

**This electronic collection of documents is provided  
for the convenience of the user  
and is Not a Certified Document –**

**The documents contained herein were originally issued  
and sealed by the individuals whose names and license  
numbers appear on each page, on the dates appearing  
with their signature on that page.**

**This file or an individual page  
shall not be considered a certified document.**

06/08/99

**TIP PROJECT: W-5512**

**CONTRACT:**

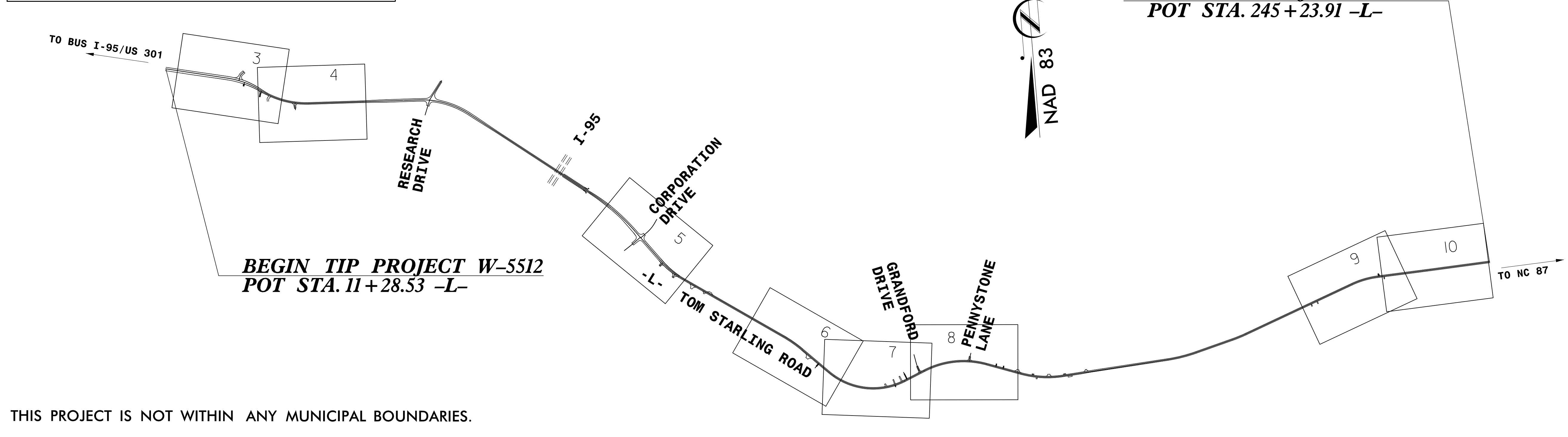
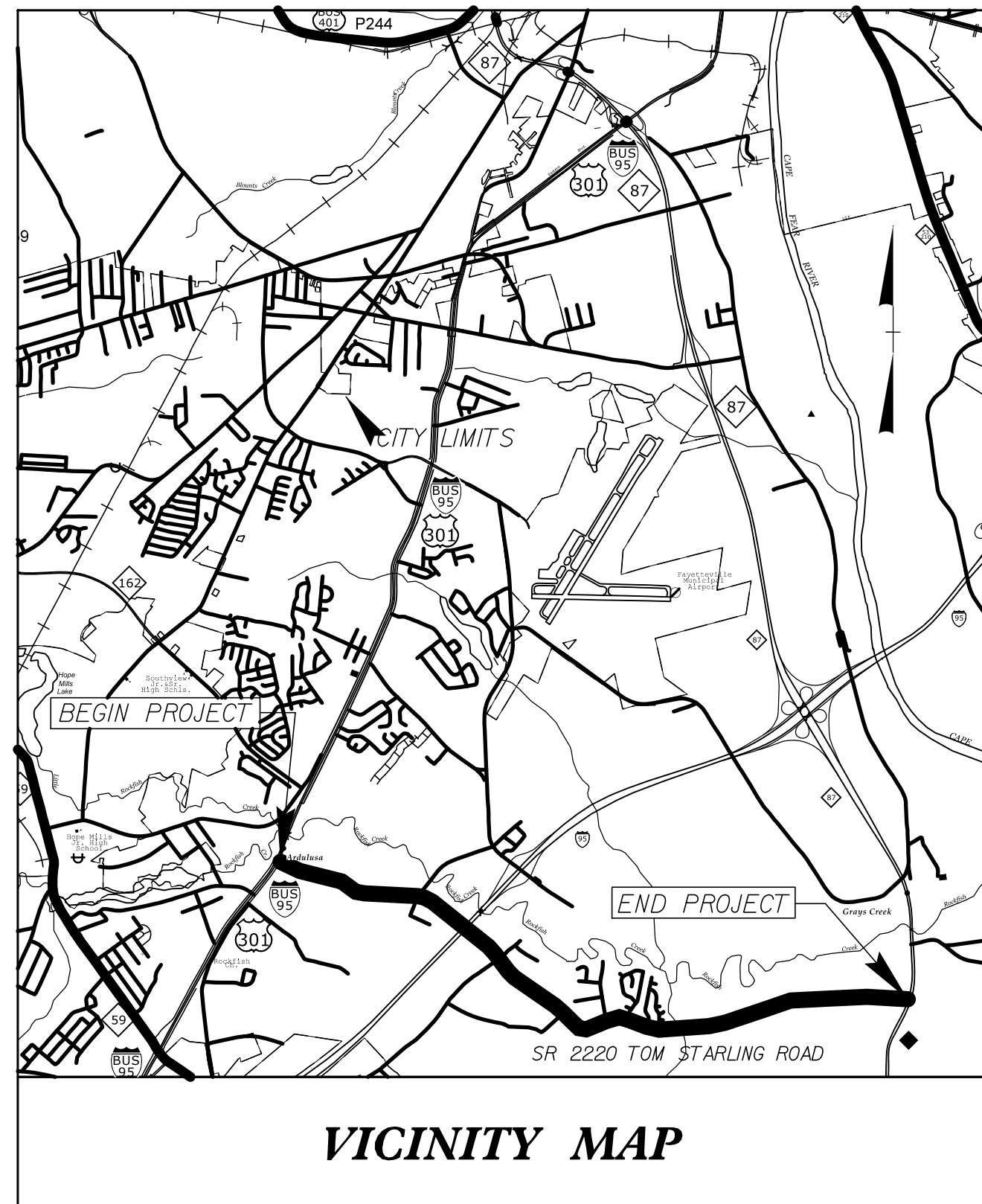
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

