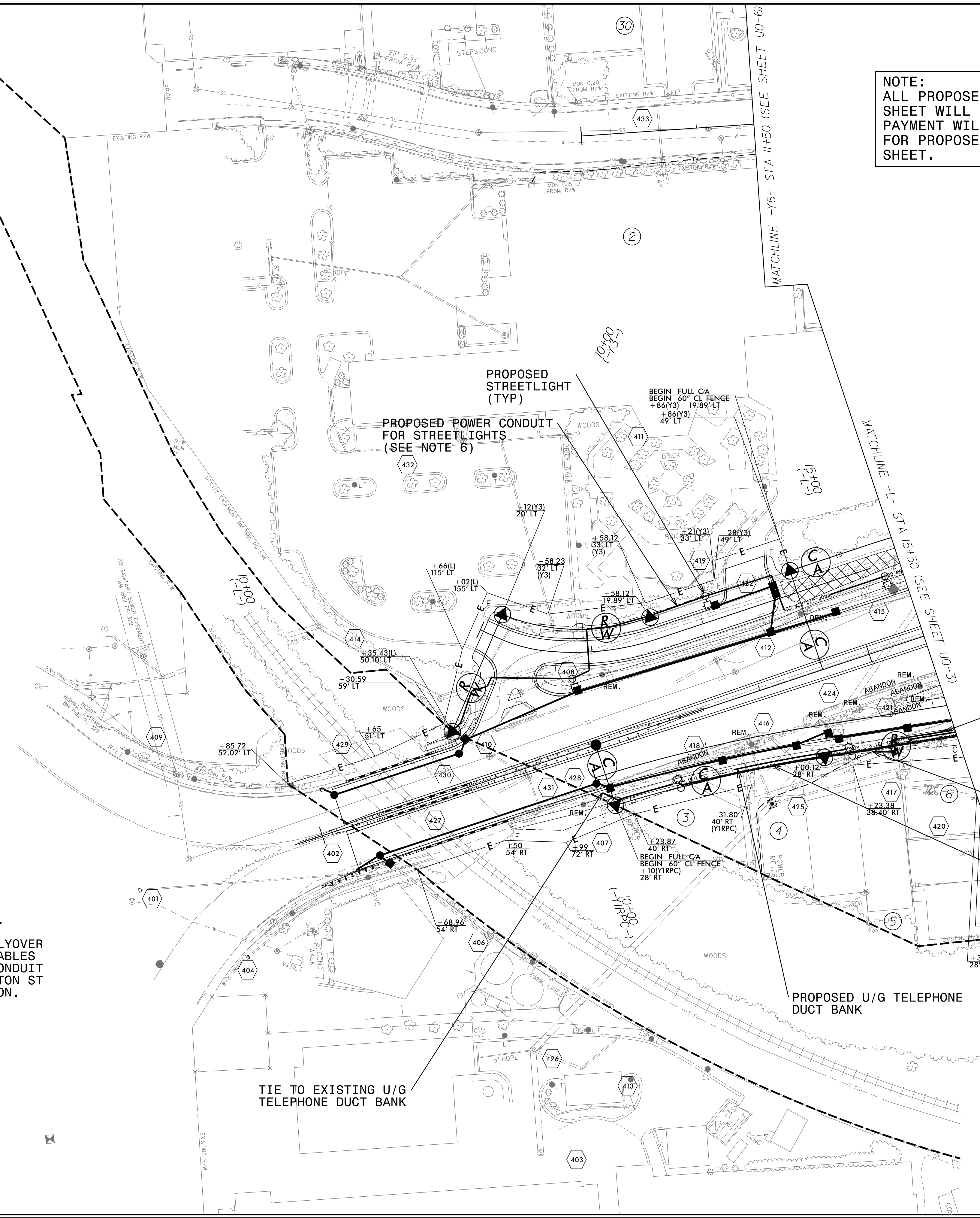
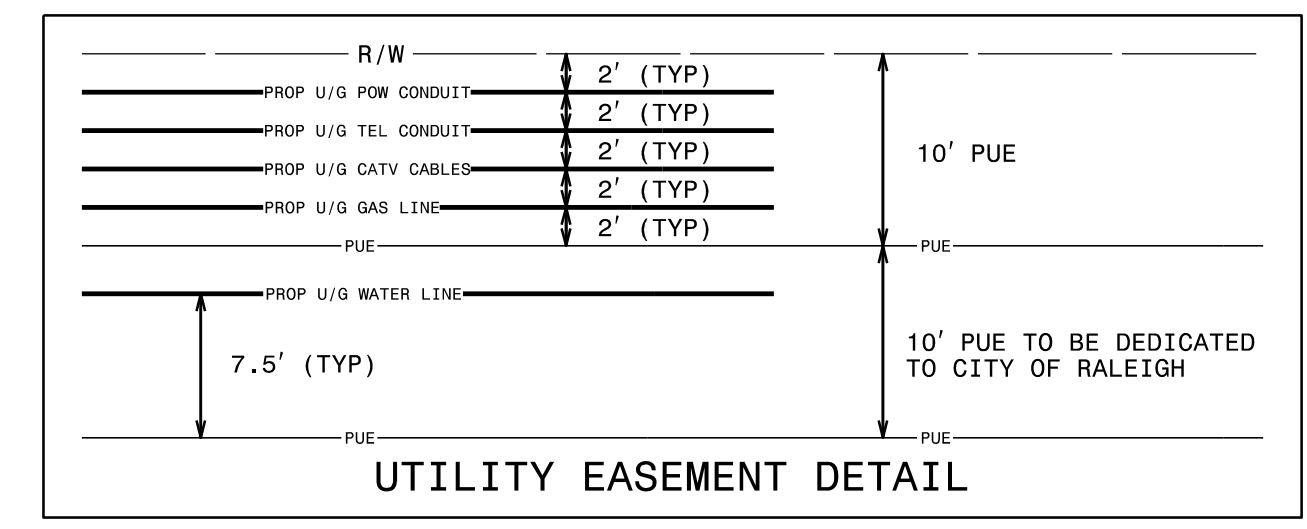
**NOTE:**  
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NAD 83/NSRS 2007

