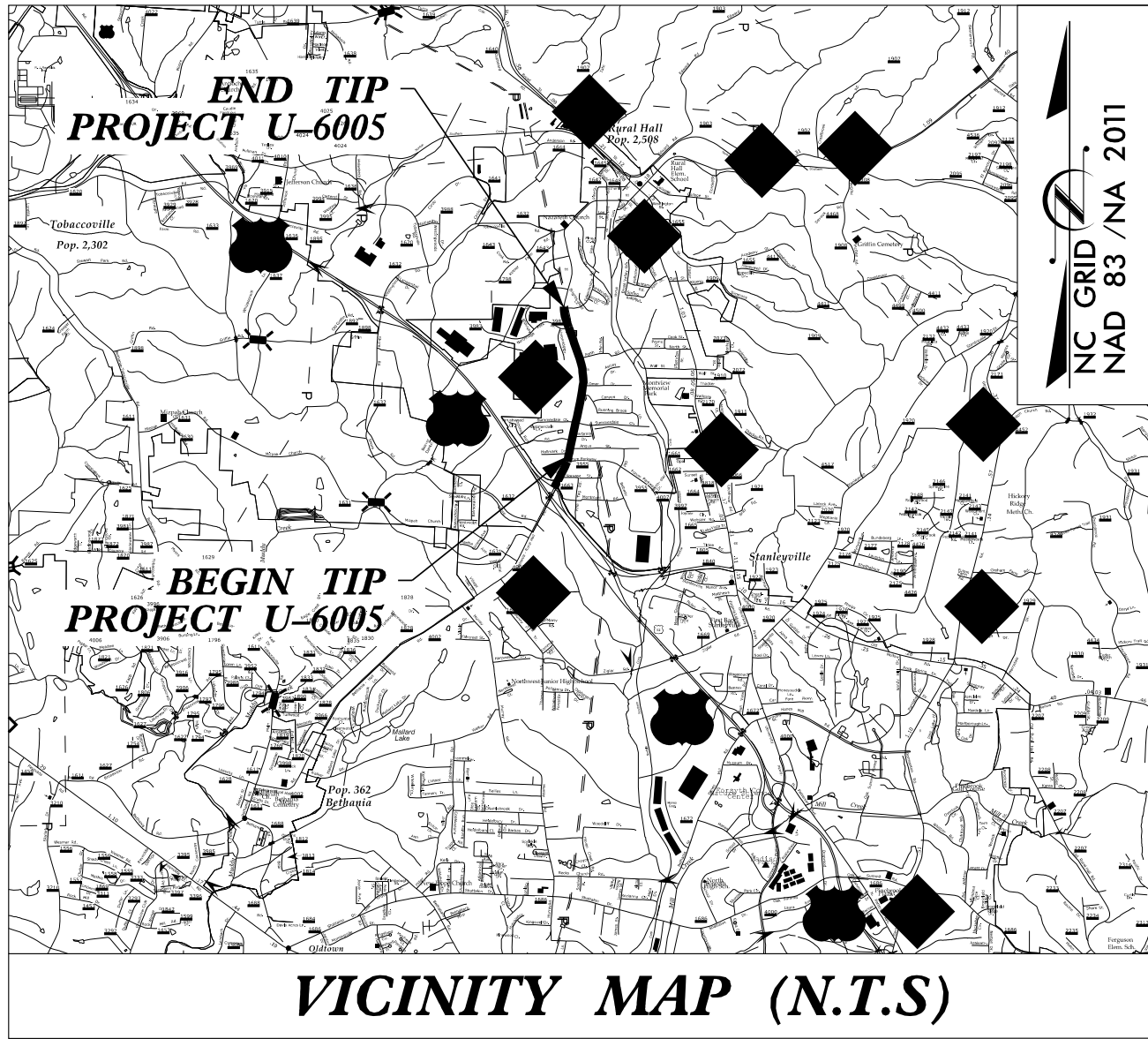


TRANSP:\31639-02\UTILITIES\U-6500_UT_L001.DGN

TIP PROJECT: U-6005

See Sheet 1A For Index of Sheets



VICINITY MAP (N.T.S)

