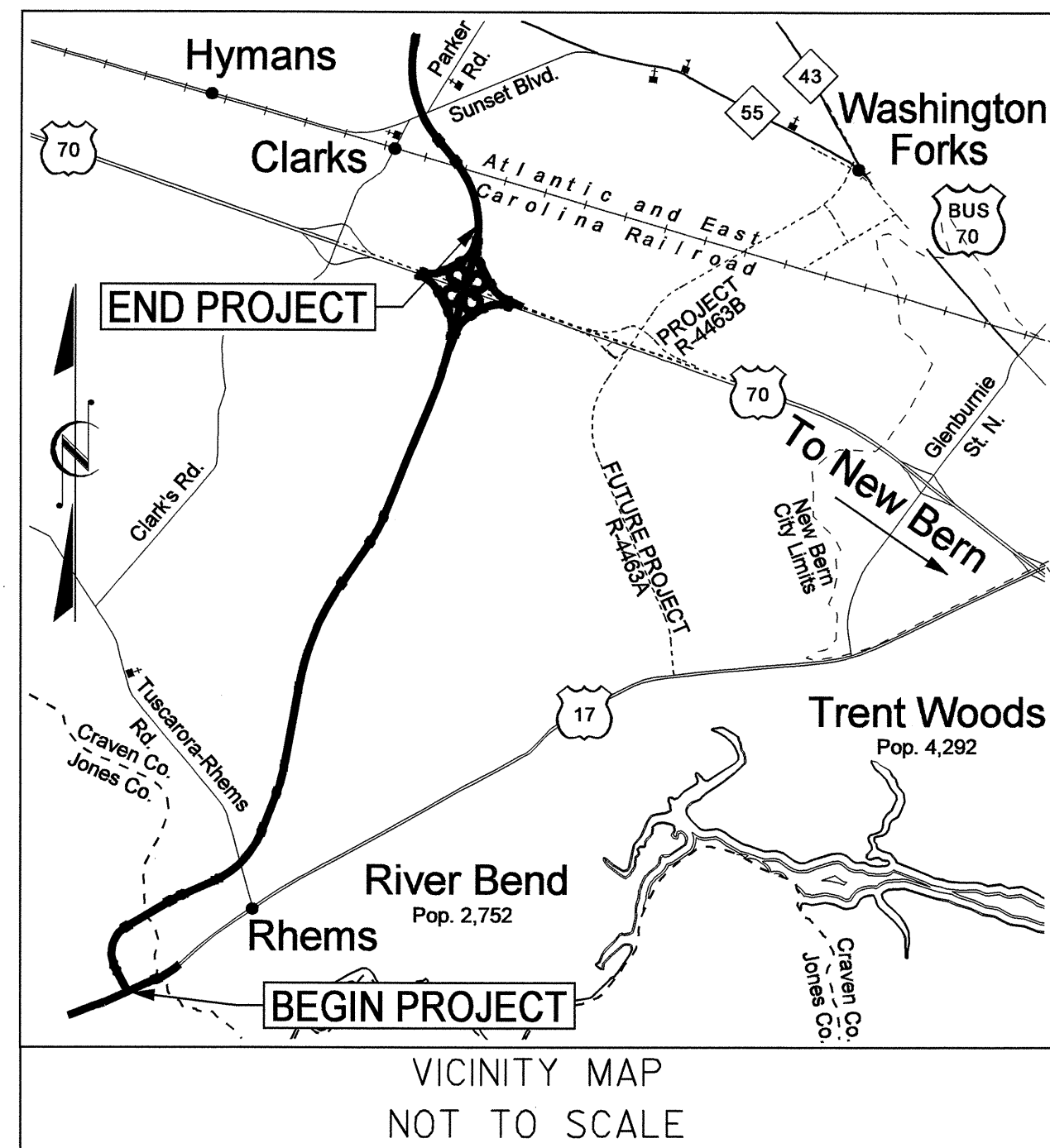


9/20/99



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

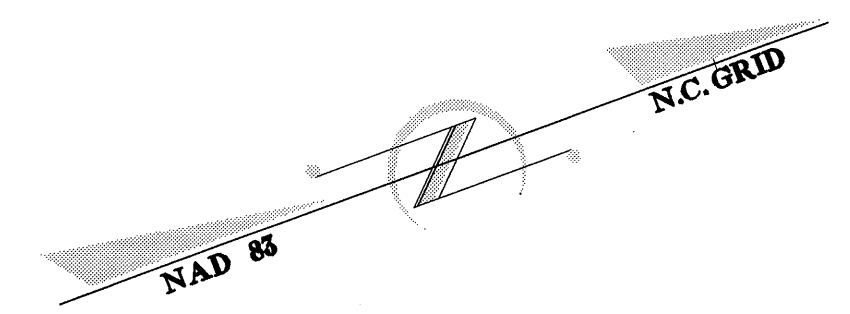
METRIC
ALL DIMENSIONS IN THESE PLANS ARE IN METERS AND/OR MILLIMETERS UNLESS OTHERWISE SHOWN

T.I.P. NO.	SHEET NO.
R-2301A	UC-1

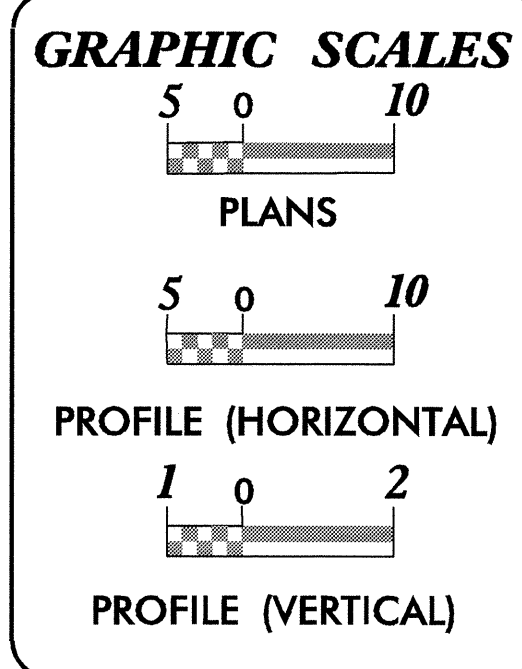
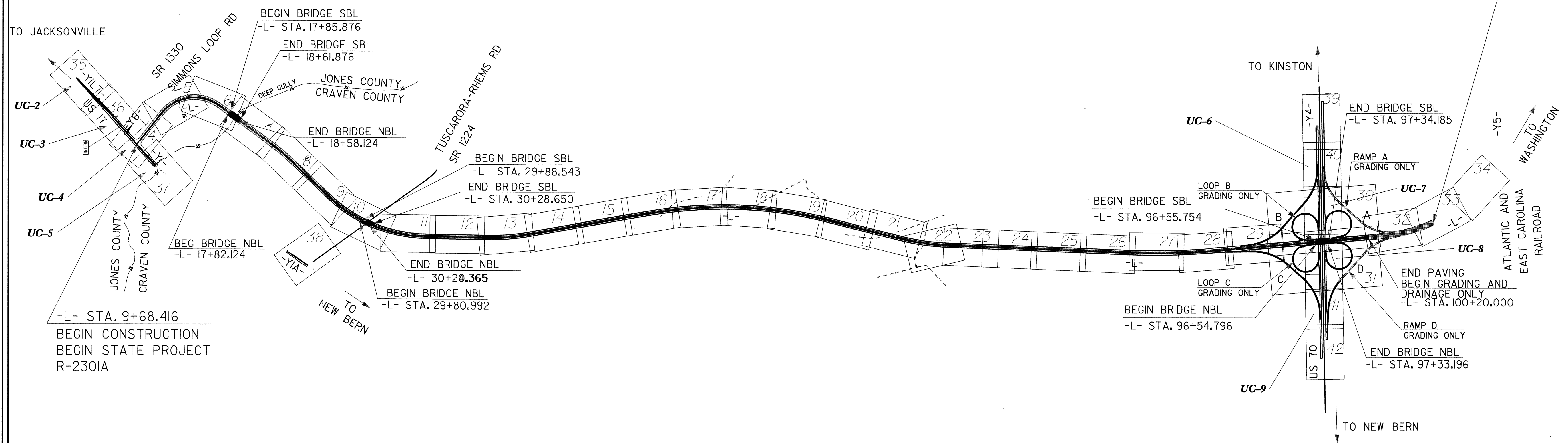
**UTILITY CONSTRUCTION PLANS
JONES AND CRAVEN COUNTIES**

**LOCATION: US 17 NEW BERN BYPASS
FROM US 17 SOUTH OF NEW BERN TO US 70**

TYPE OF WORK: WATER



PROJECT: R-2301A

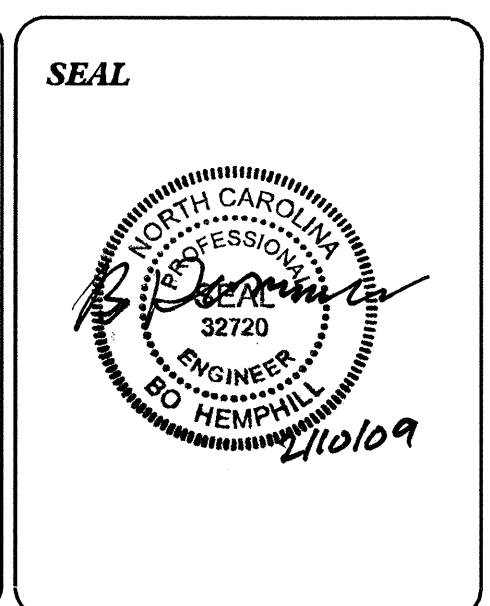


INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-2 THRU UC-9	UTILITY CONSTRUCTION PLAN SHEETS
UC-10	DETAILS SHEET

WATER AND SEWER OWNERS ON PROJECT

(1) WATER - JONES COUNTY WATER DEPT.
(2) WATER - CRAVEN COUNTY WATER DEPT.

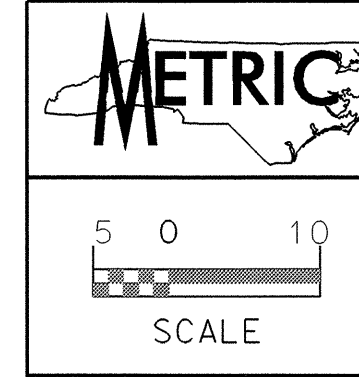


PREPARED IN THE OFFICE OF:
**DIVISION OF HIGHWAYS
PROJECT SERVICES
UTILITIES SECTION**

1591 MAIL SERVICES CENTER
RALEIGH NC 27699-1591
PHONE (919) 250-4128
FAX (919) 250-4119

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

10-FEB-2009 11:04
C:\utilities\proj\full project\2301a.ut_title_ucl_psh.dgn



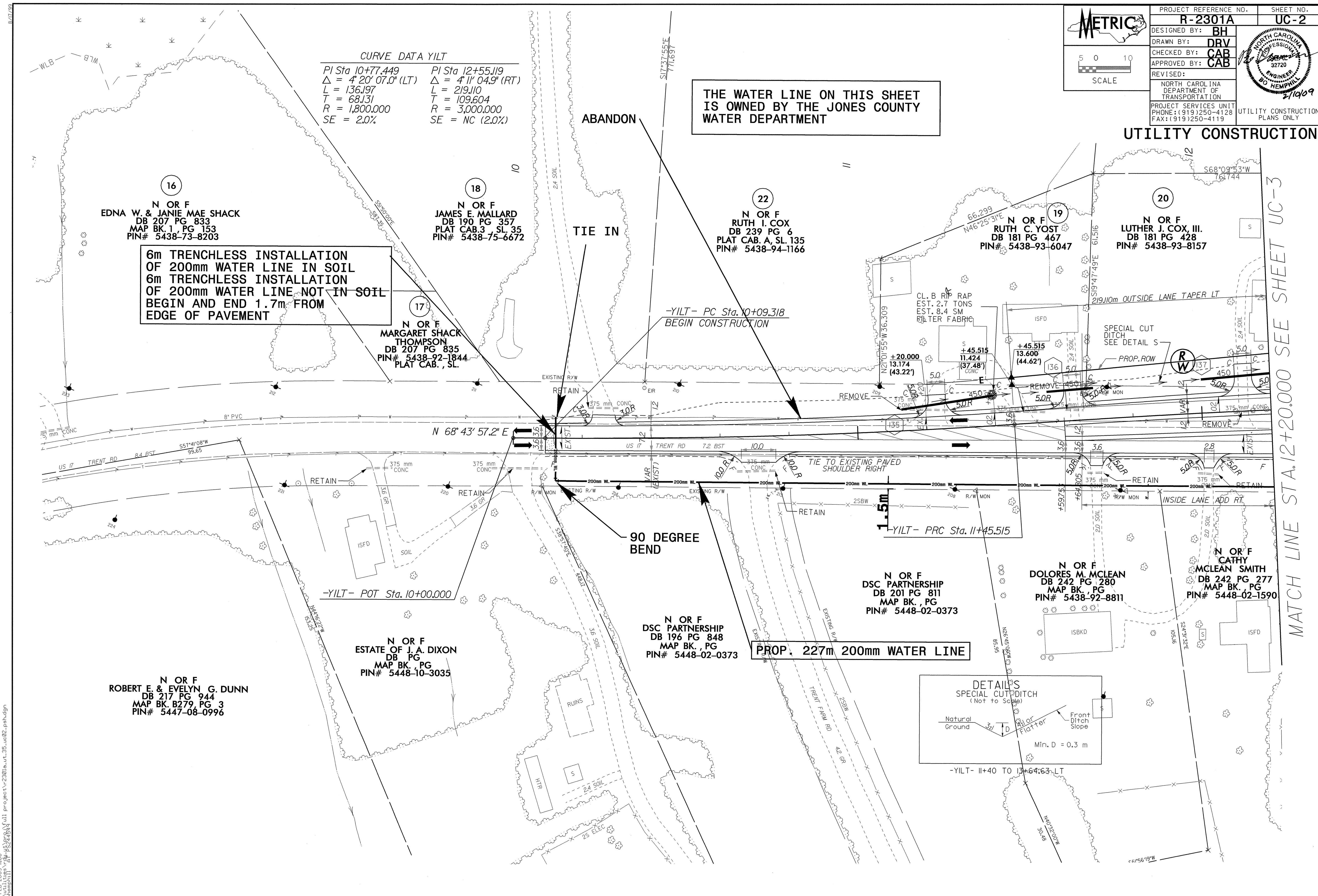
PROJECT REFERENCE NO.	R-2301A	SHEET NO.	UC-2
DESIGNED BY:	BH		
DRAWN BY:	DRV		
CHECKED BY:	CAB		
APPROVED BY:	CAB		
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION			
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119			
UTILITY CONSTRUCTION PLANS ONLY			

CURVE DATA YILT

PI Sta 10+77.449	PI Sta 12+55.119
$\Delta = 4^\circ 20' 07.0''$ (LT)	$\Delta = 4^\circ 11' 04.9''$ (RT)
L = 136.197	L = 219.110
T = 68.131	T = 109.604
R = 1,800.000	R = 3,000.000
SE = 2.0%	SE = NC (2.0%)

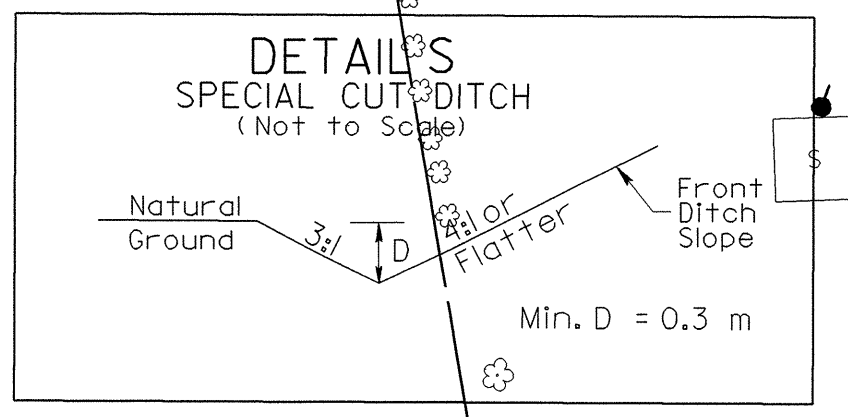
THE WATER LINE ON THIS SHEET IS OWNED BY THE JONES COUNTY WATER DEPARTMENT

UTILITY CONSTRUCTION



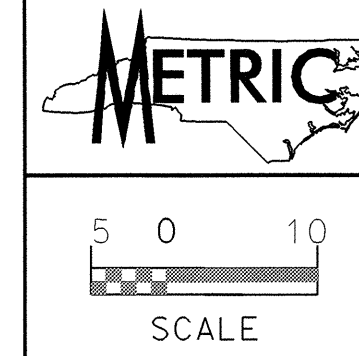
**6m TRENCHLESS INSTALLATION OF 200mm WATER LINE IN SOIL
6m TRENCHLESS INSTALLATION OF 200mm WATER LINE, NOT IN SOIL
BEGIN AND END 1.7m FROM EDGE OF PAVEMENT**

