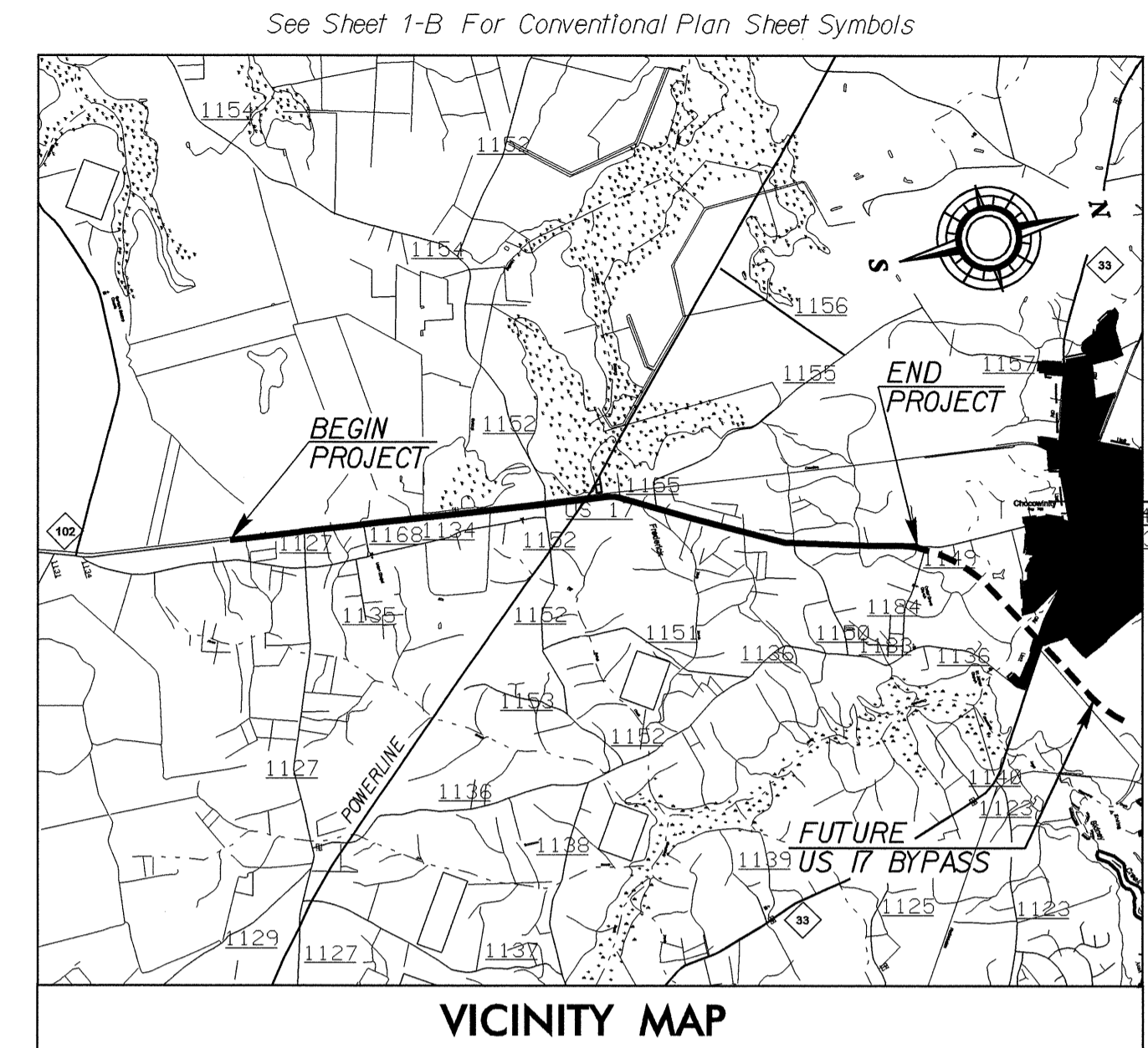


05/08/99

TIP PROJECT: R-2510A

T.I.P. NO.	SHEET NO.
R-2510A	UC-1



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

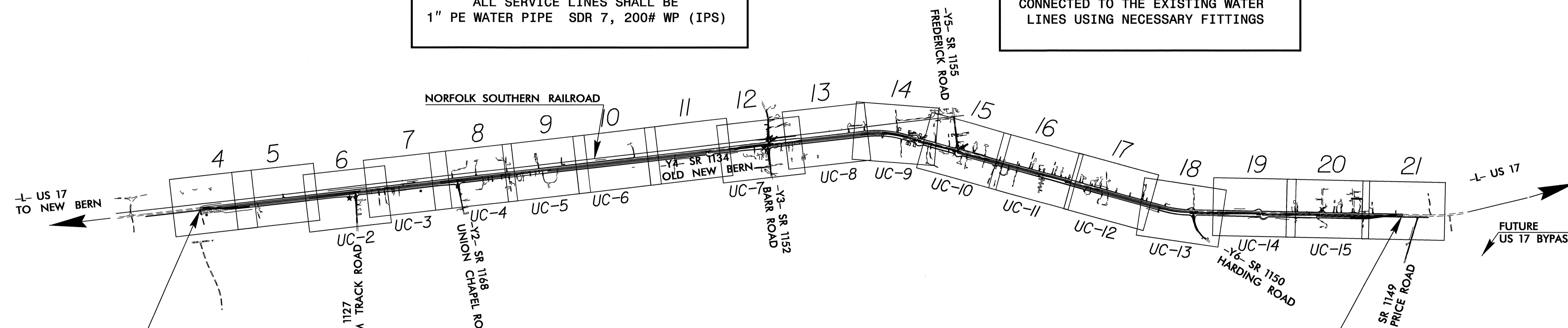
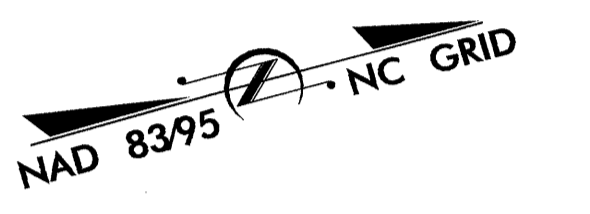
**UTILITY CONSTRUCTION PLANS  
BEAUFORT COUNTY**

**LOCATION: US 17 FROM SOUTH OF SR 1127 (POSSUM TRACK RD)  
TO SOUTH OF SR 1149**

**TYPE OF WORK: RELOCATION OF WATER LINES**

ALL SERVICE LINES SHALL BE  
1" PE WATER PIPE SDR 7, 200# WP (IPS)

ALL PROPOSED WATER LINES SHALL BE  
CONNECTED TO THE EXISTING WATER  
LINES USING NECESSARY FITTINGS

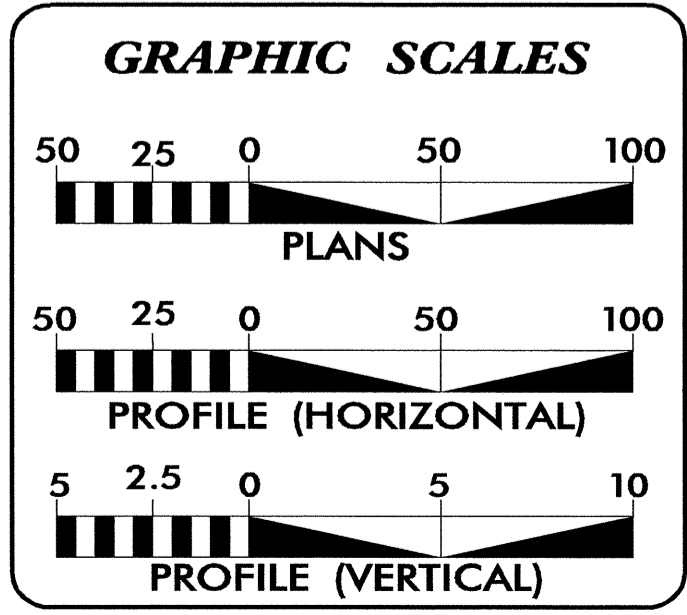


BEGIN TIP PROJECT R-2510A  
-L- POT STA. 20+00.00  
BEGIN PARTIAL CONTROL  
OF ACCESS

END TIP PROJECT R-2510A  
-L- POT STA. 24+65.00  
END PARTIAL CONTROL  
OF ACCESS

THE OWNER (BEAUFORT COUNTY WATER DEPARTMENT) SHALL BE NOTIFIED TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION.

THE OWNER SHALL BE NOTIFIED TWO WEEKS IN ADVANCE OF ANY INTERRUPTIONS OF WATER SERVICE WITH AMPLE TIME TO MAKE ARRANGEMENTS. INTERRUPTION OF WATER SERVICE ON MAIN LINE SHALL BE LIMITED TO MAXIMUM OF 8 HOURS UNLESS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL COORDINATE ALL THE WORK WITH OWNER THE PROPOSED WATER LINE MAY NEED TO BE TIE IN NIGHT, WEEKENDS OR AT A TIME MOST CONVENIENT TO THE OWNER.

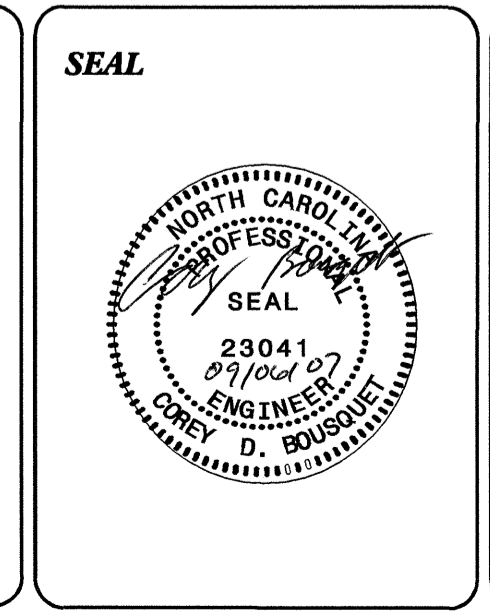


**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-2 THRU UC-15	UTILITY CONSTRUCTION PLAN SHEETS
UC-16	PROFILE SHEET(S)
UC-17 THRU UC-19	DETAILS SHEET(S)

**WATER AND SEWER OWNERS ON PROJECT**

(1) WATER : BEAUFORT COUNTY WATER DEPARTMENT



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

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

**Roger Worthington, P.E.** UTILITIES SECTION ENGINEER  
**Corey Bousquet, P.E.** UTILITIES SQUAD LEADER PROJECT ENGINEER  
**Kifah kamil** UTILITIES PROJECT DESIGNER

06-SEP-2007 14:59  
C:\Utilities\rcy\ut\proj\R2510\utsh\ut\_ucl.psh.dgn  
\$\$\$USERNAME\$\$\$

5/14/99

NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

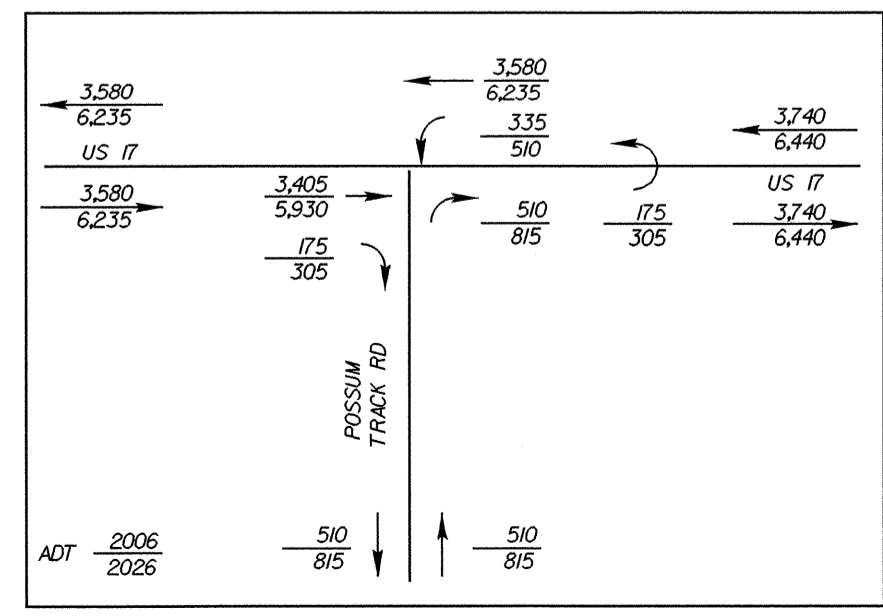
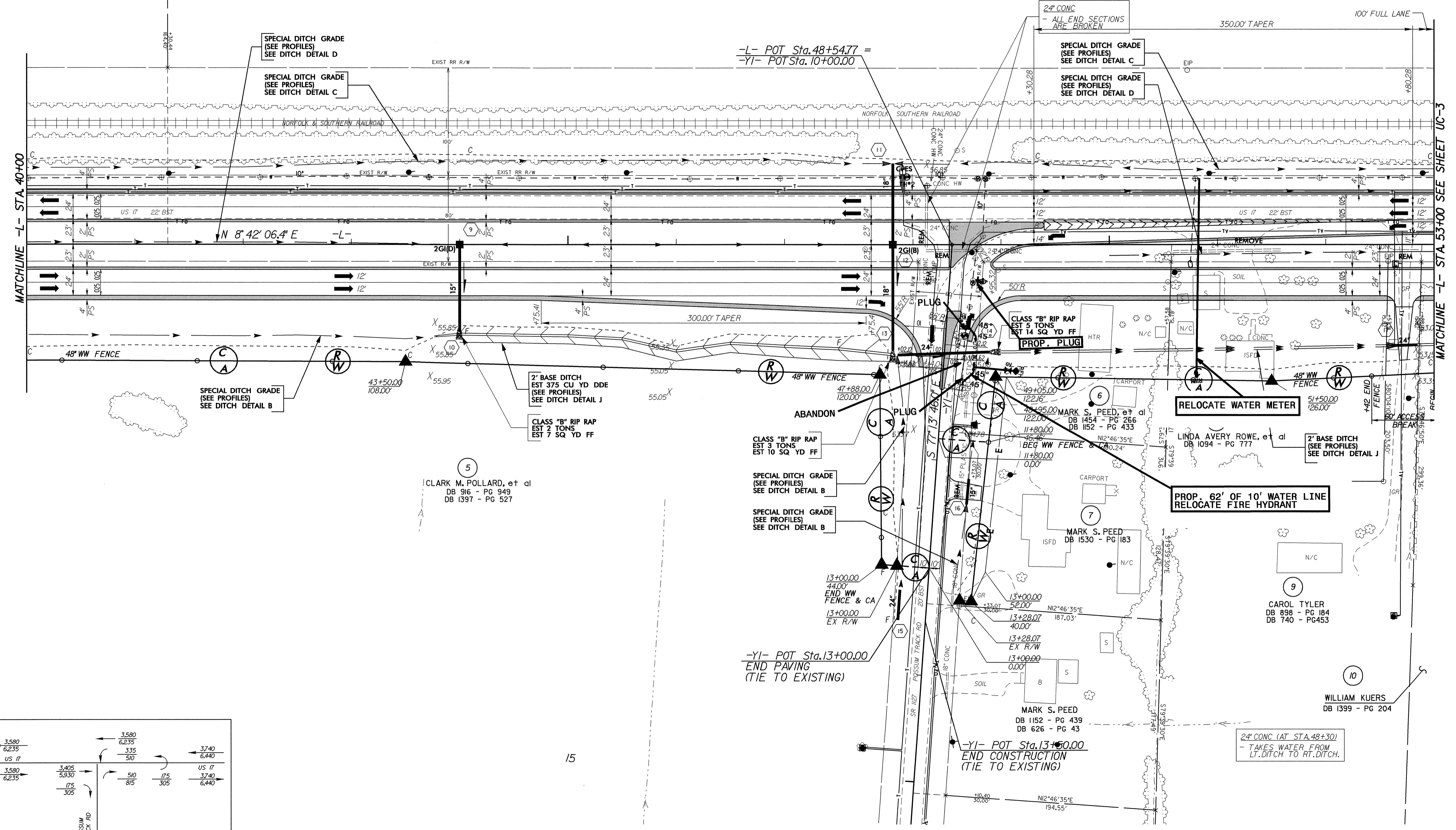
PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-2
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

# UTILITY CONSTRUCTION



PAUL A. LEE  
DB 849 - PG 488  
MB 14 - PG 18

WEYERHAEUSER COMPANY  
DB 1082 - PG 35  
TB 11 - PG 375  
MB 14 - PG 18



06-SEP-2007 11:02  
r:\utilities\nc\projects\2510a06.ut.uc2.psh\dgn

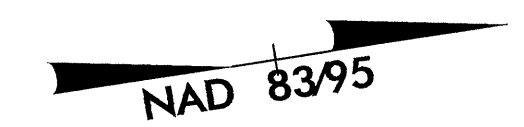
MATCHLINE -L- STA. 53+00 SEE SHEET UC-3

MATCHLINE -L- STA. 40+00

5/14/99

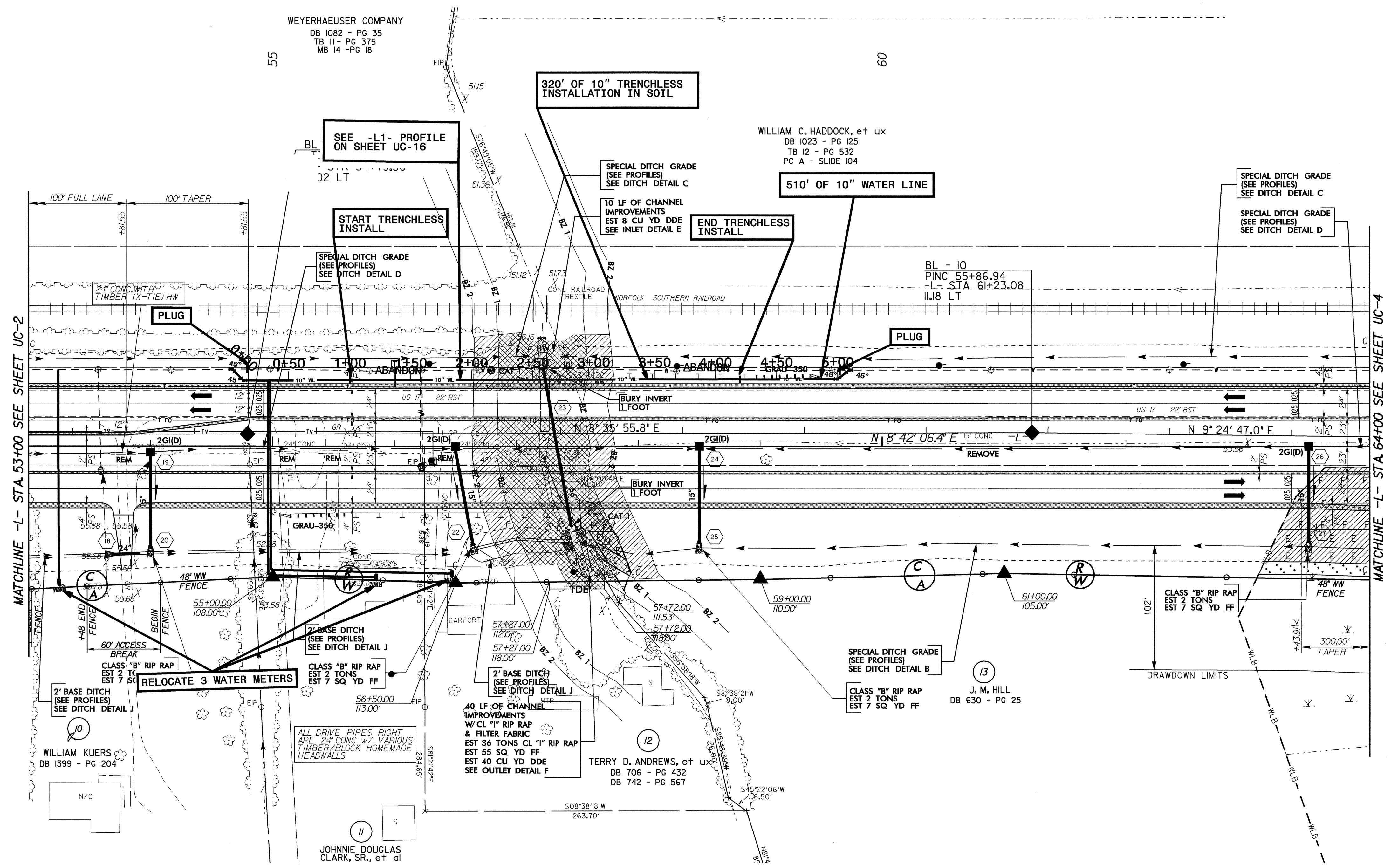
NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 24 FOR -L- PROFILE SEE SHEET 2C FOR DITCH DETAILS ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED



PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-3
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

# UTILITY CONSTRUCTION

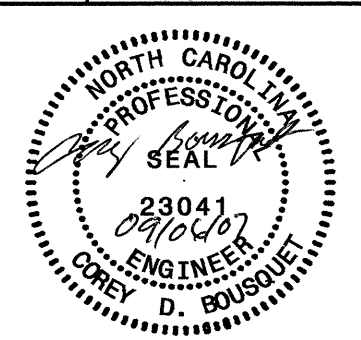


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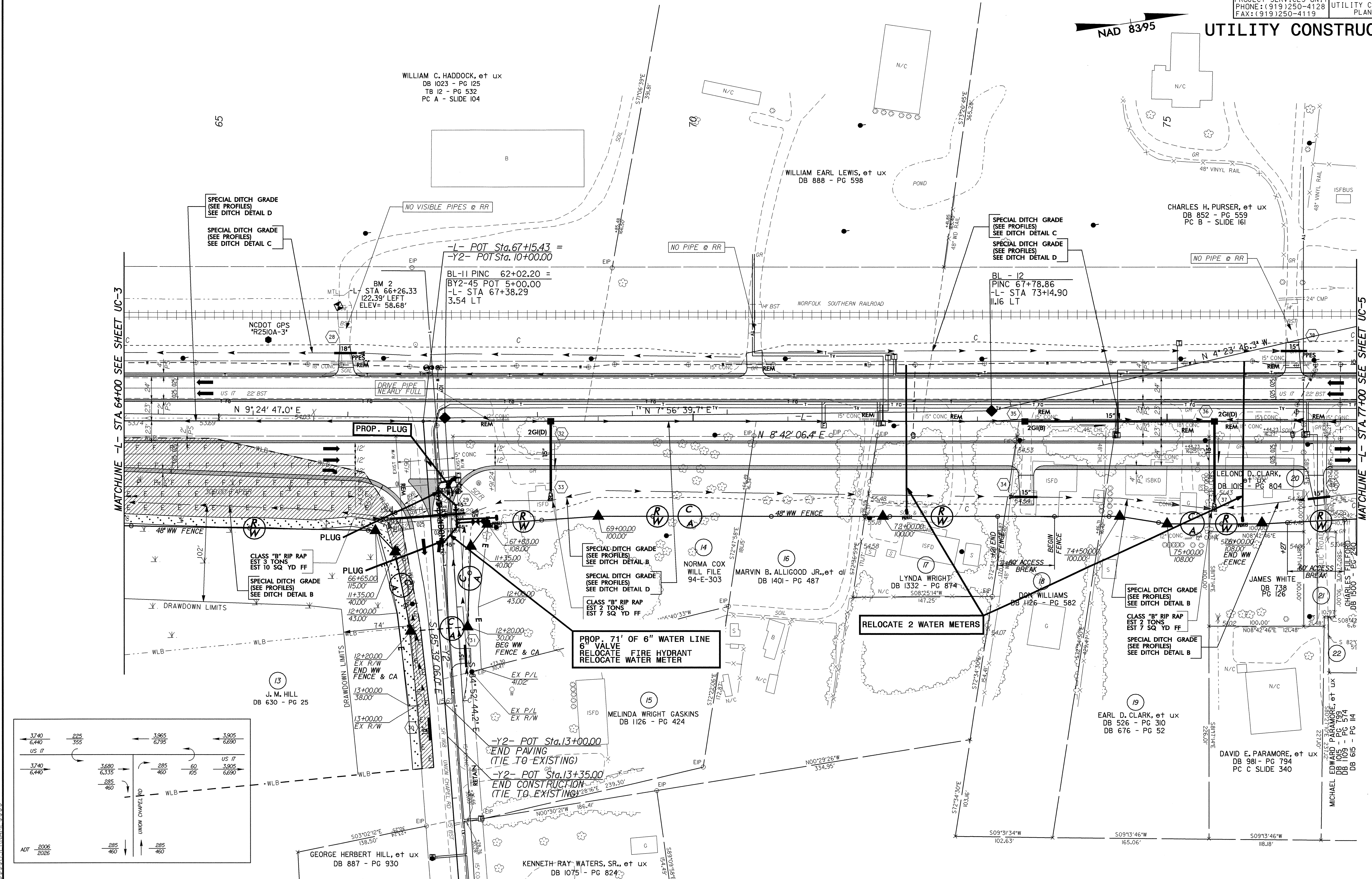
5/14/95

NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 24 FOR -L- PROFILE  
SEE SHEET 32 FOR -Y2- PROFILE  
SEE SHEET 2C FOR DITCH DETAILS  
ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

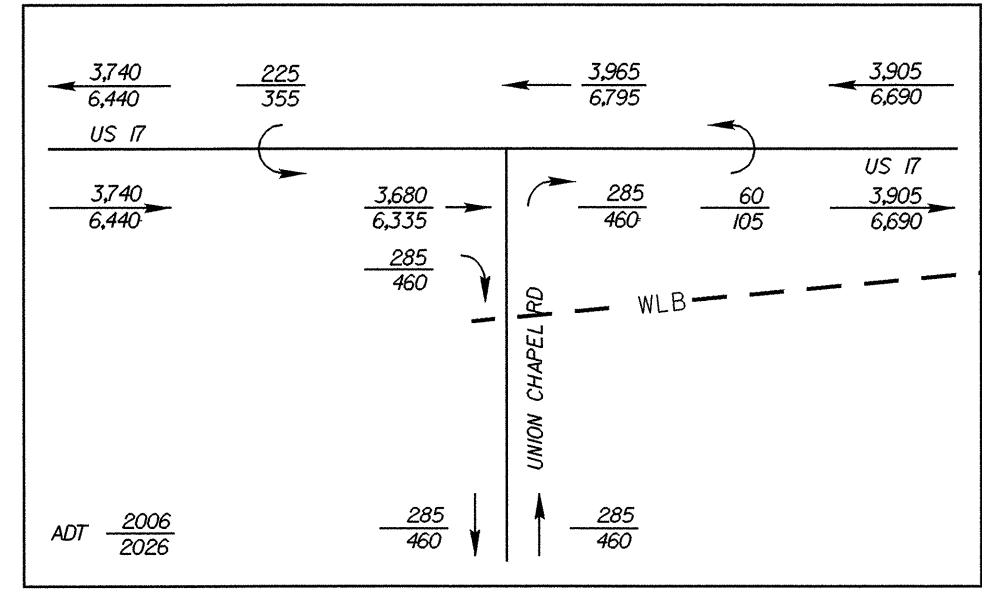
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DESIGNED BY: <b>KAK</b>	
DRAWN BY: <b>KAK</b>	
CHECKED BY: <b>CDB</b>	
APPROVED BY: <b>CDB</b>	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

NAD 83/95 **UTILITY CONSTRUCTION**



MATCHLINE -L- STA 64+00 SEE SHEET UC-3

MATCHLINE -L- STA 77+00 SEE SHEET UC-5



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5/14/99

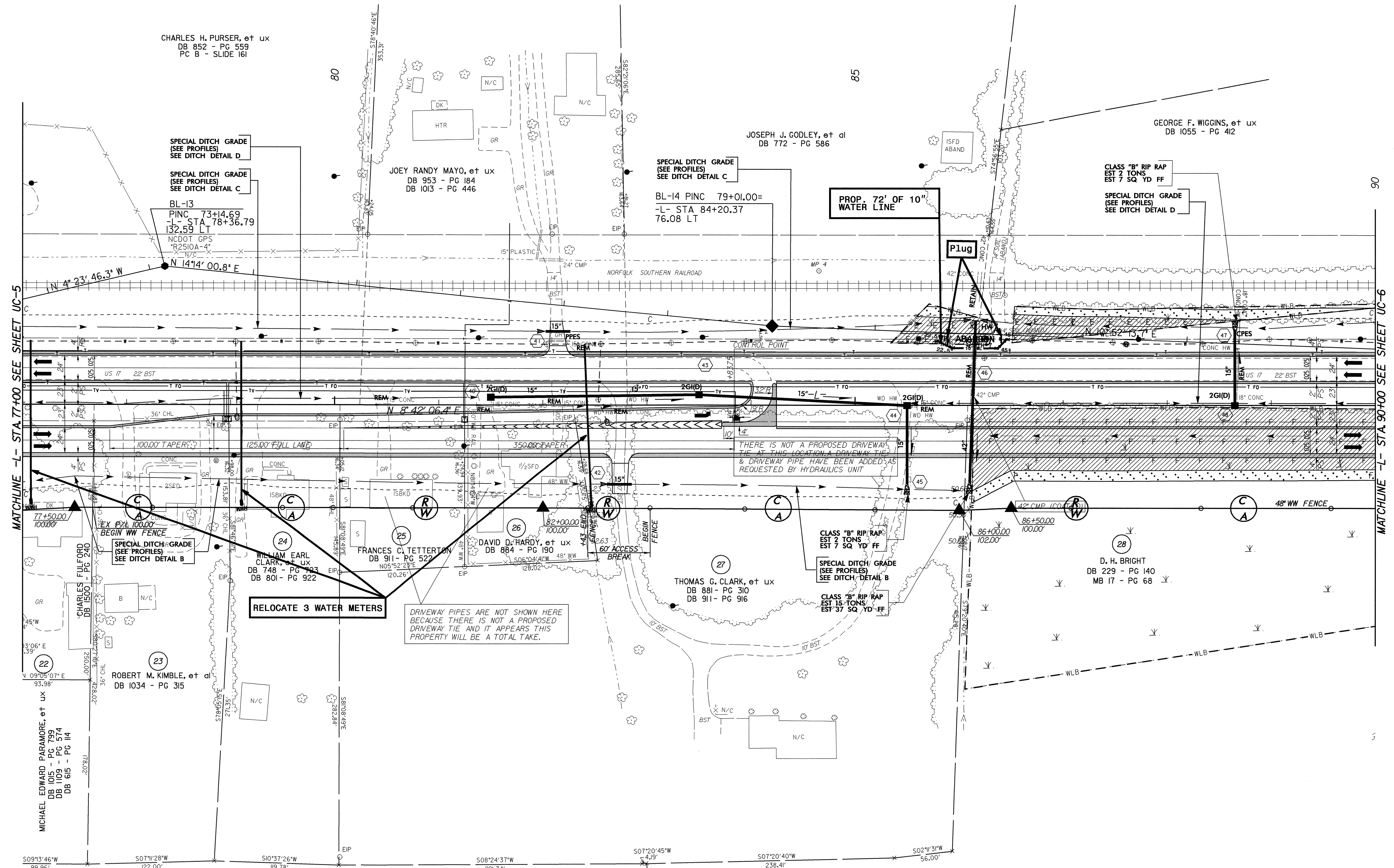
NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 25 FOR -L- PROFILE SEE SHEET 2C FOR DITCH DETAILS ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED



PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-5
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

# UTILITY CONSTRUCTION



CHARLES H. PURSER, et ux  
DB 852 - PG 559  
PC B - SLIDE 161

JOEY RANDY MAYO, et ux  
DB 953 - PG 184  
DB 1013 - PG 446

JOSEPH J. GODLEY, et al  
DB 772 - PG 586

GEORGE F. WIGGINS, et ux  
DB 1055 - PG 412

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

BL-13  
PINC 73+4.69  
-L- STA 78+36.79  
132.59 LT  
NCDOT GPS  
"R2510A-4"  
N/C

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

BL-14 PINC 79+01.00=  
-L- STA 84+20.37  
76.08 LT

PROP. 72' OF 10"  
WATER LINE

CLASS "B" RIP RAP  
EST 2 TONS  
EST 7 SQ YD FF

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

MATCHLINE -L- STA 77+00 SEE SHEET UC-5

MATCHLINE -L- STA 90+00 SEE SHEET UC-6

RELOCATE 3 WATER METERS

DRIVEWAY PIPES ARE NOT SHOWN HERE BECAUSE THERE IS NOT A PROPOSED DRIVEWAY TIE AND IT APPEARS THIS PROPERTY WILL BE A TOTAL TAKE.