25% PRELIMINARY PLANS

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

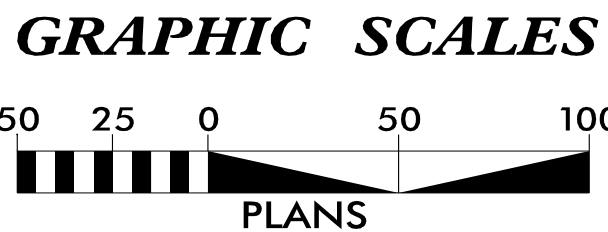
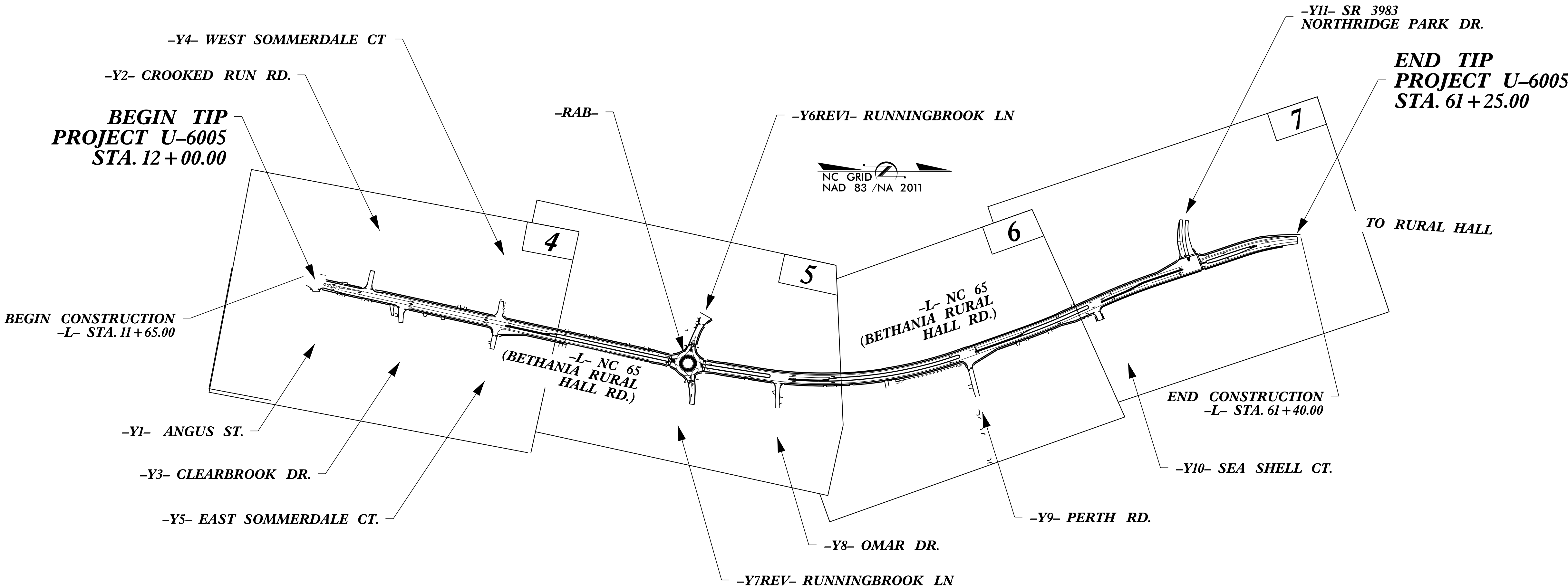
UTILITIES BY OTHERS PLANS
FORSYTH COUNTY

LOCATION: NC 65 FROM ANGUS STREET TO
NORTHRIDGE PARK DRIVE

TYPE OF WORK: UTILITY RELOCATION PLANS

T.I.P.NO.	SHEET NO.
U-6005	UO-1

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.



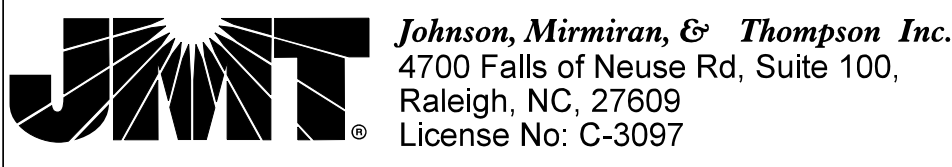
INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-2 THRU UO-3	UBO SYMBOLOGY SHEETS
UO-4 THRU UO-7	UBO PLAN SHEETS