PROP. 227m 200mm WATER LINE



MATCH LINE STA. 12+20.00 SEE SHEET UC-3

10-FEB-2009 11:06 E:\projects\2301a\11 project\2301a_ut_35.dwg



PROJECT REFERENCE NO.	R-2301A	SHEET NO.	UC-3
DESIGNED BY:	BH		
DRAWN BY:	DRV		
CHECKED BY:	CAB		
APPROVED BY:	CAB		
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION			UTILITY CONSTRUCTION PLANS ONLY

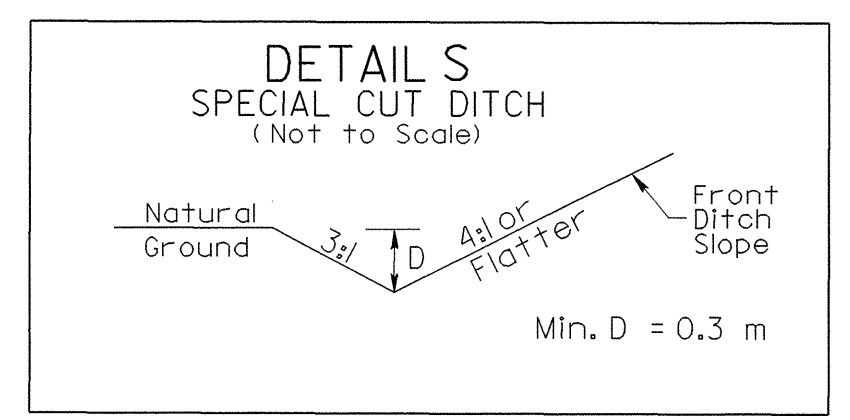
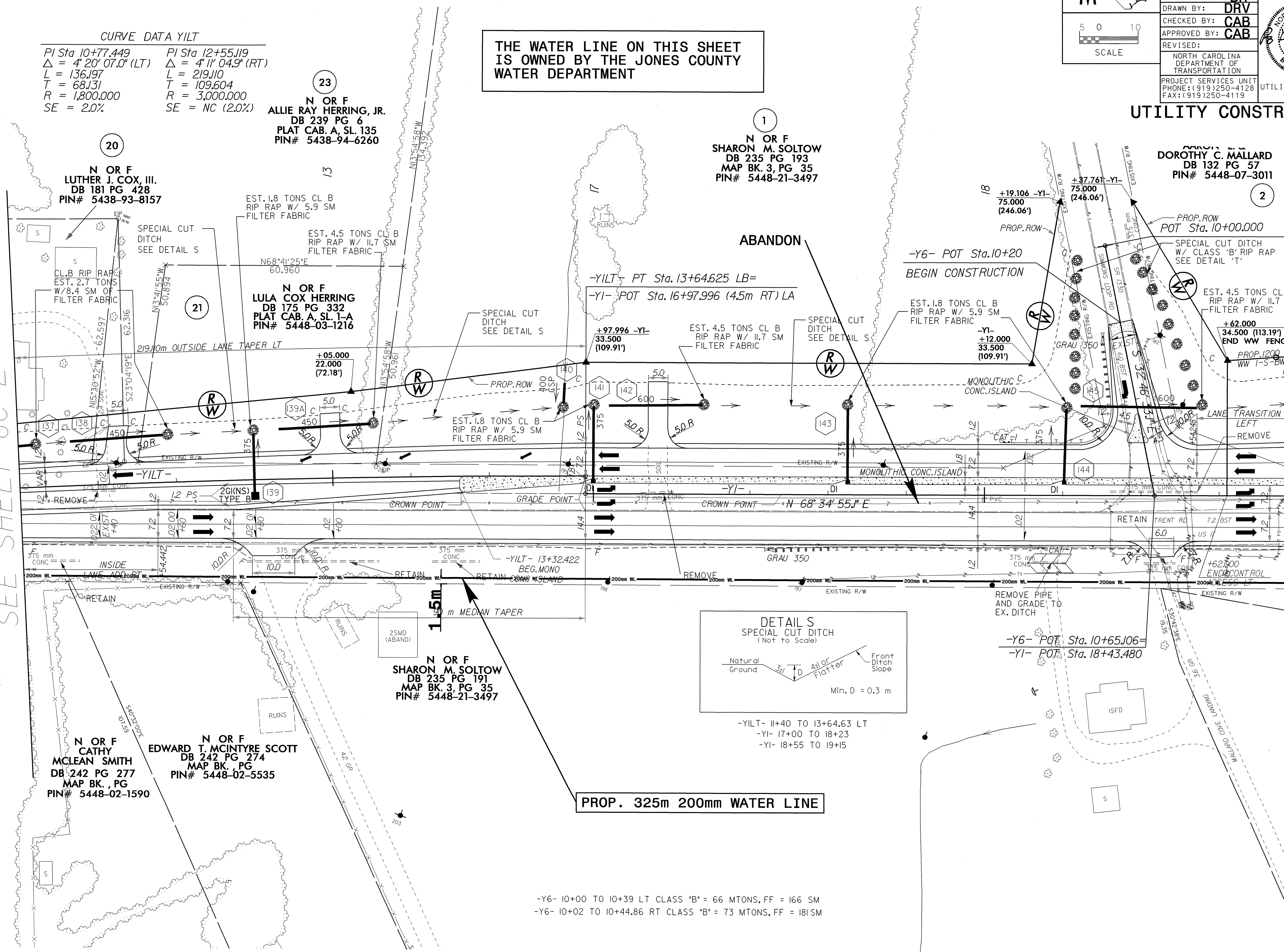
THE WATER LINE ON THIS SHEET IS OWNED BY THE JONES COUNTY WATER DEPARTMENT

CURVE DATA YILT

PI Sta 10+77.449	PI Sta 12+55.119
$\Delta = 4' 20'' 07.0''$ (LT)	$\Delta = 4' 11'' 04.9''$ (RT)
L = 136.197	L = 219.110
T = 68.131	T = 109.604
R = 1,800.000	R = 3,000.000
SE = 2.0%	SE = NC (2.0%)

MATCH LINE STA. 12+20.000
SEE SHEET UC-2


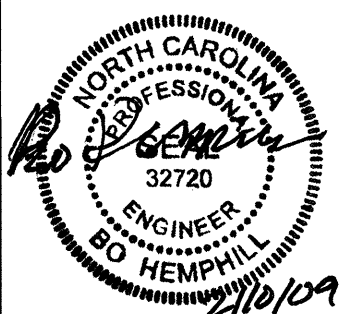
MATCH LINE STA. 18+80.000
SEE SHEET UC-4



PROP. 325m 200mm WATER LINE

-Y6- 10+00 TO 10+39 LT CLASS "B" = 66 MTONS, FF = 166 SM
 -Y6- 10+02 TO 10+44.86 RT CLASS "B" = 73 MTONS, FF = 181 SM

10-FEB-2009 10:07
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 8/17/09

 SCALE 5 0 10	PROJECT REFERENCE NO. R-2301A	SHEET NO. UC-4
	DESIGNED BY: BH	
DRAWN BY: DRV		
CHECKED BY: CAB		
APPROVED BY: CAB		
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY		

THE WATER LINE ON THIS SHEET IS OWNED BY THE JONES COUNTY WATER DEPARTMENT

PROP. 156m 200mm WATER LINE

N OR F
 ROBERT A. & GLENDA M. WIGGINS
 DB 235 PG 191
 MAP BK. 3, PG. 35
 PIN# 5448-22-7276

N OR F
 AARON L. & DOROTHY C. MALLARD
 DB 132 PG 57
 PIN# 5448-07-3011

N OR F
 AARON L. & DOROTHY C. MALLARD
 DB 132 PG 57
 PIN# 5448-07-3011

N OR F
 AARON L. & DOROTHY C. MALLARD
 DB 132 PG 57
 PIN# 5448-07-3011

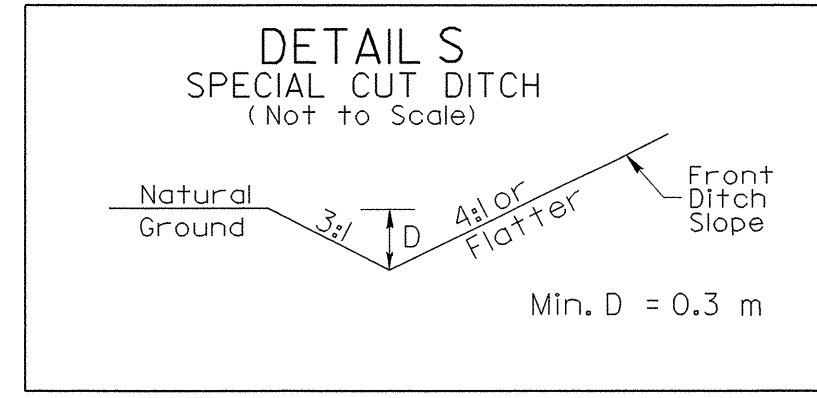
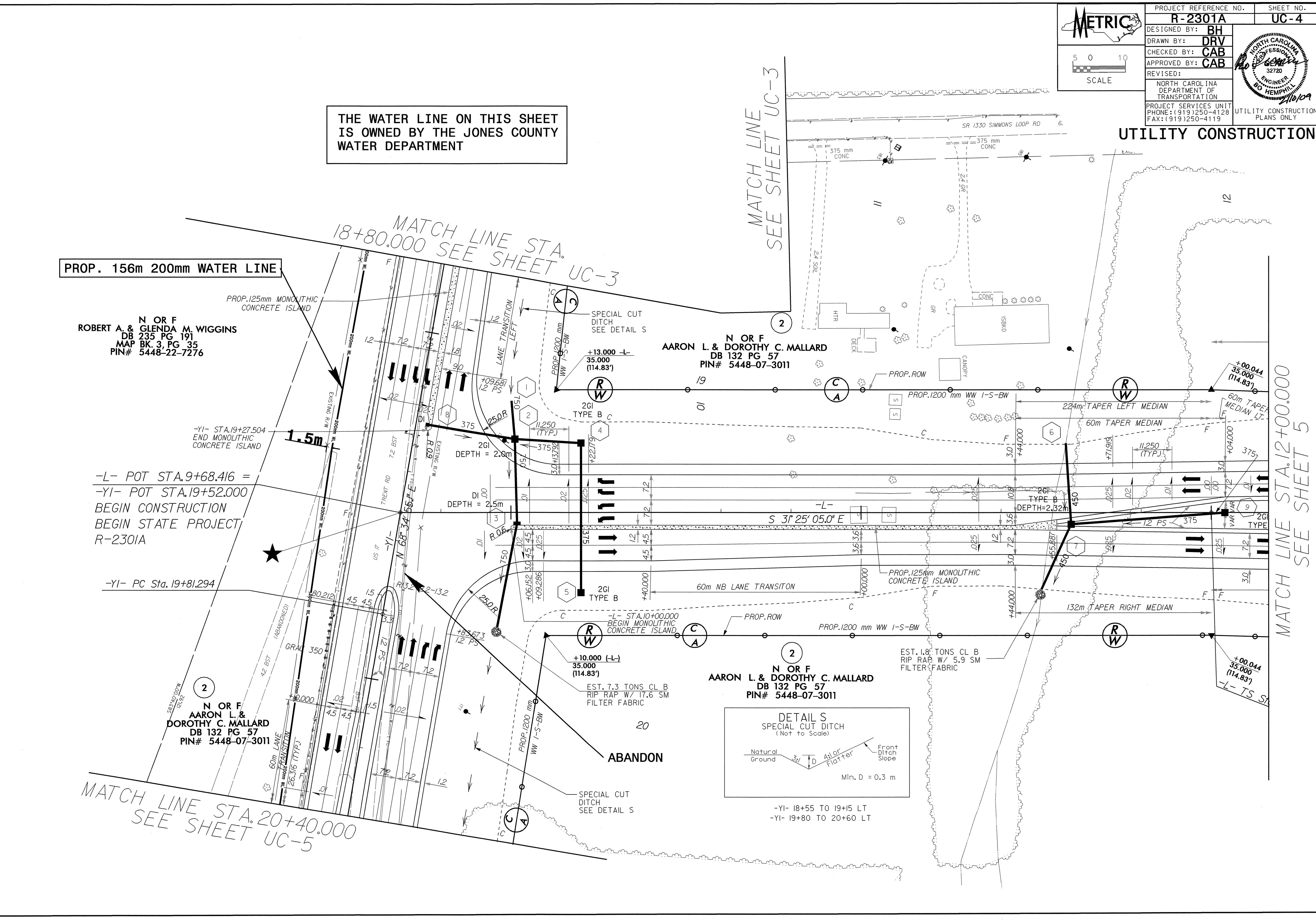
MATCH LINE STA. 20+40.000
 SEE SHEET UC-5

MATCH LINE STA. 18+80.000
 SEE SHEET UC-3

MATCH LINE
 SEE SHEET UC-3

MATCH LINE STA. 12+00.000
 SEE SHEET 5

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 8/07/09



-YI- 18+55 TO 19+15 LT
 -YI- 19+80 TO 20+60 LT

METRIC

PROJECT REFERENCE NO. **R-2301A** SHEET NO. **UC-5**

DESIGNED BY: **BH**

DRAWN BY: **DRV**

CHECKED BY: **CAB**

APPROVED BY: **CAB**

REVISED:

NORTH CAROLINA PROFESSIONAL ENGINEER
BO # 32720
1/10/09

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

PROJECT SERVICES UNIT
PHONE: (919) 250-4128
FAX: (919) 250-4119

UTILITY CONSTRUCTION PLANS ONLY

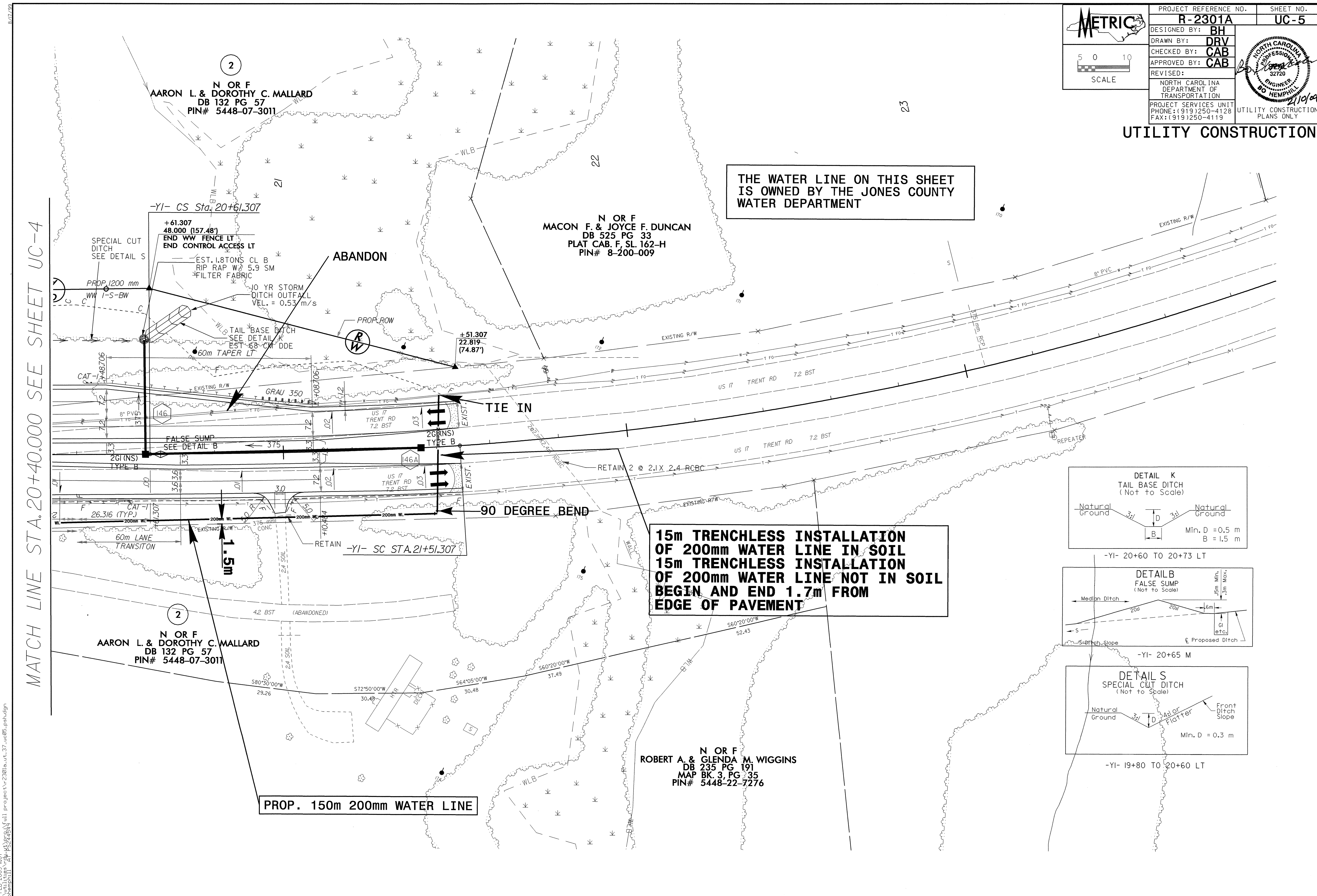
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UTILITY CONSTRUCTION

