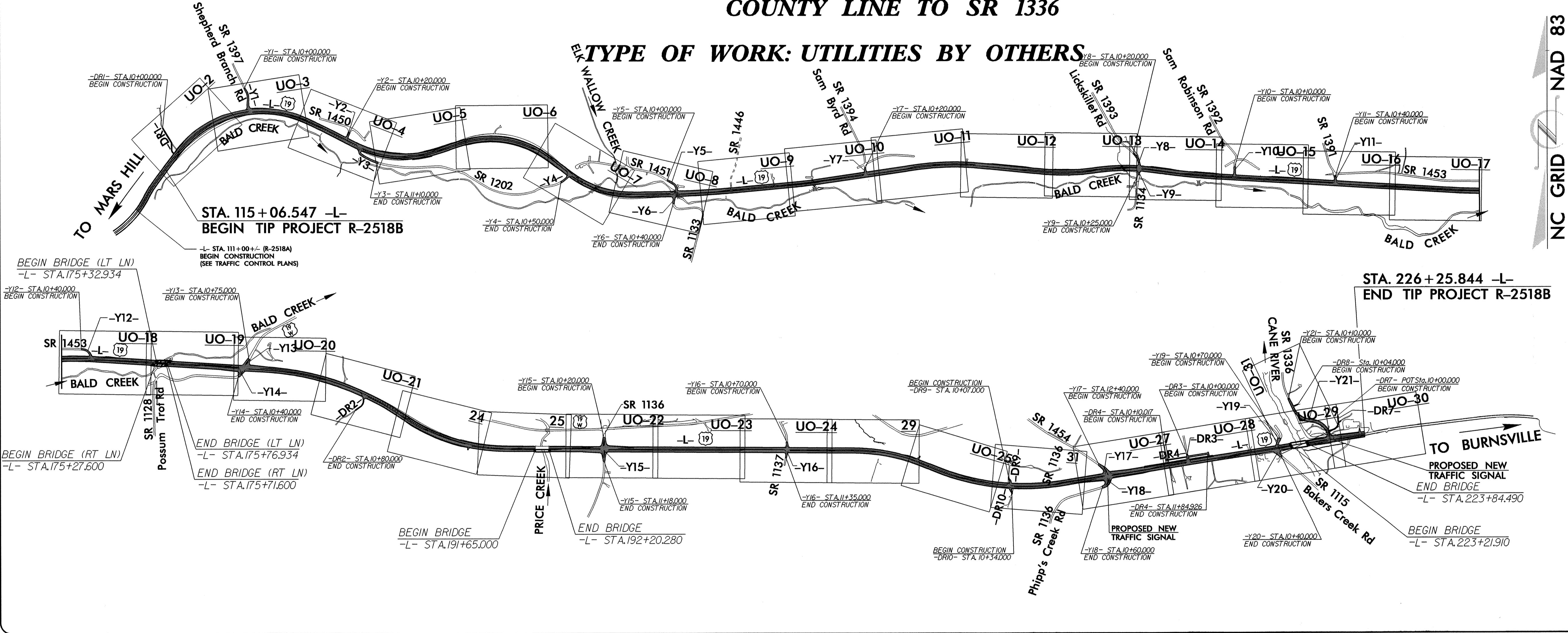
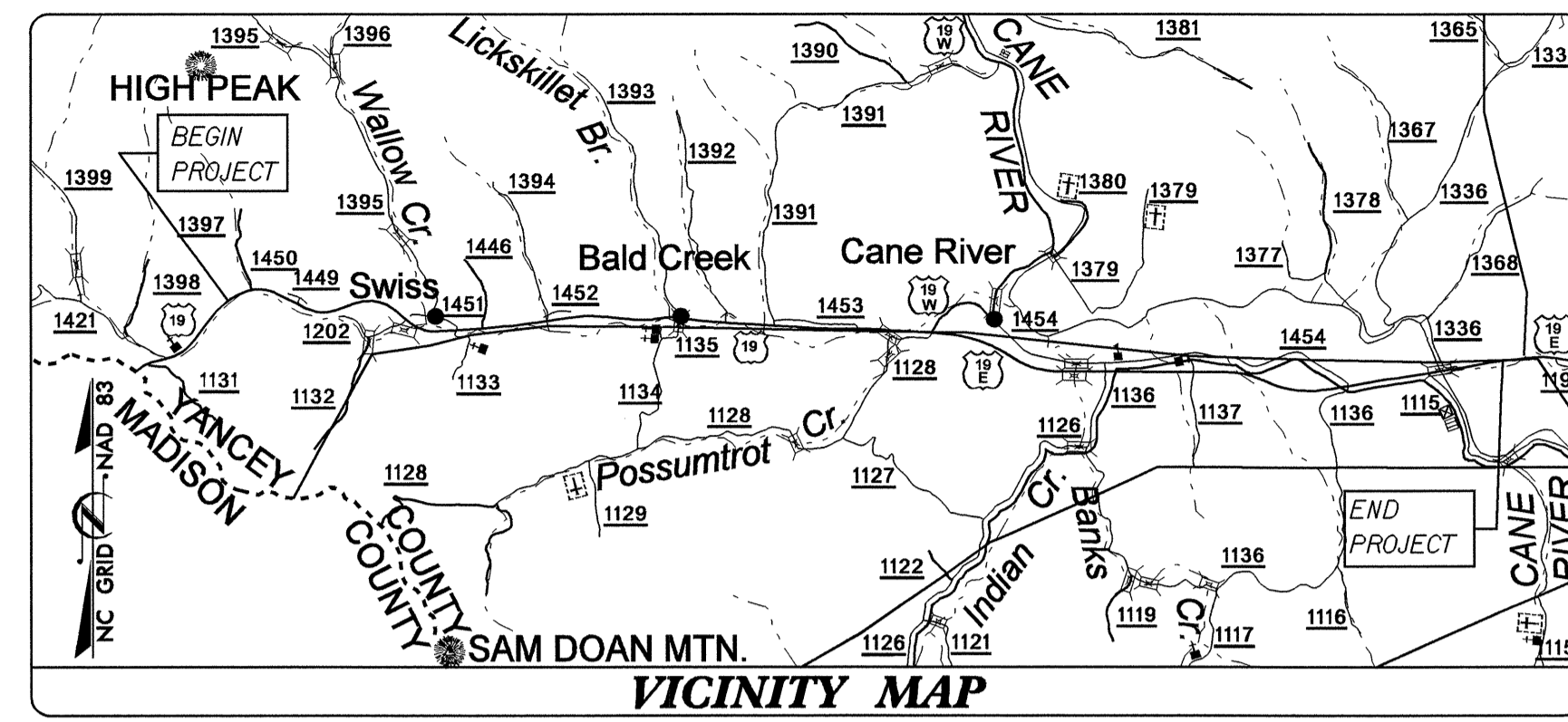


T.I.P. NO.	SHEET NO.
R-2518B	UO-1

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

**UTILITIES BY OTHERS PLANS
YANCEY COUNTY**

**LOCATION: US 19 FROM EAST OF THE MADISON
COUNTY LINE TO SR 1336**



PROJECT: R-2518B

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-31	UTILITIES BY OTHERS PLAN SHEETS

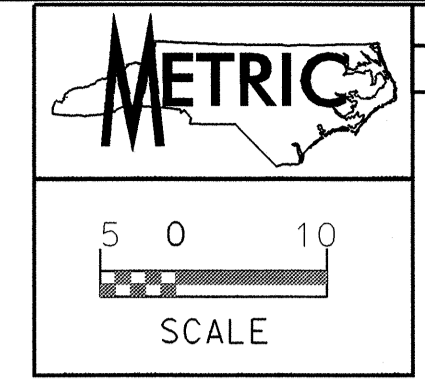
UTILITY OWNERS ON PROJECT
(1) French Broad EMC
(2) Verizon
(3) Country Cable
(4) Town of Burnsville (Water)

PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
PROJECT SERVICES
UTILITIES SECTION**

1591 MAIL SERVICES CENTER
RALEIGH, NC 27699-1591
PHONE (919) 256-4128
FAX (919) 256-4119

Roger Worthington, P.E.	UTILITIES SECTION ENGINEER
Carl Barclay, P.E.	UTILITIES SQUAD LEADER PROJECT ENGINEER
Bo Hemphill, P.E.	UTILITIES PROJECT DESIGNER

05-MAR-2008 15:06 \\ms11\z01\proj\2518b\ut_title_uo01.psh.dgn



UTILITIES BY OTHERS

NOTE: ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

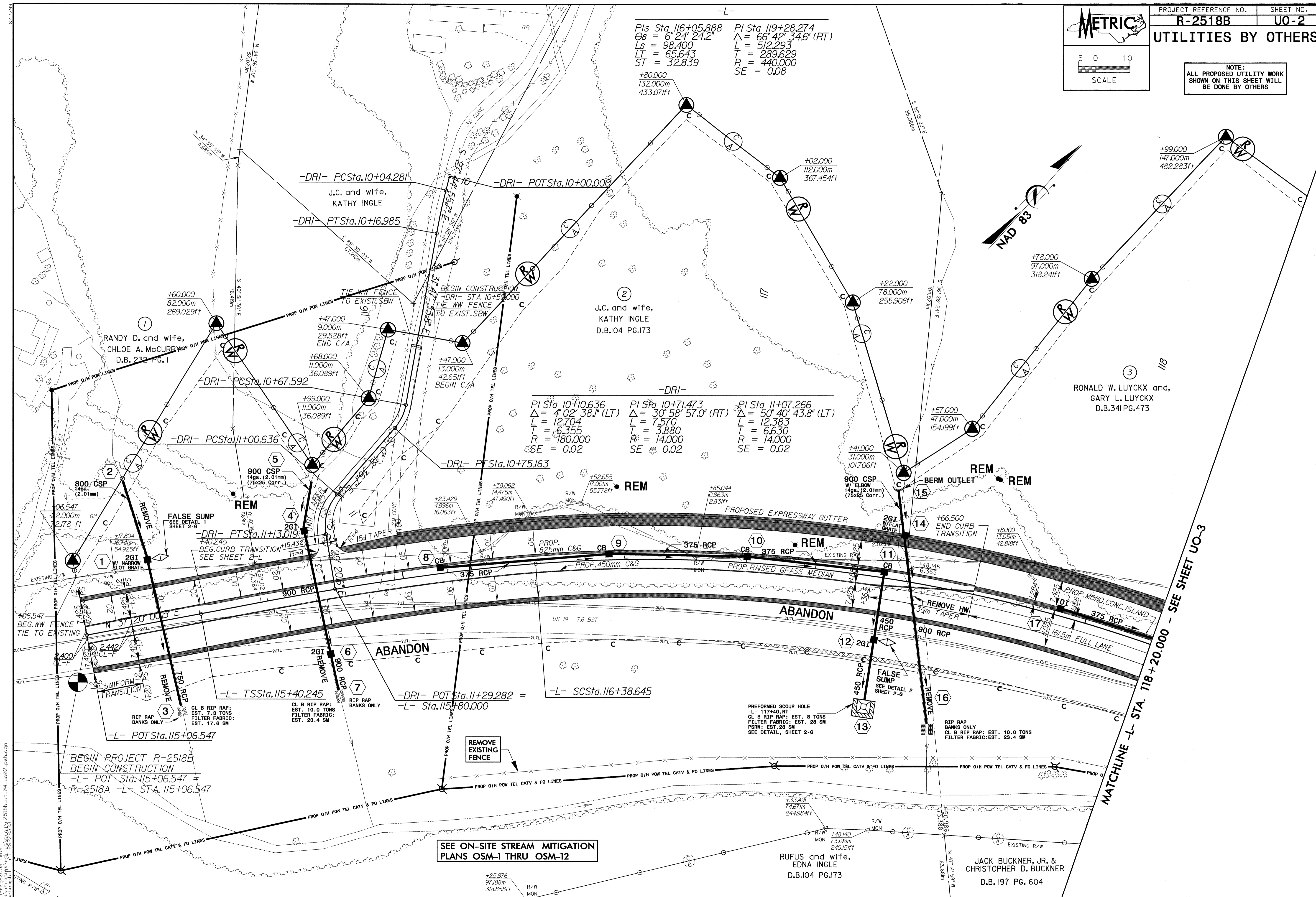
$PI\ Sta. 116+05.888$
 $\Delta s = 6^{\circ} 24' 24.2''$
 $Ls = 98.400$
 $LT = 65.643$
 $ST = 32.839$

$PI\ Sta. 119+28.274$
 $\Delta = 66^{\circ} 42' 34.6'' (RT)$
 $L = 512.293$
 $T = 289.629$
 $R = 440.000$
 $SE = 0.08$

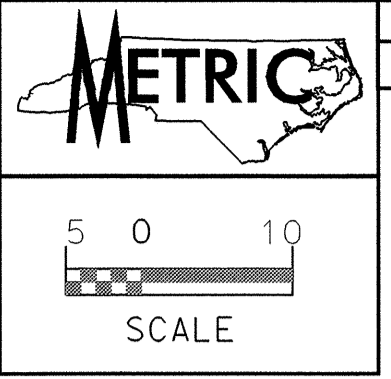
$PI\ Sta. 10+10.636$
 $\Delta = 4^{\circ} 02' 38.1'' (LT)$
 $L = 12.704$
 $T = 6.355$
 $R = 180.000$
 $SE = 0.02$

$PI\ Sta. 10+71.473$
 $\Delta = 30^{\circ} 58' 57.0'' (RT)$
 $L = 7.570$
 $T = 3.880$
 $R = 14.000$
 $SE = 0.02$

$PI\ Sta. 11+07.266$
 $\Delta = 50^{\circ} 40' 43.8'' (LT)$
 $L = 12.383$
 $T = 6.630$
 $R = 14.000$
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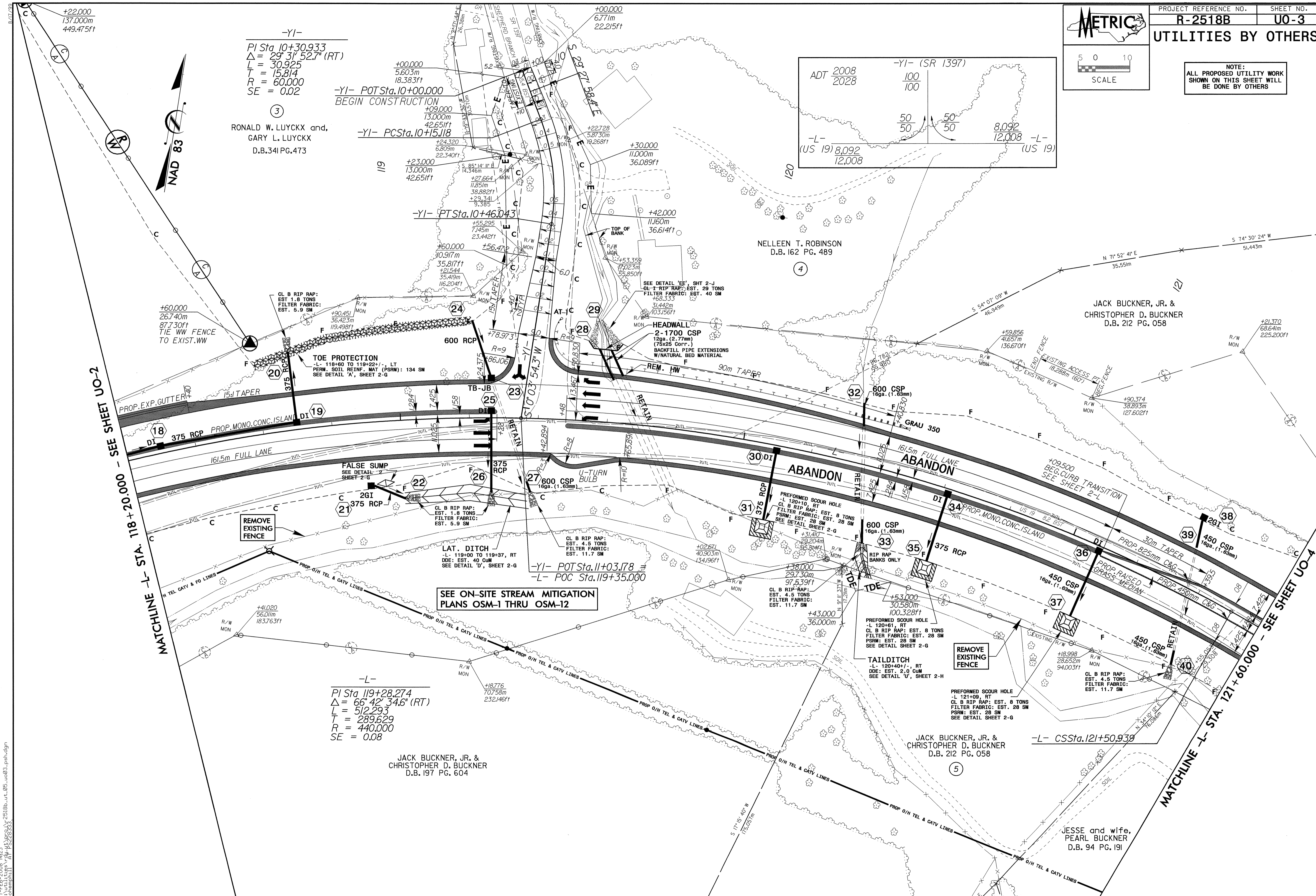


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 8/17/2008



UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS



-YI-
 $PI\ Sta.\ 10+30.933$
 $\Delta = 29^\circ\ 31'\ 52.7''\ (RT)$
 $L = 30.925$
 $T = 15.814$
 $R = 60.000$
 $SE = 0.02$

RONALD W. LUYCKX and,
 GARY L. LUYCKX
 D.B. 341 PG. 473

-YI- POT Sta. 10+00.000
 BEGIN CONSTRUCTION

-YI- PC Sta. 10+15.118

-YI- PT Sta. 10+46.043

-YI- POT Sta. 11+03.178
 -L- POC Sta. 119+35.000

-L-
 $PI\ Sta.\ 119+28.274$
 $\Delta = 66^\circ\ 42'\ 34.6''\ (RT)$
 $L = 512.293$
 $T = 289.629$
 $R = 440.000$
 $SE = 0.08$

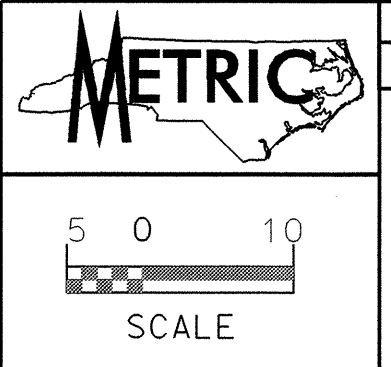
JACK BUCKNER, JR. &
 CHRISTOPHER D. BUCKNER
 D.B. 197 PG. 604

JACK BUCKNER, JR. &
 CHRISTOPHER D. BUCKNER
 D.B. 212 PG. 058

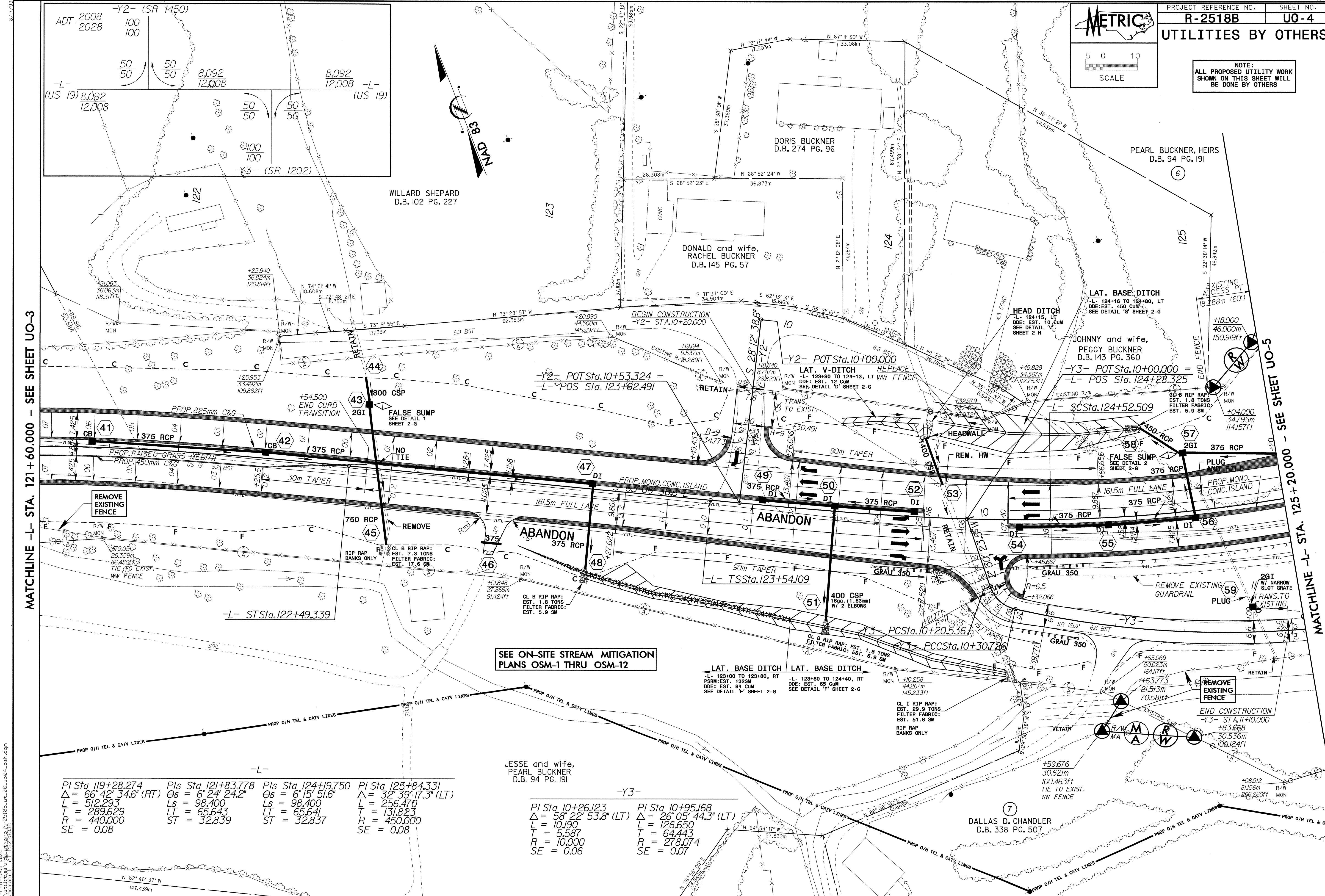
JESSE and wife,
 PEARL BUCKNER
 D.B. 94 PG. 191