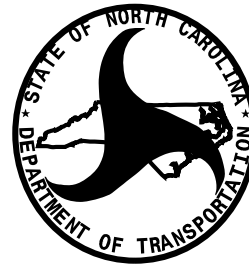
UTILITY OWNERS WITH CONFLICTS

- (A) POWER - DUKE ENERGY
- (B) TELECOMMUNICATIONS - AT&T
- (C) CATV - CHARTER/SPECTRUM
- (D) FIBER - WINDSTREAM
- (E) NATURAL GAS - PIEDMONT NATURAL GAS

PREPARED IN THE OFFICE OF:



Brett Abernathy	PROJECT ENGINEER
Nick Asaro	UTILITY PROJECT MANAGER
Will Matthews	PROJECT UTILITY COORDINATOR



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

Ryan Newcomb	DIVISION PROJECT ENGINEER
Josh McMahan	DIVISION UTILITIES ENGINEER
Lou Porter	DIVISION UTILITIES COORDINATOR

5/14/99

2/13/2005 4:53:32 PM
U:\sect\improvements\02.DONOTUSE.dgn

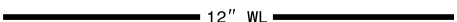
REV: 2/1/2012

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
U-6005	U0-2

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	
11¼ Degree Bend	
22½ Degree Bend	
45 Degree Bend	
90 Degree Bend	
Plug	
Tee	
Cross	
Reducer	
Gate Valve	
Butterfly Valve	
Tapping Valve	
Line Stop	
Line Stop with Bypass	
Blow Off	
Fire Hydrant	
Relocate Fire Hydrant	
Remove Fire Hydrant	REM FH
Water Meter	
Relocate Water Meter	
Remove Water Meter	REM WM
Water Pump Station	
RPZ Backflow Preventer	
DCV Backflow Preventer	
Relocate RPZ Backflow Preventer	
Relocate DCV Backflow Preventer	

PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)	
Force Main Sewer Line (Sized as Shown)	
Manhole (Sized per Note)	
Sewer Pump Station	

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

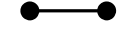
Power Pole	
Telephone Pole	
Joint Use Pole	
Telephone Pedestal	
Utility Line by Others (Type as Shown)	
Trenchless Installation	
Encasement by Open Cut	
Encasement	

Thrust Block	
Air Release Valve	
Utility Vault	
Concrete Pier	
Steel Pier	
Plan Note	
Pay Item Note	

NOTE

PAY ITEM

EXISTING UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Utility Pole	
Utility Pole with Base	
H-Frame Pole	
Power Transmission Line Tower	
Water Manhole	
Power Manhole	
Telephone Manhole	
Sanitary Sewer Manhole	
Hand Hole for Cable	
Power Transformer	
Telephone Pedestal	
CATV Pedestal	
Gas Valve	
Gas Meter	
Located Miscellaneous Utility Object	
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

*Underground Power Line	
*Underground Telephone Cable	
*Underground Telephone Conduit	
*Underground Fiber Optics Telephone Cable	
*Underground TV Cable	
*Underground Fiber Optics TV Cable	
*Underground Gas Pipeline	
Aboveground Gas Pipeline	
*Underground Water Line	
Aboveground Water Line	
*Underground Gravity Sanitary Sewer Line	
Aboveground Gravity Sanitary Sewer Line	
*Underground SS Forced Main Line	
Underground Unknown Utility Line	
SUE Test Hole	
Water Meter	
Water Valve	
Fire Hydrant	
Sanitary Sewer Cleanout	

*For Existing Utilities	
Utility Line Drawn from Record (Type as Shown)	
Designated Utility Line (Type as Shown)	

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS
CONVENTIONAL PLAN SHEET SYMBOLS

PROJECT REFERENCE NO.	SHEET NO.
U-6005	U0-3

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EIP
Computed Property Corner	-----X
Property Monument	□ EDM
Parcel/Sequence Number	⑩23
Existing Fence Line	-X-X-X-
Proposed Woven Wire Fence	-----○-----
Proposed Chain Link Fence	-----□-----
Proposed Barbed Wire Fence	-----◇-----
Existing Wetland Boundary	-----WLB-----
Proposed Wetland Boundary	-----WLB-----
Existing Endangered Animal Boundary	-----EAB-----
Existing Endangered Plant Boundary	-----EPB-----
Existing Historic Property Boundary	-----HPB-----
Known Contamination Area: Soil	-----☠-----S-----☠-----
Potential Contamination Area: Soil	-----?-----S-----?
Known Contamination Area: Water	-----☠-----W-----☠-----
Potential Contamination Area: Water	-----?-----W-----?
Contaminated Site: Known or Potential	-----☠-----?

