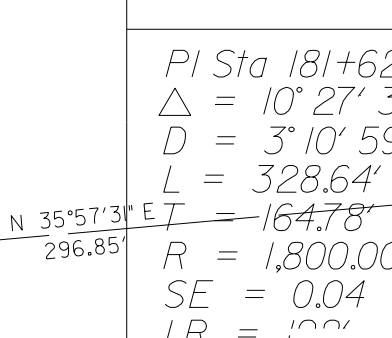


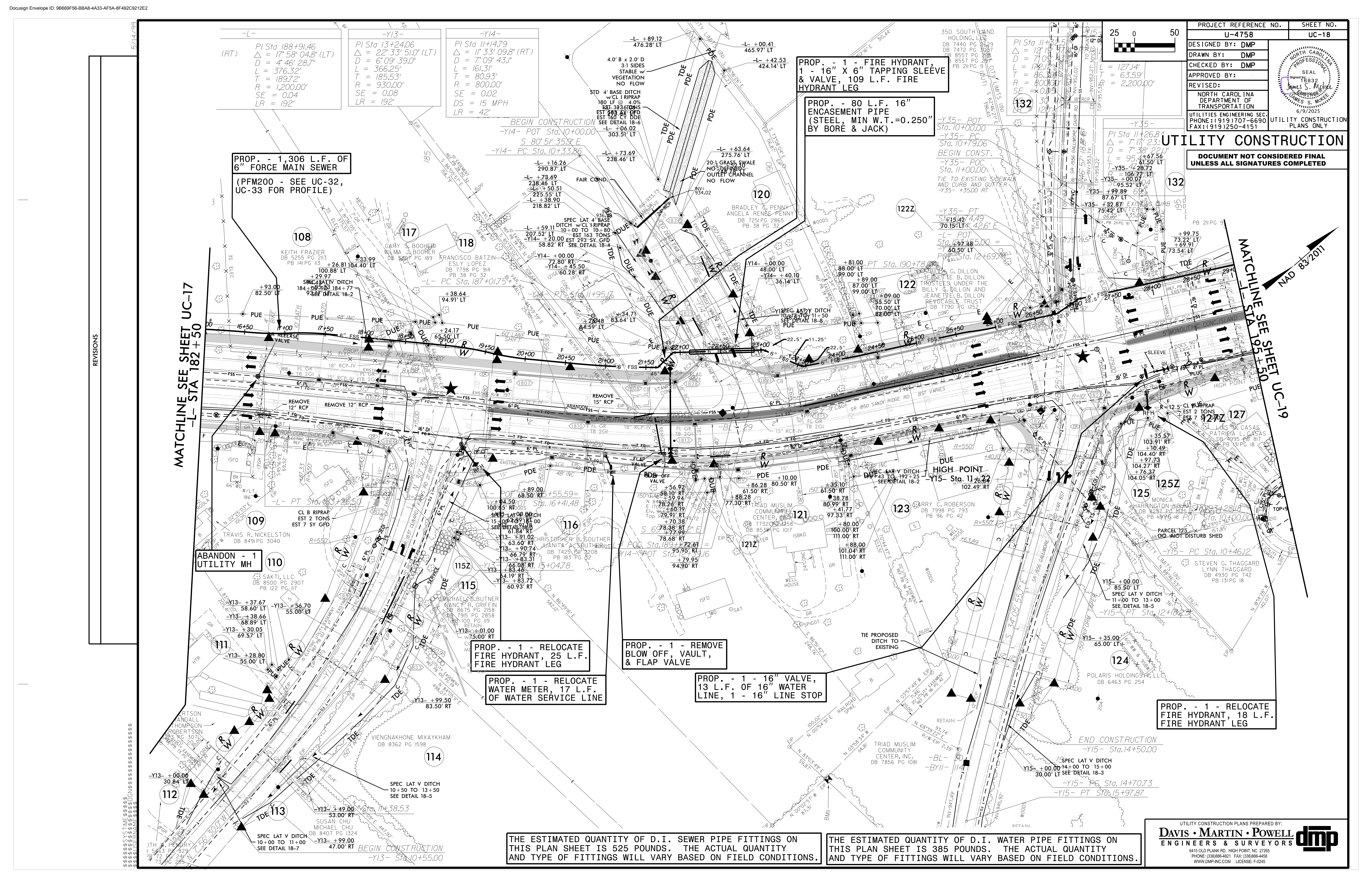


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



THE ESTIMATED QUANTITY OF D.I. WATER PIPE FITTINGS ON THIS PLAN SHEET IS 2,370 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS • MARTIN • POWELL
 ENGINEERS & SURVEYORS 
 6415 OLD PLANK RD., HIGH POINT, NC 27265
 PHONE: (336)896-1821 FAX: (336)896-4458
 WWW.DMP-INC.COM IFCENSE# 51-0245



-L-	-Y13-	-Y14-
PI Sta 188+91.46 Δ = 17° 58' 04.8" (LT) D = 4' 46' 28.7" L = 376.32' T = 189.72' R = 1,200.00' SE = 0.04 LR = 192'	PI Sta 13+24.06 Δ = 22° 33' 51.0" (LT) D = 6' 09' 39.0" L = 366.25' T = 185.53' R = 930.00' SE = 0.08 LR = 192'	PI Sta 11+47.9 Δ = 11° 33' 09.8" (RT) D = 7' 09' 43.1" L = 161.31' T = 80.93' R = 800.00' SE = 0.02 DS = 15 MPH LR = 42'

PROJECT REFERENCE NO.		SHEET NO.	
U-4758		UC-18	
DESIGNED BY: DMP			
DRAWN BY: DMP			
CHECKED BY: DMP			
APPROVED BY:			
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		UTILITY CONSTRUCTION PLANS ONLY	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151			

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

MATCHLINE SEE SHEET UC-17
-L- STA 182+50

MATCHLINE SEE SHEET UC-19
-L- STA 195+50

THE ESTIMATED QUANTITY OF D.I. SEWER PIPE FITTINGS ON THIS PLAN SHEET IS 525 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