T.I.P. NO.	SHEET NO.
W-5512	UO-1

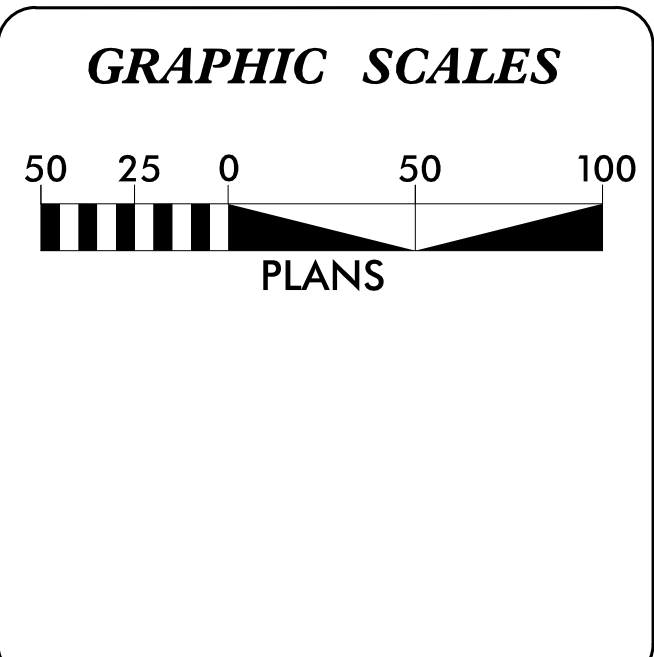
# UTILITY BY OTHERS PLANS CUMBERLAND COUNTY

LOCATION: SR 2220 (TOM STARLING ROAD) FROM US 301  
TO NC 87.