- ③ RALEIGH DEVL, LLC  
DB 12835 - PG 2740  
BM 1960 - PG 241
- ④ WILLIAM L. CARTER  
DB 6339 - PG 820  
BM 1979 - PG 560
- ⑤ WILLIAM L. CARTER, JR  
DB 4382 - PG 9
- ⑥ ED. CHARITABLE DVLPMTS  
PROJ, INC  
DB 7559 - PG 768

**NOTES:**

- SEE UTILITY EASEMENT DETAIL FOR UTILITY SPACING ALONG NORTHBOUND CAPITAL BOULEVARD.
- UTILITIES TO MAINTAIN DESIGNATED SPACING REGARDLESS OF THE PRESENCE OR ABSENCE OF OTHER UTILITIES.
- UTILITY SERVICE CONNECTIONS TO BE RESTORED AS REQUIRED. ACTUAL LOCATION OF SERVICE CONNECTIONS TO BE DETERMINED IN THE FIELD.
- PROPOSED U/G UTILITIES TO BE INSTALLED DEEP ENOUGH TO AVOID CONFLICT WITH PROPOSED DRAINAGE STRUCTURES.
- SEE UC PLAN SHEETS FOR WATER AND SEWER RELOCATION PLANS.
- U/G CONDUIT FOR STREETLIGHTS ON THE EAST AND WEST SIDES OF CAPITAL BLVD INCLUDING RAMP, LOOPS AND FLYOVER TO BE INSTALLED BY CONTRACTOR. STREETLIGHTS AND POWER CABLES TO BE INSTALLED BY DUKE ENERGY. STREETLIGHTING AND U/G CONDUIT FOR STREETLIGHTING AT PEACE ST, HARRINGTON ST AND JOHNSTON ST WILL BE INSTALLED BY DUKE ENERGY AFTER PROJECT COMPLETION. (SEE LIGHTING PLANS AND PROVISIONS FOR DETAILS)



