

15/08/2006

PROJECT: W03291

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

T.I.P. NO.	SHEET NO.
W03291	UO-1

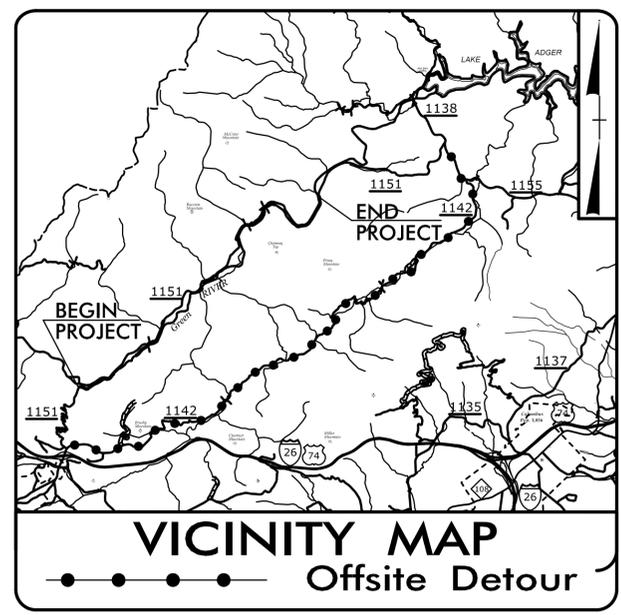
NOTE:
ALL UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.

**UTILITIES BY OTHERS PLANS
POLK COUNTY**

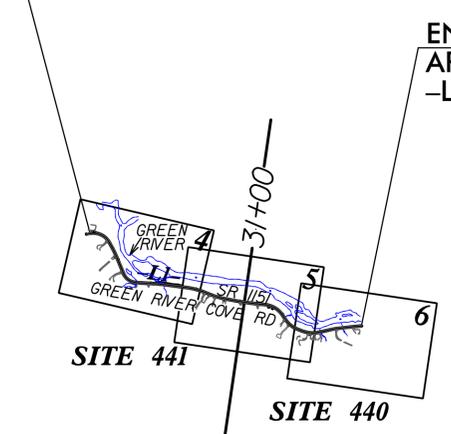
LOCATION: SR 1151 (GREEN RIVER COVE RD.)

TYPE OF WORK: POWER & COMMUNICATIONS

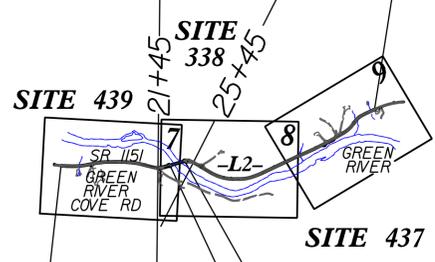
PART II



BEGIN PROJECT W03291
-L1- STA. 10 + 40.00



BEGIN CONSTRUCTION AREA 2 (SITES 439, 338, & 437)
-L2- STA. 10 + 75.00

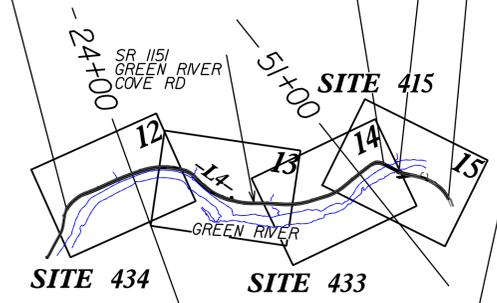


END CONSTRUCTION AREA 2 (SITES 439, 338, & 437)
-L2- STA. 47 + 75.00

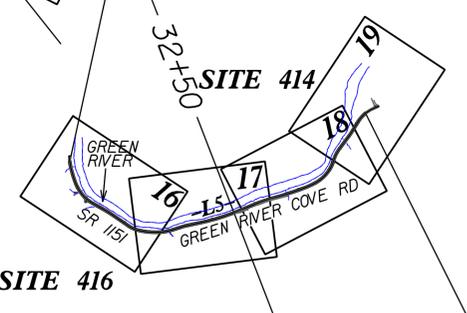
BEGIN CONSTRUCTION AREA 3 (SITE 435)
-L3- STA. 10 + 80.00



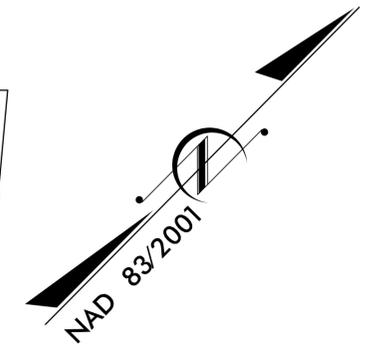
END CONSTRUCTION AREA 4 (SITES 434, 433, & 415)
-L4- STA. 62 + 30.00
-L4- STA. 55 + 91.40
END EXIST. BRIDGE
-L4- STA. 54 + 06.16
BEGIN EXIST. BRIDGE



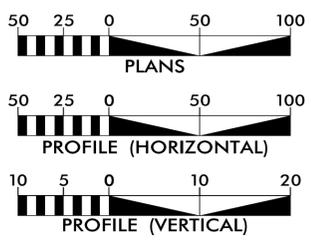
BEGIN CONSTRUCTION AREA 5 (SITES 416 & 414)
-L5- STA. 10 + 50.00



END PROJECT W03291
-L5- STA. 51 + 50.00



GRAPHIC SCALES



INDEX OF SHEETS

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-2 - UO-9	UBO PLAN SHEETS

UTILITY OWNERS WITH CONFLICTS

- (A) POWER - DUKE ENERGY
- (B) COMMUNICATIONS - RIVER STREET

PREPARED IN THE OFFICE OF:

TELICS
119 BROOKSTOWN AVE.
SUITE 305
WINSTON-SALEM, NC 27101
(336) 705-8844

CORY WOOD UTILITY PROJECT MANAGER
CORY WOOD PROJECT UTILITY COORDINATOR

**DIVISION OF HIGHWAYS
DIVISION 14**
253 WEBSTER ROAD
SYLVIA, NC 28779

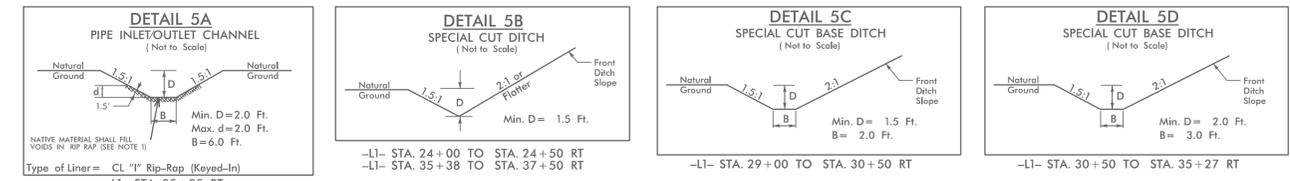
BOB GOLDING DIVISION UTILITY ENGINEER
ROBERT DYER ASST. DIVISION UTILITY ENGINEER

UTILITIES BY OTHERS

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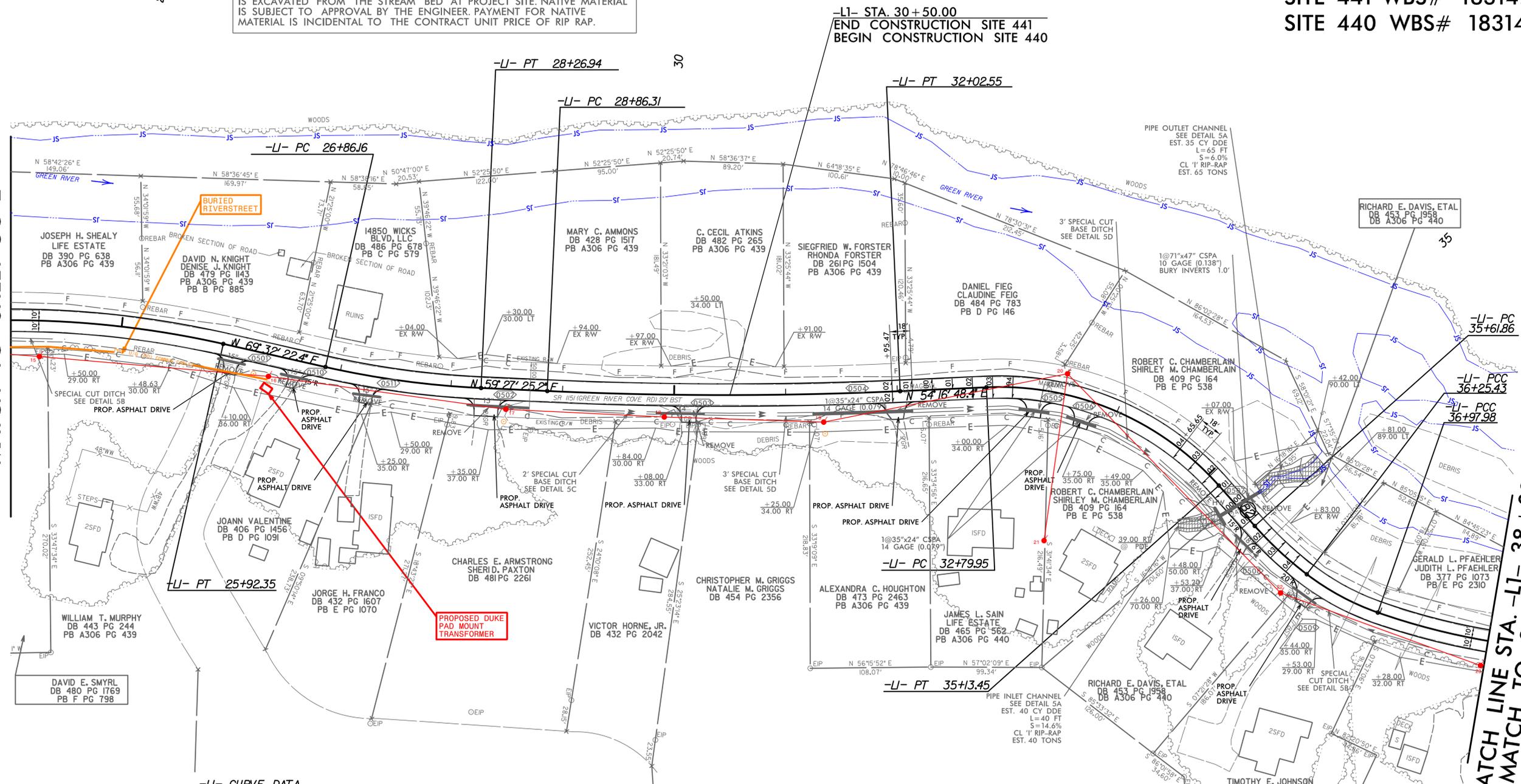
SITE 441 WBS# 18314.2075080
 SITE 440 WBS# 18314.2075079

GREEN RIVER COVE RD (SR 1151) SHALL BE RECONSTRUCTED UTILIZING THE EXISTING SECONDARY ROAD AGREEMENTS ALREADY IN PLACE. PROPOSED EASEMENTS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE USED SOLELY TO DEFINE THE AREA THE CONTRACTOR SHALL WORK IN FOR THE DURATION OF THIS PROJECT.