TYPE OF WORK: AERIAL AND BURIED UTILITIES



THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES.



INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
UO-01	TITLE SHEET
UO-02	INDEX
UO-03 THRU UO-10	UBO SHEETS

UTILITY OWNERS ON PROJECT
(1) POWER: MAIN- FAYETTEVILLE PWC, JIM CLINE 910-233-4523
(2) POWER: DUKE ENERGY, JB JONES 910-206-1966
(3) POWER: S. RIVER PWC, SCOTT BYRD 910-892-8071
(4) TELEPHONE: CENTURYLINK, KEVIN GODWIN 910-366-2142
(5) CABLE: TIME WARNER CABLE, TONY MLYNSKI 910-303-2266
(6) WATER: FAYETTEVILLE PWC, JOHN ALLEN 910-223-4734
(7) GAS: PIEDMONT NATURAL GAS, DOUG WARD 910-321-2908

PLANS PREPARED BY:

3220 GLEN ROYAL RD., RALEIGH, NC 27617  
TELE 919.788.0224 FAX 919.788.0232  
NC LICENSE #P-0189

UTILITIES PROJECT ENGINEER

Eric M. Tweed, P.E.

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

\$\$\$\$\$ SYSTEMS\$\$\$\$\$  
\$\$\$\$\$ DGN\$\$\$\$\$  
\$\$\$\$\$ USERNAME\$\$\$\$\$

*Note: Not to Scale*

\*S.U.E. = *Subsurface Utility Engineering*

# CONVENTIONAL PLAN SHEET SYMBOLS

## BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	⊙ EIP
Property Corner	-----
Property Monument	⊠ ECM
Parcel/Sequence Number	Ⓜ 123
Existing Fence Line	-----
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
Known Soil Contamination: Area or Site	☠ ☠
Potential Soil Contamination: Area or Site	☠ ?

## BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	Ⓢ
Well	Ⓦ
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:

Baseline Control Point	◆
Existing Right of Way Marker	△
Existing Right of Way Line	-----
Proposed Right of Way Line	-----
Proposed Right of Way Line with Iron Pin and Cap Marker	-----
Proposed Right of Way Line with Concrete or Granite RW Marker	-----
Proposed Control of Access Line with Concrete CA Marker	-----
Existing Control of Access	-----
Proposed Control of Access	-----
Existing Easement Line	-----
Proposed Temporary Construction Easement	-----
Proposed Temporary Drainage Easement	----- TDE
Proposed Permanent Drainage Easement	----- PDE
Proposed Permanent Drainage / Utility Easement	----- DUE
Proposed Permanent Utility Easement	----- PUE
Proposed Temporary Utility Easement	----- TUE
Proposed Aerial Utility Easement	----- AUE
Proposed Permanent Easement with Iron Pin and Cap Marker	-----

## ROADS AND RELATED FEATURES:

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

## VEGETATION:

Single Tree	⊕
Single Shrub	⊕
Hedge	-----
Woods Line	-----

Orchard	-----
Vineyard	-----

## EXISTING STRUCTURES:

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

## 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	●
Recorded U/G Power Line	----- P
Designated U/G Power Line (S.U.E.*)	----- P

## TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	Ⓜ
Telephone Booth	Ⓜ
Telephone Pedestal	Ⓜ
Telephone Cell Tower	Ⓜ
U/G Telephone Cable Hand Hole	Ⓜ
Recorded U/G Telephone Cable	----- T
Designated U/G Telephone Cable (S.U.E.*)	----- T
Recorded U/G Telephone Conduit	----- TC
Designated U/G Telephone Conduit (S.U.E.*)	----- TC
Recorded U/G Fiber Optics Cable	----- T FO
Designated U/G Fiber Optics Cable (S.U.E.*)	----- T FO

## WATER:

Water Manhole	Ⓜ
Water Meter	Ⓜ
Water Valve	Ⓜ
Water Hydrant	Ⓜ
Recorded U/G Water Line	-----
Designated U/G Water Line (S.U.E.*)	-----
Above Ground Water Line	----- A/G Water

## TV:

TV Satellite Dish	Ⓜ
TV Pedestal	Ⓜ
TV Tower	Ⓜ
U/G TV Cable Hand Hole	Ⓜ
Recorded U/G TV Cable	----- TV
Designated U/G TV Cable (S.U.E.*)	----- TV
Recorded U/G Fiber Optic Cable	----- TV FO
Designated U/G Fiber Optic Cable (S.U.E.*)	----- TV FO

## GAS:

Gas Valve	Ⓜ
Gas Meter	Ⓜ
Recorded U/G Gas Line	----- G
Designated U/G Gas Line (S.U.E.*)	----- G
Above Ground Gas Line	----- A/G Gas

## SANITARY SEWER:

Sanitary Sewer Manhole	Ⓜ
Sanitary Sewer Cleanout	Ⓜ
U/G Sanitary Sewer Line	----- SS
Above Ground Sanitary Sewer	----- A/G Sanitary Sewer
Recorded SS Forced Main Line	----- FSS
Designated SS Forced Main Line (S.U.E.*)	----- FSS

## MISCELLANEOUS:

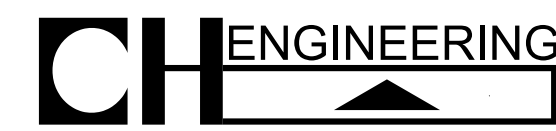
Utility Pole	●
Utility Pole with Base	Ⓜ
Utility Located Object	○
Utility Traffic Signal Box	Ⓜ
Utility Unknown U/G Line	----- 2UTL
U/G Tank; Water, Gas, Oil	Ⓜ
Underground Storage Tank, Approx. Loc.	Ⓜ
A/G Tank; Water, Gas, Oil	Ⓜ
Geoenvironmental Boring	Ⓜ
U/G Test Hole (S.U.E.*)	Ⓜ
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.











3220 GLEN ROYAL RD. RALEIGH, NC 27617  
 TELE 919.788.0224 FAX 919.788.0232  
 NC LICENSE #P-0189

PROJECT REFERENCE NO.