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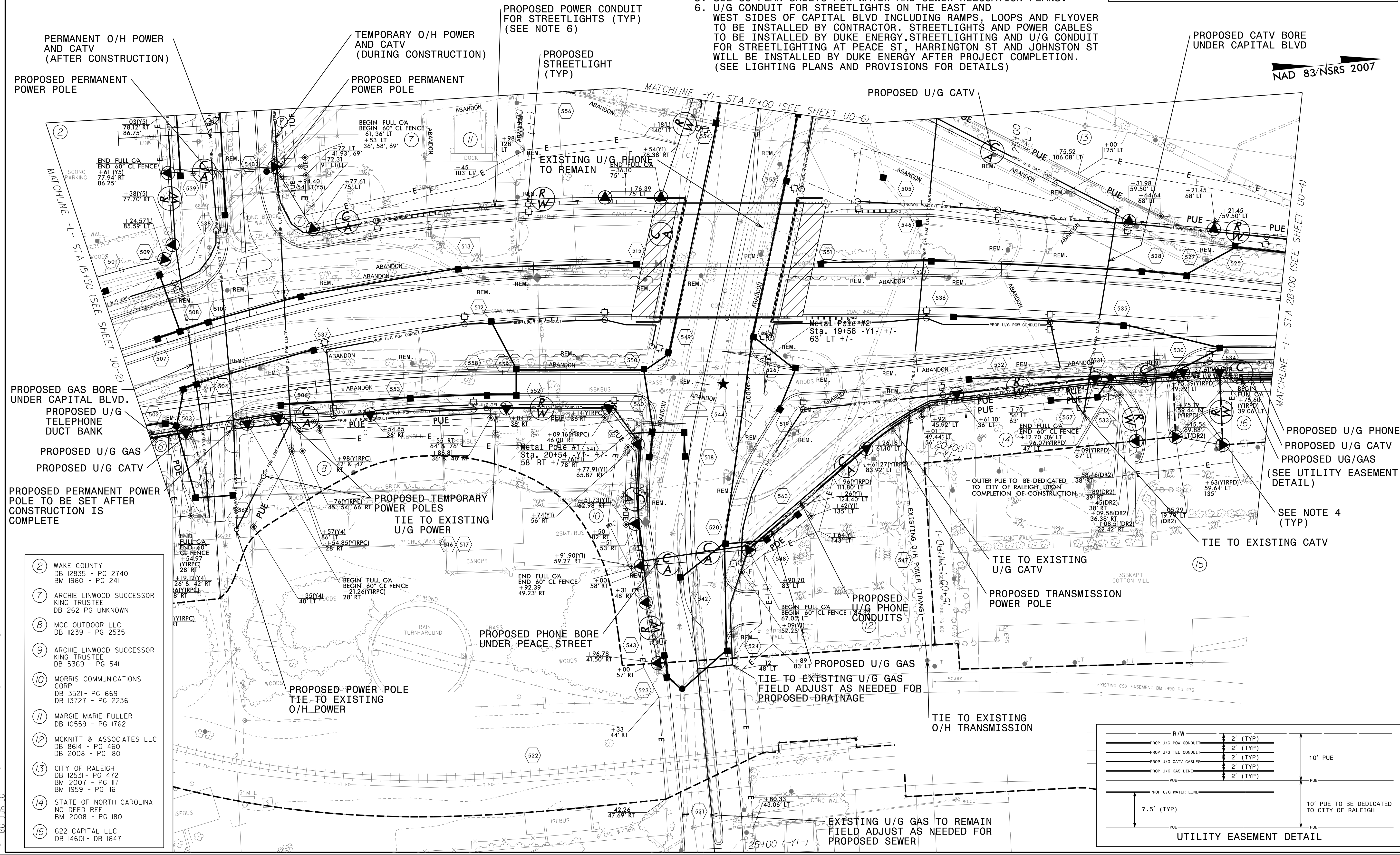
UTILITIES BY OTHERS

NOTES:

1. SEE UTILITY EASEMENT DETAIL FOR UTILITY SPACING ALONG NORTHBOUND CAPITAL BOULEVARD.
2. UTILITIES TO MAINTAIN DESIGNATED SPACING REGARDLESS OF THE PRESENCE OR ABSENCE OF OTHER UTILITIES.
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5. SEE UC PLAN SHEETS FOR WATER AND SEWER RELOCATION PLANS.
6. U/G CONDUIT FOR STREETLIGHTS ON THE EAST AND WEST SIDES OF CAPITAL BLVD INCLUDING RAMPS, LOOPS AND FLYOVER TO BE INSTALLED BY CONTRACTOR. STREETLIGHTS AND POWER CABLES TO BE INSTALLED BY DUKE ENERGY. STREETLIGHTING AND U/G CONDUIT FOR STREETLIGHTING AT PEACE ST, HARRINGTON ST AND JOHNSTON ST WILL BE INSTALLED BY DUKE ENERGY AFTER PROJECT COMPLETION. (SEE LIGHTING PLANS AND PROVISIONS FOR DETAILS)