MATCHLINE -L- STA. 118+20.000 - SEE SHEET UO-2

MATCHLINE -L- STA. 121+60.000 - SEE SHEET UO-4



NOTE:
 ALL PROPOSED UTILITY WORK
 SHOWN ON THIS SHEET WILL
 BE DONE BY OTHERS



MATCHLINE -L- STA. 121+60.000 - SEE SHEET U0-3

MATCHLINE -L- STA. 125+20.000 - SEE SHEET U0-5

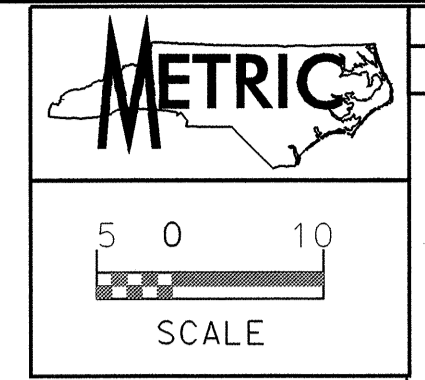
PI Sta 119+28.274 Δ = 66° 42' 34.6" (RT) L = 512.293 T = 289.629 R = 440.000 SE = 0.08	PIs Sta 121+83.778 Os = 6° 24' 24.2" Ls = 98.400 LT = 65.643 ST = 32.839	PIs Sta 124+19.750 Os = 6° 15' 51.6" Ls = 98.400 LT = 65.641 ST = 32.837	PI Sta 125+84.331 Δ = 32° 39' 17.3" (LT) L = 256.470 T = 131.823 R = 450.000 SE = 0.08
---	--	--	---

JESSE and wife,
 PEARL BUCKNER
 D.B. 94 PG. 191

PI Sta 10+26.123 Δ = 58° 22' 53.8" (LT) L = 10.190 T = 5.587 R = 10.000 SE = 0.06	PI Sta 10+95.168 Δ = 26° 05' 44.3" (LT) L = 126.650 T = 64.443 R = 278.074 SE = 0.07
--	---

SEE ON-SITE STREAM MITIGATION
 PLANS OSM-1 THRU OSM-12

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UTILITIES BY OTHERS

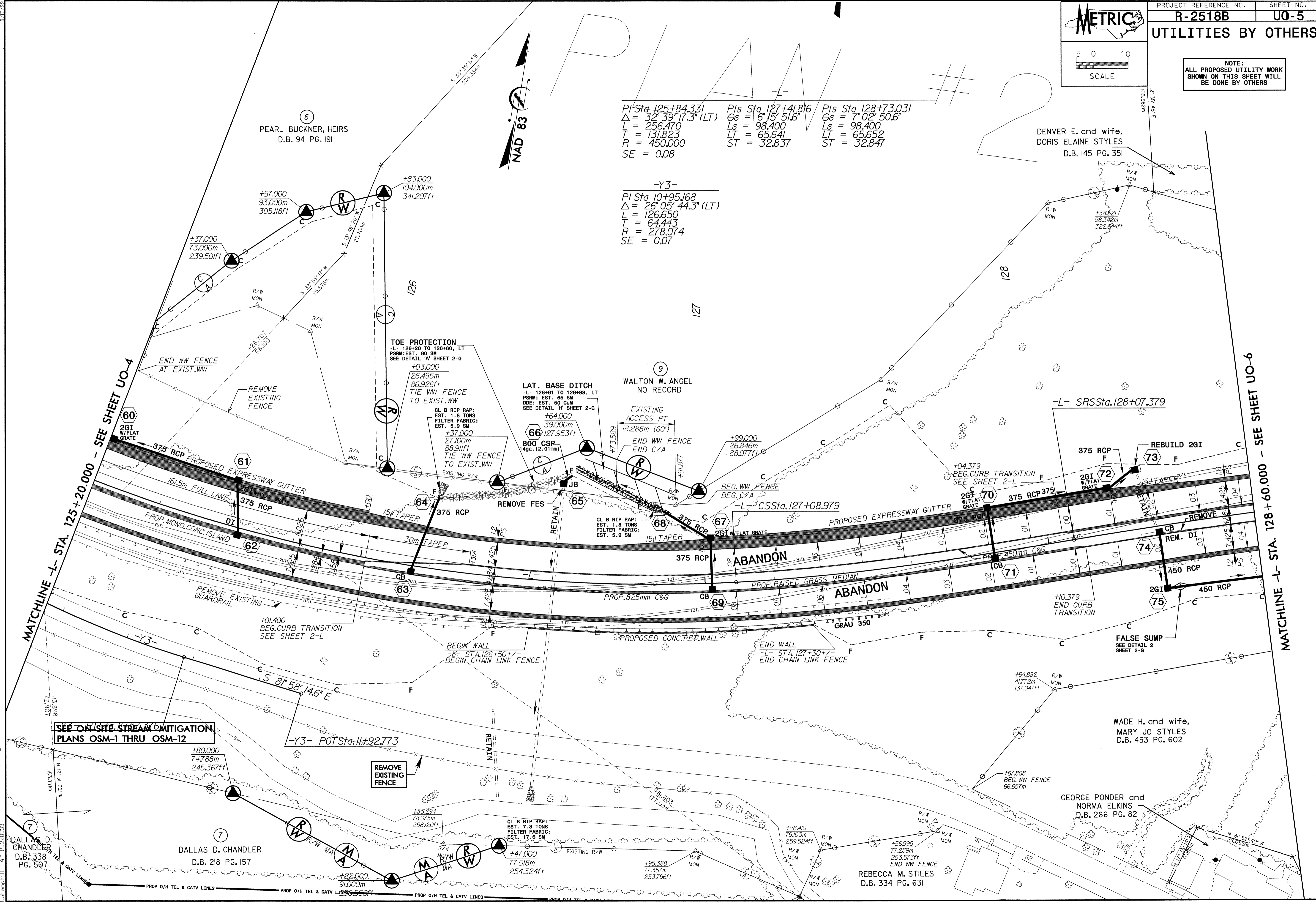
NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

PI Sta 125+84.331
 $\Delta = 32^\circ 39' 17.3''$ (LT)
 L = 256.470
 T = 131.823
 R = 450.000
 SE = 0.08

PIs Sta 127+41.816
 $\Delta = 6^\circ 15' 51.6''$
 Ls = 98.400
 LT = 65.641
 ST = 32.837

PIs Sta 128+73.031
 $\Delta = 7^\circ 02' 50.6''$
 Ls = 98.400
 LT = 65.652
 ST = 32.847

-Y3-
 PI Sta 10+95.168
 $\Delta = 26^\circ 05' 44.3''$ (LT)
 L = 126.650
 T = 64.443
 R = 278.074
 SE = 0.07

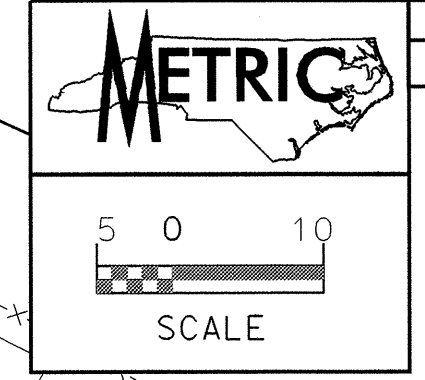


MATCHLINE -L- STA. 125+20.000 - SEE SHEET UO-4

MATCHLINE -L- STA. 128+60.000 - SEE SHEET UO-6

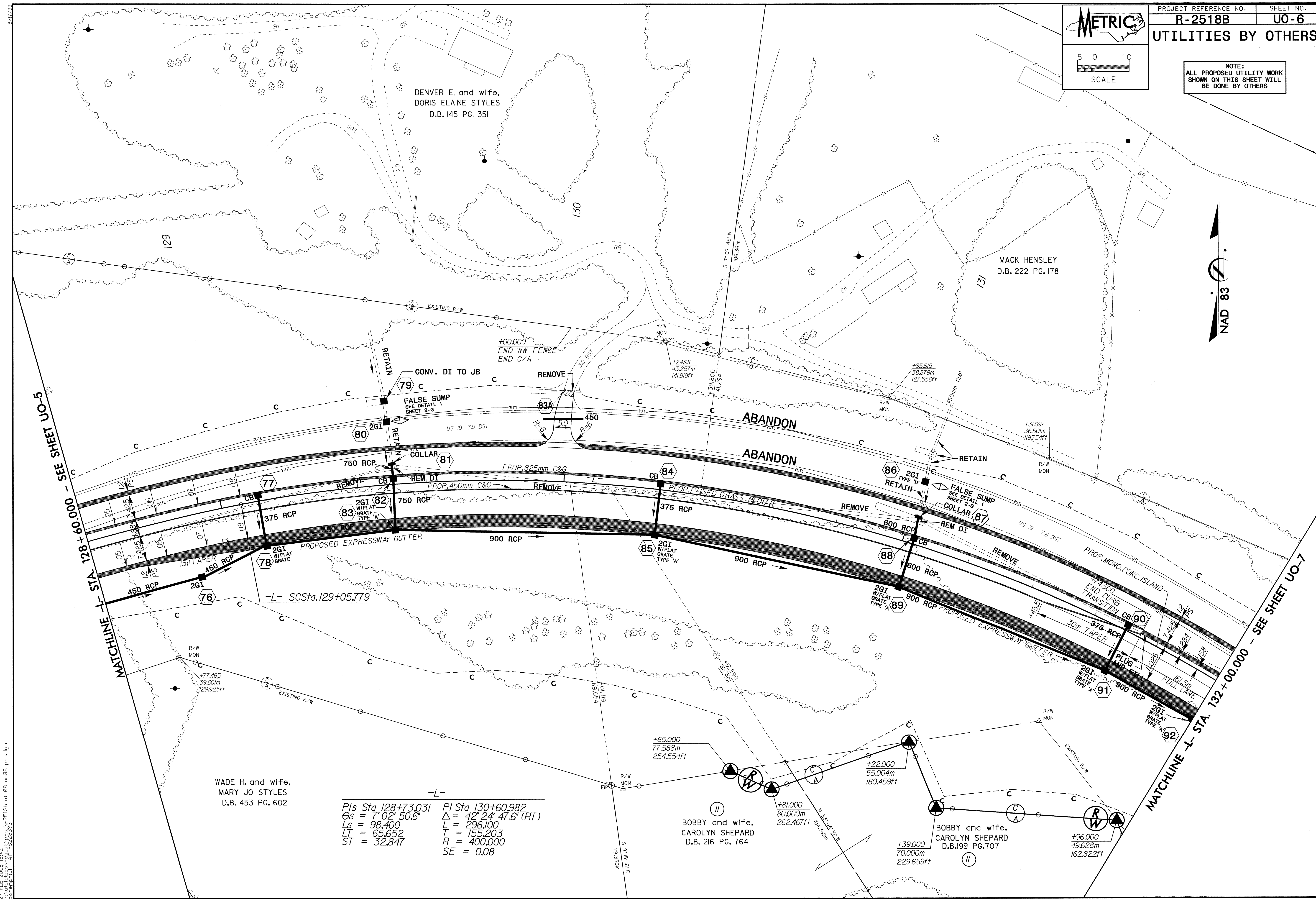
SEE ON SITE STREAM MITIGATION PLANS OSM-1 THRU OSM-12

27-FEB-2008 15:30
 Schmitt
 2518b-ct.07-uo05-psh.dgn



PROJECT REFERENCE NO.	SHEET NO.
R-2518B	UO-6
UTILITIES BY OTHERS	

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



MATCHLINE - L - STA. 128+60.000 - SEE SHEET UO-5

MATCHLINE - L - STA. 132+00.000 - SEE SHEET UO-7

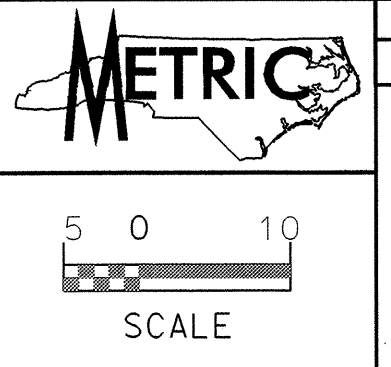
WADE H. and wife,
MARY JO STYLES
D.B. 453 PG. 602

-L-
 Pls Sta 128+73.031 Pl Sta 130+60.982
 $\theta_s = 7^{\circ}02'50.6"$ $\Delta = 42^{\circ}24'47.6" (RT)$
 $L_s = 98.400$ $L = 296.100$
 $LT = 65.652$ $T = 155.203$
 $ST = 32.847$ $R = 400.000$
 $SE = 0.08$

BOBBY and wife,
CAROLYN SHEPARD
D.B. 216 PG. 764

BOBBY and wife,
CAROLYN SHEPARD
D.B. 199 PG. 707

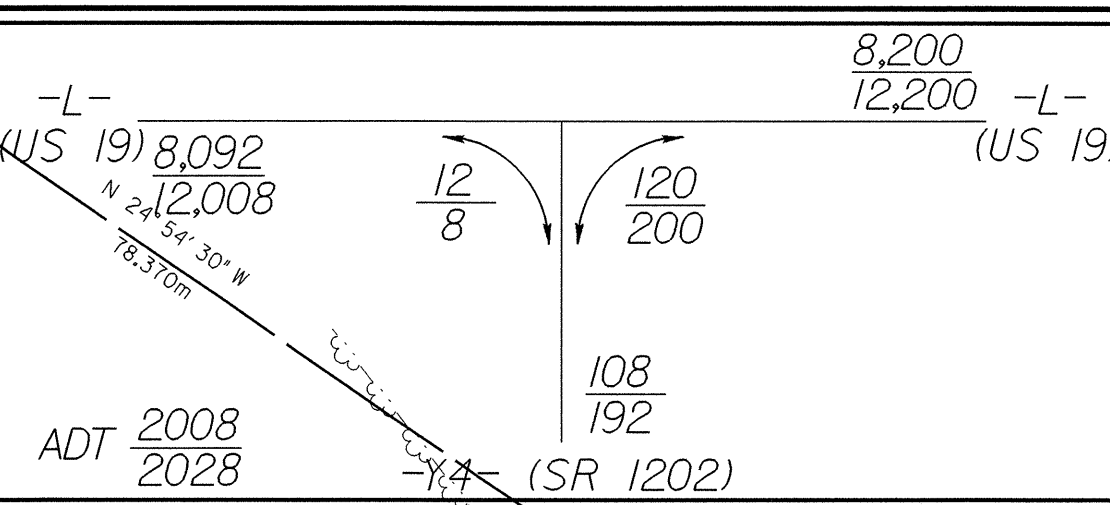
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UTILITIES BY OTHERS

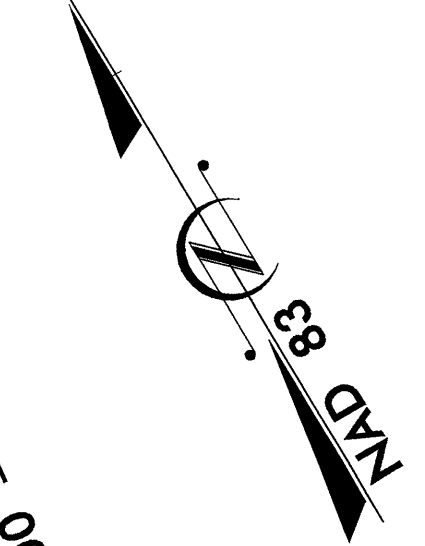
NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

PI Sta	PIs Sta	PIs Sta	PIs Sta
130+60.982	132+34.726	133+65.931	134+83.280
$\Delta = 42^\circ 24' 47.6" (RT)$	$\Delta = 7^\circ 02' 50.6" (LT)$	$\Delta = 7^\circ 02' 50.6" (LT)$	$\Delta = 23^\circ 53' 03.6" (LT)$
L = 296.100	Ls = 98.400	Ls = 98.400	L = 166.744
T = 155.203	LT = 65.652	LT = 65.652	T = 84.601
R = 400.000	ST = 32.847	ST = 32.847	R = 400.000
SE = 0.08			SE = 0.08



CROSS VANE ROCK WEIRS:
5mm SPACING FROM -L- STA. 133+40 TO 133+60+/- LT
5mm SPACING FROM -L- STA. 133+60 TO 134+80+/- LT
HEADER/FOOTER ROCKS: EST. 640 TONS
#57 STONE: EST. 304 TONS
FILTER FABRIC: EST. 608 SM
(SEE DETAIL DD, SHT 2-J)

MATCHLINE -L- STA. 132+00.000 - SEE SHEET UO-6



PI Sta	PI Sta
10+20.549	10+60.557
$\Delta = 10^\circ 21' 58.7" (RT)$	$\Delta = 22^\circ 15' 25.8" (RT)$
L = 40.985	L = 38.650
T = 20.549	T = 19.572
R = 226.531	R = 99.494
SE = EXISTING	SE = 0.02

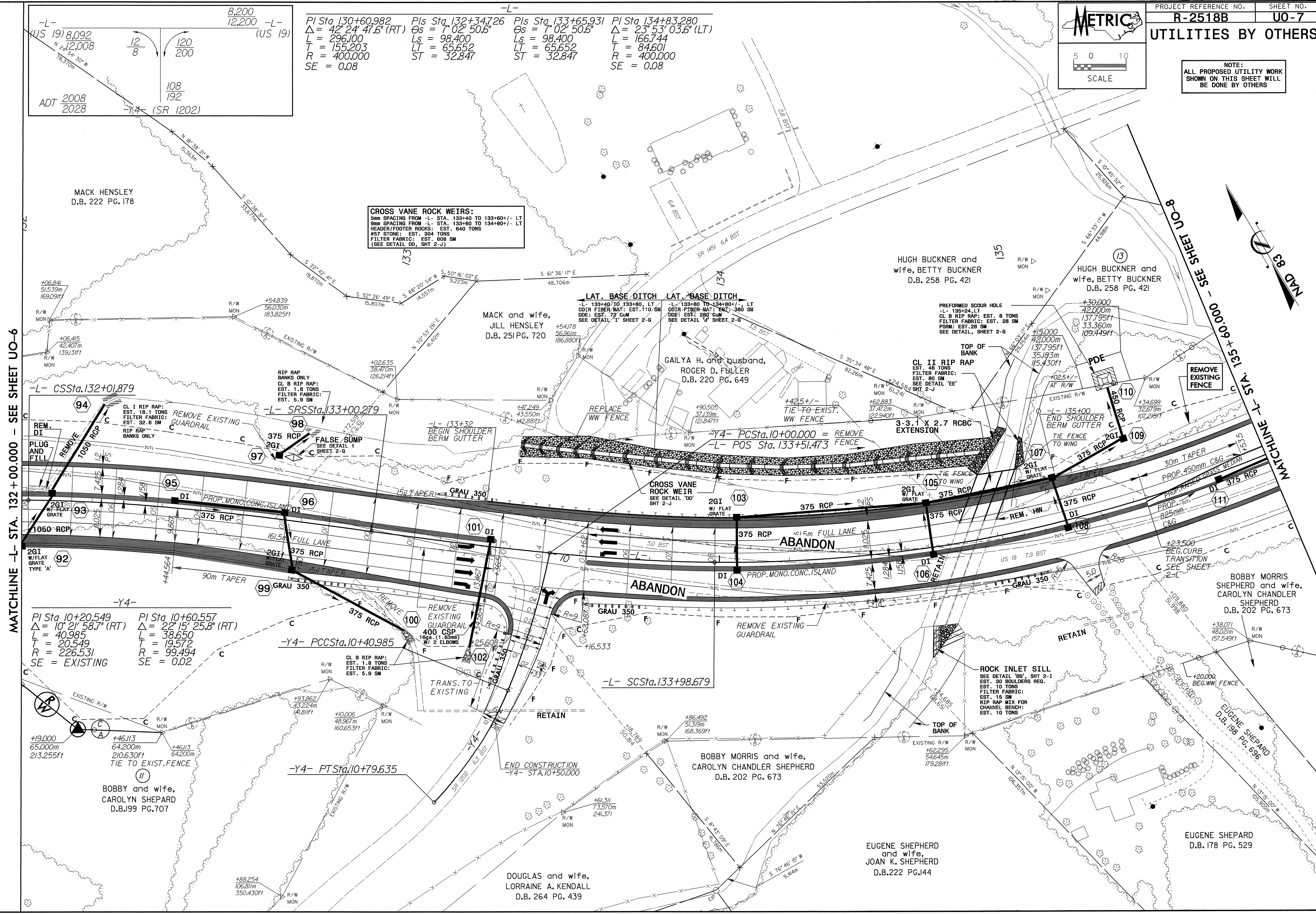
Bobby and wife,
CAROLYN SHEPARD
D.B.199 PG.707

Bobby Morris and wife,
CAROLYN CHANDLER SHEPHERD
D.B. 202 PG. 673

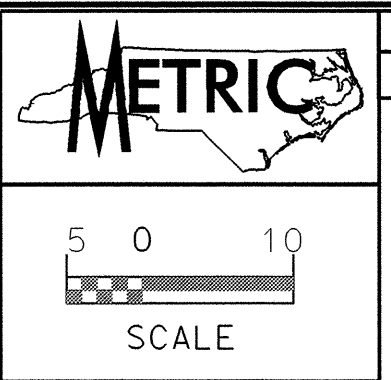
DOUGLAS and wife,
LORRAINE A. KENDALL
D.B. 264 PG. 439

EUGENE SHEPHERD
and wife,
JOAN K. SHEPHERD
D.B.222 PG.144

EUGENE SHEPARD
D.B.178 PG. 529



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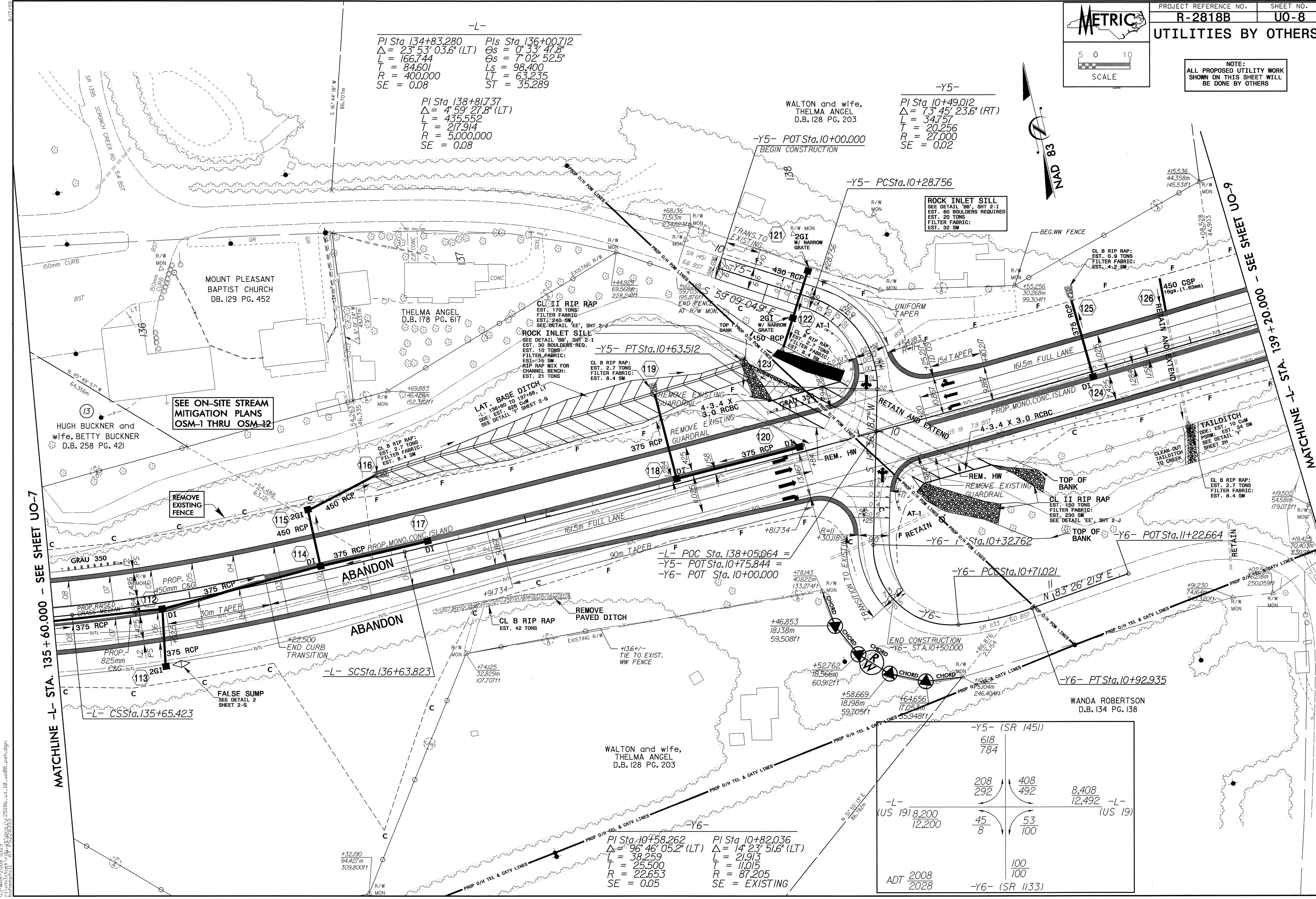
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