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
Small Mine	✂
Foundation	□
Area Outline	□
Cemetery	□ +
Building	□
School	□
Church	□
Dam	-----

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
Jurisdictional Stream	-----JS-----
Buffer Zone 1	-----BZ 1-----
Buffer Zone 2	-----BZ 2-----
Flow Arrow	-----<-----
Disappearing Stream	----->-----
Spring	-----
Wetland	-----
Proposed Lateral, Tail, Head Ditch	-----
False Sump	-----

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	-----
Switch	-----
RR Abandoned	-----
RR Dismantled	-----

RIGHT OF WAY & PROJECT CONTROL:

Secondary Horiz and Vert Control Point	◆
Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	●
Exist Permanent Easment Pin and Cap	◇
New Permanent Easement Pin and Cap	◆
Vertical Benchmark	▲
Existing Right of Way Marker	△
Existing Right of Way Line	-----
New Right of Way Line	-----
New Right of Way Line with Pin and Cap	-----
New Right of Way Line with Concrete or Granite R/W Marker	-----
New Control of Access Line with Concrete C/A Marker	-----
Existing Control of Access	-----
New Control of Access	-----
Existing Easement Line	-----E-----
New Temporary Construction Easement	-----E-----
New Temporary Drainage Easement	-----TDE-----
New Permanent Drainage Easement	-----PDE-----
New Permanent Drainage /Utility Easement	-----DUE-----
New Permanent Utility Easement	-----PUE-----
New Temporary Utility Easement	-----TUE-----
New Aerial Utility Easement	-----AUE-----

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----C-----
Proposed Slope Stakes Fill	-----F-----
Proposed Curb Ramp	-----
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	-----
Pavement Removal	-----

VEGETATION:

Single Tree	-----
Single Shrub	-----

*S.U.E. = Subsurface Utility Engineering

Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	-----

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	-----
Bridge Wing Wall, Head Wall and End Wall	-----
MINOR:	
Head and End Wall	-----
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	-----
Paved Ditch Gutter	-----
Storm Sewer Manhole	-----
Storm Sewer	-----

UTILITIES:

POWER:	
Existing Power Pole	-----
Proposed Power Pole	-----
Existing Joint Use Pole	-----
Proposed Joint Use Pole	-----
Power Manhole	-----
Power Line Tower	-----
Power Transformer	-----
U/G Power Cable Hand Hole	-----
H-Frame Pole	-----
U/G Power Line LOS B (S.U.E.*)	-----
U/G Power Line LOS C (S.U.E.*)	-----
U/G Power Line LOS D (S.U.E.*)	-----

TELEPHONE:

Existing Telephone Pole	-----
Proposed Telephone Pole	-----
Telephone Manhole	-----
Telephone Pedestal	-----
Telephone Cell Tower	-----
U/G Telephone Cable Hand Hole	-----
U/G Telephone Cable LOS B (S.U.E.*)	-----
U/G Telephone Cable LOS C (S.U.E.*)	-----
U/G Telephone Cable LOS D (S.U.E.*)	-----
U/G Telephone Conduit LOS B (S.U.E.*)	-----
U/G Telephone Conduit LOS C (S.U.E.*)	-----
U/G Telephone Conduit LOS D (S.U.E.*)	-----
U/G Fiber Optics Cable LOS B (S.U.E.*)	-----
U/G Fiber Optics Cable LOS C (S.U.E.*)	-----
U/G Fiber Optics Cable LOS D (S.U.E.*)	-----

WATER:

Water Manhole	-----
Water Meter	-----
Water Valve	-----
Water Hydrant	-----
U/G Water Line LOS B (S.U.E.*)	-----
U/G Water Line LOS C (S.U.E.*)	-----
U/G Water Line LOS D (S.U.E.*)	-----
Above Ground Water Line	-----

TV:

TV Pedestal	-----
TV Tower	-----
U/G TV Cable Hand Hole	-----
U/G TV Cable LOS B (S.U.E.*)	-----
U/G TV Cable LOS C (S.U.E.*)	-----
U/G TV Cable LOS D (S.U.E.*)	-----
U/G Fiber Optic Cable LOS B (S.U.E.*)	-----
U/G Fiber Optic Cable LOS C (S.U.E.*)	-----
U/G Fiber Optic Cable LOS D (S.U.E.*)	-----