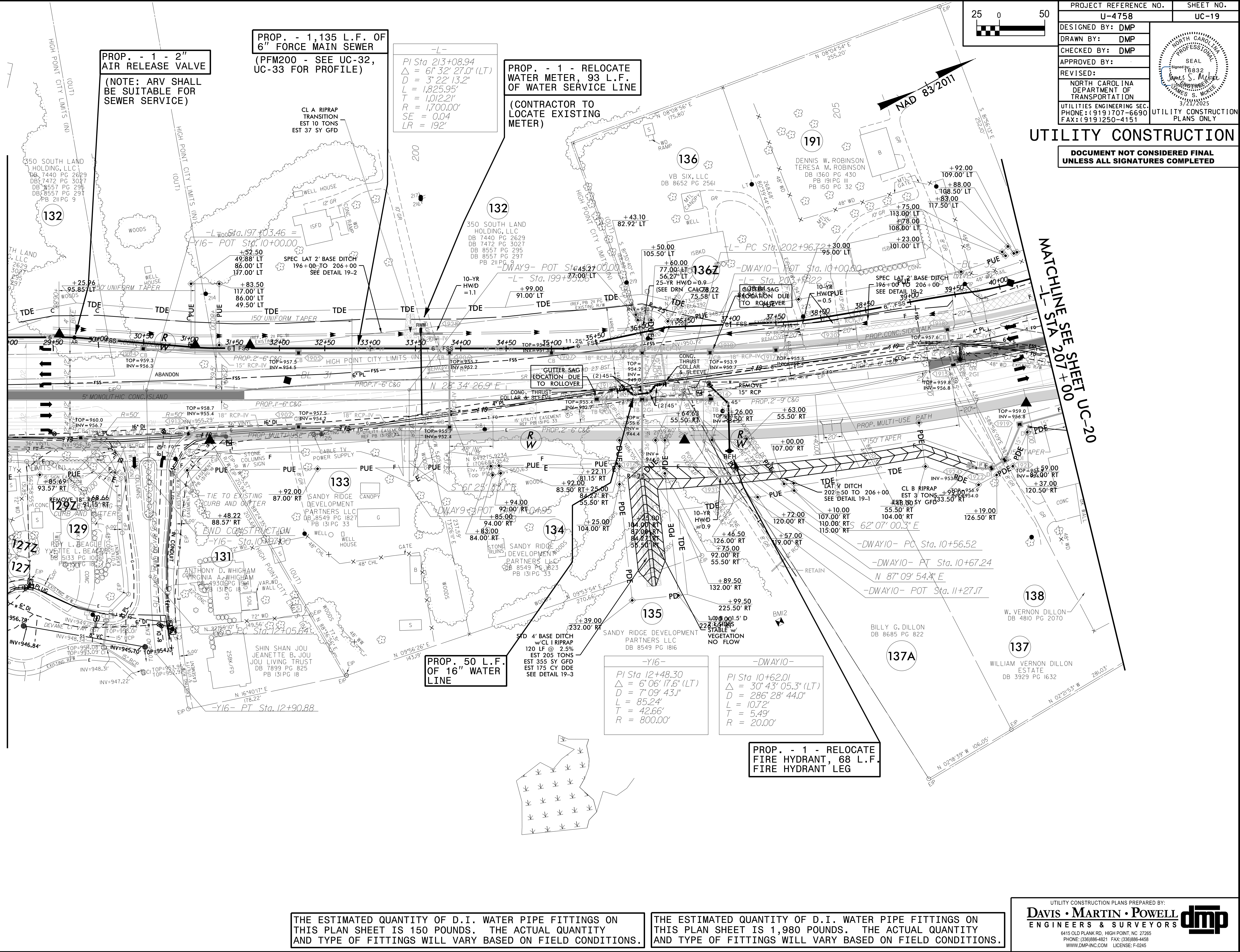
THE ESTIMATED QUANTITY OF D.I. WATER PIPE FITTINGS ON THIS PLAN SHEET IS 385 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

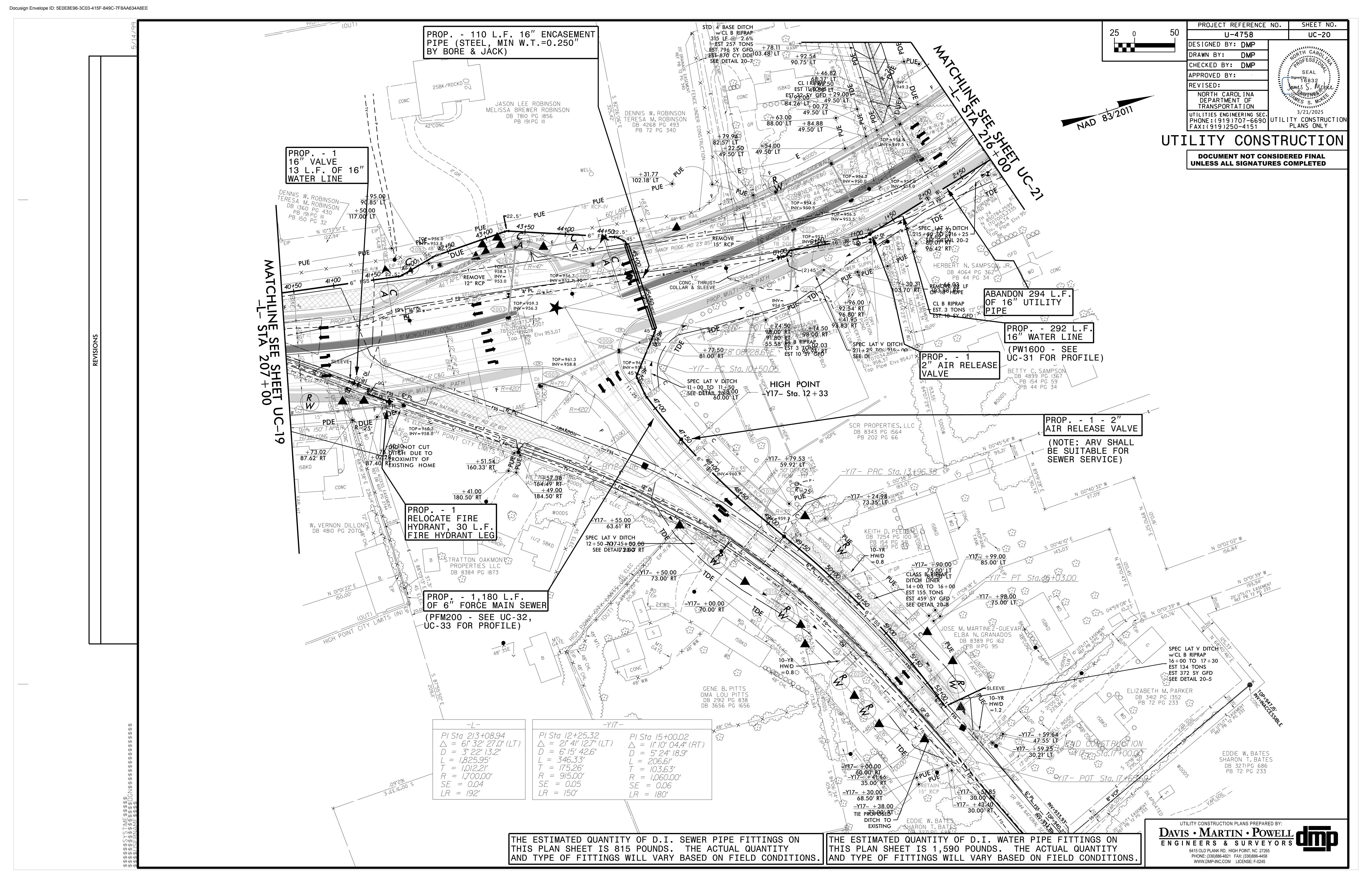
UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS
6415 OLD PLANK RD., HIGH POINT, NC 27265
PHONE: (336) 886-4821 FAX: (336) 886-4458
WWW.DMP-INC.COM LICENSE: F-0245