-L-
PI Sta 134+83.280 PIs Sta 136+00.712
Δ = 23° 53' 03.6" (LT) Δs = 0° 33' 47.8"
L = 166.744 Os = 7° 02' 52.5"
T = 84.601 Ls = 98.400
R = 400.000 LT = 63.235
SE = 0.08 ST = 35.289

PI Sta 138+81.737
Δ = 4° 59' 27.8" (LT)
L = 435.552
T = 217.914
R = 5,000.000
SE = 0.08

-Y5-
PI Sta 10+49.012
Δ = 73° 45' 23.6" (RT)
L = 34.757
T = 20.256
R = 27.000
SE = 0.02



SEE ON-SITE STREAM
MITIGATION PLANS
OSM-1 THRU OSM-12

ROCK INLET STILL
SEE DETAIL 'BB', SHT 2-I
EST. 60 BOULDERS REQUIRED
EST. 20 TONS
FILTER FABRIC:
EST. 32 SM

CL II RIP RAP
EST. 170 TONS
FILTER FABRIC:
EST. 240 SM
SEE DETAIL 'EE', SHT 2-G

ROCK INLET STILL
SEE DETAIL 'BB', SHT 2-I
EST. 30 BOULDERS REQ.
EST. 10 TONS
FILTER FABRIC:
EST. 38 SM
RIP RAP MIX FOR
CHANNEL BENCH:
EST. 21 TONS

LAT. BASE DITCH
L-138+60 TO 137+66, LT
DOE: EST. 805
SEE DETAIL 'F'

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL II RIP RAP
EST. 150 TONS
FILTER FABRIC:
EST. 200 SM
SEE DETAIL 'EE', SHT 2-J

CL II RIP RAP
EST. 150 TONS
FILTER FABRIC:
EST. 200 SM
SEE DETAIL 'EE', SHT 2-J

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

-L- POC Sta. 138+05.064 =
-Y5- POT Sta. 10+75.844 =
-Y6- POT Sta. 10+00.000

-Y6- POT Sta. 11+22.664

-Y6- POT Sta. 10+32.762

-Y6- POT Sta. 10+71.021

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+50.000

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

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-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

-Y6- POT Sta. 10+92.935

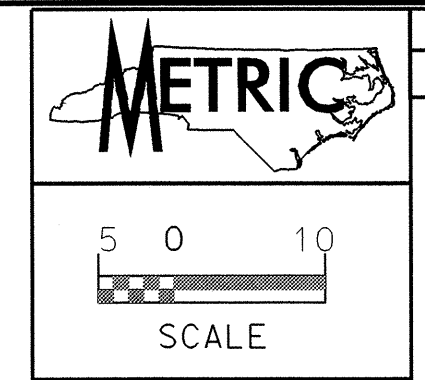
-Y6- POT Sta. 10+92.935

PI Sta 10+58.262 PI Sta 10+82.036
Δ = 96° 46' 05.2" (LT) Δ = 14° 23' 51.6" (LT)
L = 38.259 L = 21.913
T = 25.500 T = 11.015
R = 22.653 R = 87.205
SE = 0.05 SE = EXISTING

	-Y5- (SR 1451)		
	618		
	784		
	208	408	
	292	492	
	8,408		
-L-	12,492		-L-
(US 19)	8,200	45	53
	12,200	8	100
		100	
		100	
ADT 2008			
2028			
	-Y6- (SR 1133)		

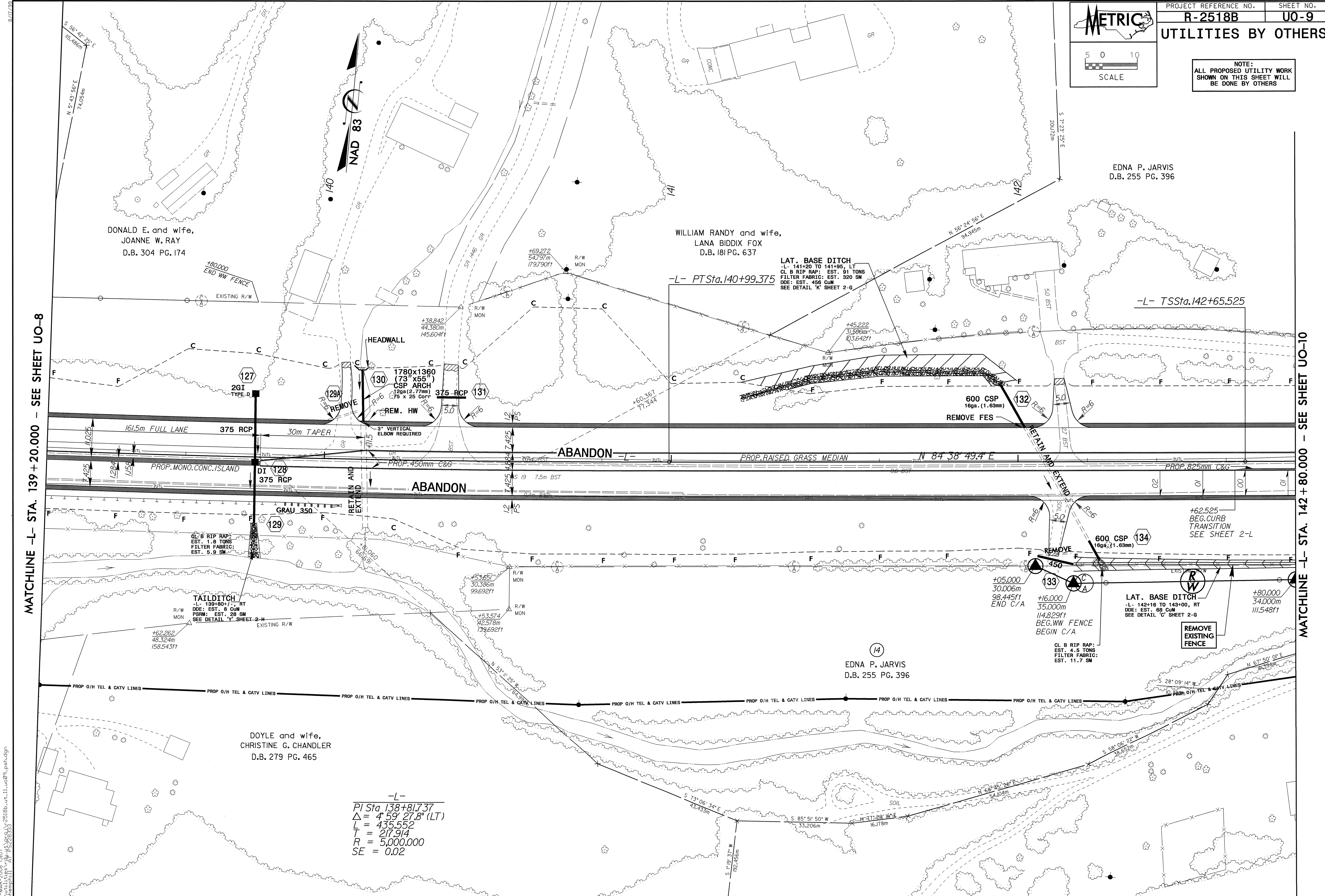
MATCHLINE -L- STA. 135 + 60.000 - SEE SHEET UO-7

MATCHLINE -L- STA. 139 + 20.000 + 20.000 - SEE SHEET UO-9



UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



MATCHLINE -L- STA. 139 + 20.000 - SEE SHEET UO-8

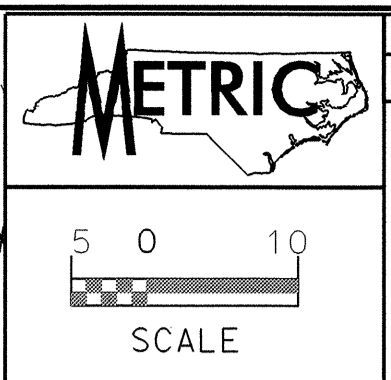
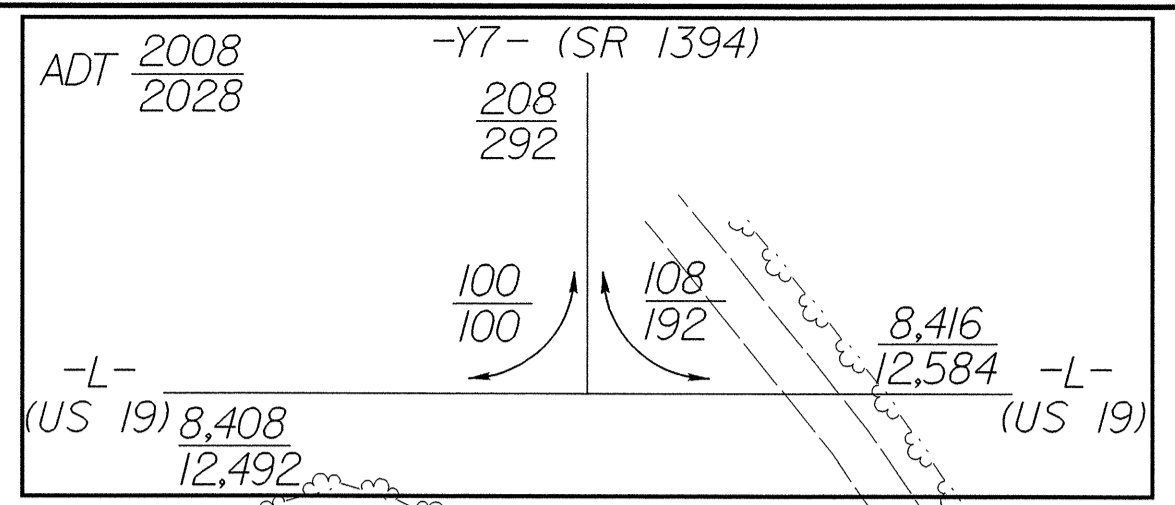
MATCHLINE -L- STA. 142 + 80.000 - SEE SHEET UO-10

-L-
 PI Sta. 138+81.737
 $\Delta = 4^{\circ}59'27.8''$ (LT)
 L = 435.552
 T = 217.914
 R = 5,000.000
 SE = 0.02

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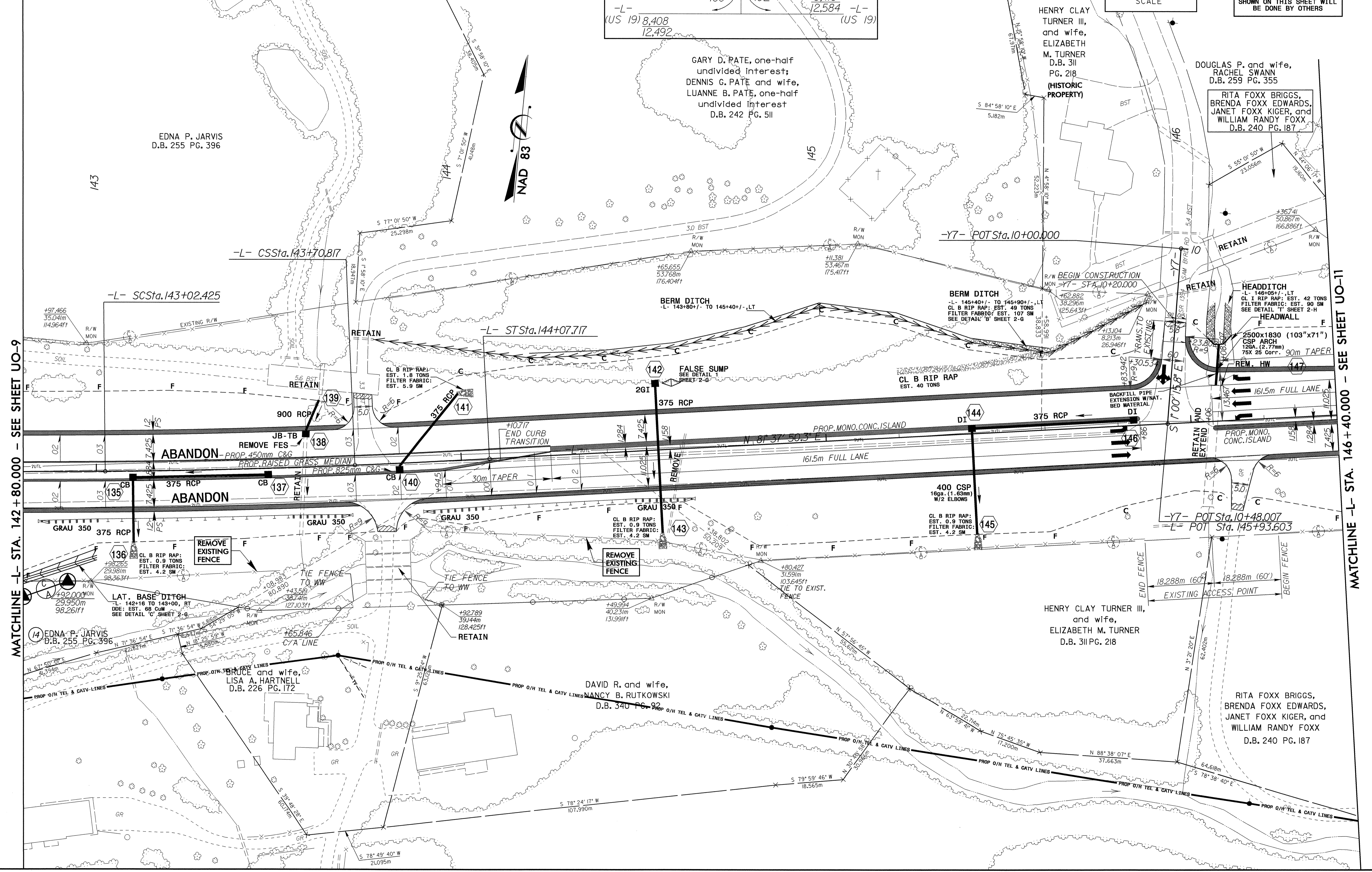
8/17/08
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-L-
 Pls Sta. 142+90.125 PI Sta. 143+36.625 Pls Sta. 143+83.117
 $\Delta s = 0^\circ 31' 42.8''$ $\Delta = 1^\circ 57' 33.4''$ (LT) $\Delta s = 0^\circ 31' 42.8''$
 $L_s = 36.900$ $L = 68.392$ $L_s = 36.900$
 $LT = 24.600$ $T = 34.199$ $LT = 24.600$
 $ST = 12.300$ $R = 2,000.000$ $ST = 12.300$
 $SE = 0.03$



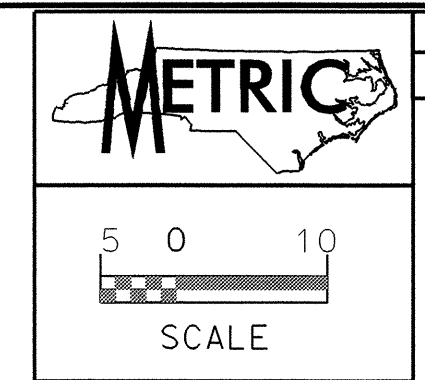
PROJECT REFERENCE NO. SHEET NO.
R-2518B **U0-10**
UTILITIES BY OTHERS

NOTE:
 ALL PROPOSED UTILITY WORK
 SHOWN ON THIS SHEET WILL
 BE DONE BY OTHERS



MATCHLINE -L- STA. 142 + 80.000 - SEE SHEET UO-9

MATCHLINE -L- STA. 146 + 40.000 - SEE SHEET UO-11



PROJECT REFERENCE NO. R-2518B SHEET NO. UO-11

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



RITA FOXX BRIGGS,
BRENDA FOXX EDWARDS,
JANET FOXX KIGER, and
WILLIAM RANDY FOXX
D.B. 240 PG. 187

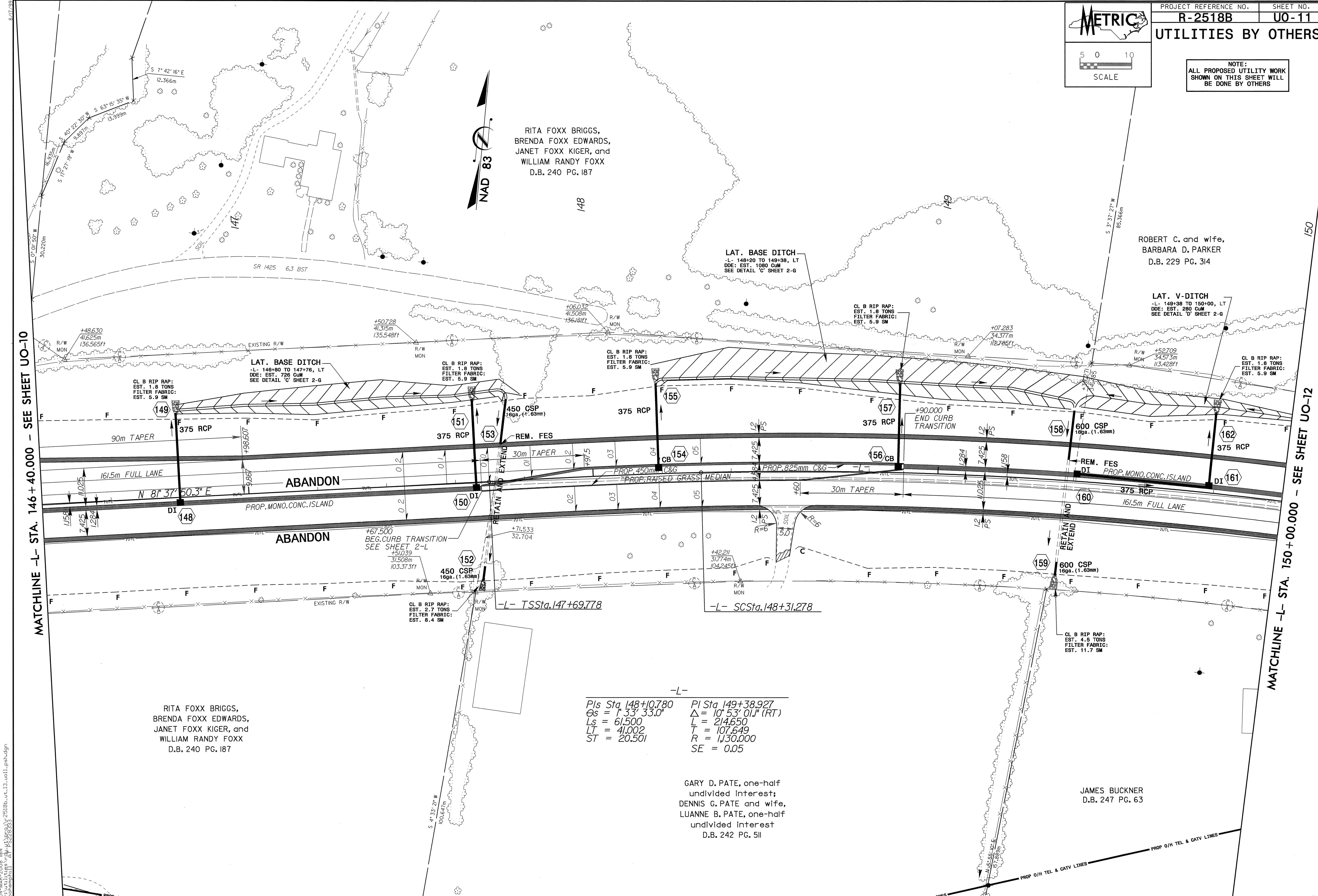
ROBERT C. and wife,
BARBARA D. PARKER
D.B. 229 PG. 314

LAT. V-DITCH
-L- 148+38 TO 150+00, LT
DDE: EST. 280 CUM
SEE DETAIL 'D' SHEET 2-G

LAT. BASE DITCH
-L- 148+20 TO 149+38, LT
DDE: EST. 1080 CUM
SEE DETAIL 'C' SHEET 2-G

MATCHLINE -L- STA. 146 + 40.000 - SEE SHEET UO-10

MATCHLINE -L- STA. 150 + 00.000 - SEE SHEET UO-12



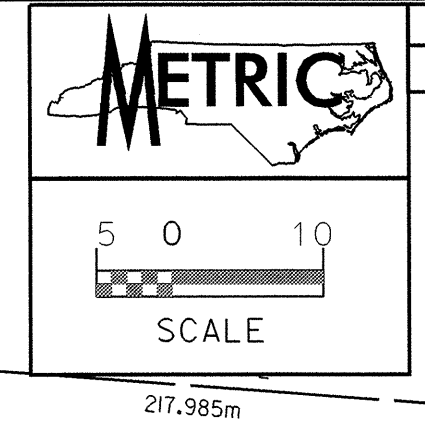
RITA FOXX BRIGGS,
BRENDA FOXX EDWARDS,
JANET FOXX KIGER, and
WILLIAM RANDY FOXX
D.B. 240 PG. 187

-L-
 $Pis\ Sta\ 148+07.80$ $PI\ Sta\ 149+38.927$
 $Os = 1' 33'' 33.0$ $\Delta = 10' 53'' 01.1 (RT)$
 $Ls = 61.500$ $L = 214.650$
 $LT = 41.002$ $T = 107.649$
 $ST = 20.501$ $R = 1,130.000$
 $SE = 0.05$

