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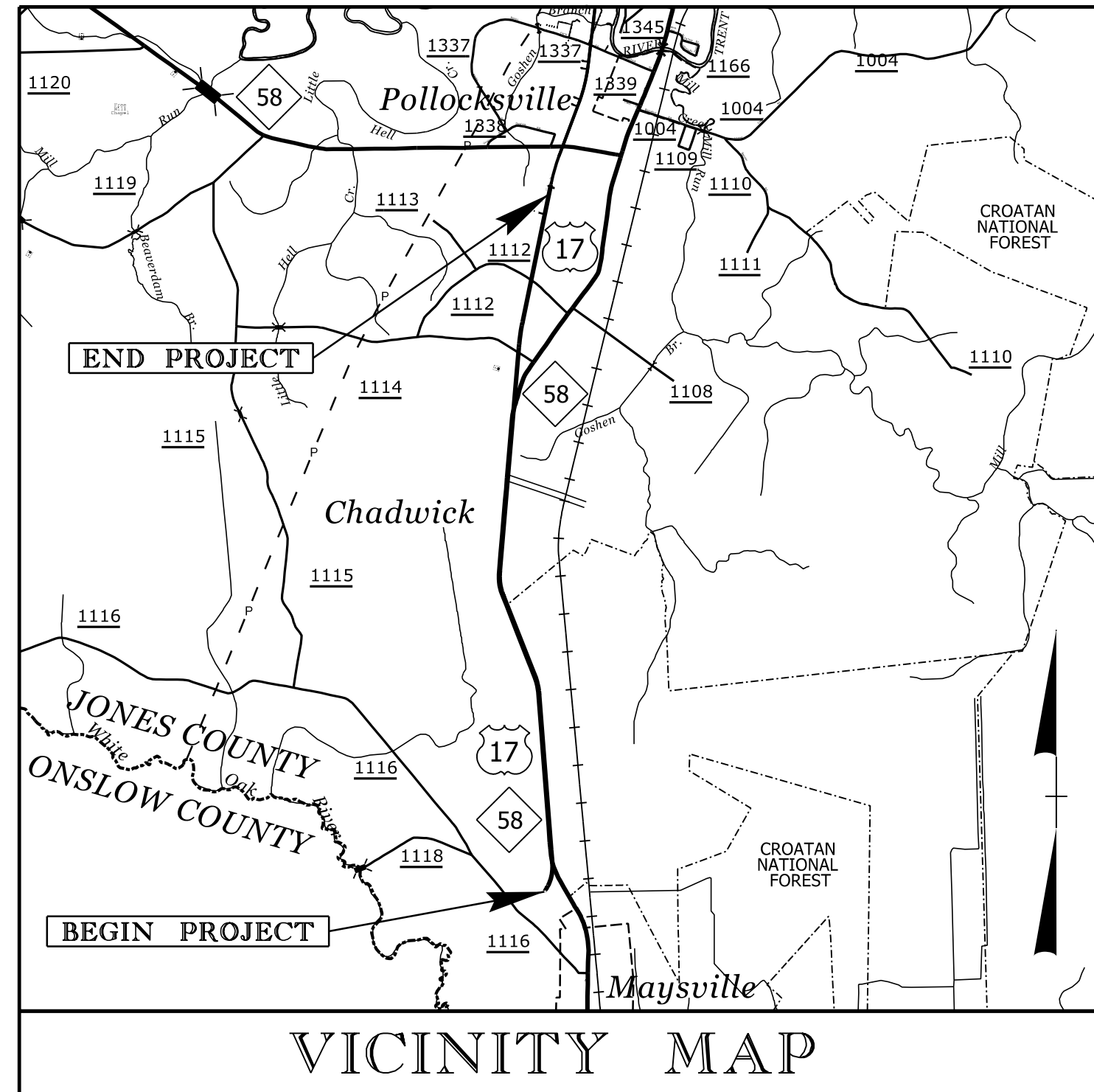
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TIP PROJECT: R-2514C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

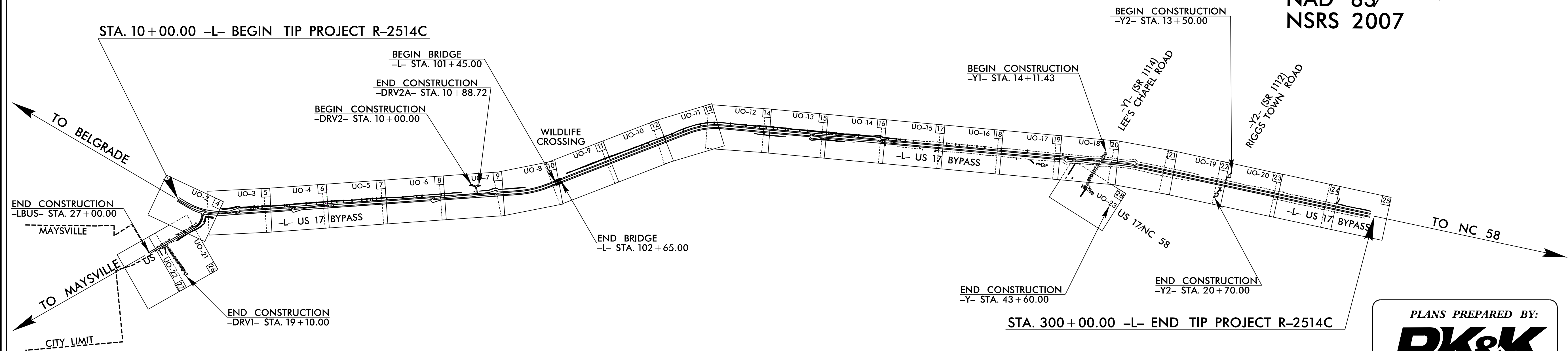
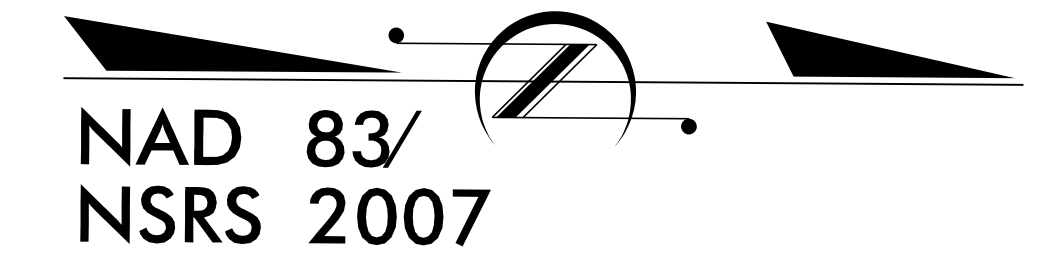
T.I.P. NO.	SHEET NO.
R-2514C	UO-1



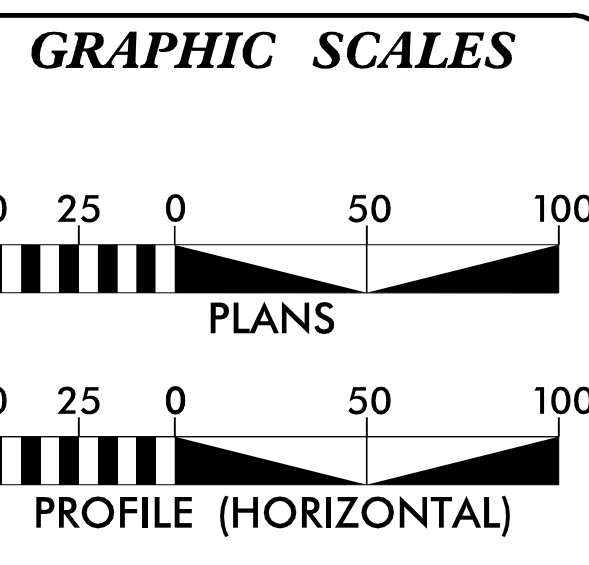
**UTILITIES BY OTHERS PLANS
JONES COUNTY**

LOCATION: US 17 FROM NORTH OF MAYSVILLE TO SOUTH OF NC 58 NEAR POLLOCKSVILLE

TYPE OF WORK: AERIAL POWER, UNDERGROUND FIBER OPTIC, TELEPHONE, AND CATV



PLANS PREPARED BY:
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE, SUITE 350
RALEIGH, NORTH CAROLINA 27609
NC LICENSE NO. F-0112
1-888-521-4455 OR 919-878-9560



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-23	UTILITY BY OTHERS PLAN SHEETS

- UTILITY OWNERS ON PROJECT**
- (1) DUKE ENERGY PROGRESS - POWER
 - (2) JONES - ONSLOW EMC - POWER
 - (3) TIME WARNER - CATV
 - (4) CENTURYLINK - TELEPHONE AND FIBER OPTIC.

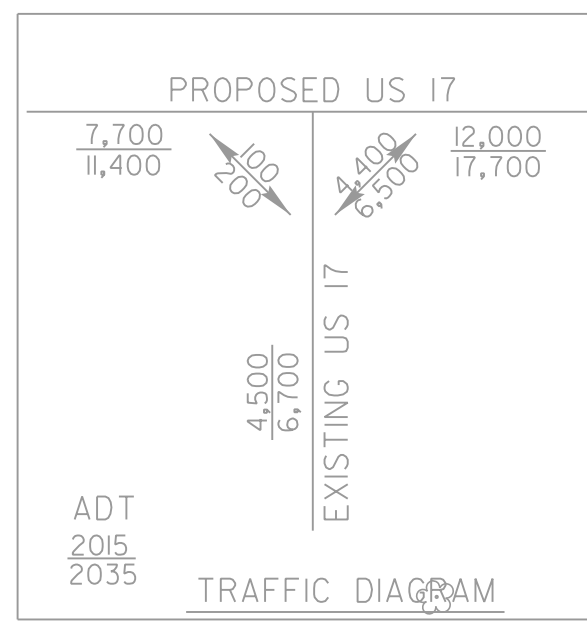
PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
UTILITIES UNIT
UTILITIES ENGINEERING**

1591 MAIL SERVICES CENTER
RALEIGH, NC 27699-1591
PHONE (919) 707-6690
FAX (919) 250-4151

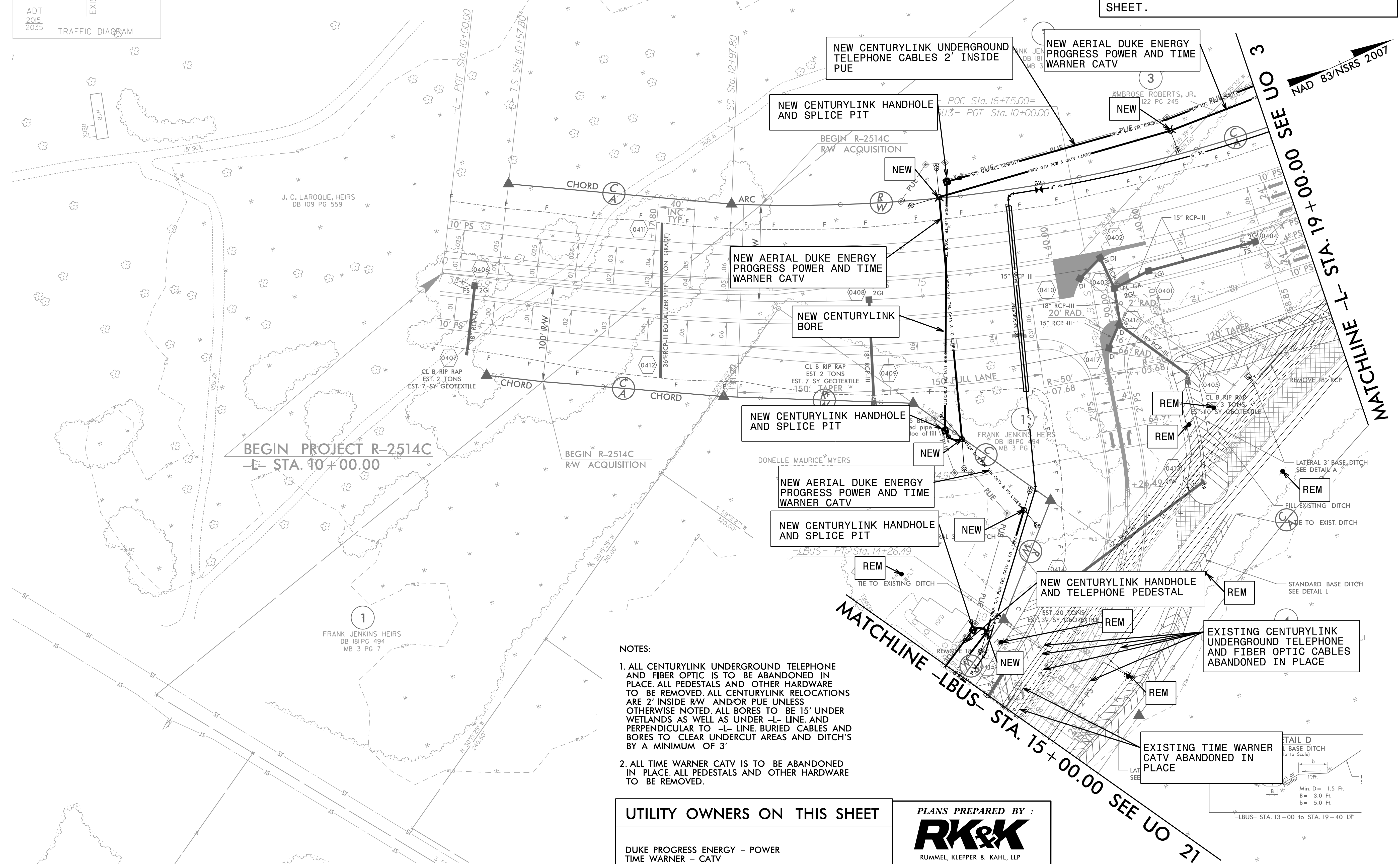
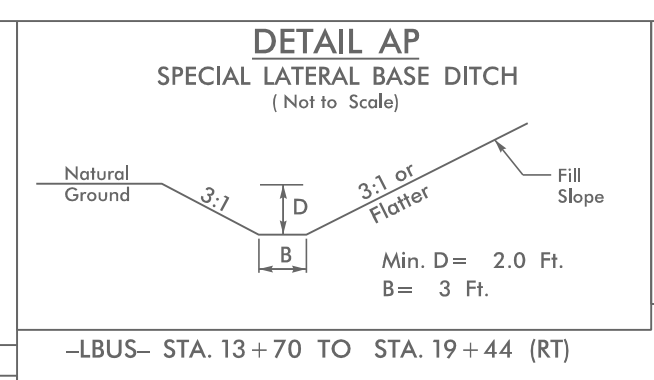
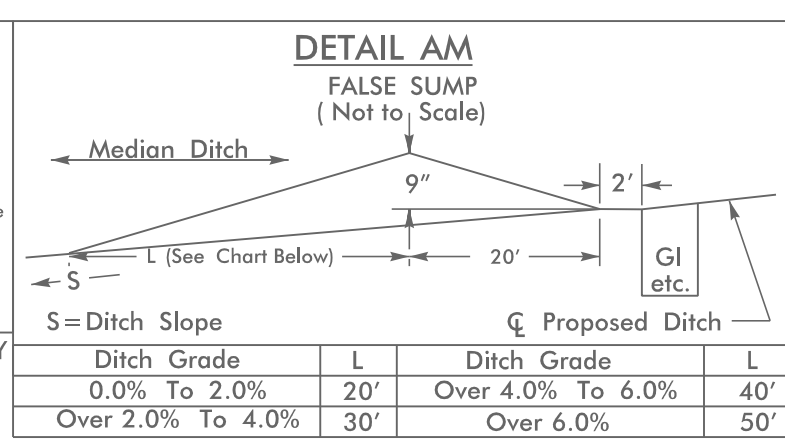
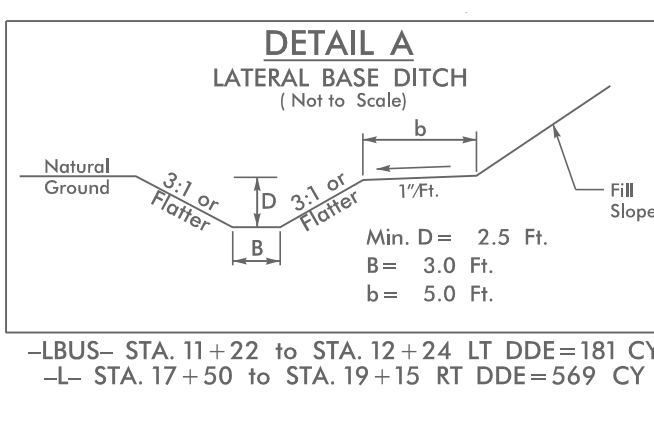
Roger Worthington, P.E. UTILITIES SECTION ENGINEER
Roger Worthington, P.E. UTILITIES SQUAD LEADER PROJECT ENGINEER
Mariko E Hafeez UTILITIES PROJECT DESIGNER

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.



-L-		-LBUS-	
PI Sta 12+77.85	PI Sta 16+95.31	PI Sta 13+12.68	PI Sta 13+12.68
$\Delta = 4^\circ 11' 32.5''$	$\Delta = 27^\circ 14' 57.6''$ (LT)	$\Delta = 46^\circ 08' 20.6''$ (RT)	$\Delta = 46^\circ 08' 20.6''$ (RT)
$L_s = 240.00'$	$D = 3^\circ 29' 37.1''$	$D = 19^\circ 05' 54.9''$	$L = 241.58'$
$LT = 160.04'$	$L = 779.97'$	$L = 241.58'$	$T = 127.77'$
$ST = 80.04'$	$T = 397.51'$	$T = 127.77'$	$R = 300.00'$
	$R = 1,640.00'$	$R = 300.00'$	$SE = SEE PLANS$
	$SE = .06$		
	$RO = 240'$		



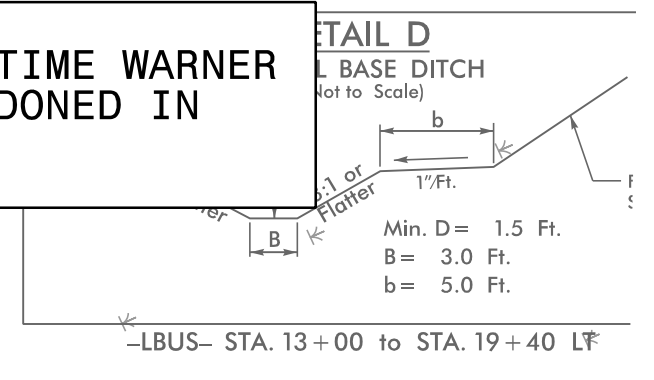
- NOTES:**
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE R/W AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET

- DUKE PROGRESS ENERGY - POWER
- TIME WARNER - CATV
- CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :

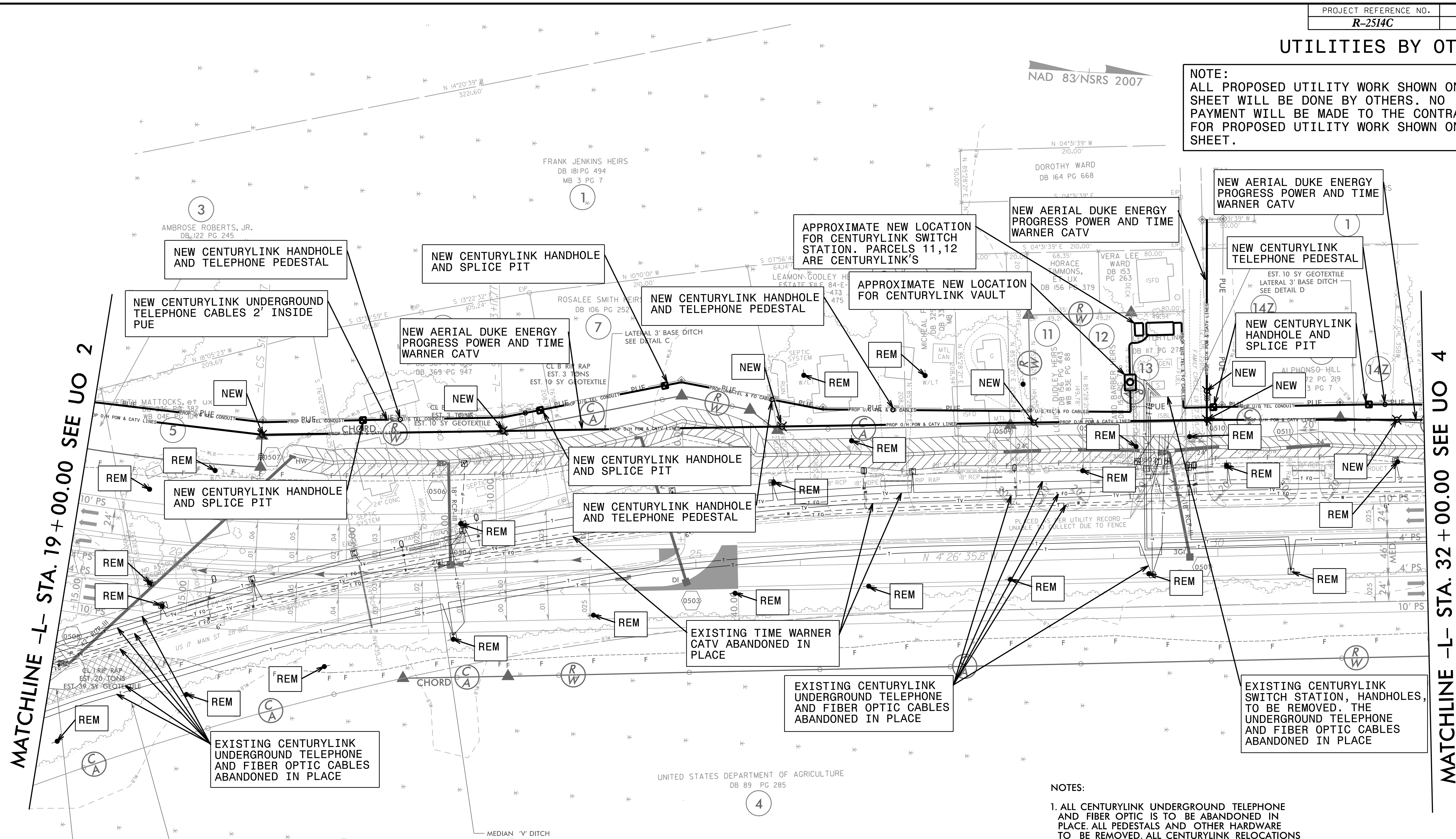
RK&K
 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560



-LBUS- STA. 13+00 TO STA. 19+40 LF

UTILITIES BY OTHERS

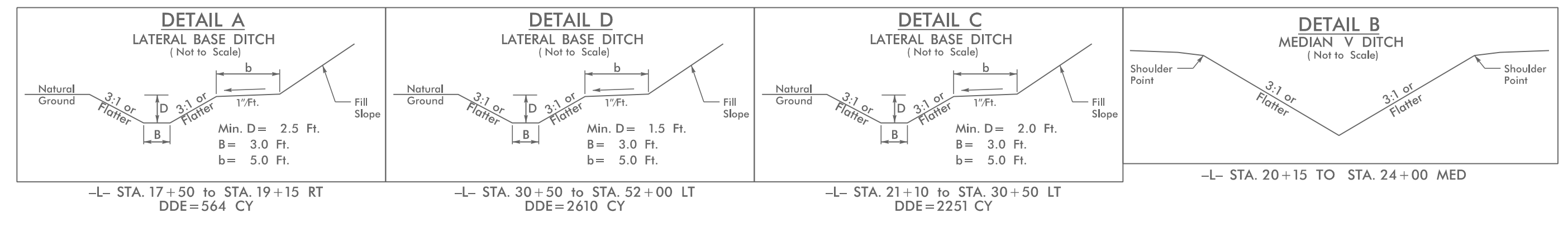
NOTE:
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- NOTES:
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'. EXISTING CENTURYLINK SWITCH STATION TO BE DEMOLISHED BY CONTRACTOR.
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. TIME WARNER WILL BE IN JOINT USE WITH DUKE ENERGY PROGRESS TIME WARNER TO COORDINATE WITH DUKE ENERGY PROGRESS FOR RELOCATION PROCEDURE

-L-

PI Sta 16+95.31	Pls Sta 21+57.81
$\Delta = 27^{\circ}14'57.6"$ (LT)	$\Theta_s = 4^{\circ}11'32.5"$
D = 3' 29' 37.1"	Ls = 240.00'
L = 779.97'	LT = 160.04'
T = 397.51'	ST = 80.04'
R = 1,640.00'	
SE = .06	
RO = 240'	



UTILITY OWNERS ON THIS SHEET

- DUKE PROGRESS ENERGY - POWER
- TIME WARNER - CATV
- CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :



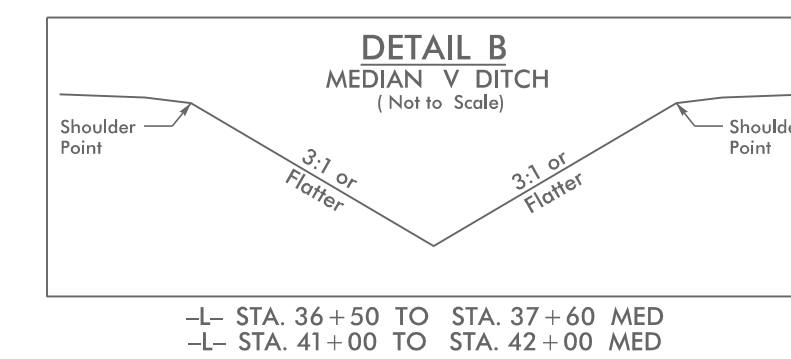
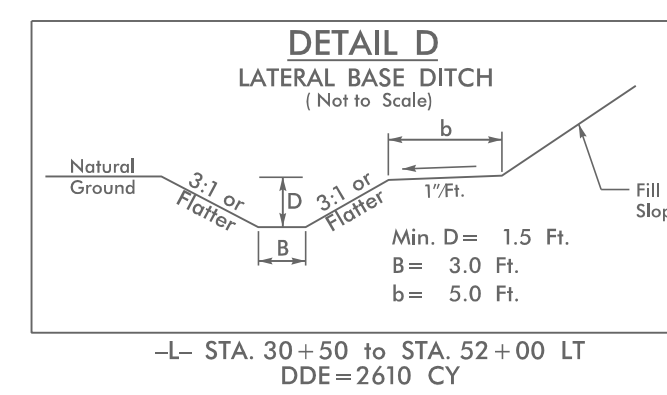
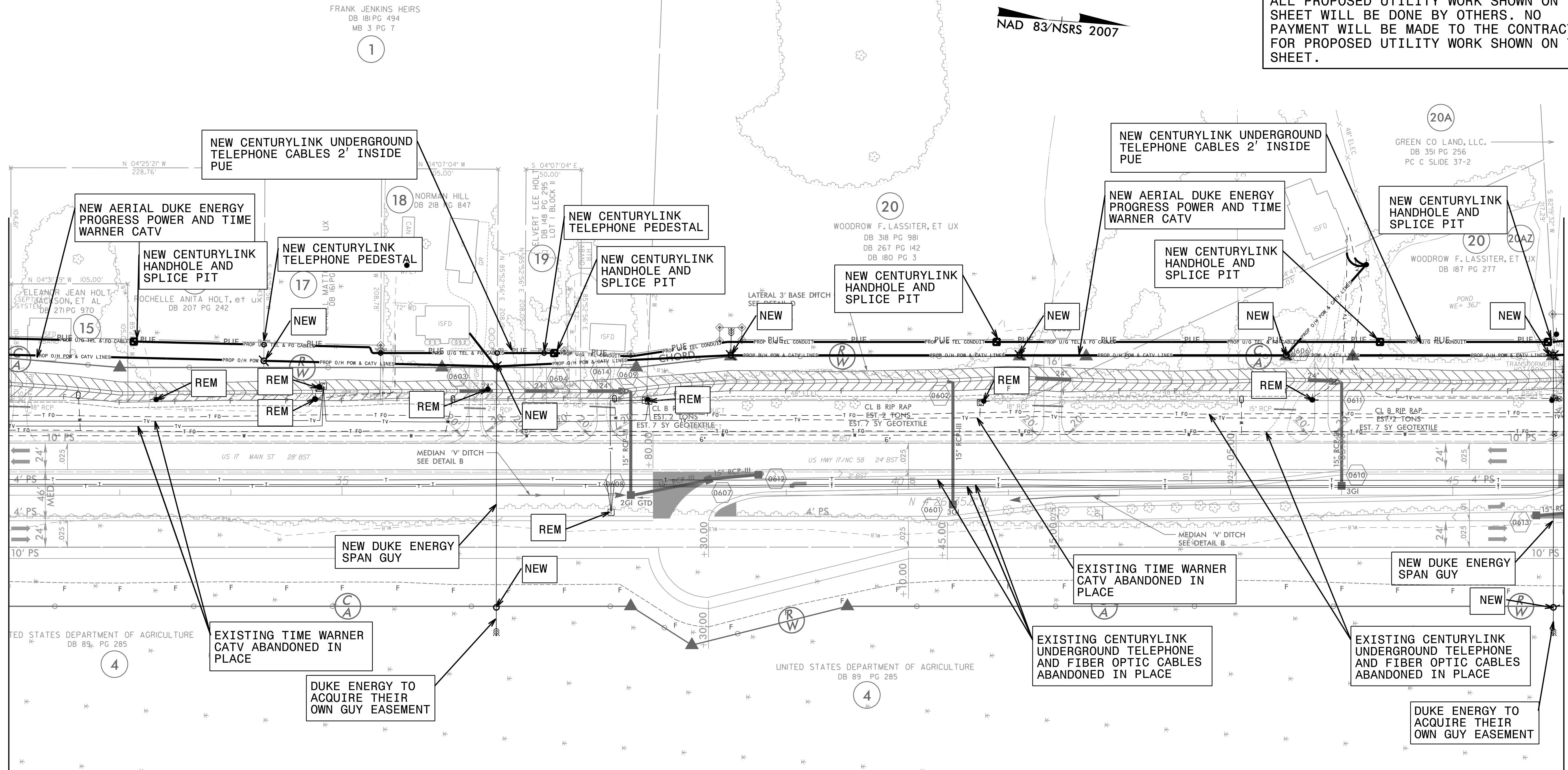
UTILITIES BY OTHERS

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NAD 83/NSRS 2007

MATCHLINE -L- STA. 32 + 00.00 SEE UO 3

MATCHLINE -L- STA. 46 + 00.00 SEE UO 5



NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET

DUKE PROGRESS ENERGY - POWER
TIME WARNER - CATV
CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :

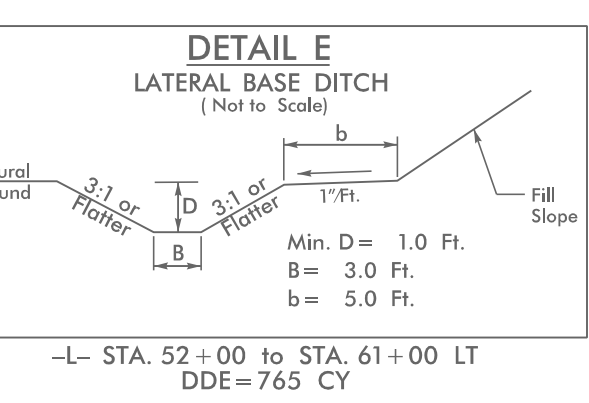
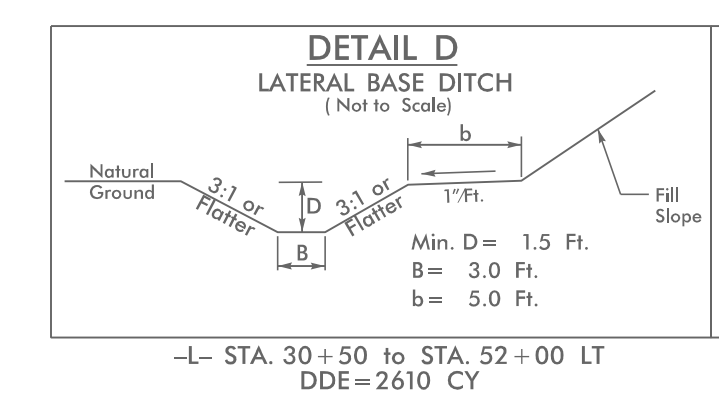
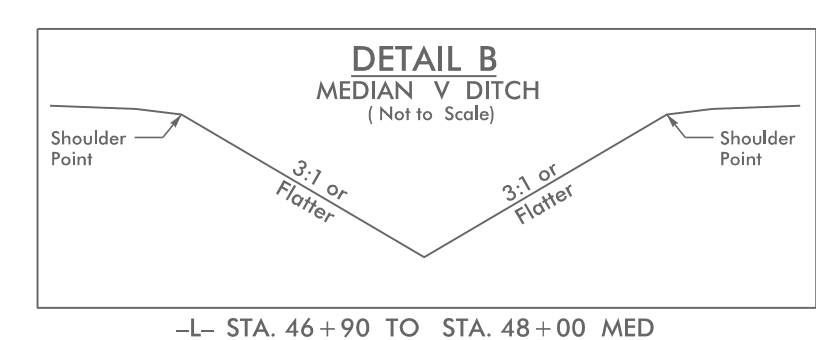
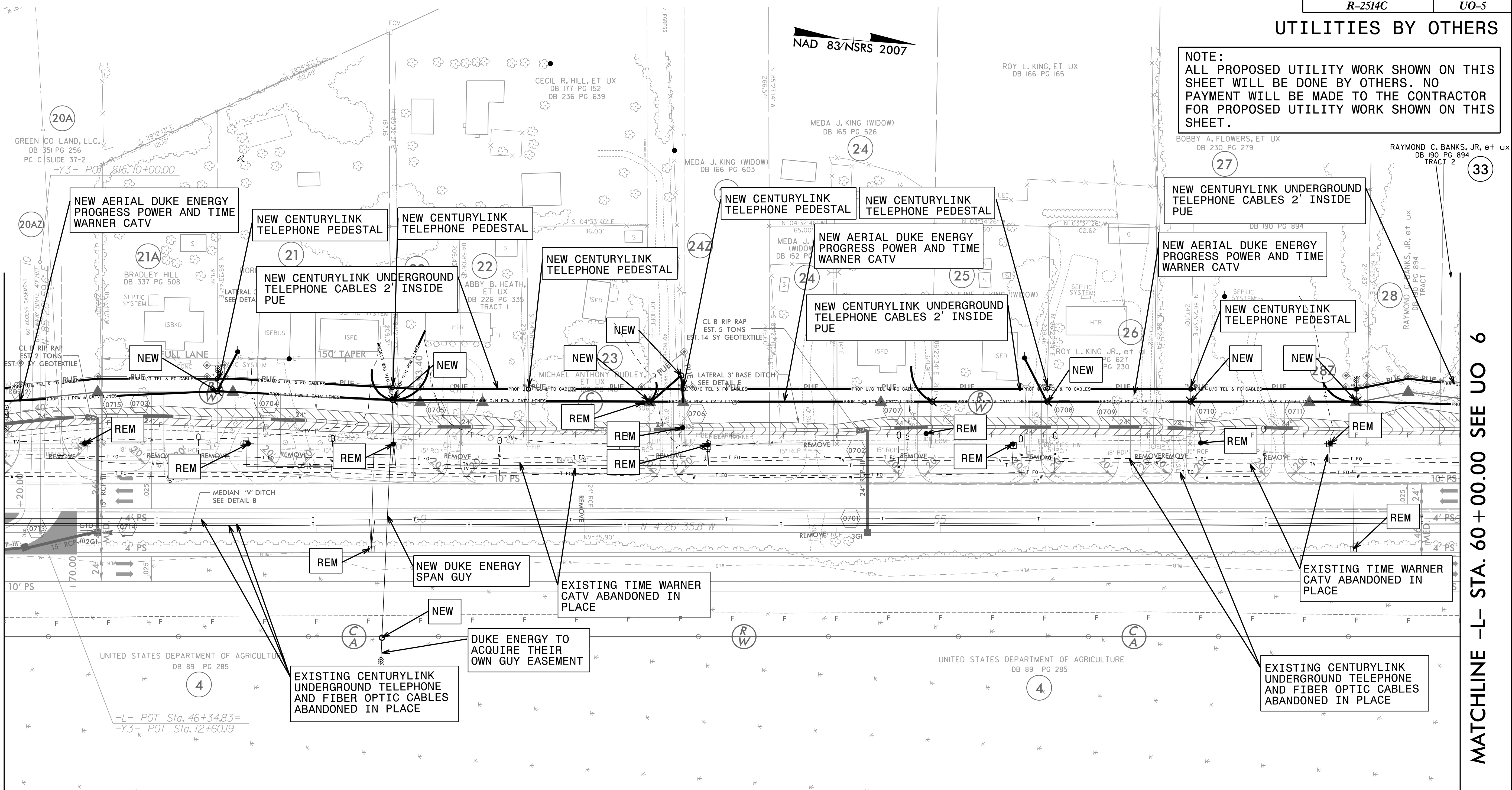
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

UTILITIES BY OTHERS

NOTE:
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MATCHLINE -L- STA. 46+00.00 SEE UO 4

MATCHLINE -L- STA. 60+00.00 SEE UO 6



NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. TIME WARNER TO SPLICE TO EXISTING SERVICE LINES OUTSIDE OF PROJECT CONSTRUCTION.

UTILITY OWNERS ON THIS SHEET

- DUKE PROGRESS ENERGY - POWER
- TIME WARNER - CATV
- CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :



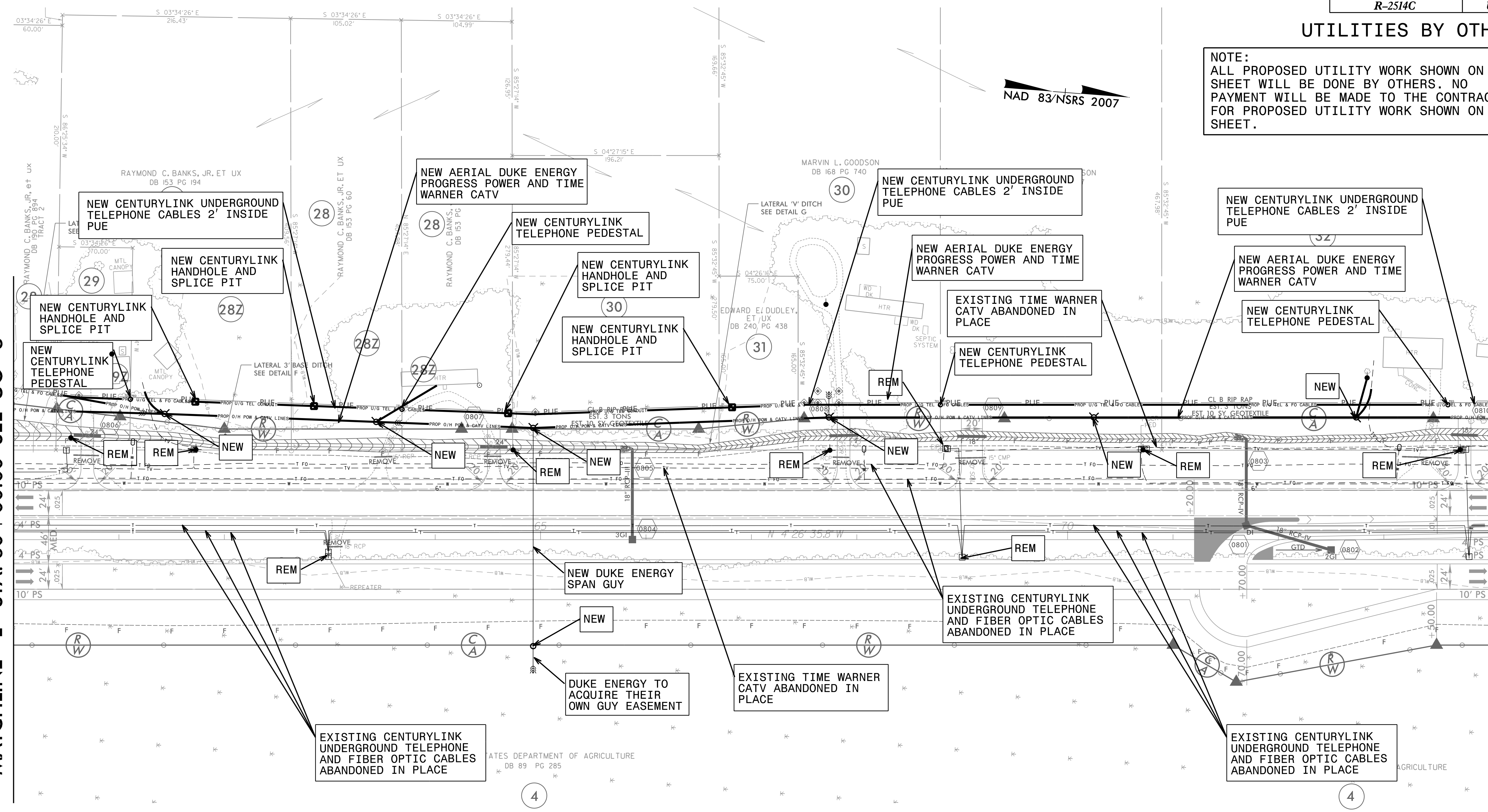
UTILITIES BY OTHERS

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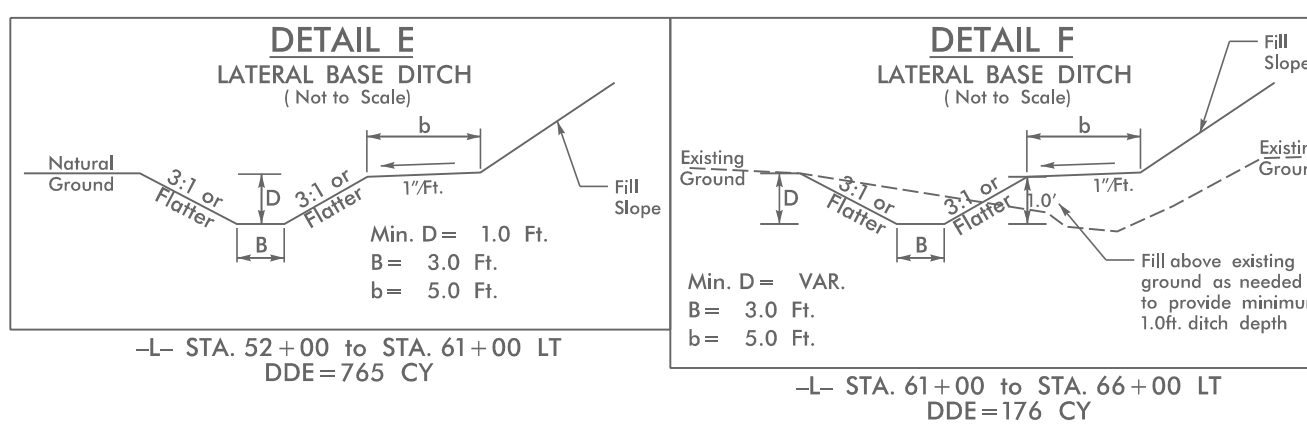


MATCHLINE -L- STA. 60+00.00 SEE UO 5

MATCHLINE -L- STA. 74+00.00 SEE UO 7



- NOTES:**
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.