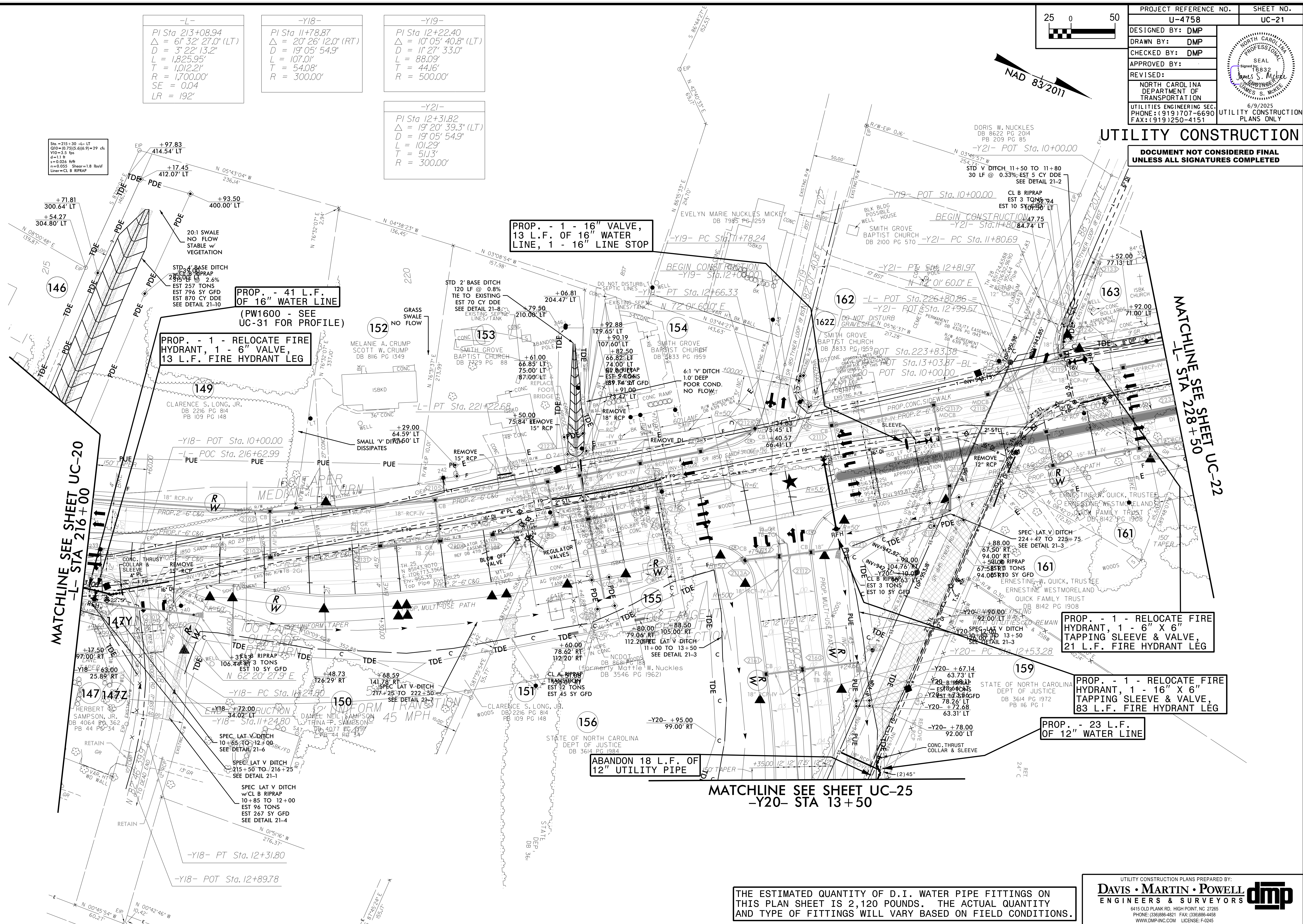
5/14/2018

REVISIONS

MATCHLINE SEE SHEET UC-18
-L- STA 195+50







THE ESTIMATED QUANTITY OF D.I. WATER PIPE FITTINGS ON THIS PLAN SHEET IS 2,120 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

UTILITY CONSTRUCTION PLANS PREPARED BY:

DAVIS • MARTIN • POWELL

ENGINEERS & SURVEYORS

6415 OLD PLANK RD. HIGH POINT, NC 27285
PHONE: (336)886-4821 FAX: (336)886-4458
WWW.DMP-INC.COM LICENSE: F-0245

dmp

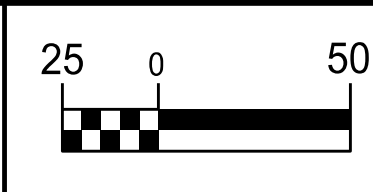
5/14/2025

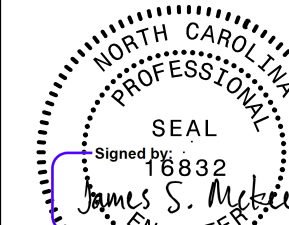
REVISIONS

MATCHLINE SEE SHEET UC-21
-L- STA 228+50

MATCHLINE SEE SHEET UC-23
-LI- STA 11+90

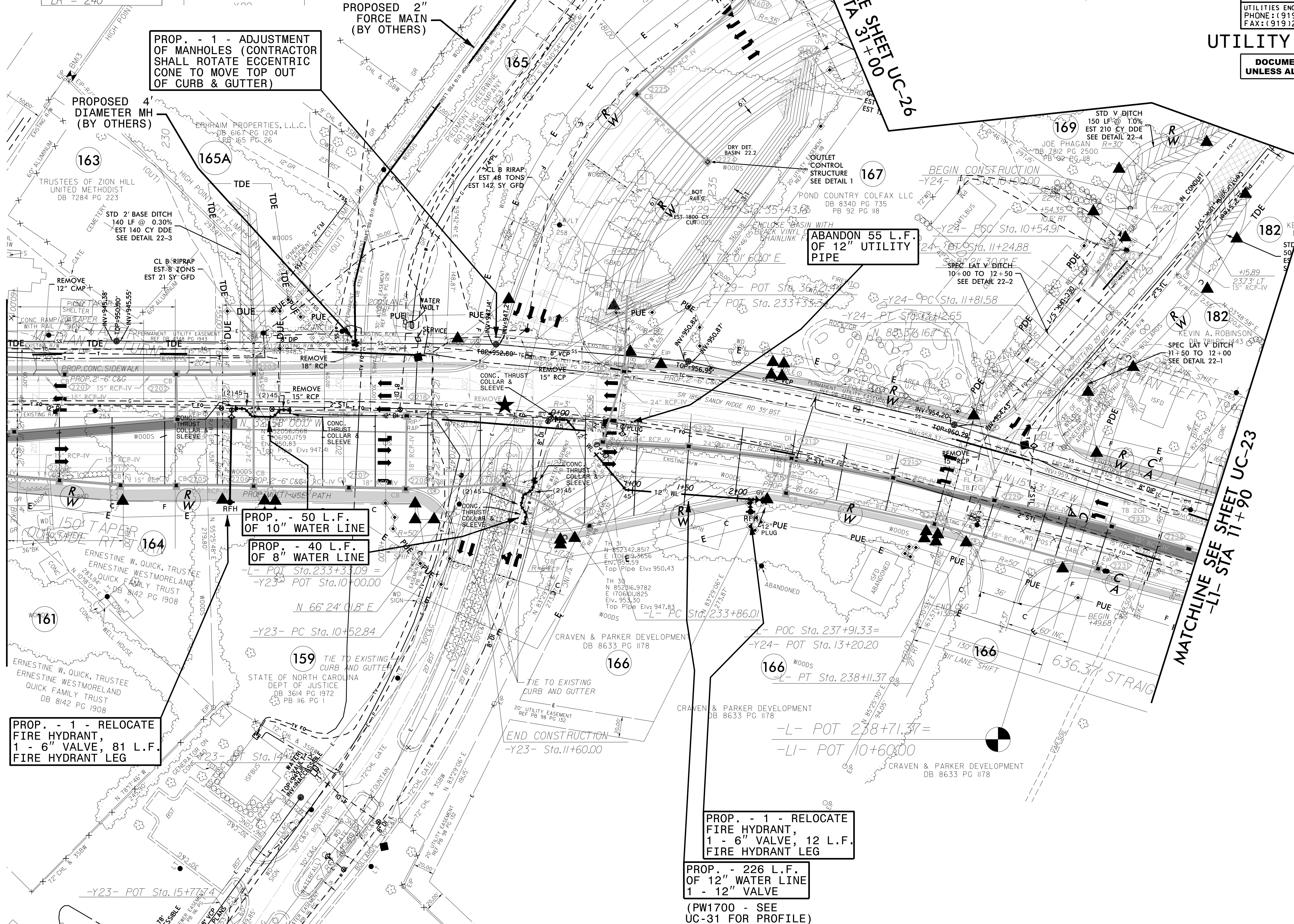
-L-	-Y24-	-Y24-	-Y24-
PI Sta 236+00.34 Δ = 17' 24" 28.7" (RT) D = 4' 05" 33.2" L = 425.36' T = 214.33' R = 1,400.00' SE = 0.04 LR = 240'	PI Sta 10+28.95 Δ = 44' 56" 32.2" (RT) D = 8' 05" 04.0" L = 54.91' T = 28.95' R = 70.00'	PI Sta 10+89.89 Δ = 1' 00" 08.1" (RT) D = 1' 25" 56.6" L = 69.97' T = 34.99' R = 4,000.00' DS = 35 MPH	PI Sta 12+47.49 Δ = 15' 01" 13.0" (LT) D = 11' 27" 33.0" L = 131.08' T = 65.92' R = 500.00' DS = 15 MPH