NOTE 1: WHERE NOTED ON THE PLANS, NATIVE MATERIAL SHALL BE PLACED ON TOP OF RIP RAP TO FILL VOIDS AND PROVIDE A FLAT SURFACE FOR ANIMAL PASSAGE. NATIVE MATERIAL CONSISTS OF ALLUVIAL MATERIAL THAT IS EXCAVATED FROM THE STREAM BED AT PROJECT SITE. NATIVE MATERIAL IS SUBJECT TO APPROVAL BY THE ENGINEER. PAYMENT FOR NATIVE MATERIAL IS INCIDENTAL TO THE CONTRACT UNIT PRICE OF RIP RAP.

MATCH LINE STA. -LI- 24+00
MATCH TO SHEET UO-2



MATCH LINE STA. -LI- 38+00
MATCH TO SHEET UO-4

-LI- CURVE DATA

PI Sta 24+90.63 Δ = 13° 31' 19.1" (RT) D = 6° 36' 58.1" L = 204.38' T = 102.67' R = 866.00' SE = NC DS = 40 MPH	PI Sta 27+56.73 Δ = 10° 04' 57.2" (LT) D = 7° 09' 43.1" L = 140.78' T = 70.57' R = 800.00' SE = NC DS = 40 MPH	PI Sta 30+44.54 Δ = 5° 10' 36.8" (LT) D = 1° 38' 13.3" L = 316.24' T = 158.23' R = 3,500.00' SE = NC DS = 45 MPH	PI Sta 34+05.03 Δ = 50° 52' 08.5" (RT) D = 21° 47' 07.7" L = 233.50' T = 125.08' R = 263.00' SE = 0.04 DS = 30 MPH
PI Sta 35+93.74 Δ = 11° 02' 12.6" (LT) D = 17° 21' 44.5" L = 63.57' T = 31.88' R = 330.00' SE = 0.04 DS = 30 MPH	PI Sta 36+62.00 Δ = 17° 59' 42.4" (LT) D = 24° 48' 12.1" L = 72.55' T = 36.58' R = 231.00' SE = 0.04 DS = 25 MPH	PI Sta 37+67.31 Δ = 13° 11' 02.9" (LT) D = 9° 32' 57.5" L = 138.06' T = 69.34' R = 600.00' SE = 0.04 DS = 40 MPH	⊙ = S 74° 51' 03.1" E

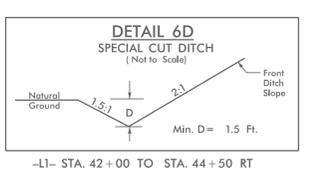
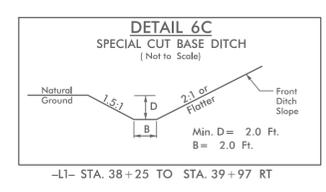
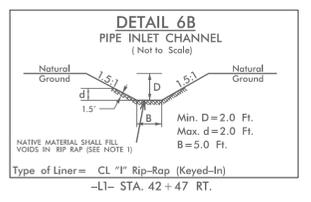
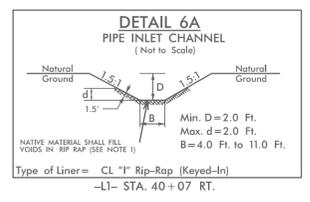
5/14/2019
 SYSTEMS
 VITTEL
 JENKINS

UTILITIES BY OTHERS

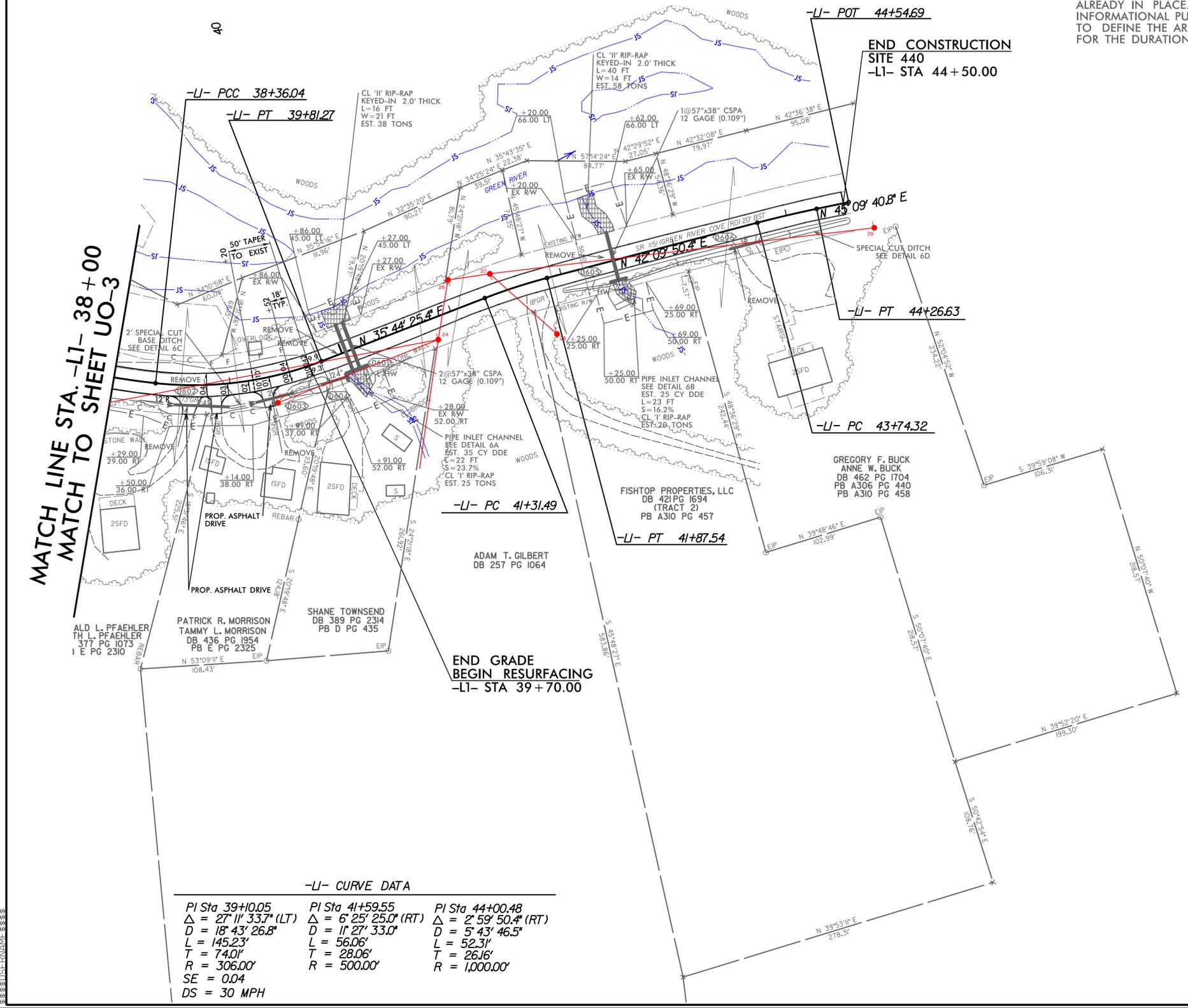
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