UTILITY OWNERS ON THIS SHEET

- DUKE PROGRESS ENERGY - POWER
- TIME WARNER - CATV
- CENTURYLINK - TELEPHONE AND FIBER OPTIC

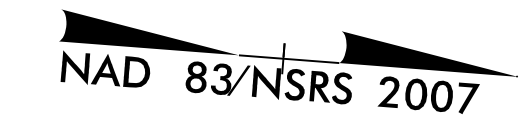
PLANS PREPARED BY :



UTILITIES BY OTHERS

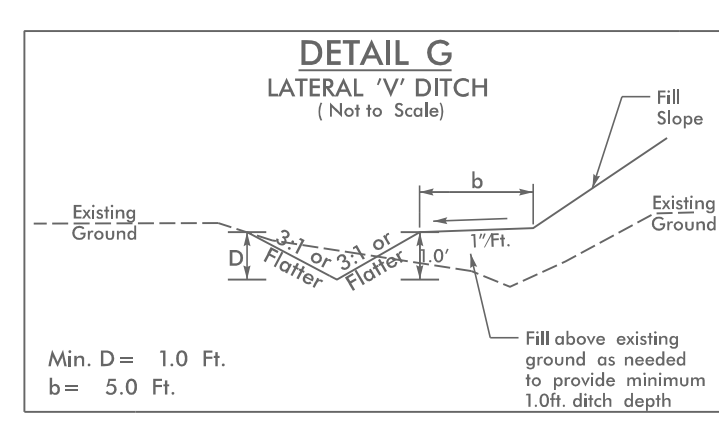
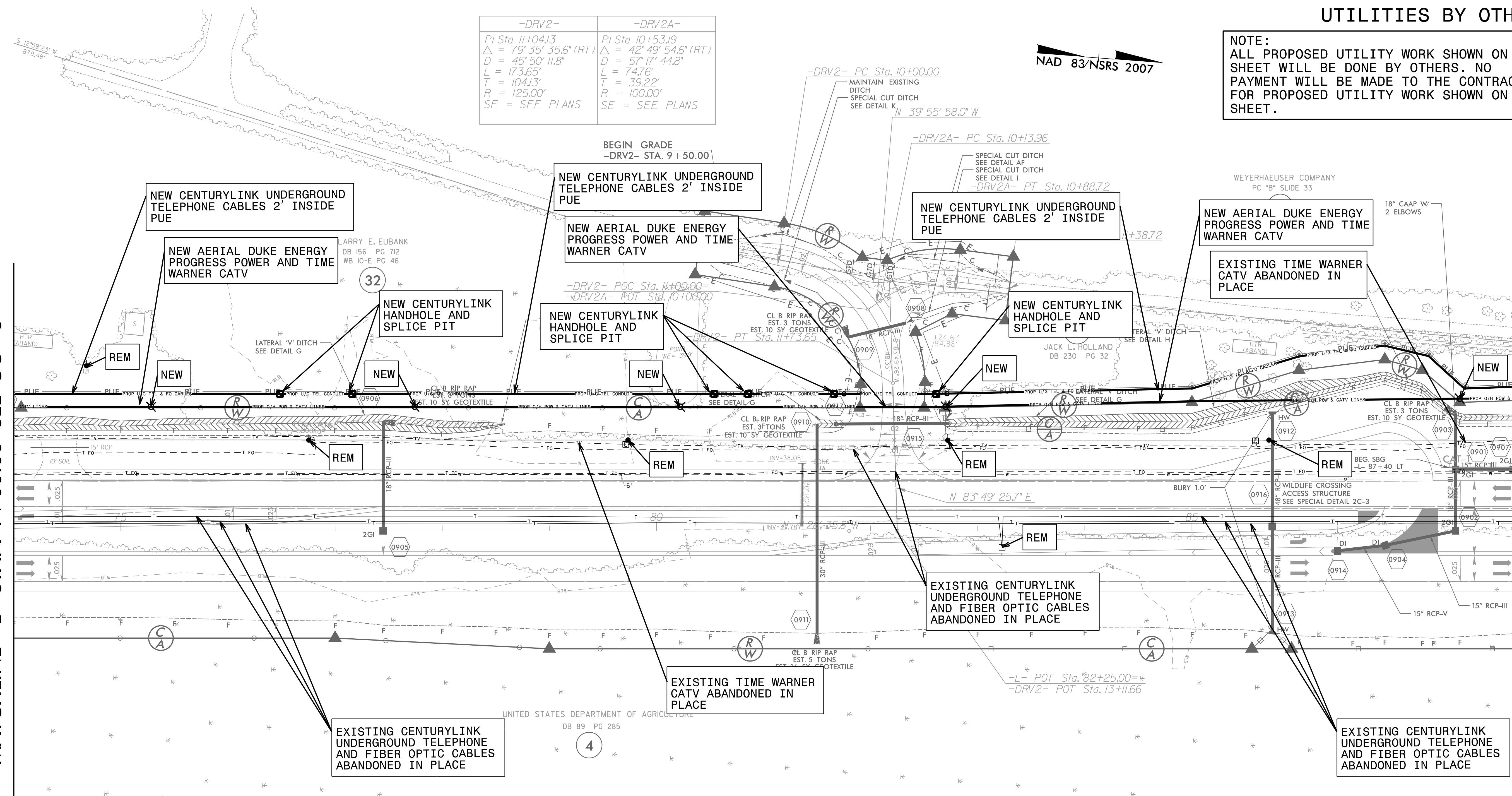
NOTE:
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-DRV2-	-DRV2A-
PI Sta 11+04.13	PI Sta 10+53.19
$\Delta = 79^{\circ} 35' 35.6" (RT)$	$\Delta = 42^{\circ} 49' 54.6" (RT)$
D = 45' 50" 11.8"	D = 57' 17" 44.8"
L = 173.65'	L = 74.76'
T = 104.13'	T = 39.22'
R = 125.00'	R = 100.00'
SE = SEE PLANS	SE = SEE PLANS

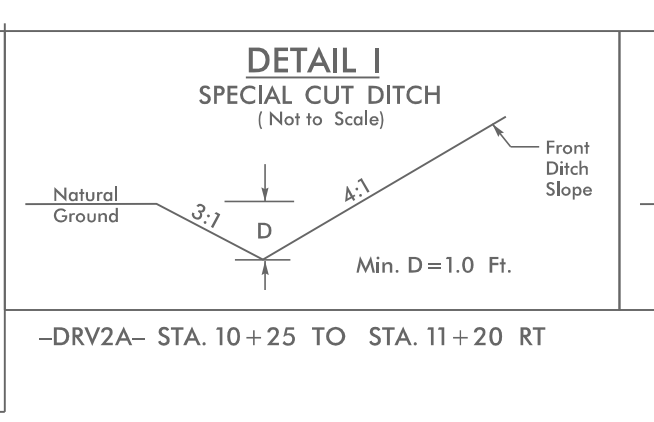


MATCHLINE -L- STA. 74+00.00 SEE UO 6

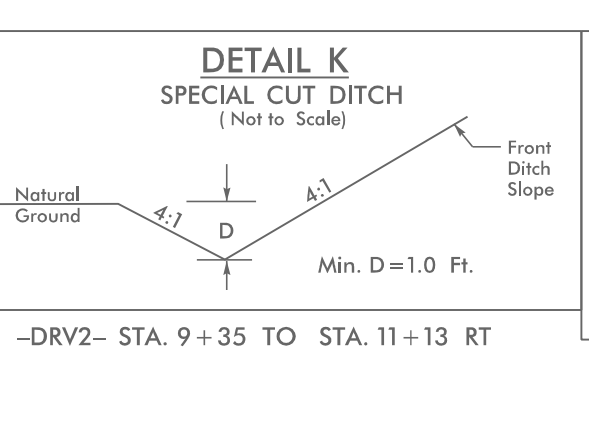
MATCHLINE -L- STA. 88+00.00 SEE UO 8



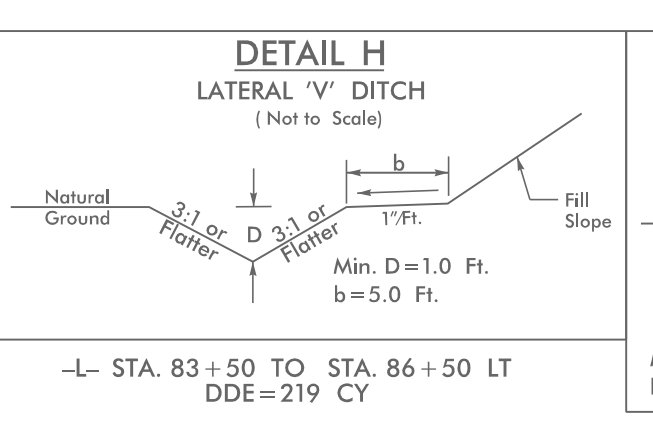
-L- STA. 66+00 TO STA. 78+30 LT DDE=439 CY
-L- STA. 81+50 TO STA. 83+50 LT DDE=47 CY



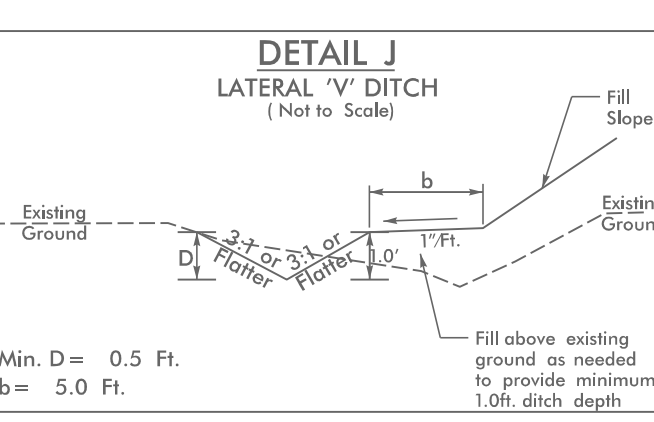
-DRV2A- STA. 10+25 TO STA. 11+20 RT



-DRV2- STA. 9+35 TO STA. 11+13 RT



-L- STA. 83+50 TO STA. 86+50 LT
DDE=219 CY



-L- STA. 86+50 TO STA. 89+00 LT
DDE=30 CY

NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET

DUKE PROGRESS ENERGY - POWER
TIME WARNER - CATV
CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :





RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560

UTILITY OWNERS ON THIS SHEET

DUKE PROGRESS ENERGY – POWER
 TIME WARNER – CATV
 CENTURYLINK – TELEPHONE AND FIBER OPTIC

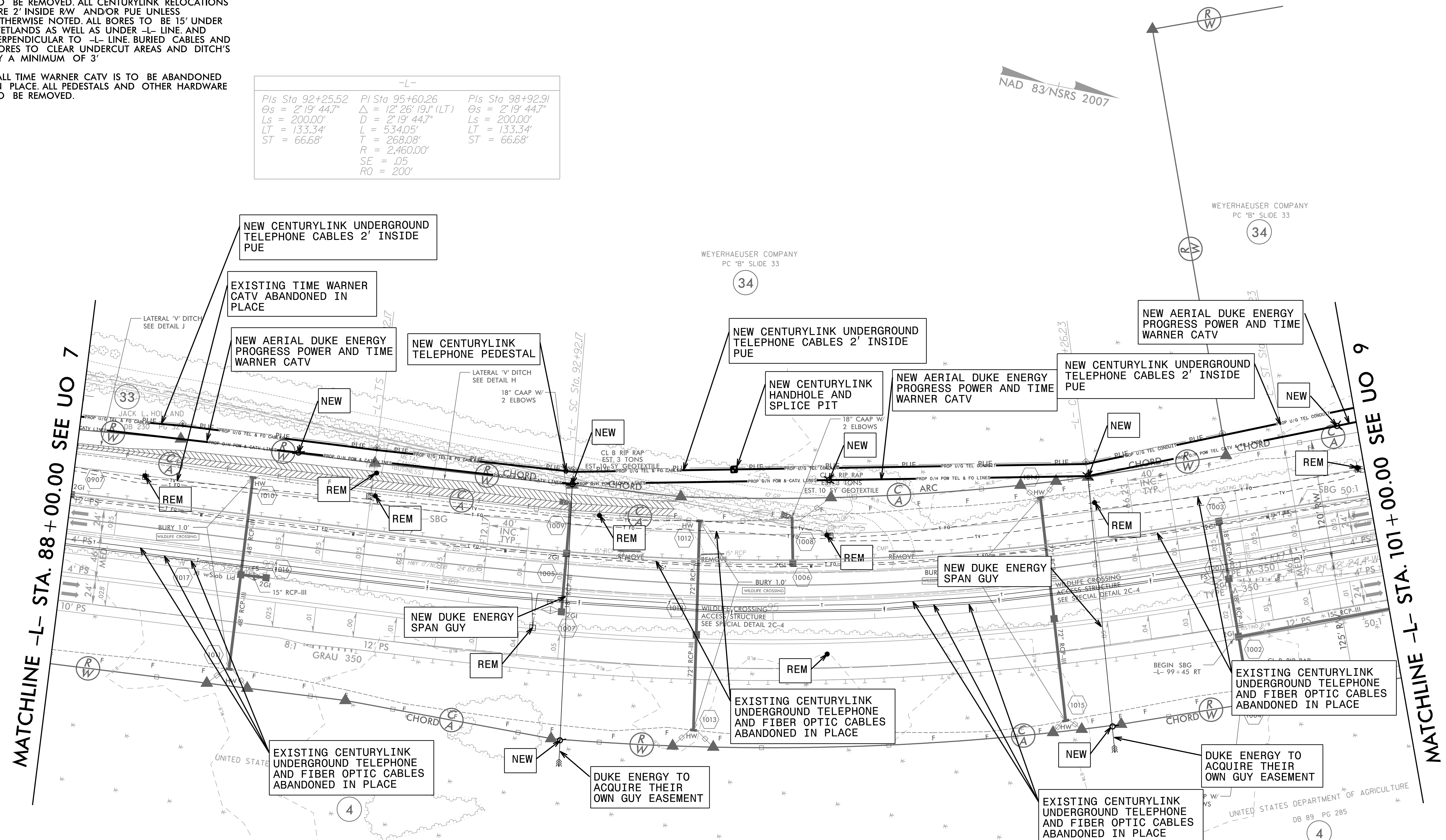
UTILITIES BY OTHERS

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NOTES:

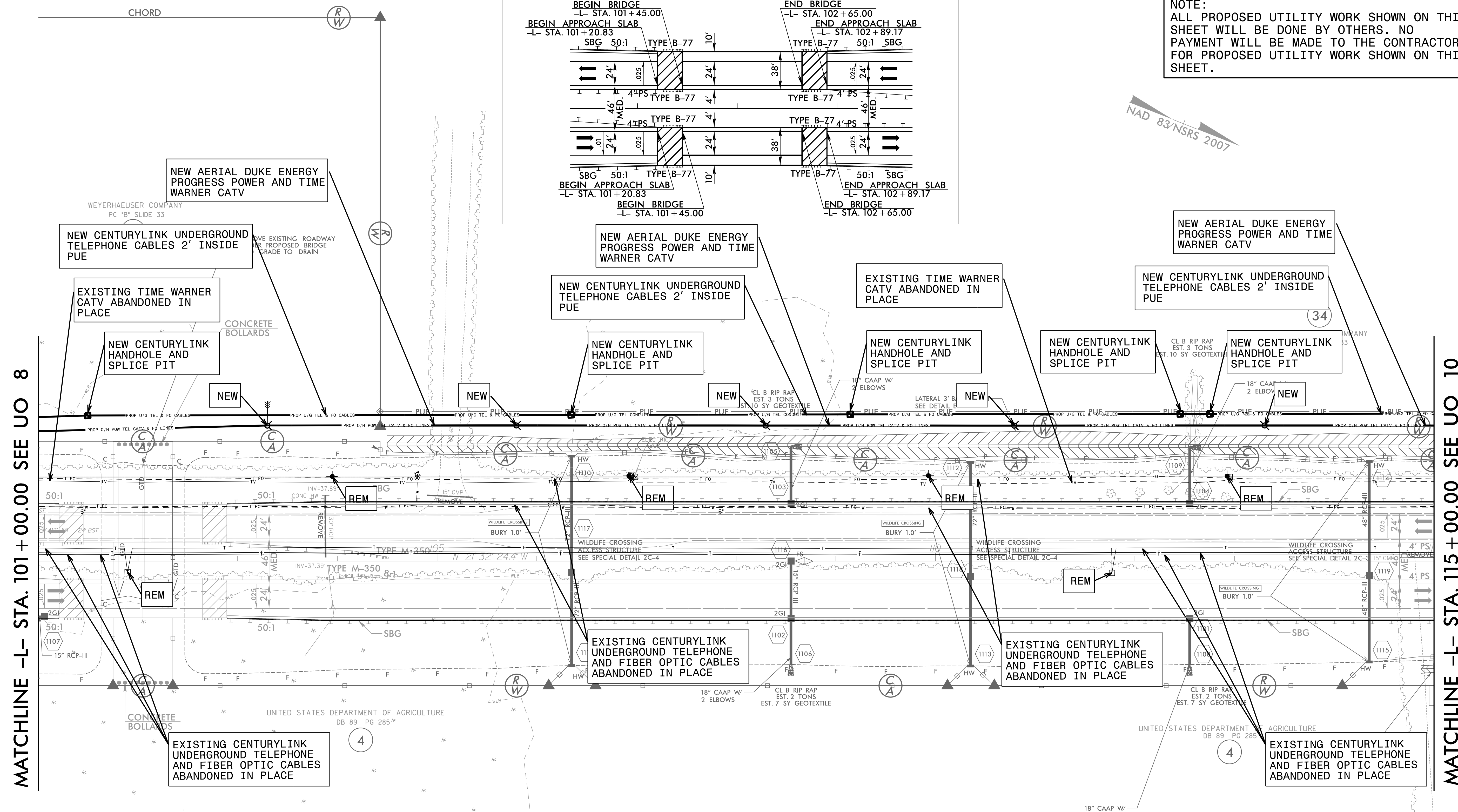
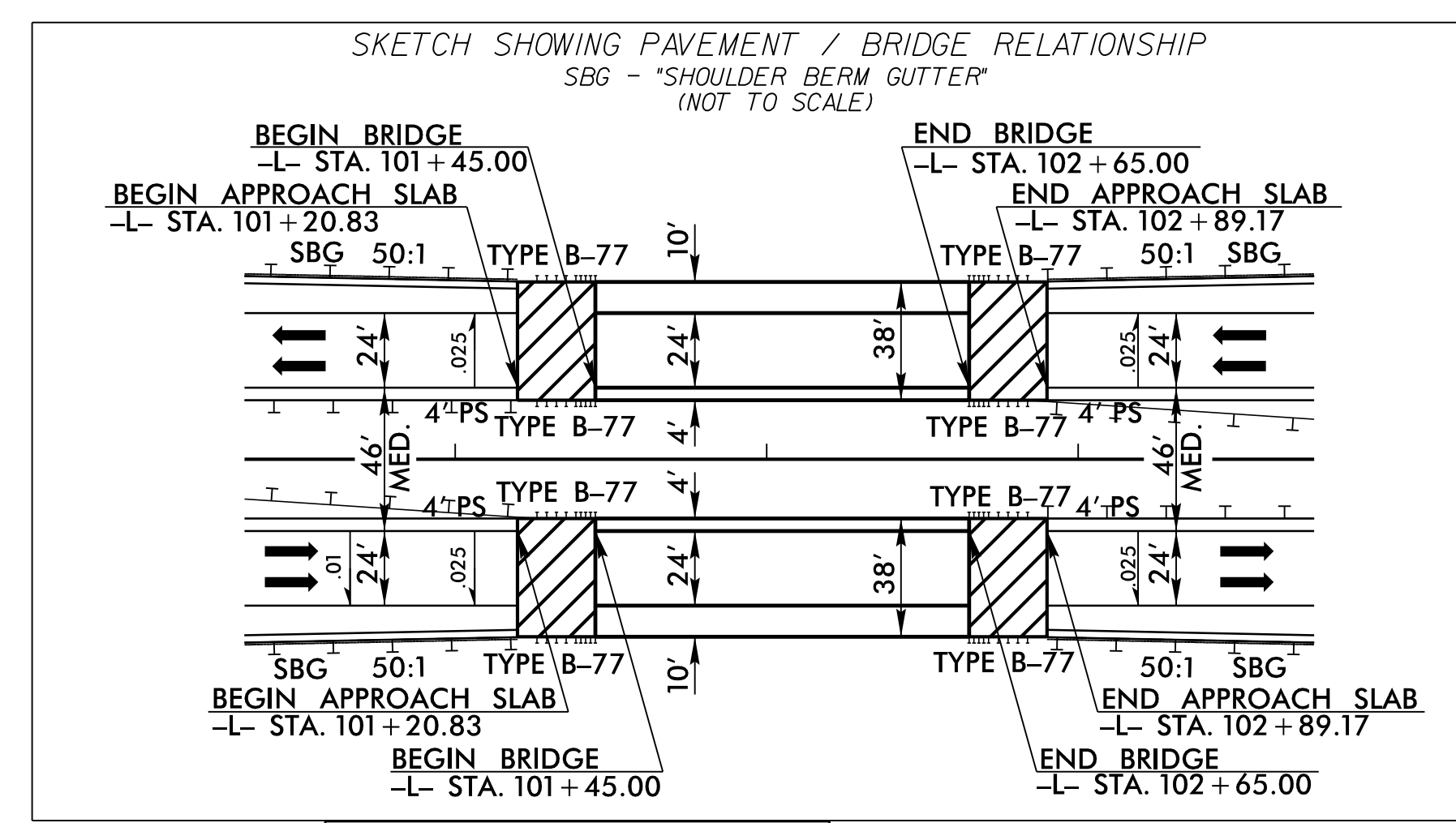
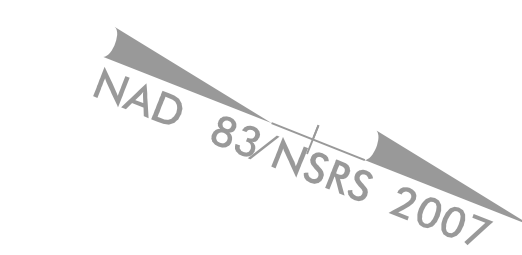
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

-L-		
Pls Sta 92+25.52	Pl Sta 95+60.26	Pls Sta 98+92.91
$\theta_s = 2' 19' 44.7''$	$\Delta = 12' 26' 19.1''$ (LT)	$\theta_s = 2' 19' 44.7''$
Ls = 200.00'	D = 2' 19' 44.7''	Ls = 200.00'
LT = 133.34'	L = 534.05'	LT = 133.34'
ST = 66.68'	T = 268.08'	ST = 66.68'
	R = 2,460.00'	
	SE = .05	
	RO = 200'	



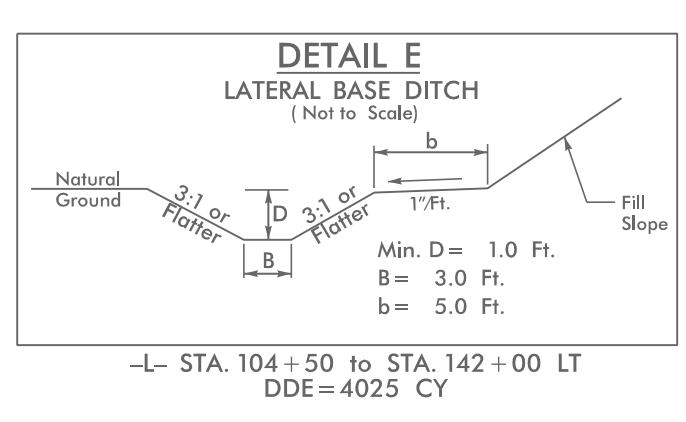
UTILITIES BY OTHERS

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MATCHLINE -L- STA. 101 + 00.00 SEE UO 8

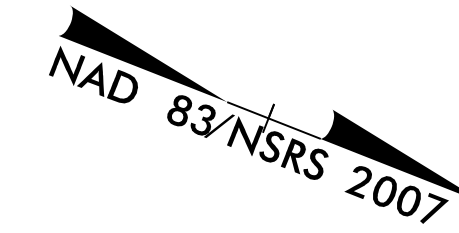
MATCHLINE -L- STA. 115 + 00.00 SEE UO 10



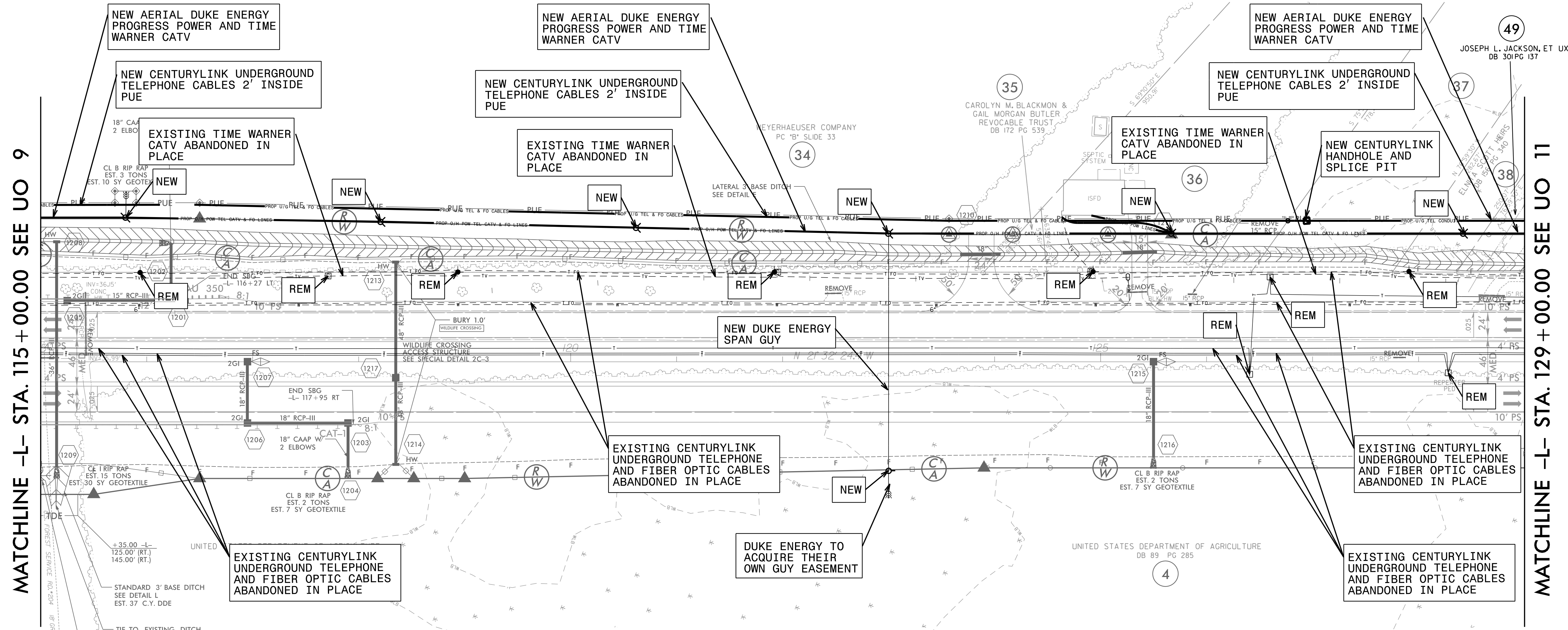
- NOTES:**
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE R/W AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE. AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET	PLANS PREPARED BY :
DUKE PROGRESS ENERGY - POWER TIME WARNER - CATV CENTURYLINK - TELEPHONE AND FIBER OPTIC	RK&K RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 • (919) 878-9560

UTILITIES BY OTHERS

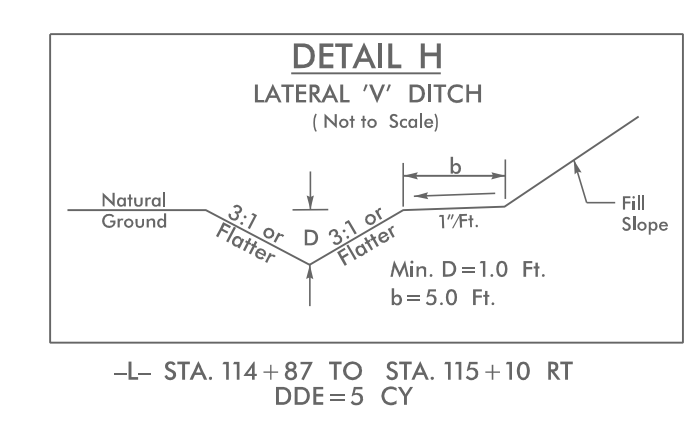
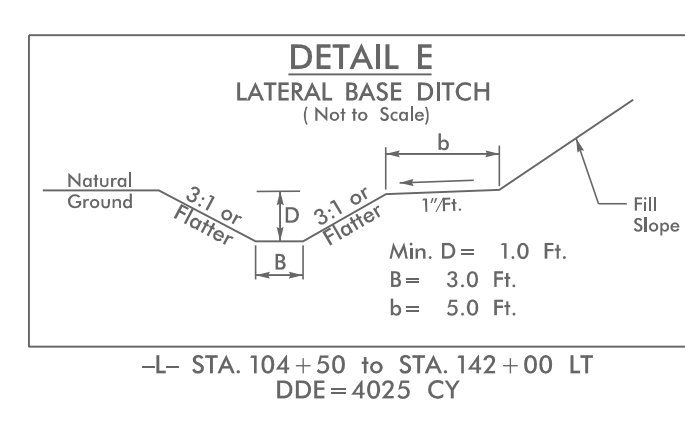


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MATCHLINE -L- STA. 115 + 00.00 SEE UO 9

MATCHLINE -L- STA. 129 + 00.00 SEE UO 11

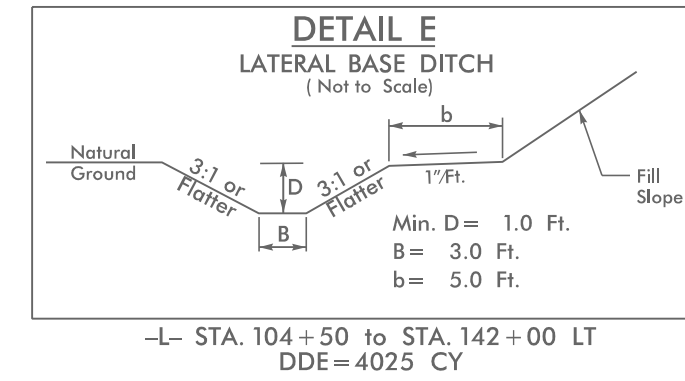
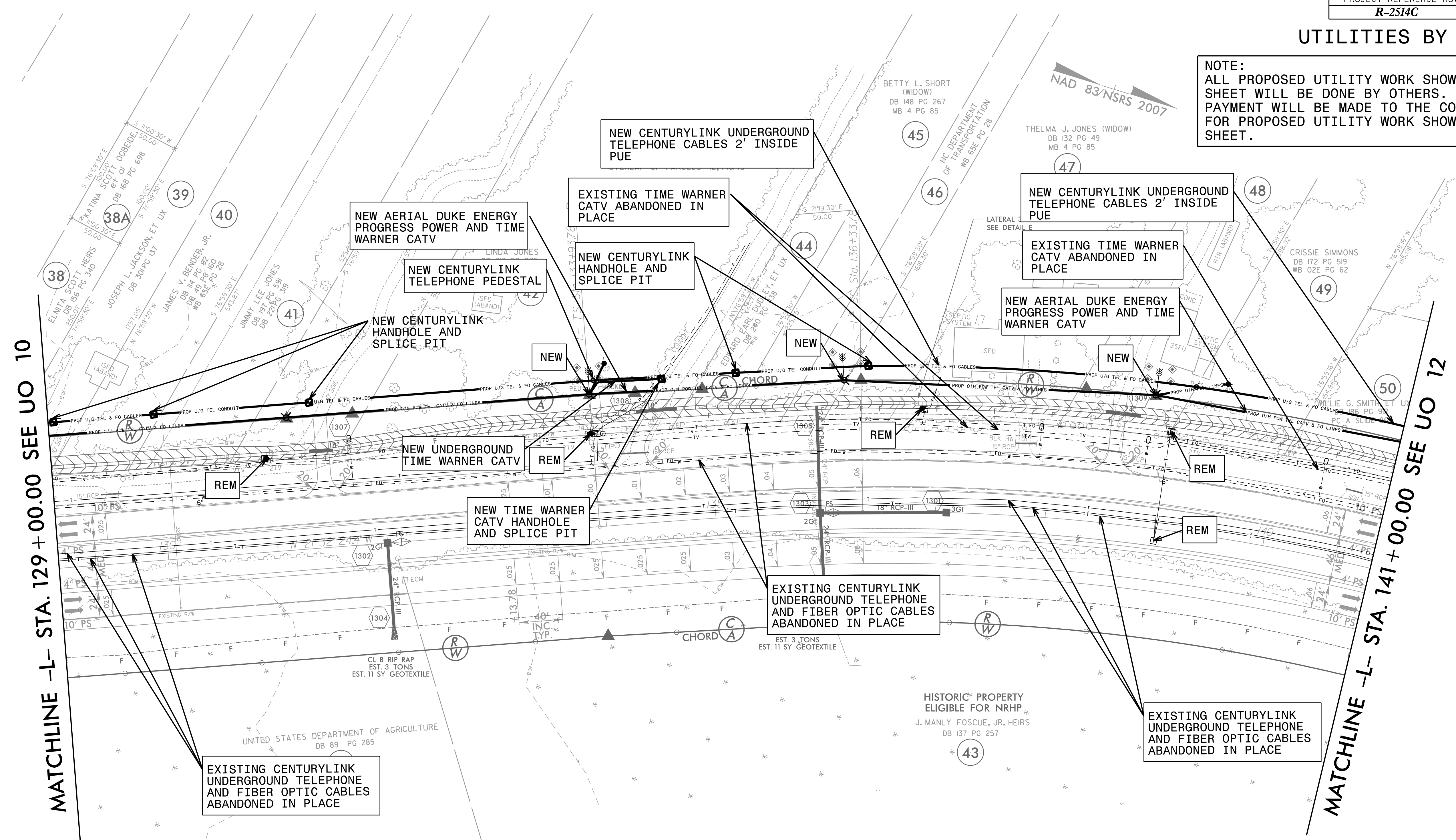


- NOTES:**
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.


<p>UTILITY OWNERS ON THIS SHEET</p>	<p>PLANS PREPARED BY :</p>
<p>DUKE PROGRESS ENERGY - POWER TIME WARNER - CATV CENTURYLINK - TELEPHONE AND FIBER OPTIC</p>	<p>RK&K RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 • (919) 878-9560</p>

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.



- NOTES:**
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET	PLANS PREPARED BY :
DUKE PROGRESS ENERGY - POWER TIME WARNER - CATV CENTURYLINK - TELEPHONE AND FIBER OPTIC	 RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 • (919) 878-9560

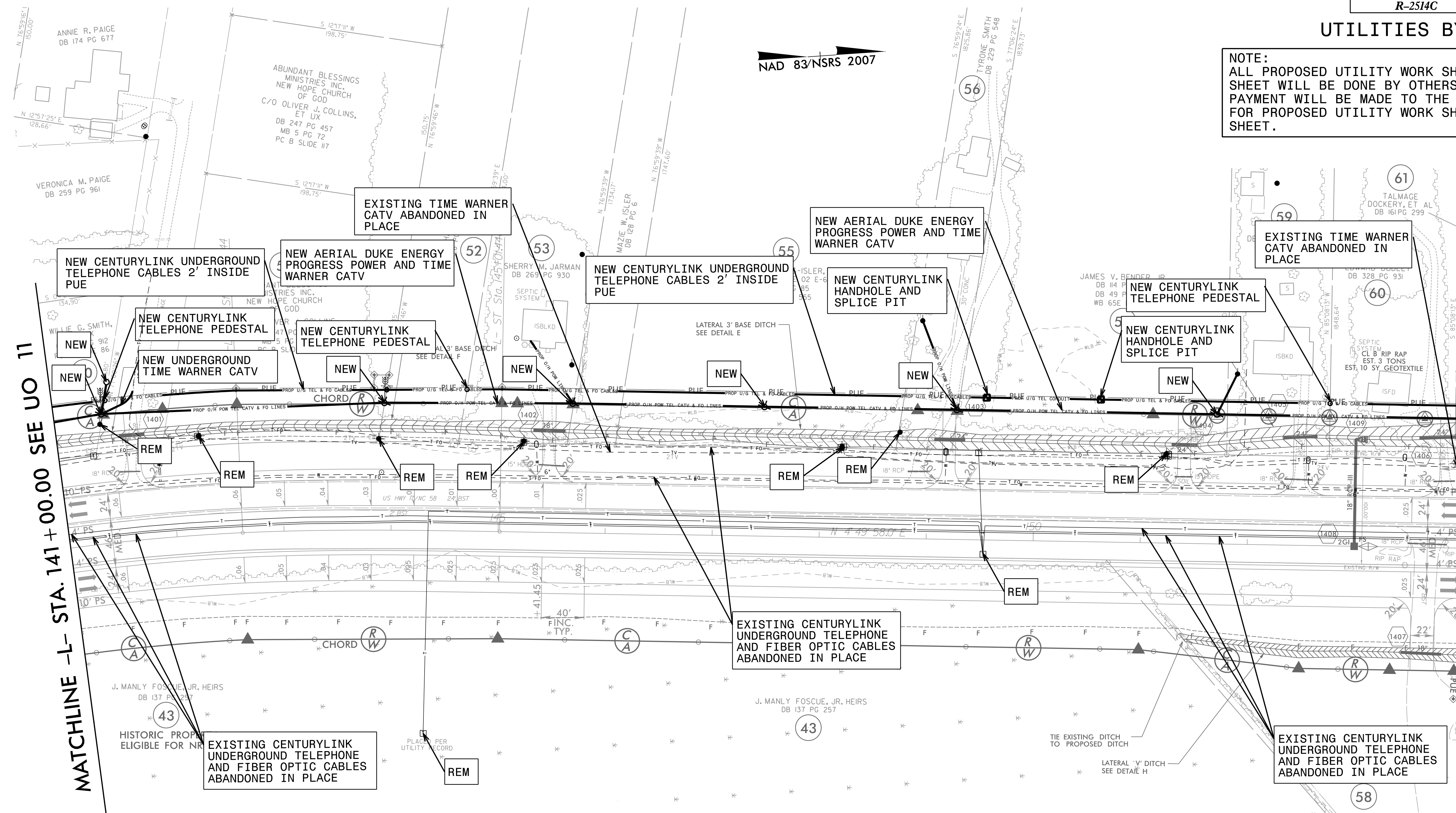
UTILITIES BY OTHERS

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.