W-5512

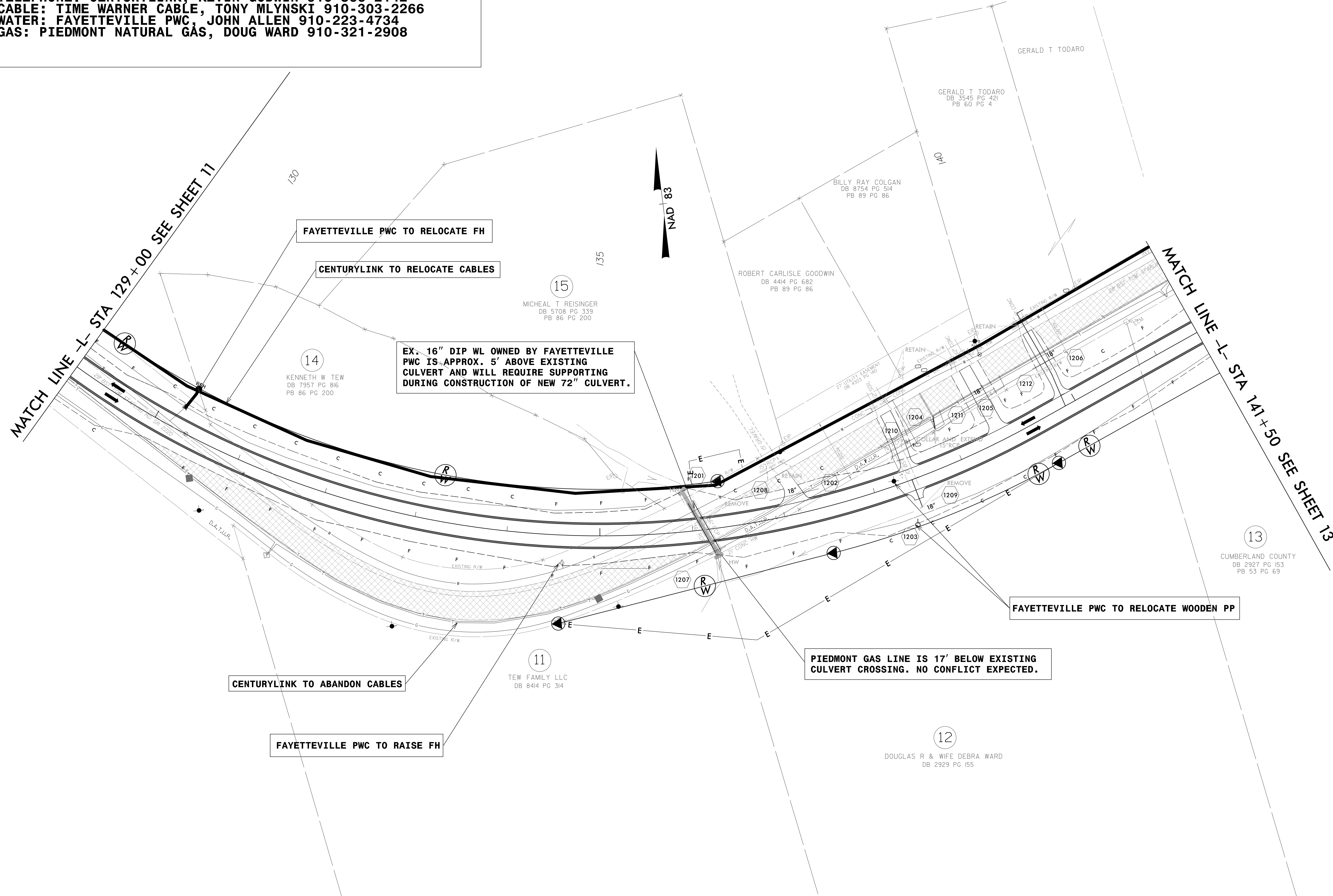
SHEET NO.

U0-7

SHEET NO.

12

**UTILITY CONTACTS:**  
**POWER: MAIN- FAYETTEVILLE PWC, JIM CLINE 910-233-4523**  
**SECONDARY- DUKE ENERGY, JB JONES 910-206-1966**  
**SECONDARY- S. RIVER PWC, SCOTT BYRD 910-892-8071**  
**TELEPHONE: CENTURYLINK, KEVIN GODWIN 910-366-2142**  
**CABLE: TIME WARNER CABLE, TONY MLYNSKI 910-303-2266**  
**WATER: FAYETTEVILLE PWC, JOHN ALLEN 910-223-4734**  
**GAS: PIEDMONT NATURAL GAS, DOUG WARD 910-321-2908**



MATCH LINE -L- STA 129+00 SEE SHEET 11

MATCH LINE -L- STA 141+50 SEE SHEET 13

FAYETTEVILLE PWC TO RELOCATE FH

CENTURYLINK TO RELOCATE CABLES

EX. 16" DIP WL OWNED BY FAYETTEVILLE PWC IS APPROX. 5' ABOVE EXISTING CULVERT AND WILL REQUIRE SUPPORTING DURING CONSTRUCTION OF NEW 72" CULVERT.