THERE IS NOT A PROPOSED DRIVEWAY TIE AT THIS LOCATION. A DRIVEWAY TIE & DRIVEWAY PIPE HAVE BEEN ADDED AS REQUESTED BY HYDRAULICS UNIT

CLASS "B" RIP RAP  
EST 2 TONS  
EST 7 SQ YD FF

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

CLASS "B" RIP RAP  
EST 15 TONS  
EST 37 SQ YD FF

D. H. BRIGHT  
DB 229 - PG 140  
MB 17 - PG 68

MICHAEL EDWARD PARAMORE, et ux  
DB 1015 - PG 799  
DB 1103 - PG 574  
DB 1615 - PG 114

ROBERT M. KIMBLE, et al  
DB 1034 - PG 315

CHARLES FULLFORD  
DB 1500 - PG 240

WILLIAM EARL CLARK, et ux  
DB 748 - PG 623  
DB 801 - PG 922

FRANCES C. TETTERTON  
DB 911 - PG 522

DAVID D. HARDY, et ux  
DB 884 - PG 190

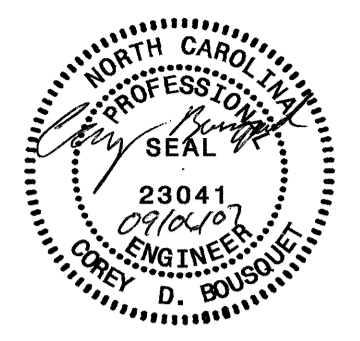
THOMAS G. CLARK, et ux  
DB 881 - PG 310  
DB 911 - PG 916

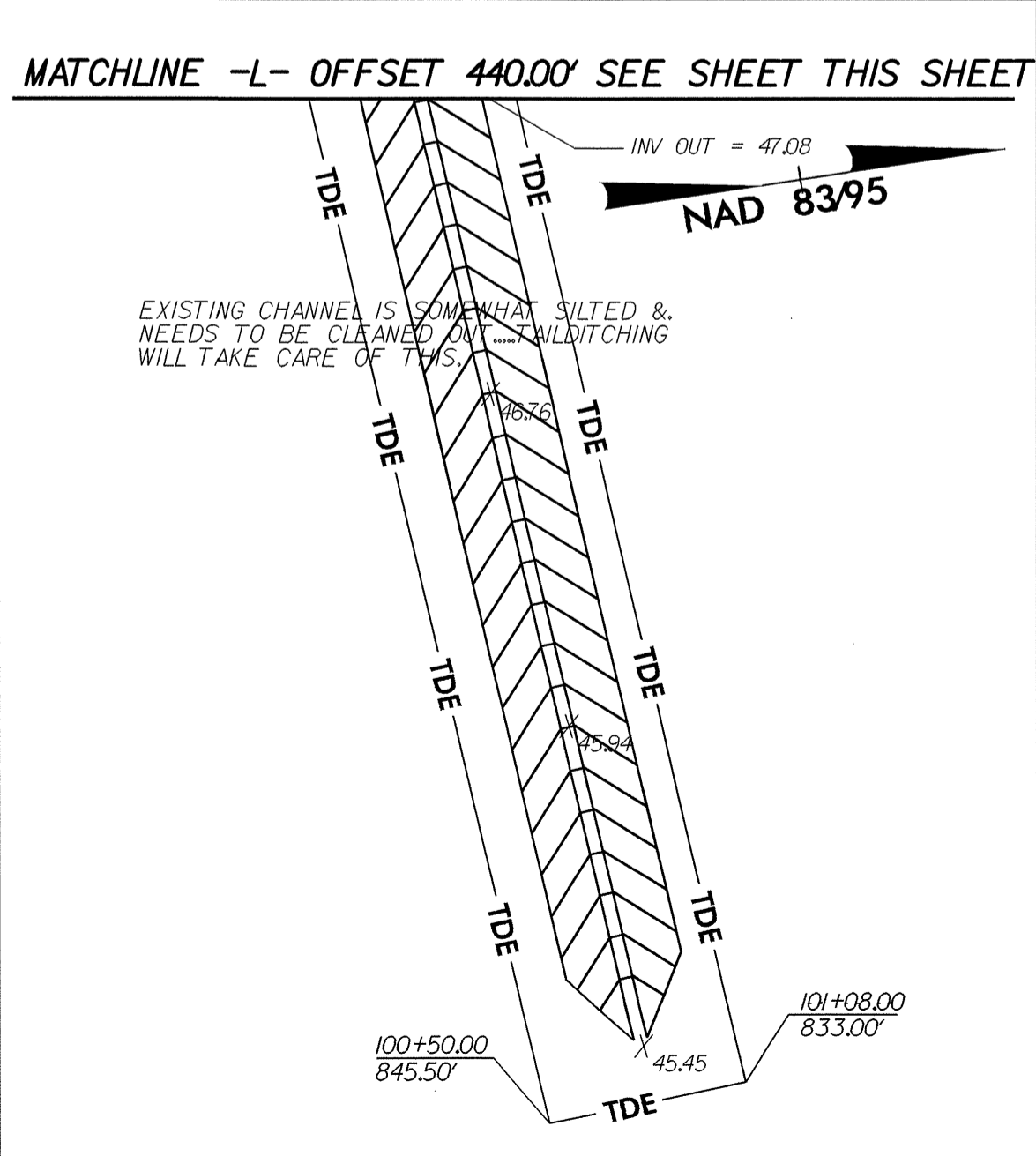
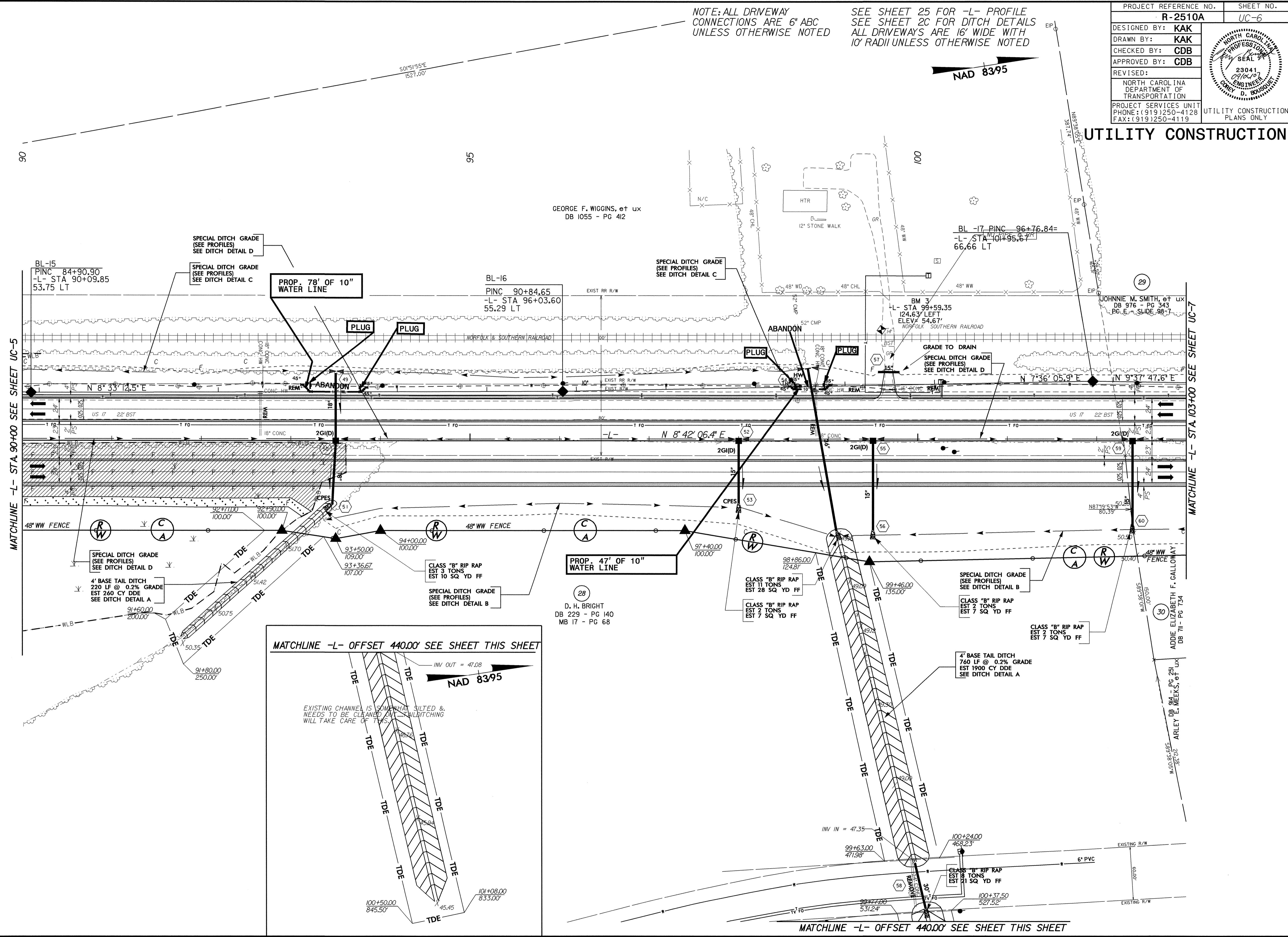
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5/14/99

NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 25 FOR -L- PROFILE SEE SHEET 2C FOR DITCH DETAILS ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

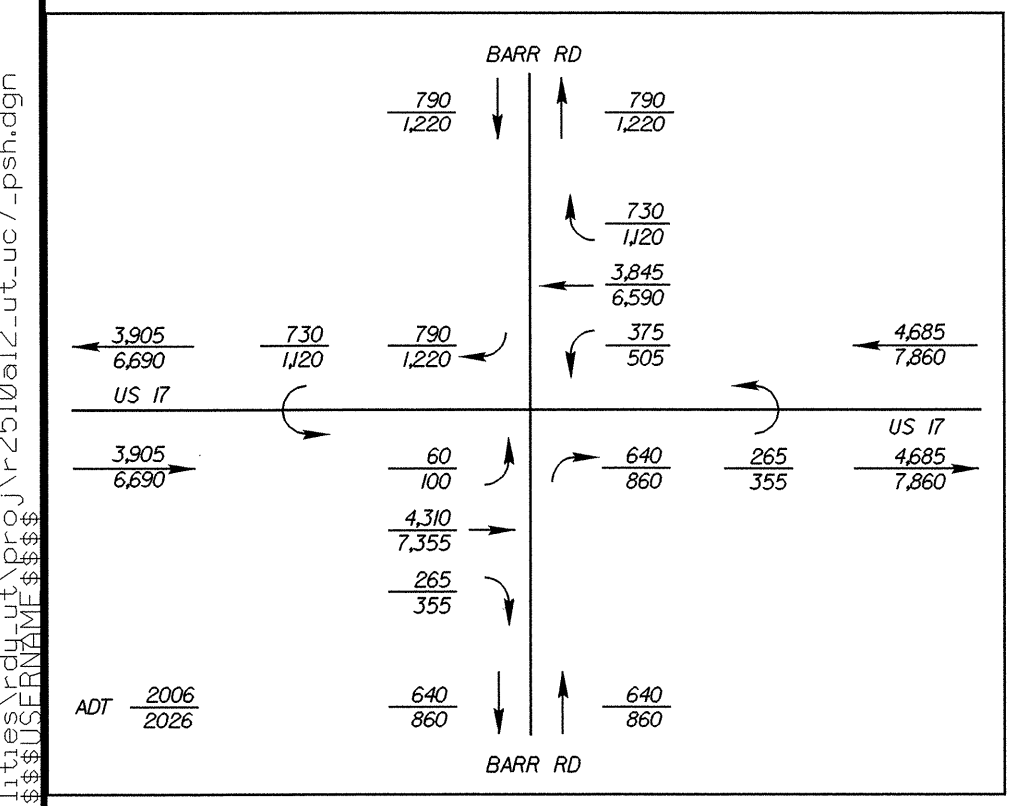
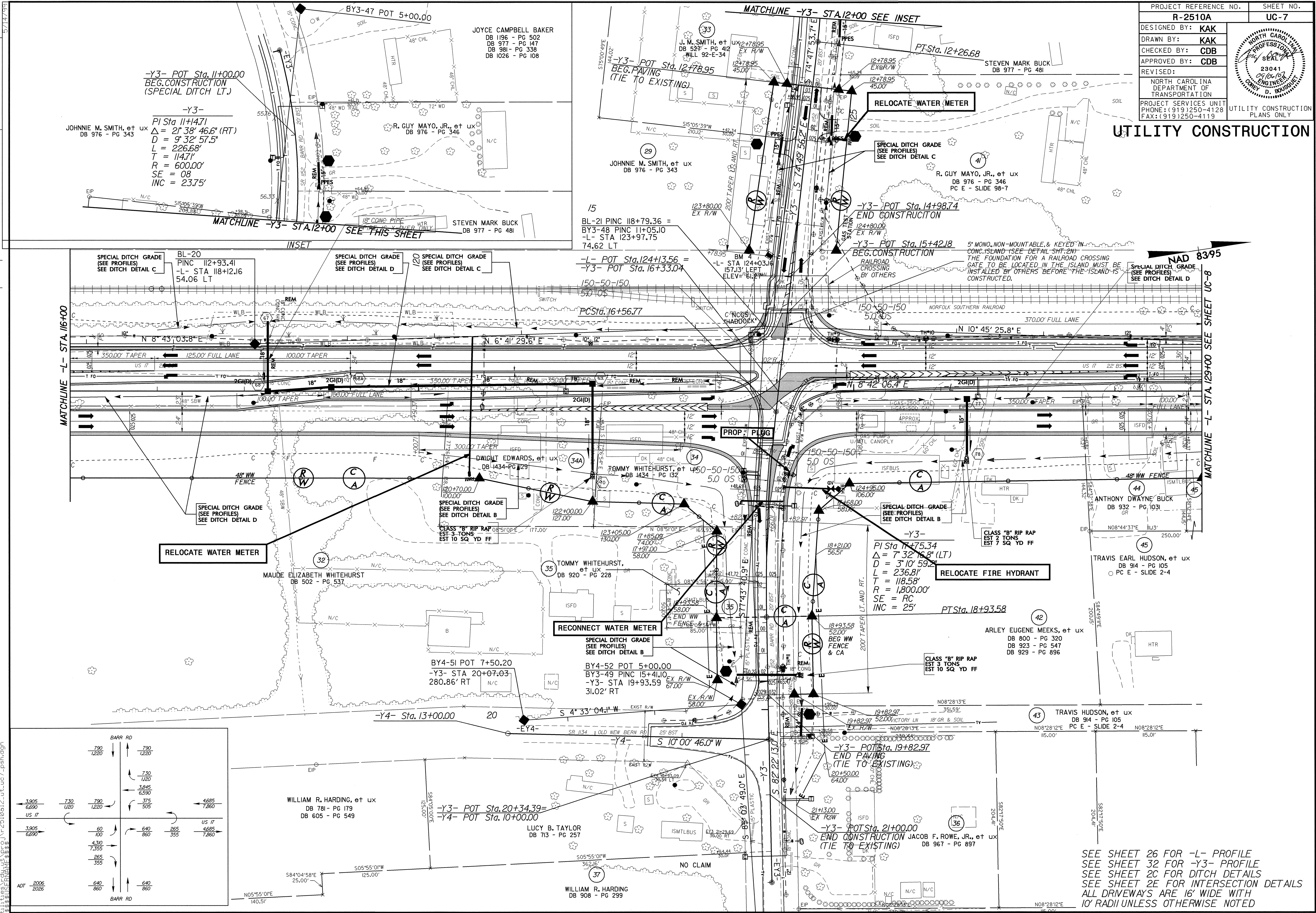
PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-6
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	



06-SEP-2007 10:02 r:\utilities\psh\dgn\proj\2510a10\ut-uc6\_psh.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-7
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: GDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

**UTILITY CONSTRUCTION**

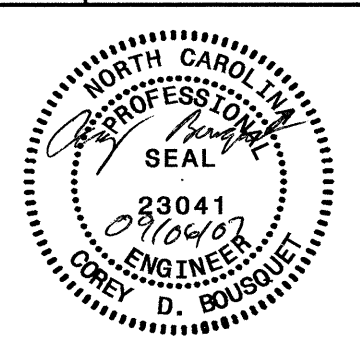


SEE SHEET 26 FOR -L- PROFILE  
 SEE SHEET 32 FOR -Y3- PROFILE  
 SEE SHEET 2C FOR DITCH DETAILS  
 SEE SHEET 2E FOR INTERSECTION DETAILS  
 ALL DRIVEWAYS ARE 16' WIDE WITH  
 10' RADII UNLESS OTHERWISE NOTED

06-SEP-2007 10:03 r:\utilities\chd\proj\2510a12.ut.uc7.psh.dgn  
 1-27-05 DRAINAGE REVISION-ADDED EASEMENTS PARCELS 32,34,35,36 & 42  
 5/14/03

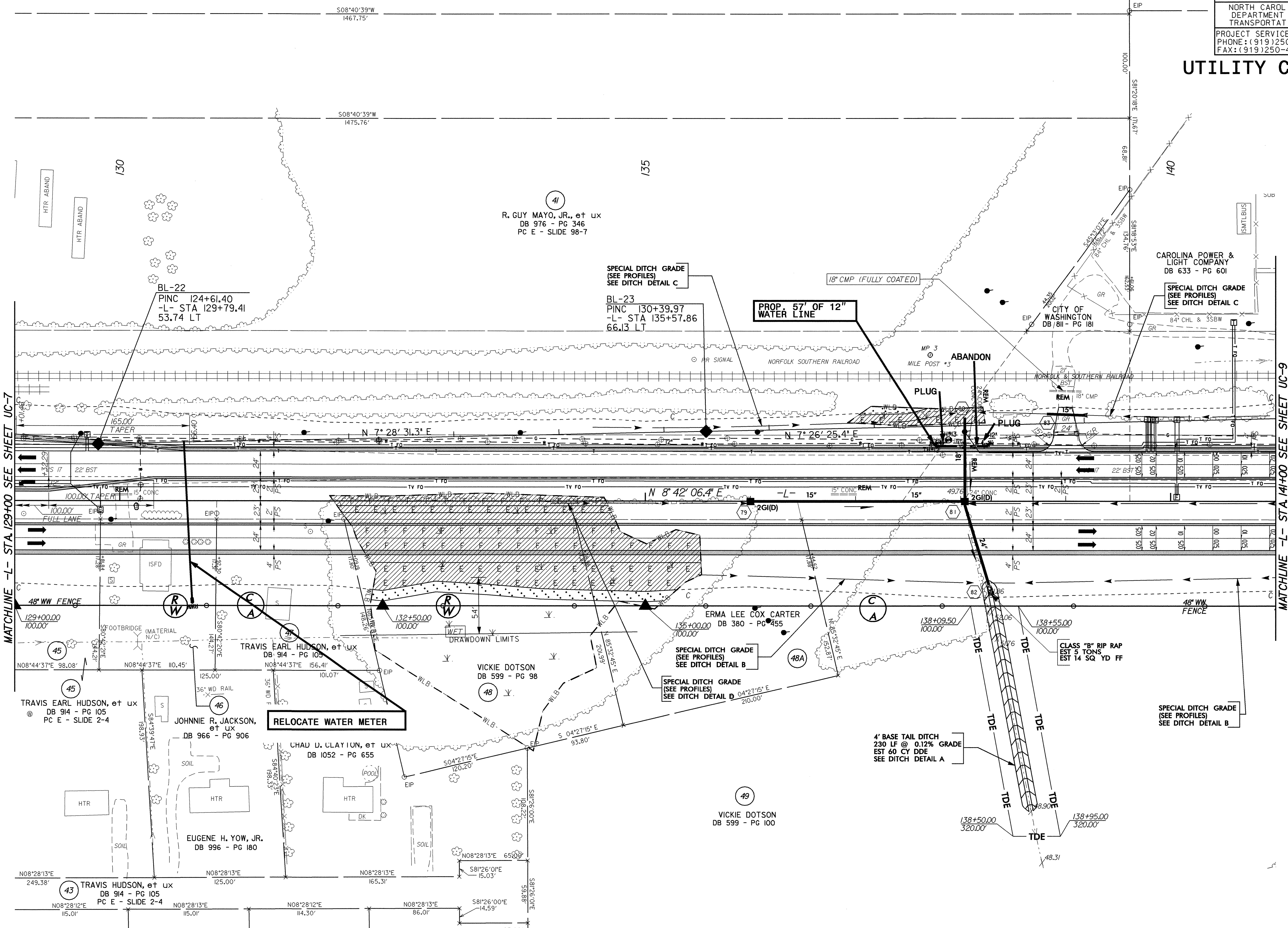
NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 27 FOR -L- PROFILE  
SEE SHEET 2C FOR DITCH DETAILS  
ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-8
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

# UTILITY CONSTRUCTION

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PROJECT: R-2510A UC-8





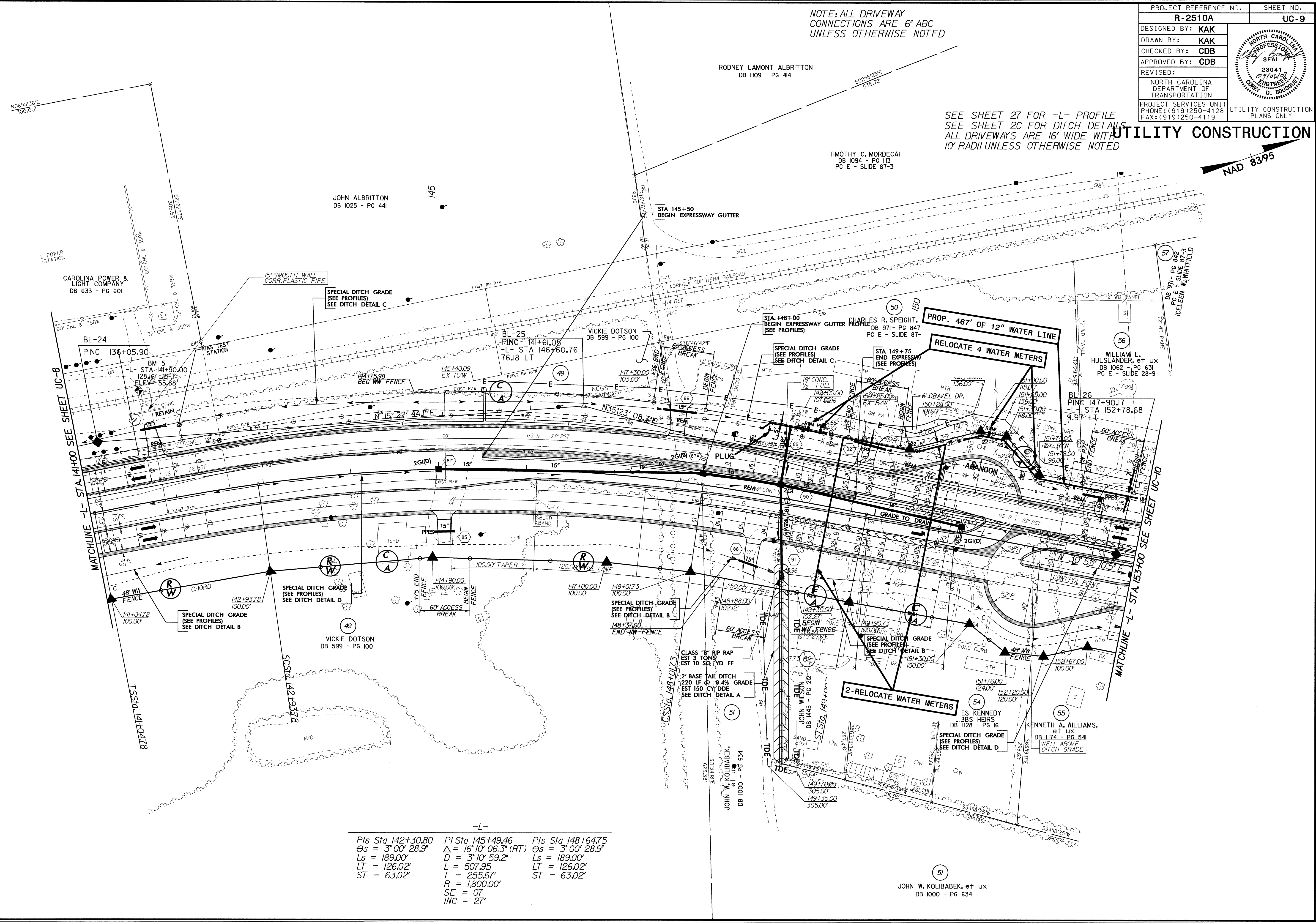
5/14/99

NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-9
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

SEE SHEET 27 FOR -L- PROFILE  
SEE SHEET 20 FOR DITCH DETAILS  
ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

NAD 8395

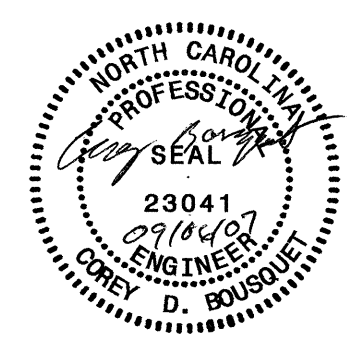


-L-

PIs Sta 142+30.80 Os = 3' 00' 28.9" Ls = 189.00' LT = 126.02' ST = 63.02'	PI Sta 145+49.46 Δ = 16' 10' 06.3" (RT) D = 3' 10' 59.2" L = 507.95' T = 255.67' R = 1,800.00' SE = 07' INC = 27'	PIs Sta 148+64.75 Os = 3' 00' 28.9" Ls = 189.00' LT = 126.02' ST = 63.02'
---	--	---