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PERMANENT O/H POWER AND CATV (AFTER CONSTRUCTION)  
PROPOSED PERMANENT POWER POLE

TEMPORARY O/H POWER AND CATV (DURING CONSTRUCTION)  
PROPOSED PERMANENT POWER POLE

PROPOSED POWER CONDUIT FOR STREETLIGHTS (TYP) (SEE NOTE 6)  
PROPOSED STREETLIGHT (TYP)

PROPOSED CATV BORE UNDER CAPITAL BLVD

PROPOSED GAS BORE UNDER CAPITAL BLVD.  
PROPOSED U/G TELEPHONE DUCT BANK  
PROPOSED U/G GAS  
PROPOSED U/G CATV

PROPOSED PERMANENT POWER POLE TO BE SET AFTER CONSTRUCTION IS COMPLETE

PROPOSED TEMPORARY POWER POLES TIE TO EXISTING U/G POWER

PROPOSED U/G PHONE  
PROPOSED U/G CATV  
PROPOSED UG/GAS (SEE UTILITY EASEMENT DETAIL)

SEE NOTE 4 (TYP)

TIE TO EXISTING CATV

- 2 WAKE COUNTY DB 12835 - PG 2740 BM 1960 - PG 241
- 7 ARCHIE LINWOOD SUCCESSOR KING TRUSTEE DB 262 PG UNKNOWN
- 8 MCC OUTDOOR LLC DB 11239 - PG 2535
- 9 ARCHIE LINWOOD SUCCESSOR KING TRUSTEE DB 5369 - PG 541
- 10 MORRIS COMMUNICATIONS CORP DB 3521 - PG 669 DB 13727 - PG 2236
- 11 MARGIE MARIE FULLER DB 10559 - PG 1762
- 12 MCKNITT & ASSOCIATES LLC DB 8614 - PG 460 DB 2008 - PG 180
- 13 CITY OF RALEIGH DB 12531 - PG 472 BM 2007 - PG 117 BM 1959 - PG 116
- 14 STATE OF NORTH CAROLINA NO DEED REF BM 2008 - PG 180
- 16 622 CAPITAL LLC DB 14601 - DB 1647

PROPOSED PHONE BORE UNDER PEACE STREET

PROPOSED POWER POLE TIE TO EXISTING O/H POWER

PROPOSED U/G PHONE CONDUITS

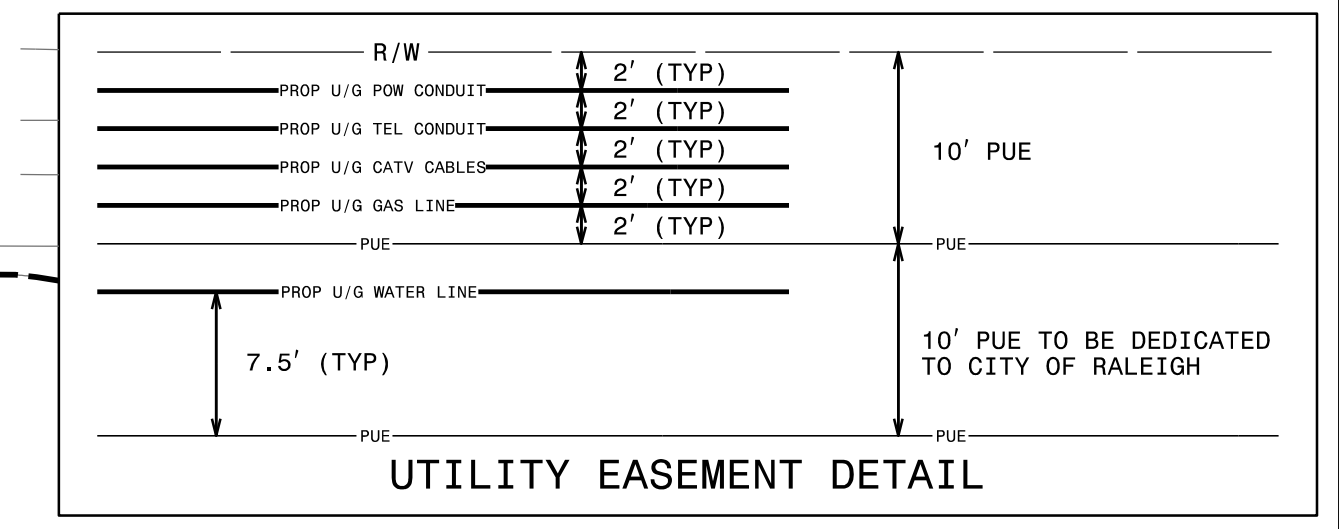
PROPOSED U/G GAS TIE TO EXISTING U/G GAS FIELD ADJUST AS NEEDED FOR PROPOSED DRAINAGE