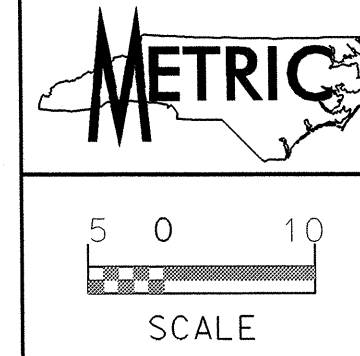
THE WATER LINE ON THIS SHEET IS OWNED BY THE JONES COUNTY WATER DEPARTMENT

15m TRENCHLESS INSTALLATION OF 200mm WATER LINE IN SOIL
15m TRENCHLESS INSTALLATION OF 200mm WATER LINE NOT IN SOIL BEGIN AND END 1.7m FROM EDGE OF PAVEMENT

PROP. 150m 200mm WATER LINE



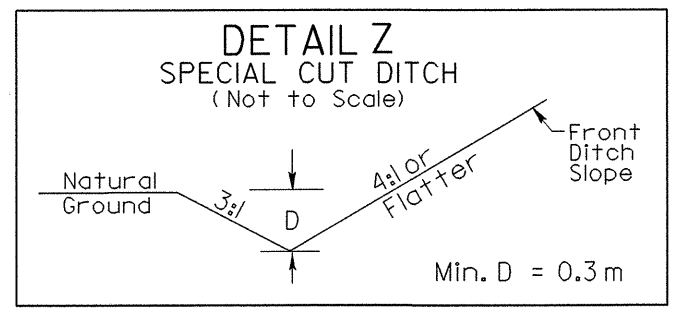
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PROJECT REFERENCE NO.	R-2301A	SHEET NO.	UC-6
DESIGNED BY:	BH		
DRAWN BY:	BH		
CHECKED BY:	CAB		
APPROVED BY:	CAB		
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION			PLANS ONLY

PROP. 89m OF 400mm WATER LINE
 PROP. 44m OF 750mm ENCASEMENT

ENCASEMENT ENDS 1.7 METERS
 BEYOND THE FILL LINE



N OR F
 CRAVEN COUNTY
 DB 1604 PG 1010
 PLAT CAB. C, SL. 26
 PIN# 8-217-1-014

N OR F
 WEYERHAEUSER COMPANY
 DB 603 PG 68
 PIN# 8-209-021

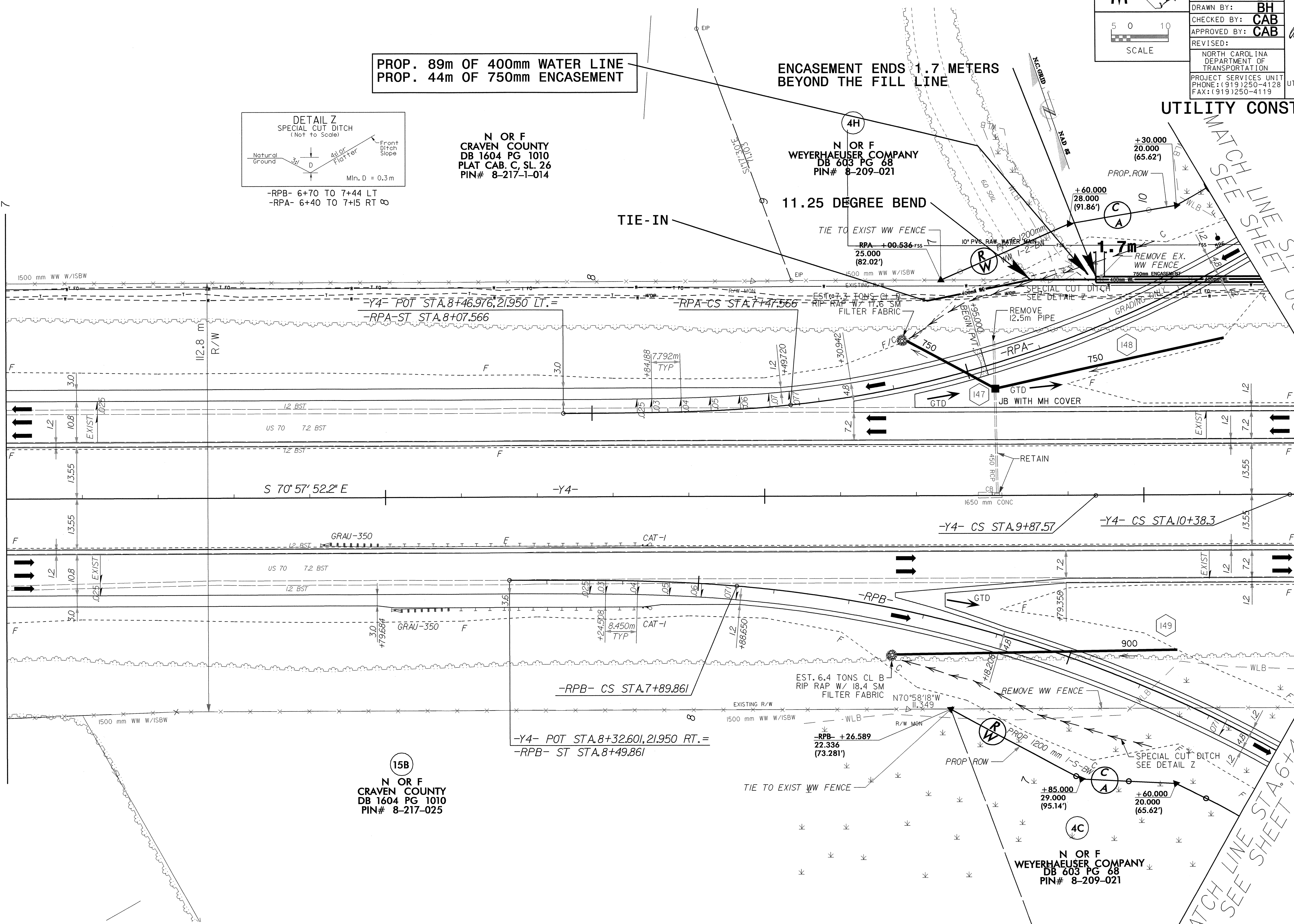
-RPB- 6+70 TO 7+44 LT
 -RPA- 6+40 TO 7+15 RT ∞

11.25 DEGREE BEND

TIE-IN

MATCH LINE STA. 6+80.000 SEE SHEET 40

MATCH LINE SEE SHEET STA. 6+20.000 UC-5
 MATCH LINE STA. 10+40.000 UC-7
 MATCH LINE STA. 6+40.000 UC-7
 MATCH LINE STA. 6+40.000 UC-7



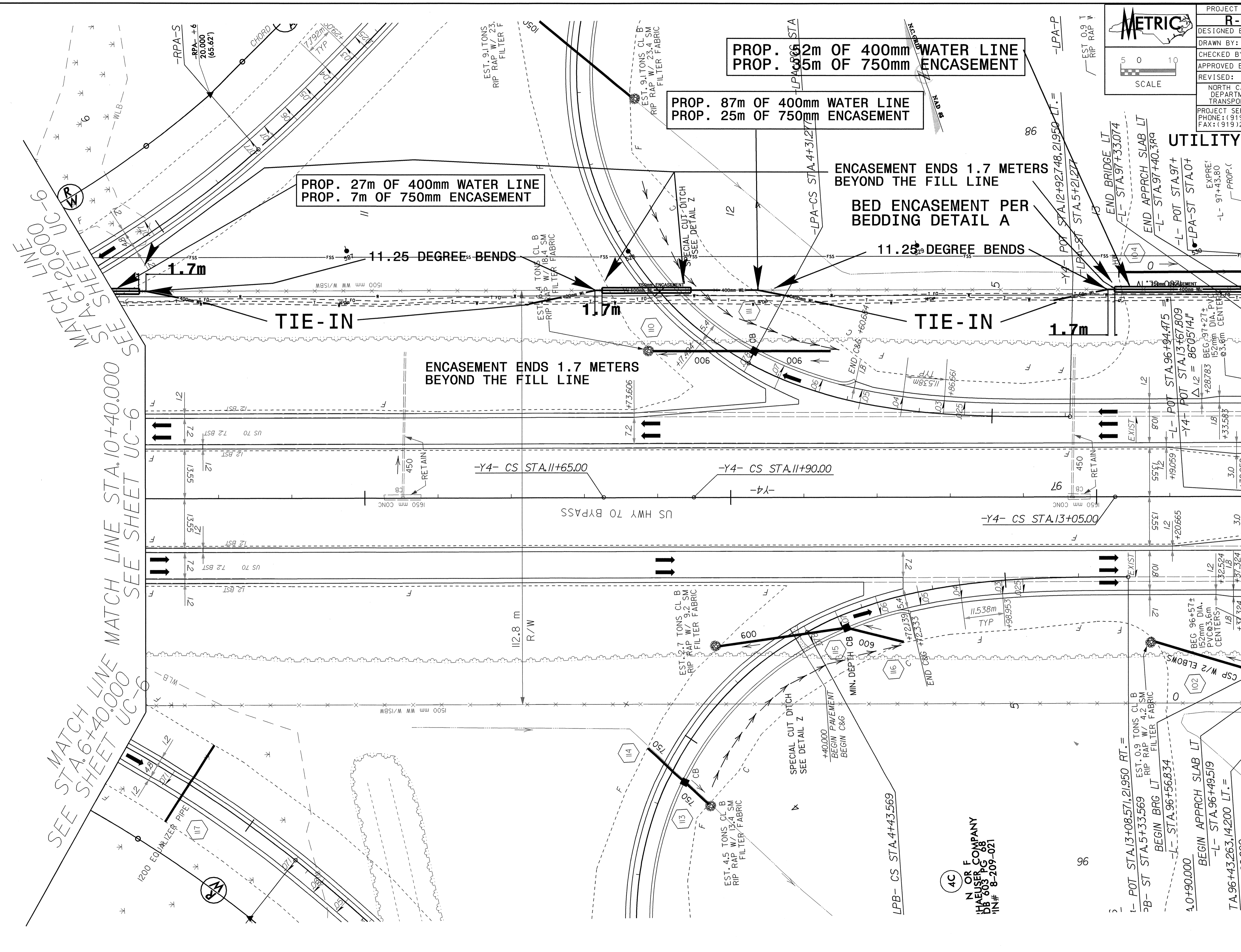
15B
 N OR F
 CRAVEN COUNTY
 DB 1604 PG 1010
 PIN# 8-217-025

N OR F
 WEYERHAEUSER COMPANY
 DB 603 PG 68
 PIN# 8-209-021

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1111-11-2300.dwg

8/17/09



MATCH LINE
SEE STA. 6+20.000
SEE SHEET UC-6

MATCH LINE
SEE STA. 10+40.000
SEE SHEET UC-6

MATCH LINE
SEE STA. 6+40.000
SEE SHEET UC-6

PROP. 12m OF 400mm WATER LINE
PROP. 35m OF 750mm ENCASEMENT

PROP. 87m OF 400mm WATER LINE
PROP. 25m OF 750mm ENCASEMENT

PROP. 27m OF 400mm WATER LINE
PROP. 7m OF 750mm ENCASEMENT

ENCASEMENT ENDS 1.7 METERS
BEYOND THE FILL LINE

BED ENCASEMENT PER
BEDDING DETAIL A

ENCASEMENT ENDS 1.7 METERS
BEYOND THE FILL LINE

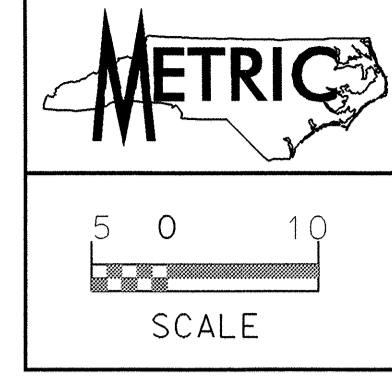
11.25 DEGREE BENDS

TIE-IN

1.7m

AC

N OR F
HAELUSER COMPANY
1111 PG 88
IN# 8-209-021

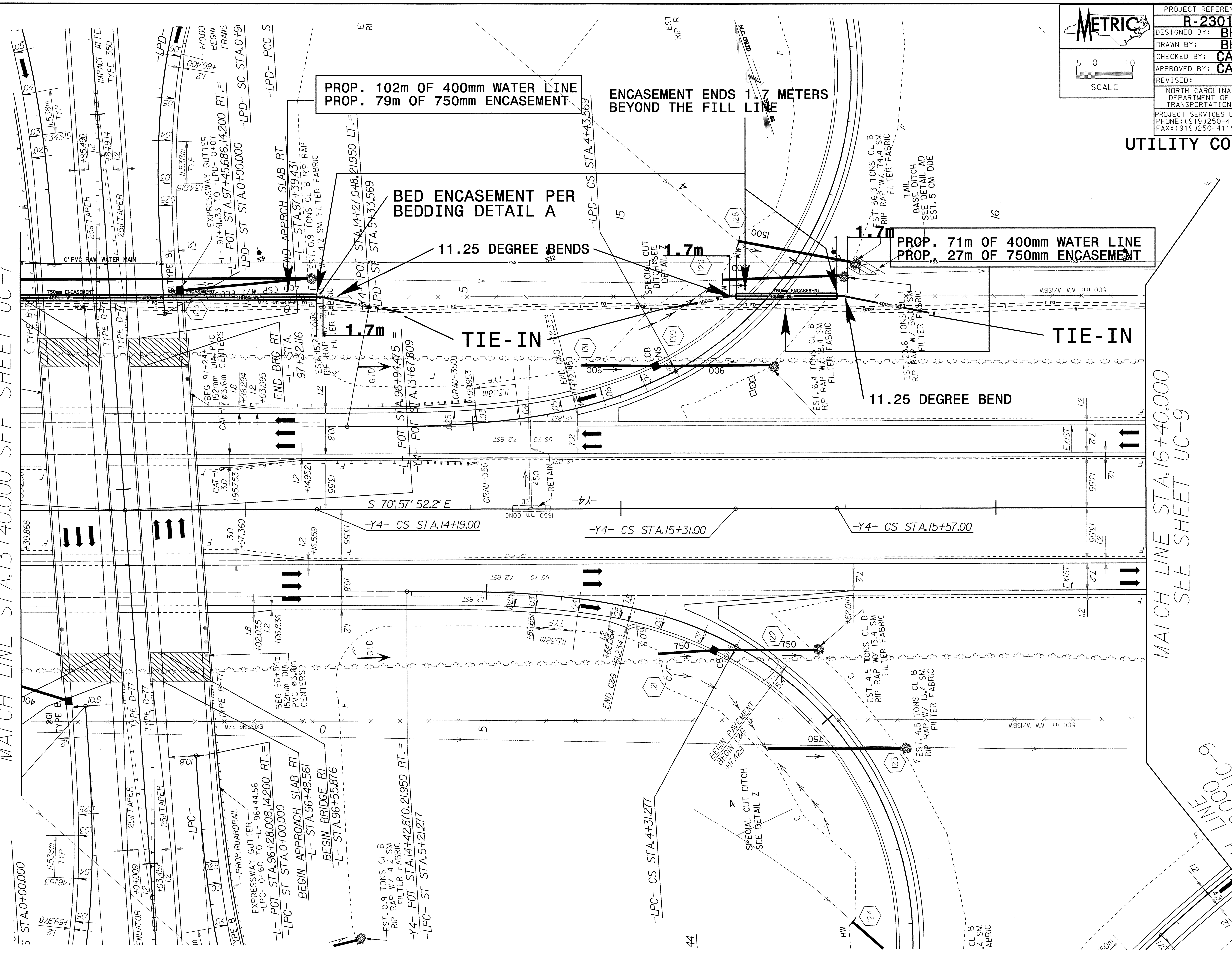


PROJECT REFERENCE NO.	R-2301A	SHEET NO.	UC-7
DESIGNED BY:	BH		
DRAWN BY:	BH		
CHECKED BY:	CAB		
APPROVED BY:	CAB		
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 350-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY			