51  
JOHN W. KOLIBABEK, et ux  
DB 1000 - PG 634

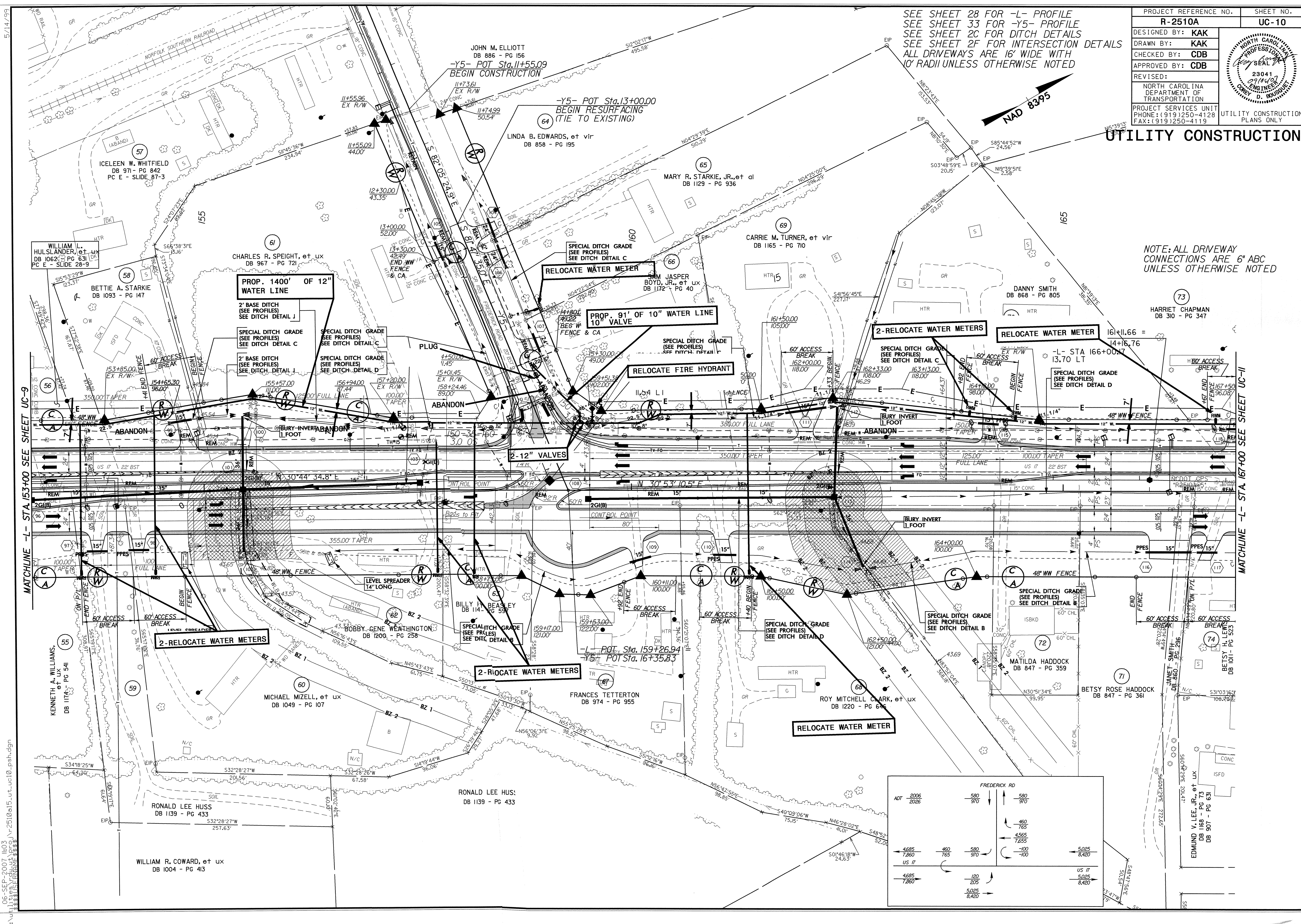
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SEE SHEET 28 FOR -L- PROFILE  
 SEE SHEET 33 FOR -Y5- PROFILE  
 SEE SHEET 2C FOR DITCH DETAILS  
 SEE SHEET 2F FOR INTERSECTION DETAILS  
 ALL DRIVEWAYS ARE 16' WIDE WITH  
 10' RADII UNLESS OTHERWISE NOTED

**UTILITY CONSTRUCTION**

NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED



MATCHLINE -L- STA 153+00 SEE SHEET UC-9

MATCHLINE -L- STA 167+00 SEE SHEET UC-11

FREDERICK RD

ADT 2006	580	580
2026	370	370
	460	460
	765	765
	465	465
	765	765
	100	100
	5025	5025
	8,420	8,420
US 17		
	120	120
	205	205
	5025	5025
	8,420	8,420
US 17		
	5025	5025
	8,420	8,420

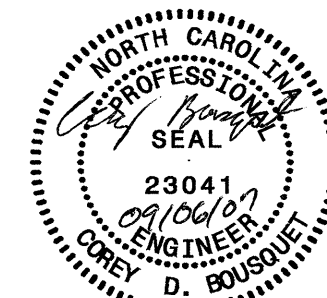
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 \$\$\$\$UTILITY PLAN\$\$\$\$

4-11-05 REMOVED CONSTRUCTION EASEMENT PARCEL 91

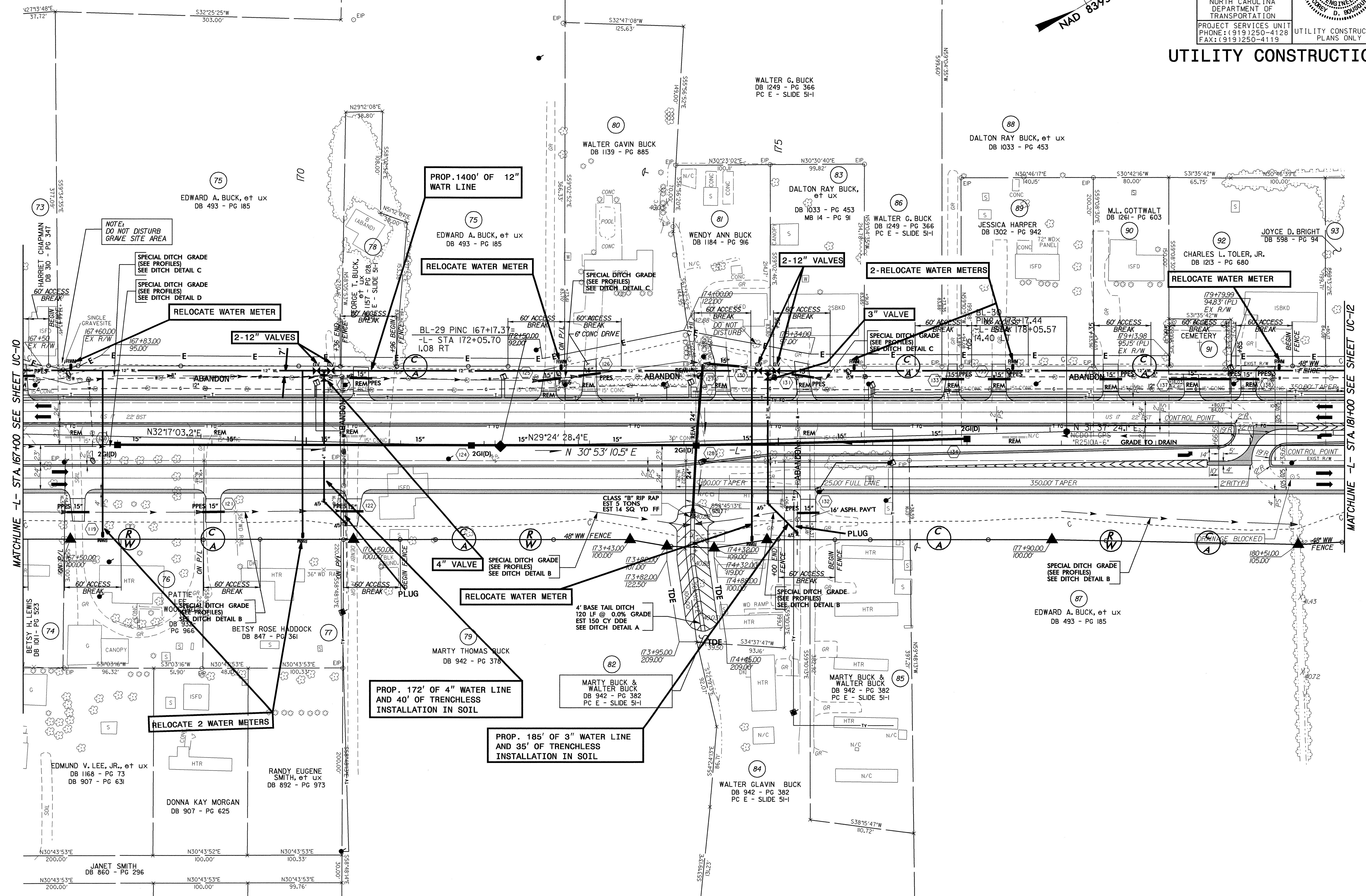
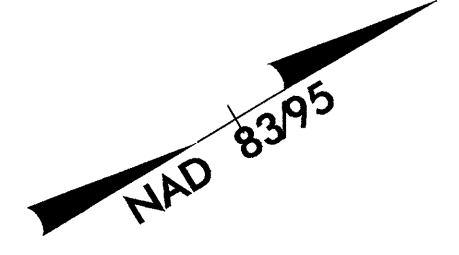
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NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 28 FOR -L- PROFILE  
SEE SHEET 2C FOR DITCH DETAILS  
ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-11
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

# UTILITY CONSTRUCTION



MATCHLINE -L- STA 167+00 SEE SHEET UC-10

MATCHLINE -L- STA 181+00 SEE SHEET UC-12

PROP. 172' OF 4" WATER LINE AND 40' OF TRENCHLESS INSTALLATION IN SOIL

PROP. 185' OF 3" WATER LINE AND 35' OF TRENCHLESS INSTALLATION IN SOIL

PROP. 1400' OF 12" WATR LINE

NOTE: DO NOT DISTURB GRAVE SITE AREA

SPECIAL DITCH GRADE (SEE PROFILES) SEE DITCH DETAIL C  
SPECIAL DITCH GRADE (SEE PROFILES) SEE DITCH DETAIL D

MARTY BUCK & WALTER BUCK  
DB 942 - PG 382  
PC E - SLIDE 5I-1

MARTY BUCK & WALTER BUCK  
DB 942 - PG 382  
PC E - SLIDE 5I-1

MARTY BUCK & WALTER BUCK  
DB 942 - PG 382  
PC E - SLIDE 5I-1

WALTER GLAVIN BUCK  
DB 942 - PG 382  
PC E - SLIDE 5I-1

MARTY THOMAS BUCK  
DB 942 - PG 378

DONNA KAY MORGAN  
DB 907 - PG 625

EDMUND V. LEE, JR., et ux  
DB 1168 - PG 73  
DB 907 - PG 631

RANDY EUGENE SMITH, et ux  
DB 892 - PG 973

JANET SMITH  
DB 860 - PG 296

DONNA KAY MORGAN  
DB 907 - PG 625

BETSY ROSE HADDOCK  
DB 847 - PG 361

BETSY H. LEWIS  
DB 011 - PG 523

PATTIE GRAY  
WOODS  
DB 833 - PG 966

60' ACCESS BREAK

60' ACCESS BREAK

60' ACCESS BREAK

60' ACCESS BREAK

60' ACCESS BREAK

60' ACCESS BREAK

60' ACCESS BREAK

60' ACCESS BREAK

60' ACCESS BREAK

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60' ACCESS BREAK

5/14/99

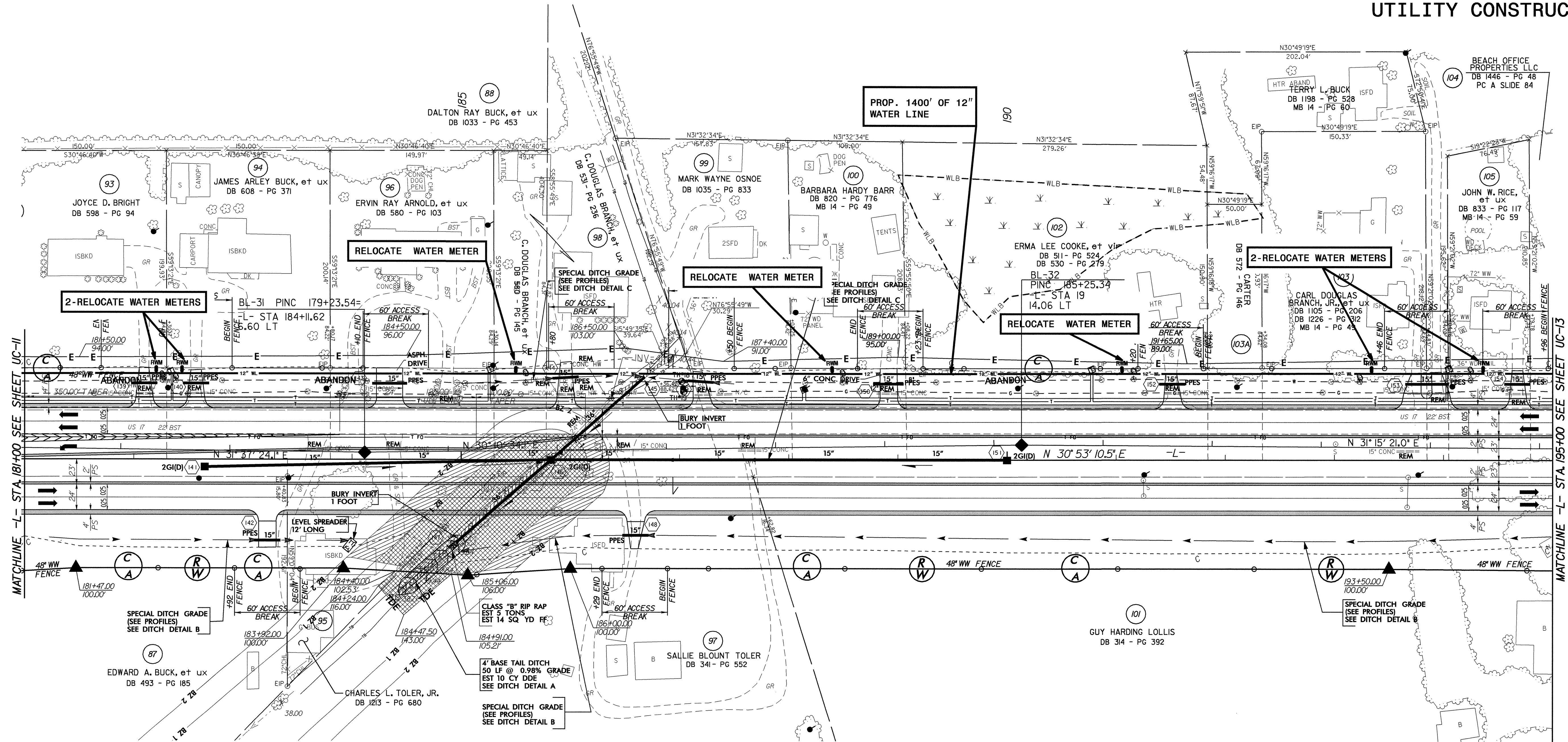
NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 29 FOR -L- PROFILE SEE SHEET 20 FOR DITCH DETAILS ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED



PROJECT REFERENCE NO.	SHEET NO.
<b>R-2510A</b>	<b>UC-12</b>
DESIGNED BY: <b>KAK</b>	
DRAWN BY: <b>KAK</b>	
CHECKED BY: <b>CDB</b>	
APPROVED BY: <b>CDB</b>	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919)250-4128 FAX: (919)250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

# UTILITY CONSTRUCTION

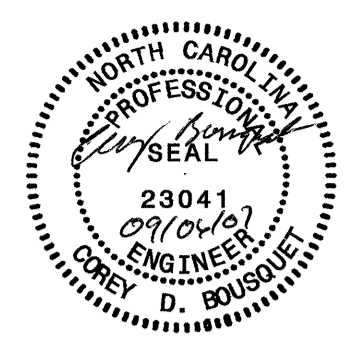


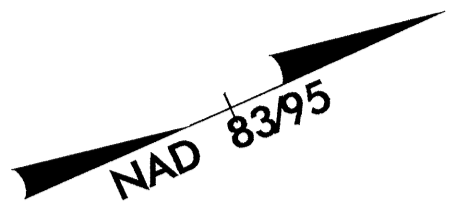
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5/14/09

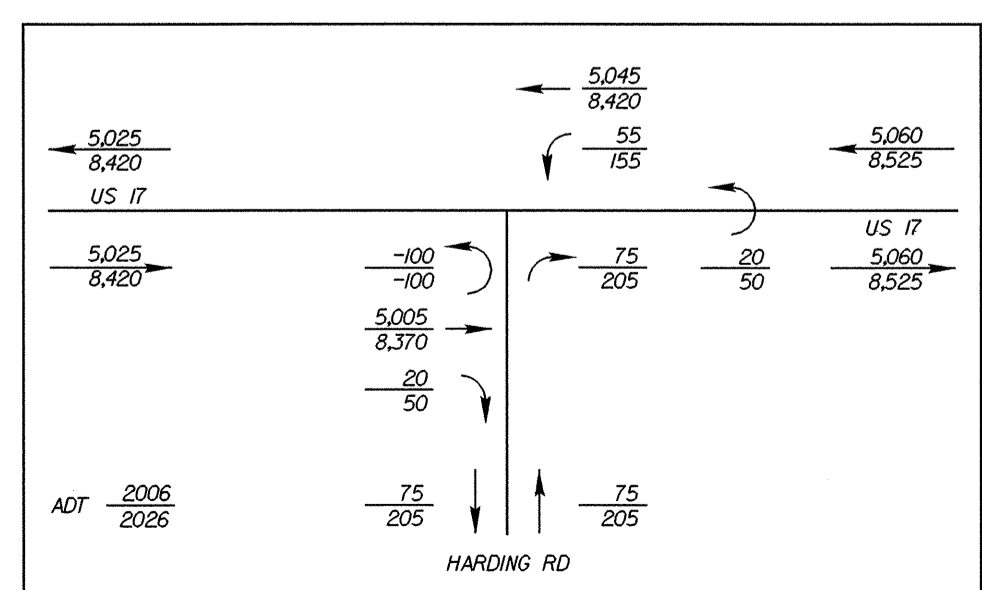
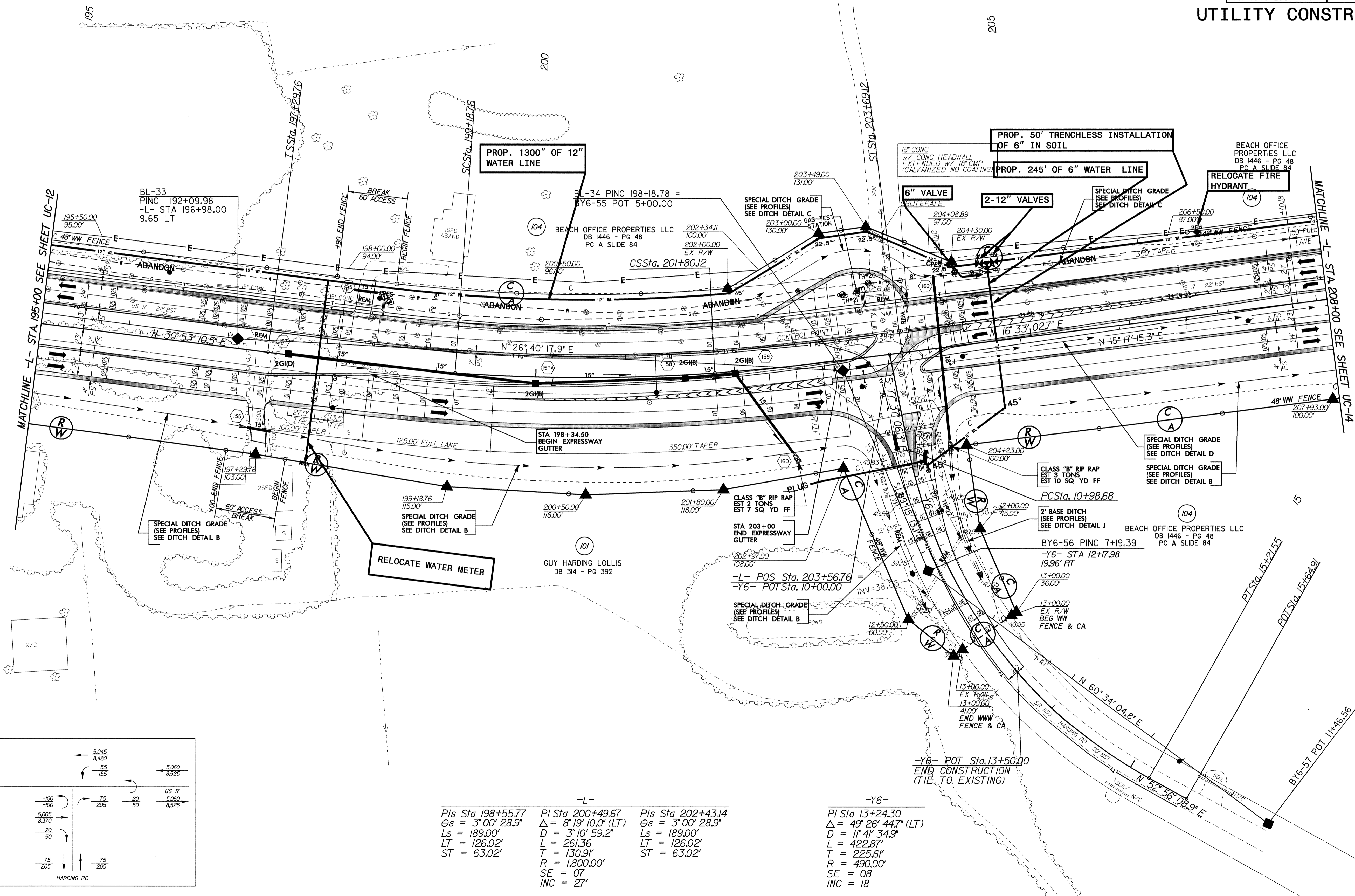
NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 29 FOR -L- PROFILE  
SEE SHEET 33 FOR -Y6- PROFILE  
SEE SHEET 2C FOR DITCH DETAILS  
SEE SHEET 2F FOR INTERSECTION DETAILS  
ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO.	R-2510A	SHEET NO.	UC-13
DESIGNED BY:	KAK		
DRAWN BY:	KAK		
CHECKED BY:	CDB		
APPROVED BY:	CDB		
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		UTILITY CONSTRUCTION PLANS ONLY	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119			



# UTILITY CONSTRUCTION

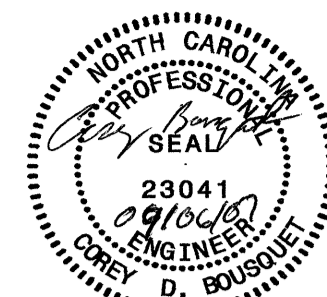


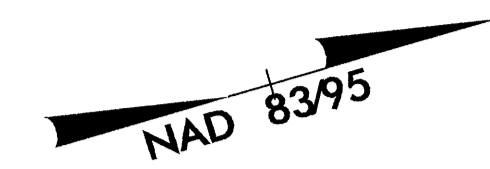
-L-			-Y6-		
PI Sta 198+55.77	PI Sta 200+49.67	PI Sta 202+43.14	PI Sta 13+24.30		
$\Delta s = 3^{\circ}00'28.9''$	$\Delta = 8^{\circ}19'10.0''$ (LT)	$\Delta s = 3^{\circ}00'28.9''$	$\Delta = 49^{\circ}26'44.7''$ (LT)		
$L_s = 189.00'$	$D = 3^{\circ}10'59.2''$	$L_s = 189.00'$	$D = 11^{\circ}41'34.9''$		
$LT = 126.02'$	$L = 261.36'$	$L = 422.87'$	$L = 225.61'$		
$ST = 63.02'$	$T = 130.91'$	$T = 225.61'$	$R = 490.00'$		
	$R = 1,800.00'$	$R = 490.00'$	$SE = 08$		
	$SE = 07$	$INC = 18$			
	$INC = 27'$				

06-SEP-2007 14:03  
r:\utility\2510a\18-ut-uc13-psh.dgn

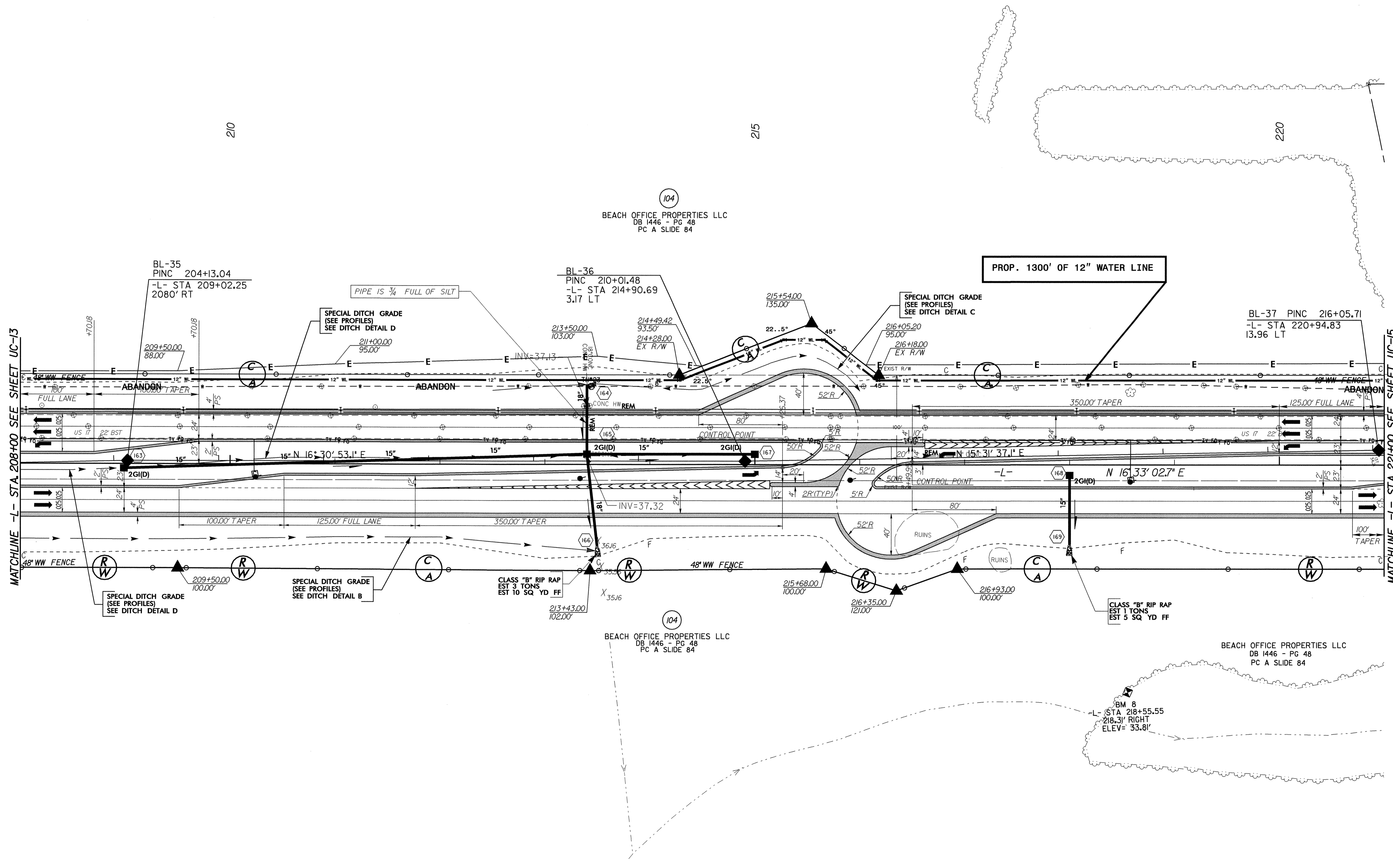
NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC UNLESS OTHERWISE NOTED

SEE SHEET 30 FOR -L- PROFILE  
SEE SHEET 2C FOR DITCH DETAILS  
ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-14
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	