PROJECT REFERENCE NO.		SHEET NO.	
U-4758		UC-22	
DESIGNED BY: DMP			
DRAWN BY: DMP			
CHECKED BY: DMP			
APPROVED BY:			
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION			
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

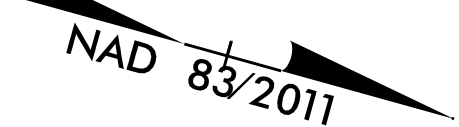
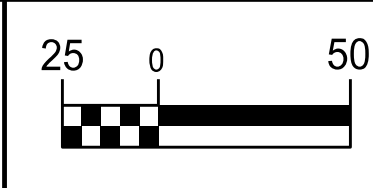
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



THE ESTIMATED QUANTITY OF D.I. WATER PIPE FITTINGS ON
THIS PLAN SHEET IS 2,445 POUNDS. THE ACTUAL QUANTITY
AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

5/14/2011

REVISIONS



PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-23
DESIGNED BY:	DMP	SEAL James S. McKel Professional Engineer North Carolina 16832
DRAWN BY:	DMP	
CHECKED BY:	DMP	
APPROVED BY:		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		3/21/2025
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

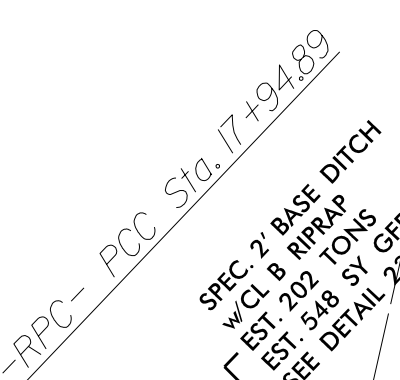
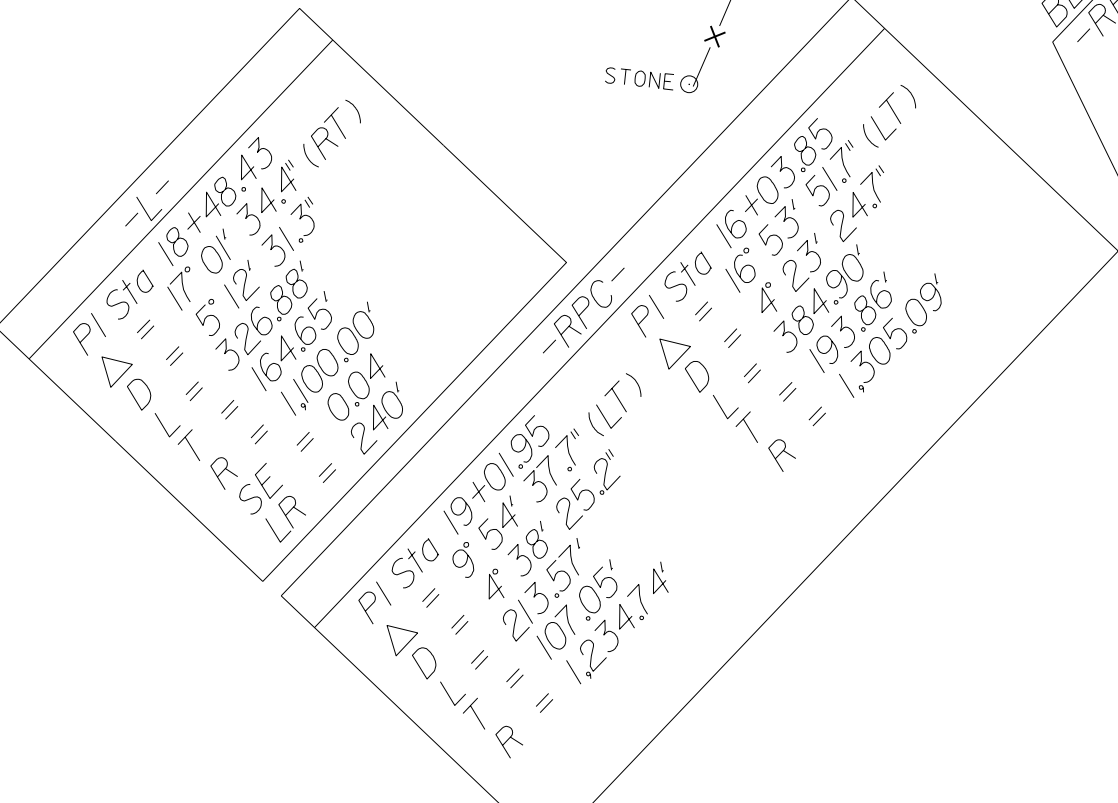
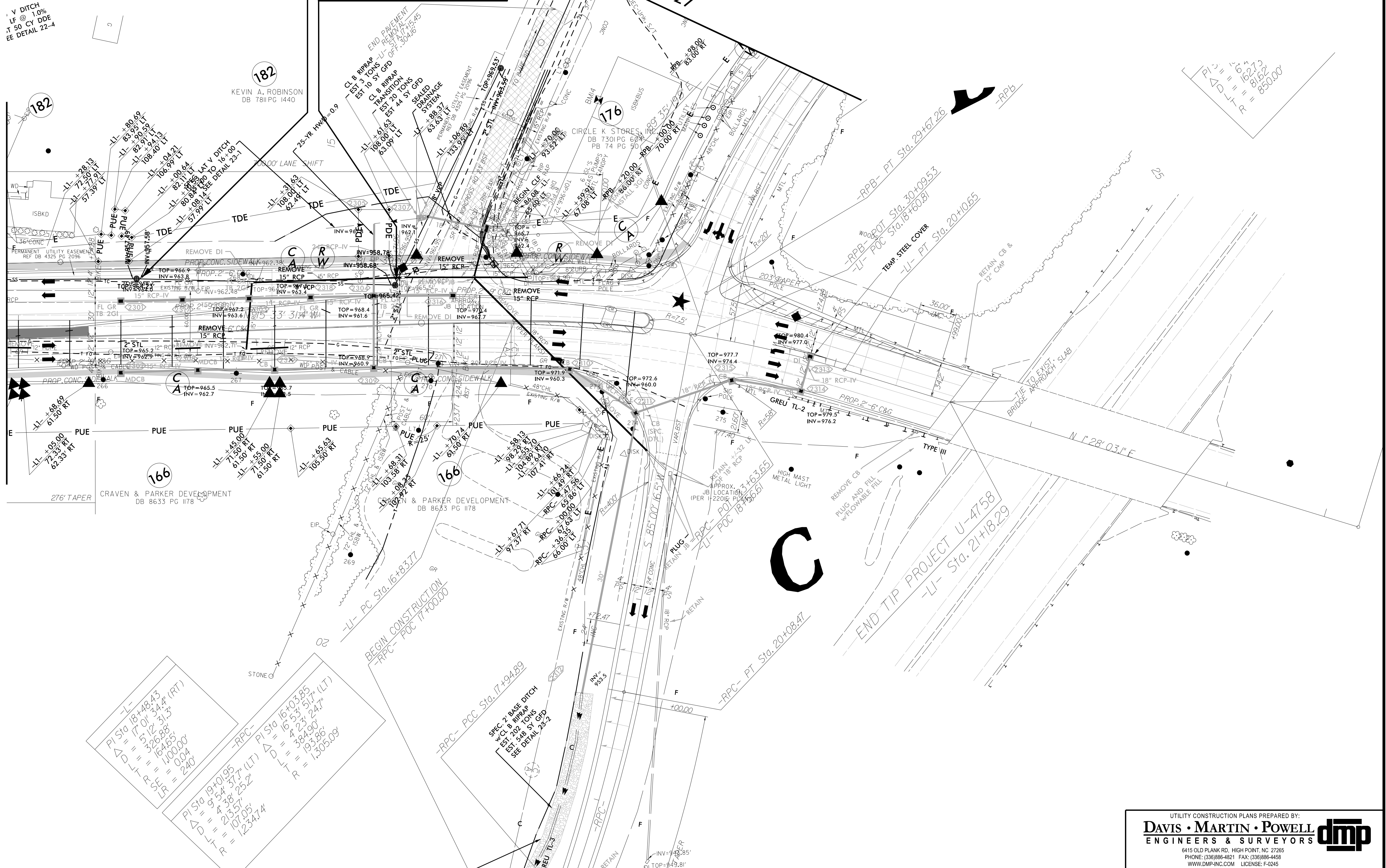
MATCHLINE SEE SHEET UC-22
-LI- STA 11+90