FAYETTEVILLE PWC TO RELOCATE WOODEN PP

PIEDMONT GAS LINE IS 17' BELOW EXISTING CULVERT CROSSING. NO CONFLICT EXPECTED.

CENTURYLINK TO ABANDON CABLES

FAYETTEVILLE PWC TO RAISE FH

REVISIONS  
 R/W REV. ELIMINATED PARCELS 16, 17, & 18 FROM ORIGINAL R/W PLANS DUE TO ALIGNMENT SHIFTING, NO R/W NEEDED. TDG 8-25-14

C:\T\ME\PROJECTS\141001\141001.dwg  
 8/17/99

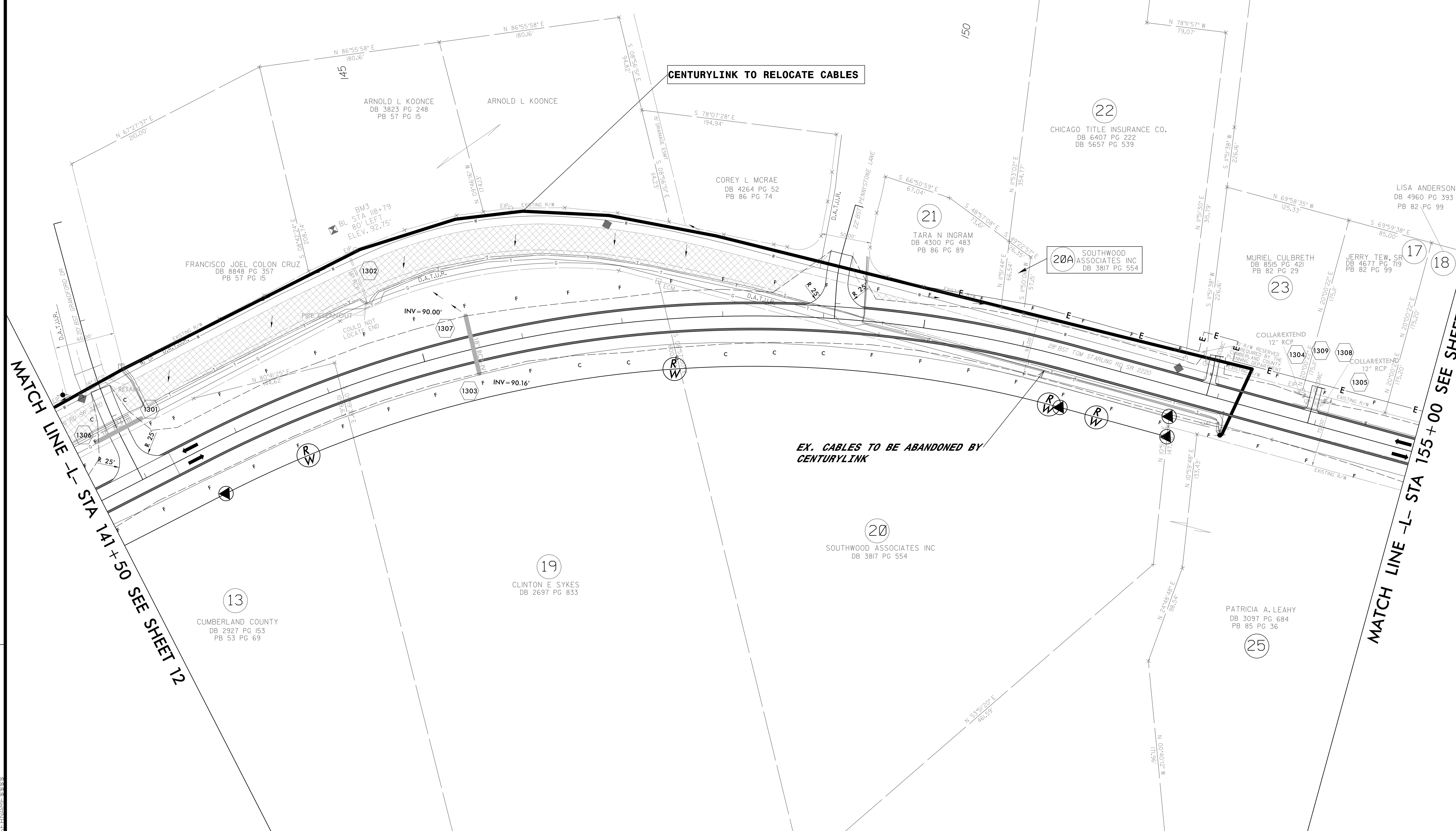
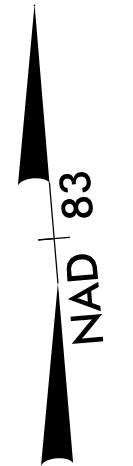