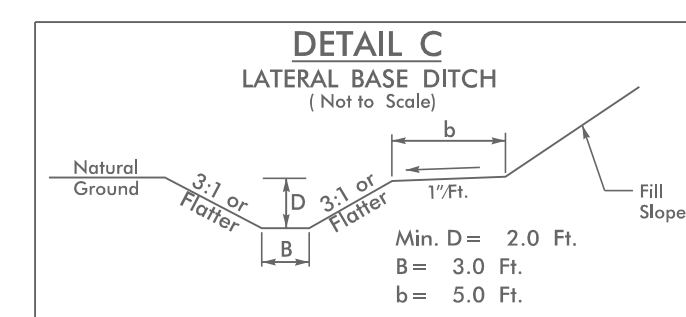
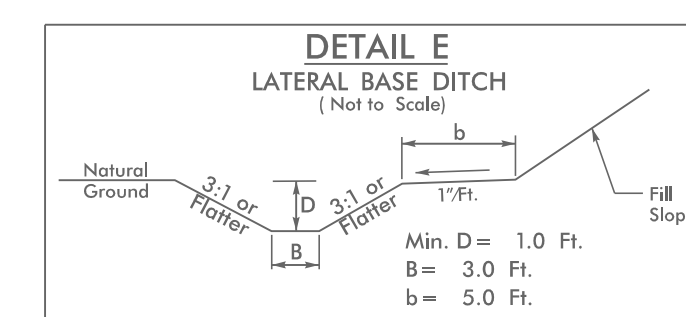
NAD 83/NSRS 2007

MATCHLINE -L- STA. 141+00.00 SEE UO 11

MATCHLINE -L- STA. 154+00.00 SEE UO 13



-L-	
PI Sta 139+50.54	PIs Sta 143+41.47
$\Delta = 19^{\circ}04'40.6''$ (RT)	$\Theta_s = 3^{\circ}38'50.9''$
$D = 3^{\circ}02'22.4''$	$L_s = 240.00'$
$L = 627.65'$	$LT = 160.03'$
$T = 316.76'$	$ST = 80.03'$
$R = 1,885.00'$	
$SE = .06$	
$RO = 240'$	



-L- STA. 104+50 TO STA. 142+00 LT DDE=4025 CY
 -L- STA. 147+00 TO STA. 151+50 LT DDE=264 CY

-L- STA. 151+50 TO STA. 181+00 LT
 DDE=6255 CY

NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET

- DUKE PROGRESS ENERGY - POWER
- TIME WARNER - CATV
- CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560

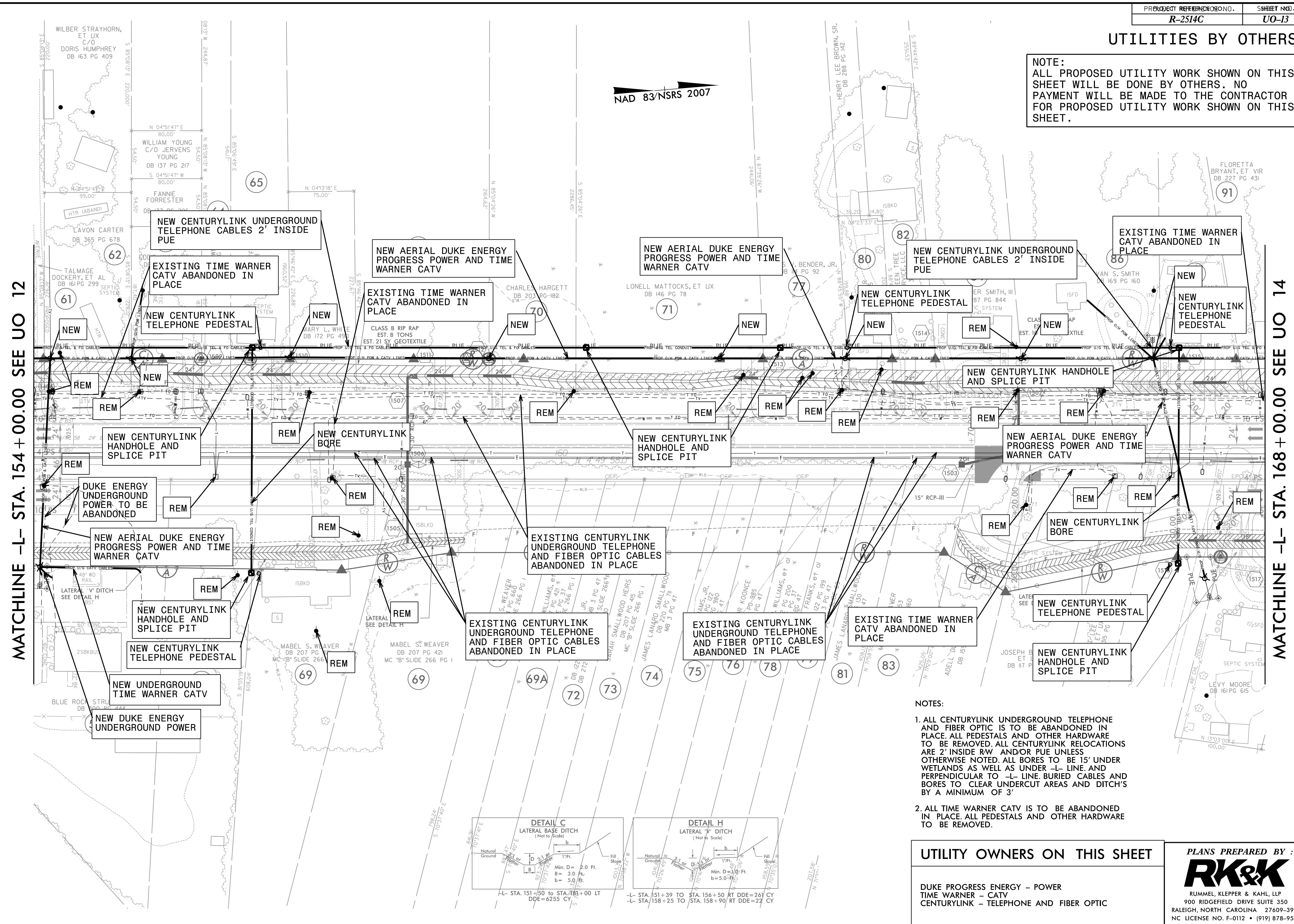
UTILITIES BY OTHERS

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.

NAD 83/NSRS 2007

MATCHLINE -L- STA. 154 + 00.00 SEE UO 12

MATCHLINE -L- STA. 168 + 00.00 SEE UO 14



- NOTES:
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

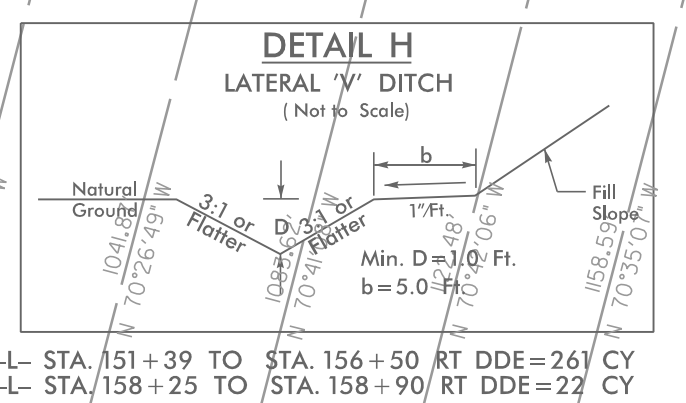
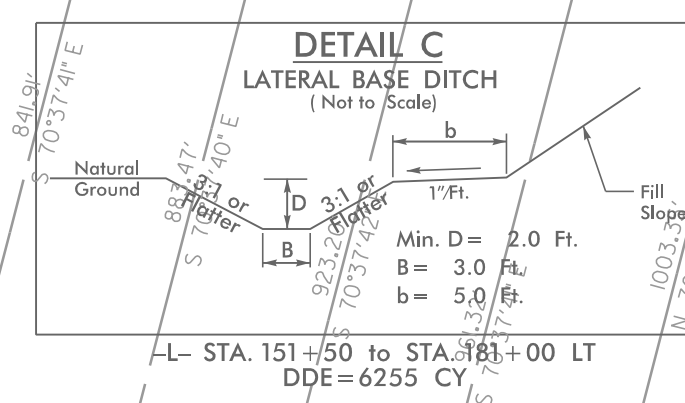
UTILITY OWNERS ON THIS SHEET

- DUKE PROGRESS ENERGY - POWER
- TIME WARNER - CATV
- CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :

RK&K

RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560



-L- STA. 151+50 TO STA. 161+00 LT DDE=6255 CY
-L- STA. 151+39 TO STA. 156+50 RT DDE=261 CY
-L- STA. 158+25 TO STA. 158+90 RT DDE=22 CY

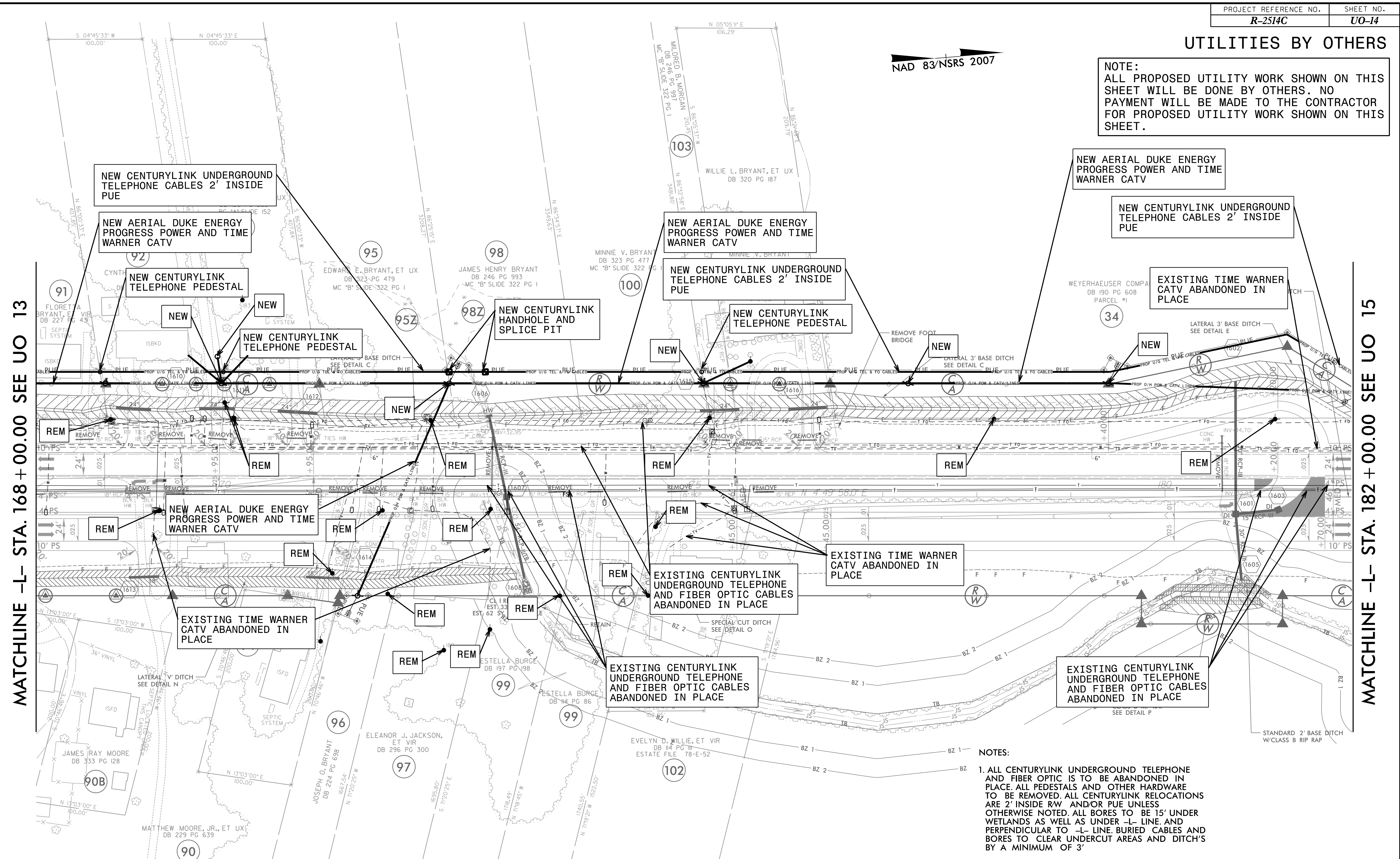
UTILITIES BY OTHERS

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.

NAD 83/NSRS 2007

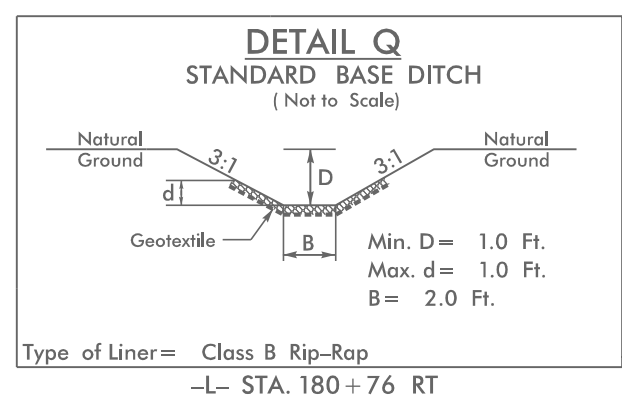
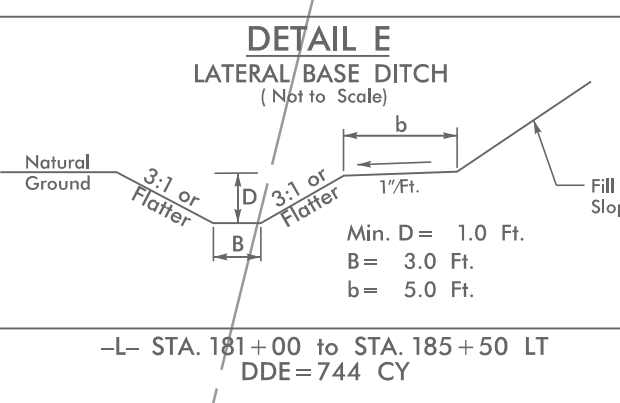
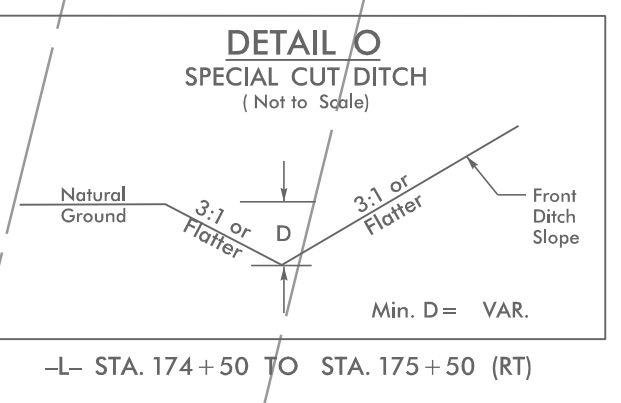
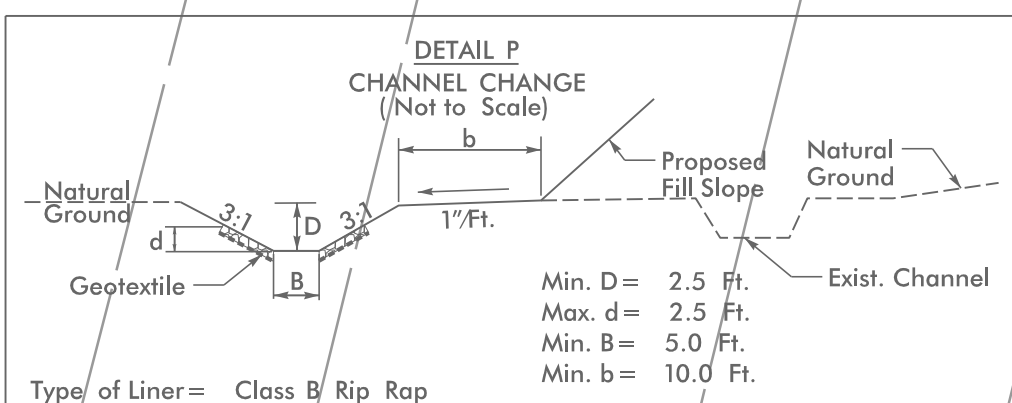
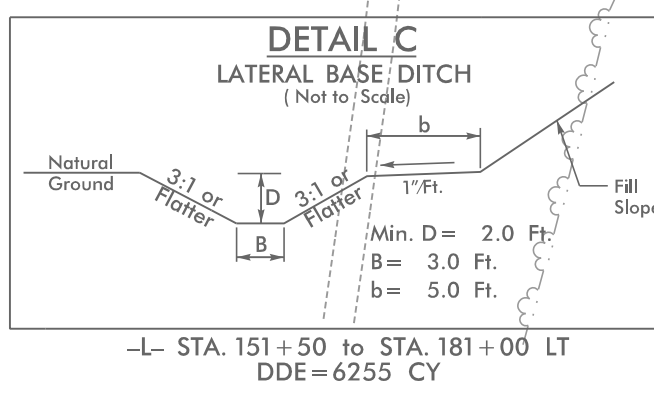
MATCHLINE -L- STA. 168 + 00.00 SEE UO 13

MATCHLINE -L- STA. 182 + 00.00 SEE UO 15



NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.