MATCHLINE SEE SHEET UC-26

MATCHLINE SEE SHEET UC-27

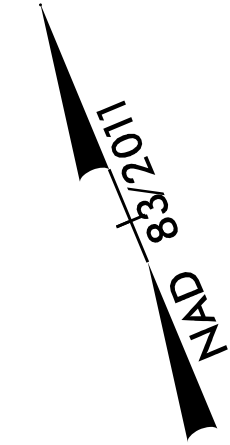
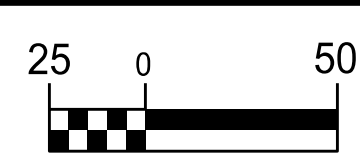
PROP. - 1 - RECONSTRUCT MANHOLE
STRUCTURES (RAISE TOP FROM EL. 964.23'
TO EL. 966.7' +/- USING PRECAST RISER)

PROP. - 1 - RECONSTRUCT
MANHOLE STRUCTURES
(RAISE TOP FROM EL. 965.51'
TO EL. 969.2' +/- USING
PRECAST RISER)



5/14/2025

REVISIONS



PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-24
DESIGNED BY: DMP	SEAL 18832 James S. Miller Professional Engineer 3/21/2025 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
DRAWN BY: DMP		
CHECKED BY: DMP		
APPROVED BY:		
REVISED:	UTILITY CONSTRUCTION PLANS ONLY	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

MATCHLINE SEE SHEET UC-12
-Y8- STA 12+00

MATCHLINE SEE SHEET UC-13
-Y26- STA 14+00

PROP. - 108 LF OF
18" ENCASEMENT
PIPE (STEEL,
MIN W.T. = 0.250"
BY OPEN CUT)

THE ESTIMATED QUANTITY OF D.I. WATER PIPE FITTINGS ON
THIS PLAN SHEET IS 1,005 POUNDS. THE ACTUAL QUANTITY
AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

-Y8-
PI Sta 18+02.44
Δ = 48' 26' 40.9" (RT)
D = 4' 46' 28.7"
L = 1014.62'
T = 539.86'
R = 1,200.00'
SE = 0.07
LR = 168'

-Y26-
PI Sta 11+61.10
Δ = 60' 32' 15.2" (LT)
D = 25' 27' 53.2"
L = 237.73'
T = 131.31'
R = 225.00'
SE = 0.06
DS = 30 MPH
LR = 126'

PROP. - 537 L.F.
OF 8" WATER LINE
(PW900 - SEE
UC-30 FOR PROFILE)

PROP. - 1 - FIRE HYDRANT,
1 - 6" VALVE, 43 L.F. OF
FIRE HYDRANT LEG
8" X 6" TEE

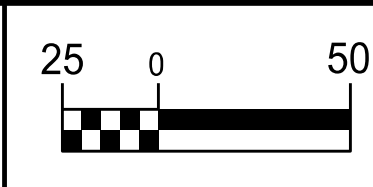
PROP. - 1
RELOCATE FIRE HYDRANT,
26 L.F. FIRE HYDRANT LEG

CL B RIPRAP
DITCH LINER
12+50 TO 18+00
MIN D=1.5'
EST 565 TONS
EST 1572 SY GFD
SEE DETAIL 24-5

CL B RIPRAP
DITCH LINER
20+50 TO 22+00
MIN D=1.5'
EST 154 TONS
EST 429 SY GFD
SEE DETAIL 24-5

5/14/2017

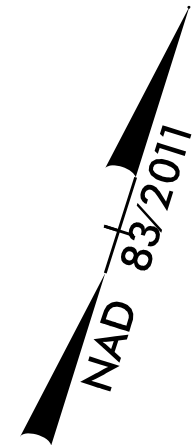
REVISIONS



PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-25
DESIGNED BY: DMP		
DRAWN BY: DMP		
CHECKED BY: DMP		
APPROVED BY:		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		UTILITY CONSTRUCTION PLANS ONLY
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



MATCHLINE SEE SHEET UC-21
-Y20- STA 13+50

MATCHLINE SEE SHEET UC-27A
-Y20- STA 23+50

PROP. - 64 L.F.
OF 12" WATER LINE

PROP. - 1 - ADJUSTMENT
OF MANHOLES

PROP. - 1 - RELOCATE FIRE
HYDRANT;
35 L.F. FIRE HYDRANT LEG

PROP. - 1
ADJUSTMENT
OF MANHOLES

ABANDON 51 L.F. OF
12" UTILITY PIPE

PROP. - 1 - RELOCATE FIRE
HYDRANT; 44 L.F. FIRE
HYDRANT LEG

PROP. - 1 - 12"
RPZ BACKFLOW
PREVENTER

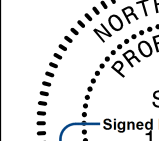
PROP. - 40 LF OF
12" WATER LINE

PROP. - 1
REMOVE EXISTING VAULT

(CITY OF HIGH POINT: 575 POUNDS)
(STATE: 1,150 POUNDS)

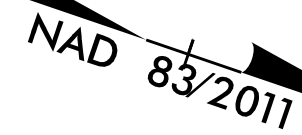
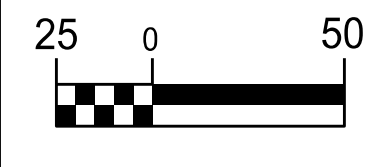
THE ESTIMATED QUANTITY OF D.I. WATER PIPE FITTINGS ON
THIS PLAN SHEET IS 1,725 POUNDS. THE ACTUAL QUANTITY
AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS
6415 OLD PLANK RD., HIGH POINT, NC 27265
PHONE: (336) 886-4821 FAX: (336) 886-4458
WWW.DMP-INC.COM LICENSE: F-0245

PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-26
DESIGNED BY: DMP		
DRAWN BY: DMP		
CHECKED BY: DMP		
APPROVED BY:		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



REVISIONS

PROPOSED WASTEWATER
PUMP STATION (PRIVATE,
FOR CHEERWINE ONLY)
(BY OTHERS)

PROPOSED 2"
FORCE MAIN
(BY OTHERS)

PROPOSED FIRE
HYDRANT
RELOCATION
(BY OTHERS)

3.0' BASE x 1.5' DEEP
3:1 SIDES, STABLE w/
TREES & VEG.
NO FLOW

TIE TO
EXIST. DITCH

Front Ditch Slope
LT

ST Sta. 14+05.59

BASE DITCH
@ 0.40%
85 CY DDE
DETAIL 26-8

RIPRAP
TONS
CY GFD

PROPOSED 4"
GRAVITY SEWER
(BY OTHERS)

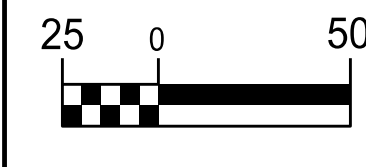
MATCHLINE SEE SHEET UC-22
-Y29- STA 31+00

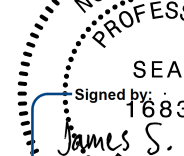
MATCHLINE
SEE SHEET UC-22

MATCHLINE SEE SHEET UC-23

MATCHLINE SEE SHEET UC-27
-Y29- STA 22+00

THIS SHEET IS FOR INFORMATIONAL PURPOSES
ONLY. NO WATER OR SEWER CONFLICTS ARE
ANTICIPATED ON THIS SHEET.