MATCH LINE STA. 13+40.000 SEE SHEET UC-8

1-L POT STA. 13+08.571, 21.950 RT. =
2-B ST STA. 5+33.569
EST. 0.9 TONS CL B
RIP RAP W/ 4.2 SM
FILTER FABRIC
BEGIN BRG LT
-L- STA. 96+56.834
1-A0+90.000
BEGIN APPRCH SLAB LT
-L- STA. 96+49.519
TA. 96+43.263, 14+200 LT. =
STA 0+00.000

MATCH LINE STA.13+40.000 SEE SHEET UC-7



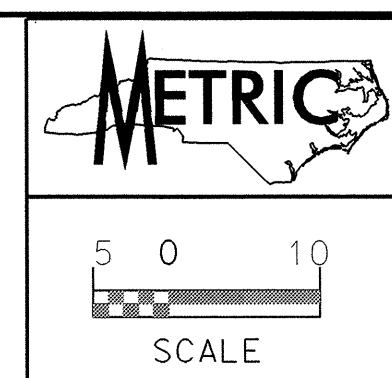
PROP. 102m OF 400mm WATER LINE
PROP. 79m OF 750mm ENCASEMENT

ENCASEMENT ENDS 1.7 METERS
BEYOND THE FILL LINE

BED ENCASEMENT PER
BEDDING DETAIL A

PROP. 71m OF 400mm WATER LINE
PROP. 27m OF 750mm ENCASEMENT


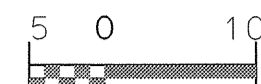
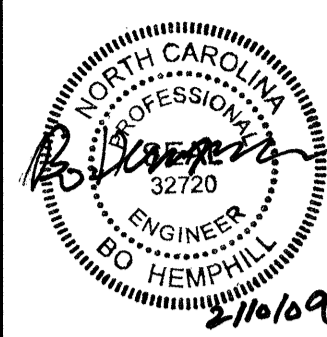
UTILITY CONSTRUCTION



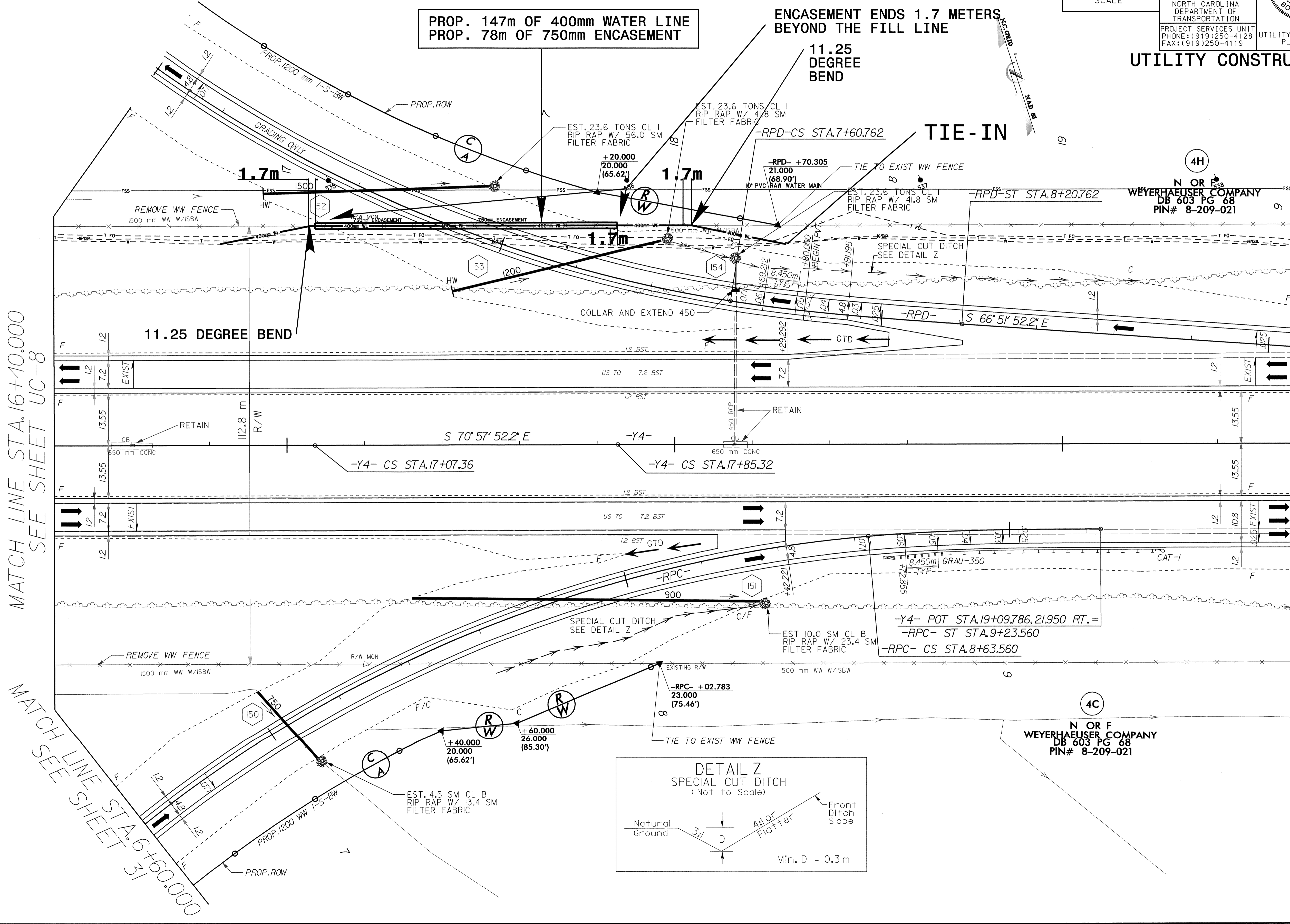
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DESIGNED BY:	BH			
DRAWN BY:	BH			
CHECKED BY:	CAB			
APPROVED BY:	CAB			
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119		
				UTILITY CONSTRUCTION PLANS ONLY

MATCH LINE STA.16+40.000
SEE SHEET UC-9

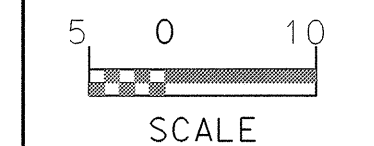
MATCH LINE
STA.16+40.000
SEE SHEET UC-9

 SCALE 	PROJECT REFERENCE NO. R-2301A	SHEET NO. UC-9
	DESIGNED BY: BH	DRAWN BY: BH
CHECKED BY: CAB	APPROVED BY: CAB	
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919)250-4128 FAX: (919)250-4119	
		UTILITY CONSTRUCTION PLANS ONLY

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 8/17/09

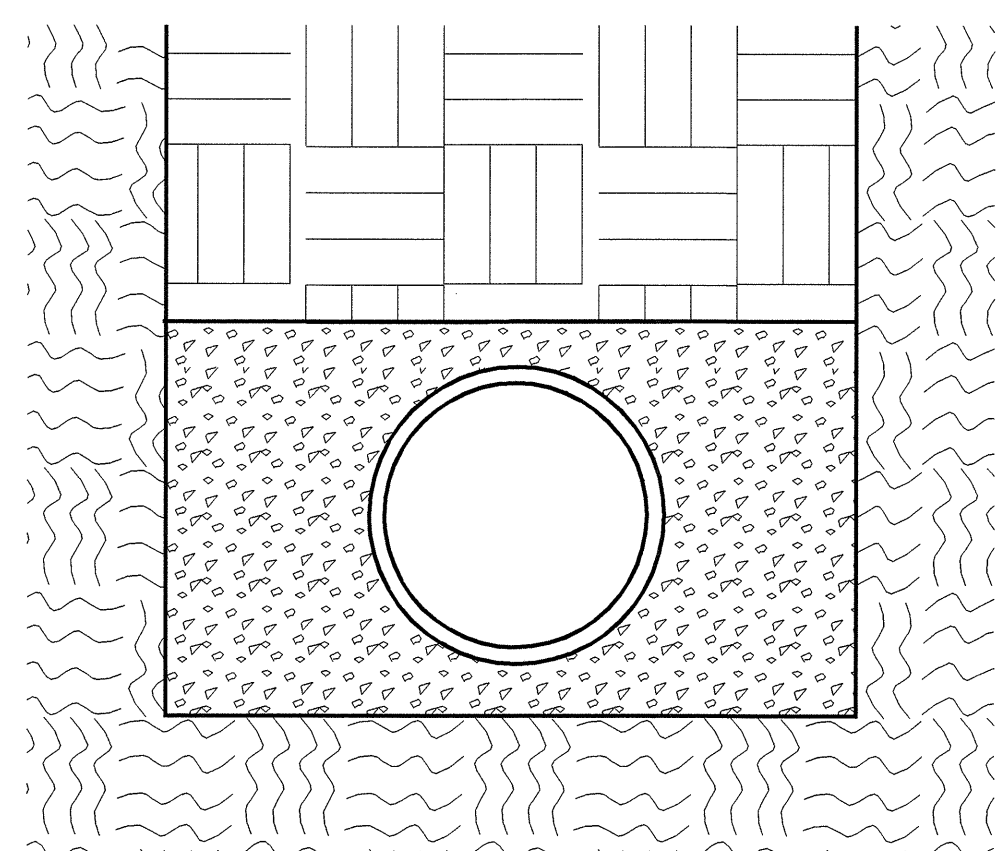


N OR F
WEYERHAEUSER COMPANY
 DB 603 PG 68
 PIN# 8-209-021



PROJECT REFERENCE NO.	R-2301A	SHEET NO.	UC-10
DESIGNED BY:	BH		
DRAWN BY:	DRV		
CHECKED BY:	CAB		
APPROVED BY:	CAB		
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
		UTILITY CONSTRUCTION PLANS ONLY	

BEDDING DETAIL A



PIPE BEDDED IN LOOSE 150mm LAYERS OF CLASS VI SELECT MATERIAL COMPACTED TO 300mm ABOVE TOP OF PIPE, 300mm MINIMUM UNDER PIPE. TRENCH BACKFILLED IN LOOSE 150mm LAYERS COMPACTED TO TOP OF TRENCH USING LOCAL EXCAVATED MATERIAL, IF APPROVED BY THE ENGINEER, OR SELECT MATERIAL. ALL BACKFILL MATERIAL SHALL BE FREE OF ROCKS, FOREIGN MATERIAL, AND FROZEN EARTH. COMPACTION SHALL BE TO APPROX. 95% DENSITY IN ACCORDANCE WITH AASHTO T-99 AS MODIFIED BY THE DEPARTMENT OF TRANSPORTATION.

MAXIMUM TRENCH WIDTH AT TOP OF PIPE

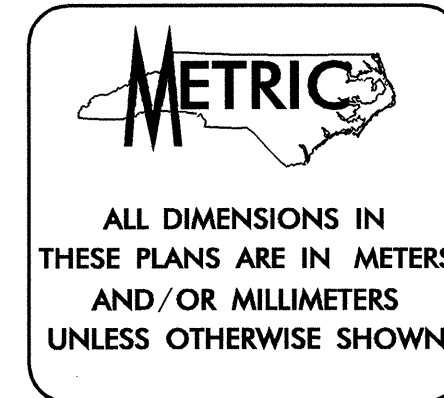
NOMINAL PIPE SIZE (mm)	TRENCH WIDTH (meters)	NOMINAL PIPE SIZE (mm)	TRENCH WIDTH (meters)
100	0.72	500	1.12
150	0.76	610	1.22
200	0.81	750	1.37
250	0.86	900	1.57
300	0.91	1050	1.68
350	0.97	1200	1.83
400	1.02	1400	1.98
450	1.07		

9/09/99

10-FEB-2009 14:22
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PROJECT: R-2301A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

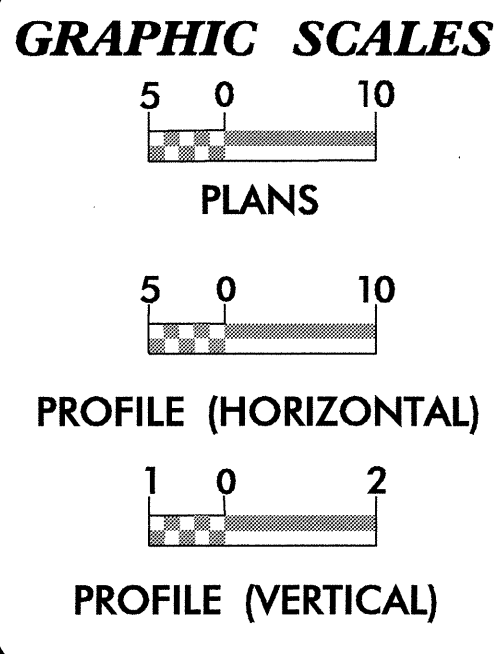
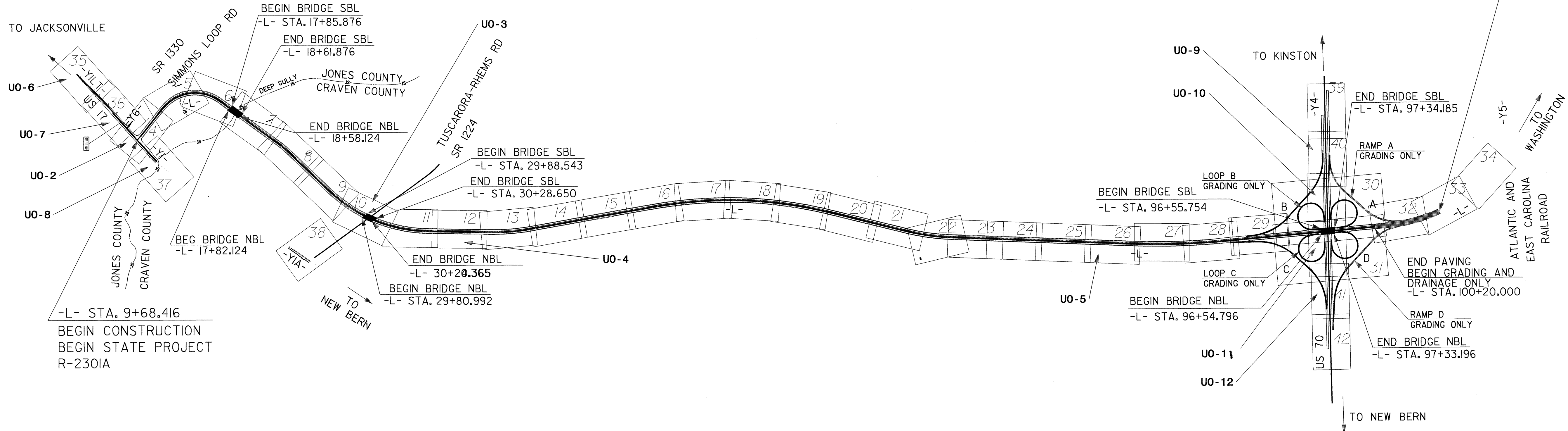
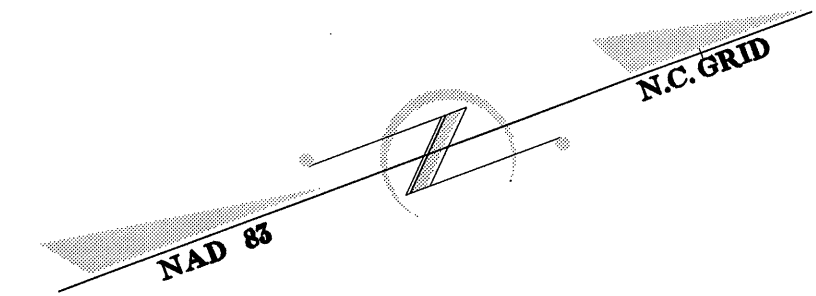
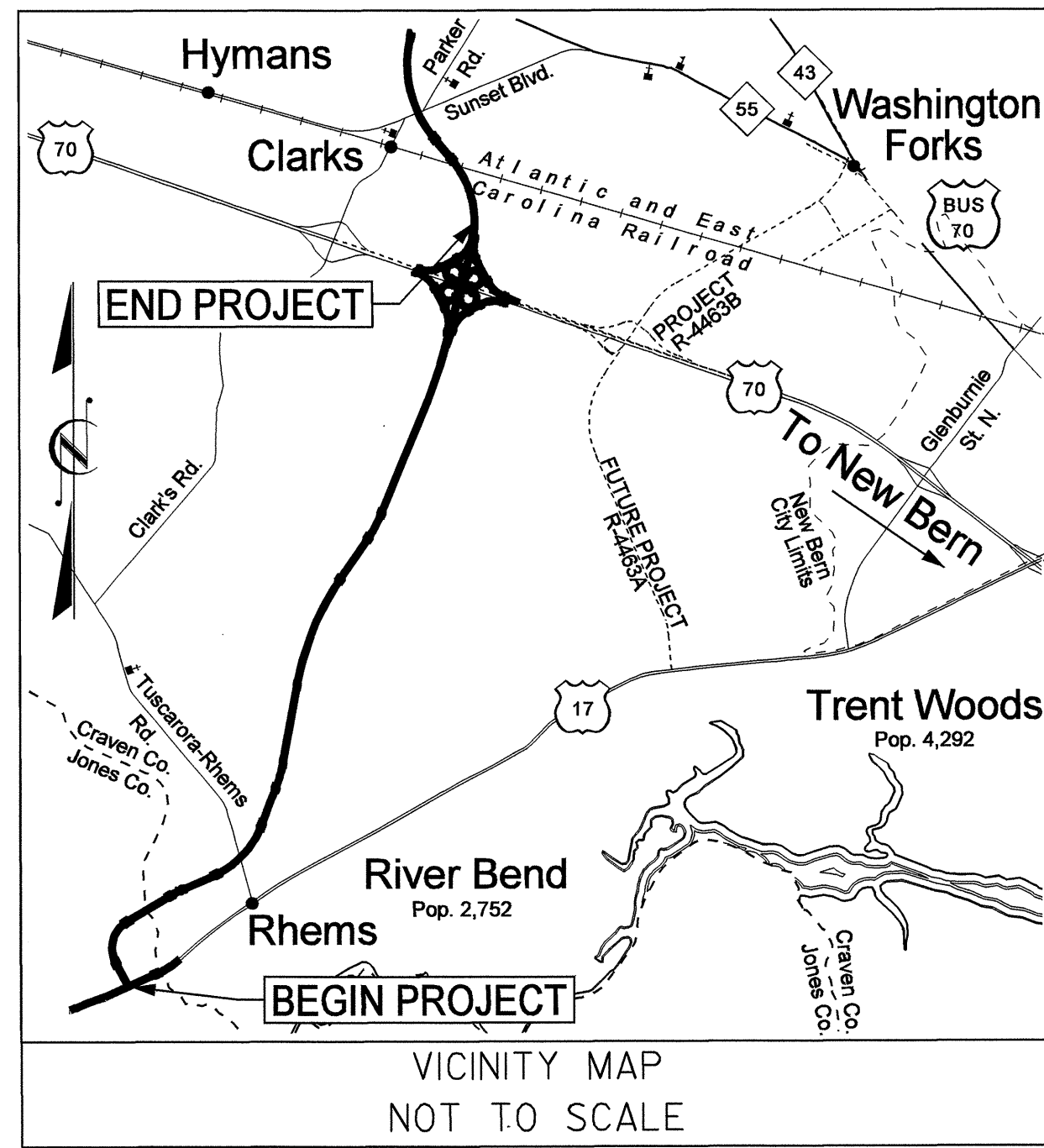