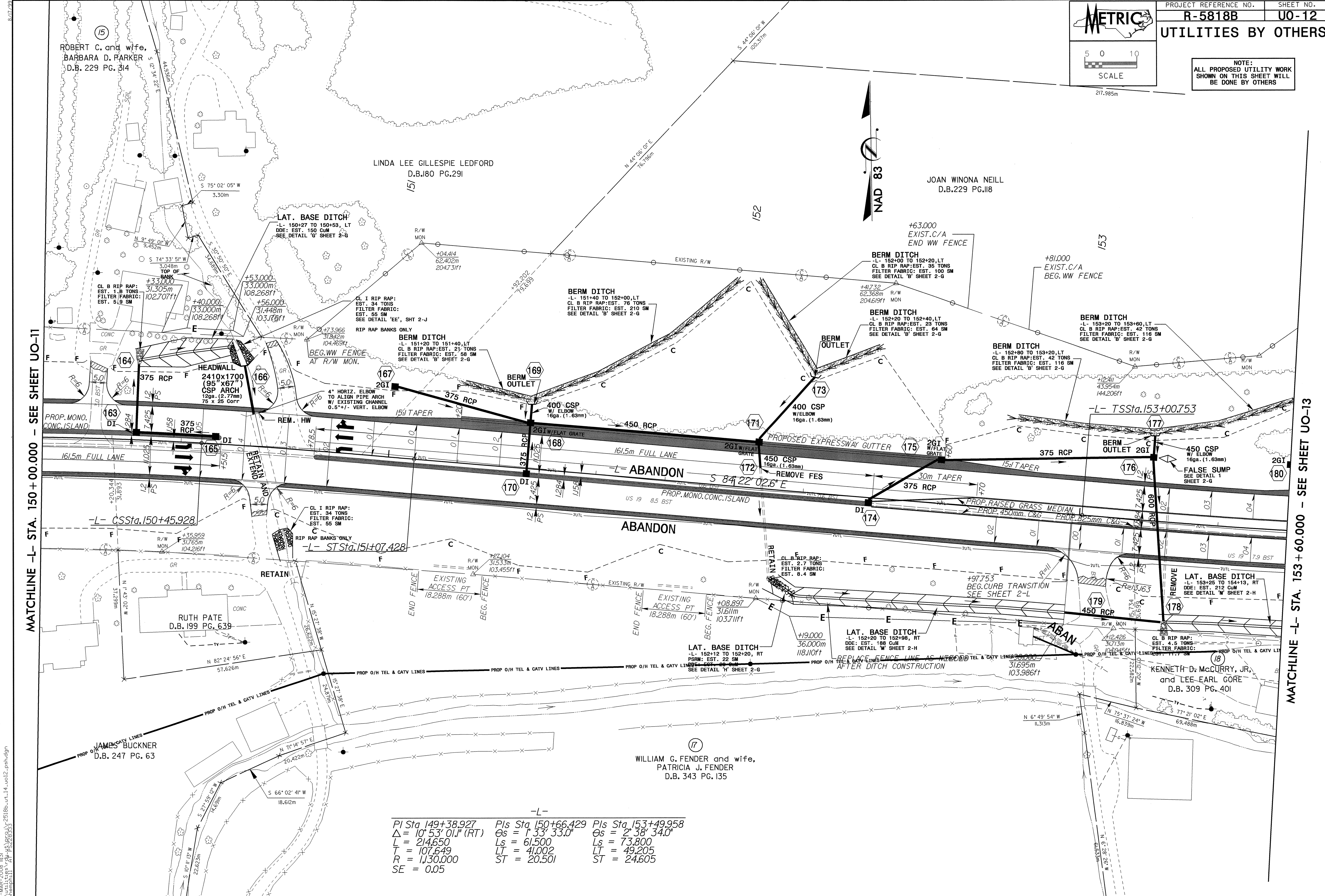
GARY D. PATE, one-half
undivided interest;
DENNIS G. PATE and wife,
LUANNE B. PATE, one-half
undivided interest
D.B. 242 PG. 511

JAMES BUCKNER
D.B. 247 PG. 63

04-MAR-2008 11:4
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NOTE:
 ALL PROPOSED UTILITY WORK
 SHOWN ON THIS SHEET WILL
 BE DONE BY OTHERS



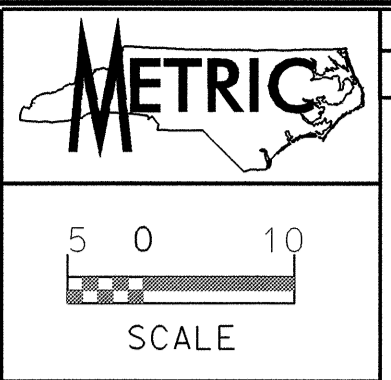
MATCHLINE -L- STA. 150+00.000 - SEE SHEET UO-11

MATCHLINE -L- STA. 153+60.000 - SEE SHEET UO-13

-L-

PI Sta 149+38.927	PIs Sta 150+66.429	PIs Sta 153+49.958
$\Delta = 10^\circ 53' 01.0''$ (RT)	$\Delta = 1^\circ 33' 33.0''$	$\Delta = 2^\circ 38' 34.0''$
$L = 214.650$	$L_s = 61.500$	$L_s = 73.800$
$T = 107.649$	$LT = 41.002$	$LT = 49.205$
$R = 1,130,000$	$ST = 20.501$	$ST = 24.605$
$SE = 0.05$		

04-MAR-2008 16:31
 S:\Projects\12518b.ctb\14_u012.plt\ldgjn
 Schmitt\111

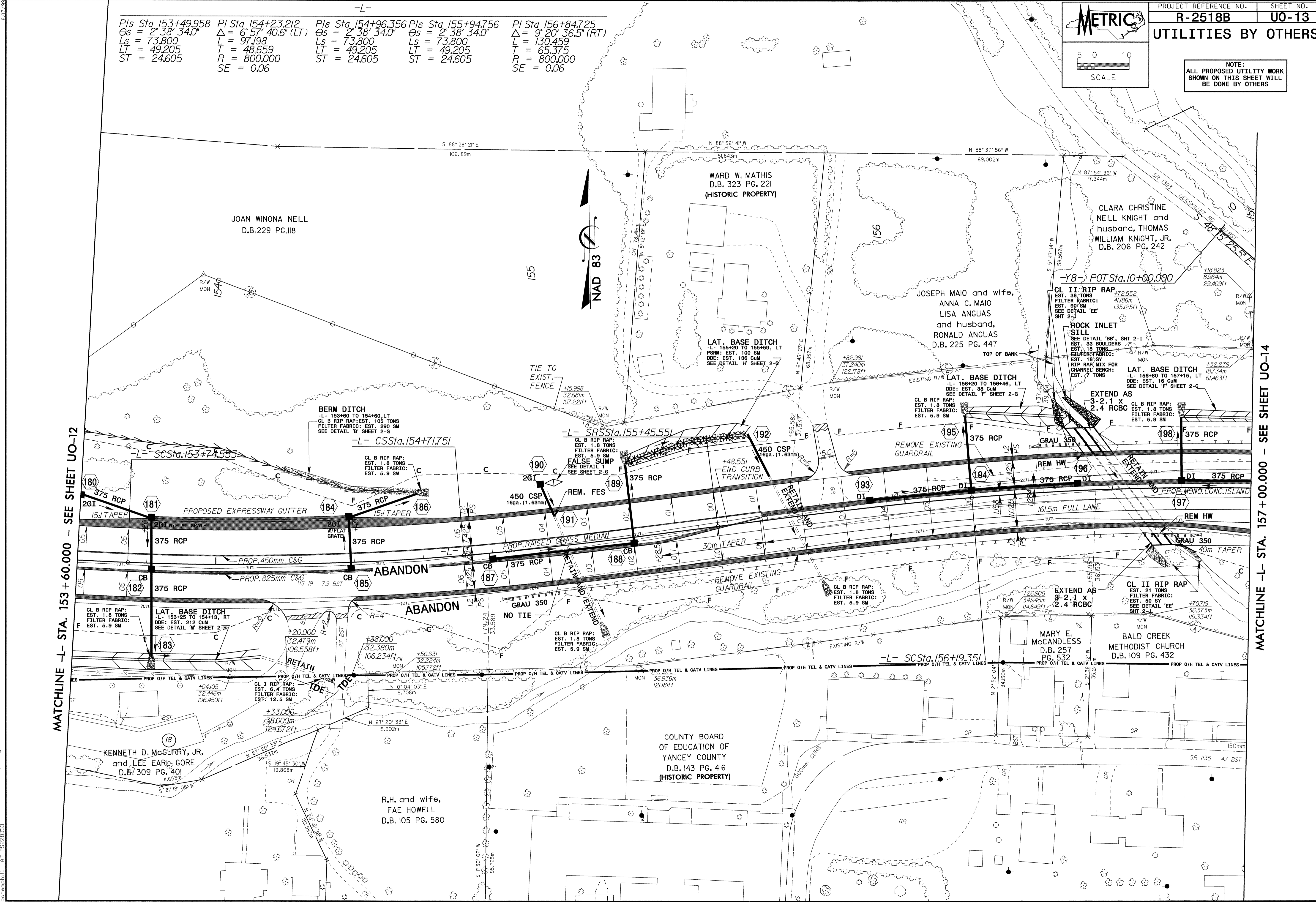


PROJECT REFERENCE NO. R-2518B SHEET NO. U0-13

UTILITIES BY OTHERS

NOTE: ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

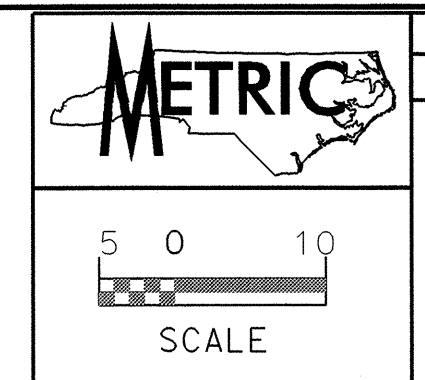
Pls Sta 153+49.958 Os = 2° 38' 34.0" Ls = 73.800 LT = 49.205 ST = 24.605	Pl Sta 154+23.212 Δ = 6° 57' 40.6" (LT) L = 97.198 T = 48.659 R = 800.000 SE = 0.06	Pls Sta 154+96.356 Os = 2° 38' 34.0" Ls = 73.800 LT = 49.205 ST = 24.605	Pls Sta 155+94.756 Os = 2° 38' 34.0" Ls = 73.800 LT = 49.205 ST = 24.605	Pl Sta 156+84.725 Δ = 9° 20' 36.5" (RT) L = 130.459 T = 65.375 R = 800.000 SE = 0.06
--	--	--	--	---



MATCHLINE -L- STA. 153 + 60.000 - SEE SHEET UO-12

MATCHLINE -L- STA. 157 + 00.000 - SEE SHEET UO-14

04-MAR-2008 14:44
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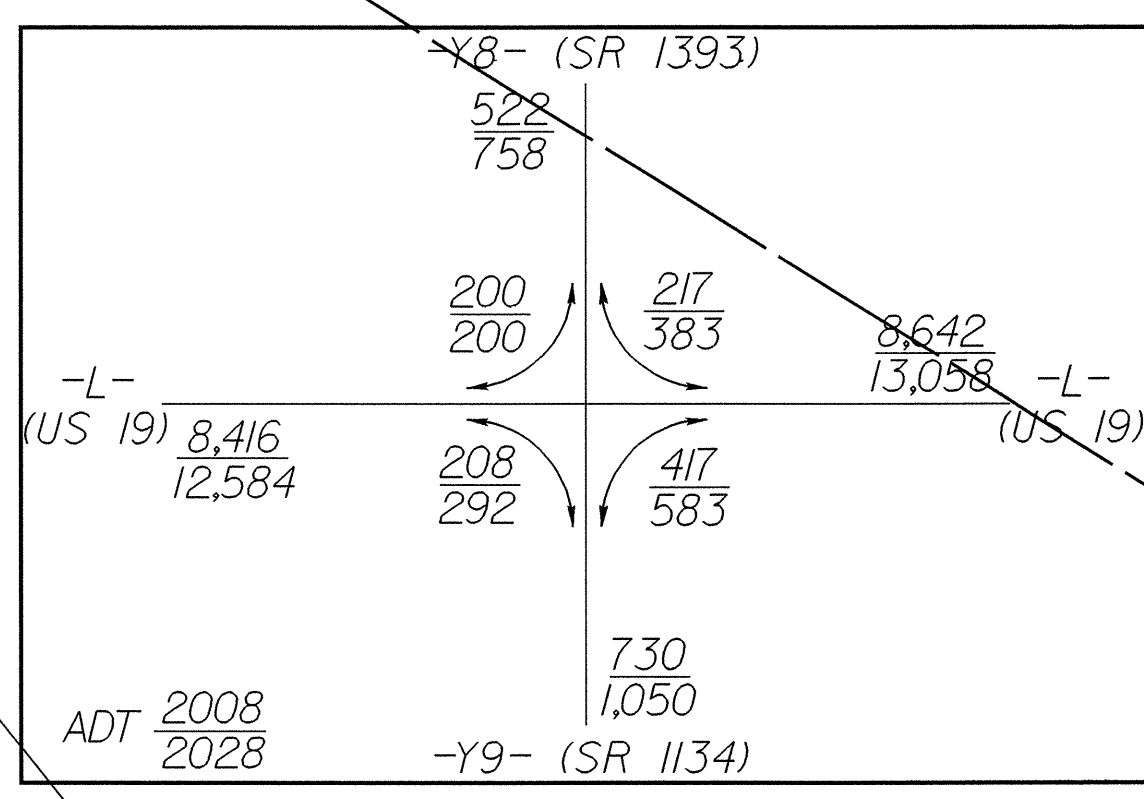
UTILITIES BY OTHERS

NOTE: ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

PI Sta. 156+84.725 $\Delta = 9^{\circ} 20' 36.5''$ (RT) $L = 130.459$ $T = 65.375$ $R = 800.000$ $SE = 0.06$
 PI Sta. 157+74.415 $\Delta = 2^{\circ} 38' 34.0''$ $Ls = 73.800$ $T = 49.205$ $ST = 24.605$
 PI Sta. 158+48.210 $\Delta = 0^{\circ} 24' 23.7''$ $Ls = 36.900$ $LT = 24.600$ $ST = 12.300$
 PI Sta. 159+45.129 $\Delta = 3^{\circ} 43' 41.3''$ (LT) $L = 169.178$ $T = 84.619$ $R = 2,600.000$ $SE = 0.03$

JAMES W. PROFFITT and J. YATES BAILEY D.B. 133 PG. 617

-Y8-
 PI Sta. 10+24.618 $\Delta = 7^{\circ} 42' 17.2''$ (RT) $L = 12.736$ $T = 6.378$ $R = 94.712$ $SE = 0.02$
 PI Sta. 10+62.329 $\Delta = 48^{\circ} 05' 12.0''$ (RT) $L = 58.981$ $T = 31.353$ $R = 70.276$ $SE = 0.04$



S.W. ROBERTSON and SHELBY ROBERTSON D.B. 99 PG. 581

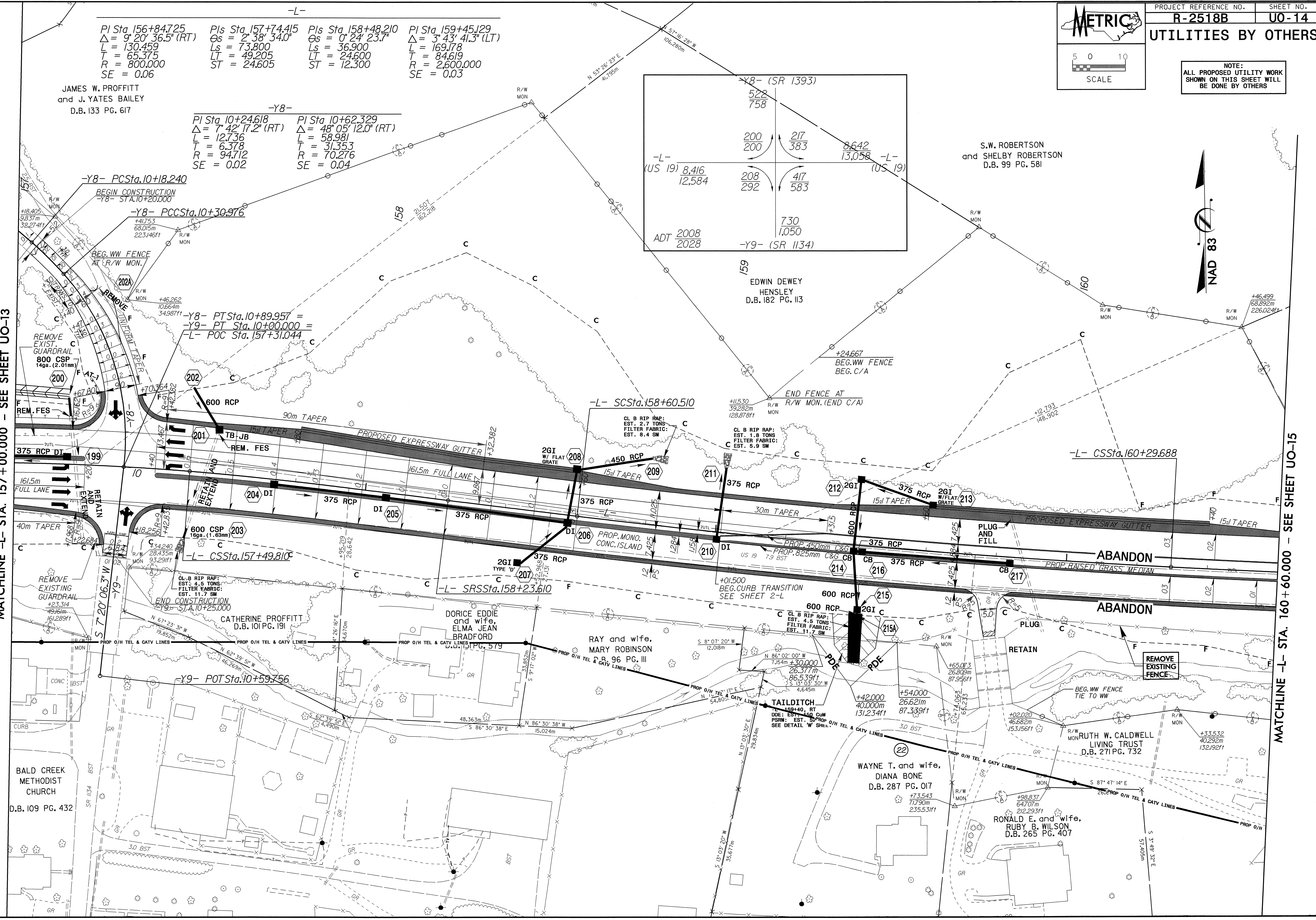
EDWIN DEWEY HENSLEY D.B. 182 PG. 113



MATCHLINE -L- STA. 157+00.000 - SEE SHEET UO-13

MATCHLINE -L- STA. 160+60.000 - SEE SHEET UO-15

04-MAR-2008 11:53 Schumpert 11-2518b-uc-16-uo14-pst.dgn



BALD CREEK METHODIST CHURCH D.B. 109 PG. 432

CATHERINE PROFFITT D.B. 101 PG. 191

DORICE EDDIE and wife, ELMA JEAN BRADFORD D.B. 101 PG. 579

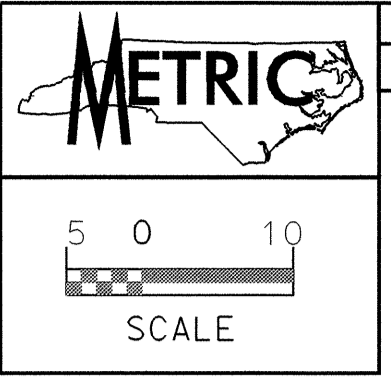
RAY and wife, MARY ROBINSON D.B. 96 PG. 111

WAYNE T. and wife, DIANA BONE D.B. 287 PG. 017

RONALD E. and wife, RUBY B. WILSON D.B. 265 PG. 407

RUTH W. CALDWELL LIVING TRUST D.B. 271 PG. 732

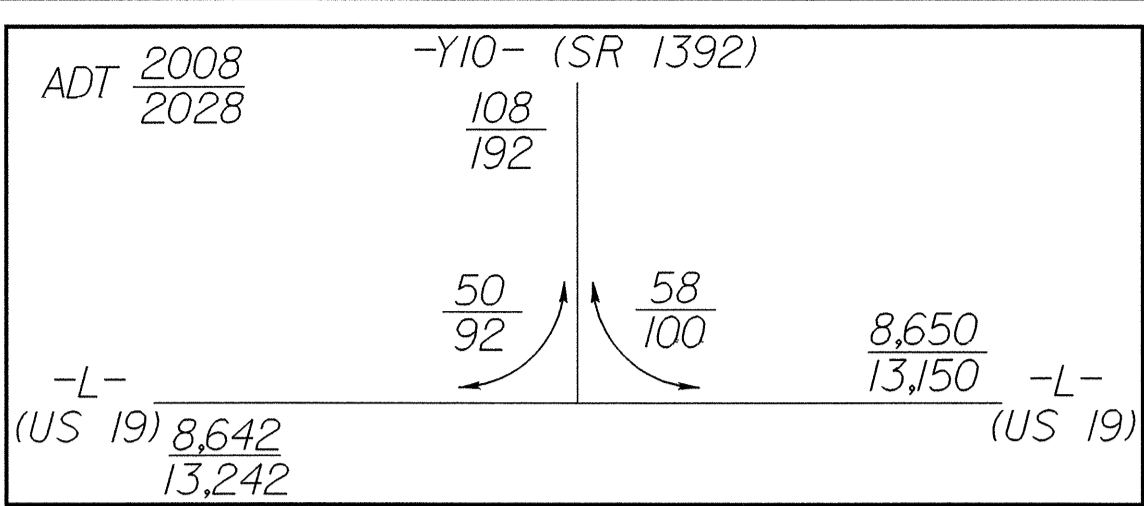
TAILDITCH 159+40, RT DOC. EST. 1-00, CUM PSRM. EST. 5-00, SEE DETAIL 'W' SHEET



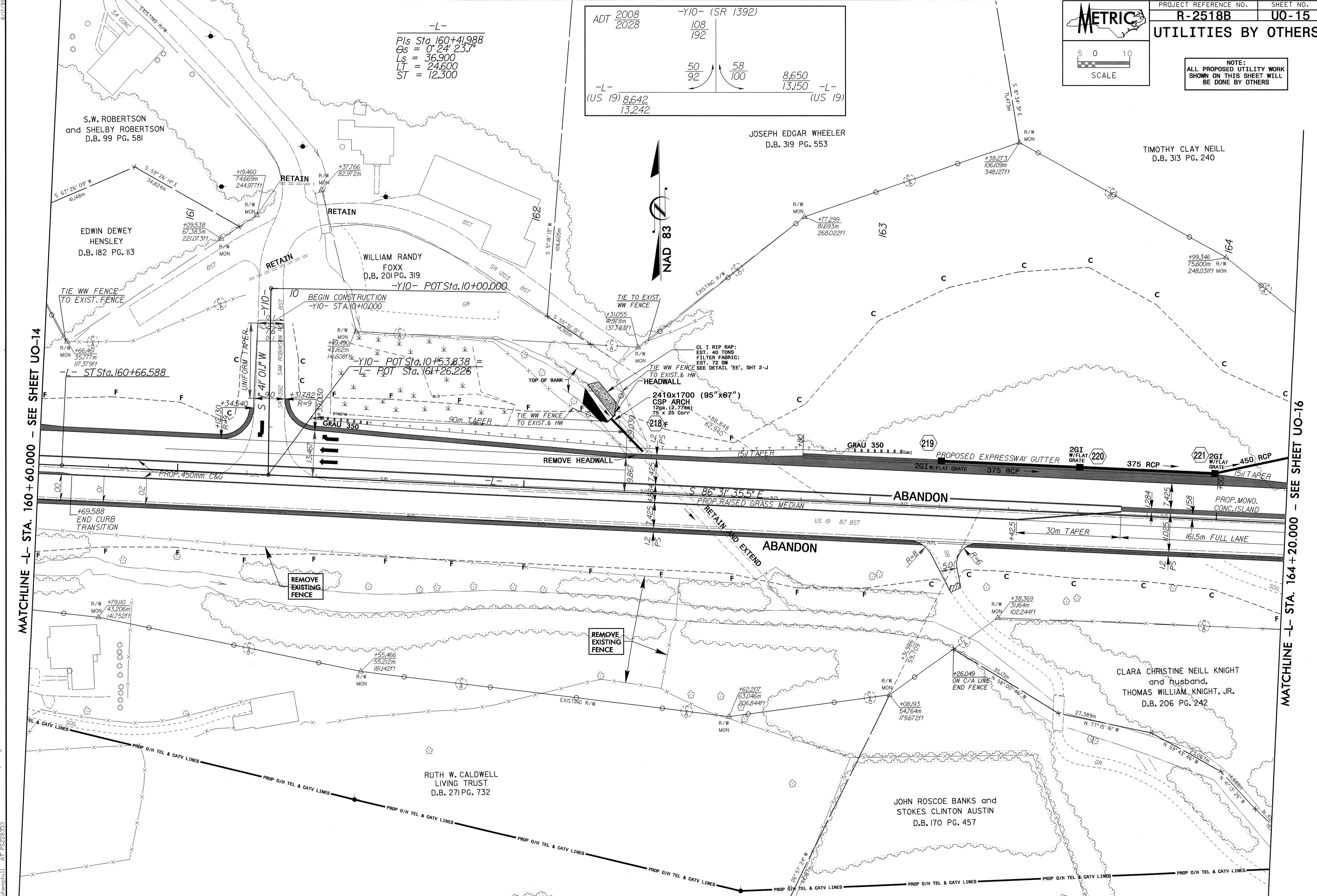
PROJECT REFERENCE NO. R-2518B SHEET NO. U0-15