TIE TO EXISTING U/G CATV

PROPOSED TRANSMISSION POWER POLE

TIE TO EXISTING O/H TRANSMISSION

EXISTING U/G GAS TO REMAIN FIELD ADJUST AS NEEDED FOR PROPOSED SEWER



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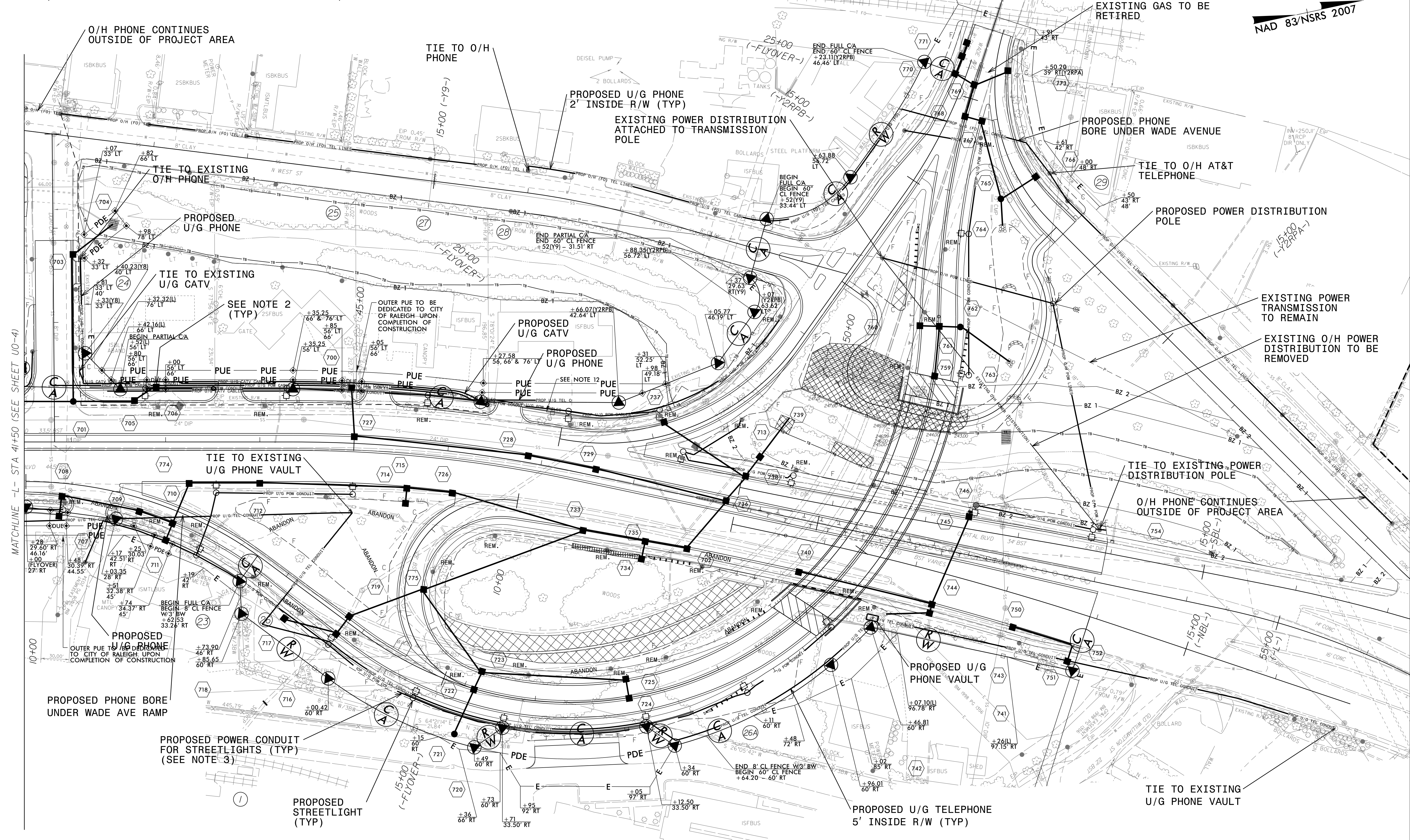
UTILITIES BY OTHERS