SITE 440 WBS# 18314.2075079

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-LI- CURVE DATA

PI Sta 39+10.05	PI Sta 41+59.55	PI Sta 44+00.48
$\Delta = 27^\circ 11' 33.7''$ (LT)	$\Delta = 6^\circ 25' 25.0''$ (RT)	$\Delta = 2^\circ 59' 50.4''$ (RT)
D = 18' 43" 26.8"	D = 1' 27" 33.0"	D = 5' 43" 46.5"
L = 145.23'	L = 56.06'	L = 52.31'
T = 74.01'	T = 28.06'	T = 26.16'
R = 306.00'	R = 500.00'	R = 1,000.00'
SE = 0.04		
DS = 30 MPH		

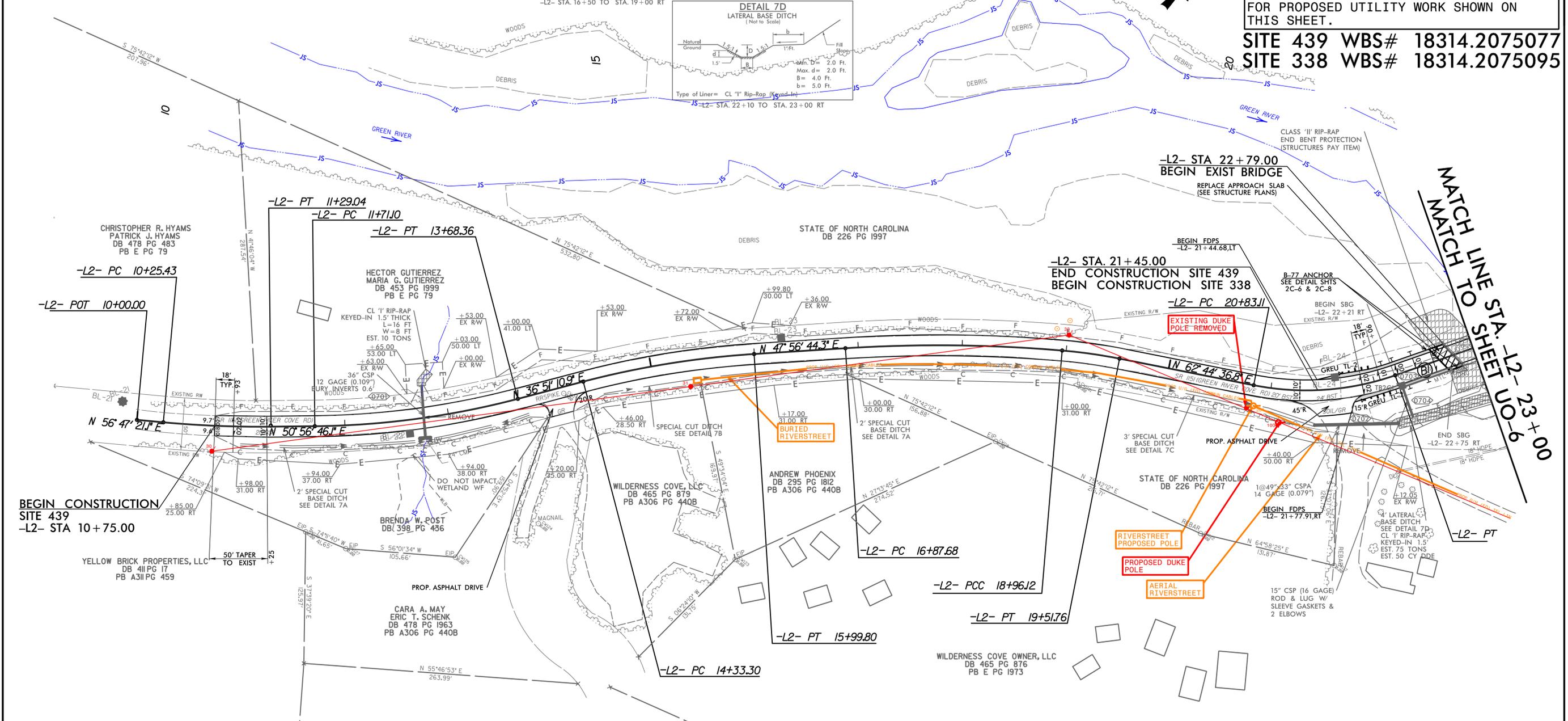
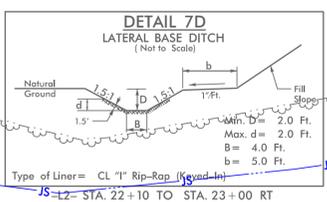
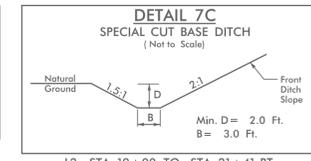
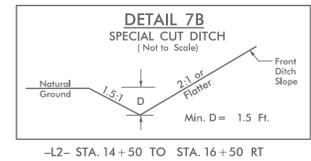
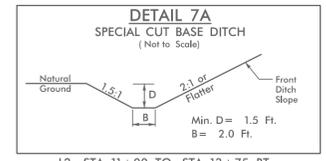
5/14/99