T.I.P. NO.	SHEET NO.
R-2301A	UO-1

UTILITIES BY OTHERS PLANS JONES AND CRAVEN COUNTIES

**LOCATION: US 17 NEW BERN BYPASS
FROM US 17 SOUTH OF NEW BERN TO US 70**

TYPE OF WORK: POWER, COMMUNICATIONS, WATER



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-12	UTILITIES BY OTHERS PLAN SHEETS

UTILITY OWNERS ON PROJECT

POWER

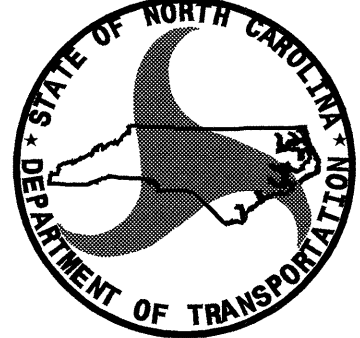
- Progress Energy
- City of New Bern

COMMUNICATIONS

- Embarq - Telephone
- Time Warner Cable - CATV
- Craven County Information Technology Dept. - Fiber Optic Network

WATER

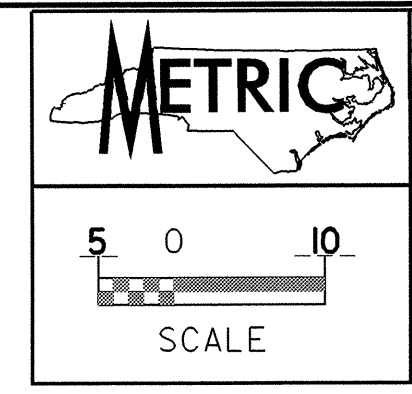
- City of New Bern



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

1591 MAIL SERVICES CENTER
RALEIGH NC 27699-1591
PHONE (919) 250-4128
FAX (919) 250-4119

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



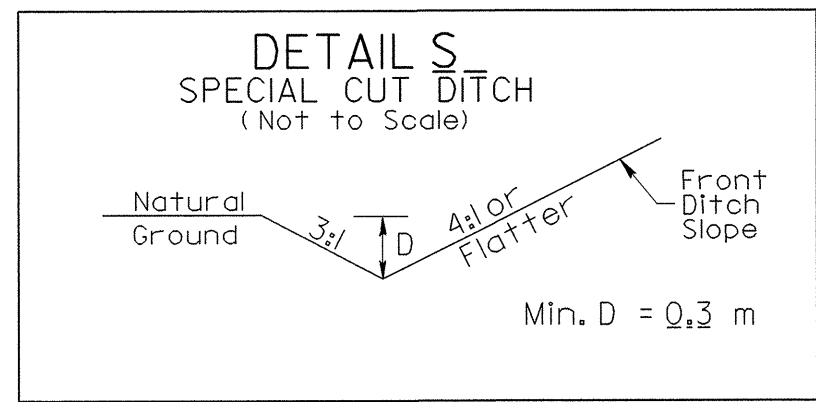
NOTE:
 ALL PROPOSED UTILITY WORK
 SHOWN ON THIS SHEET WILL
 BE DONE BY OTHERS

N OR F
 ROBERT A. & GLENDA M. WIGGINS
 DB 235 PG 191
 MAP BK. 3, PG 35
 PIN# 5448-22-7276

N OR F
 AARON L. & DOROTHY C. MALLARD
 DB 132 PG 57
 PIN# 5448-07-3011

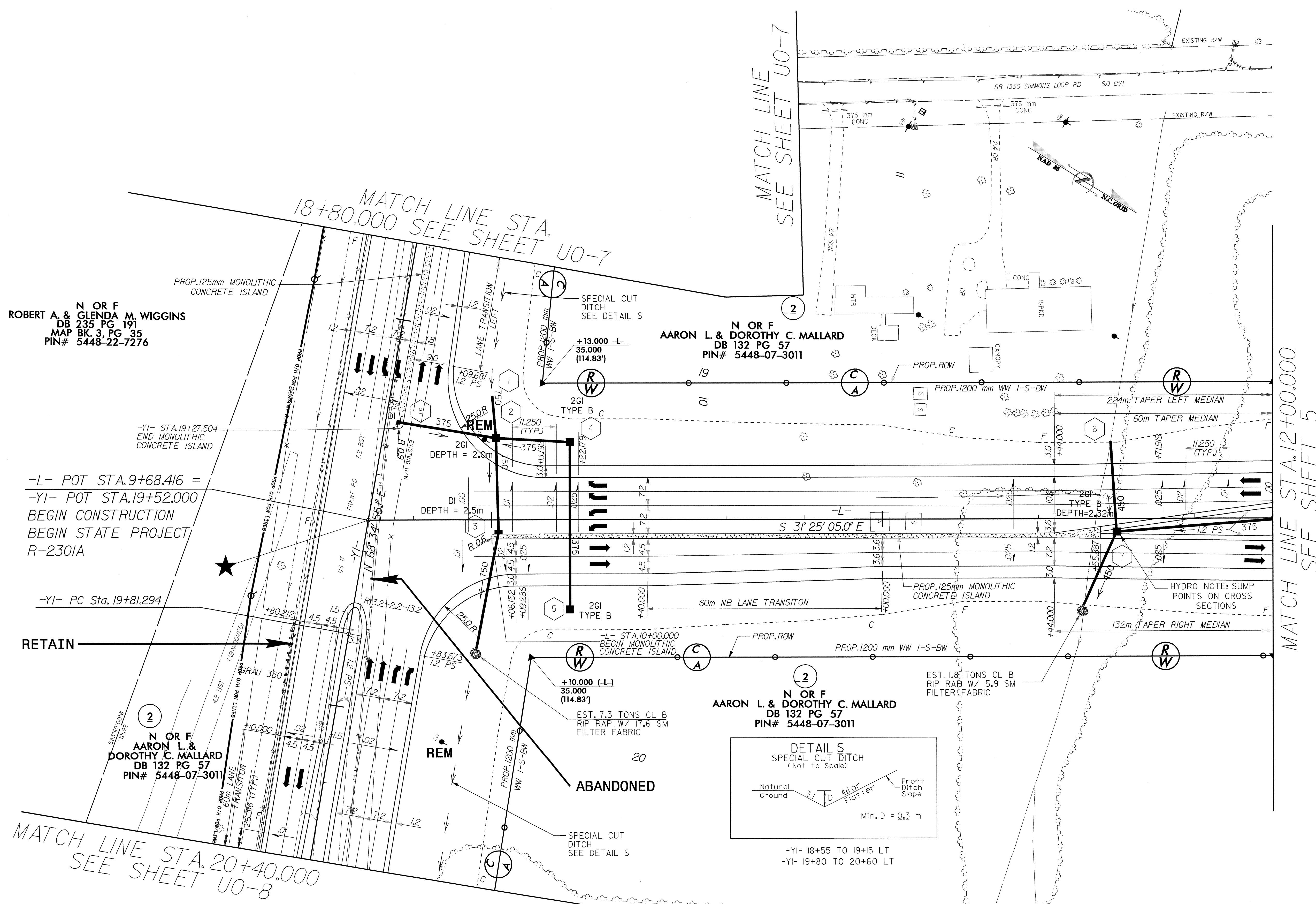
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 AARON L. & DOROTHY C. MALLARD
 DB 132 PG 57
 PIN# 5448-07-3011

N OR F
 AARON L. & DOROTHY C. MALLARD
 DB 132 PG 57
 PIN# 5448-07-3011



-YI- 18+55 TO 19+15 LT
 -YI- 19+80 TO 20+60 LT

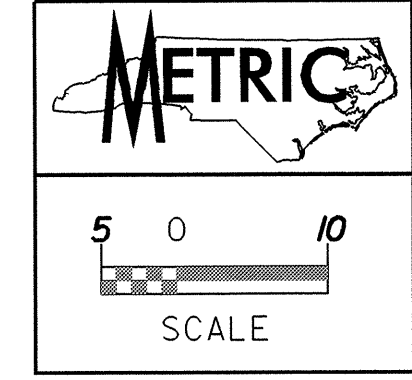
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 8/17/09



MATCH LINE STA. 18+80.000
 SEE SHEET U0-7

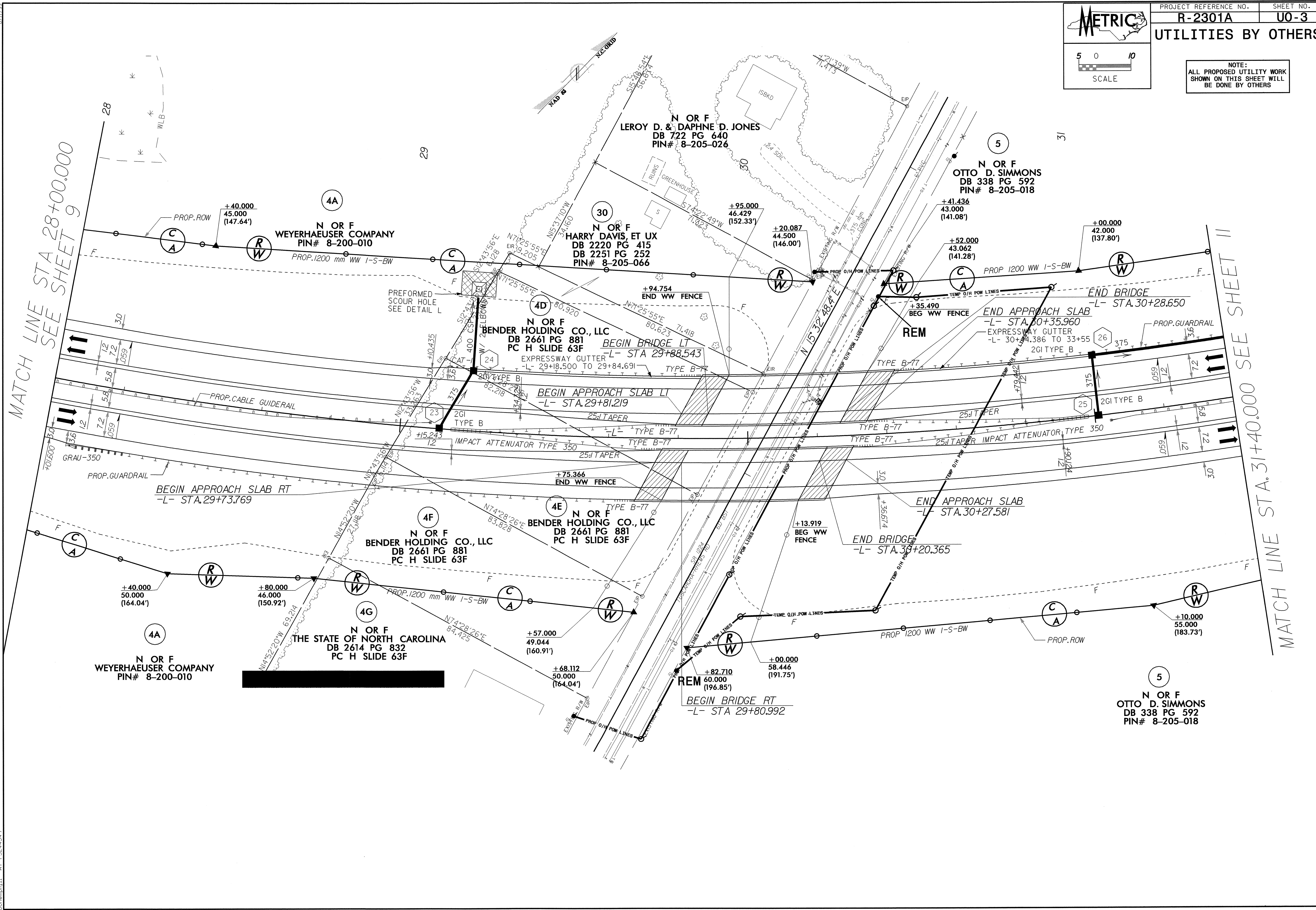
MATCH LINE
 SEE SHEET U0-7

MATCH LINE STA. 12+00.000
 SEE SHEET 5



UTILITIES BY OTHERS

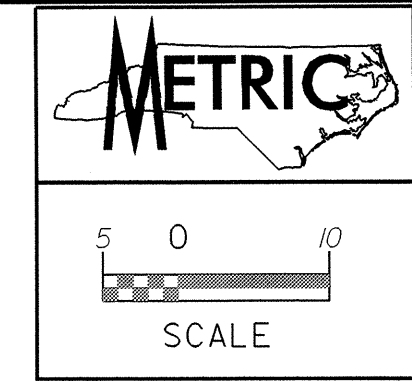
NOTE: ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS



MATCH LINE STA 28+00.000 SEE SHEET 9

MATCH LINE STA 31+40.000 SEE SHEET 11

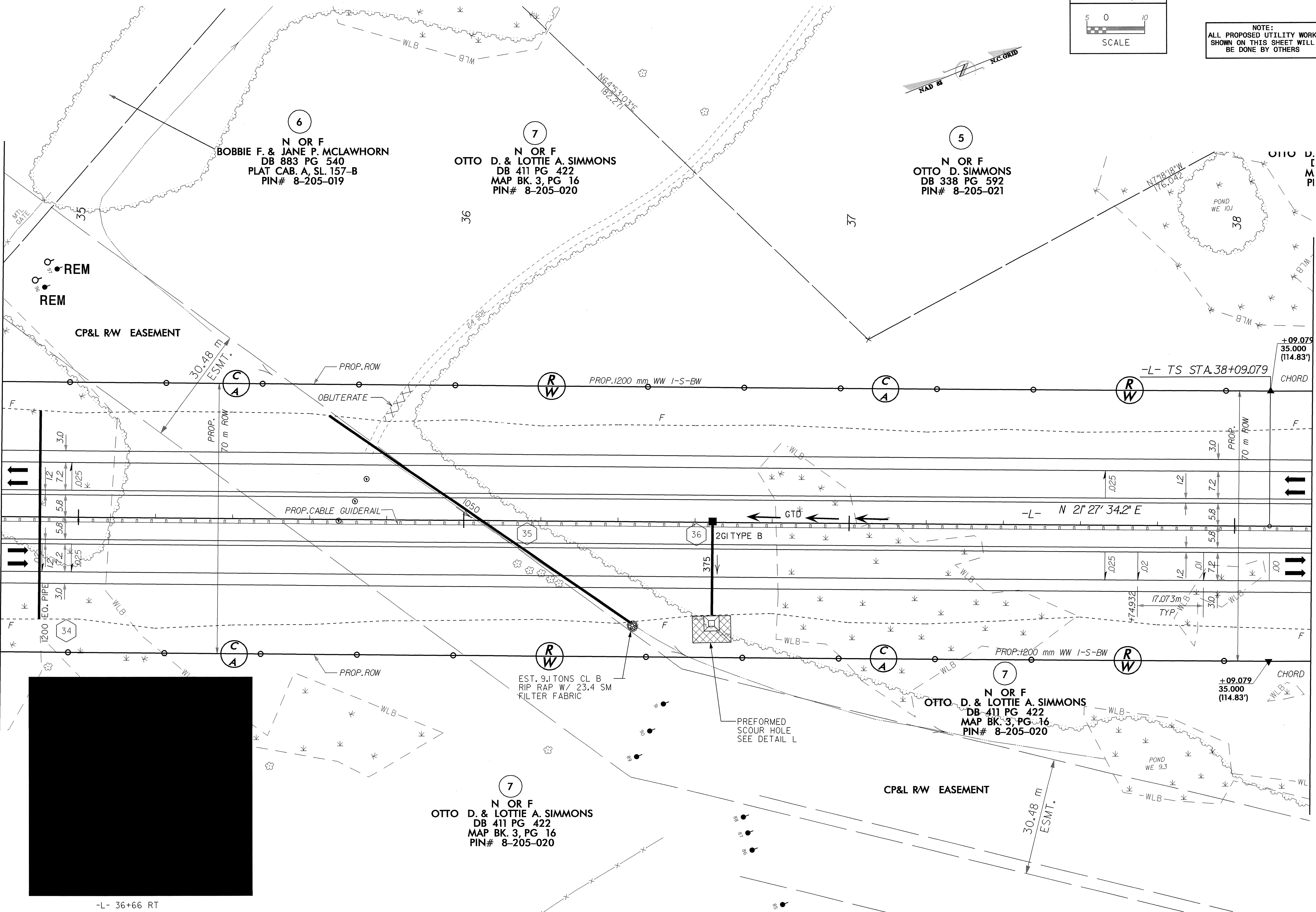
10: FEB-2009 14:36
C:\Users\james\Documents\Projects\R-2301\sheet\10_u003_psh.dgn
jcampbell



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

MATCH LINE STA. 34+80.000 SEE SHEET 11

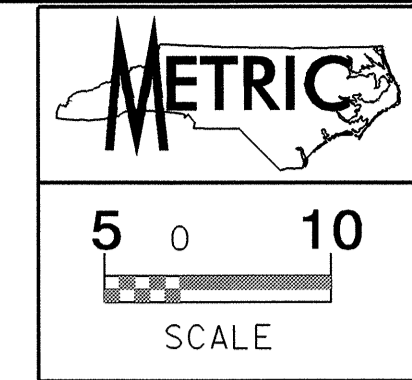
MATCH LINE STA 38+20.000 SEE SHEET 13



8/17/20
 10.FEB.2009 14:36
 C:\nautilus\psh\d\2301a\rt.12.uo04_psh.dgn
 Schimpff



-L- 36+66 RT

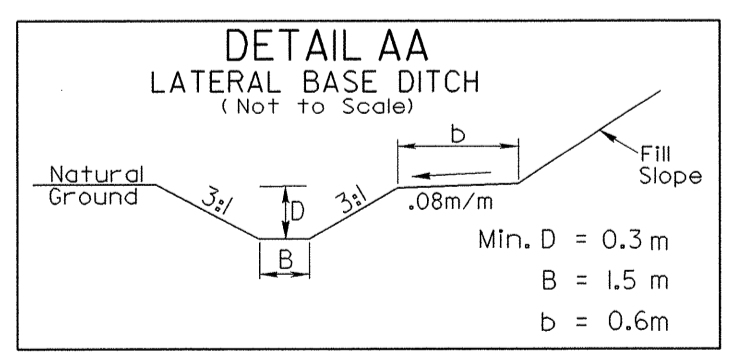
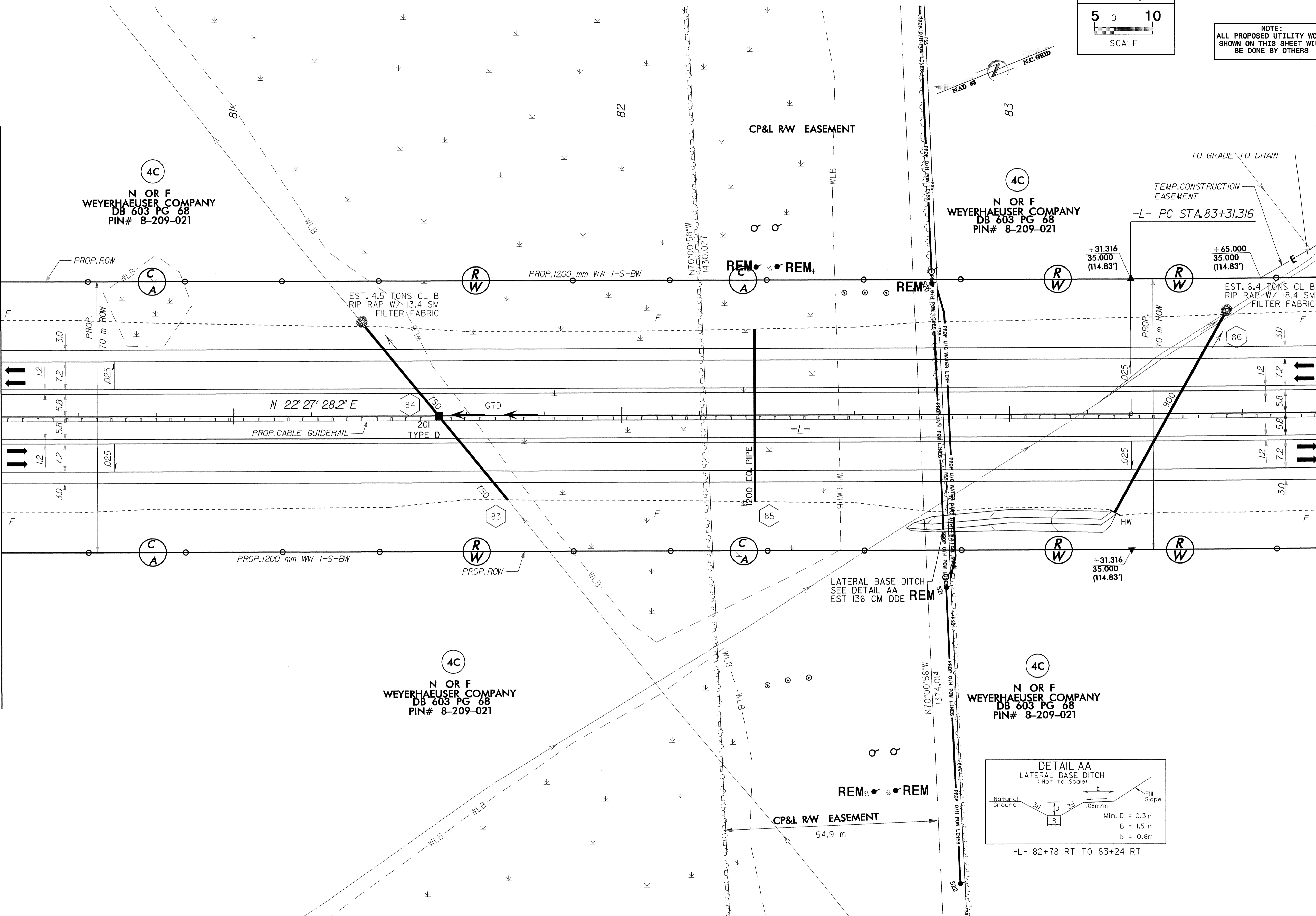


UTILITIES BY OTHERS

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

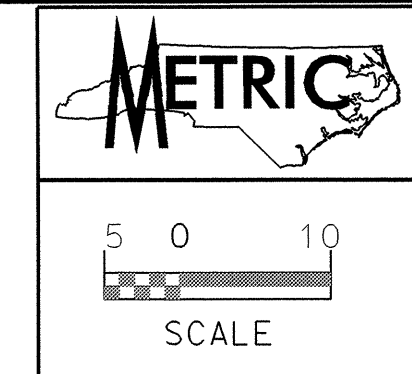
MATCH LINE STA. 80+40.000 SEE SHEET 25

MATCH LINE STA. 83+80.000 SEE SHEET 27



-L- 82+78 RT TO 83+24 RT

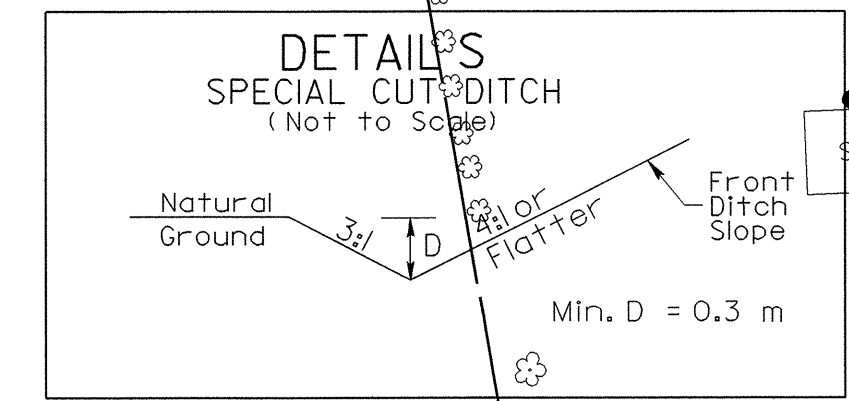
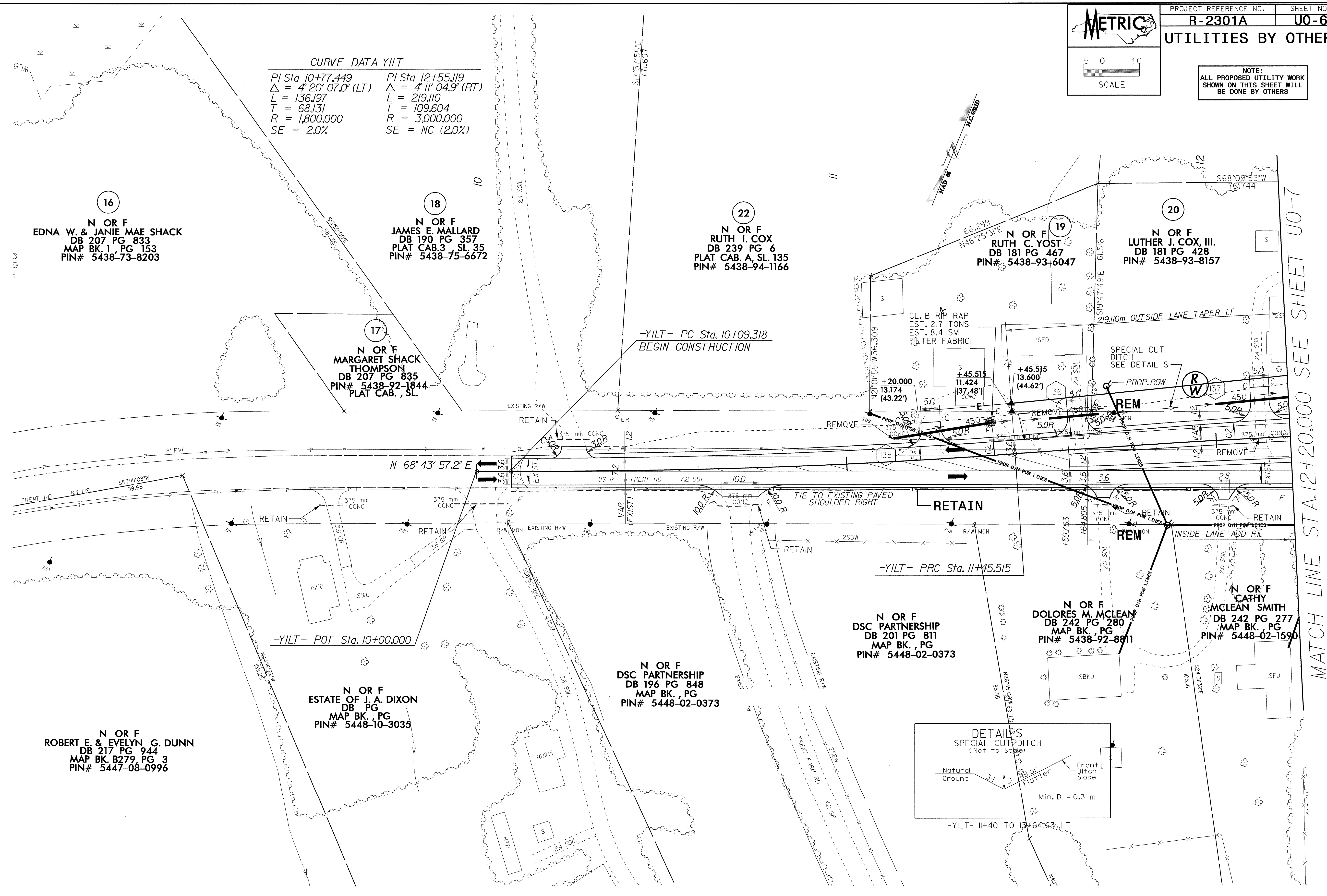
10-FEB-2009 14:39
r:\utilities\84\2301\sheet\26_u005_psh.dgn
84\2301\sheet\26_u005_psh.dgn



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

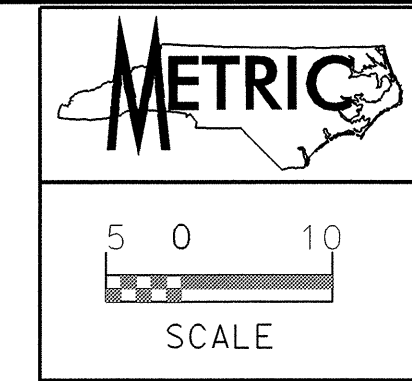
CURVE DATA YILT

PI Sta 10+77.449	PI Sta 12+55.119
$\Delta = 4^{\circ} 20' 07.0''$ (LT)	$\Delta = 4^{\circ} 11' 04.9''$ (RT)
L = 136.197	L = 219.110
T = 68.131	T = 109.604
R = 1,800.000	R = 3,000.000
SE = 2.0%	SE = NC (2.0%)