UTILITIES BY OTHERS

NOTE: ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS



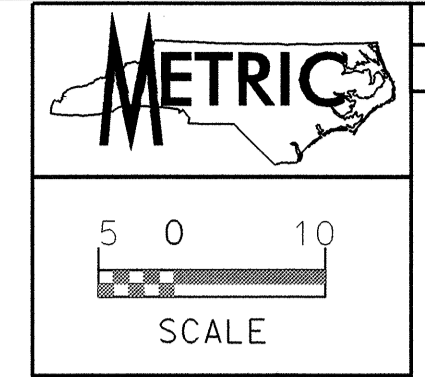
-L-
Pls Sta. 160+41.988
Cs = 0° 24' 23.7"
Ls = 36.900
LT = 24.600
ST = 12.300



MATCHLINE -L- STA. 160+60.000 - SEE SHEET UO-14

MATCHLINE -L- STA. 164+20.000 - SEE SHEET UO-16

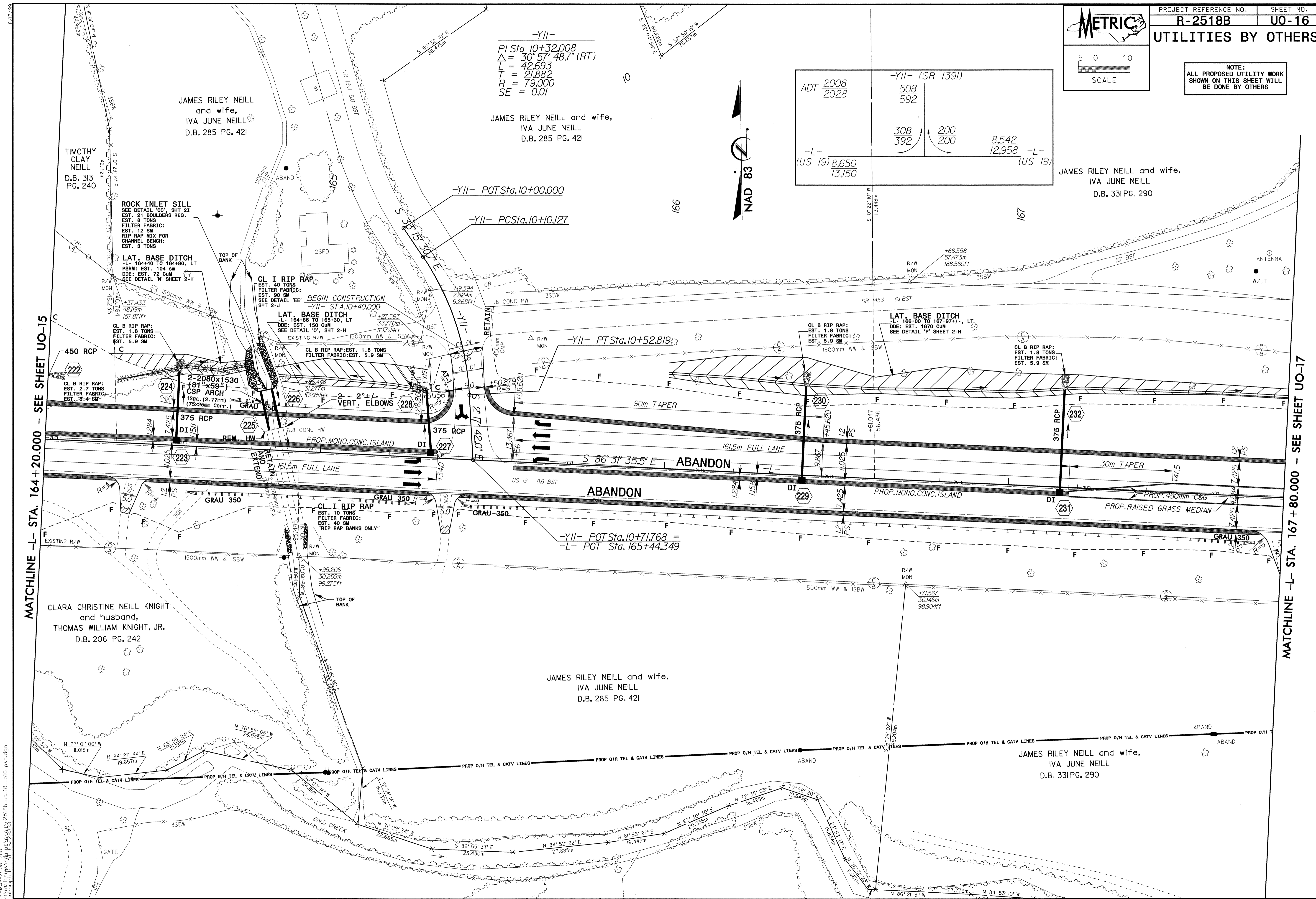
04-MAR-2008 12:02
S:\p10111\17-uo15-ph.dgn



NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

-YII-
PI Sta. 10+32.008
 $\Delta = 30^{\circ}57'48.7''$ (RT)
L = 42.693
T = 21.882
R = 79.000
SE = 0.01

ADT 2008 2028		-YII- (SR 1391)	
	508	592	
	308	200	8,542
	392	200	12,958
-L- (US 19)	8,650		13,150



MATCHLINE -L- STA. 164 + 20.000 - SEE SHEET UO-15

MATCHLINE -L- STA. 167 + 80.000 - SEE SHEET UO-17

JAMES RILEY NEILL
and wife,
IVA JUNE NEILL
D.B. 285 PG. 421

JAMES RILEY NEILL and wife,
IVA JUNE NEILL
D.B. 285 PG. 421

JAMES RILEY NEILL and wife,
IVA JUNE NEILL
D.B. 331 PG. 290

TIMOTHY
CLAY
NEILL
D.B. 313
PG. 240

ROCK INLET SILL
SEE DETAIL 'CC' SHT 21
EST. 21 BOULDERS REQ.
EST. 8 TONS
FILTER FABRIC:
EST. 12 SM
RIP RAP MIX FOR
CHANNEL BENCH:
EST. 3 TONS

LAT. BASE DITCH
-L- 164+40 TO 164+90, LT
PSRM: EST. 104 SM
DDE: EST. 72 CUM
SEE DETAIL 'N' SHEET 2-H

CL I RIP RAP
EST. 40 TONS
FILTER FABRIC:
EST. 80 SM
SEE DETAIL 'EE'
SHT 2-J

LAT. BASE DITCH
-L- 164+86 TO 166+30, LT
DDE: EST. 150 CUM
SEE DETAIL 'D' SHT 2-H

CL B RIP RAP: EST. 1.8 TONS
FILTER FABRIC: EST. 5.9 SM

CL B RIP RAP:
EST. 2.7 TONS
FILTER FABRIC:
EST. 8.4 SM

2-2080x1530
CSP ARCH
(81"x59")
12ga. (2.77mm)
(75x25mm Corr.)

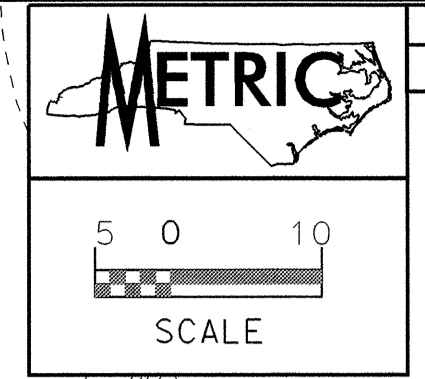
CL I RIP RAP
EST. 10 TONS
FILTER FABRIC:
EST. 40 SM
"RIP RAP BANKS ONLY"

JAMES RILEY NEILL and wife,
IVA JUNE NEILL
D.B. 285 PG. 421

JAMES RILEY NEILL and wife,
IVA JUNE NEILL
D.B. 331 PG. 290

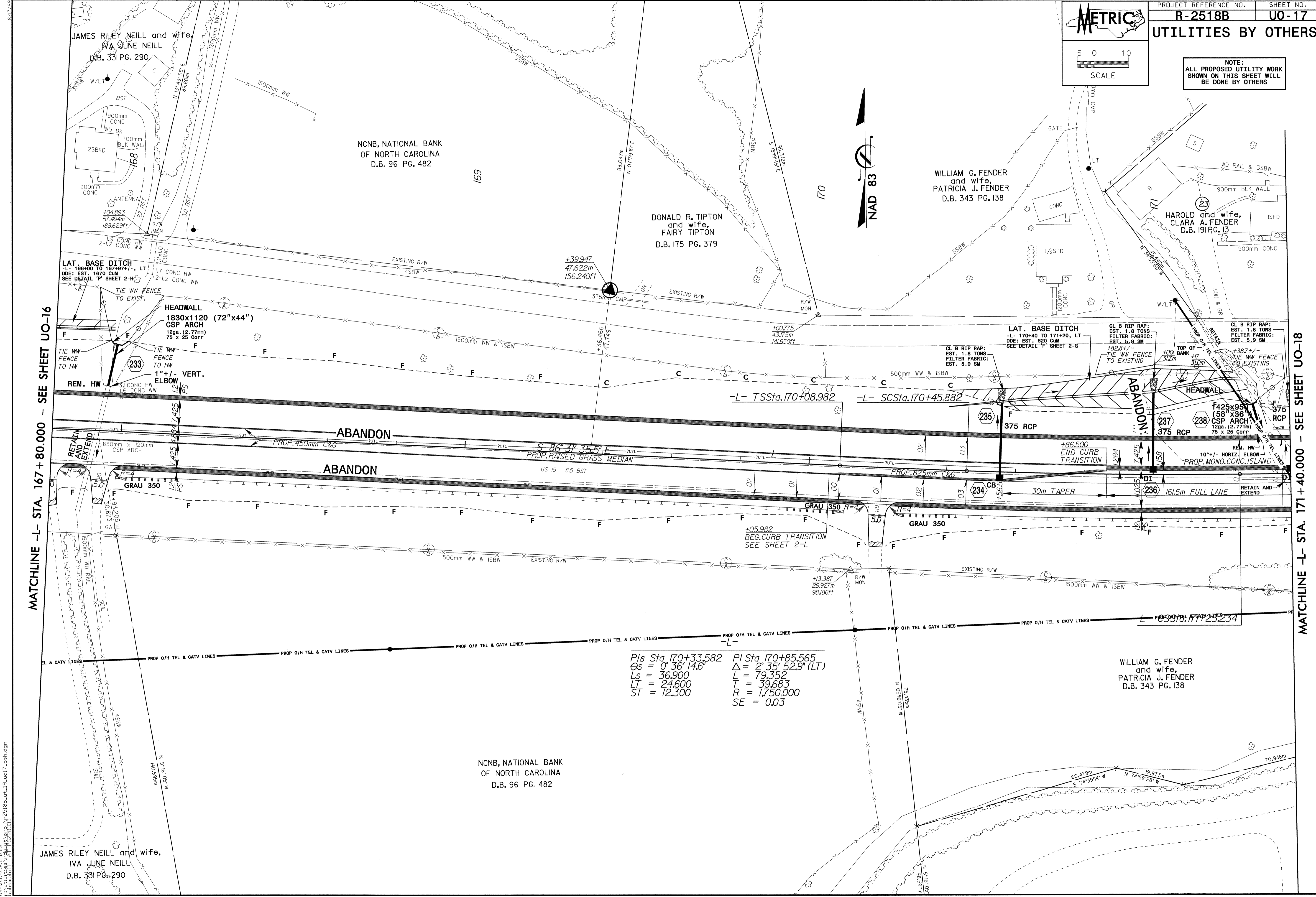
CLARA CHRISTINE NEILL KNIGHT
and husband,
THOMAS WILLIAM KNIGHT, JR.
D.B. 206 PG. 242

04-MAR-2008 12:40
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UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



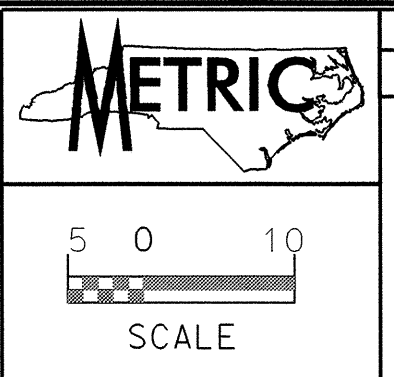
MATCHLINE -L- STA. 167 + 80.000 - SEE SHEET UO-16

MATCHLINE -L- STA. 171 + 40.000 - SEE SHEET UO-18

04-MAR-2008 12:19 Schmitt\Projects\2518B\ut-17_u017.psd.dgn

NCNB, NATIONAL BANK
OF NORTH CAROLINA
D.B. 96 PG. 482

WILLIAM G. FENDER
and wife,
PATRICIA J. FENDER
D.B. 343 PG. 138

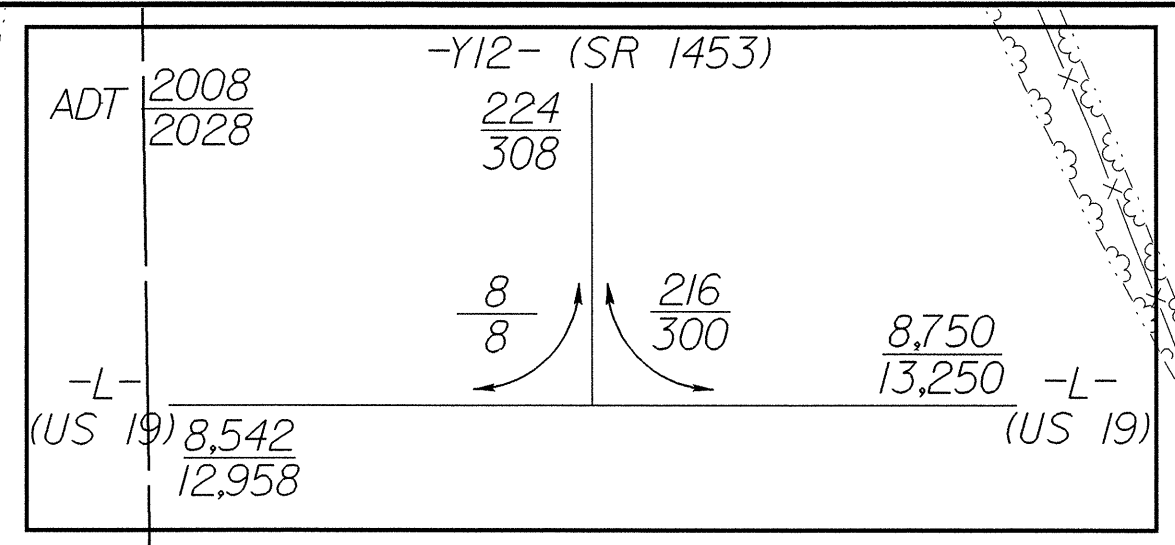


UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

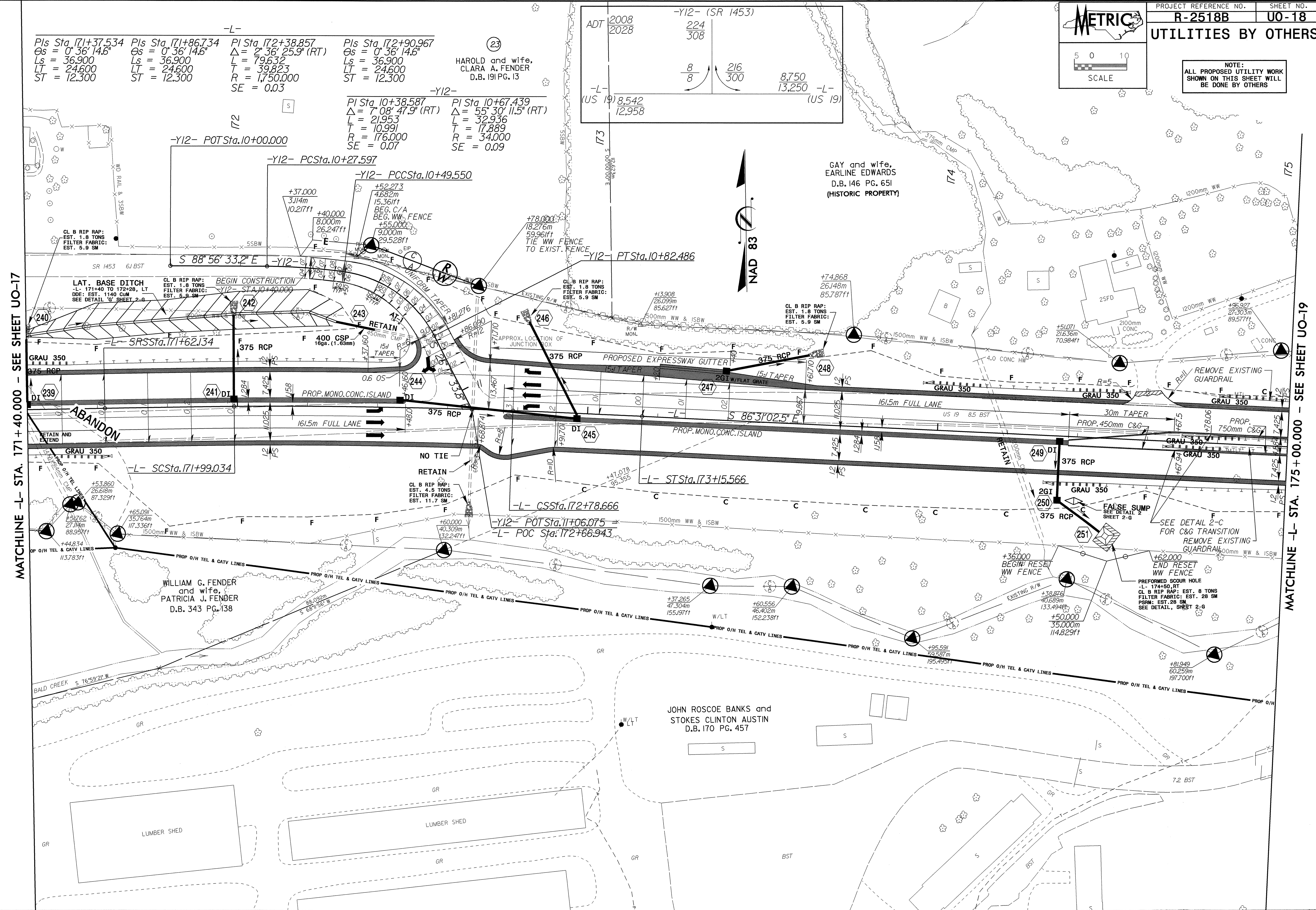
Pls Sta. 171+37.534 Pls Sta. 171+86.734 Pls Sta. 172+38.857 Pls Sta. 172+90.967
 $\Delta s = 0^\circ 36' 14.6''$ $\Delta s = 0^\circ 36' 14.6''$ $\Delta = 2^\circ 36' 25.9''$ (RT) $\Delta s = 0^\circ 36' 14.6''$
 $L_s = 36.900$ $L_s = 36.900$ $L = 79.635$ $L_s = 36.900$
 $LT = 24.600$ $LT = 24.600$ $T = 39.823$ $LT = 24.600$
 $ST = 12.300$ $ST = 12.300$ $R = 1,750.000$ $ST = 12.300$
 $SE = 0.03$

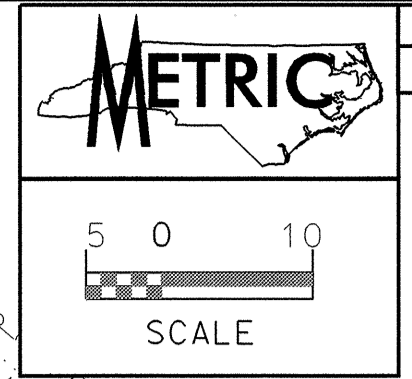
(23)
HAROLD and wife,
CLARA A. FENDER
D.B. 191 PG. 13