UTILITIES BY OTHERS

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.

SITE 439 WBS# 18314.2075077
SITE 338 WBS# 18314.2075095

GREEN RIVER COVE RD (SR 1151) SHALL BE RECONSTRUCTED UTILIZING THE EXISTING SECONDARY ROAD AGREEMENTS ALREADY IN PLACE. PROPOSED EASEMENTS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE USED SOLELY TO DEFINE THE AREA THE CONTRACTOR SHALL WORK IN FOR THE DURATION OF THIS PROJECT.



-L2- CURVE DATA

PI Sta 10+77.28 Δ = 5° 50' 35.0" (LT) D = 5' 38' 21.7" L = 103.61' T = 51.85' R = 1,016.00' SE = EXIST DS = 40 MPH	PI Sta 12+70.23 Δ = 14° 05' 35.1" (LT) D = 7' 08' 38.8" L = 197.27' T = 99.13' R = 802.00' SE = NC DS = 40 MPH	PI Sta 15+16.81 Δ = 11° 05' 33.4" (RT) D = 6' 39' 44.3" L = 166.50' T = 83.51' R = 860.00' SE = NC DS = 40 MPH
PI Sta 17+92.09 Δ = 8° 25' 20.3" (RT) D = 4' 02' 26.2" L = 208.44' T = 104.41' R = 1,418.00' SE = NC DS = 45 MPH	PI Sta 19+23.97 Δ = 6° 22' 32.2" (RT) D = 11' 27' 33.0" L = 55.64' T = 27.85' R = 500.00' SE = NC DS = 30 MPH	PI Sta 21+53.72 Δ = 30° 23' 23.4" (LT) D = 22' 02' 12.6" L = 137.90' T = 70.62' R = 260.00' SE = NC DS = 25 MPH