UTILITY CONSTRUCTION



MATCHLINE -L- STA 208+00 SEE SHEET UC-13

MATCHLINE -L- STA 222+00 SEE SHEET UC-15

5/14/99  
06-SEP-2007 11:04  
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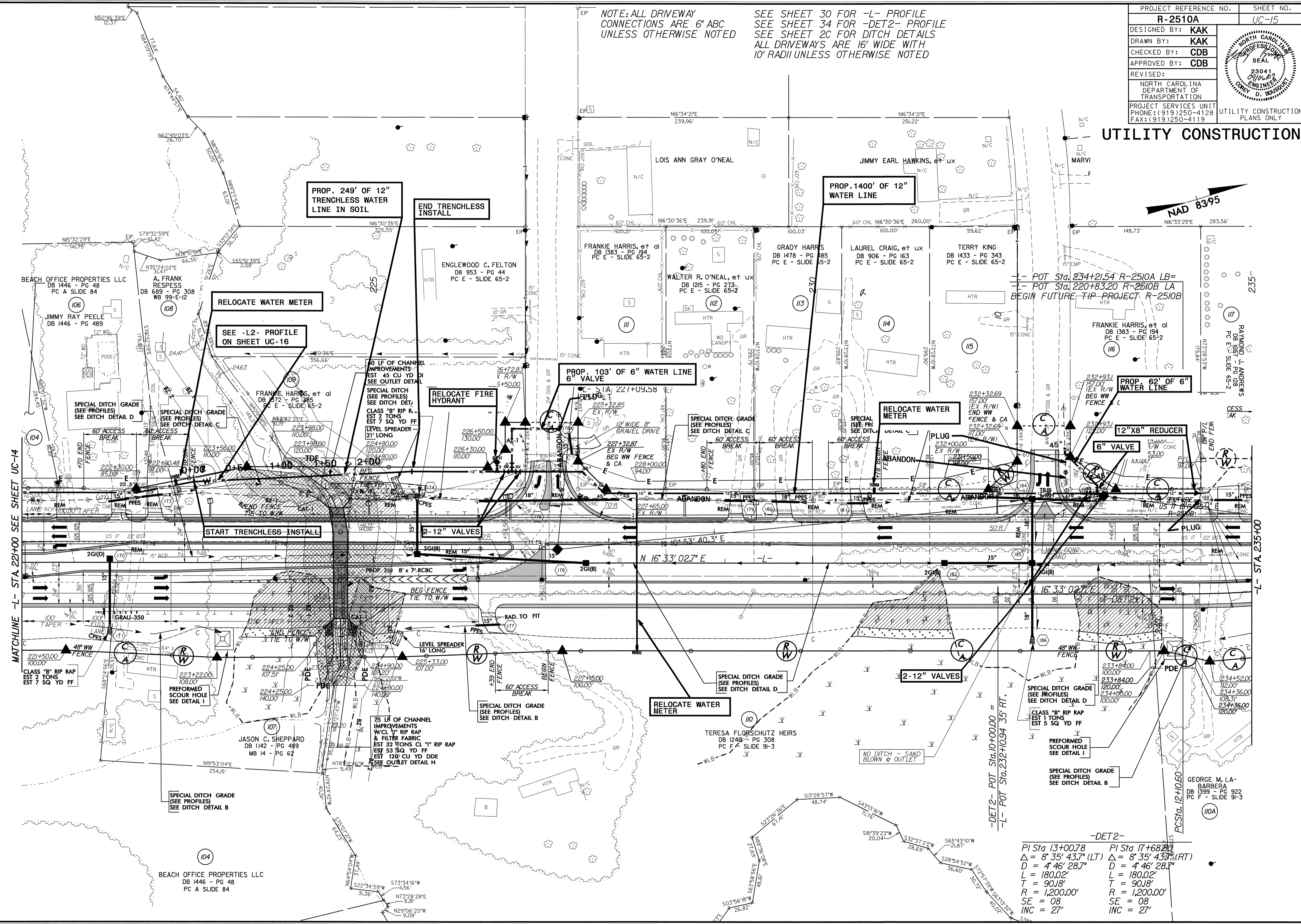
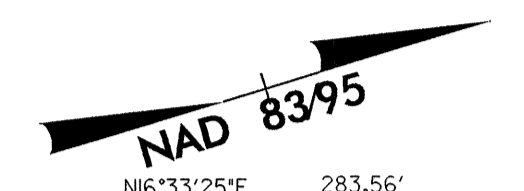
4-11-05 DRAINAGE REVISION PARCELS 110 & 116  
 3-28-05 WETLAND REVISION PARCEL 109  
 1-27-05 DRAINAGE REVISION STRUCTURE 7476

5/14/09

NOTE: ALL DRIVEWAY CONNECTIONS ARE 6" ABC  
 UNLESS OTHERWISE NOTED  
 SEE SHEET 30 FOR -L- PROFILE  
 SEE SHEET 34 FOR -DET2- PROFILE  
 SEE SHEET 20 FOR DITCH DETAILS  
 ALL DRIVEWAYS ARE 16' WIDE WITH  
 10' RADII UNLESS OTHERWISE NOTED

PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-15
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION



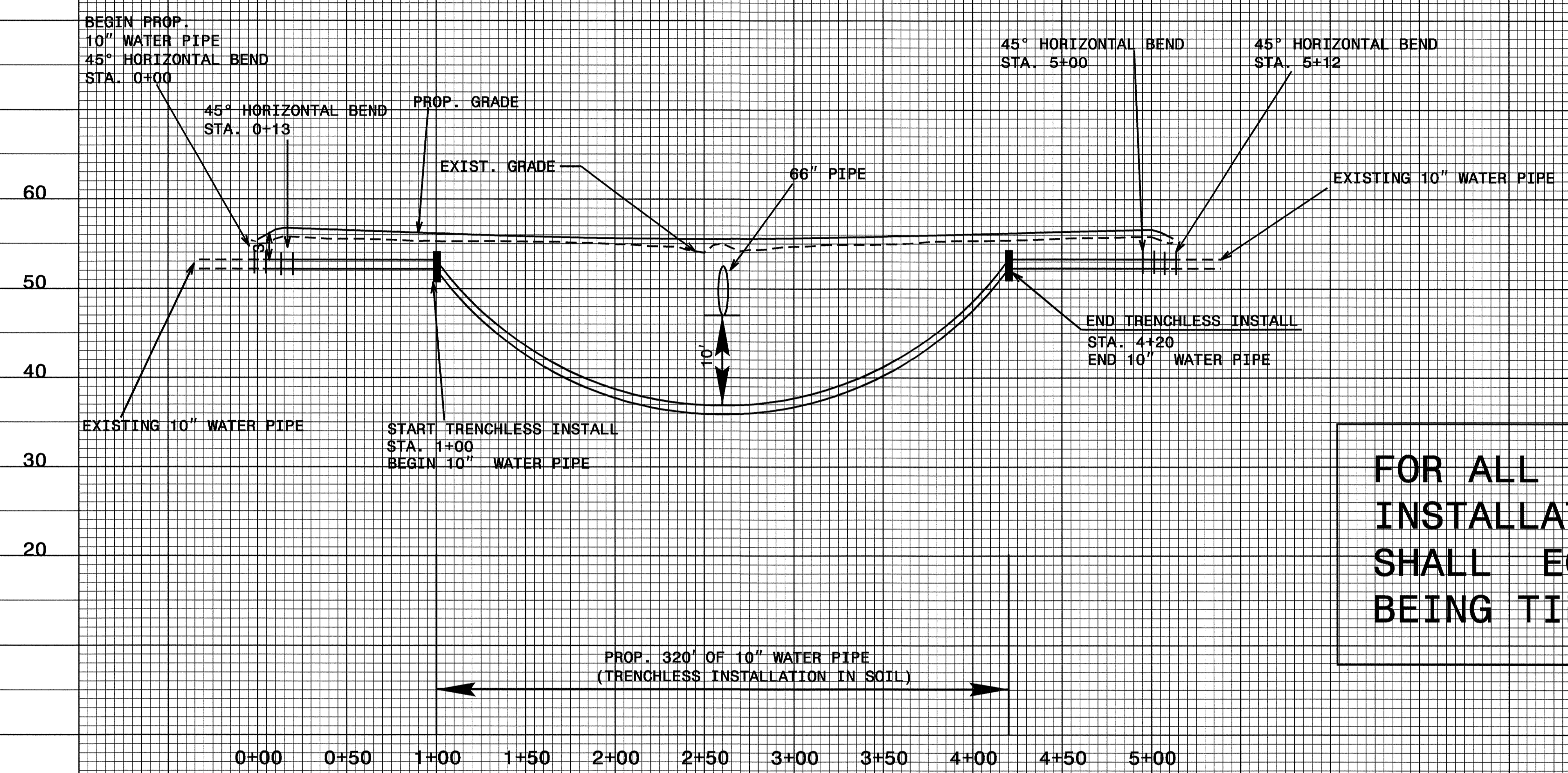
-DET2-	
PI Sta 13+00.78	PI Sta 17+68.80
$\Delta = 8' 35" 43.7"$ (LT)	$\Delta = 8' 35" 43.7"$ (RT)
D = 4' 46" 28.7"	D = 4' 46" 28.7"
L = 180.02'	L = 180.02'
T = 90.18'	T = 90.18'
R = 1,200.00'	R = 1,200.00'
SE = 08	SE = 08
INC = 27'	INC = 27'

06-SEP-2007 11:04  
 R:\projects\2510a\20\_uc15\_psh.dgn  
 KAK

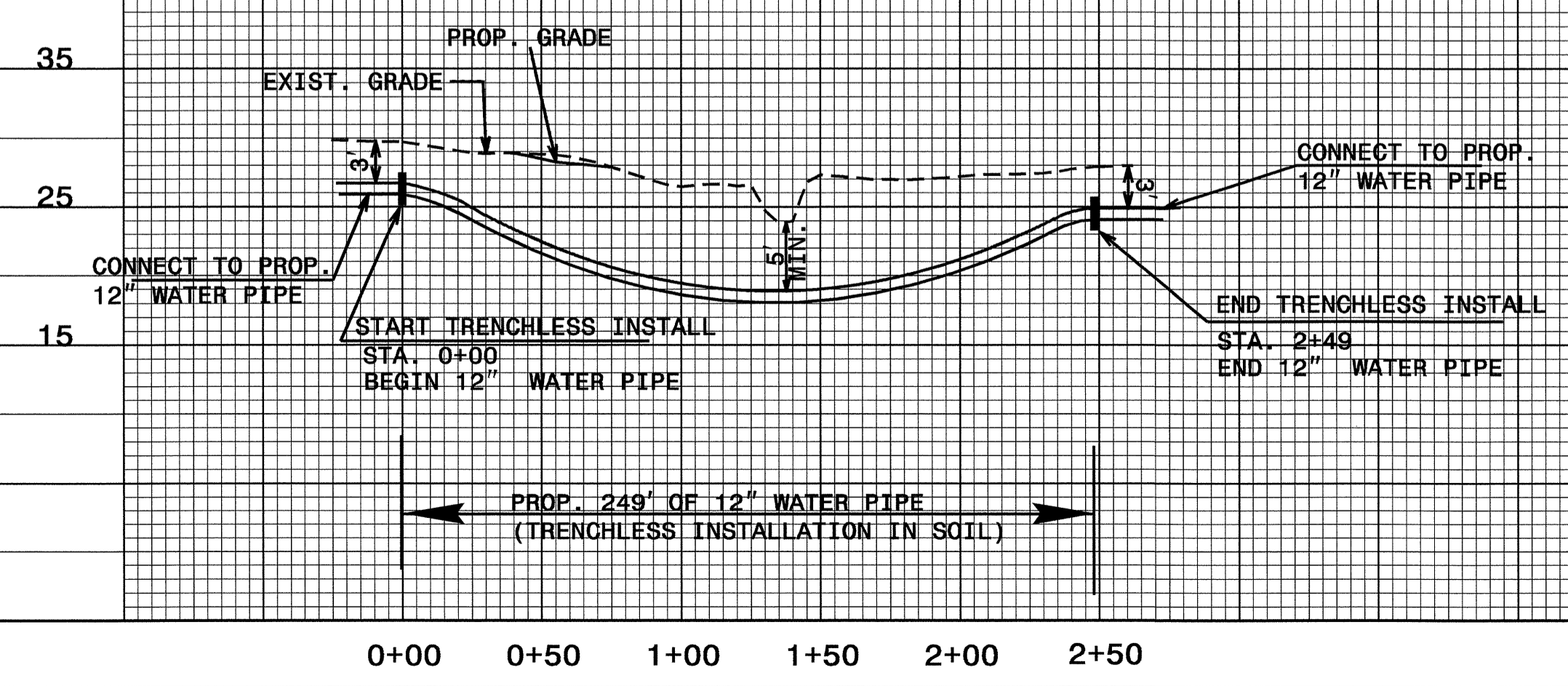
5/14/99

PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-16
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION PROJECT SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

# UTILITY CONSTRUCTION



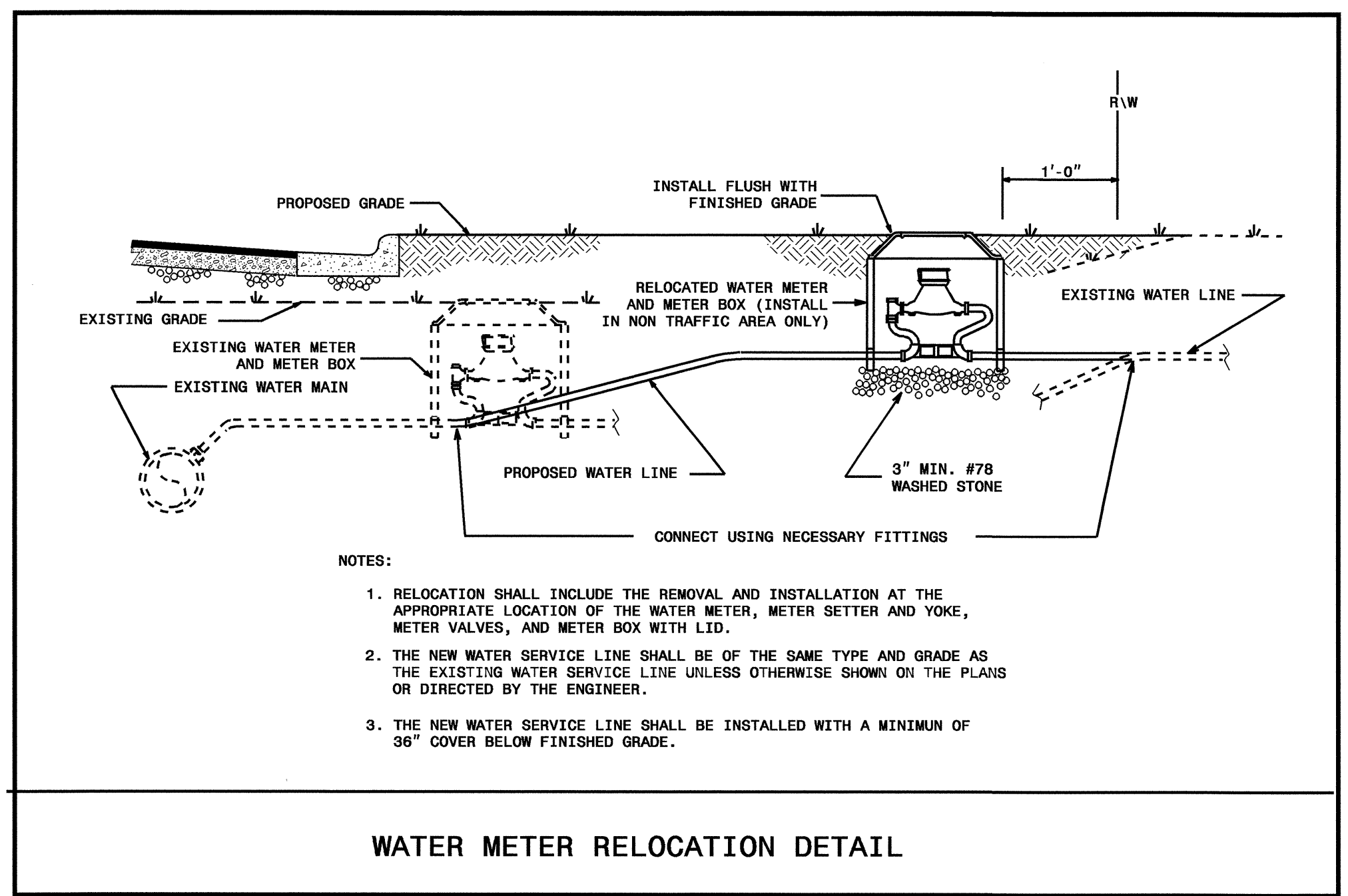
**FOR ALL HDPE, SDR 9 TRENCHLESS INSTALLATION, THE INSIDE DIAMETER SHALL EQUAL THE SIZE OF THE PIPE BEING TIED INTO.**



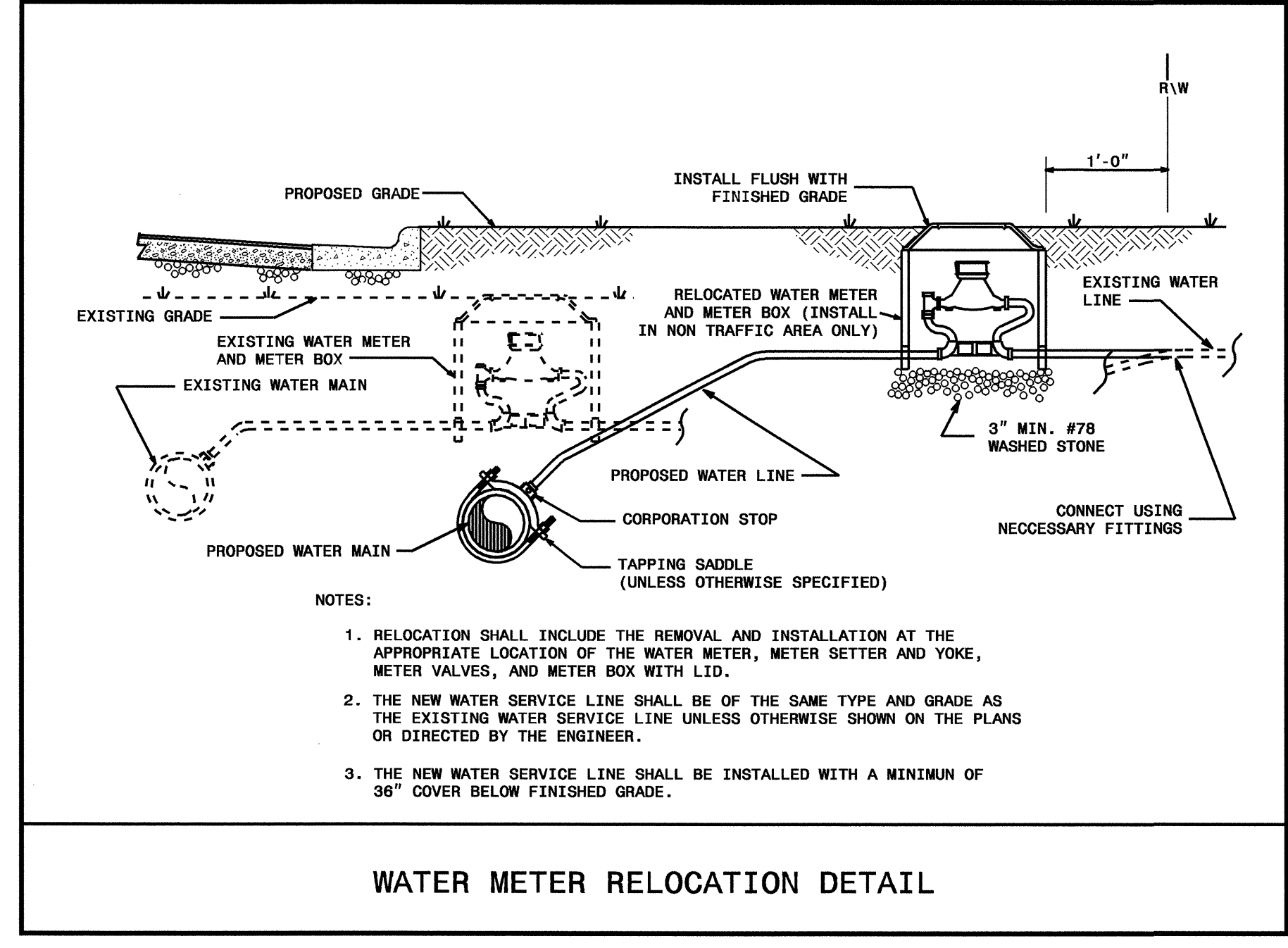
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 USER:RAM



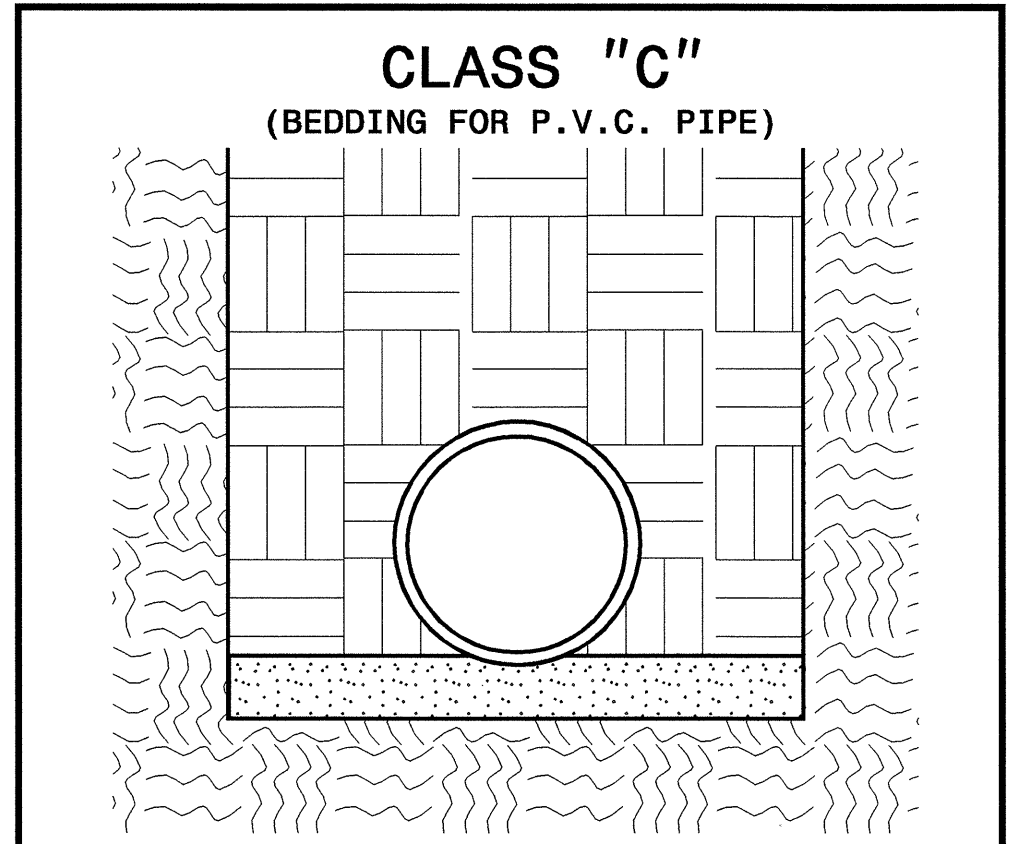
### UTILITY CONSTRUCTION



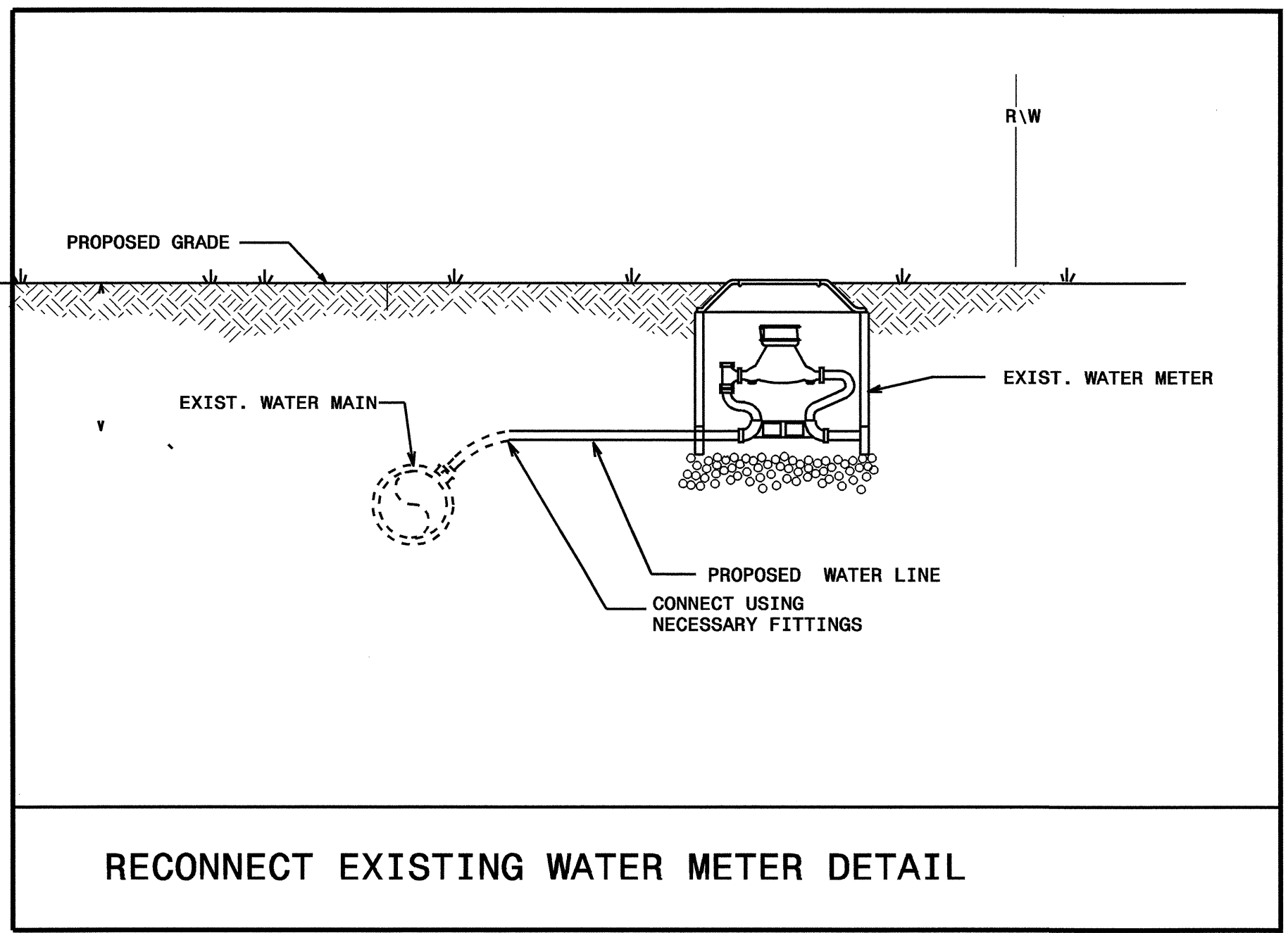
WATER METER RELOCATION DETAIL



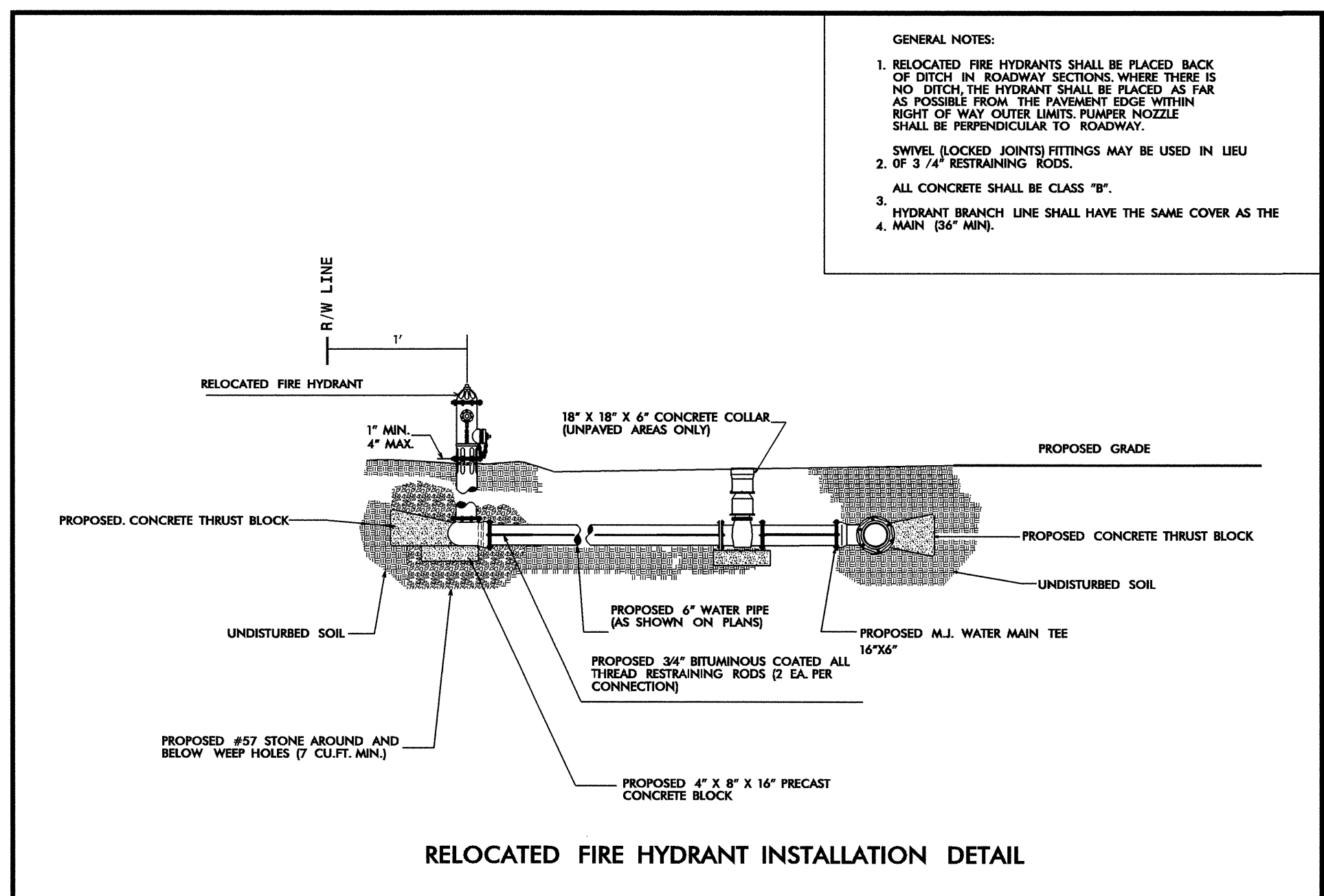
WATER METER RELOCATION DETAIL



PIPE BEDDED IN LOOSE MATERIAL, LIGHTLY TAMPED WITH A MINIMUM OF 6" UNDER PIPE. TRENCH BACKFILLED IN LOOSE 6" LAYERS COMPACTED TO TOP OF TRENCH USING LOCAL EXCAVATED MATERIAL, IF APPROVED BY THE ENGINEER, OR SELECT MATERIAL. ALL 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.