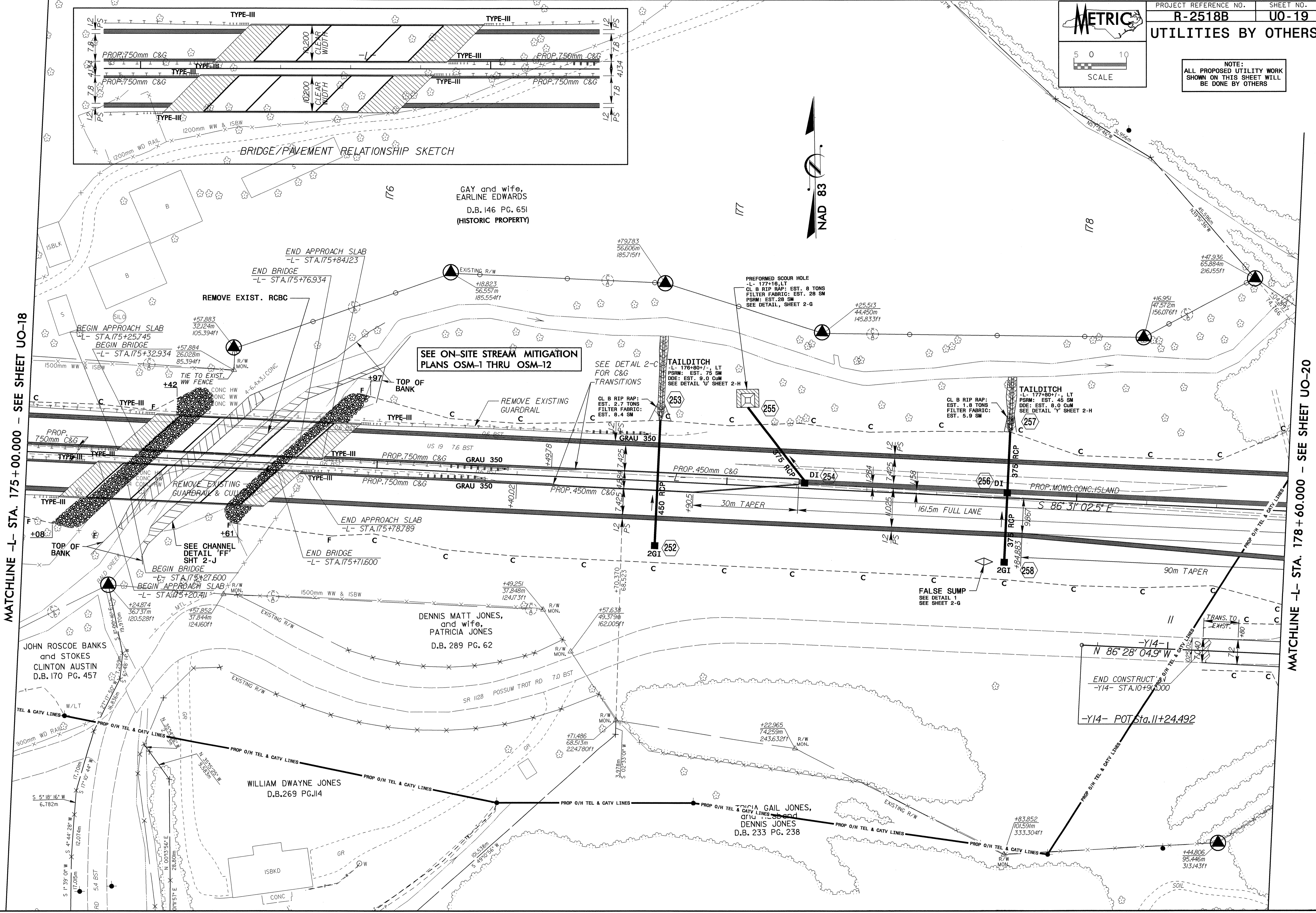
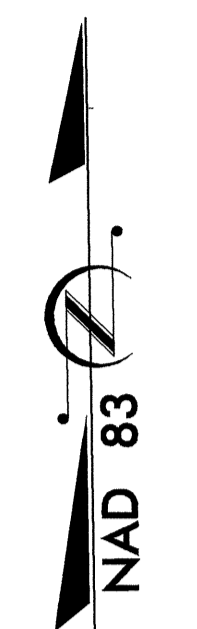
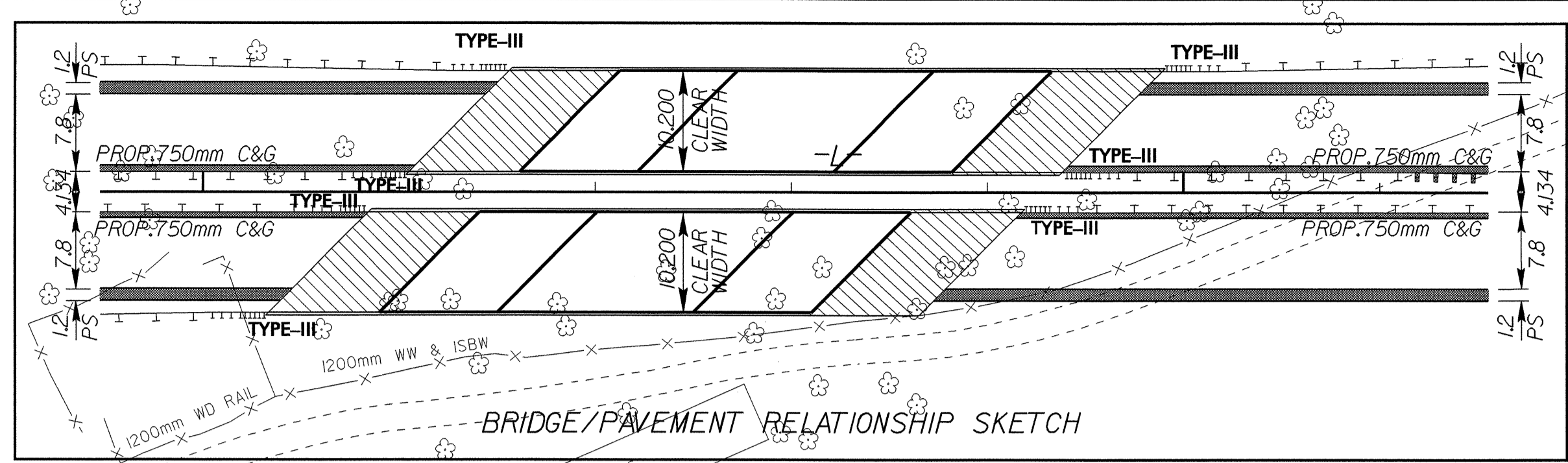
MATCHLINE -L- STA. 171+40.000 - SEE SHEET UO-17

MATCHLINE -L- STA. 175+00.000 - SEE SHEET UO-19





NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



MATCHLINE -L- STA. 175+00.000 - SEE SHEET UO-18

MATCHLINE -L- STA. 178+60.000 - SEE SHEET UO-20

04-MAR-2008 12:38
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C:\p\2518b\util\2518b-ut-21.uo19.psh.dgn

8/17/98
04-MAR-2008 14:04
c:\p\h\2518b\ut_22.uc00.psh.dgn

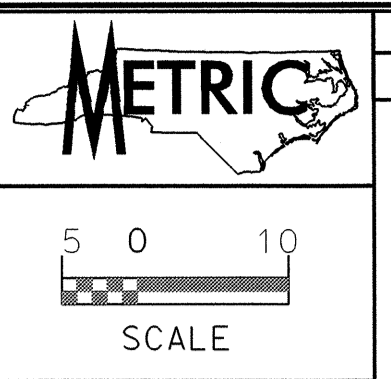
GAY and wife,
EARLINE EDWARDS
D.B. 146 PG. 651

PATRICIA GAIL JONES,
and husband
DENNIS JONES
D.B. 233 PG. 238

DENNIS MATT JONES,
and wife,
PATRICIA JONES
D.B. 207 PG. 530

BOBBY JOHN HOILMAN
D.B. 269 PG. 063

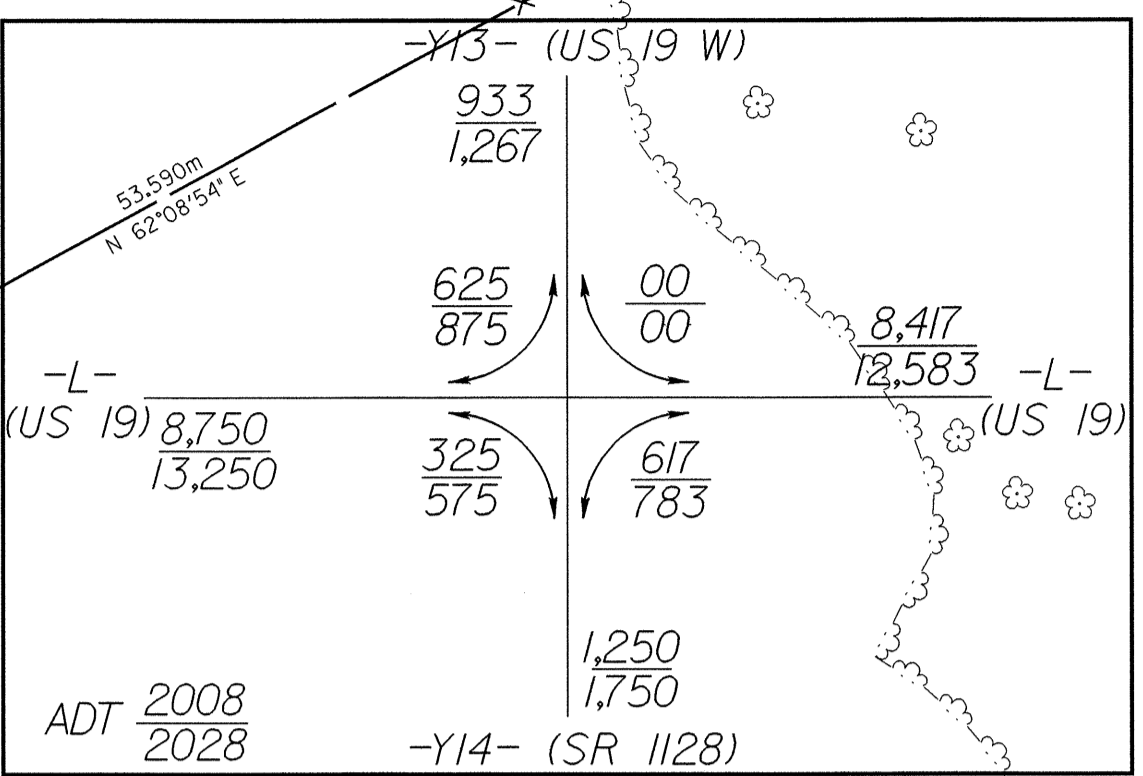
ALAN R. McCURRY and wife,
RITA A. McCURRY
D.B. 224 PG. 118



PROJECT REFERENCE NO. R-2518B
SHEET NO. U0-20

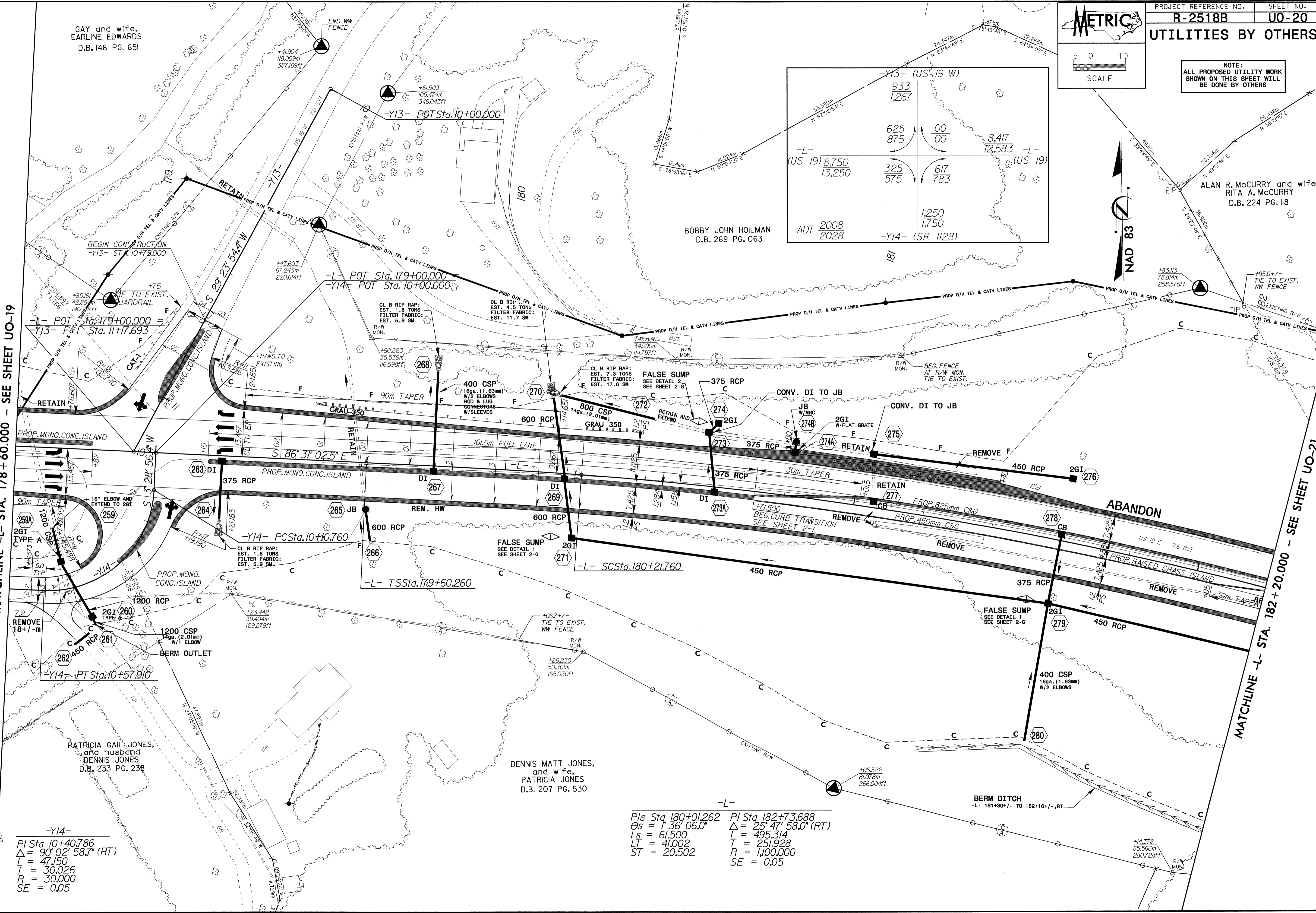
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



MATCHLINE -L- STA. 178+60.000 - SEE SHEET UO-19

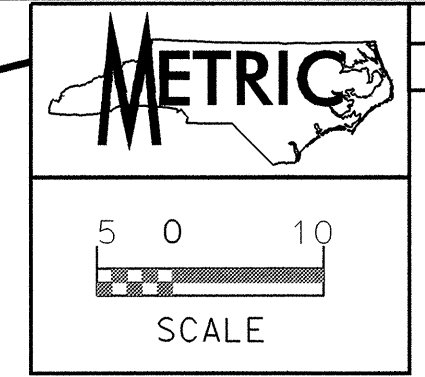
MATCHLINE -L- STA. 182+20.000 - SEE SHEET UO-21



-Y14-
PI Sta 10+40.786
 $\Delta = 90^{\circ} 02' 58.7''$ (RT)
L = 47.150
T = 30.026
R = 30.000
SE = 0.05

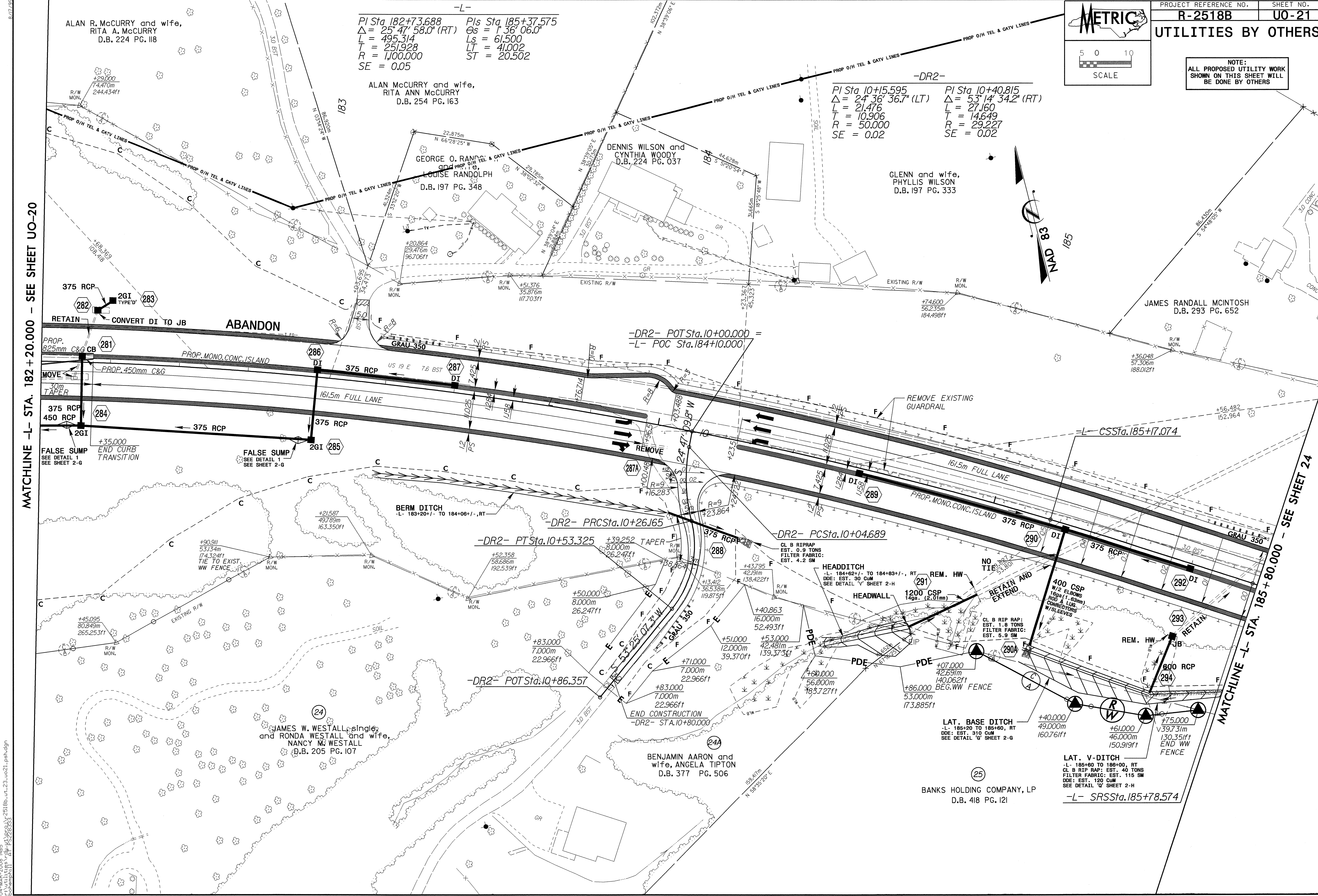
-L-
PI Sta 180+01.262 PI Sta 182+73.688
 $\Delta = 1^{\circ} 36' 06.0''$ $\Delta = 25^{\circ} 47' 58.0''$ (RT)
Ls = 61.500 L = 495.314
LT = 41.002 T = 251.928
ST = 20.502 R = 1,100.000
SE = 0.05

BERM DITCH
-L- 181+30+/- TO 182+16+/-, RT



UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



-L-
PI Sta 182+73.688 Pls Sta 185+37.575
Δ = 25° 47' 58.0" (RT) Os = 1° 36' 06.0"
L = 495.314 Ls = 61.500
T = 251.928 LT = 41.002
R = 1,100.000 ST = 20.502
SE = 0.05

-DR2-
PI Sta 10+15.595 PI Sta 10+40.815
Δ = 24° 36' 36.7" (LT) Δ = 53° 14' 34.2" (RT)
L = 21.476 L = 27.160
T = 10.906 T = 14.649
R = 50.000 R = 29.227
SE = 0.02 SE = 0.02

MATCHLINE -L- STA. 182 + 20.000 - SEE SHEET UO-20

MATCHLINE -L- STA. 185 + 80.000 - SEE SHEET 24

ALAN R. McCURRY and wife,
RITA A. McCURRY
D.B. 224 PG. 118

ALAN McCURRY and wife,
RITA ANN McCURRY
D.B. 254 PG. 163

GEORGE O. RANDOLPH and
LOUISE RANDOLPH
D.B. 197 PG. 348

DENNIS WILSON and
CYNTHIA WOODY
D.B. 224 PG. 037

GLENN and wife,
PHYLLIS WILSON
D.B. 197 PG. 333

JAMES RANDALL MCINTOSH
D.B. 293 PG. 652

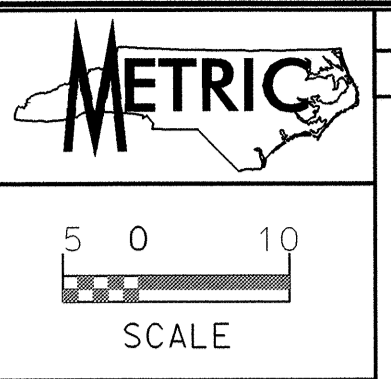
JAMES W. WESTALL, single,
and RONDA WESTALL and wife,
NANCY M. WESTALL
D.B. 205 PG. 107

BENJAMIN AARON and
wife, ANGELA TIPTON
D.B. 377 PG. 506

BANKS HOLDING COMPANY, LP
D.B. 418 PG. 121

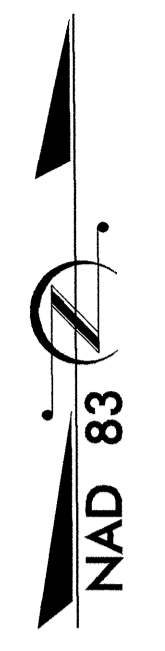
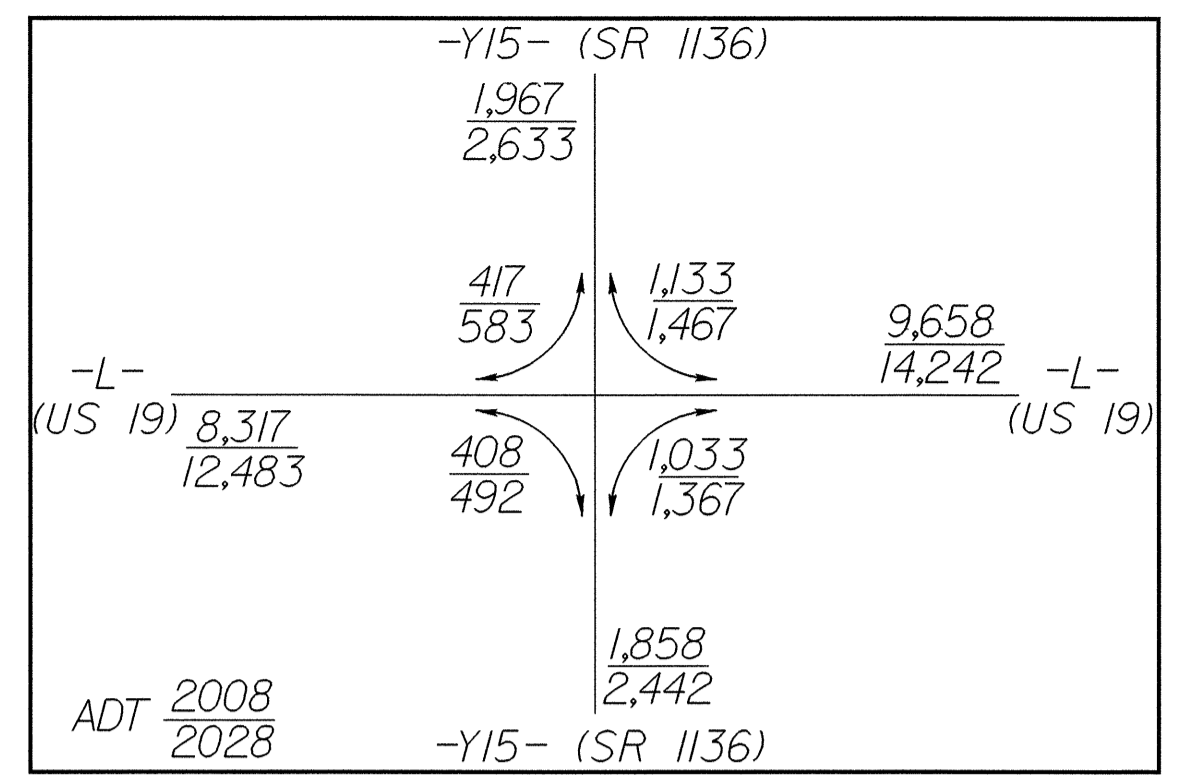
LAT. V-DITCH
-L- 185+60 TO 186+00, RT
CL B RIP RAP: EST. 40 TONS
FILTER FABRIC: EST. 115 SM
DDE: EST. 100 CU M
SEE DETAIL 'Q' SHEET 2-H
-L- SRSSta. 185+78.574