⊕ N 32° 21' 13.4" E

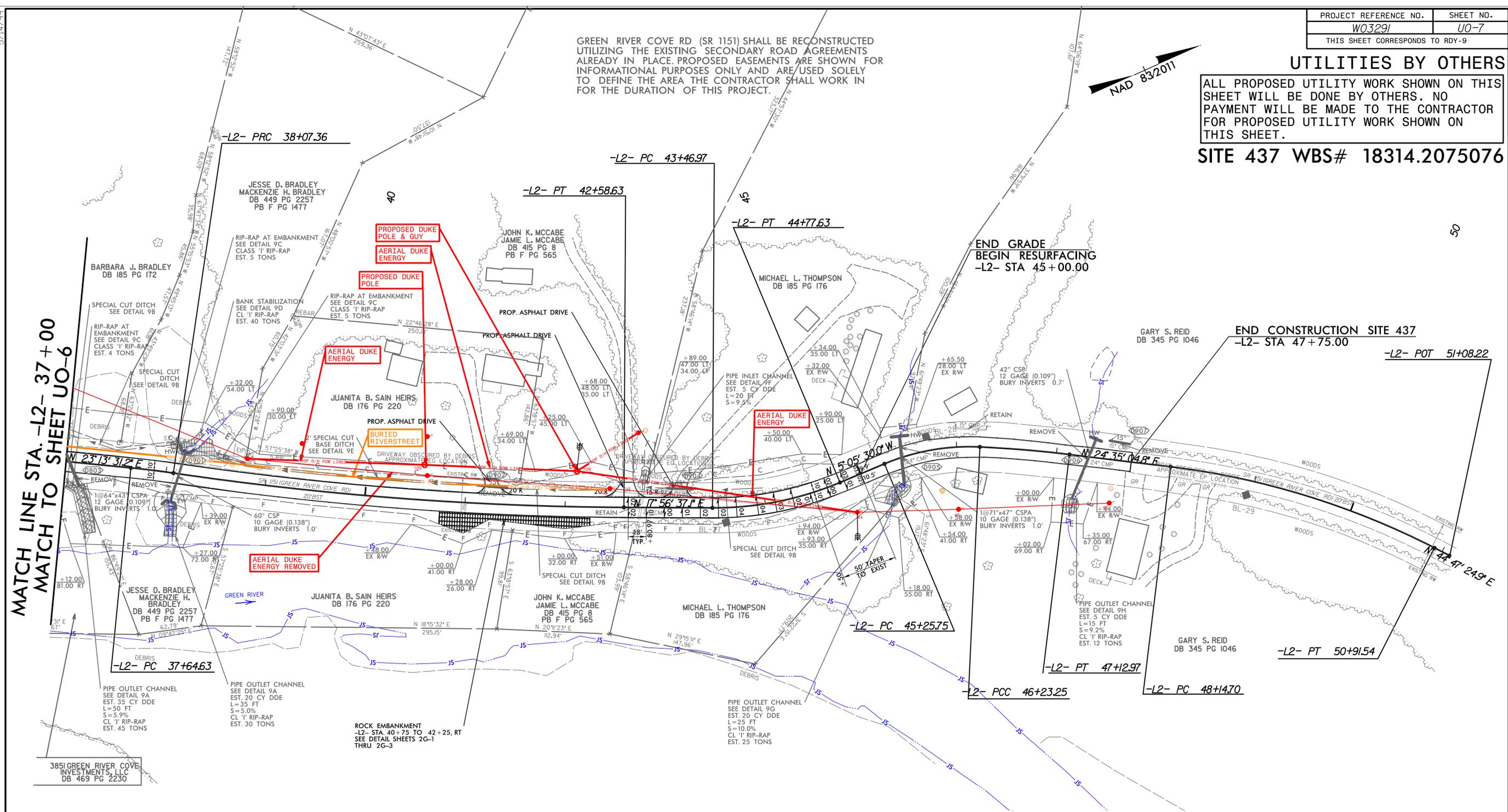
MATCH LINE TO SHEET -L2- 23+00

UTILITIES BY OTHERS

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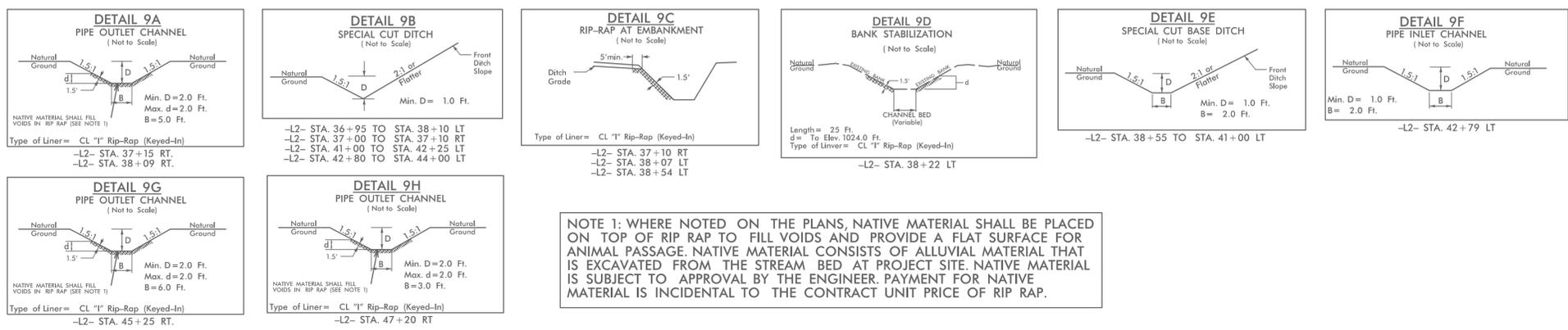
SITE 437 WBS# 18314.2075076

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MATCH LINE STA. -L2- 37+00
MATCH TO SHEET UO-6

-L2- CURVE DATA		
PI Sta 37+86.00	PI Sta 40+33.37	PI Sta 44+13.19
$\Delta = 2^\circ 47' 53.5''$ (RT)	$\Delta = 8^\circ 04' 47.7''$ (LT)	$\Delta = 23^\circ 02' 07.1''$ (LT)
$D = 6^\circ 32' 53.1''$	$D = 1^\circ 47' 25.8''$	$D = 17^\circ 37' 46.1''$
$L = 42.73'$	$L = 451.27'$	$L = 130.66'$
$T = 21.37'$	$T = 226.01'$	$T = 66.23'$
$R = 875.00'$	$R = 3,200.00'$	$R = 325.00'$
SE = NC	SE = NC	SE = 0.04
DS = 40 MPH	DS = 45 MPH	DS = 30 MPH
PI Sta 45+75.32	PI Sta 46+68.13	PI Sta 49+54.57
$\Delta = 25^\circ 23' 33.4''$ (RT)	$\Delta = 4^\circ 46' 28.7''$ (RT)	$\Delta = 20^\circ 12' 20.1''$ (RT)
$D = 26^\circ 02' 36.7''$	$D = 4^\circ 46' 28.7''$	$D = 7^\circ 17' 55.8''$
$L = 97.50'$	$L = 89.72'$	$L = 276.83'$
$T = 49.56'$	$T = 44.88'$	$T = 139.87'$
$R = 220.00'$	$R = 1,200.00'$	$R = 785.00'$