3220 GLEN ROYAL RD. RALEIGH, NC 27617  
 TELE 919.788.0224 FAX 919.788.0232  
 NC LICENSE #P-0189

PROJECT REFERENCE NO.	SHEET NO.
W-5512	U0-8
	ROW SHEET NO.
	13

**UTILITY CONTACTS:**  
**POWER: MAIN- FAYETTEVILLE PWC, JIM CLINE 910-233-4523**  
**SECONDARY- DUKE ENERGY, JB JONES 910-206-1966**  
**SECONDARY- S. RIVER PWC, SCOTT BYRD 910-892-8071**  
**TELEPHONE: CENTURYLINK, KEVIN GODWIN 910-366-2142**  
**CABLE: TIME WARNER CABLE, TONY MLYNSKI 910-303-2266**  
**WATER: FAYETTEVILLE PWC, JOHN ALLEN 910-223-4734**  
**GAS: PIEDMONT NATURAL GAS, DOUG WARD 910-321-2908**



MATCH LINE -L- STA 141+50 SEE SHEET 12

MATCH LINE -L- STA 155+00 SEE SHEET 14

R/W REV. REV. ADDED PROP. OWNER NAME & DEED BOOK INFO TO PARCEL 20A (SOUTHWOOD ASSOCIATES, INC.), TDG 9-15-14

REVISIONS

8/17/99

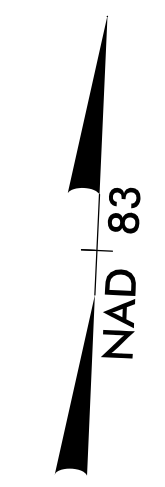


8/17/99

**UTILITY CONTACTS:**  
**POWER: MAIN- FAYETTEVILLE PWC, JIM CLINE 910-233-4523**  
**SECONDARY- DUKE ENERGY, JB JONES 910-206-1966**  
**SECONDARY- S. RIVER PWC, SCOTT BYRD 910-892-8071**  
**TELEPHONE: CENTURYLINK, KEVIN GODWIN 910-366-2142**  
**CABLE: TIME WARNER CABLE, TONY MLYNSKI 910-303-2266**  
**WATER: FAYETTEVILLE PWC, JOHN ALLEN 910-223-4734**  
**GAS: PIEDMONT NATURAL GAS, DOUG WARD 910-321-2908**