RECONNECT EXISTING WATER METER DETAIL



RELOCATED FIRE HYDRANT INSTALLATION DETAIL

MAXIMUM TRENCH WIDTH AT TOP OF PIPE			
NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)	NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)
4	28	20	44
6	30	24	48
8	32	30	54
10	34	36	60
12	36	42	66
14	38	48	72
16	40	54	78
18	42		

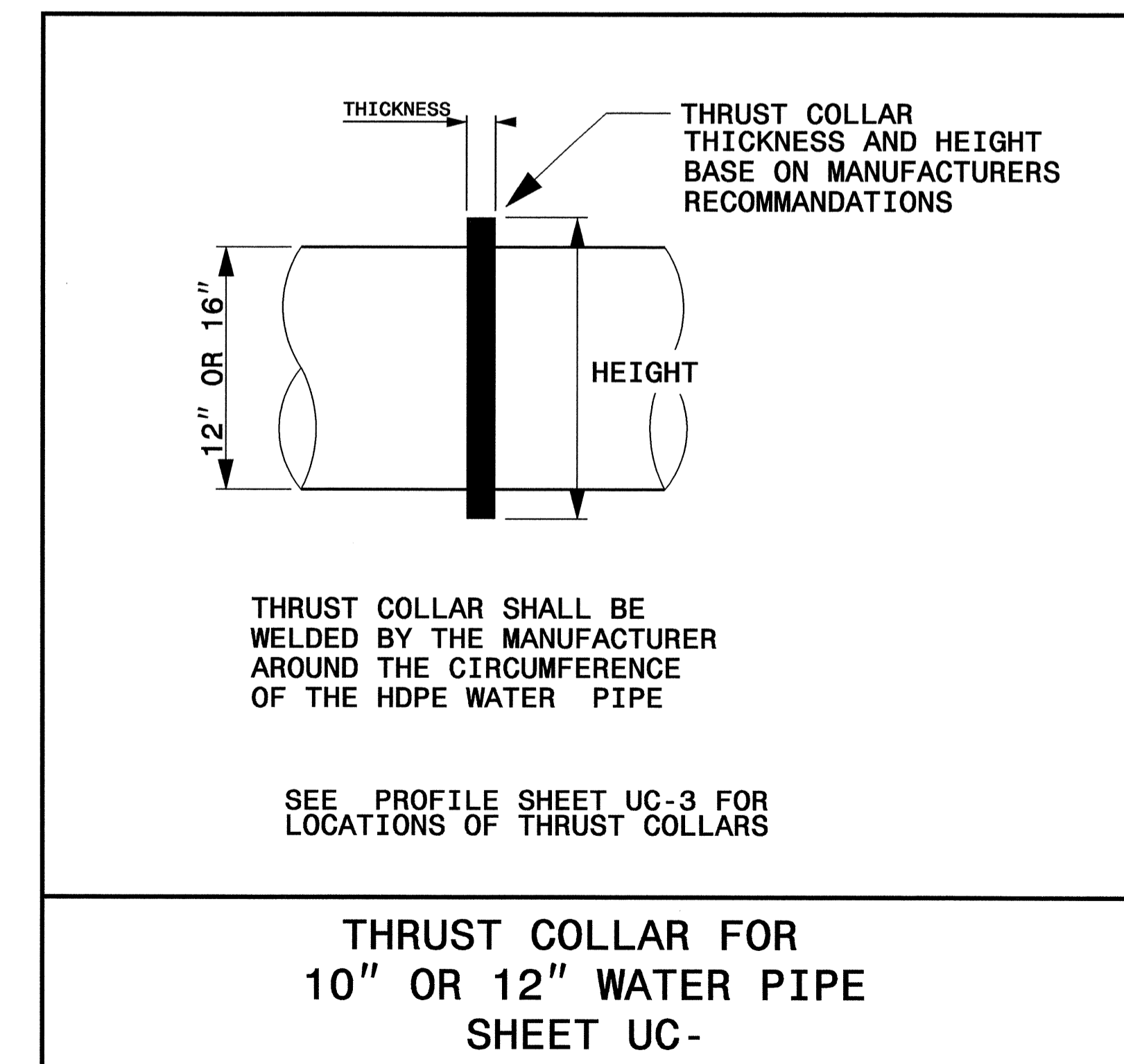
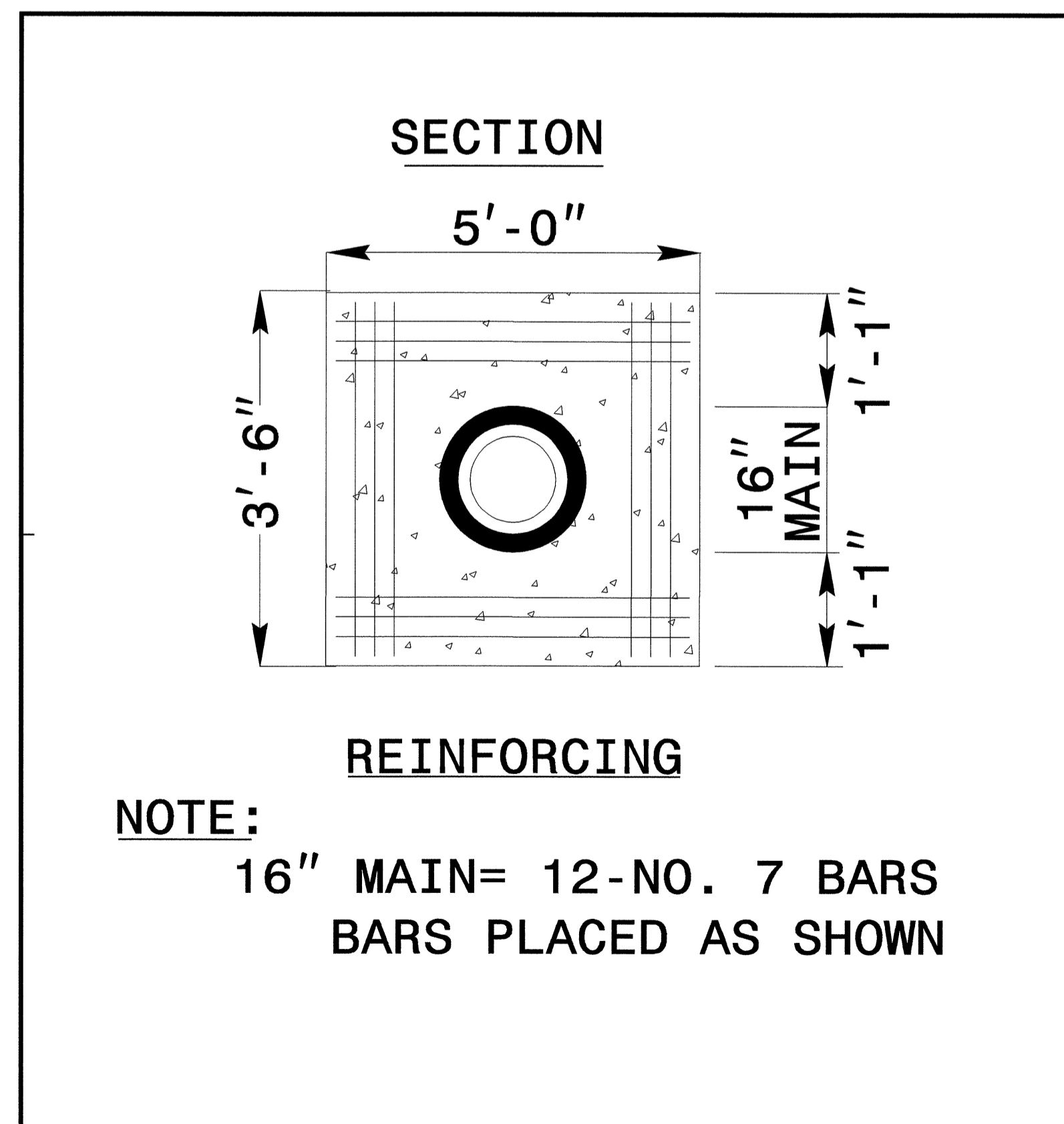
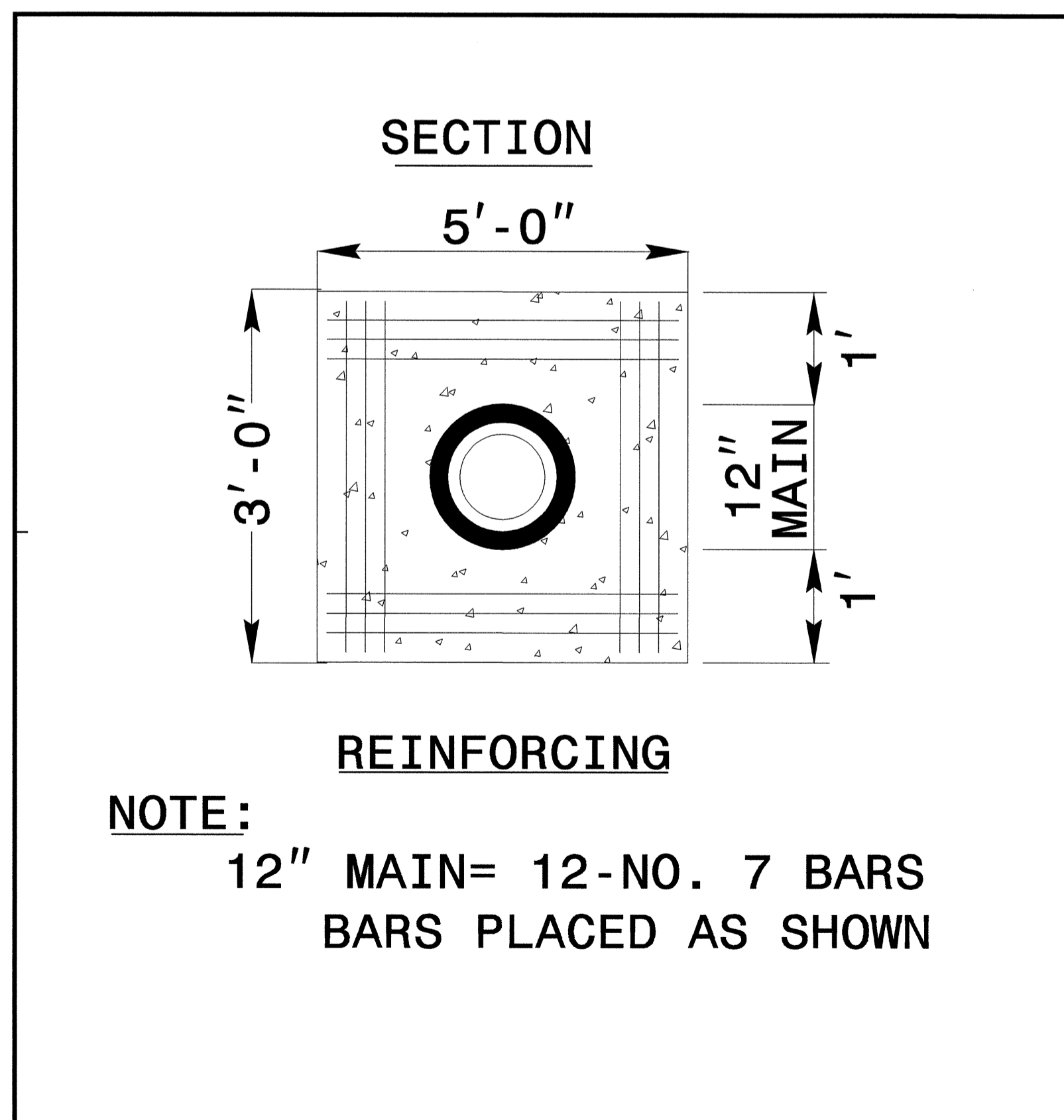
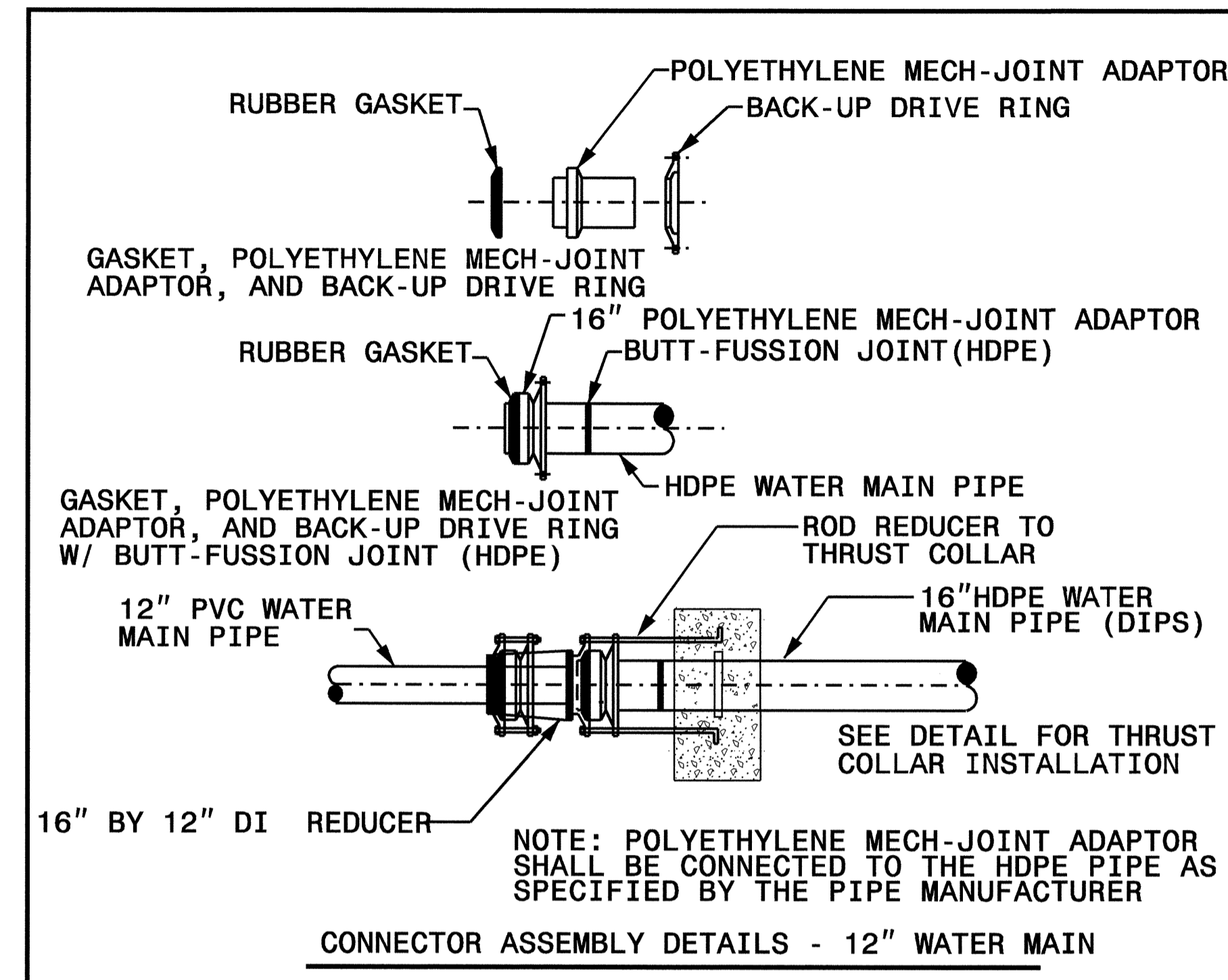
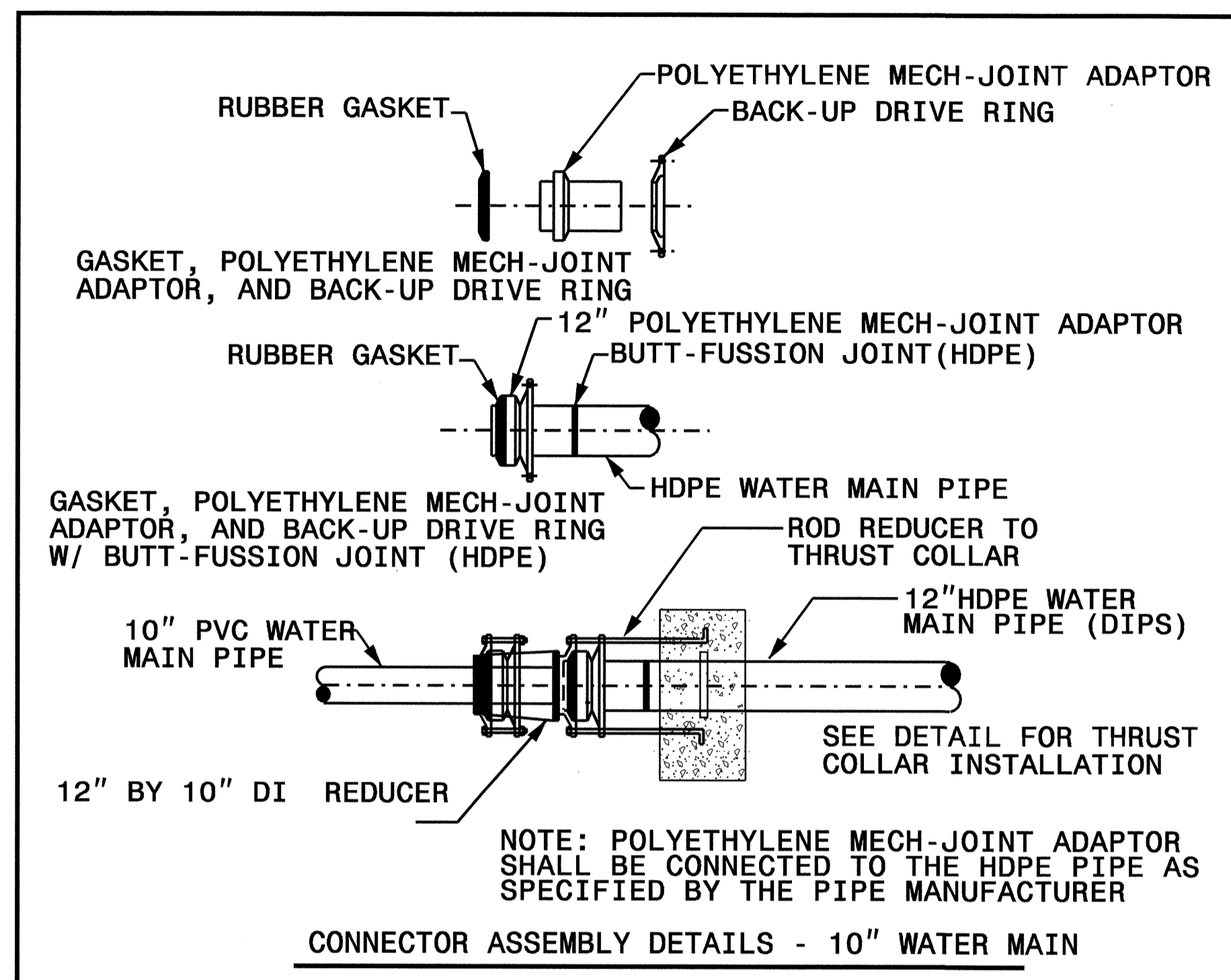
06-SEP-2007 08:51 r:\utility\res\nc\ut\proj\2510a\_ut\_det\uc17.dgn

8/17/99

# DETAIL FOR HDPE TRENCHLESS INSTALLATION

PROJECT REFERENCE NO.	SHEET NO.
R-2510A	UC-18
DESIGNED BY: KAK	
DRAWN BY: KAK	
CHECKED BY: CDB	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
DESIGN SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

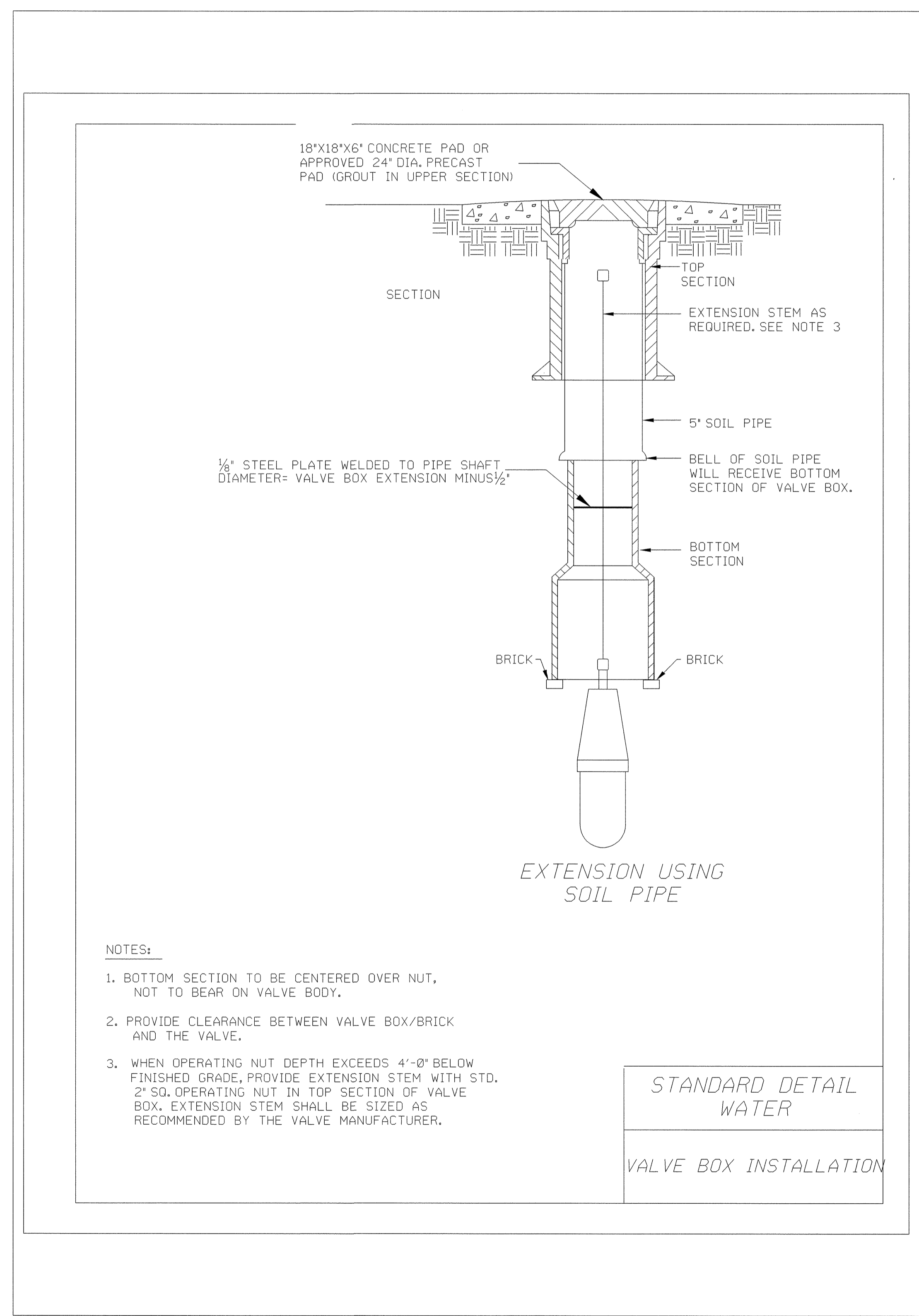
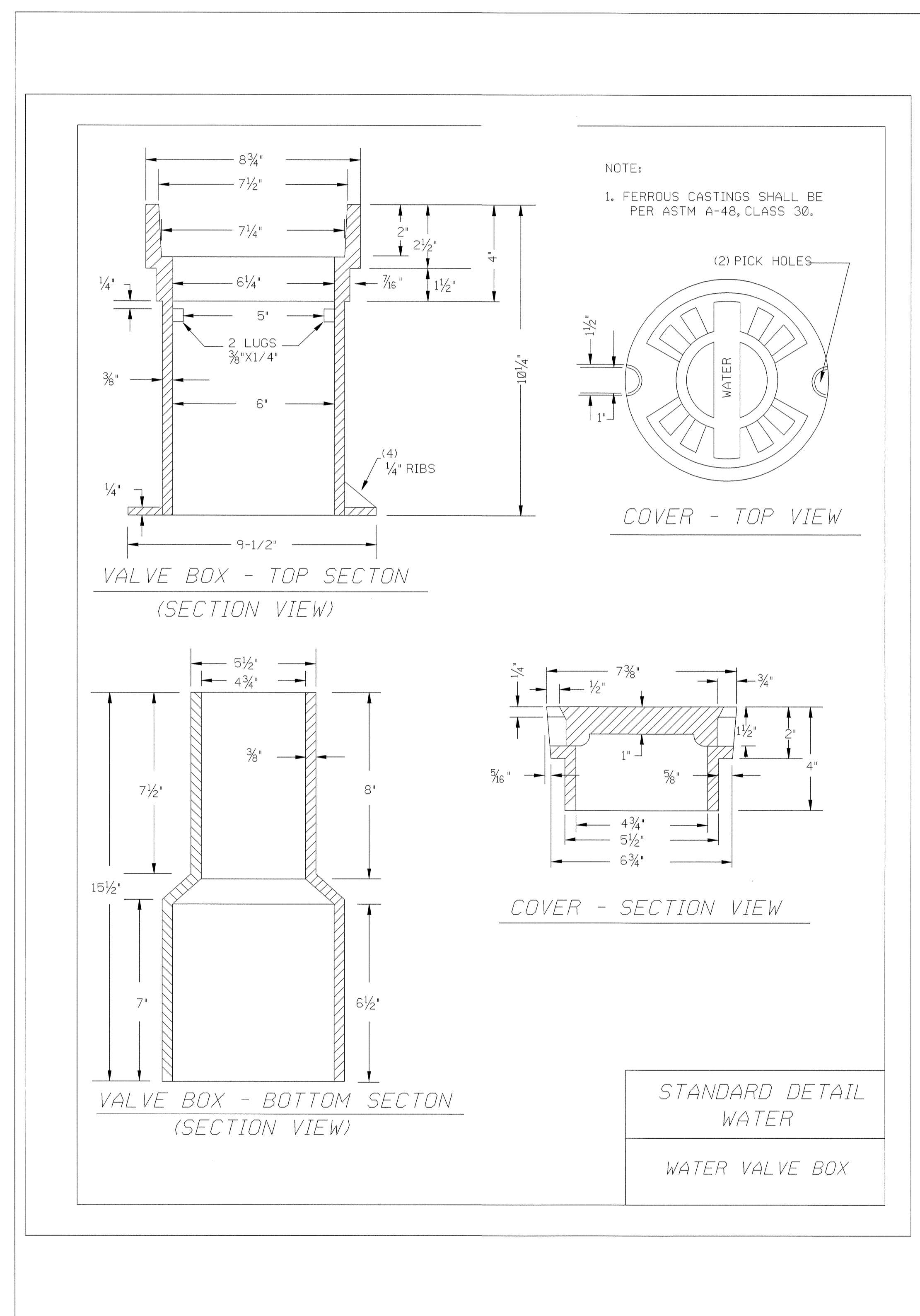
## UTILITY CONSTRUCTION



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USER:ENR\GARY

PROJECT REFERENCE NO.	SHEET NO.
<b>R-2510A</b>	<b>UC-19</b>
DESIGNED BY: <b>KAK</b>	
DRAWN BY: <b>KAK</b>	
CHECKED BY: <b>CDB</b>	
APPROVED BY: <b>CDB</b>	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
DESIGN SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

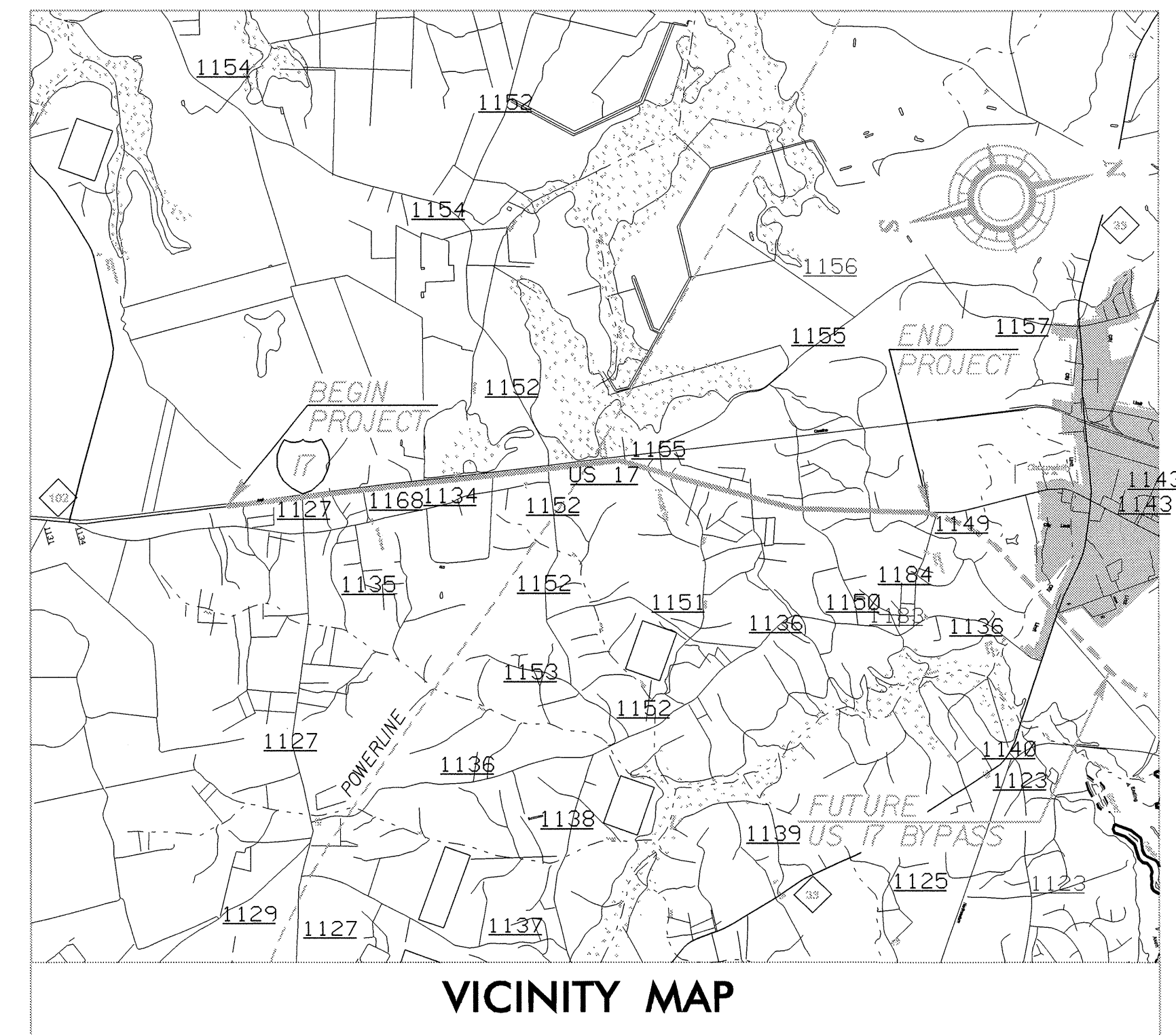
**UTILITY CONSTRUCTION**



09/7/80/16/0

**TIP PROJECT: R-2510A**

See Sheet 1-A For Index of Sheets  
See Sheet 1-B For Conventional Plan Sheet Symbols