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5/14/09

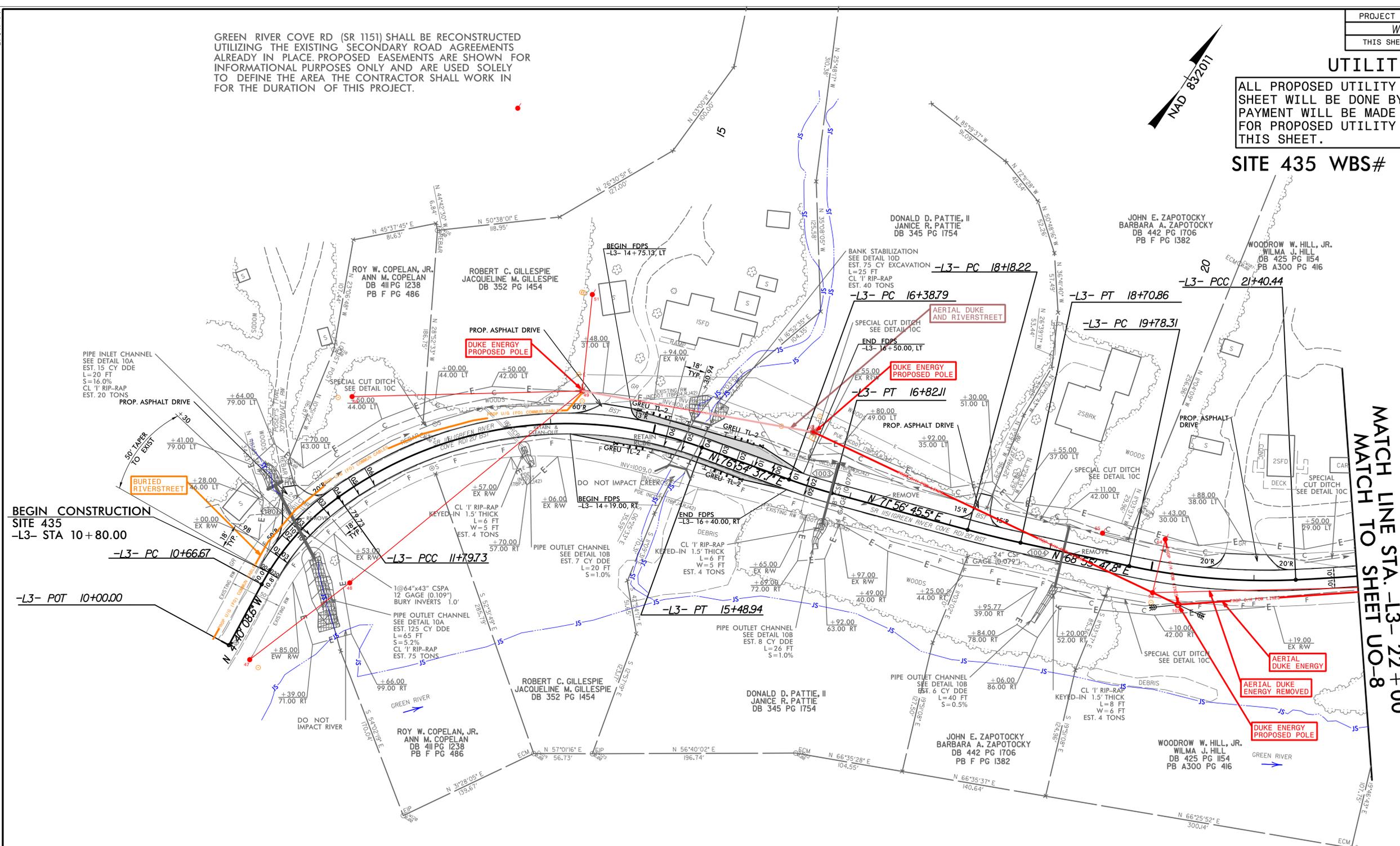
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PROJECT REFERENCE NO.	SHEET NO.
W03291	U0-8
THIS SHEET CORRESPONDS TO RDY-10	

UTILITIES BY OTHERS

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SITE 435 WBS# 18314.2075074



MATCH LINE STA. -L3- 22+00
MATCH TO SHEET UO-8

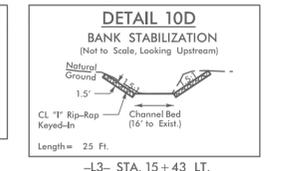
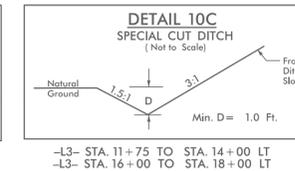
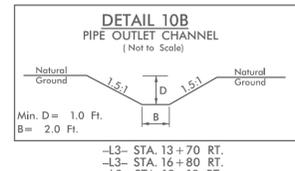
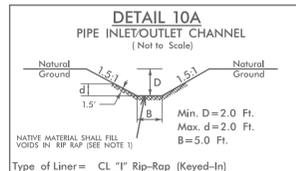
BEGIN CONSTRUCTION
SITE 435
-L3- STA 10+80.00

-L3- POT 10+00.00

-L3- CURVE DATA

PI Sta 11+24.18	PI Sta 13+80.37	PI Sta 16+60.46
$\Delta = 25^\circ 54' 37.4''$ (RT)	$\Delta = 55^\circ 40' 09.0''$ (RT)	$\Delta = 4^\circ 57' 52.2''$ (LT)
$D = 22^\circ 55' 05.9''$	$D = 15^\circ 04' 40.2''$	$D = 1^\circ 27' 33.0''$
$L = 113.06'$	$L = 369.21'$	$L = 43.32'$
$T = 57.51'$	$T = 200.64'$	$T = 21.68'$
$R = 250.00'$	$R = 380.00'$	$R = 500.00'$
$SE = 0.03$	$SE = 0.06$	$SE = NC$
$DS = 25$ MPH	$DS = 35$ MPH	$DS = 30$ MPH