**CH ENGINEERING**  
 3220 GLEN ROYAL RD. RALEIGH, NC 27617  
 TELE 919.788.0224 FAX 919.788.0232  
 NC LICENSE #P-0189

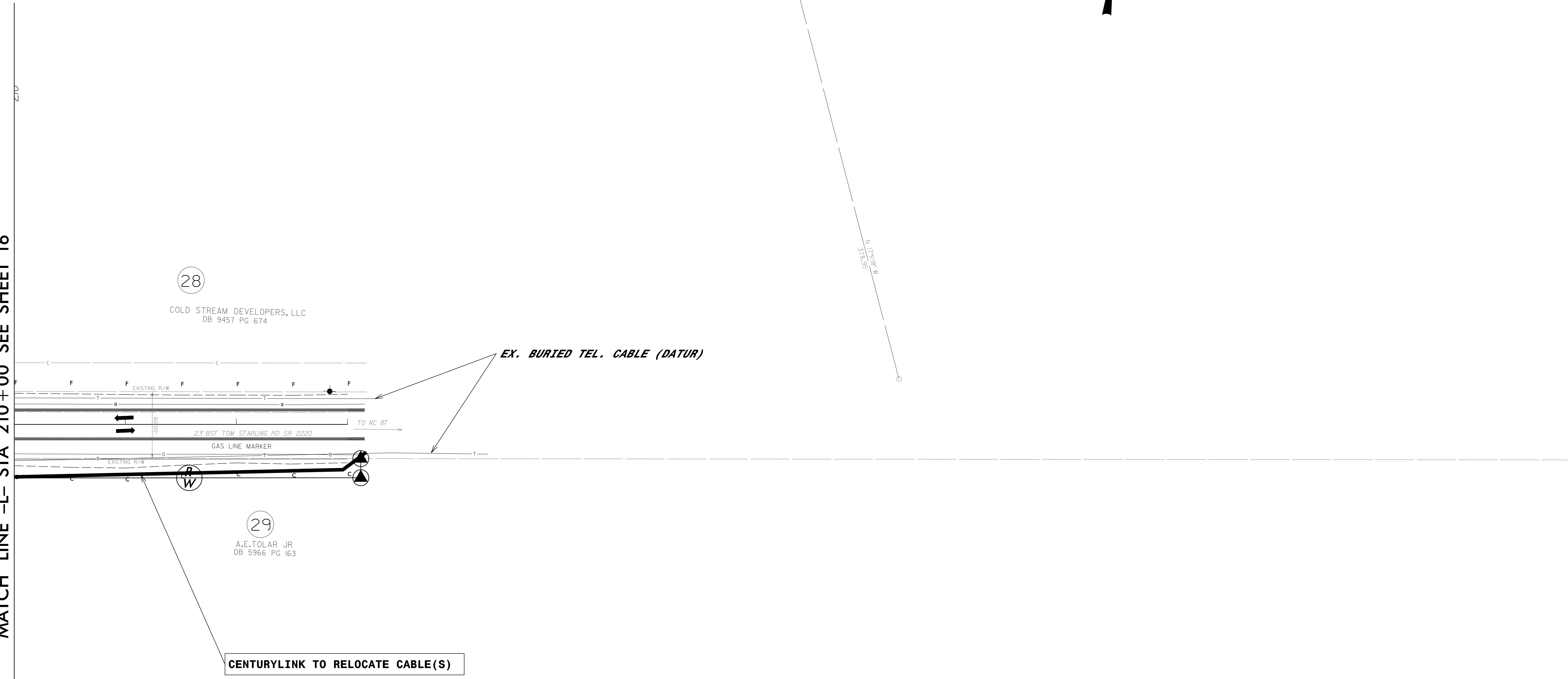
PROJECT REFERENCE NO.	SHEET NO.
W-5512	U0-10
	SHEET NO.
	16



REVISIONS

R/W REV: ADDED R/W MONUMENTS TO PROPOSED R/W ON THIS SHEET. TDG 10-2-14

MATCH LINE -L- STA 210+00 SEE SHEET 16



\$\$\$ CYCLIME \$\$\$  
 \$\$\$ C:\WORK\PROJECTS\10-2-14\10-2-14.DWG \$\$\$  
 \$\$\$ 10/2/14 11:58:58 AM \$\$\$  
 \$\$\$ PLOT: 10-2-14.DWG \$\$\$  
 \$\$\$ 10/2/14 11:58:58 AM \$\$\$