GAS:

Gas Valve	-----
Gas Meter	-----
U/G Gas Line LOS B (S.U.E.*)	-----
U/G Gas Line LOS C (S.U.E.*)	-----
U/G Gas Line LOS D (S.U.E.*)	-----
Above Ground Gas Line	-----

SANITARY SEWER:

Sanitary Sewer Manhole	-----
Sanitary Sewer Cleanout	-----
U/G Sanitary Sewer Line	-----
Above Ground Sanitary Sewer	-----
SS Forced Main Line LOS B (S.U.E.*)	-----
SS Forced Main Line LOS C (S.U.E.*)	-----
SS Forced Main Line LOS D (S.U.E.*)	-----

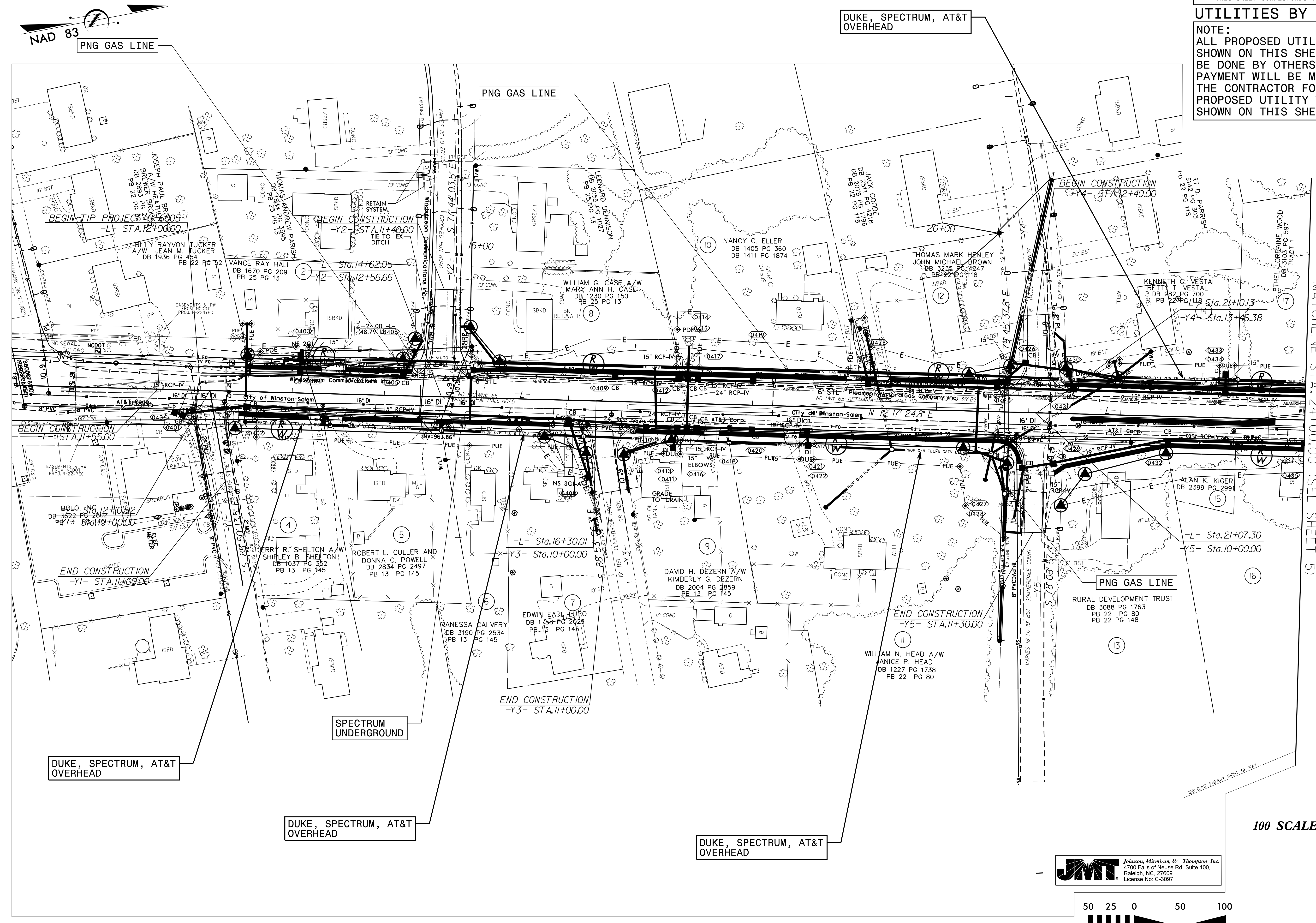
MISCELLANEOUS:

Utility Pole	-----
Utility Pole with Base	-----
Utility Located Object	-----
Utility Traffic Signal Box	-----
Utility Unknown U/G Line LOS B (S.U.E.*)	-----
U/G Tank; Water, Gas, Oil	-----
Underground Storage Tank, Approx. Loc.	-----
A/G Tank; Water, Gas, Oil	-----
Geoenviromental Boring	-----
U/G Test Hole LOS A (S.U.E.*)	-----
Abandoned According to Utility Records	-----
End of Information	-----

PROJECT REFERENCE NO.	SHEET NO.
U-6005	U0-4
THIS SHEET CORRESPONDS TO RDY-04	

UTILITIES BY OTHERS

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



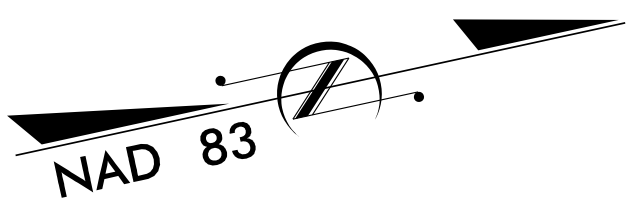
MATCHLINE STA. 24+00.00 (SEE SHEET 5)

100 SCALE 11X17

JMT Johnson, Mirmiran, & Thompson Inc.
4700 Falls of Neuse Rd, Suite 100,
Raleigh, NC, 27609
License No. C-3097



TRANSP. 31639-02 UTILITIES\U6000_UT_PSH4_U04.DGN



PROJECT REFERENCE NO.	SHEET NO.
U-6005	U0-5
THIS SHEET CORRESPONDS TO RDY-05	

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS. NO
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PROPOSED UTILITY WORK
SHOWN ON THIS SHEET.

MATCHLINE STA 24+00.00 (SEE SHEET 4)

MATCHLINE STA 38+00.00 (SEE SHEET 6)