PI Sta 18+44.54	PI Sta 20+59.82
$\Delta = 3^\circ 00' 57.7''$ (LT)	$\Delta = 14^\circ 44' 41.4''$ (LT)
$D = 5^\circ 43' 46.5''$	$D = 9^\circ 05' 40.4''$
$L = 52.64'$	$L = 162.13'$
$T = 26.33'$	$T = 81.51'$
$R = 1,000.00'$	$R = 630.00'$
$SE = NC$	$SE = NC$
$DS = 40$ MPH	$DS = 35$ MPH



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UTILITIES BY OTHERS

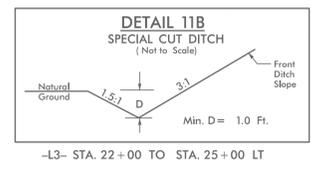
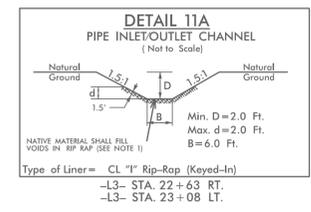
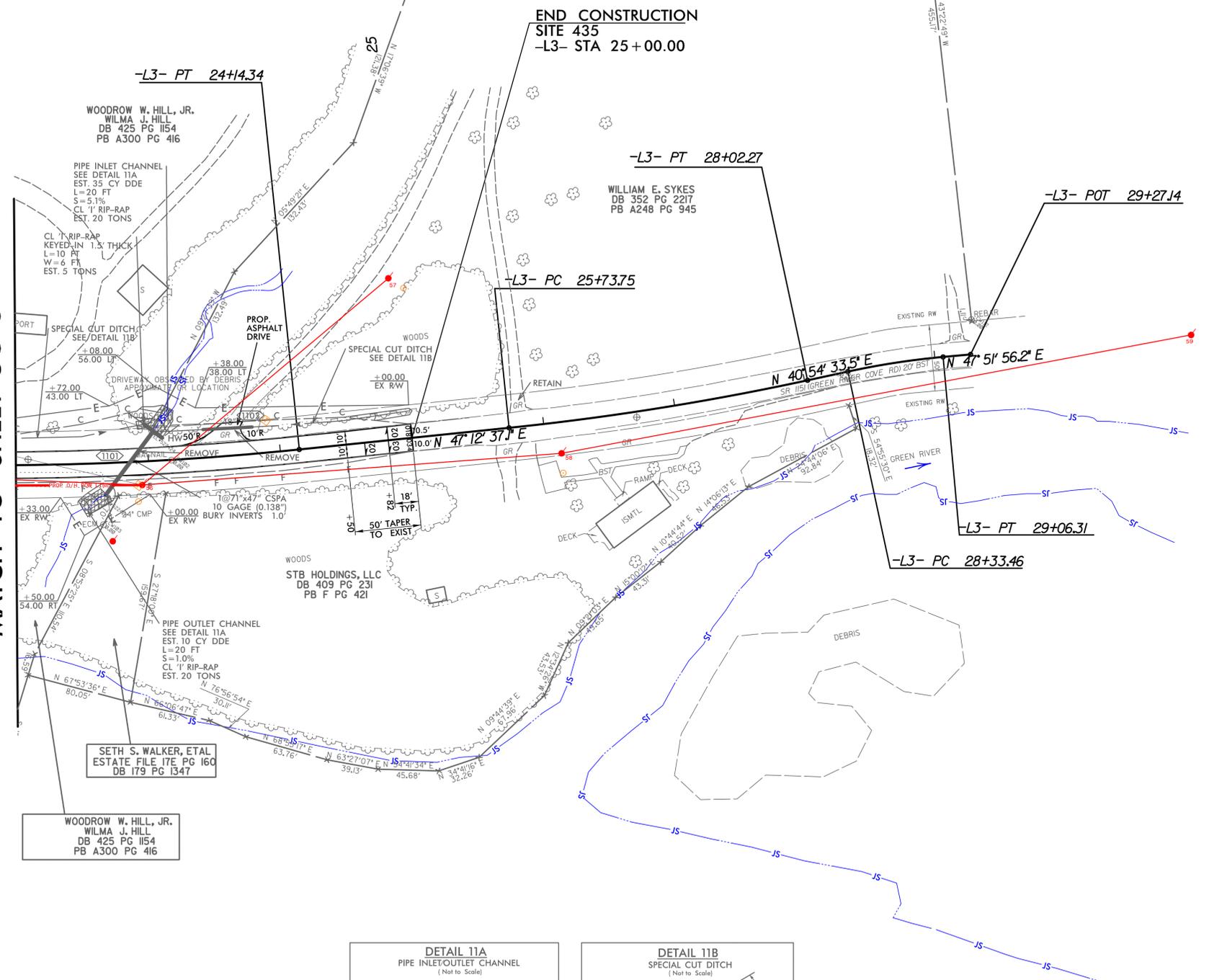
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SITE 435 WBS# 18314.2075074

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MATCH LINE STA. -L3- 22+00
MATCH TO SHEET UO-8



-L3- CURVE DATA

PI Sta 22+77.56	PI Sta 26+88.12	PI Sta 28+69.93
$\Delta = 6^\circ 58' 29.3" (LT)$	$\Delta = 6^\circ 18' 03.6" (LT)$	$\Delta = 6^\circ 57' 22.7" (RT)$
$D = 2^\circ 32' 47.3"$	$D = 2^\circ 45' 26.1"$	$D = 9^\circ 32' 57.5"$
$L = 273.90'$	$L = 228.52'$	$L = 72.85'$
$T = 137.12'$	$T = 114.38'$	$T = 36.47'$
$R = 2,250.00'$	$R = 2,078.00'$	$R = 600.00'$
$SE = NC$		
$DS = 45 MPH$		

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