MATCH LINE STA. 12+20.000 SEE SHEET U0-7

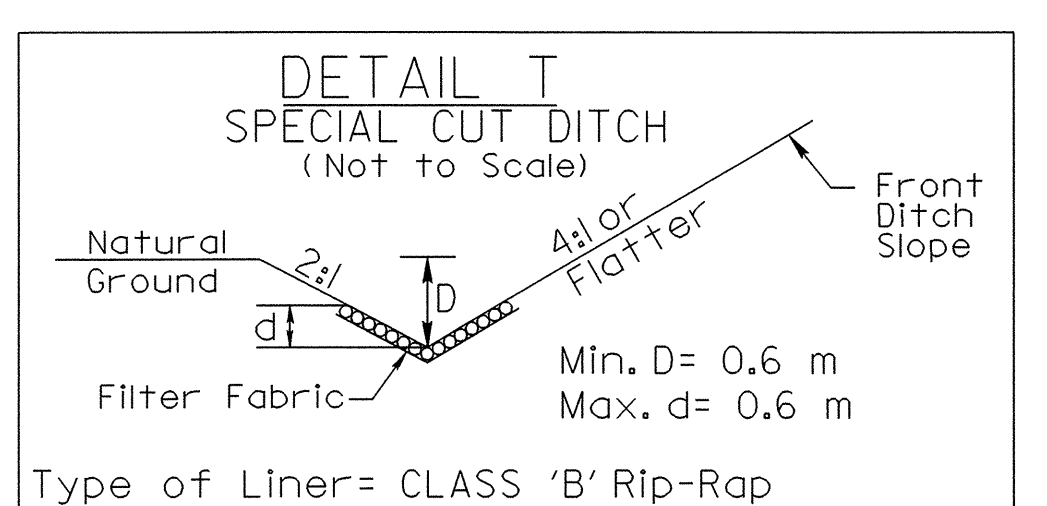
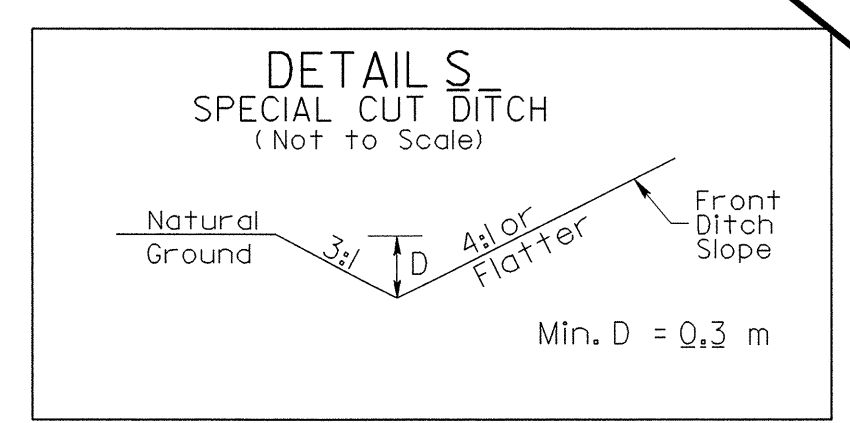
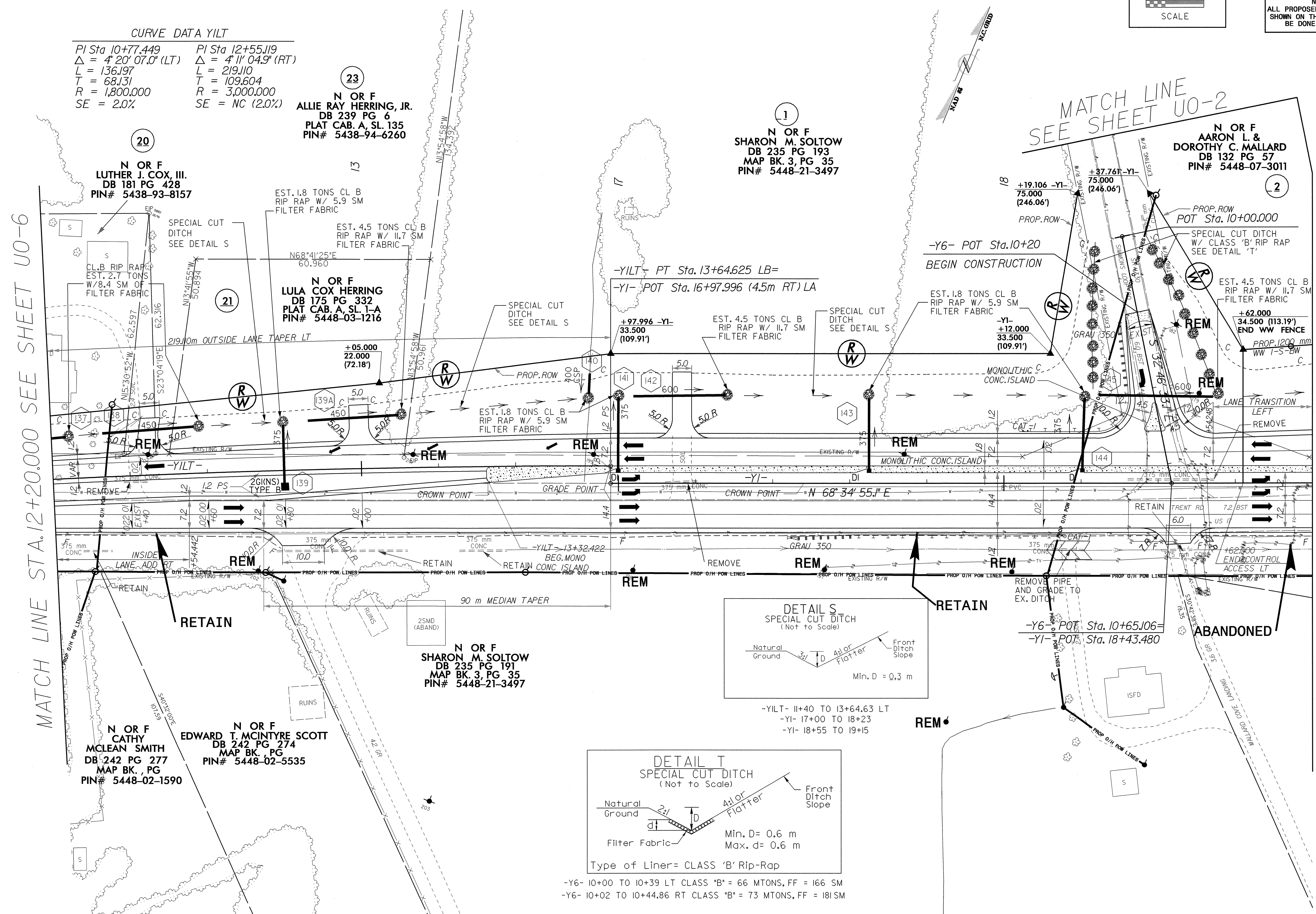
10-FEB-2009 14:40
 C:\Utilities\Projects\R-2301a.ctb_35_0006.pah.dgn
 schemphill



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

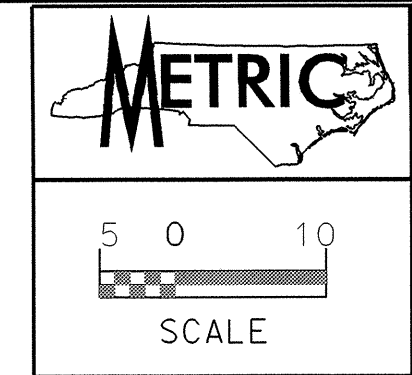
CURVE DATA YILT

PI Sta 10+77.449	PI Sta 12+55.119
$\Delta = 4^{\circ} 20' 07.0''$ (LT)	$\Delta = 4^{\circ} 11' 04.9''$ (RT)
L = 136.197	L = 219.110
T = 68.131	T = 109.604
R = 1,800.000	R = 3,000.000
SE = 2.0%	SE = NC (2.0%)



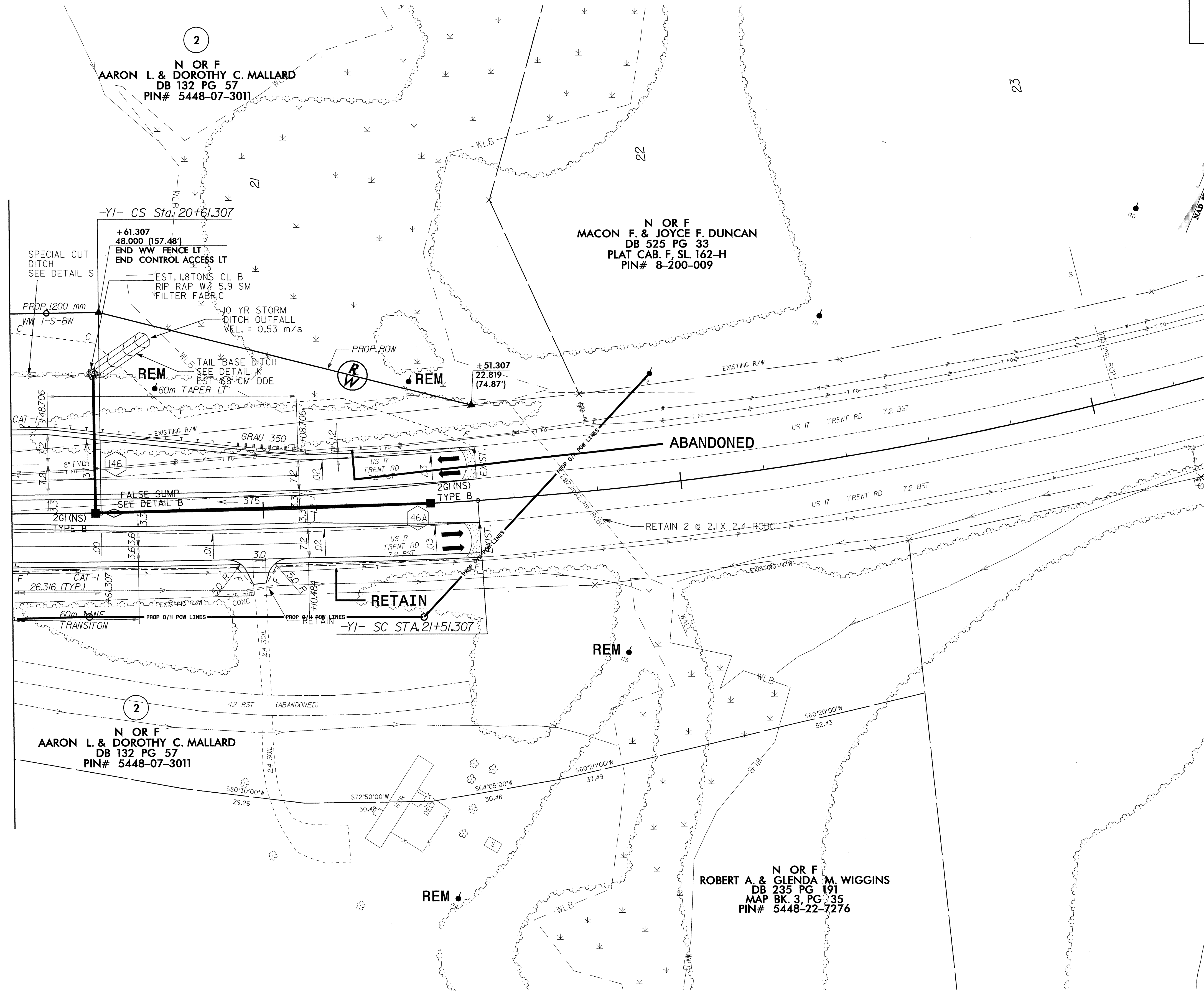
-Y6- 10+00 TO 10+39 LT CLASS 'B' = 66 MTONS, FF = 166 SM
 -Y6- 10+02 TO 10+44.86 RT CLASS 'B' = 73 MTONS, FF = 181 SM

10-FEB-2009 14:43
 C:\UTILITIES\Y-07\2301a\ut-36.uo07-psh.dgn
 bohemphj1 dtp p8245841



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

MATCH LINE STA. 20+40.00 SEE SHEET UO-2



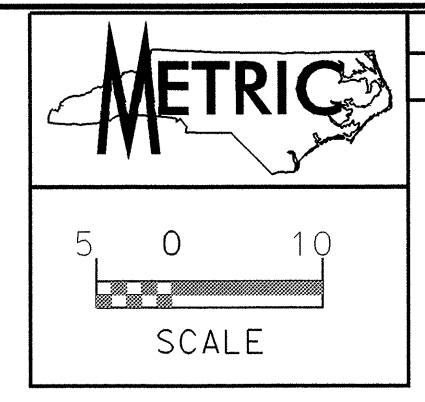
2
N OR F
AARON L. & DOROTHY C. MALLARD
DB 132 PG 57
PIN# 5448-07-3011

N OR F
MACON F. & JOYCE F. DUNCAN
DB 525 PG 33
PLAT CAB. F. SL. 162-H
PIN# 8-200-009

2
N OR F
AARON L. & DOROTHY C. MALLARD
DB 132 PG 57
PIN# 5448-07-3011

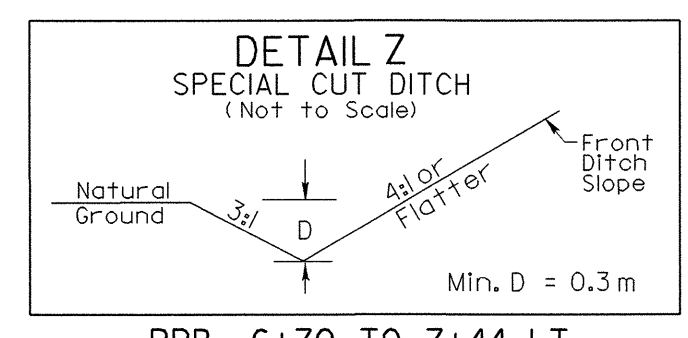
N OR F
ROBERT A. & GLENDA M. WIGGINS
DB 235 PG 191
MAP BK. 3, PG 35
PIN# 5448-22-7276

10-FEB-2009 14:45
C:\Users\pash\dgn\Projects\2301a\2301a_ut_37.usb\pash.dgn
5448-07-3011.dwg