DUKE, SPECTRUM, AT&T
OVERHEAD

DUKE, SPECTRUM, AT&T
OVERHEAD

DUKE, SPECTRUM, AT&T
OVERHEAD

AT&T
OVERHEAD

PNG GAS LINE

PNG GAS LINE

PNG TO TIE
INTO EXISTING

PNG GAS LINE

PNG GAS LINE

PNG GAS LINE

BEGIN CONSTRUCTION
-Y6- STA.10+30.00

END CONSTRUCTION
-Y7- STA.12+00.00

END CONSTRUCTION
-Y8- STA.11+10.00

ETHEL LORRAINE WOOD
DB 3103 PG 597
TRACT 1

KATHERINE D. WAGNER
DB 2962 PG 125

LAVADA ARIEL CLAYTON
DB 3186 PG 3232

LYNN F. WILSON
DB 3217 PG 3289

KIMBERLY HILL HICKS
DB 3103 PG 597

BITTING HALL
HOMEOWNERS ASSOCIATION INC.
DB 2866 PG 4490

RACHEL WILMOTH
DB RE3036 PG 2314

CHARLES SANDS
DB RE3036 PG 2299

ALAN K. KIGER
A/W MONICA S. KIGER
DB 2330 PG 1273
PB 11 PG 231

GRIDLEY INVESTMENT PROPERTIES, LLC
DB 3204 PG 1463
PB 11 PG 231

DONALD W. MILTON
DB 2290 PG 2813

KRISTIN K. SIMMS
DB 1741 PG 1059

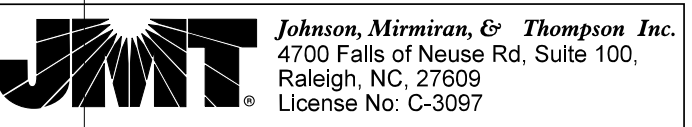
RANDY C. PATERSON
DB 3242 PG 1568

Y7- STA.12+00.00
-Y8- STA.11+10.00