UTILITY OWNERS ON THIS SHEET

- DUKE PROGRESS ENERGY - POWER
- TIME WARNER - CATV
- CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :

RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

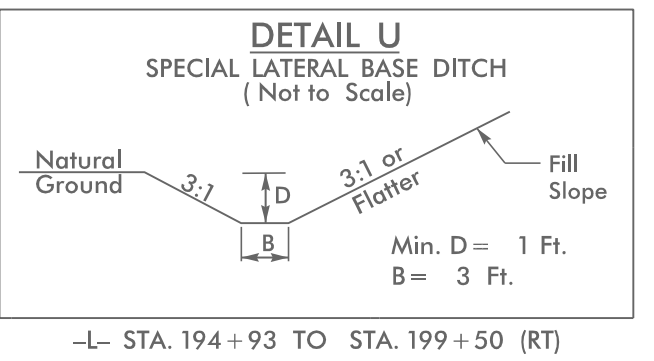
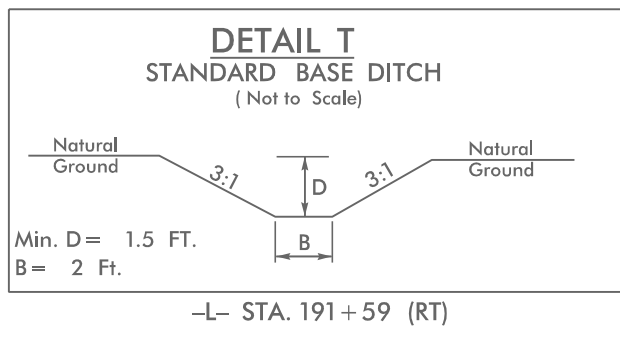
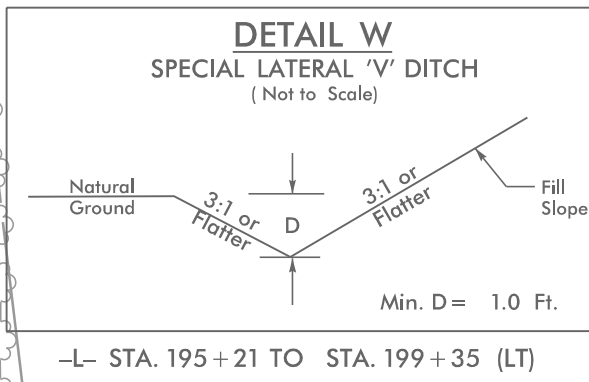
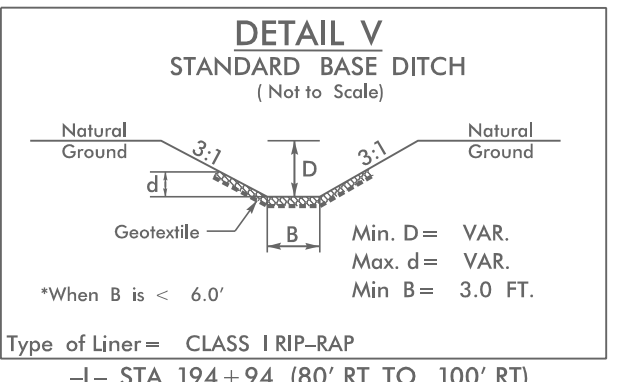
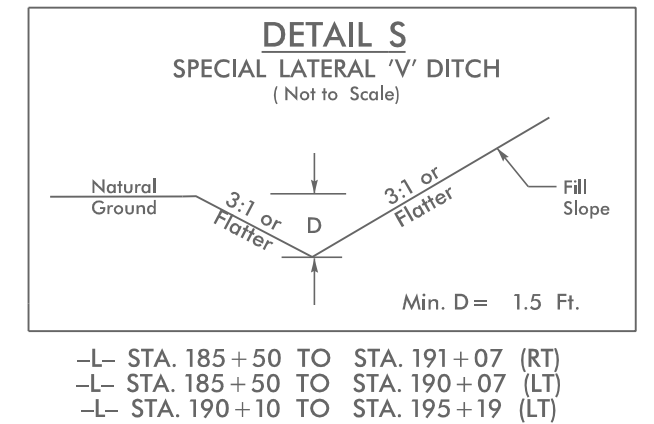
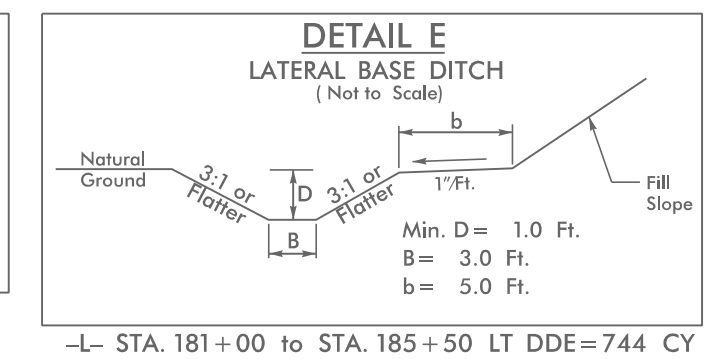
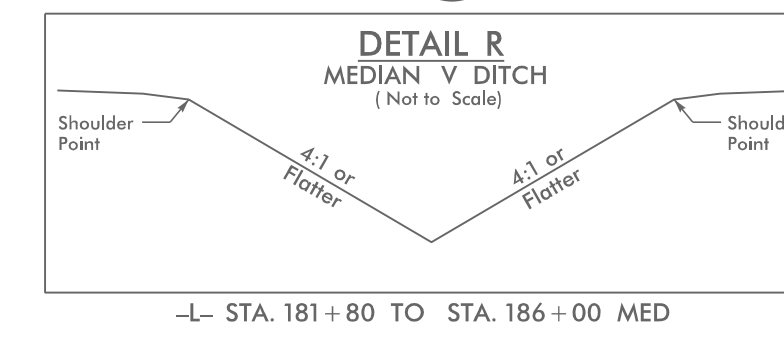
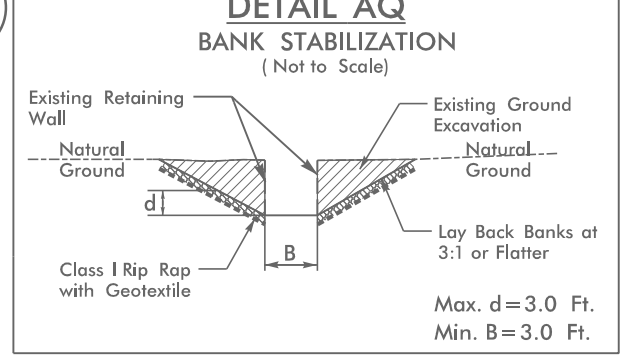
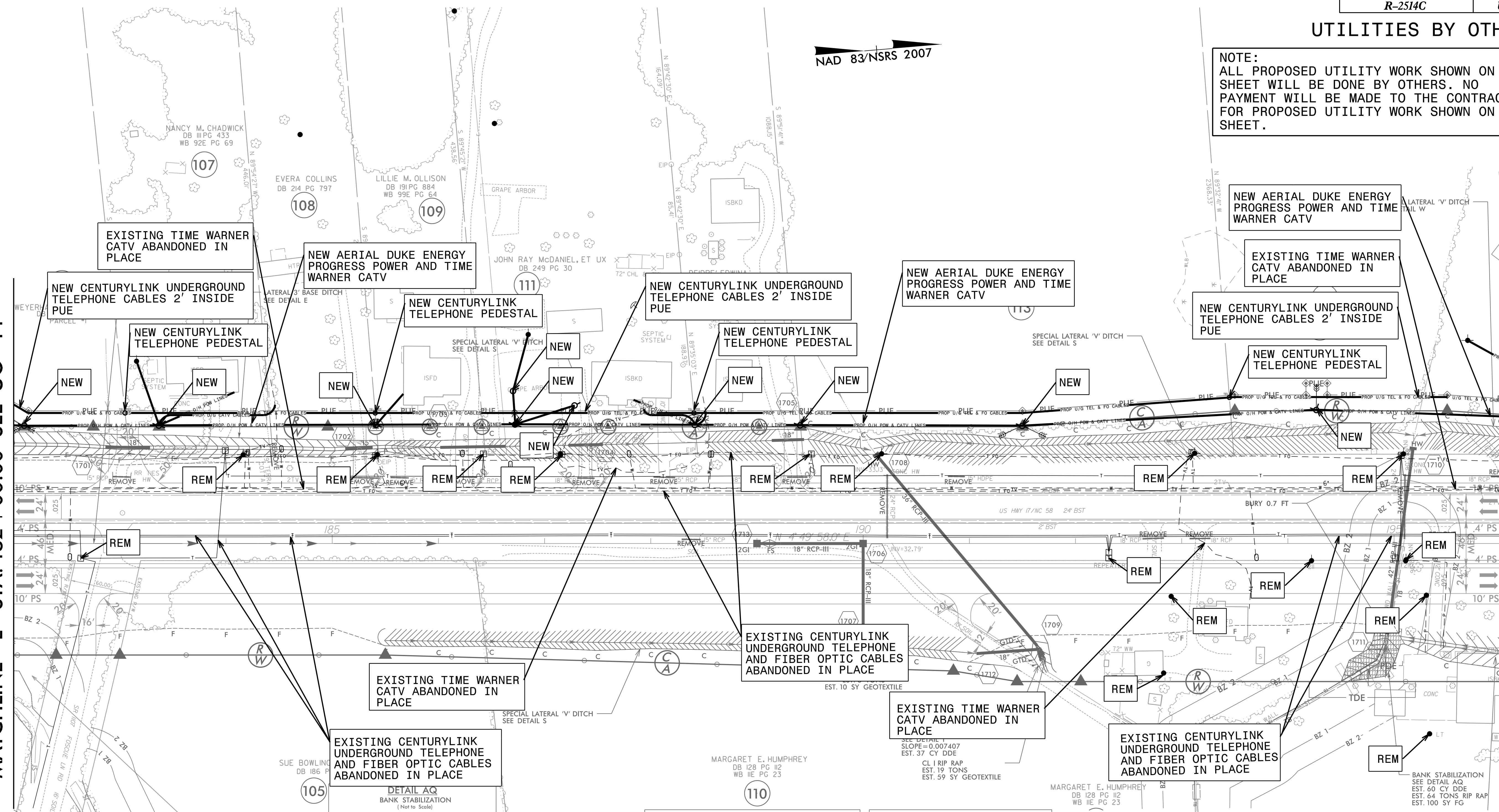
UTILITIES BY OTHERS

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.

NAD 83/NSRS 2007

MATCHLINE -L- STA. 182 + 00.00 SEE UO 14

MATCHLINE -L- STA. 196 + 00.00 SEE UO 16



NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

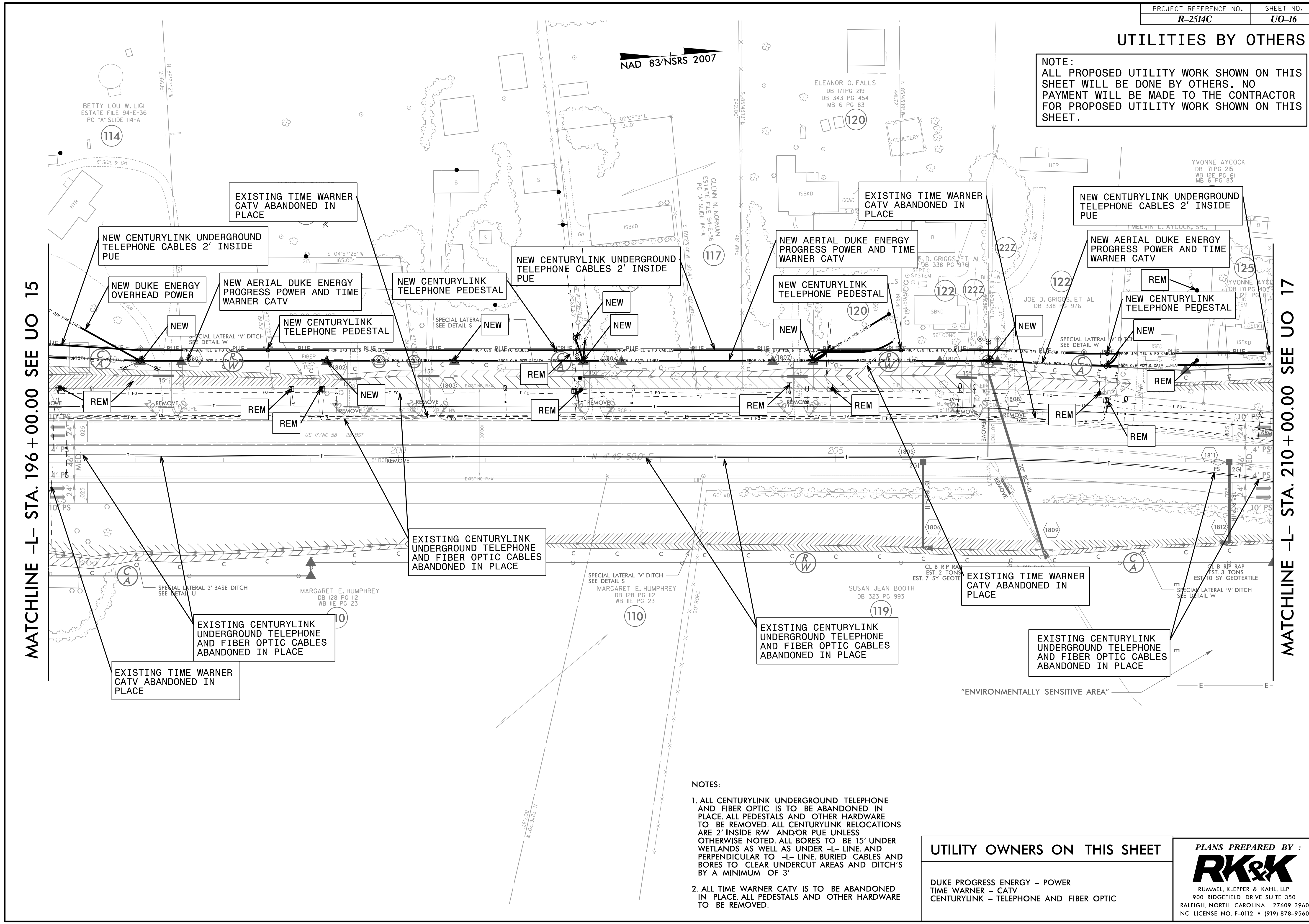
UTILITY OWNERS ON THIS SHEET

DUKE PROGRESS ENERGY - POWER
TIME WARNER - CATV
CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

UTILITIES BY OTHERS

NOTE:
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MATCHLINE -L- STA. 196 + 00.00 SEE UO 15

MATCHLINE -L- STA. 210 + 00.00 SEE UO 17

NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE R/W AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE. AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET

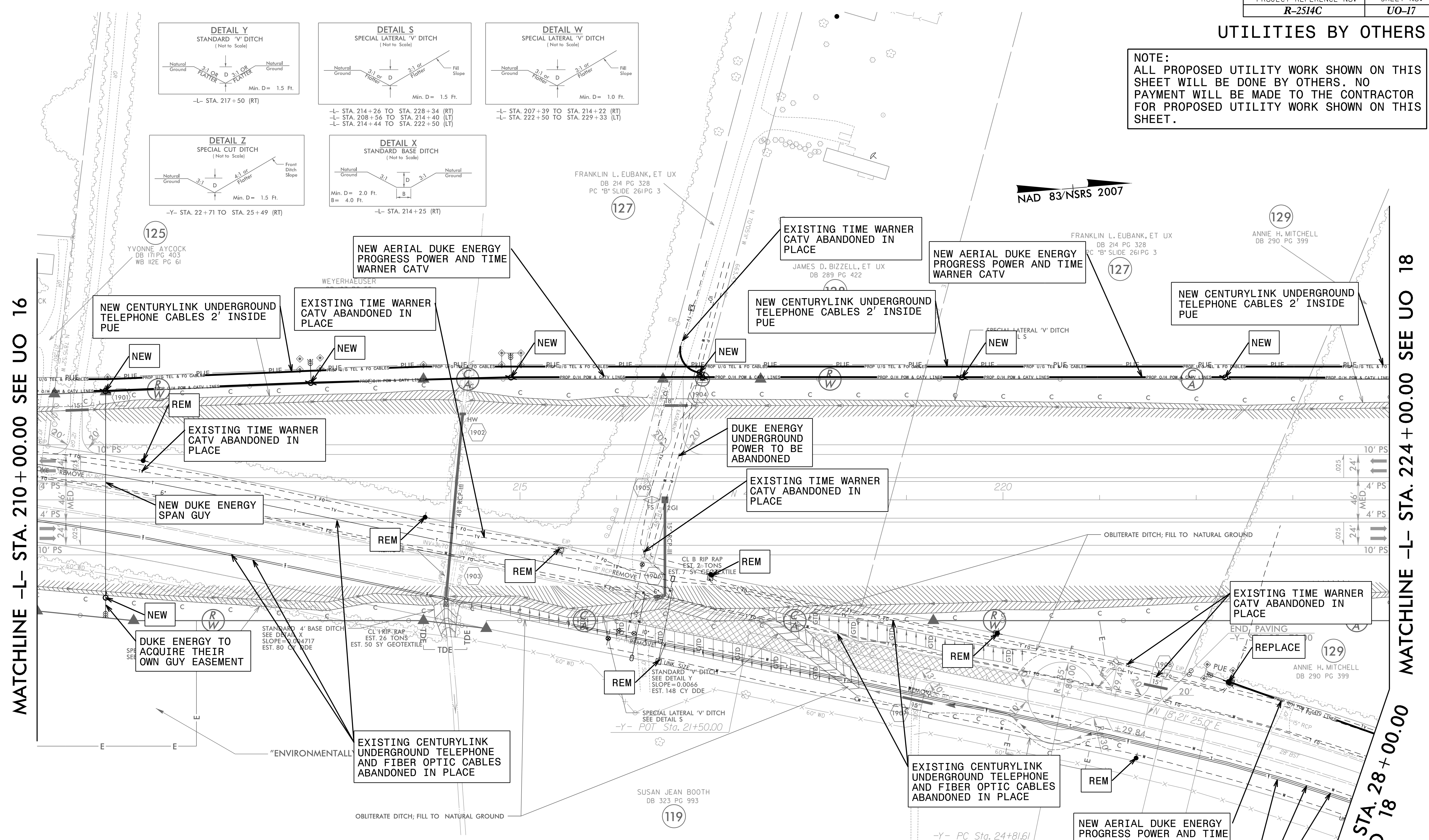
DUKE PROGRESS ENERGY - POWER
TIME WARNER - CATV
CENTURYLINK - TELEPHONE AND FIBER OPTIC

PLANS PREPARED BY :

RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

UTILITIES BY OTHERS

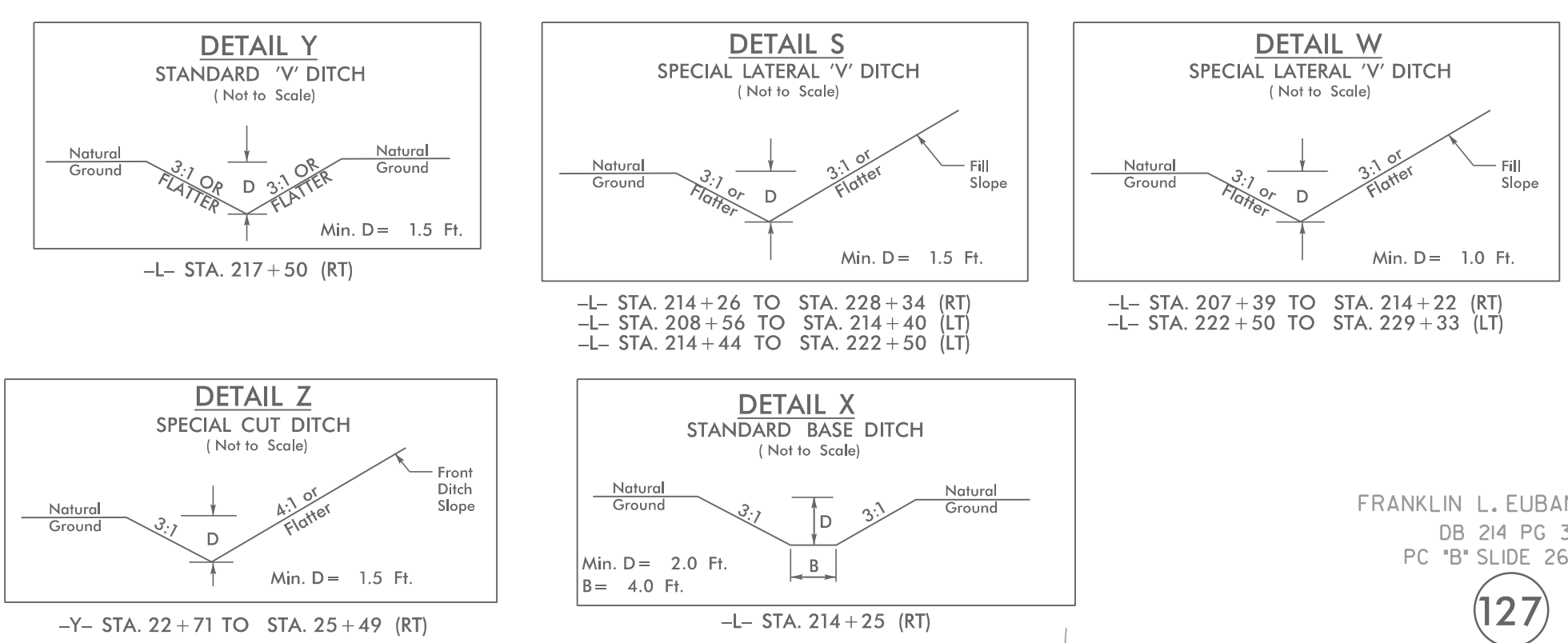
NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.