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NOTES:

- UTILITY SERVICE CONNECTIONS TO BE RESTORED AS REQUIRED. ACTUAL LOCATION OF SERVICE CONNECTIONS TO BE DETERMINED IN THE FIELD.
- PROPOSED U/G UTILITIES TO BE INSTALLED DEEP ENOUGH TO AVOID CONFLICT WITH PROPOSED DRAINAGE STRUCTURES.
- U/G CONDUIT FOR STREETLIGHTS ON THE EAST AND WEST SIDES OF CAPITAL BLVD INCLUDING RAMPS, LOOPS AND FLYOVER TO BE INSTALLED BY CONTRACTOR. STREETLIGHTS AND POWER CABLES TO BE INSTALLED BY DUKE ENERGY. STREETLIGHTING AND U/G CONDUIT FOR STREETLIGHTING AT PEACE ST, HARRINGTON ST AND JOHNSTON ST WILL BE INSTALLED BY DUKE ENERGY AFTER PROJECT COMPLETION. (SEE LIGHTING PLANS AND PROVISIONS FOR DETAILS)

- (26) LISTON E & SUSAN S MALPASS DB 7807 - PG 382 BM 2003 - PG 964
- (27) JOYNER'S REAL ESTATE HOLDINGS V LLC DB 15087 - PG 2007 BM 1959 - PG 262
- (28) ISABEL HUFMEYER DB 7807 - PG 382 BM 2003 - PG 964
- (29) SUZANNE ABERNETHY WILLIAM R RUGGLES DB 13227 - PG 452 BM 1958 - PG 10



MATCHLINE - L - STA 41+50 (SEE SHEET U0-4)