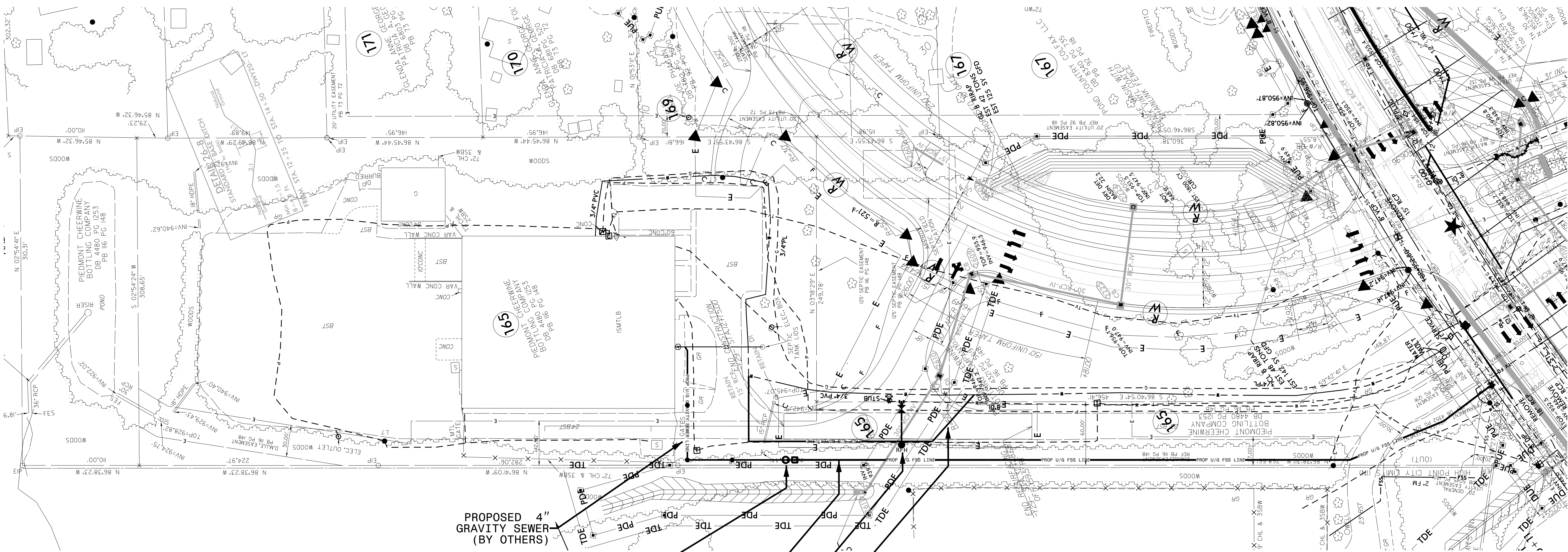


PROJECT REFERENCE NO.		SHEET NO.	
U-4758		UC-26A	
DESIGNED BY: DMP			
DRAWN BY: DMP			
CHECKED BY: DMP			
APPROVED BY:			
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		3/21/2025	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

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NAD 83/2011



PROPOSED 4'
GRAVITY SEWER
(BY OTHERS)

PROPOSED WASTEWATER
PUMP STATION (PRIVATE,
FOR CHEERWINE ONLY)
(BY OTHERS)

PROPOSED 2'
FORCE MAIN
(BY OTHERS)

PROPOSED FIRE HYDRANT RELOCATION (BY OTHERS)

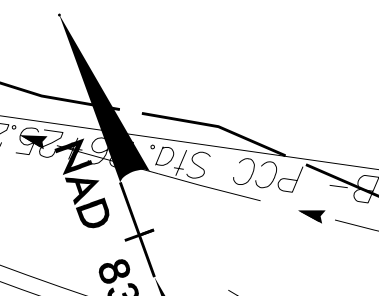
PROPOSED WATER
SERVICE LINE
(BY OTHERS)

UTILITY CONSTRUCTION PLANS PREPARED BY

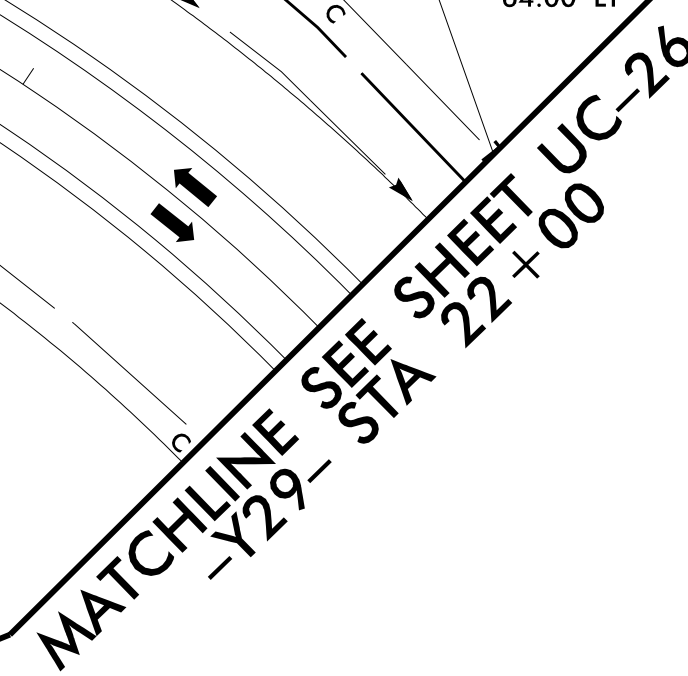
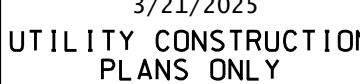
DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS

6415 OLD PLANK RD, HIGH POINT, NC 27262
PHONE: (336)886-4821 FAX: (336)886-4458
WWW.DMP-INC.COM LICENSE: F-0245





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UNLESS ALL SIGNATURES COMPLETED**



-Y29-	
<i>P/Sta 14+31.45</i>	<i>P/Sta 20+48.86</i>
$\Delta = 3^{\circ} 54' 37.6" (LT)$	$\Delta = 5^{\circ} 13' 15.7" (RT)$
<i>D = 3^{\circ} 22' 13.2"</i>	<i>D = 11^{\circ} 48' 48.8"</i>
<i>L = 116.03'</i>	<i>L = 433.57'</i>
<i>T = 58.04'</i>	<i>T = 232.48'</i>
<i>R = 1,700.00'</i>	<i>R = 485.00'</i>
	<i>SE = 0.06</i>
	<i>LR = 126'</i>

UTILITY CONSTRUCTION PLANS PREPARED BY:

DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS

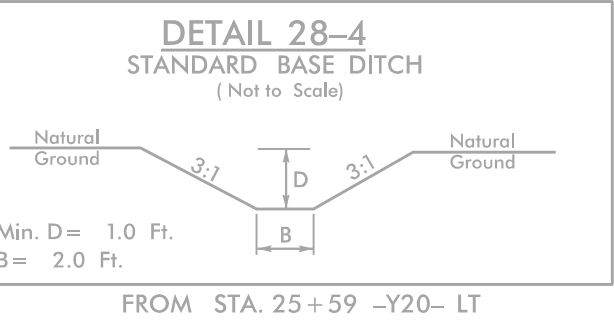
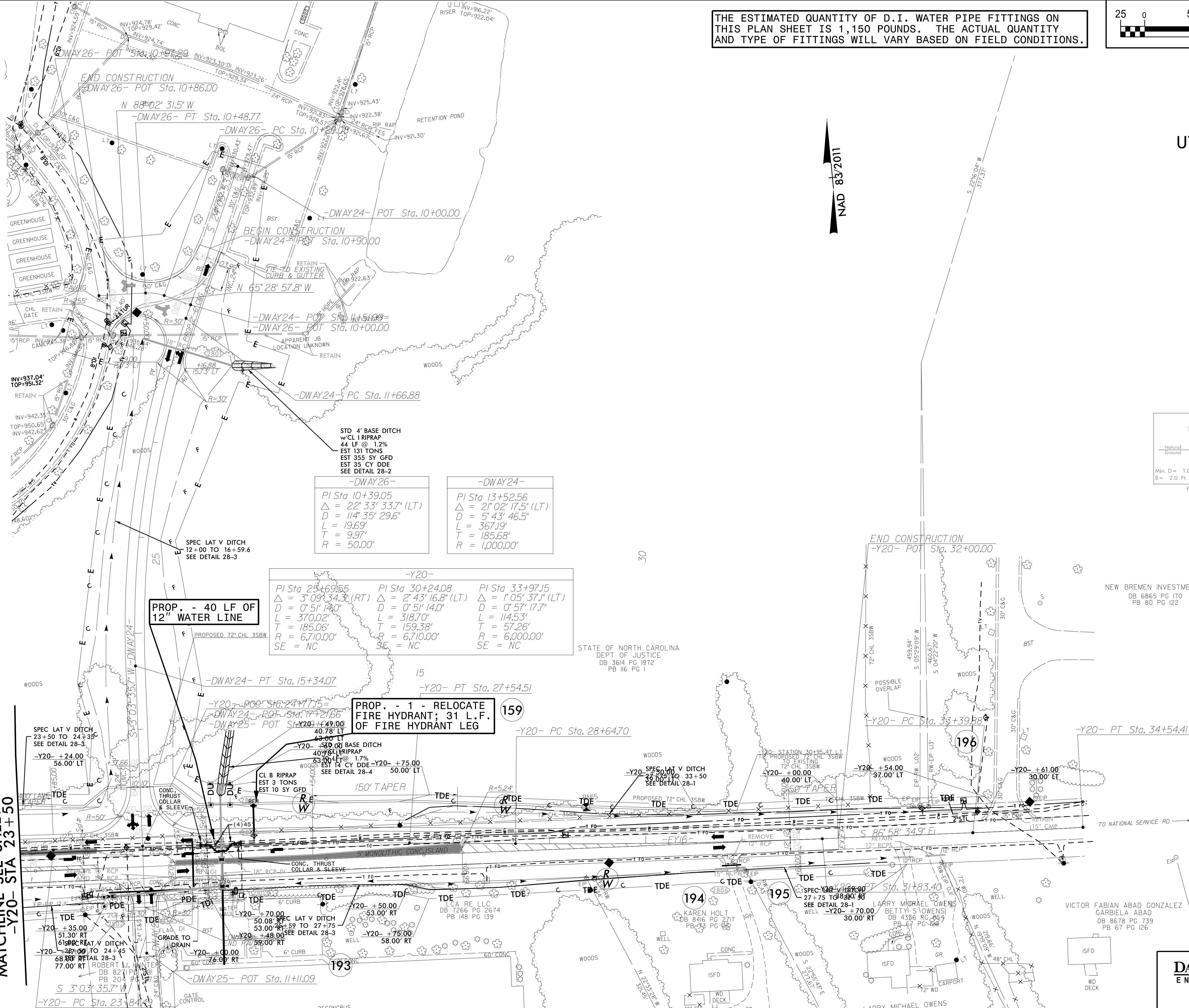
6415 OLD PLANK RD., HIGH POINT, NC 27265
PHONE: (336)886-4821 FAX: (336)886-4458
WWW.DMP-INC.COM LICENSE: F-0245

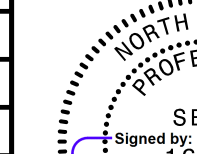
dmp

5/14/2011

REVISIONS

MATCHLINE SEE SHEET UC-25
-Y20- STA 23+50



PROJECT REFERENCE NO.		SHEET NO.	
U-4758		UC-27A	
DESIGNED BY: DMP			
DRAWN BY: DMP			
CHECKED BY: DMP			
APPROVED BY:			
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION			
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

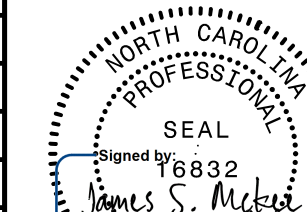
NEW BREMEN INVESTMENTS INC
DB 6865 PG 170
PB 80 PG 122

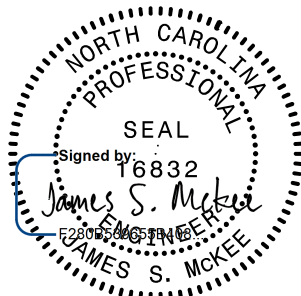
VICTOR FABIAN ABAD GONZALEZ
CARIELA ABAD
DB 8678 PG 739
PB 67 PG 126

UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS
6415 OLD PLANK RD, HIGH POINT, NC 27265
PHONE: (336) 886-4821 FAX: (336) 886-4458
WWW.DMP-INC.COM LICENSE: F-0245