**VICINITY MAP**

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

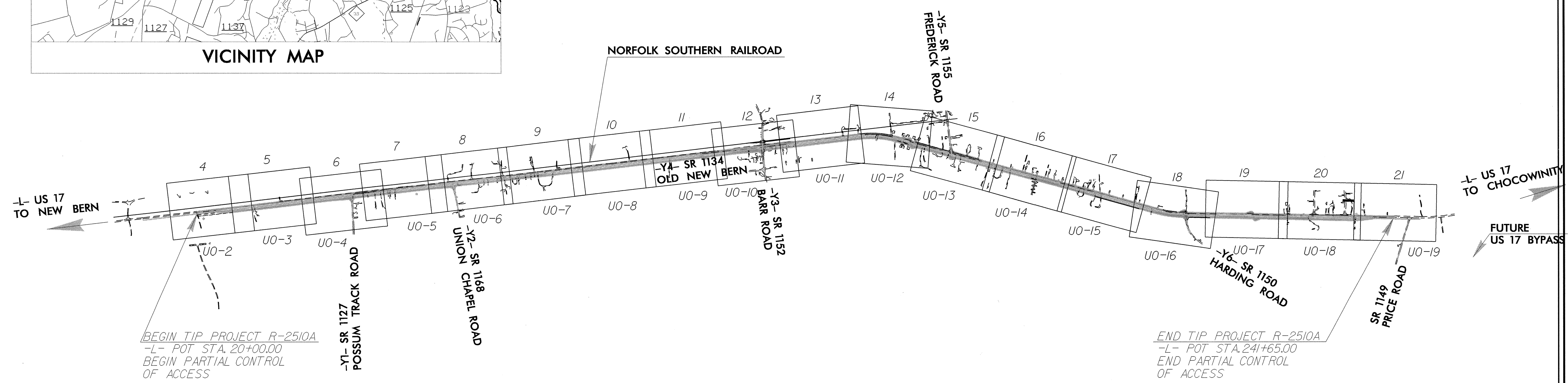
**UTILITIES BY OTHERS PLANS  
BEAUFORT COUNTY**

**LOCATION: US 17 FROM SOUTH OF SR 1127 (POSSUM TRACK ROAD)  
TO SR 1149 (PRICE ROAD)**

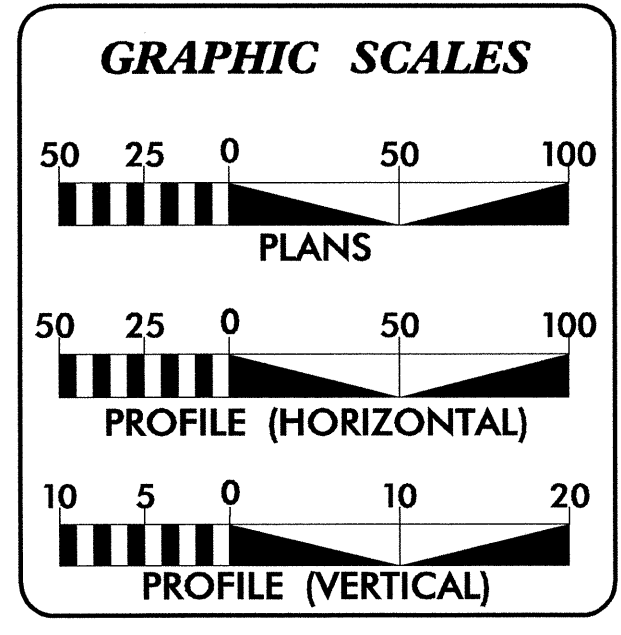
**TYPE OF WORK: UTILITY RELOCATION**

T.I.P. NO.	SHEET NO.
R-2510A	UO-1

NAD 83/95 NC GRID



NOTES: THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS AS SHOWN ON THE PLANS.



**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
UO-1	TITLE SHEET
UO-2 THRU UO-19	UTILITIES BY OTHERS PLAN SHEETS

**UTILITY OWNERS ON PROJECT**

- PROGRESS ENERGY
- EMBARQ
- PIEDMONT NATURAL GAS
- SUDDENLINK

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

1591 MAIL SERVICES CENTER  
RALEIGH NC 27699-1591  
PHONE (919) 259-4128  
FAX (919) 259-4119

**Roger Worthington, P.E.** UTILITIES SECTION ENGINEER  
**Corey Bousquet, P.E.** UTILITIES SQUAD LEADER PROJECT ENGINEER  
**Stephanie Athey** UTILITIES PROJECT DESIGNER

### UTILITIES BY OTHERS

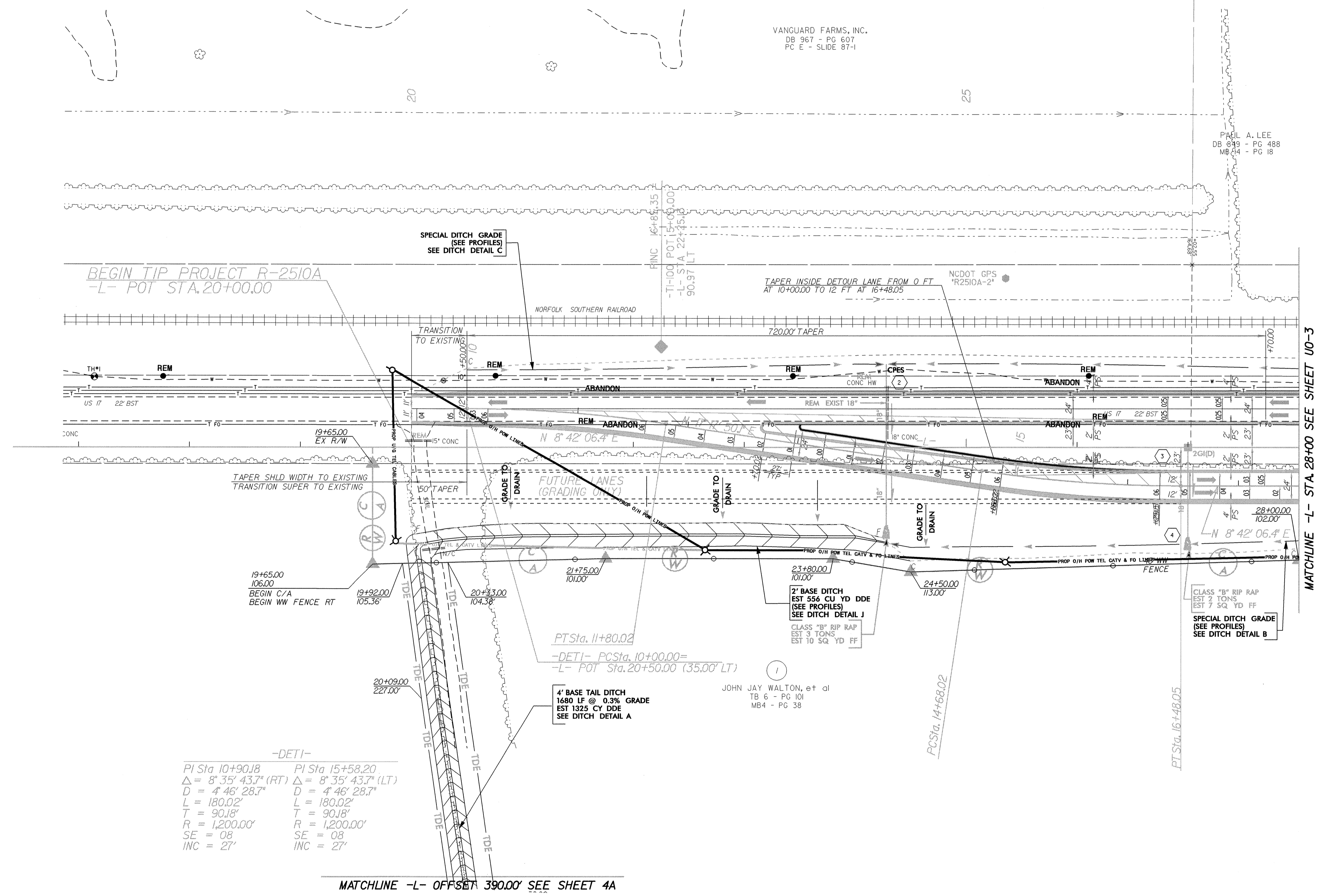
**NOTE:**  
ALL PROPOSED UTILITY WORK  
SHOWN ON THIS SHEET WILL  
BE DONE BY OTHERS

5/14/99

NAD 83/95

VANGUARD FARMS, INC.  
DB 967 - PG 607  
PC E - SLIDE 87-1

PAUL A. LEE  
DB 849 - PG 488  
MB 214 - PG 18



BEGIN TIP PROJECT R-2510A  
-L- POT STA. 20+00.00

TAPER SHLD WIDTH TO EXISTING  
TRANSITION SUPER TO EXISTING

-DET1-

PI Sta 10+90.18	PI Sta 15+58.20
Δ = 8° 35' 43.7" (RT)	Δ = 8° 35' 43.7" (LT)
D = 4' 46' 28.7"	D = 4' 46' 28.7"
L = 180.02'	L = 180.02'
T = 90.18'	T = 90.18'
R = 1,200.00'	R = 1,200.00'
SE = 08	SE = 08
INC = 27'	INC = 27'

MATCHLINE -L- OFFSET 390.00' SEE SHEET 4A

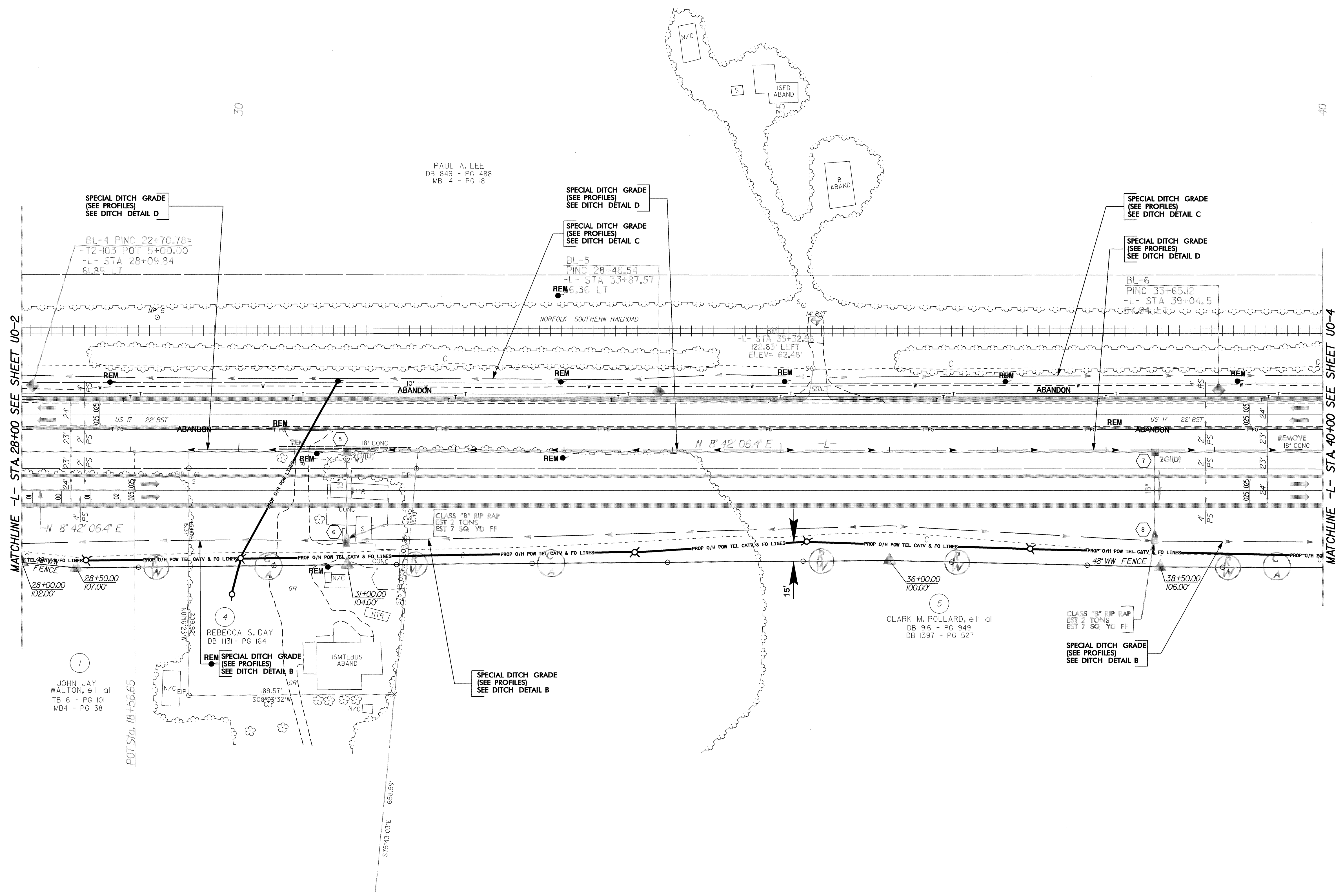
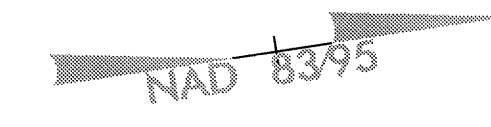
MATCHLINE -L- STA. 28+00 SEE SHEET U0-3

20-SEP-2007 08:05 Prj: R-2510a-ut-uo2.dgn  
 338153189

JOHN JAY WALTON, et al  
TB 6 - PG 101  
MB 4 - PG 38

# UTILITIES BY OTHERS

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



MATCHLINE -L- STA 28+00 SEE SHEET U0-2

MATCHLINE -L- STA 40+00 SEE SHEET U0-4

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

JOHN JAY  
WALTON, et al  
TB 6 - PG 101  
MB4 - PG 38

REBECCA S. DAY  
DB 1131 - PG 164

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

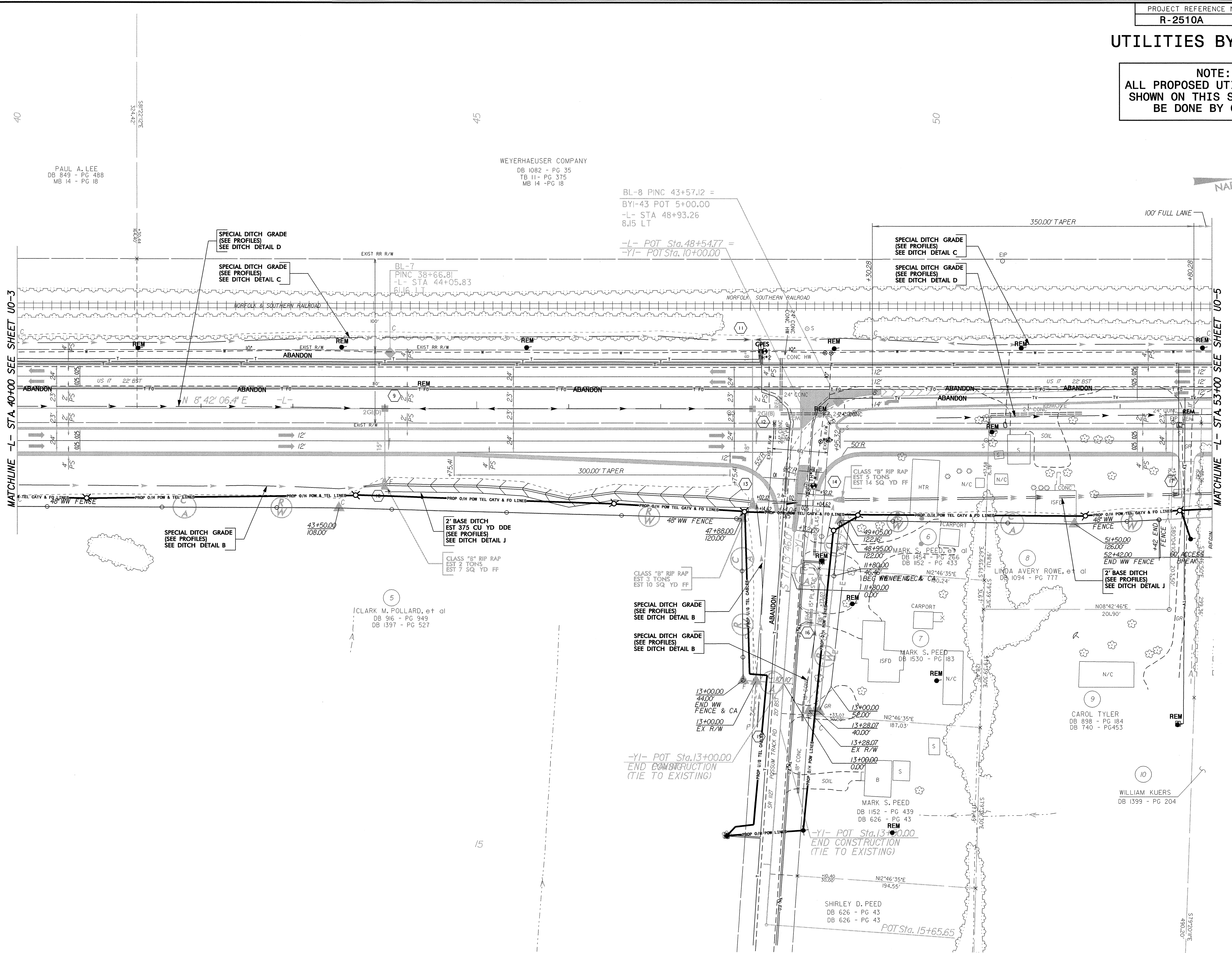
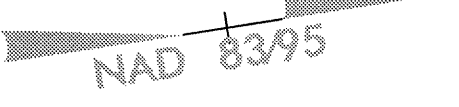
CLARK M. POLLARD, et al  
DB 916 - PG 949  
DB 1397 - PG 527

5/14/95

20-SEP-2007 08:05 P:\o\N\2510A\_ut\_u03.dgn

UTILITIES BY OTHERS

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



40

45

50

15

PAUL A. LEE  
DB 849 - PG 488  
MB 14 - PG 18

WEYERHAEUSER COMPANY  
DB 1082 - PG 35  
TB 11 - PG 375  
MB 14 - PG 18

BL-8 PINC 43+57.12 =  
BYI-43 POT 5+00.00  
-L- STA 48+93.26  
8.15 LT

-L- POT Sta. 48+54.77 =  
-YI- POT Sta. 10+00.00

BL-7  
PINC 38+66.81  
-L- STA 44+05.83  
6.16 LT

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

MATCHLINE -L- STA. 40+00 SEE SHEET U0-3

MATCHLINE -L- STA. 53+00 SEE SHEET U0-5

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

2' BASE DITCH  
EST 375 CU YD DDE  
(SEE PROFILES)  
SEE DITCH DETAIL J

CLASS "B" RIP RAP  
EST 2 TONS  
EST 7 SQ YD FF

CLARK M. POLLARD, et al  
DB 916 - PG 949  
DB 1397 - PG 527

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

13+00.00  
44.00  
END WW FENCE & CA

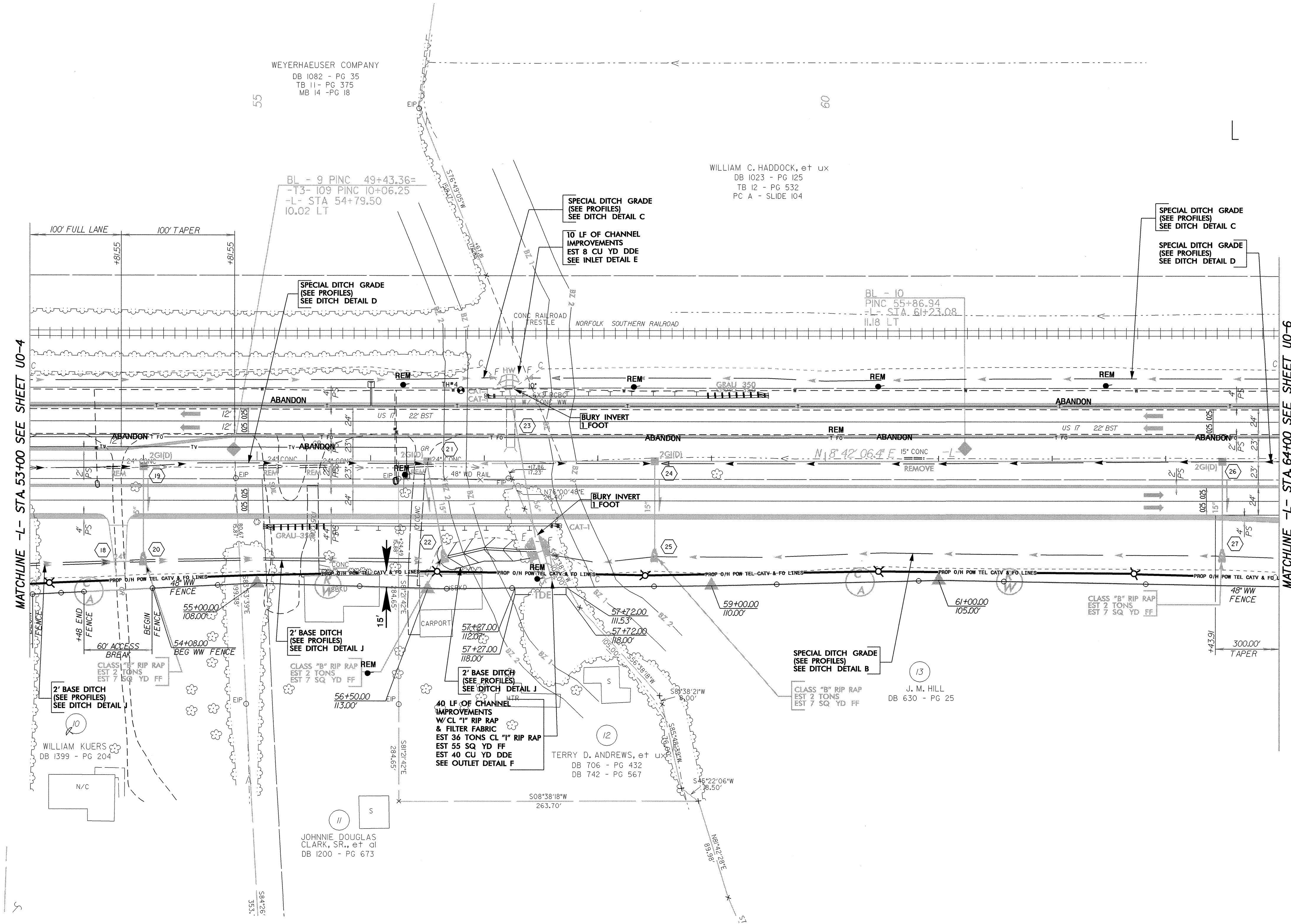
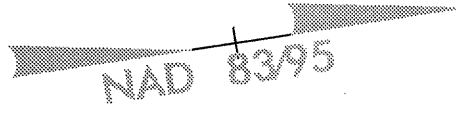
-YI- POT Sta. 13+00.00  
END CONSTRUCTION  
(TIE TO EXISTING)

-YI- POT Sta. 13+00.00  
END CONSTRUCTION  
(TIE TO EXISTING)

POT Sta. 15+65.65

# UTILITIES BY OTHERS

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



MATCHLINE -L- STA 53+00 SEE SHEET U0-4

MATCHLINE -L- STA 64+00 SEE SHEET U0-6

WEYERHAEUSER COMPANY  
DB 1082 - PG 35  
TB 11 - PG 375  
MB 14 - PG 18

WILLIAM C. HADDOCK, et ux  
DB 1023 - PG 125  
TB 12 - PG 532  
PC A - SLIDE 104

BL - 9 PINC 49+43.36=  
-T3- 109 PINC 10+06.25  
-L- STA 54+79.50  
10.02 LT

BL - 10  
PINC 55+86.94  
-L- STA 61+23.08  
11.18 LT

2' BASE DITCH  
(SEE PROFILES)  
SEE DITCH DETAIL J  
EST 2 TONS  
EST 7 SQ YD FF

40 LF OF CHANNEL  
IMPROVEMENTS  
W/CL 1" RIP RAP  
& FILTER FABRIC  
EST 36 TONS CL "1" RIP RAP  
EST 55 SQ YD FF  
EST 40 CU YD DDE  
SEE OUTLET DETAIL F

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B  
CLASS "B" RIP RAP  
EST 2 TONS  
EST 7 SQ YD FF

WILLIAM KUERS  
DB 1399 - PG 204

TERRY D. ANDREWS, et ux  
DB 706 - PG 432  
DB 742 - PG 567

J. M. HILL  
DB 630 - PG 25

JOHNNIE DOUGLAS  
CLARK, SR., et al  
DB 1200 - PG 673

5/14/99

20-SEP-2007 08:05  
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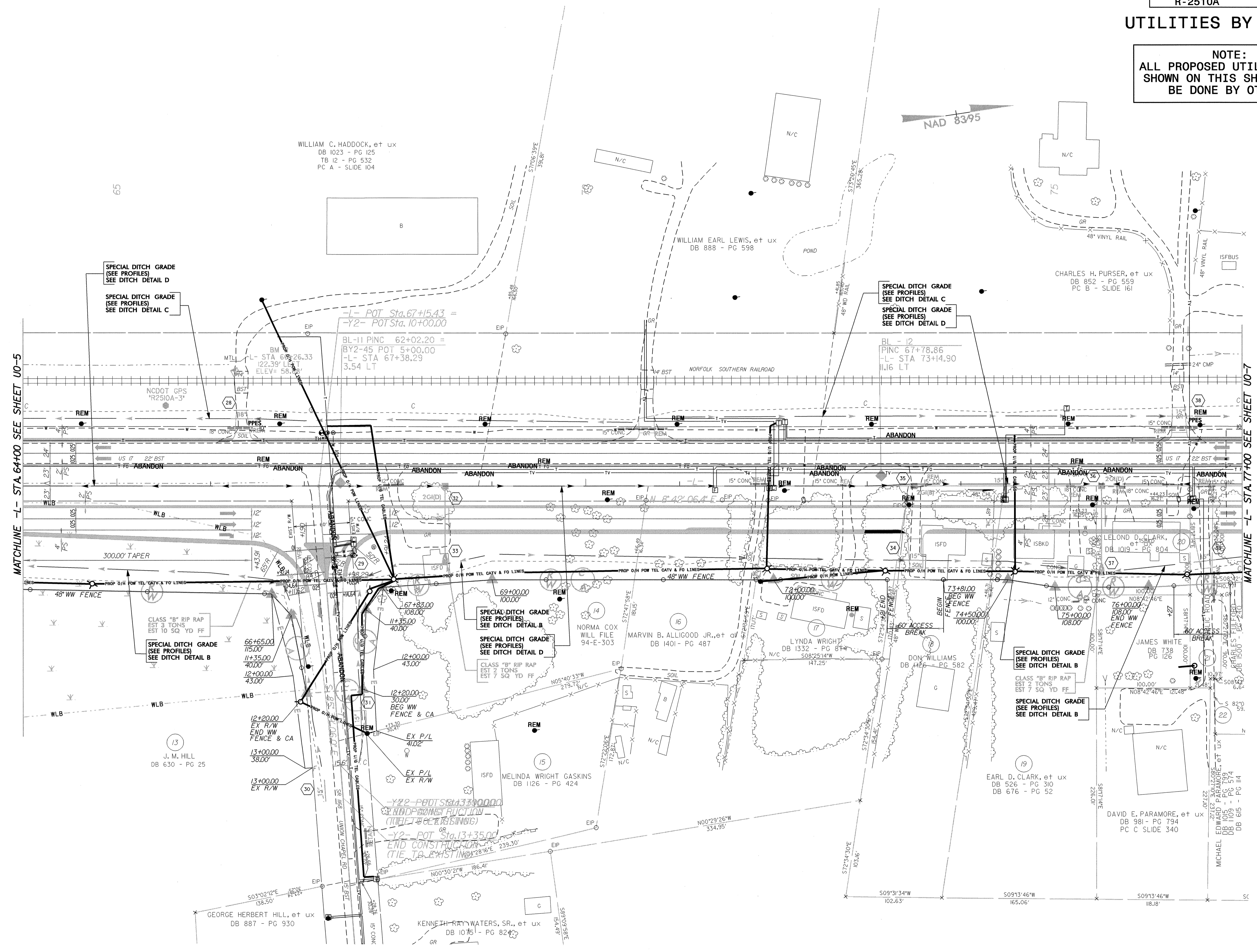
### UTILITIES BY OTHERS