MATCHLINE -L- STA. 210 + 00.00 SEE UO 16

MATCHLINE -L- STA. 224 + 00.00 SEE UO 18

MATCHLINE -Y- STA. 28 + 00.00 SEE UO 18



- NOTES:**
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE R/W AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560

UTILITY OWNERS ON THIS SHEET

DUKE PROGRESS ENERGY - POWER
 TIME WARNER - CATV
 CENTURYLINK - TELEPHONE AND FIBER OPTIC

UTILITY OWNERS ON THIS SHEET

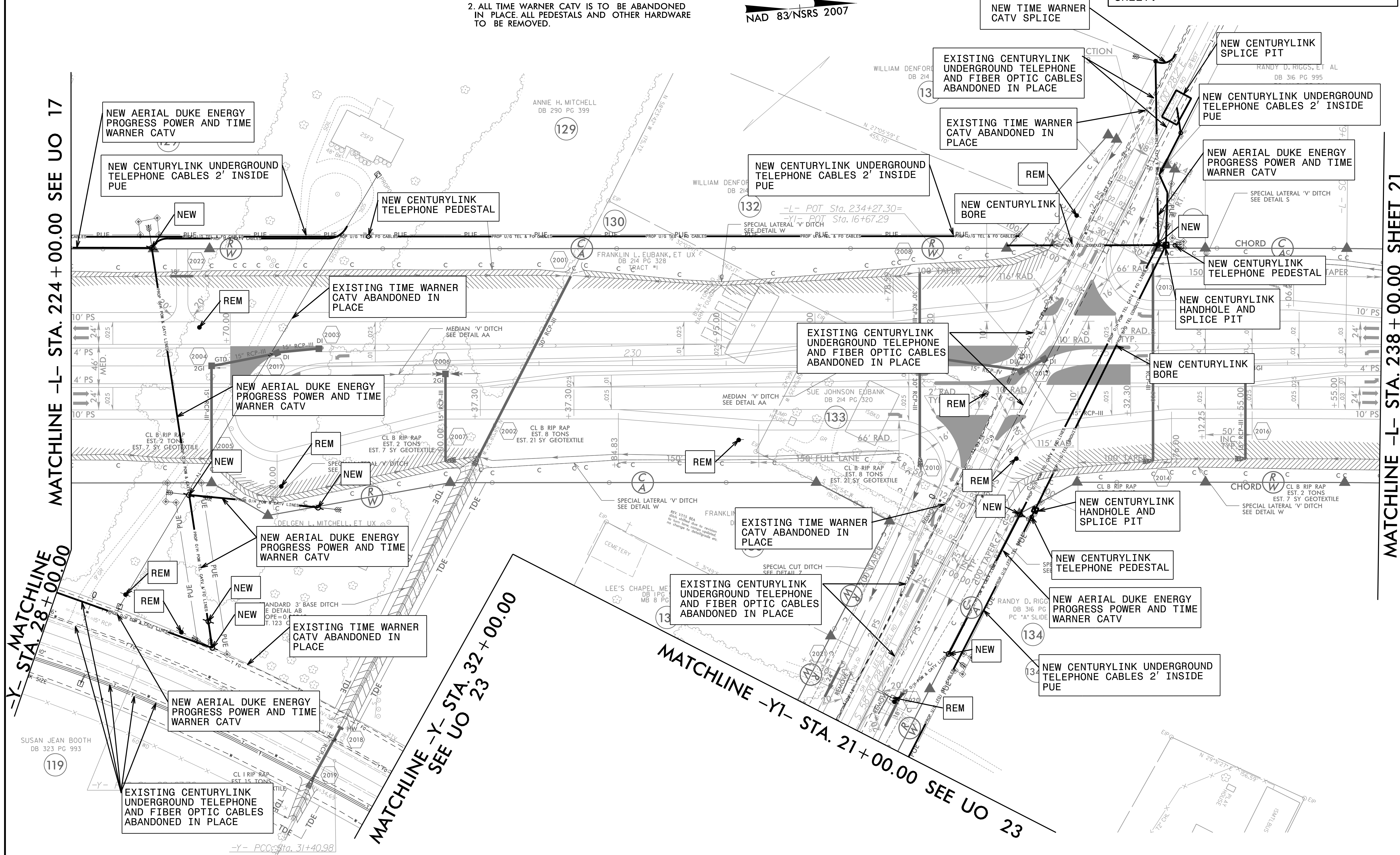
DUKE PROGRESS ENERGY – POWER
 TIME WARNER – CATV
 CENTURYLINK – TELEPHONE AND FIBER OPTIC

NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

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.

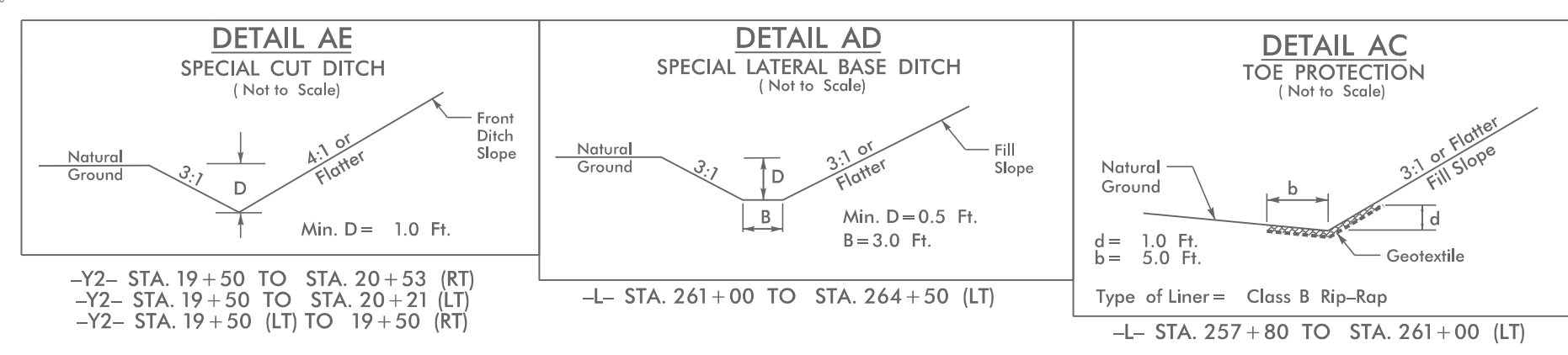
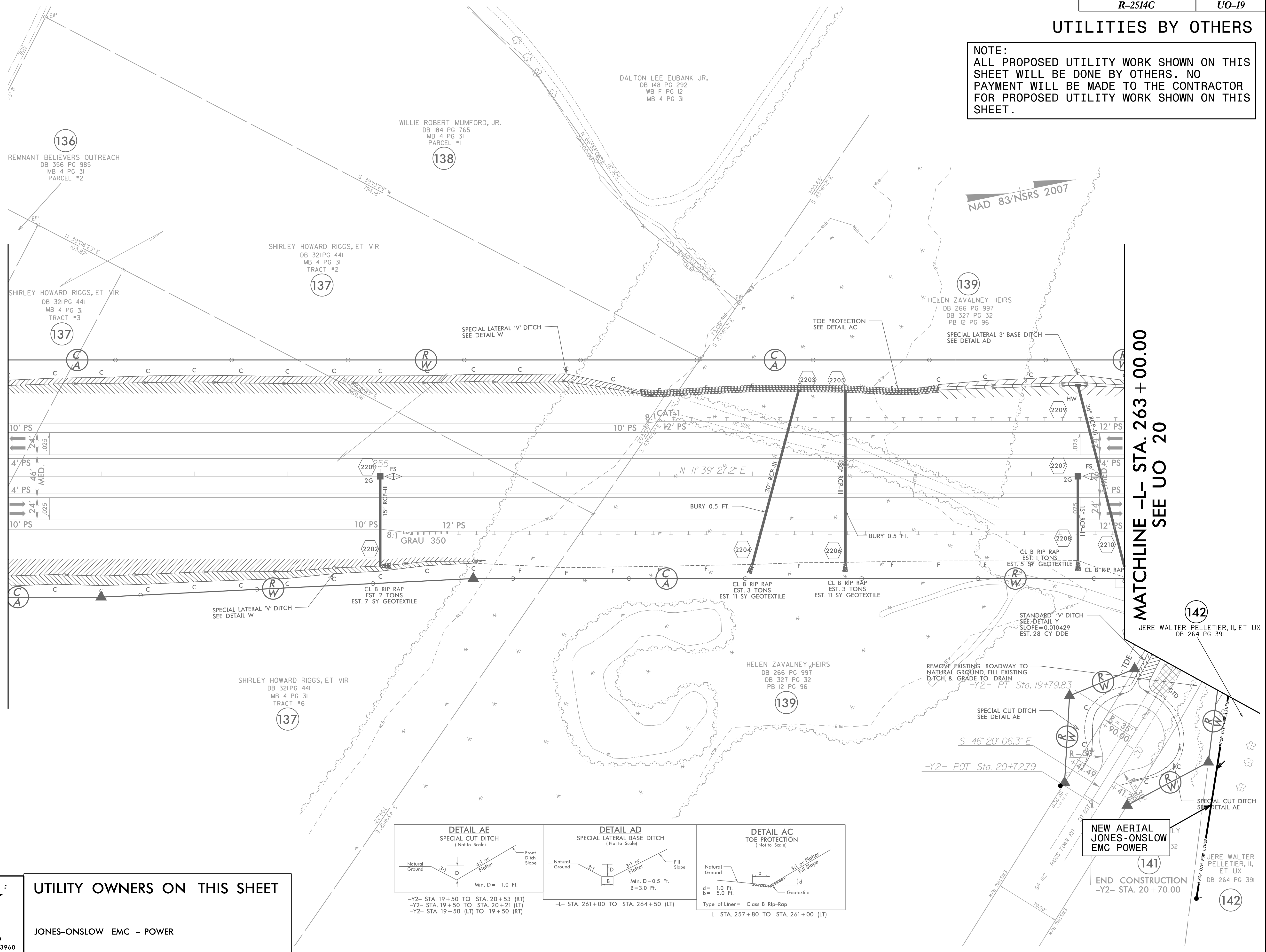


UTILITIES BY OTHERS

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 -L- STA. 251+00.00 SEE SHEET 21

MATCHLINE -L- STA. 263+00.00 SEE UO 20



PLANS PREPARED BY:
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

UTILITY OWNERS ON THIS SHEET

JONES-ONSLOW EMC - POWER

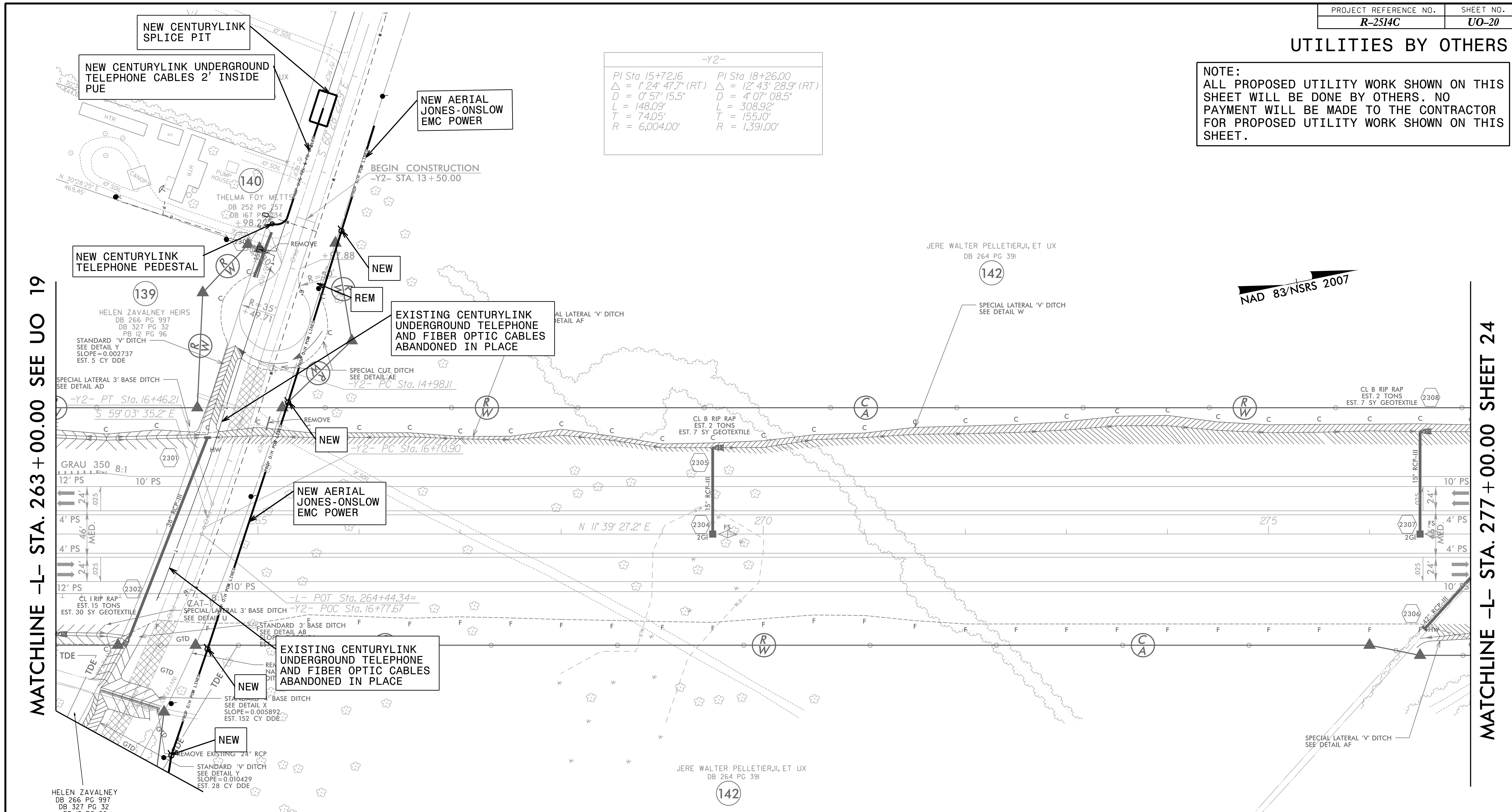
NEW AERIAL JONES-ONSLOW EMC POWER
END CONSTRUCTION
-Y2- STA. 20+70.00

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.

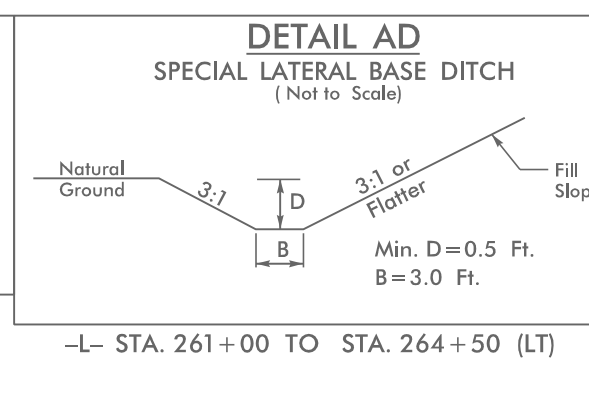
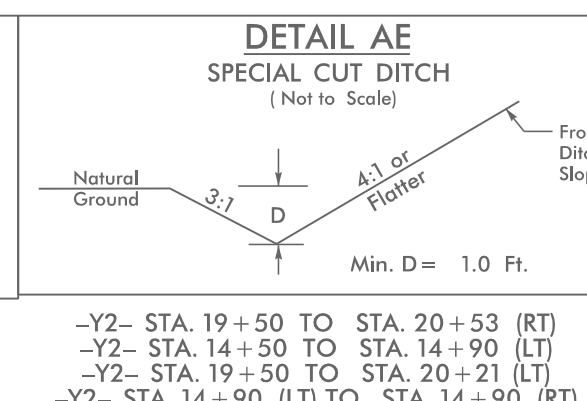
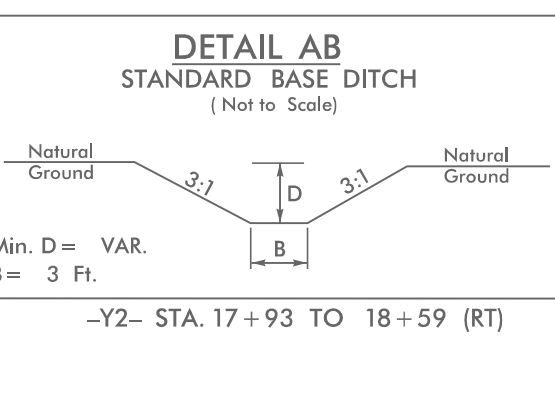
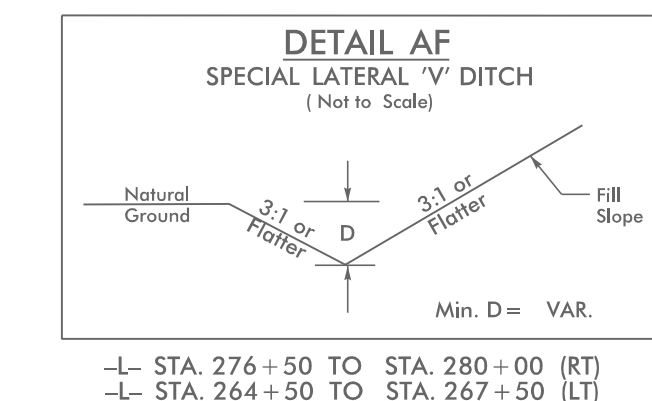
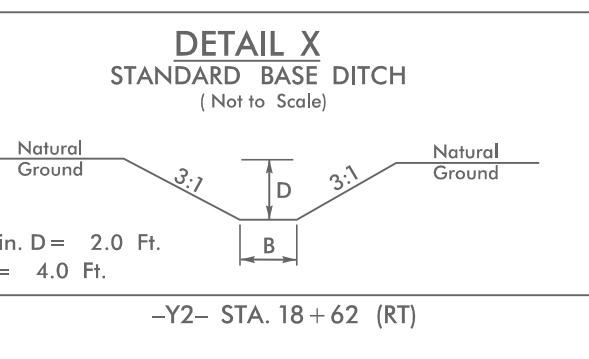
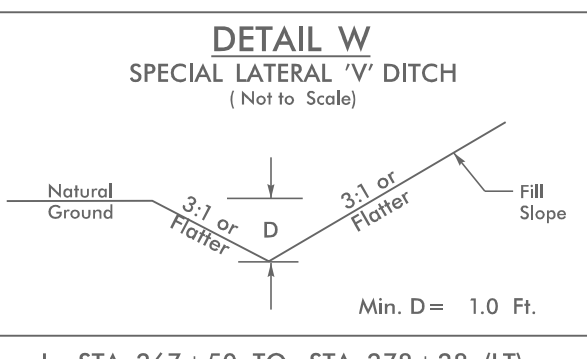
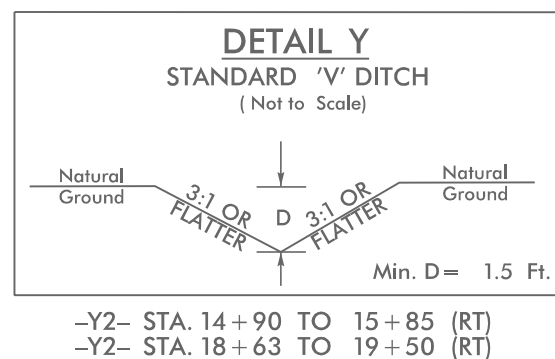
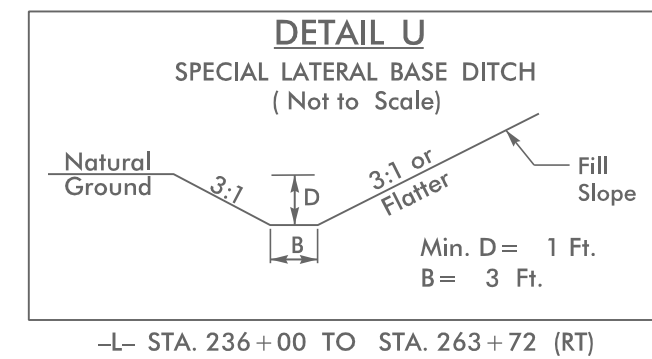
-Y2-

PI Sta 15+72.16	PI Sta 18+26.00
$\Delta = 1^{\circ}24'47.7''$ (RT)	$\Delta = 12^{\circ}43'28.9''$ (RT)
$D = 0^{\circ}57'15.5''$	$D = 4^{\circ}07'08.5''$
$L = 148.09'$	$L = 308.92'$
$T = 74.05'$	$T = 155.10'$
$R = 6,004.00'$	$R = 1,391.00'$



MATCHLINE -L- STA. 263 + 00.00 SEE UO 19

MATCHLINE -L- STA. 277 + 00.00 SHEET 24



NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE, AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'