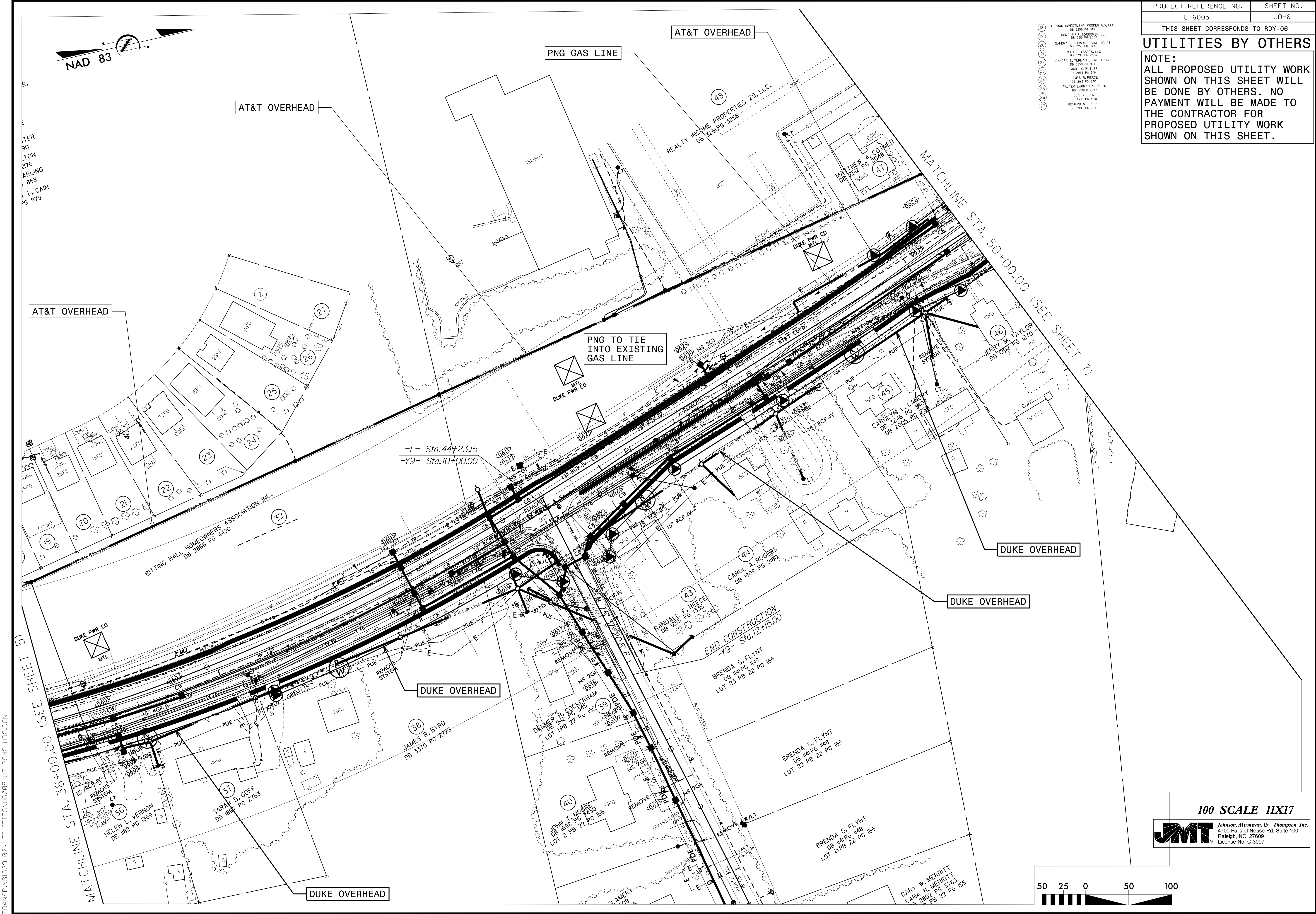
-Y8- POT Sta.10+00.00

-Y8- Sta.13+07.83

100 SCALE 11X17



TRANSP:\31639-02\UTILITIES\U6005_UT_PSH5_U05.DGN



PROJECT REFERENCE NO.	SHEET NO.
U-6005	U0-6
THIS SHEET CORRESPONDS TO RDY-06	

UTILITIES BY OTHERS

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

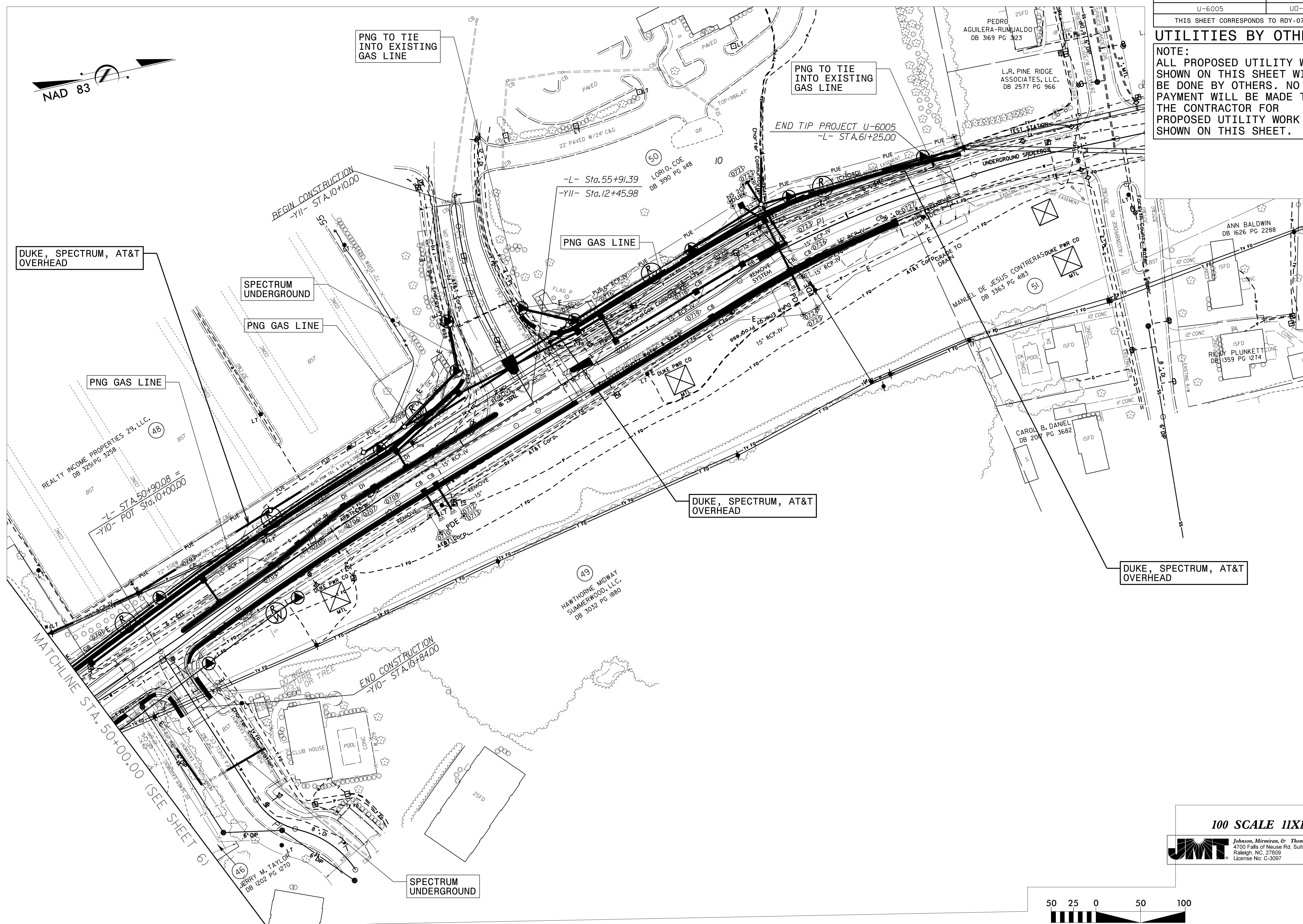
- (8) TURMAN INVESTMENT PROPERTIES, LLC.
- (9) HOME S.F. S. BORROWER, LLC.
- (10) SANDRA S. TURMAN LIVING TRUST
- (11) SANDRA S. TURMAN LIVING TRUST
- (12) SANDRA S. TURMAN LIVING TRUST
- (13) SANDRA S. TURMAN LIVING TRUST
- (14) SANDRA S. TURMAN LIVING TRUST
- (15) SANDRA S. TURMAN LIVING TRUST
- (16) SANDRA S. TURMAN LIVING TRUST
- (17) SANDRA S. TURMAN LIVING TRUST

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JMT Johnson, Mirmiran, & Thompson Inc.
4700 Falls of Neuse Rd, Suite 100,
Raleigh, NC 27609
License No: C-3097



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