PROJECT REFERENCE NO.	SHEET NO.
R-2301A	U0-9
UTILITIES BY OTHERS	

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



-RPB- 6+70 TO 7+44 LT
-RPA- 6+40 TO 7+15 RT

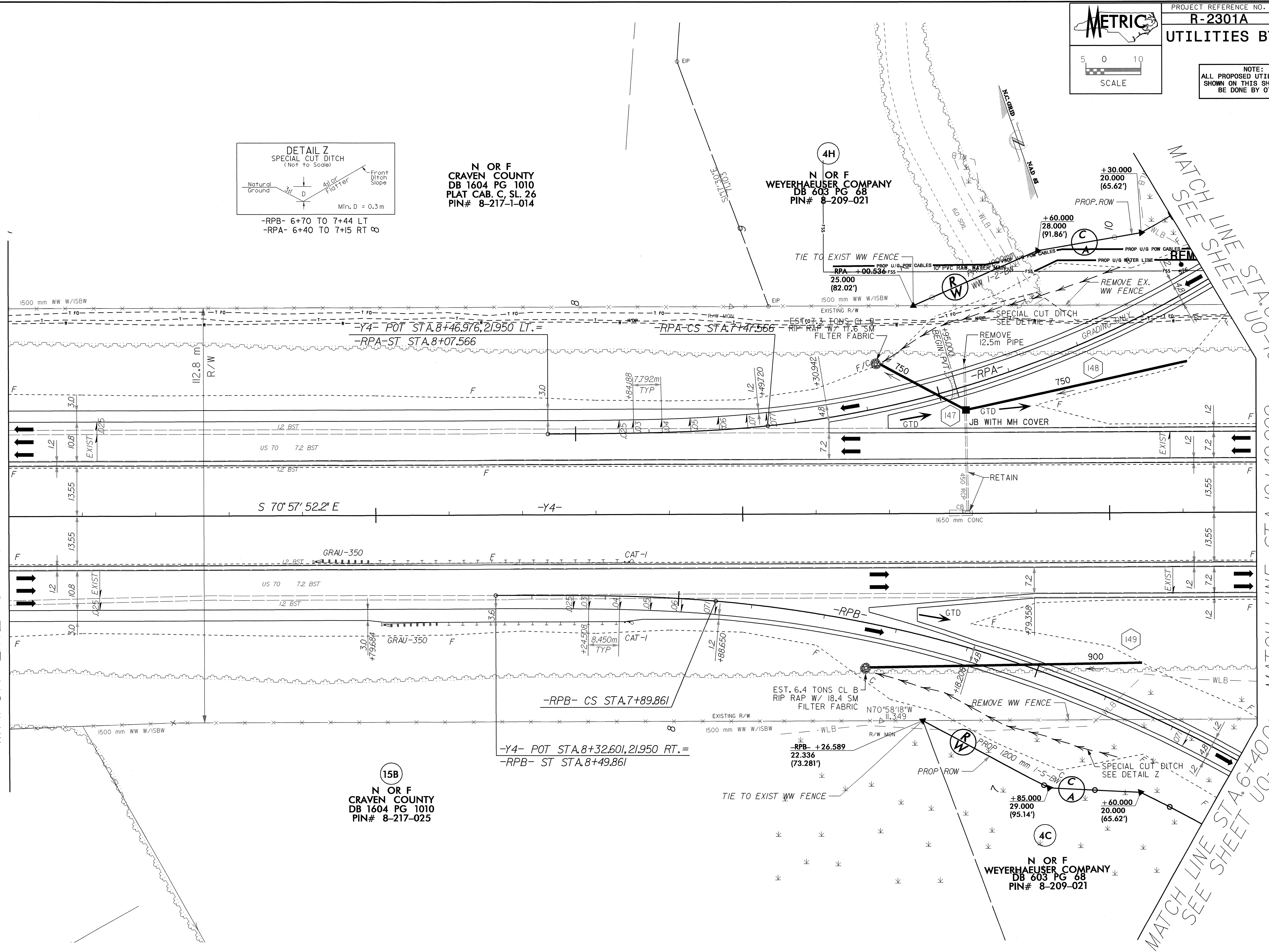
N OR F
CRAVEN COUNTY
DB 1604 PG 1010
PLAT CAB. C, SL. 26
PIN# 8-217-1-014

4H
N OR F
WEYERHAEUSER COMPANY
DB 603 PG 68
PIN# 8-209-021

N OR F
WEYERHAEUSER COMPANY
DB 603 PG 68
PIN# 8-209-021

MATCH LINE STA. 6+80.000 SEE SHEET 39

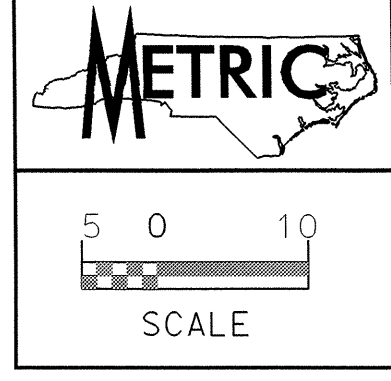
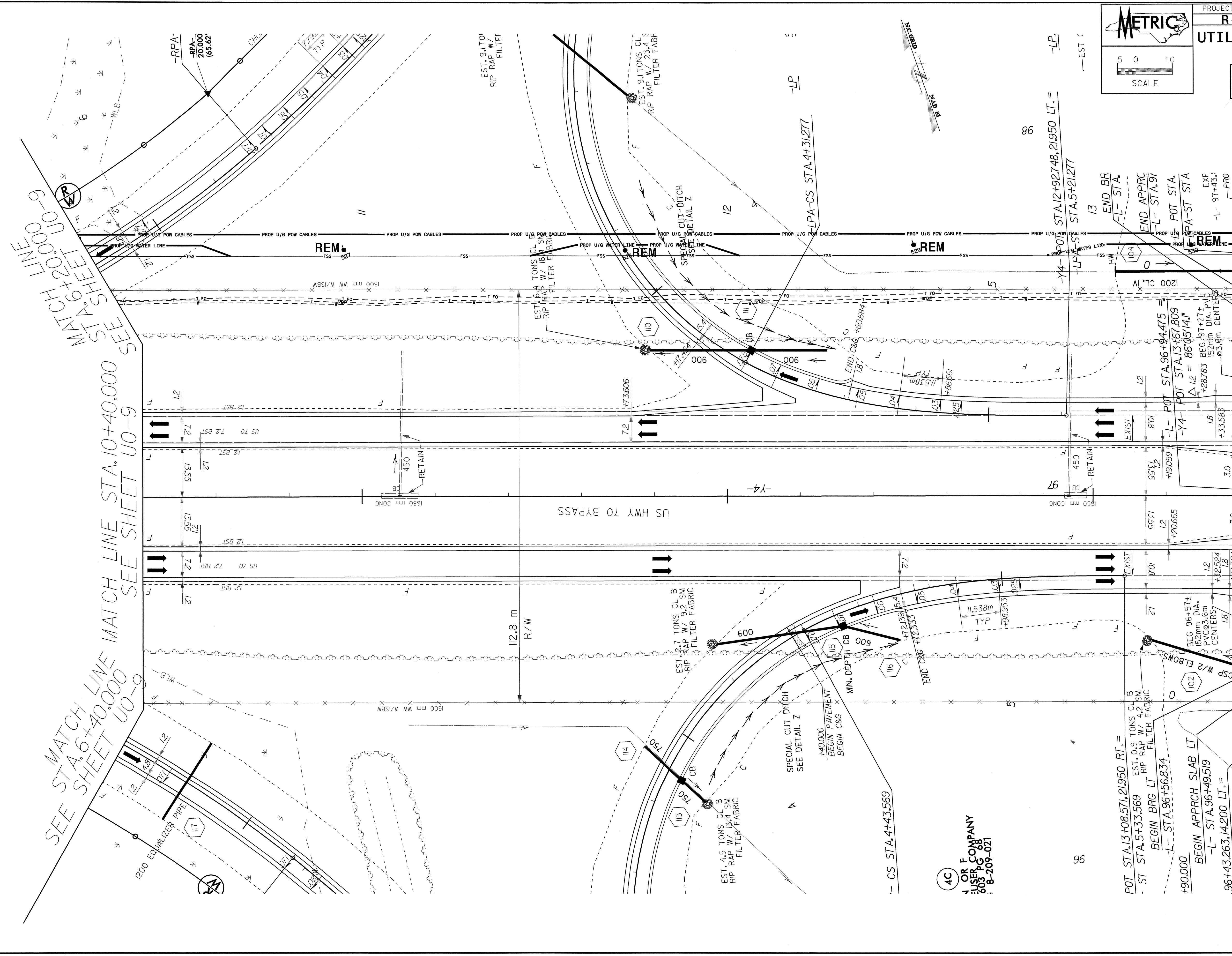
MATCH LINE SHEET STA. 6+20.000
MATCH LINE STA. 10+40.000
MATCH LINE STA. 6+40.000 SEE SHEET U0-10
SEE SHEET U0-10



15B
N OR F
CRAVEN COUNTY
DB 1604 PG 1010
PIN# 8-217-025

10-FEB-2009 15:52
C:\p01\2301a\2301a_ut_40_u009.plt.dgn
8:17:29

10-FEB-2009 15:16
C:\Users\james\Documents\Projects\2301a\ut_30_uo10_psh.dgn
20/02/2011 11:45:45



PROJECT REFERENCE NO. R-2301A
SHEET NO. UO-10
UTILITIES BY OTHERS

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

MATCH LINE
UO-9
SEE SHEET UO-9
STA. 6+20.000

MATCH LINE
UO-9
SEE SHEET UO-9
STA. 10+40.000

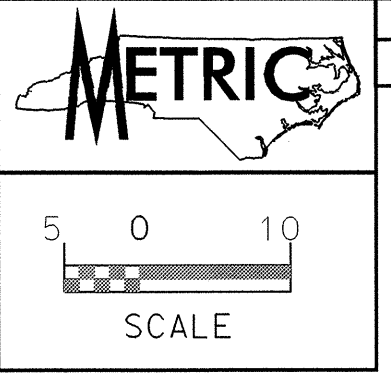
MATCH LINE
UO-9
SEE SHEET UO-9
STA. 6+40.000

MATCH LINE
UO-11
SEE SHEET UO-11
STA. 13+40.000

4C
OR F
USER COMPANY
PG 88
8-209-021

POT STA. 13+08.571, 21950 LT. =
ST STA. 5+33.569
EST. 0.9 TONS CL B
RIP RAP W/ 4.2 SM
FILTER FABR
BEGIN BRG LT
-L- STA. 96+56.834
+90.000
BEGIN APPRCH SLAB LT
-L- STA. 96+49.519
-L- STA. 96+14.200 LT. =

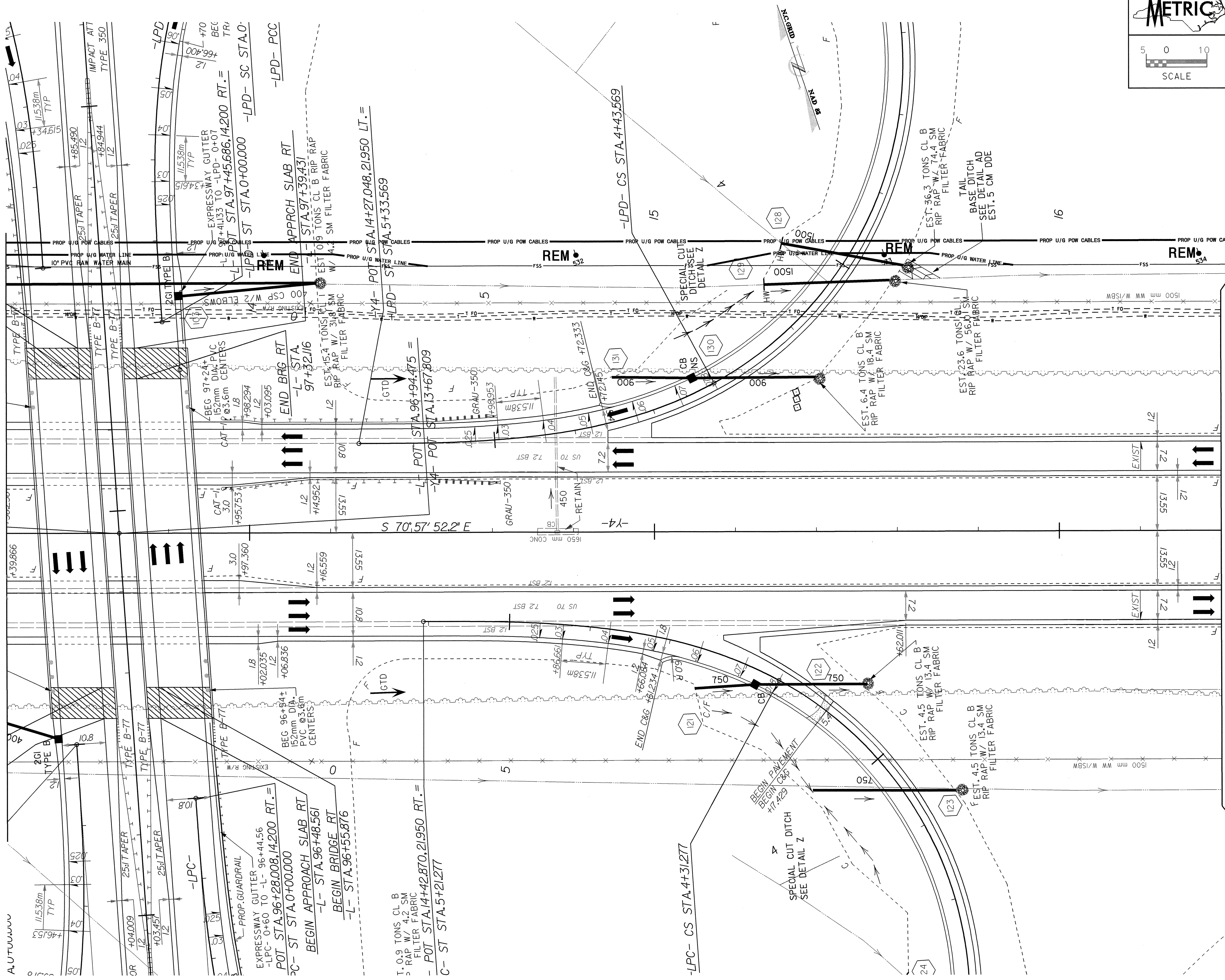
POT STA. 96+94.475 =
ST STA. 13+67.809
EST. 2.97+27+
PVC 152mm DIA. PVC
CENTERS
BEG. 97+27+
152mm DIA. PVC
CENTERS
-L- STA. 97+43.1



UTILITIES BY OTHERS

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

MATCH LINE STA.13+40.000 SEE SHEET U0-10

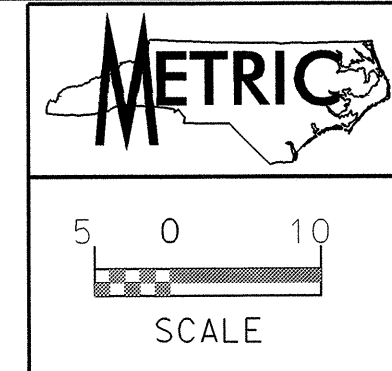


EXPRESSWAY GUTTER
 -LPC- 0+60 TO -L- 96+44.56
 POT STA.96+28.008,14.200 RT.=
 -C- ST STA.0+00.000
 BEGIN APPROACH SLAB RT/
 -L- STA.96+48.561
 BEGIN BRIDGE RT
 -L- STA.96+55.876

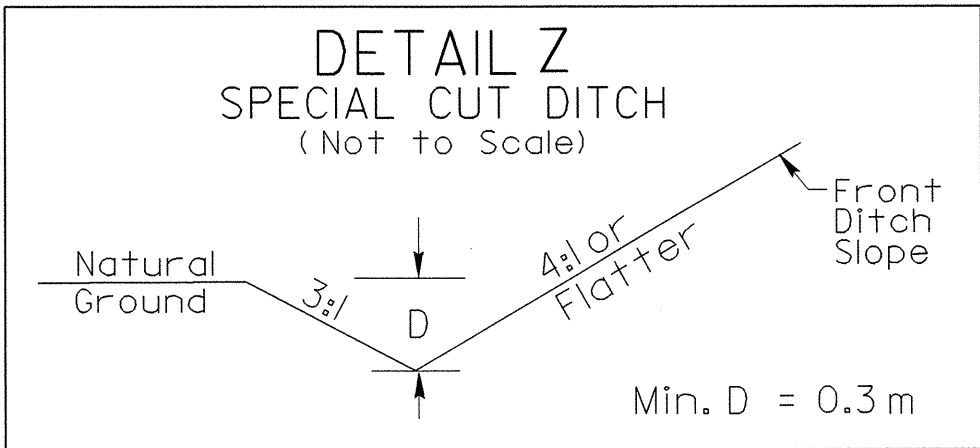
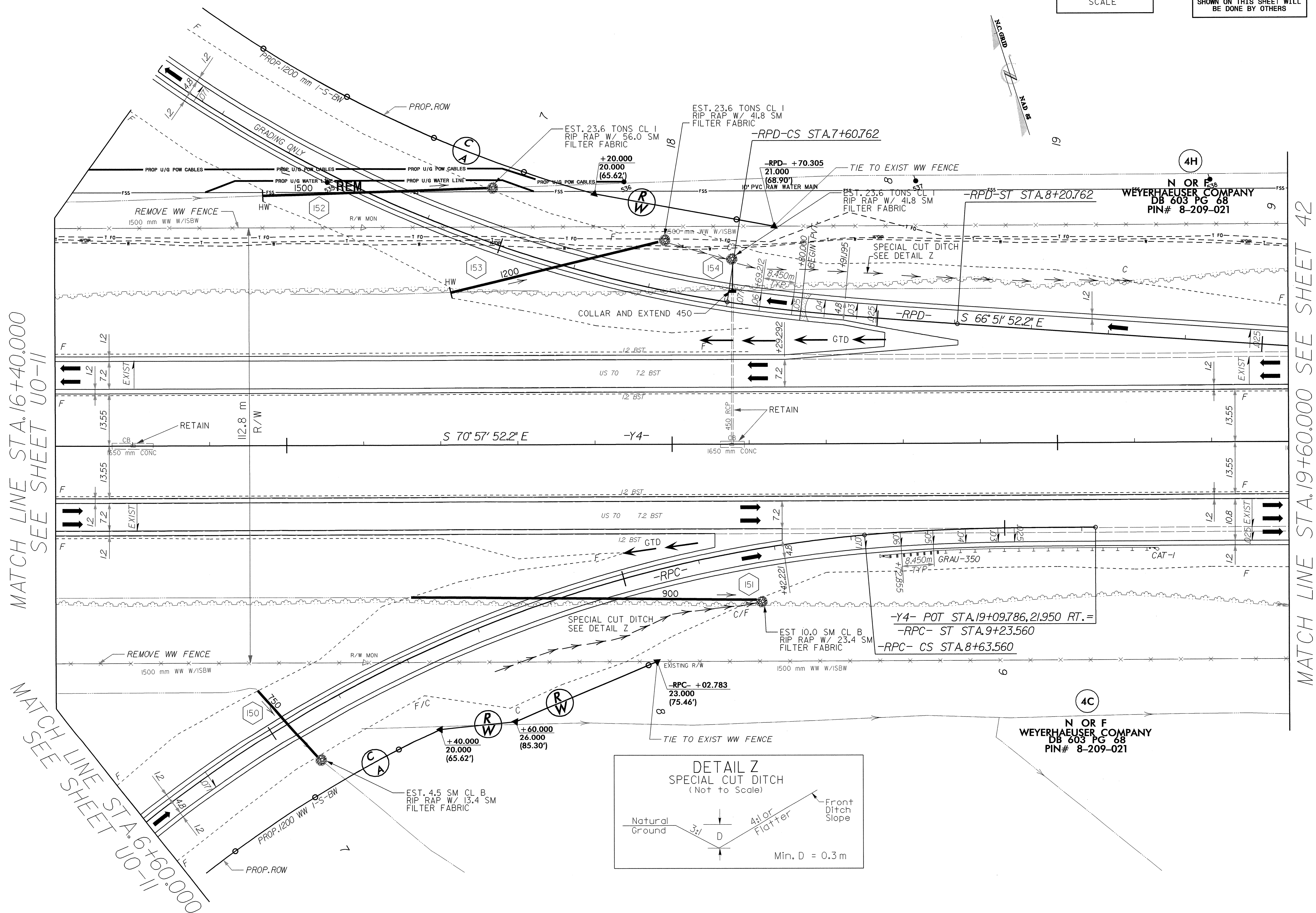
T-0.9 TONS CL B
 5 RAP W/ 4.2 SM
 FILTER FABRIC
 - POT STA.14+42.870,21.950 RT.=
 - POT STA.5+21.277

MATCH LINE STA.16+40.000
 SEE SHEET U0-12

MATCH LINE
 STA.16+40.000
 SEE SHEET U0-12



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



MATCH LINE STA. 16+40.000
 SEE SHEET U0-11

MATCH LINE STA. 6+60.000
 SEE SHEET U0-11

MATCH LINE STA. 19+60.000 SEE SHEET 42

N OR F
 WEYERHAEUSER COMPANY
 DB 603 PG 68
 PIN# 8-209-021

N OR F
 WEYERHAEUSER COMPANY
 DB 603 PG 68
 PIN# 8-209-021

10-FEB-2009 16:28
 C:\projects\2301a\ut_41\loc12_psh.dgn
 8/17/09