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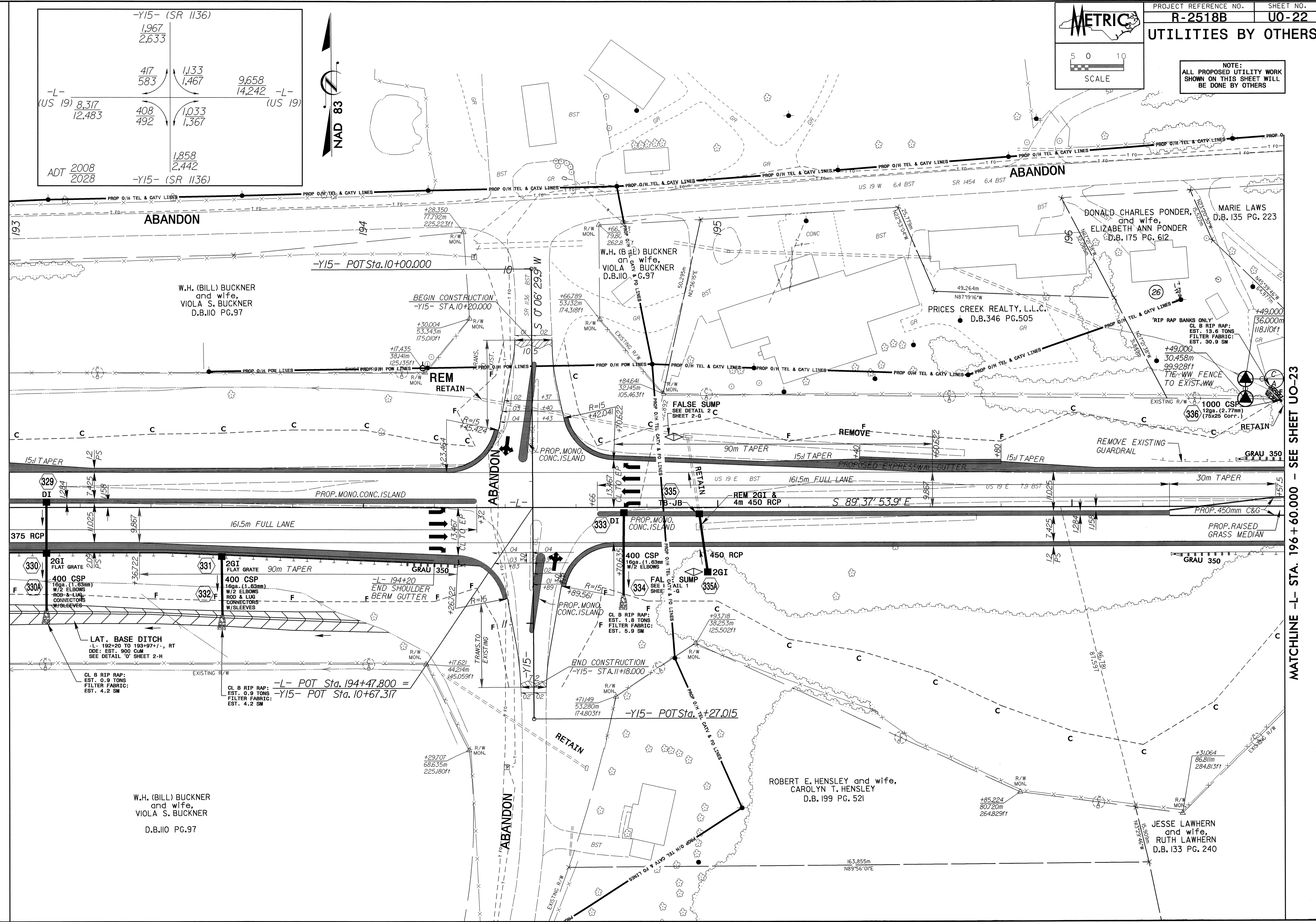
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



MATCHLINE -L- STA. 193+00.000 - SEE SHEET 25

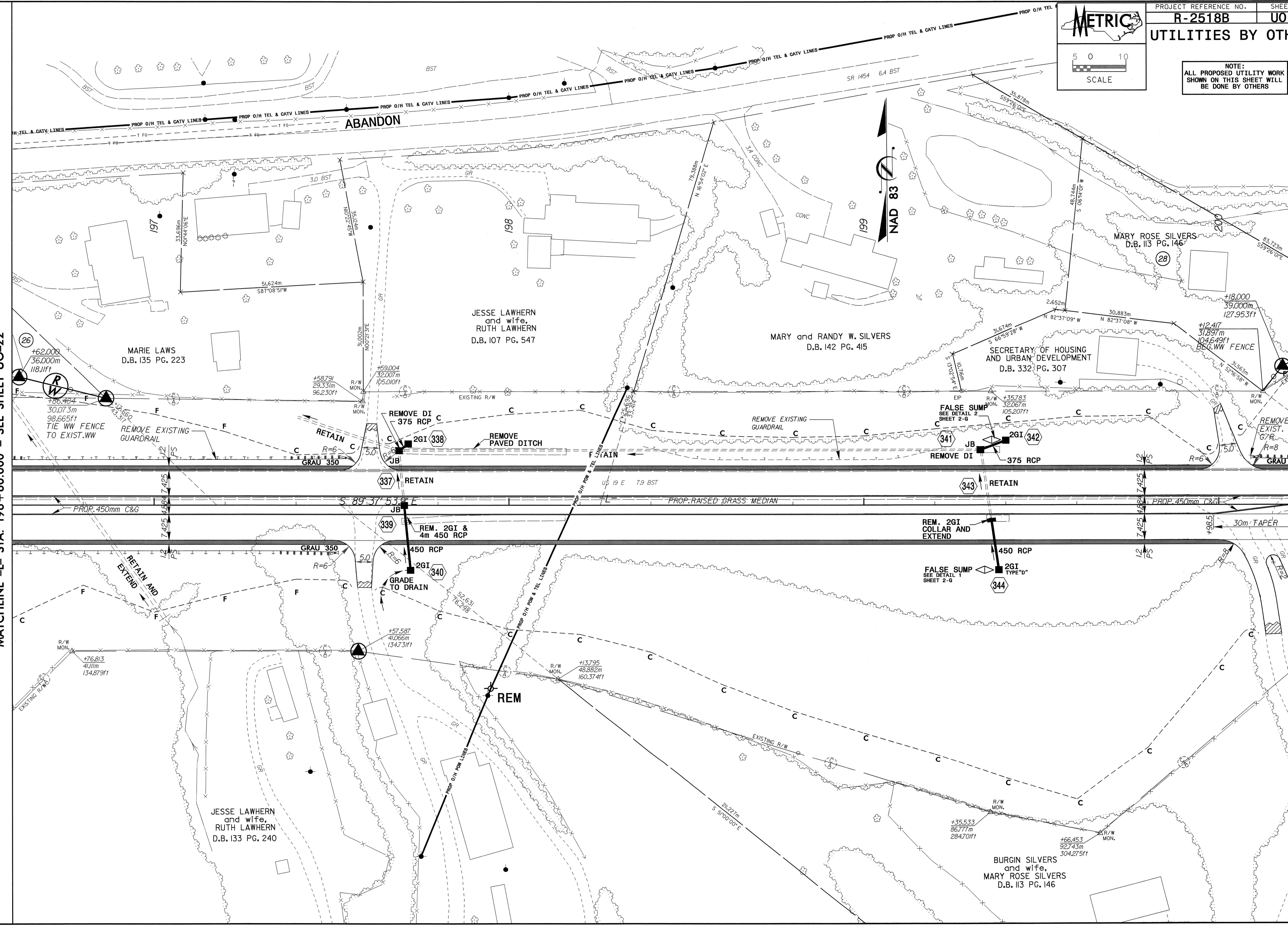
MATCHLINE -L- STA. 196+60.000 - SEE SHEET UO-23

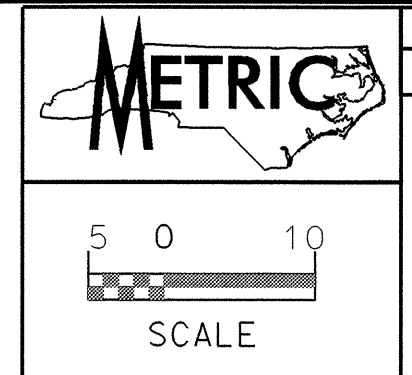


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8/17/08
MATCHLINE -L- STA. 196+60.000 - SEE SHEET U0-22

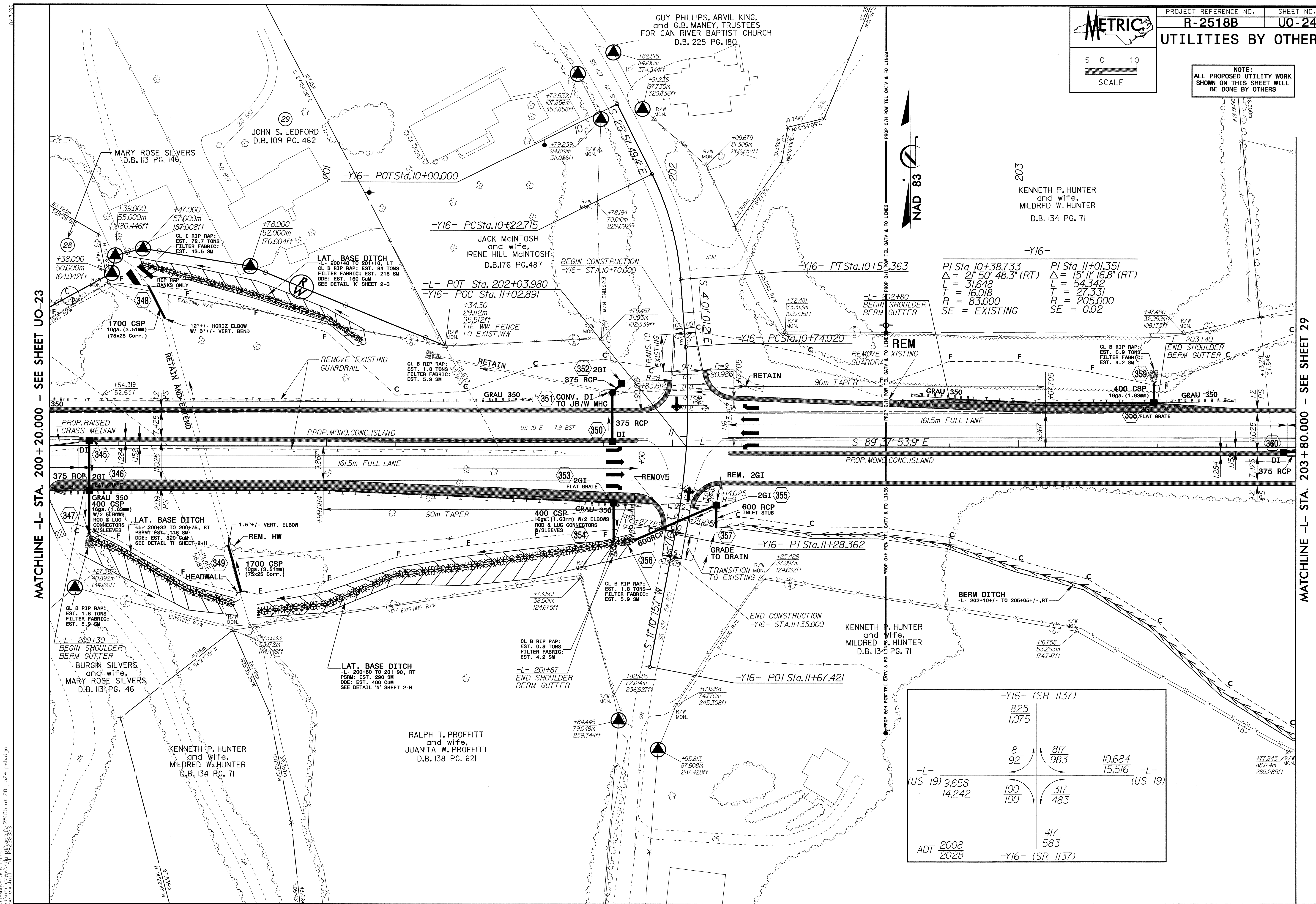
MATCHLINE -L- STA. 200+20.000 - SEE SHEET U0-24





UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



MATCHLINE -L- STA. 200+20.000 - SEE SHEET U0-23

MATCHLINE -L- STA. 203+80.000 - SEE SHEET 29

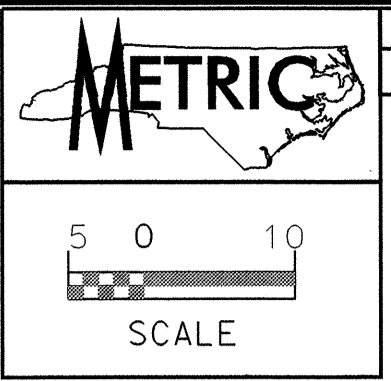
-Y16-
PI Sta 10+38.733 Δ = 2° 50' 48.3" (RT) L = 31.648 T = 16.018 R = 83.000 SE = EXISTING
PI Sta 11+01.351 Δ = 15° 11' 16.8" (RT) L = 54.342 T = 27.331 R = 205.000 SE = 0.02

		-Y16- (SR 1137)			
		825			
		1,075			
-L-	8	817			
(US 19)	92	983	10,684	-L-	
			15,516	(US 19)	
	100	317			
	100	483			
		417			
		583			
		-Y16- (SR 1137)			
		ADT 2008			
		2028			

04-MAR-2008 15:35
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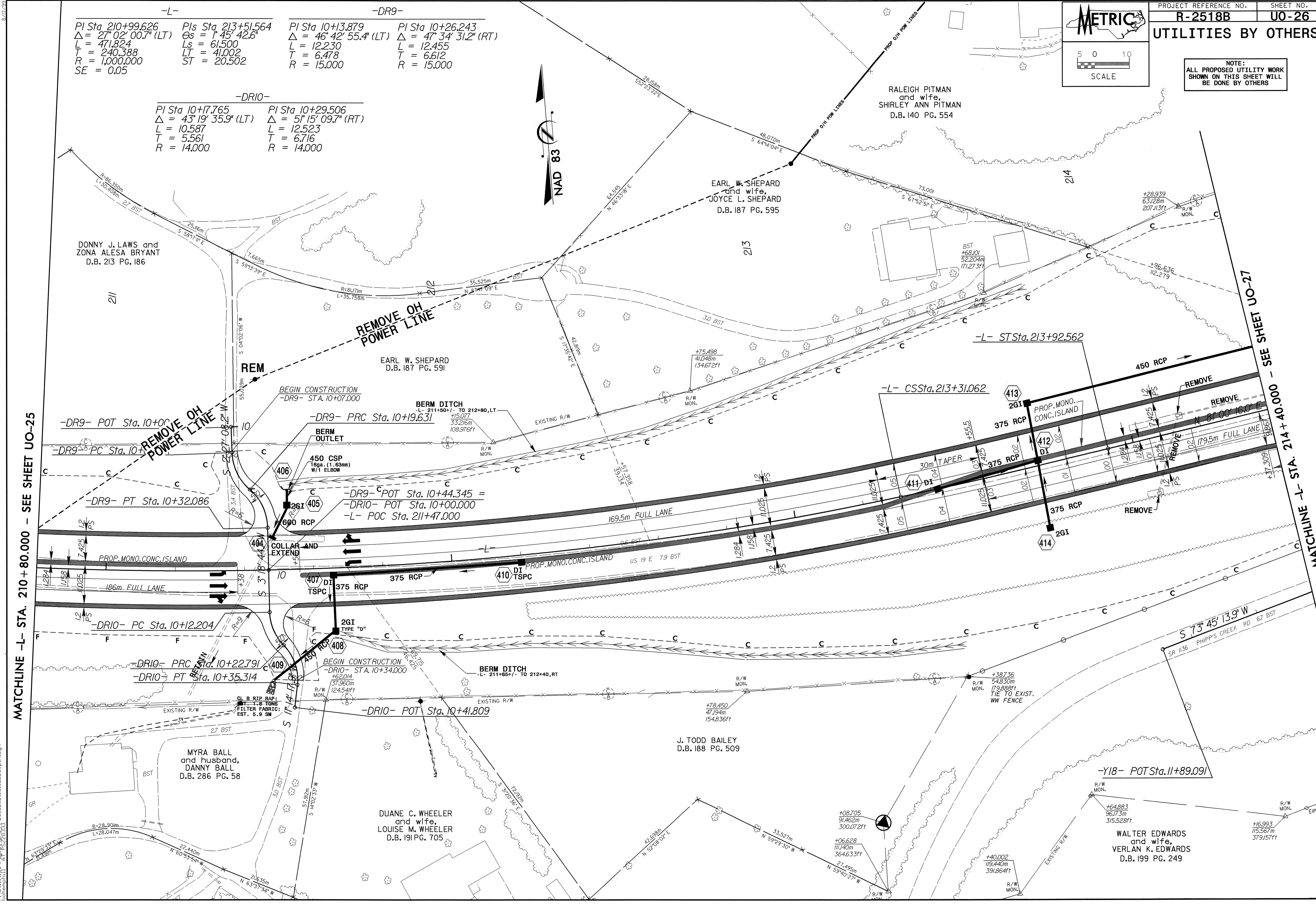
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



-L-		-DR9-	
PI Sta 210+99.626 Δ = 27° 02' 00.7" (LT) L = 471.824 T = 240.388 R = 1,000.000 SE = 0.05	PIs Sta 213+51.564 Os = 1° 45' 42.6" Ls = 61.500 LT = 41.002 ST = 20.502	PI Sta 10+13.879 Δ = 46° 42' 55.4" (LT) L = 12.230 T = 6.478 R = 15.000	PI Sta 10+26.243 Δ = 47° 34' 31.2" (RT) L = 12.455 T = 6.612 R = 15.000

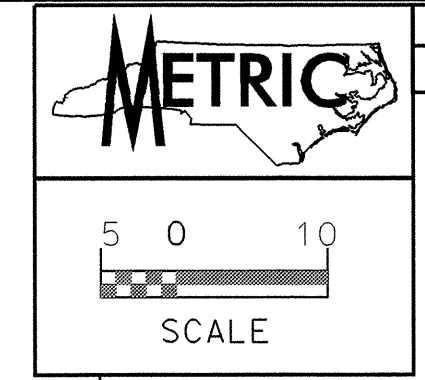
-DR10-	
PI Sta 10+17.765 Δ = 43° 19' 35.9" (LT) L = 10.587 T = 5.561 R = 14.000	PI Sta 10+29.506 Δ = 51° 15' 09.7" (RT) L = 12.523 T = 6.716 R = 14.000



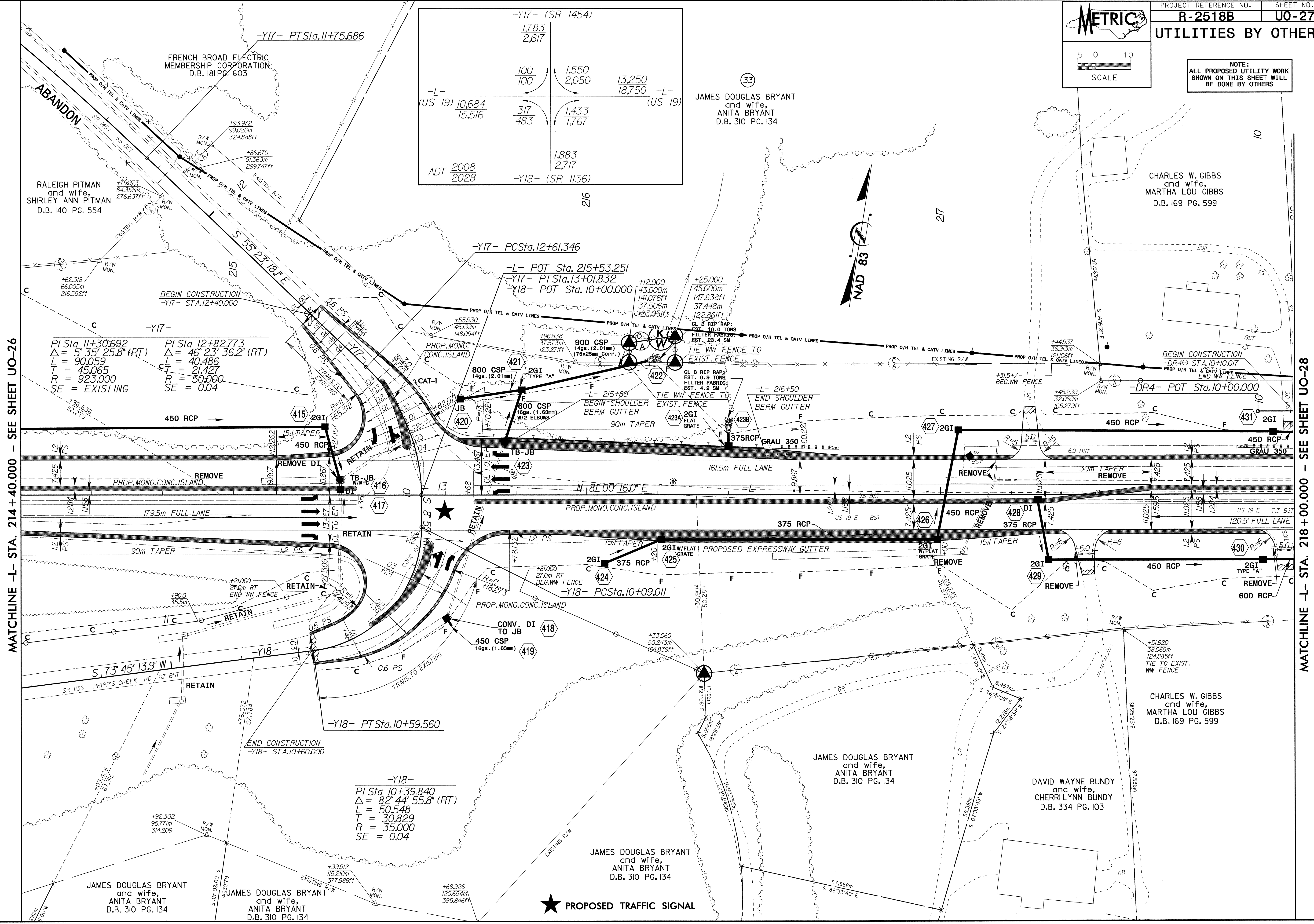
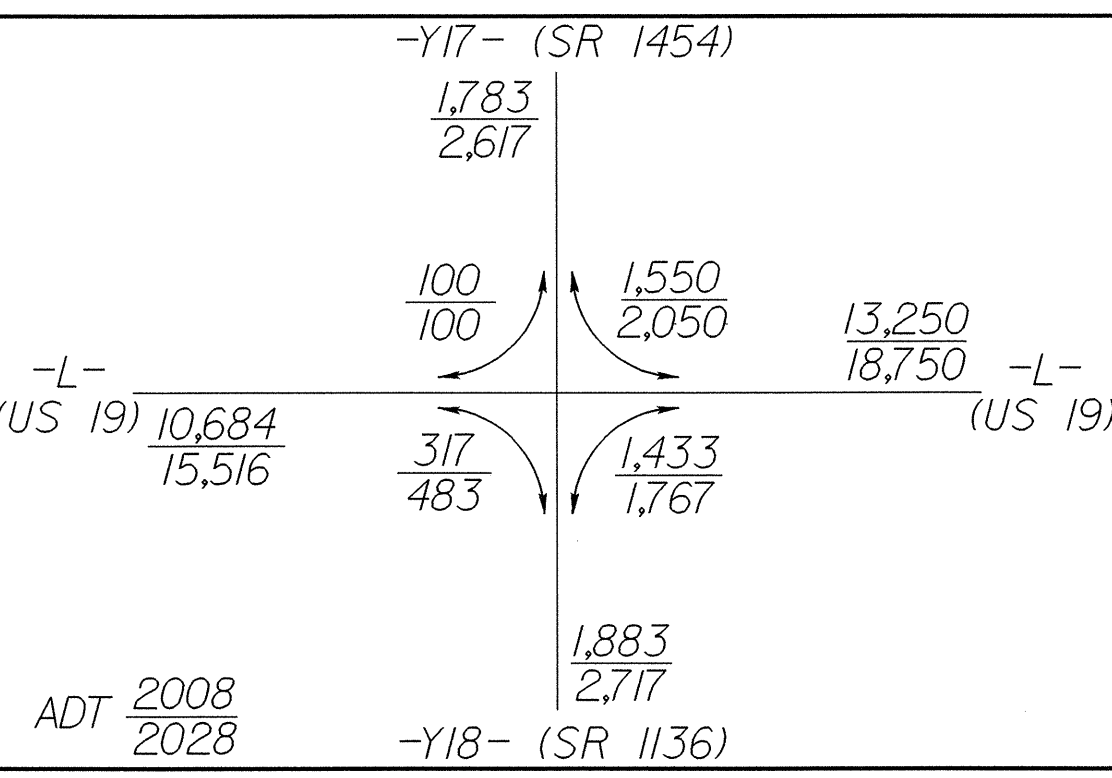
MATCHLINE -L- STA. 210 + 80.000 - SEE SHEET UO-25