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UTILITIES BY OTHERS

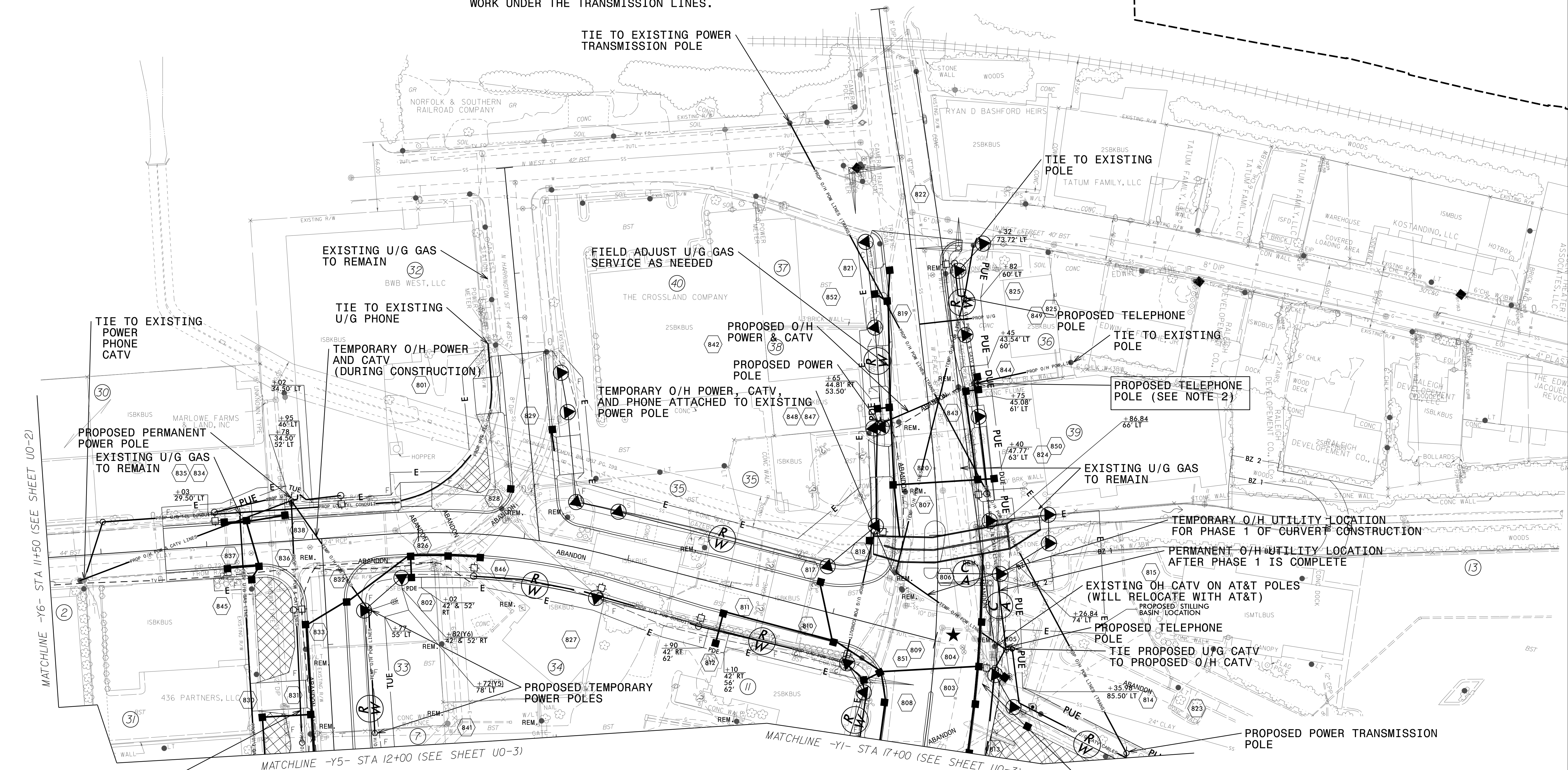
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NOTES:

- UTILITY SERVICE CONNECTIONS TO BE RESTORED AS REQUIRED. ACTUAL LOCATION OF SERVICE CONNECTIONS TO BE DETERMINED IN THE FIELD.
- CONTRACTOR TO COORDINATE WITH AT&T TO SUPPORT POLE WHILE PROPOSED DRAINAGE BOXES ARE BEING INSTALLED.
- PROPOSED U/G UTILITIES TO BE INSTALLED DEEP ENOUGH TO AVOID CONFLICT WITH PROPOSED DRAINAGE STRUCTURES.
- STREETLIGHTING AND U/G CONDUIT FOR STREETLIGHTING AT PEACE ST, HARRINGTON ST AND JOHNSTON ST WILL BE INSTALLED BY DUKE ENERGY AFTER PROJECT COMPLETION. (SEE LIGHTING PLANS AND PROVISIONS FOR DETAILS)
- THE CONTRACTOR MUST CONTACT MR. BRUCE PAIT WITH DUKE ENERGY ASSET PROTECTION (O: 919.329.5928 M: 919.219.9567 BRUCE.PAIT@DUKE-ENERGY.COM) TWO WEEKS PRIOR TO PERFORMING ANY WORK UNDER THE TRANSMISSION LINES.

33 HESTER & HESTER DB 8181 - PG 1853 BM 1885 - PG 104	36 EDWIN E FLYTHE, JR DB 3726 - PG 580 BM 1885 - PG 82 BM 1977 - PG 393	39 JAMES H ANDERSON CO DB 5940 - PG 289 BM 1993 - PG 1441
34 MANN FAMILY PROPERTIES OF RALEIGH DB 11802 - PG 1658	37 RICHARD GARDNER DB 8613 - PG 2425	41 ARCHIE LINWOOD KING SUCCESSOR TRUSTEE DB 5369 - PG 541 BM 1947 - PG 73
35 CHAUCEY INVESTMENTS INC DB 13332 - PG 957 BM 1997 - PG 799	38 MARGARET ALTMAN MANN DB 2989 - PG 318	

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