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

5/14/95  
20 SEP 2007 08:05  
R:\11111111\proj\2510A\ut\_u0-6.dgn

MATCHLINE -L- STA 64+00 SEE SHEET U0-5

MATCHLINE -L- STA 77+00 SEE SHEET U0-7



# UTILITIES BY OTHERS

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



BOBBY LEE CHANDLER, et ux  
DB 649 - PG 396

GEORGE F. WIGGINS, et ux  
DB 1055 - PG 412

JOSEPH J. GODLEY, et al  
DB 772 - PG 586

JOEY RANDY MAYO, et ux  
DB 953 - PG 184  
DB 1013 - PG 446

CHARLES H. PURSER, et ux  
DB 852 - PG 559  
PC B - SLIDE 161

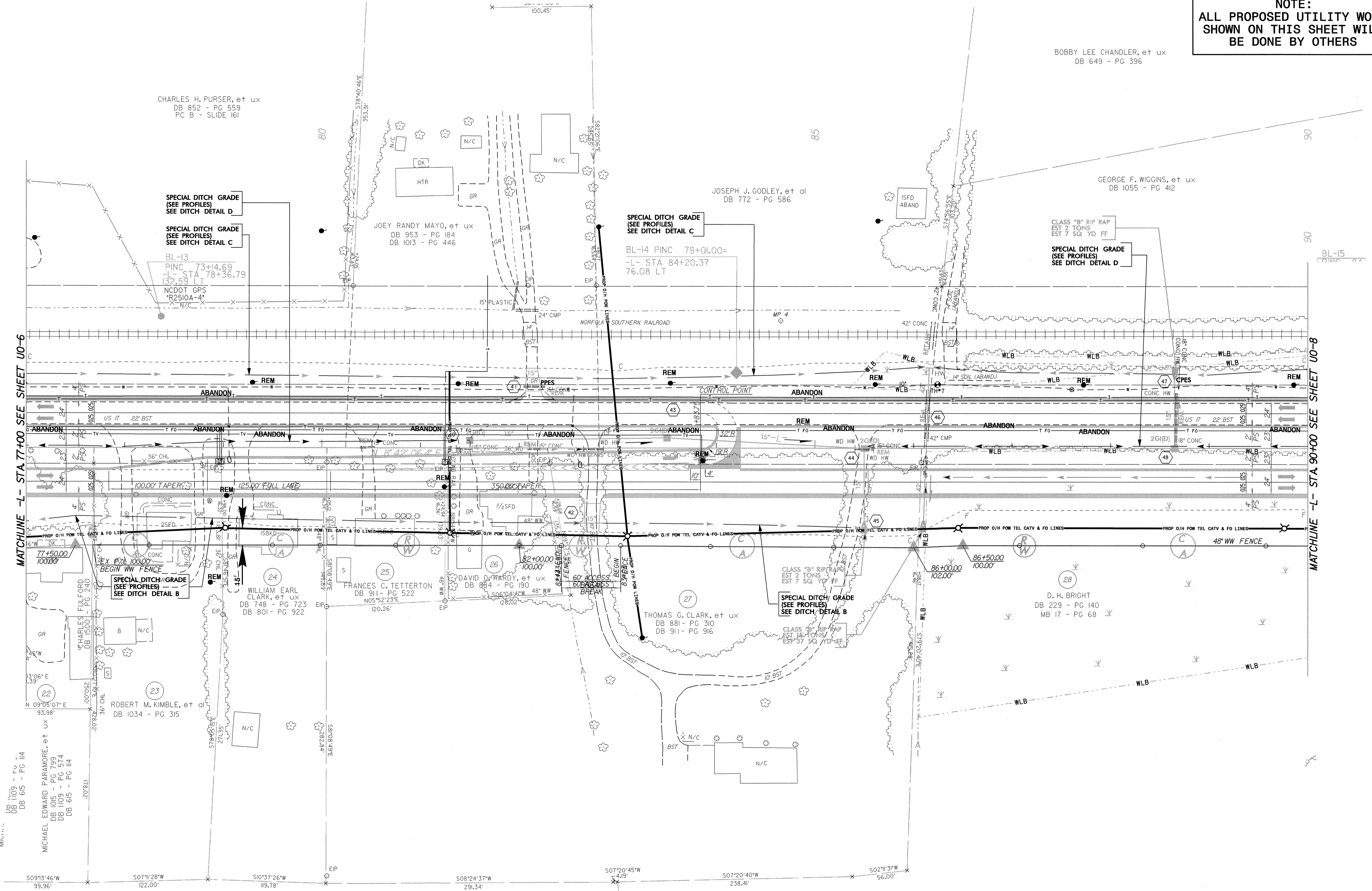
SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B



MATCHLINE -L- STA. 77+00 SEE SHEET U0-6

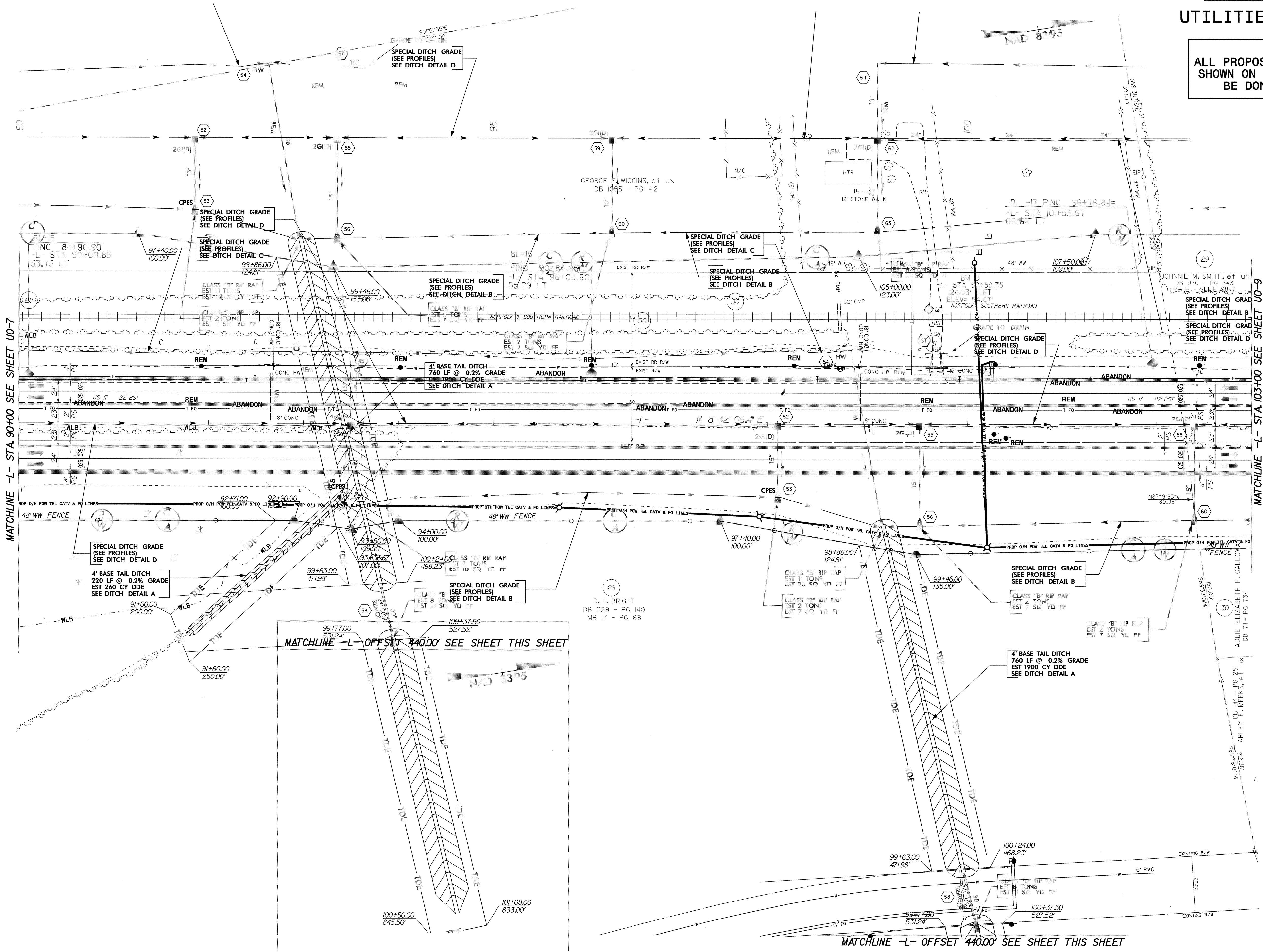
MATCHLINE -L- STA. 90+00 SEE SHEET U0-8

5/14/99

P:\70-SEP-2007\_08:05...  
 DB 1009 - PG 114  
 DB 1015 - PG 799  
 DB 1109 - PG 574  
 DB 615 - PG 114  
 MICHAEL EDWARD PARAMORE, et ux

# UTILITIES BY OTHERS

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



MATCHLINE -L- STA. 90+00 SEE SHEET UO-7

MATCHLINE -L- STA. 103+00 SEE SHEET UO-9

MATCHLINE -L- OFFSET 440.00' SEE SHEET THIS SHEET

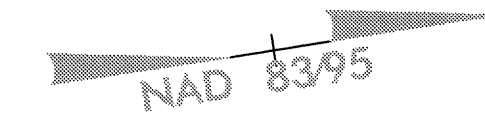
MATCHLINE -L- OFFSET 440.00' SEE SHEET THIS SHEET

5/14/99

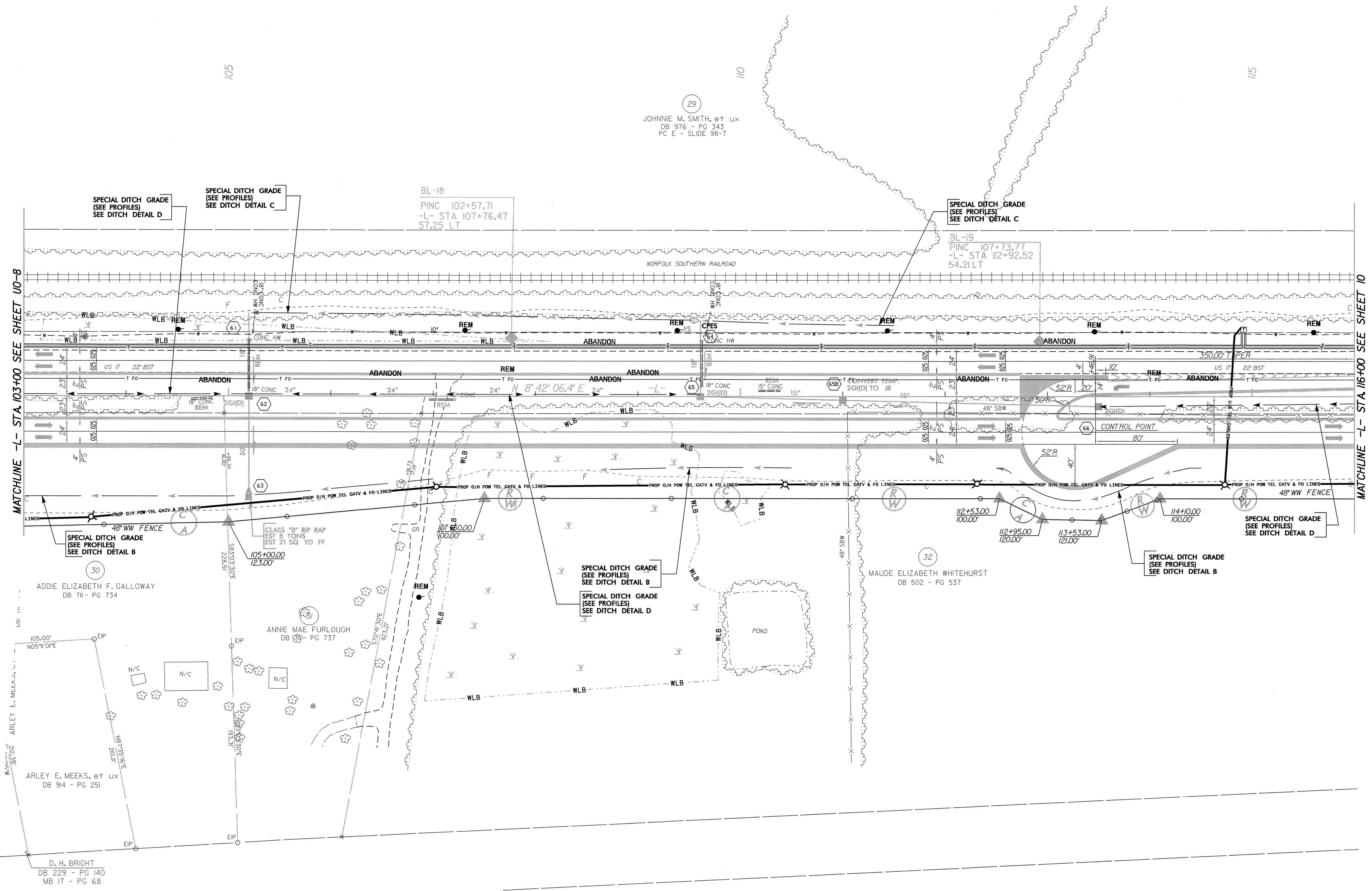
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 3:33:11 PM  
 2510A-UT-UO8.dgn

## UTILITIES BY OTHERS

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



5/14/99



SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

BL-18  
PINC 102+57.71  
-L- STA 107+76.47  
57.25 LT

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

BL-19  
PINC 107+73.77  
-L- STA 112+92.52  
54.21 LT

MATCHLINE -L- STA 103+00 SEE SHEET U0-8

MATCHLINE -L- STA 116+00 SEE SHEET 10

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

20-SEP-2007 08:04 P:cj\p\2510a\_ut\_uo9.dgn  
 R:\111111\2510A\UT\U0-9.dwg  
 \$\$\$PRN:UTU0-9.dwg\$\$\$  
 ARLEY E. MEEKS, et ux  
 DB 914 - PG 251

ADDIE ELIZABETH F. GALLOWAY  
DB 711 - PG 734

ANNIE MAE FURLOUGH  
DB 668 - PG 737

ARLEY E. MEEKS, et ux  
DB 914 - PG 251

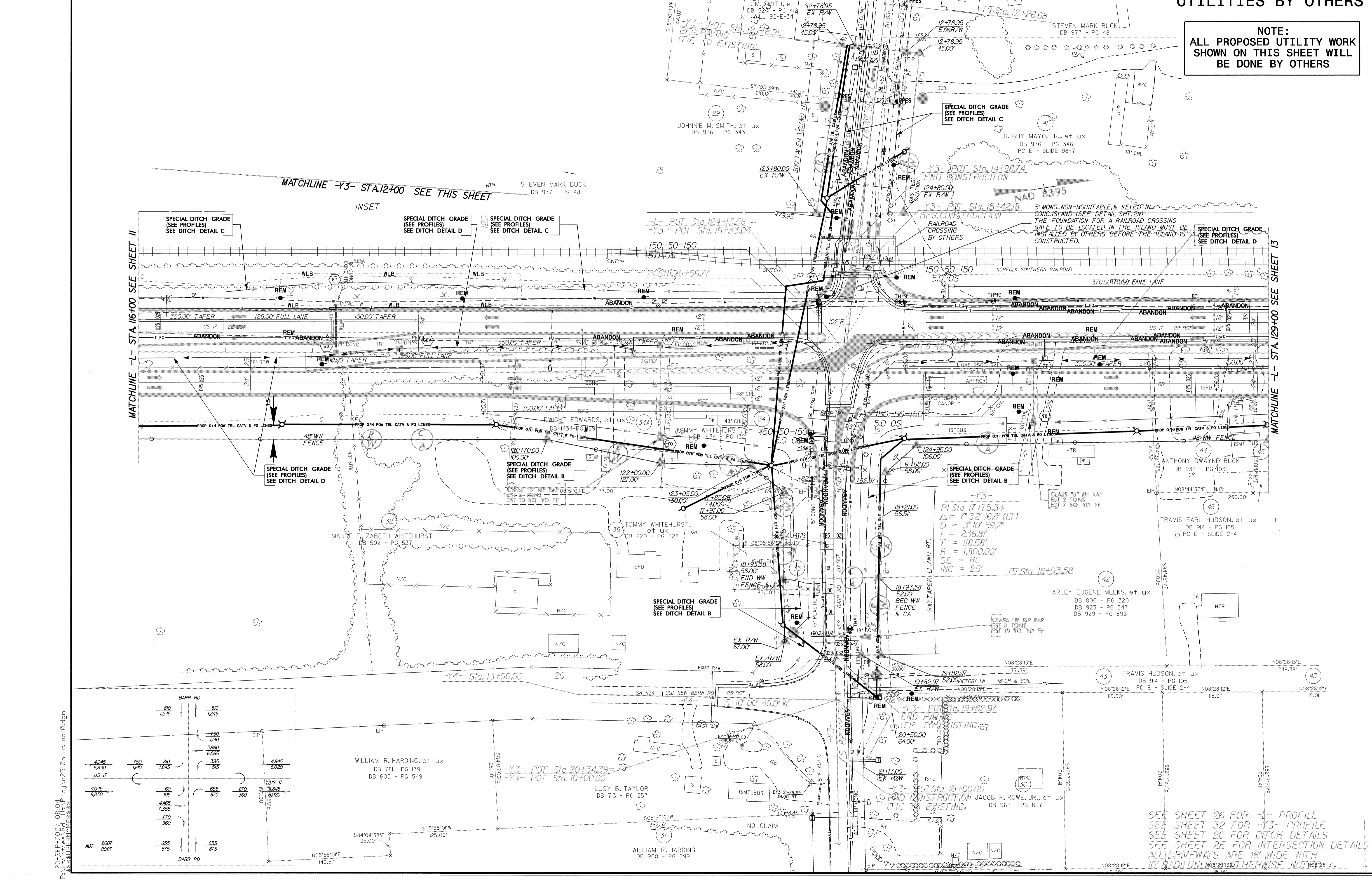
D. H. BRIGHT  
DB 229 - PG 140  
MB 17 - PG 68

MAUDE ELIZABETH WHITEHURST  
DB 502 - PG 537

JOHNNIE M. SMITH, et ux  
DB 976 - PG 343  
PC E - SLIDE 98-7

UTILITIES BY OTHERS

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



MATCHLINE -L- STA. 116+00 SEE SHEET II

MATCHLINE -Y3- STA. 12+00 SEE THIS SHEET

MATCHLINE -Y3- STA. 12+00 SEE INSET

MATCHLINE -L- STA. 129+00 SEE SHEET I3

$PI\ Sta. 17+75.34$   
 $\Delta = 7' 32'' 16.8'' (LT)$   
 $D = 3' 10'' 59.2''$   
 $L = 236.81'$   
 $T = 118.58'$   
 $R = 1,800.00'$   
 $SE = RC$   
 $INC = 25'$   
 $PT\ Sta. 18+93.58$

$Y-3 - POT\ Sta. 20+34.39 =$   
 $Y-4 - POT\ Sta. 10+00.00$

Station	Profile	Grade	Notes
4045	US II	6.830	BARR RD
750	US II	1.140	
810	US II	1.245	
4045	US II	6.830	BARR RD
60	US II	1.105	
655	US II	0.870	
270	US II	3.360	
4455	US II	7.355	BARR RD
385	US II	5.15	
4245	US II	8.020	
4045	US II	6.830	BARR RD
655	US II	0.875	
655	US II	0.875	

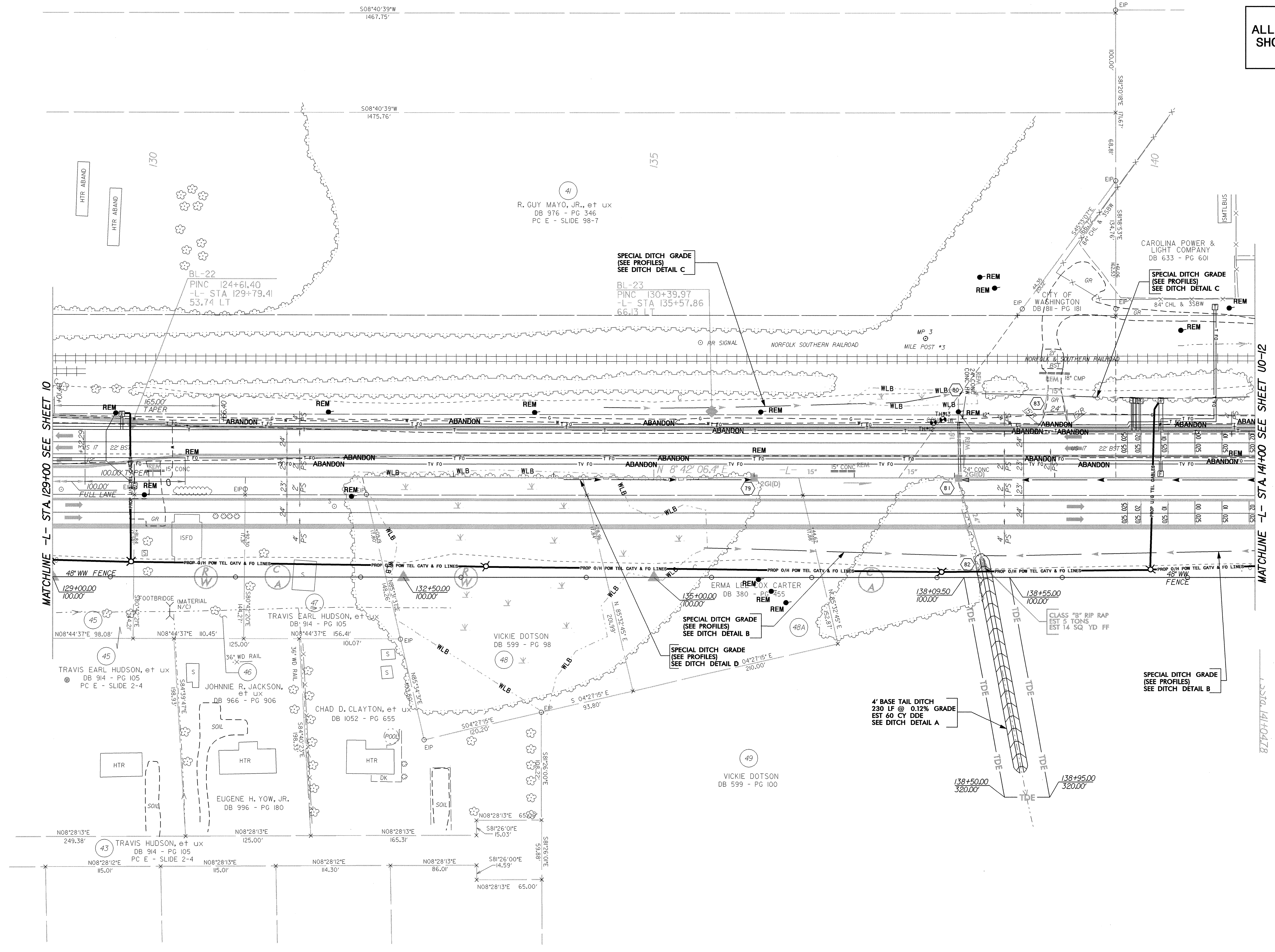
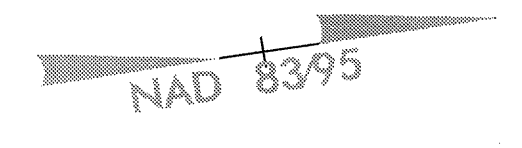
SEE SHEET 26 FOR -L- PROFILE  
 SEE SHEET 32 FOR -Y3- PROFILE  
 SEE SHEET 20 FOR DITCH DETAILS  
 SEE SHEET 2C FOR INTERSECTION DETAILS  
 ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED

5/14/99  
 20-SEP-2007 08:04  
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 ADT 2007 2327

# UTILITIES BY OTHERS

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

5/14/99



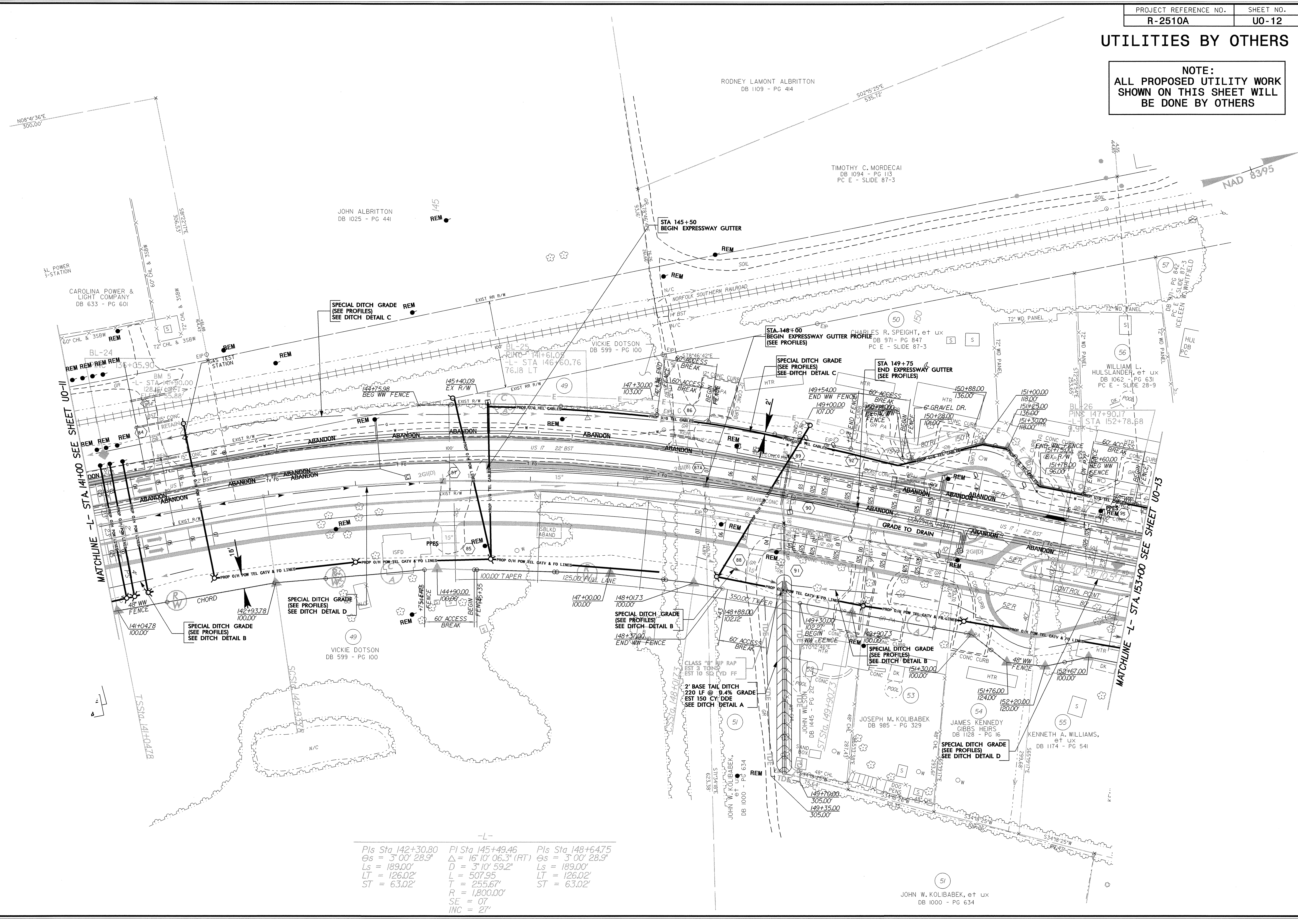
MATCHLINE -L- STA 129+00 SEE SHEET 10

MATCHLINE -L- STA 141+00 SEE SHEET U0-12

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 P:\2510A\UT-0011.dgn

UTILITIES BY OTHERS

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



MATCHLINE -L- STA. 141+00 SEE SHEET U0-11

MATCHLINE -L- STA. 153+00 SEE SHEET U0-13

-L-

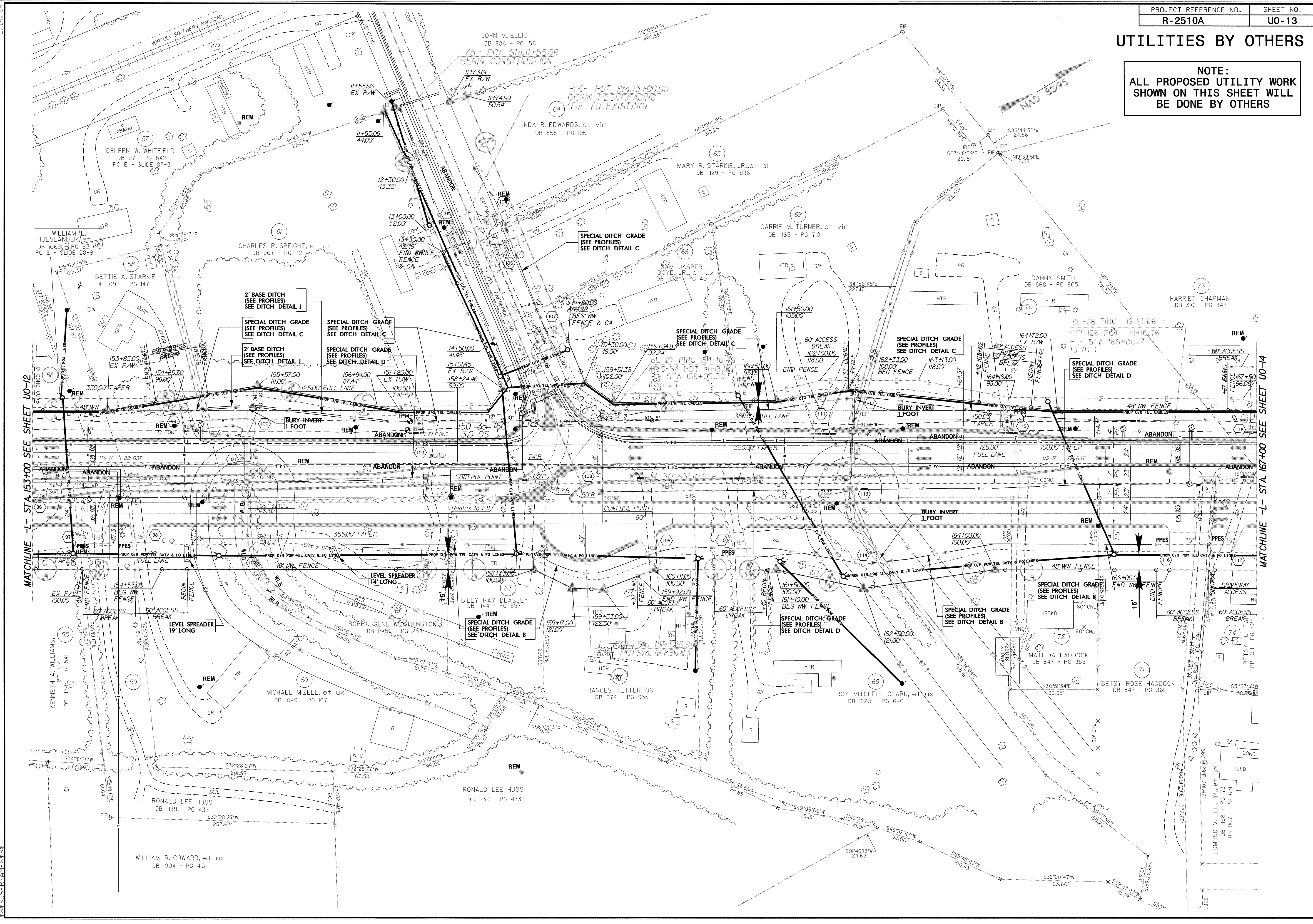
Pis Sta 142+30.80 Cs = 3' 00" 28.9" Ls = 189.00' LT = 126.02' ST = 63.02'	Pi Sta 145+49.46 Δ = 16' 10" 06.3" (RT) D = 3' 10" 59.2" L = 507.95' T = 255.67' R = 1,800.00' SE = 07' INC = 27'	Pis Sta 148+64.75 Cs = 3' 00" 28.9" Ls = 189.00' LT = 126.02' ST = 63.02'
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5/14/99