UTILITY OWNERS ON THIS SHEET

JONES-ONSLOW EMC - POWER
 CENTURYLINK - TELEPHONE/FIBER OPTIC

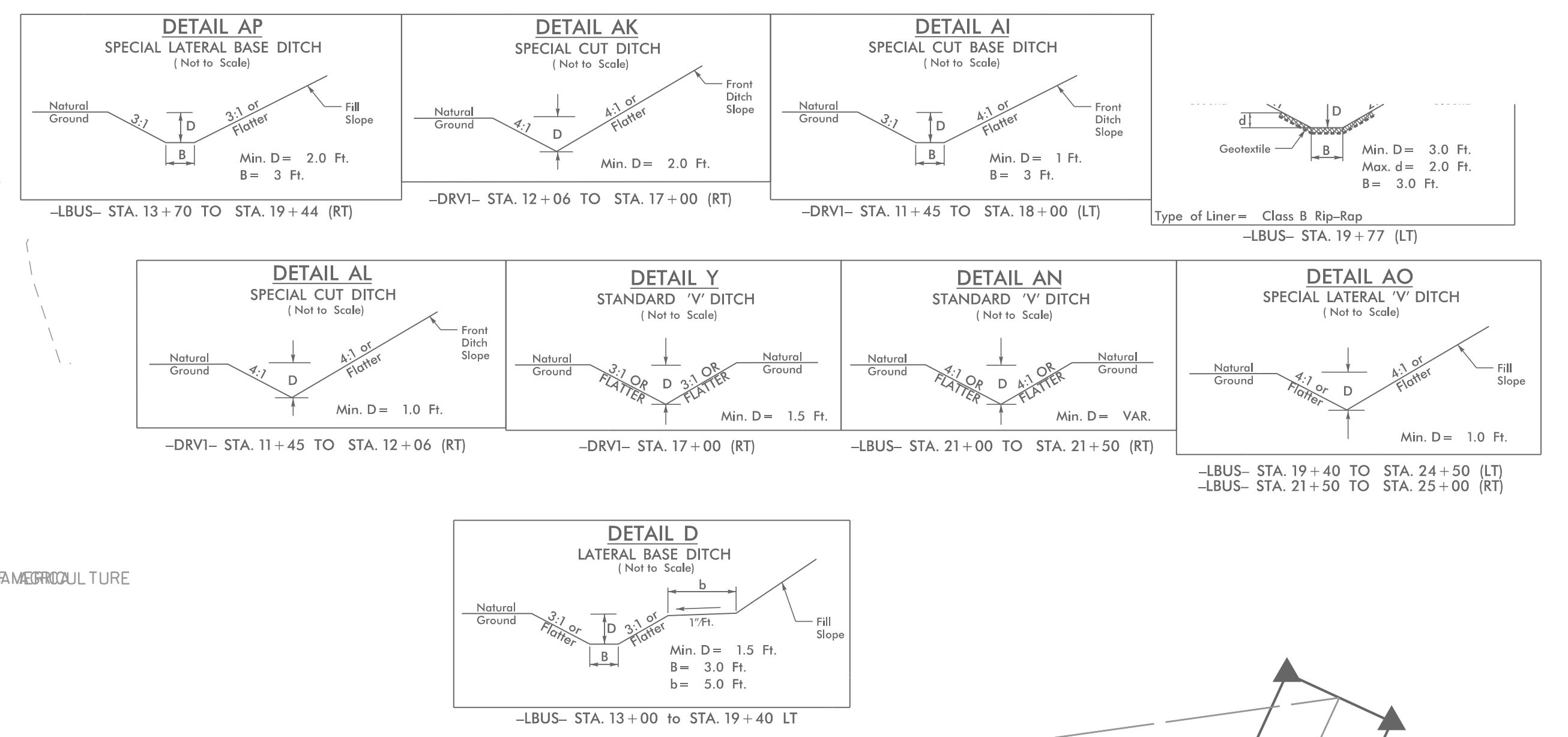
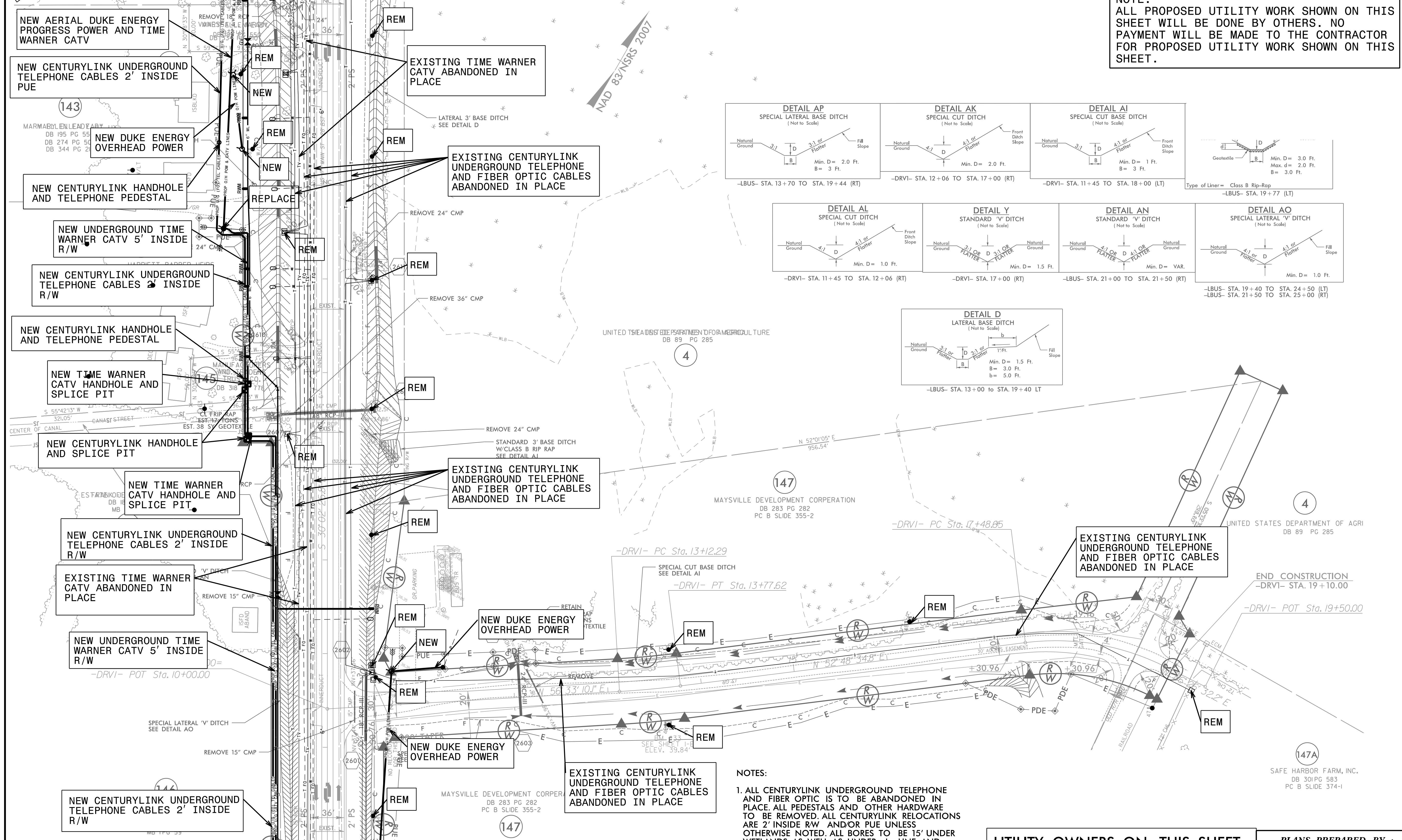
PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560

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 -LBUS- STA. 15+00.00 SEE UO 2



MATCHLINE -LBUS- STA. 24+00.00 SEE UO 22

- NOTES:**
1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
 2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET

JONES-OSLOW EMC - POWER
CENTURYLINK - TELEPHONE/FIBER OPTIC
TIME WARNER - CATV

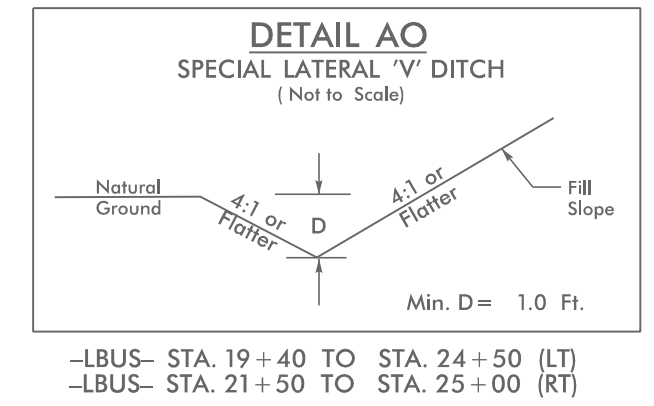
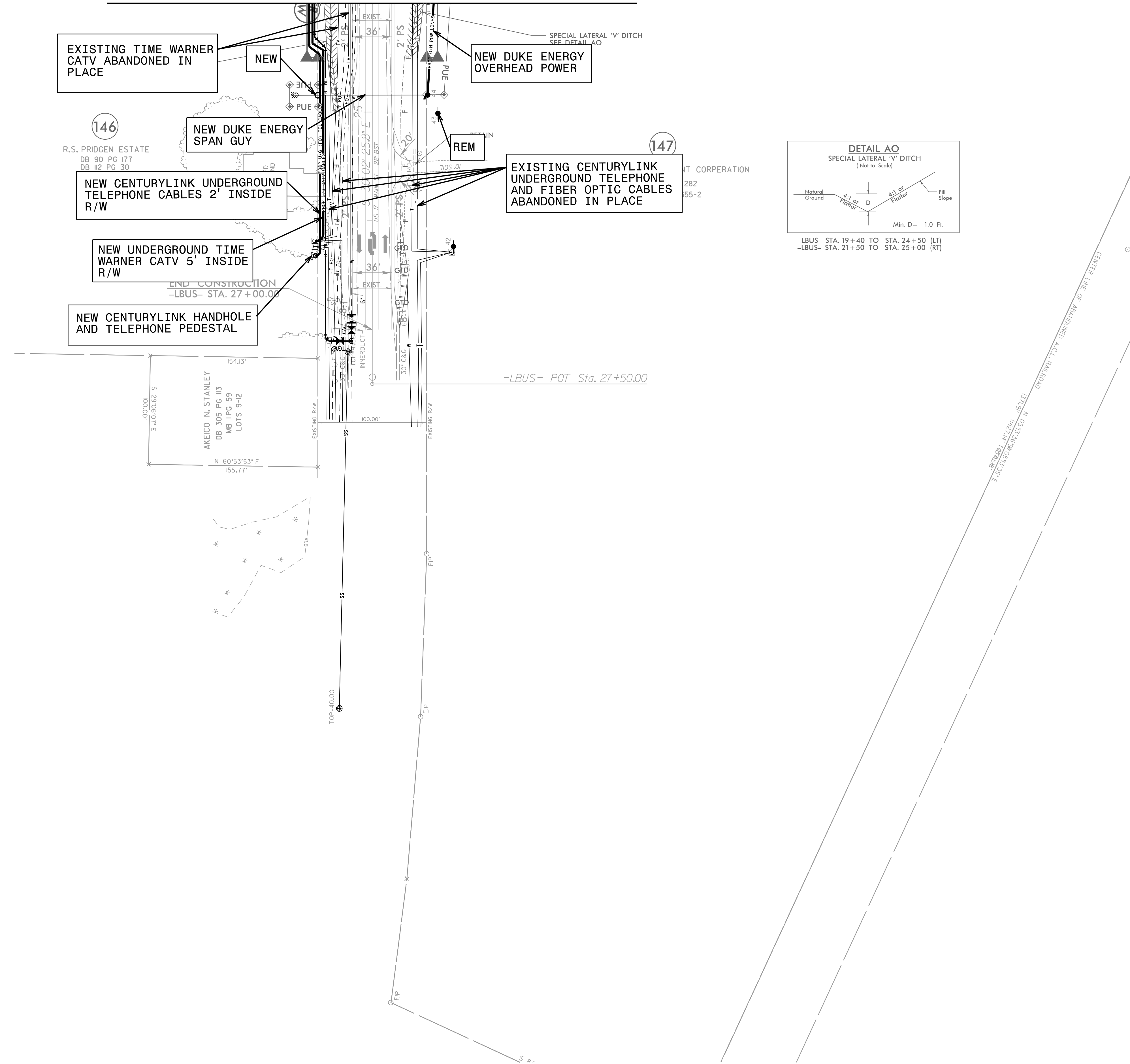
PLANS PREPARED BY :

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RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

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 -LBUS- STA. 24+00.00 SEE UO 21



-LBUS- STA. 19+40 TO STA. 24+50 (LT)
-LBUS- STA. 21+50 TO STA. 25+00 (RT)

NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCH'S BY A MINIMUM OF 3'
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET

JONES-ONSLow EMC - POWER
CENTURYLINK - TELEPHONE/FIBER OPTIC
TIME WARNER - CATV

PLANS PREPARED BY :

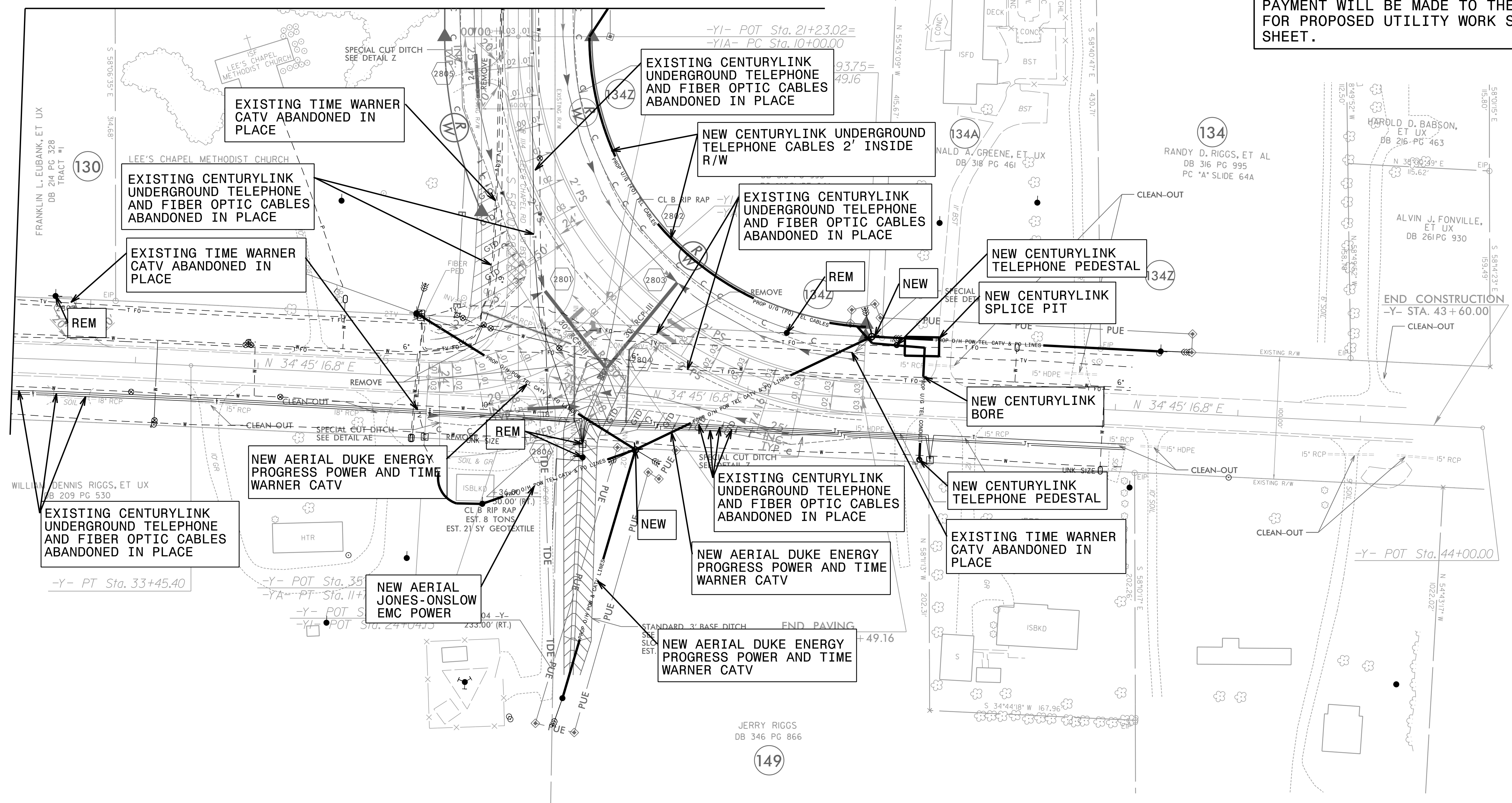
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UTILITIES BY OTHERS

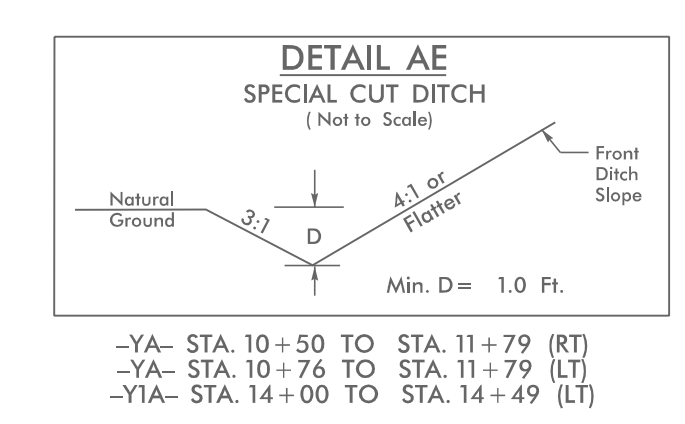
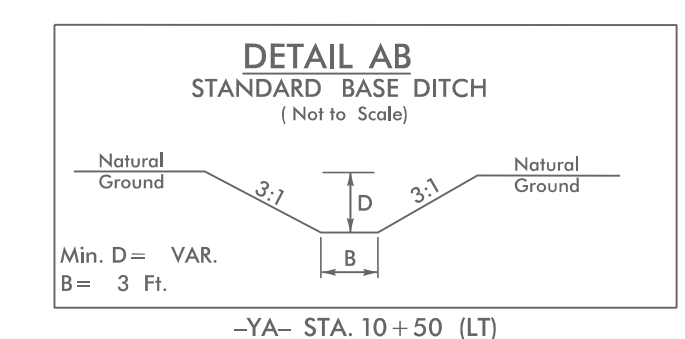
NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

MATCHLINE -Y1- STA. 21+00.00 SEE UO 18

MATCHLINE -Y- STA. 32+00.00 SEE UO 18



-Y-	-YA-	-Y1A-
PI Sta 32+43.19	PI Sta 11+09.43	PI Sta 12+81.11
$\Delta = 1^{\circ} 03' 35.2''$ (RT)	$\Delta = 46^{\circ} 48' 13.2''$ (RT)	$\Delta = 87^{\circ} 14' 15.0''$ (LT)
D = 0' 31' 06.4"	D = 31' 49' 51.6"	D = 19' 25' 20.3"
L = 204.41'	L = 147.04'	L = 449.16'
T = 102.21'	T = 77.90'	T = 281.11'
R = 11,051.47'	R = 180.00'	R = 295.00'
	SE = SEE PLANS	SE = SEE PLANS



NOTES:

1. ALL CENTURYLINK UNDERGROUND TELEPHONE AND FIBER OPTIC IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED. ALL CENTURYLINK RELOCATIONS ARE 2' INSIDE RW AND/OR PUE UNLESS OTHERWISE NOTED. ALL BORES TO BE 15' UNDER WETLANDS AS WELL AS UNDER -L- LINE AND PERPENDICULAR TO -L- LINE. BURIED CABLES AND BORES TO CLEAR UNDERCUT AREAS AND DITCHES BY A MINIMUM OF 3'.
2. ALL TIME WARNER CATV IS TO BE ABANDONED IN PLACE. ALL PEDESTALS AND OTHER HARDWARE TO BE REMOVED.

UTILITY OWNERS ON THIS SHEET

JONES-ONSLow EMC - POWER
CENTURYLINK - TELEPHONE/FIBER OPTIC
TIME WARNER - CATV

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