MATCHLINE -L- STA. 214 + 40.000 - SEE SHEET UO-27

05-MAR-2008 12:09
C:\p1\2518b\ut_31\loc26-ph.dgn



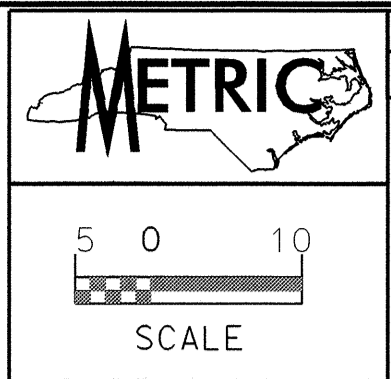
NOTE:
 ALL PROPOSED UTILITY WORK
 SHOWN ON THIS SHEET WILL
 BE DONE BY OTHERS



MATCHLINE -L- STA. 214 + 40.000 - SEE SHEET UO-26

MATCHLINE -L- STA. 218 + 00.000 - SEE SHEET UO-28

★ PROPOSED TRAFFIC SIGNAL



UTILITIES BY OTHERS

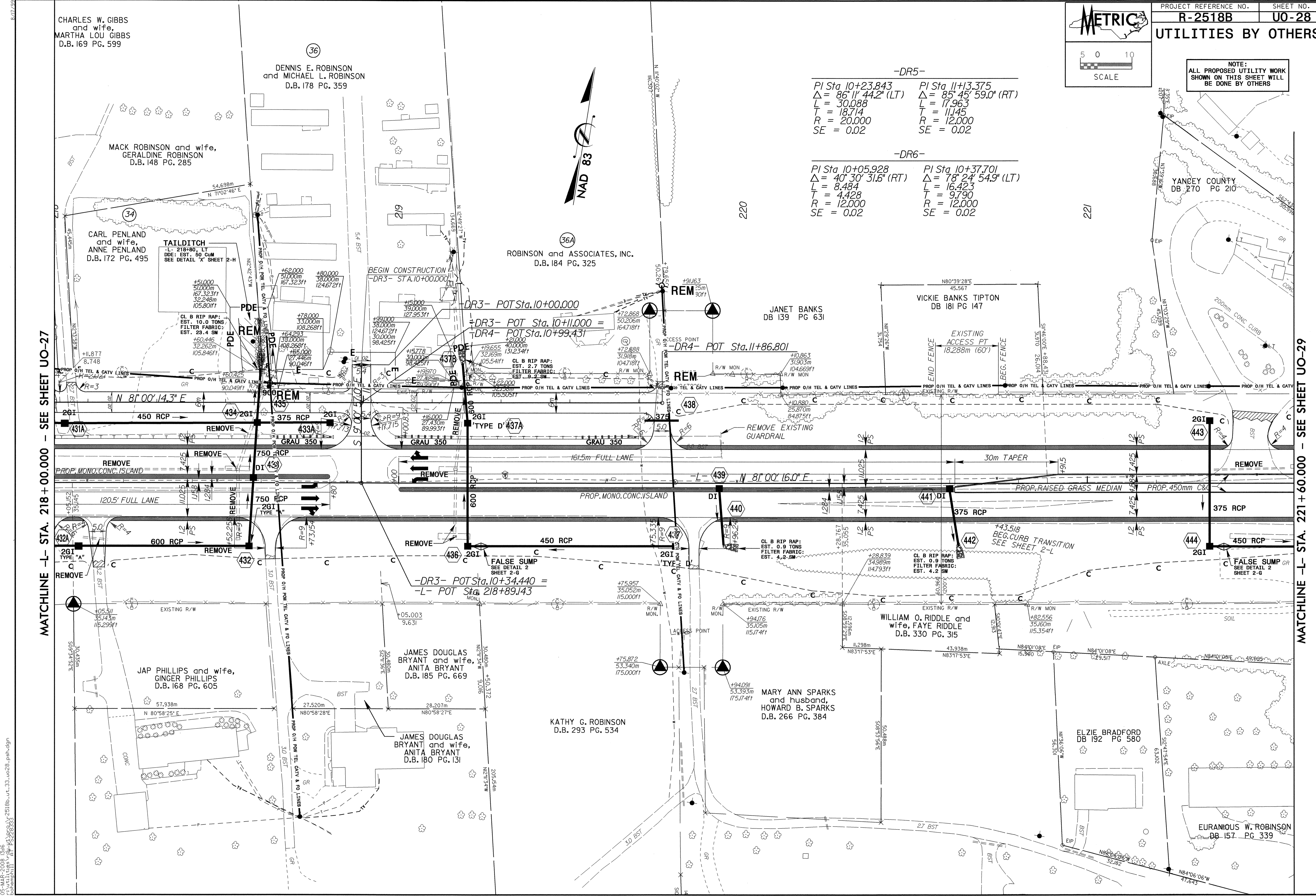
NOTE: ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

-DR5-

PI Sta 10+23.843	PI Sta 11+13.375
$\Delta = 86^\circ 11' 44.2''$ (LT)	$\Delta = 85^\circ 45' 59.0''$ (RT)
L = 30.088	L = 17.963
T = 18.714	T = 11.445
R = 20.000	R = 12.000
SE = 0.02	SE = 0.02

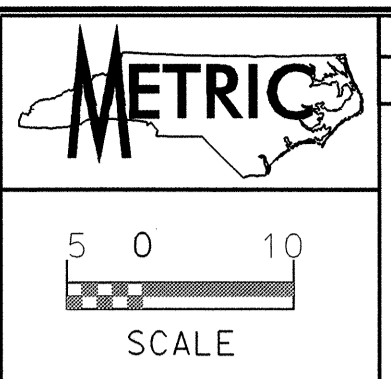
-DR6-

PI Sta 10+05.928	PI Sta 10+37.701
$\Delta = 40^\circ 30' 31.6''$ (RT)	$\Delta = 78^\circ 24' 54.9''$ (LT)
L = 8.484	L = 16.423
T = 4.428	T = 9.790
R = 12.000	R = 12.000
SE = 0.02	SE = 0.02

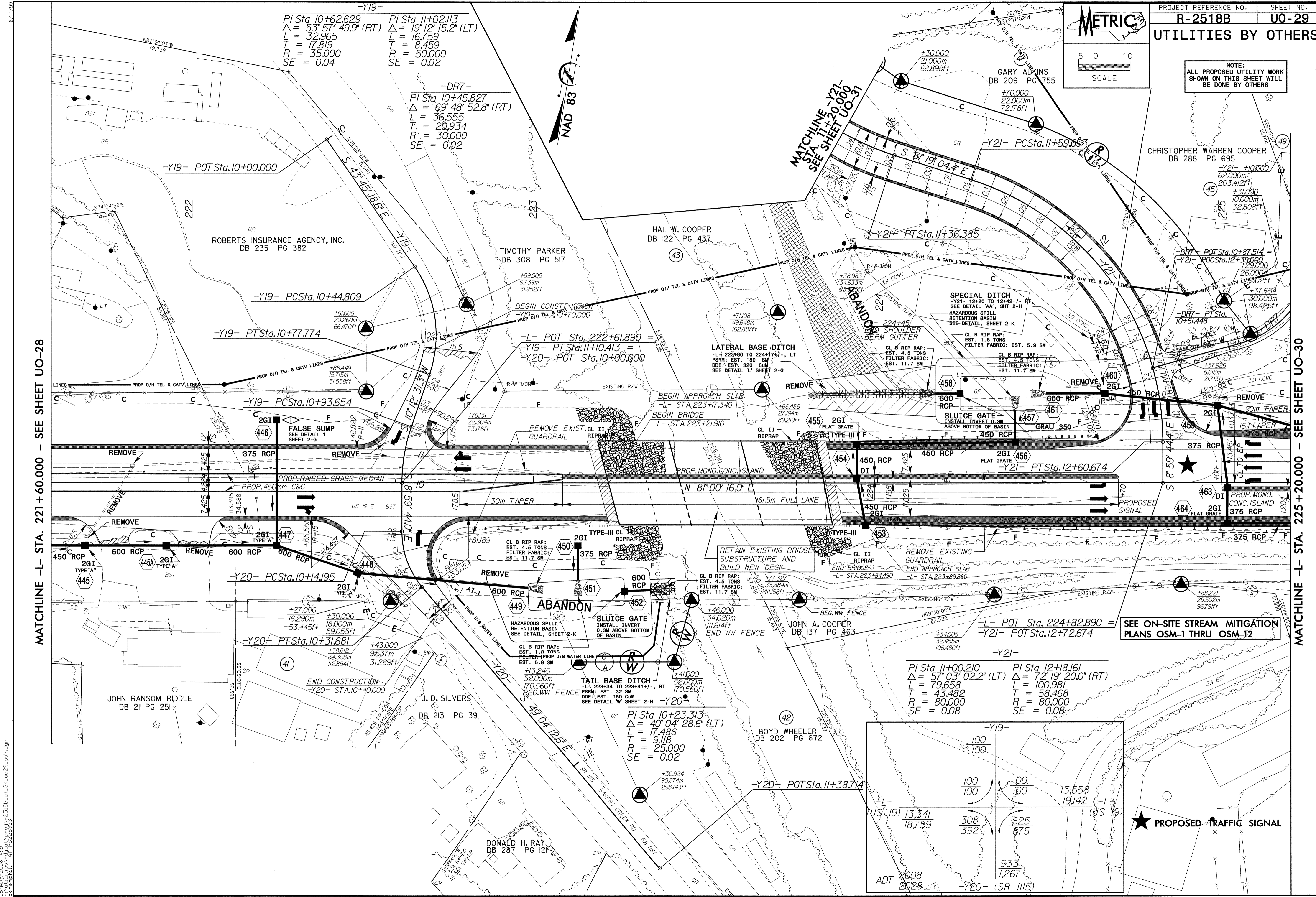


MATCHLINE -L- STA. 218 + 00.000 - SEE SHEET UO-27

MATCHLINE -L- STA. 221 + 60.000 - SEE SHEET UO-29



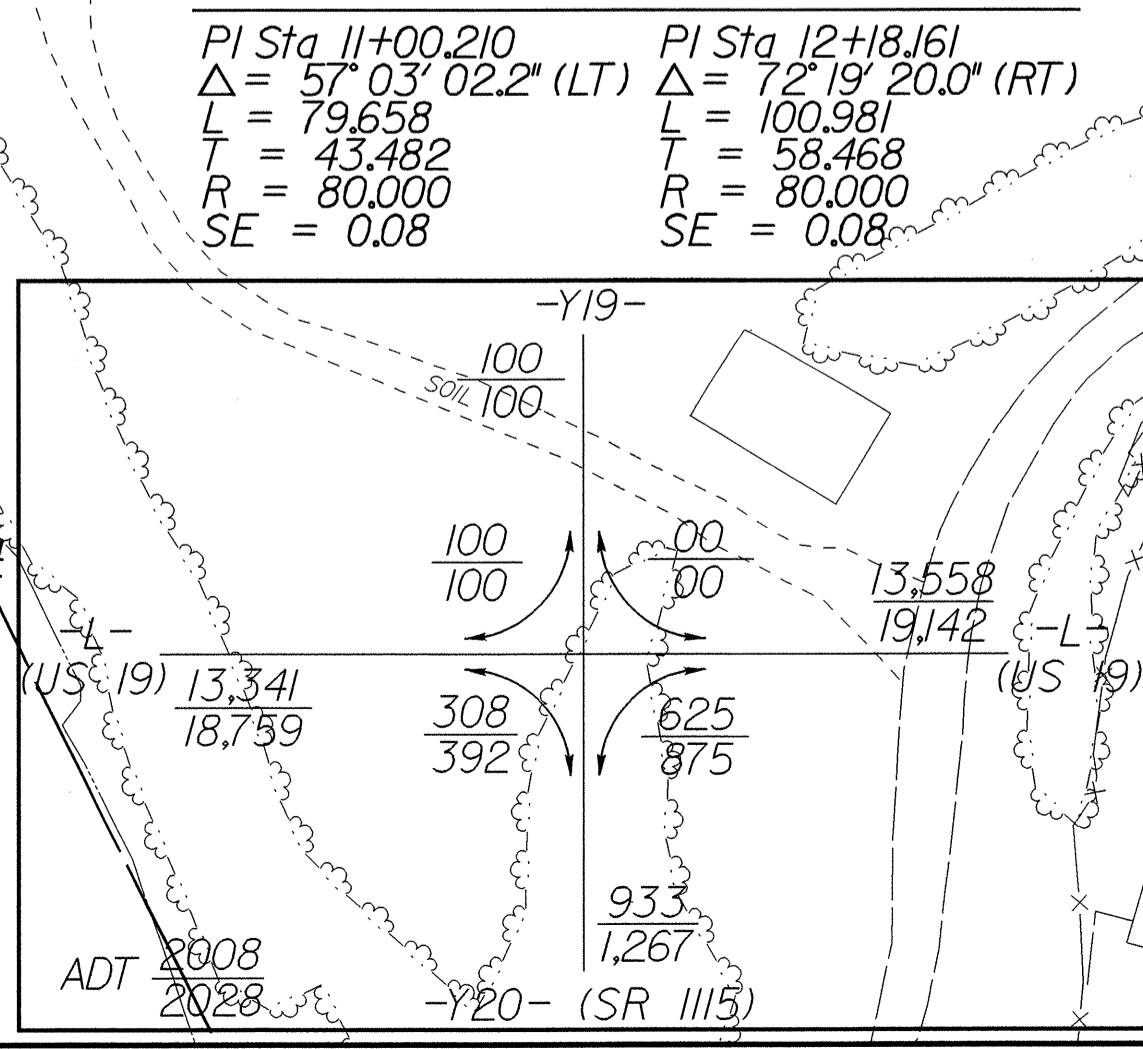
NOTE:
 ALL PROPOSED UTILITY WORK
 SHOWN ON THIS SHEET WILL
 BE DONE BY OTHERS



MATCHLINE -L- STA. 221+60.000 - SEE SHEET UO-28

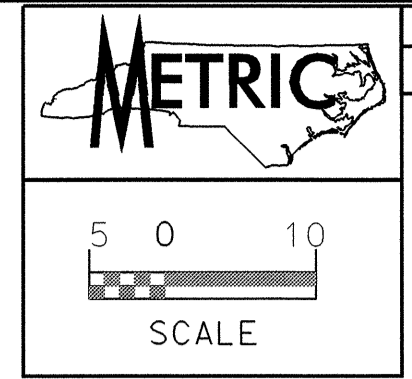
MATCHLINE -L- STA. 225+20.000 - SEE SHEET UO-30

SEE ON-SITE STREAM MITIGATION PLANS OSM-1 THRU OSM-12



★ PROPOSED TRAFFIC SIGNAL

05-MAR-2008 14:19 C:\p1\2518b\ut_24_uc29_psh.dgn



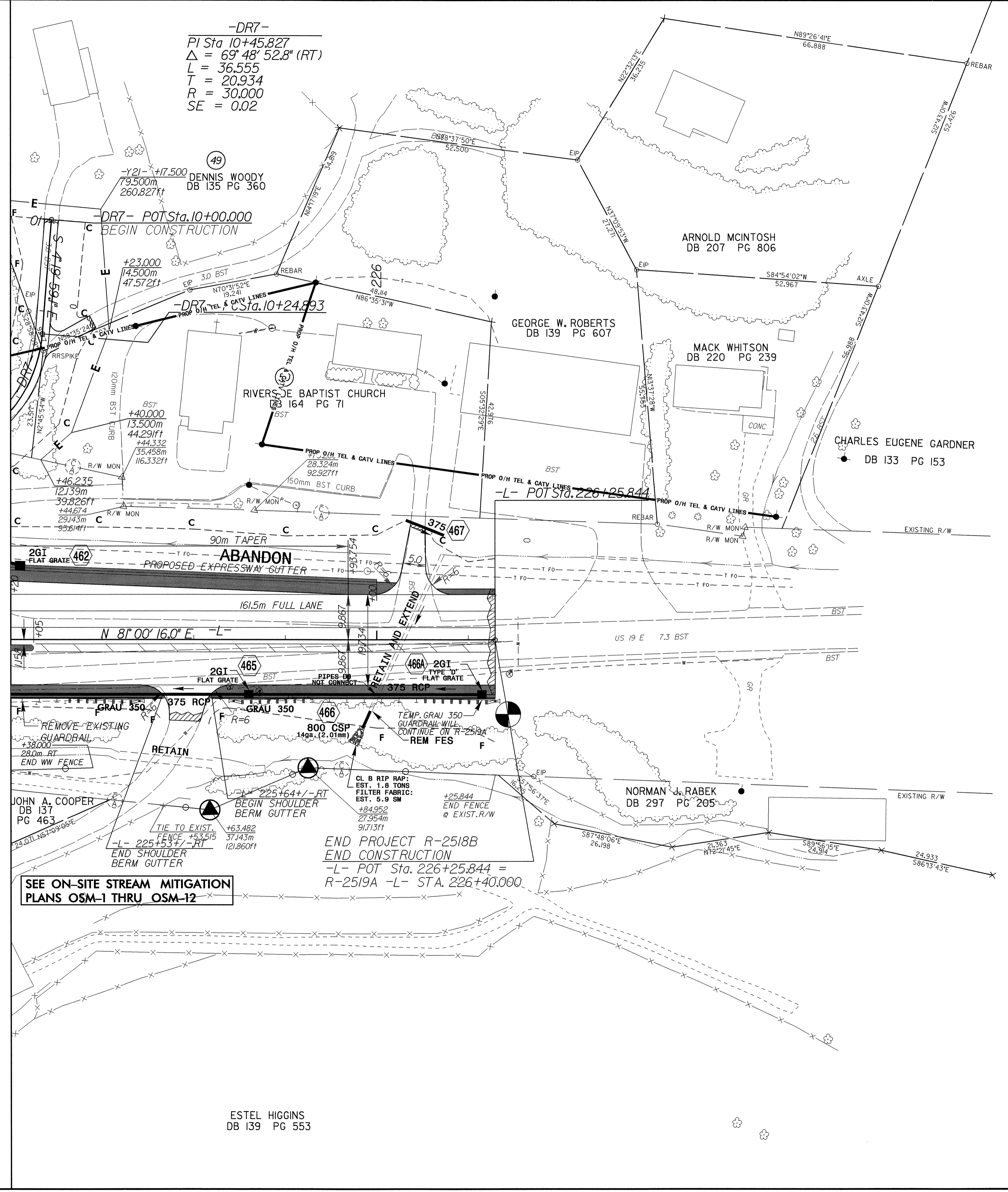
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS



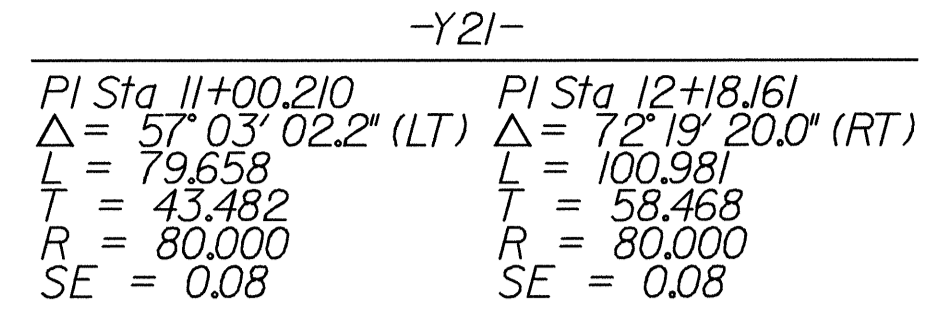
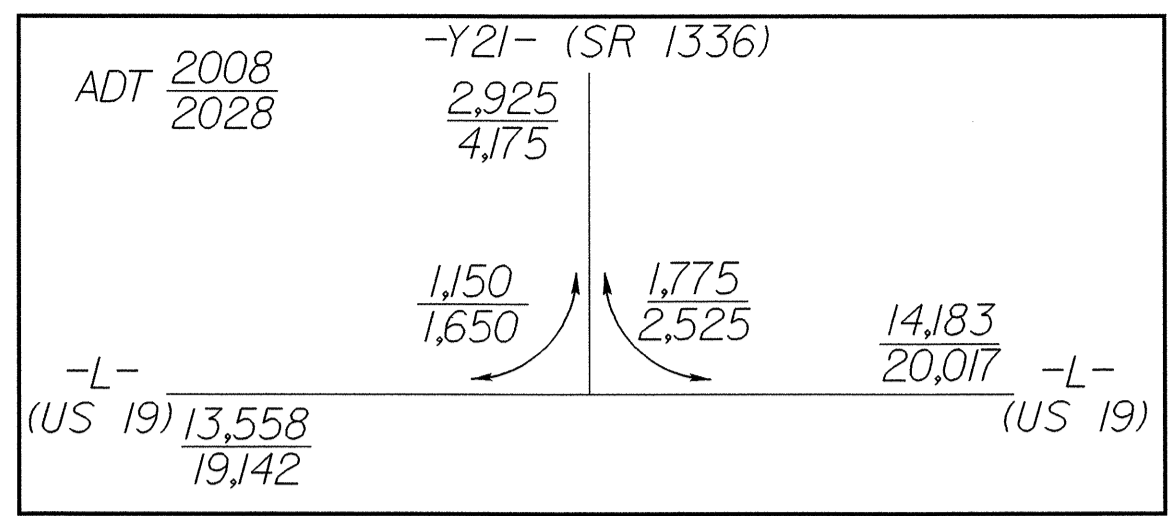
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MATCHLINE -L- STA. 225+20.000 - SEE SHEET UO-29



ESTEL HIGGINS
DB 139 PG 553

8/17/99
05-MAR-2008 14:36
C:\projects\2518b\ut_36\ut_36.dgn
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PROJECT REFERENCE NO. R-2518B SHEET NO. U0-31

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

METRIC

5 0 10
SCALE