# UTILITIES BY OTHERS

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

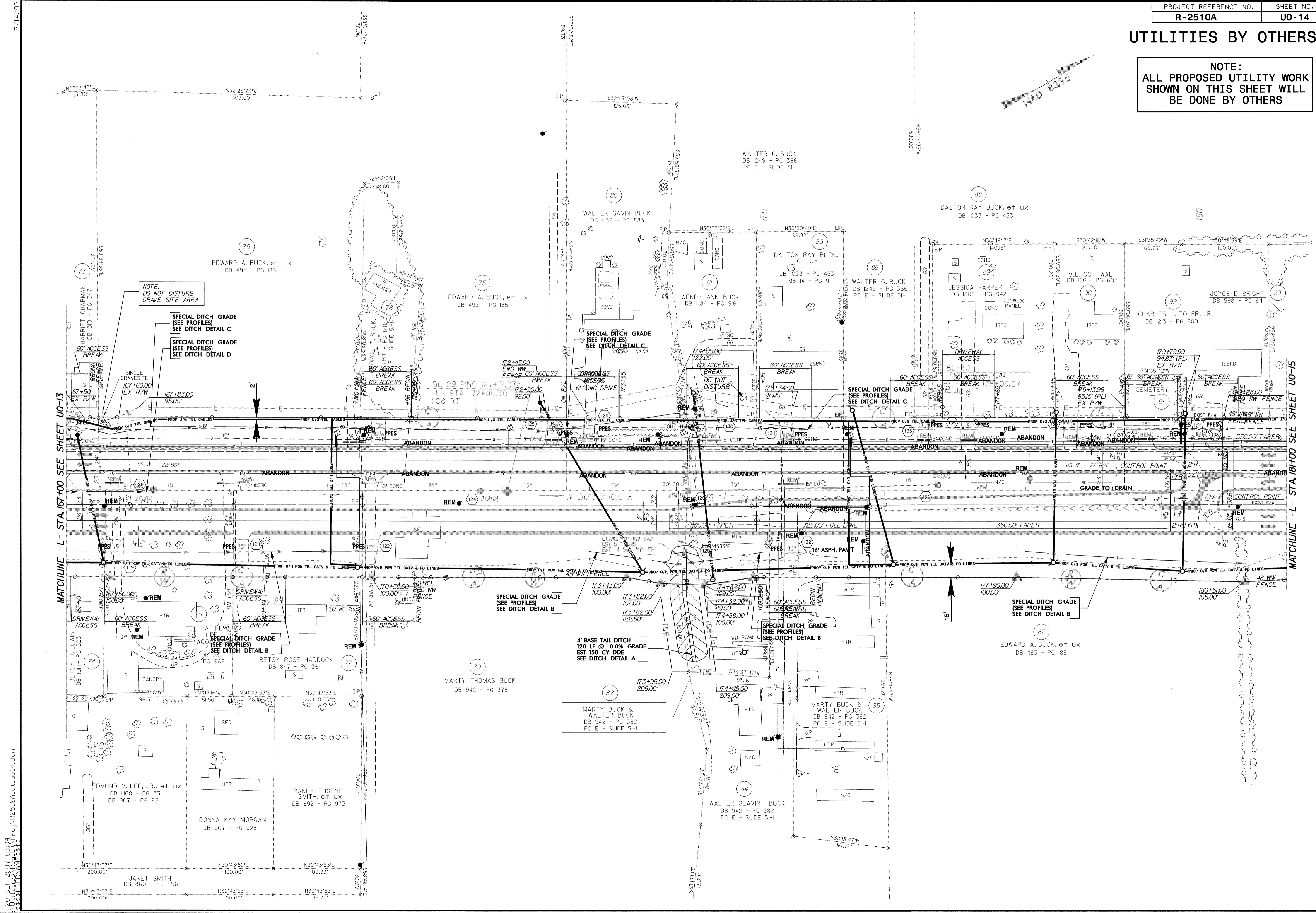
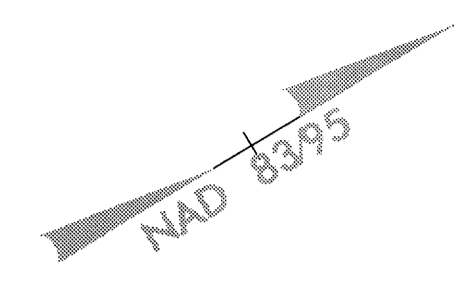


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 5/14/99



### UTILITIES BY OTHERS

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



MATCHLINE -L- STA 167+00 SEE SHEET U0-13

MATCHLINE -L- STA 181+00 SEE SHEET U0-15

NOTE:  
DO NOT DISTURB  
GRAVE SITE AREA

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL C

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL D

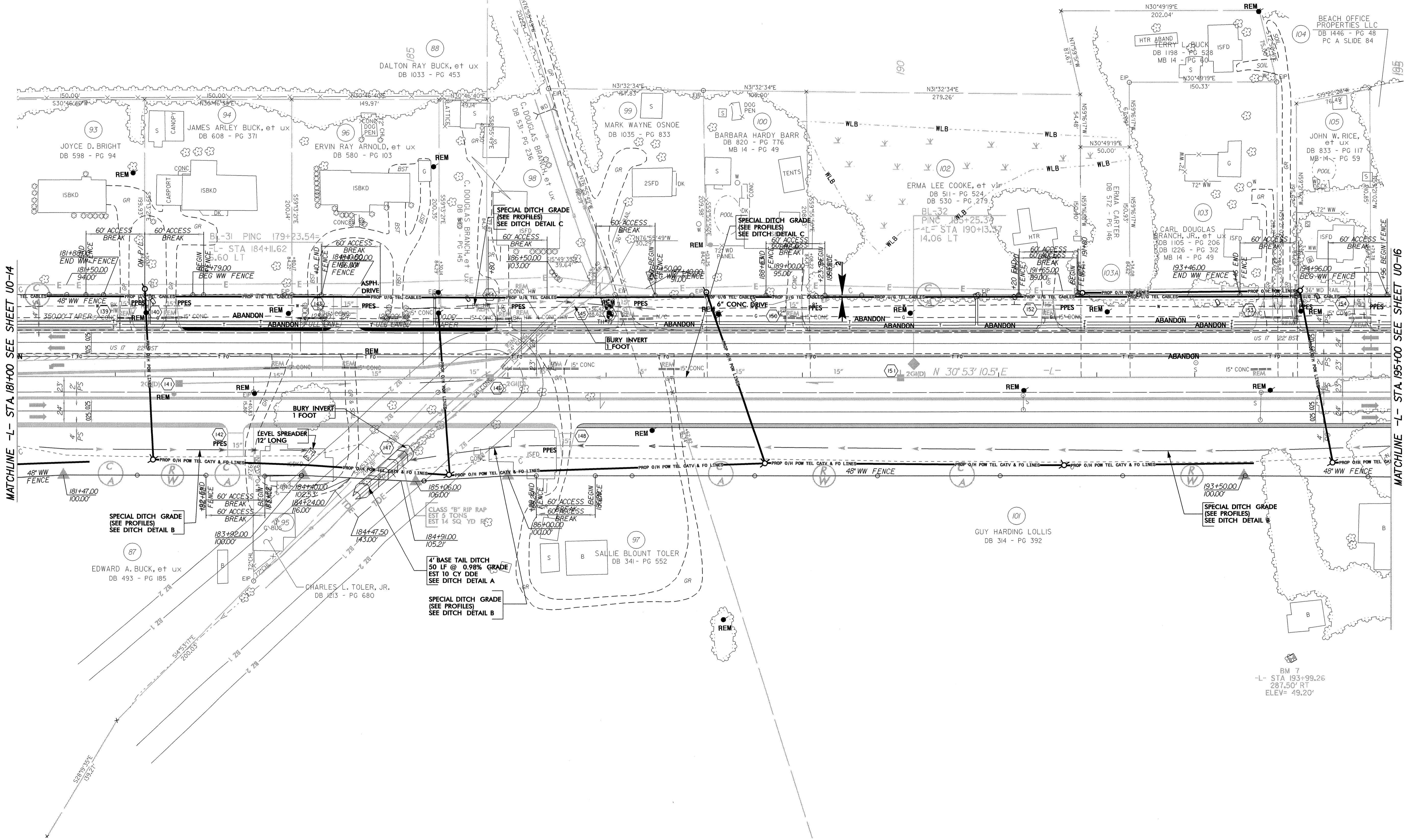
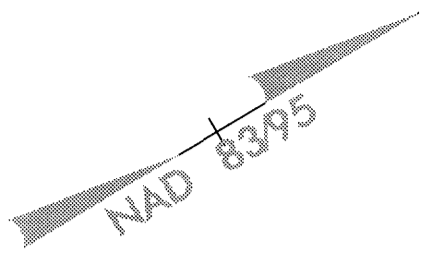
SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

SPECIAL DITCH GRADE  
(SEE PROFILES)  
SEE DITCH DETAIL B

# UTILITIES BY OTHERS

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



MATCHLINE -L- STA 181+00 SEE SHEET U0-14

MATCHLINE -L- STA 195+00 SEE SHEET U0-16

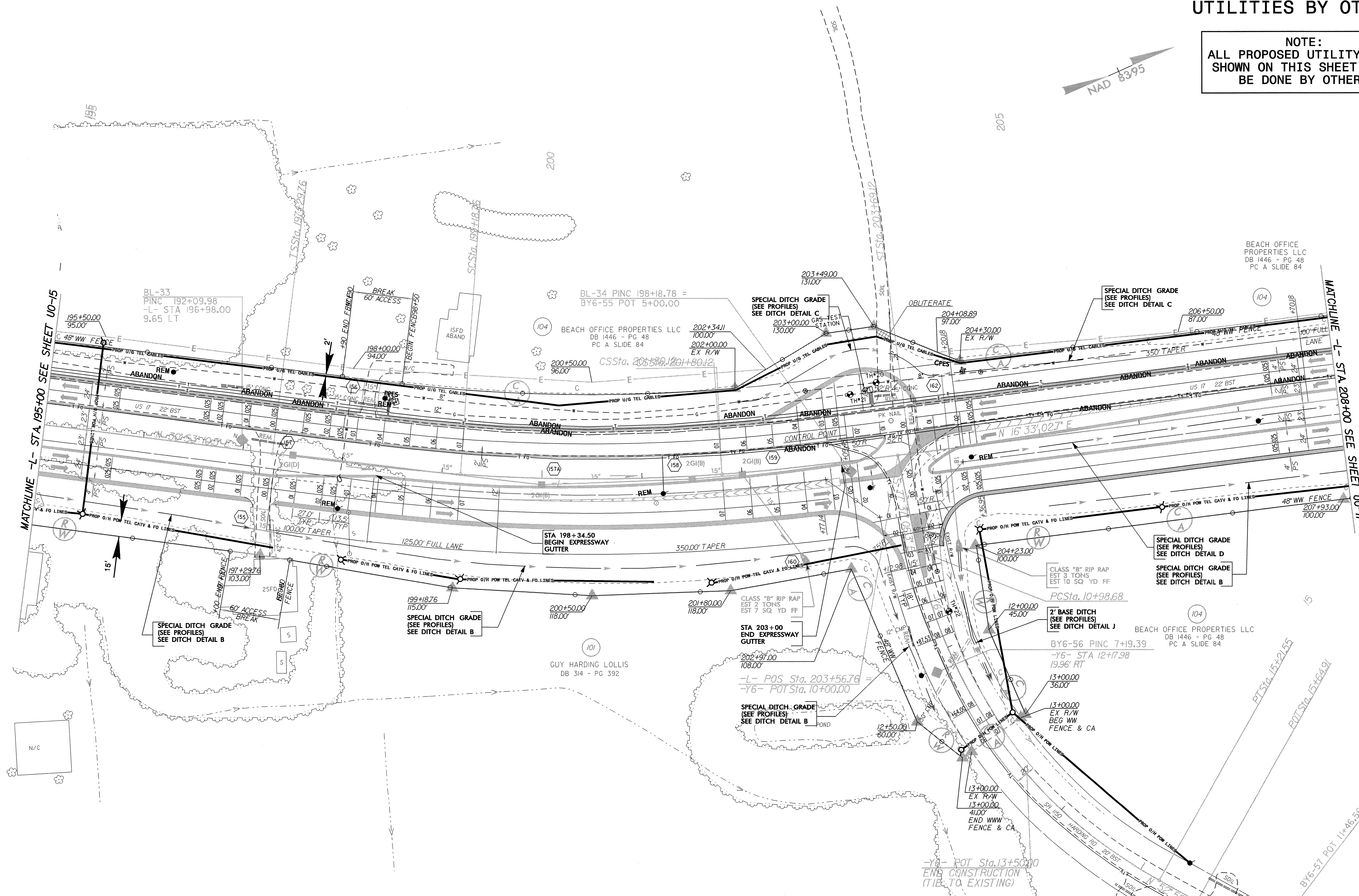
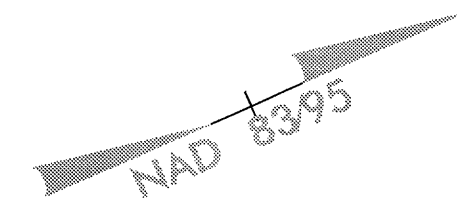
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BM 7  
-L- STA 193+99.26  
287.50' RT  
ELEV= 49.20'

UTILITIES BY OTHERS

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



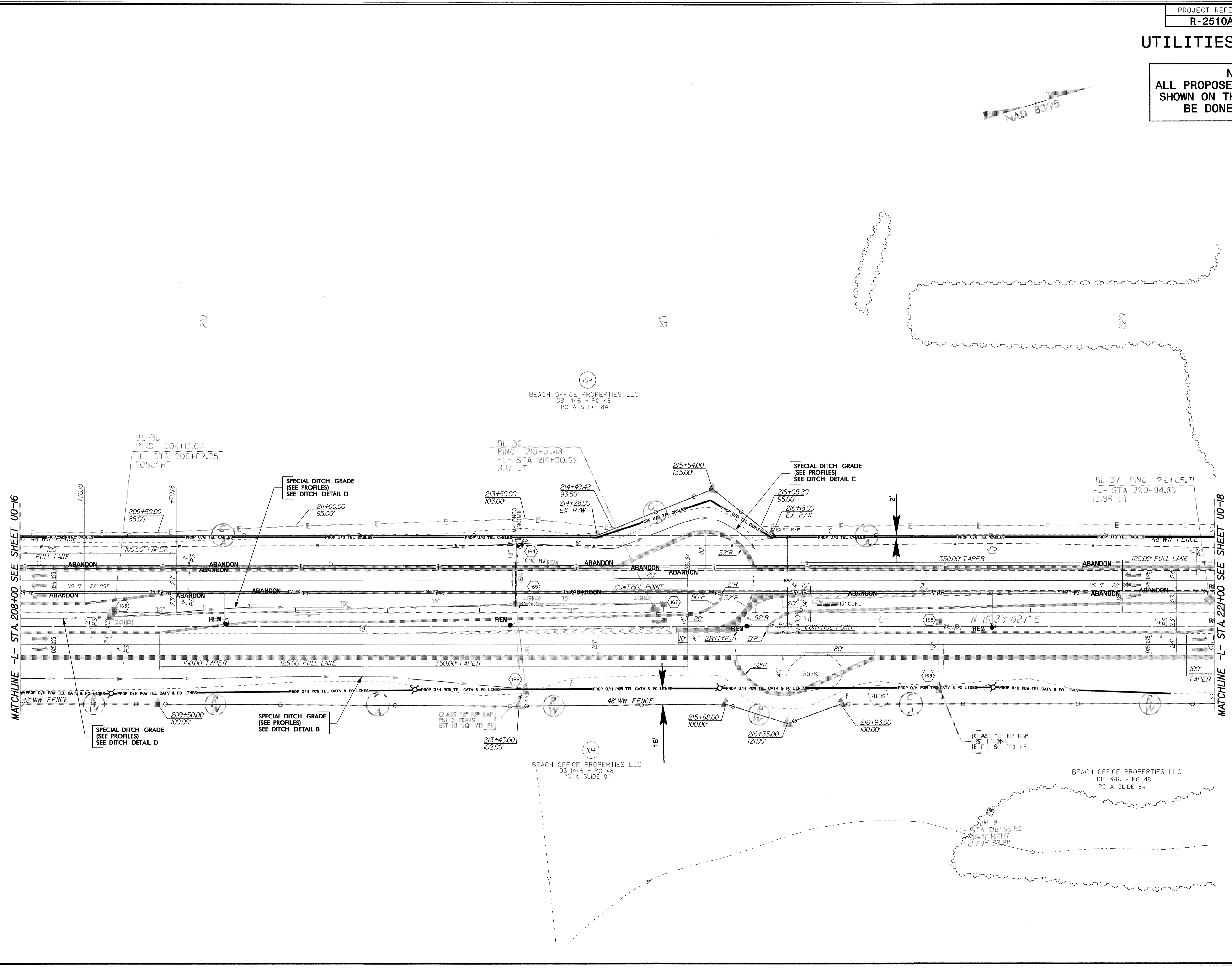
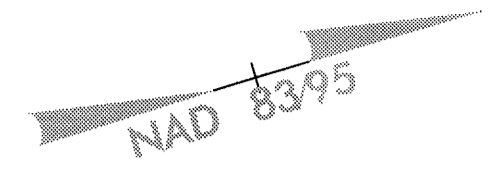
-L-	-Y6-
PI Sta 198+55.77	PI Sta 13+24.30
Os = 3° 00' 28.9"	Δ = 49° 26' 44.7" (LT)
Ls = 189.00'	D = 11' 41' 34.9"
L = 126.02'	L = 422.87'
ST = 63.02'	T = 225.61'
	R = 490.00'
	SE = 08
	INC = 18

5/14/99

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 11:56:33 AM

# UTILITIES BY OTHERS

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



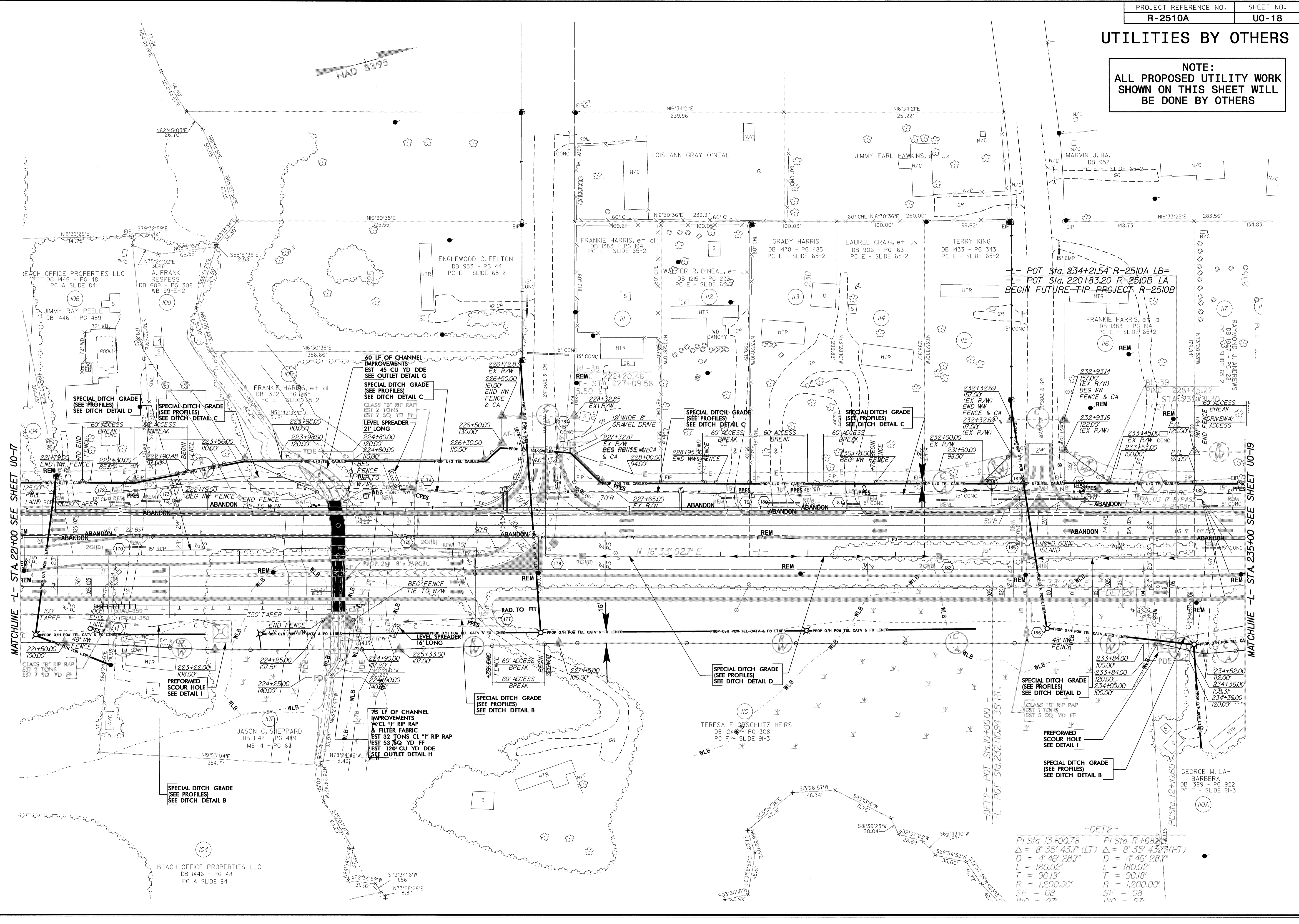
MATCHLINE -L- STA 208+00 SEE SHEET U0-16

MATCHLINE -L- STA 221+00 SEE SHEET U0-18

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20 SEP 2007 08:03  
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# UTILITIES BY OTHERS

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



MATCHLINE -L- STA 221+00 SEE SHEET U0-17

MATCHLINE -L- STA 235+00 SEE SHEET U0-19

POT Sta. 234+21.54 R-2510A LB=  
POT Sta. 220+83.20 R-2510B LA  
BEGIN FUTURE TIP PROJECT R-2510B

-DET2- POT Sta. 10+00.00 =  
-L- POT Sta. 232+02.94 35' RT.

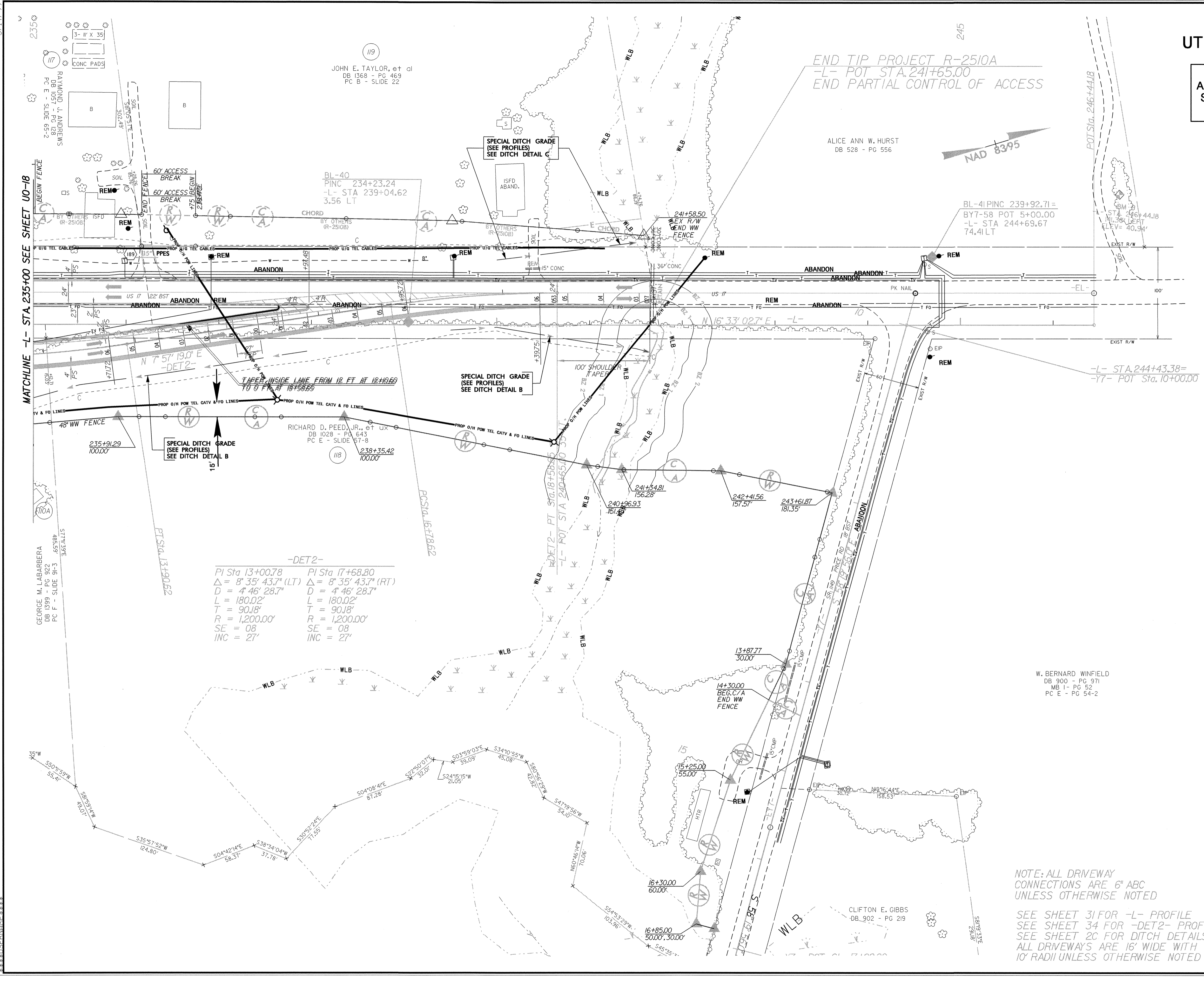
-DET2-

PI Sta 13+00.78	PI Sta 17+68.25
$\Delta = 8' 35'' 43.7''$ (LT)	$\Delta = 8' 35'' 43.7''$ (RT)
$D = 4' 46'' 28.7''$	$D = 4' 46'' 28.7''$
$L = 180.02'$	$L = 180.02'$
$T = 90.18'$	$T = 90.18'$
$R = 1,200.00'$	$R = 1,200.00'$
$SE = 08$	$SE = 08$
$110C = 97.1$	$110C = 97.1$

20-SEP-2007 08:03 R:\D:\11\2510A\11\2510A\_U0-18.dgn

### UTILITIES BY OTHERS

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



5/14/95  
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 PE: [unreadable]  
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