5/14/20

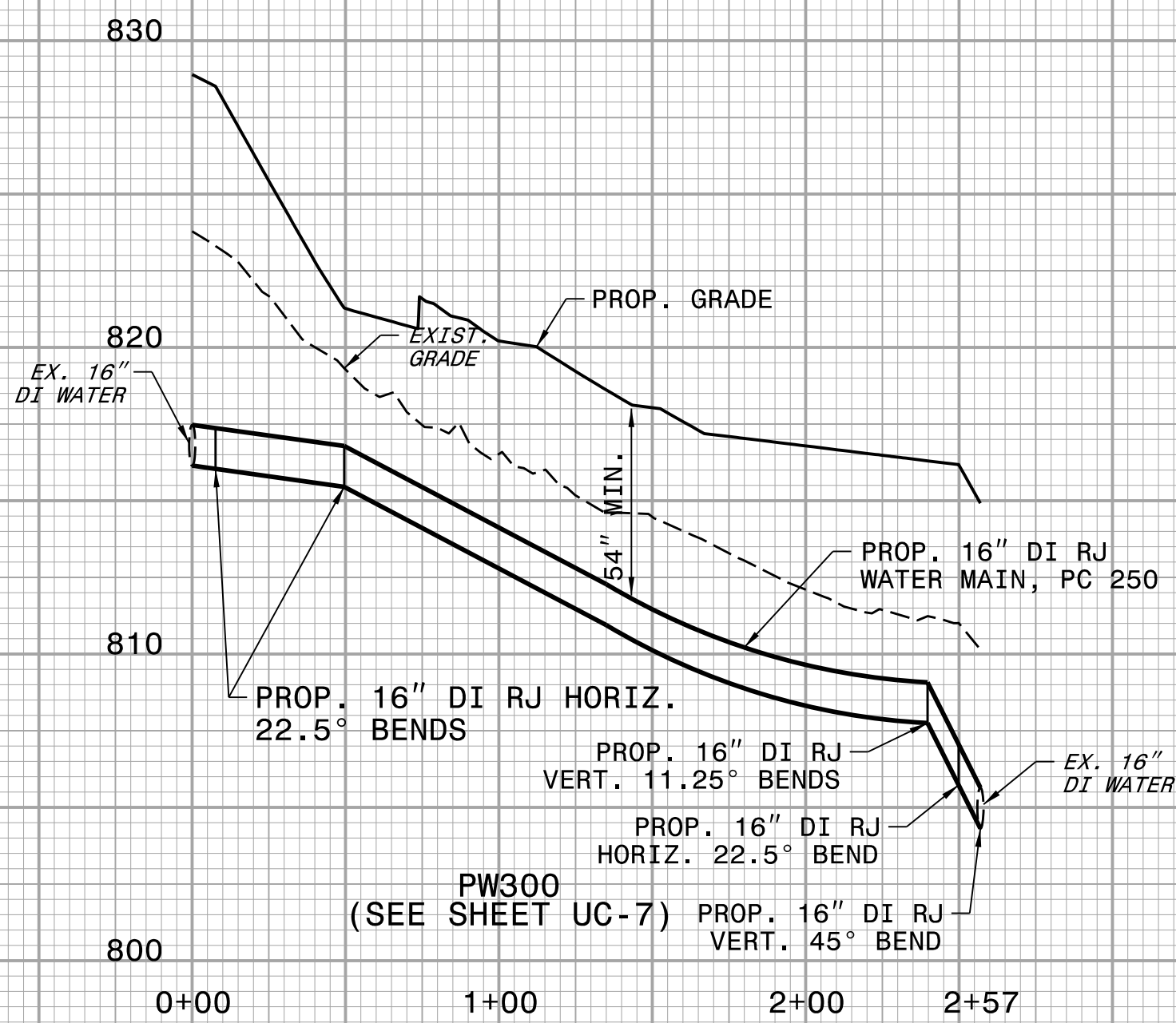
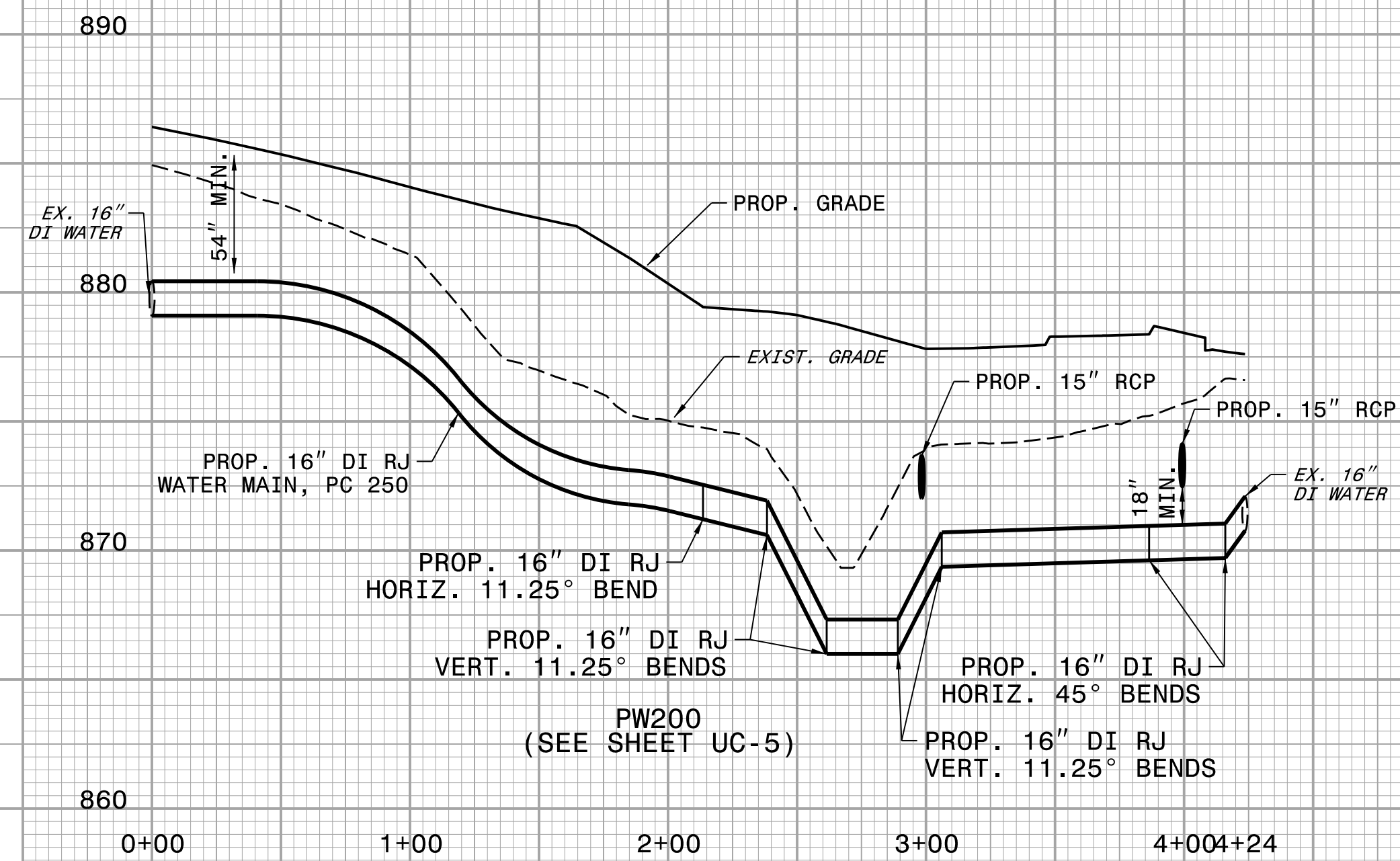
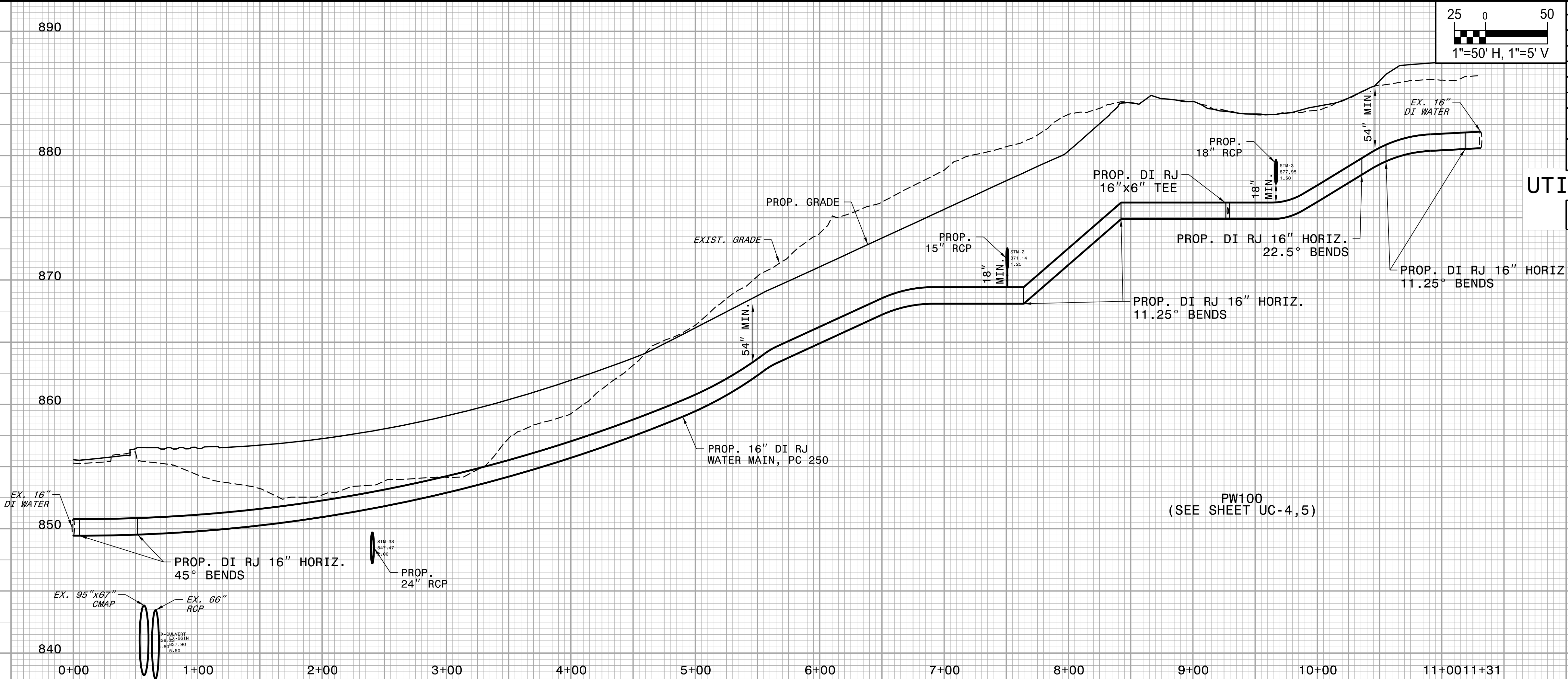


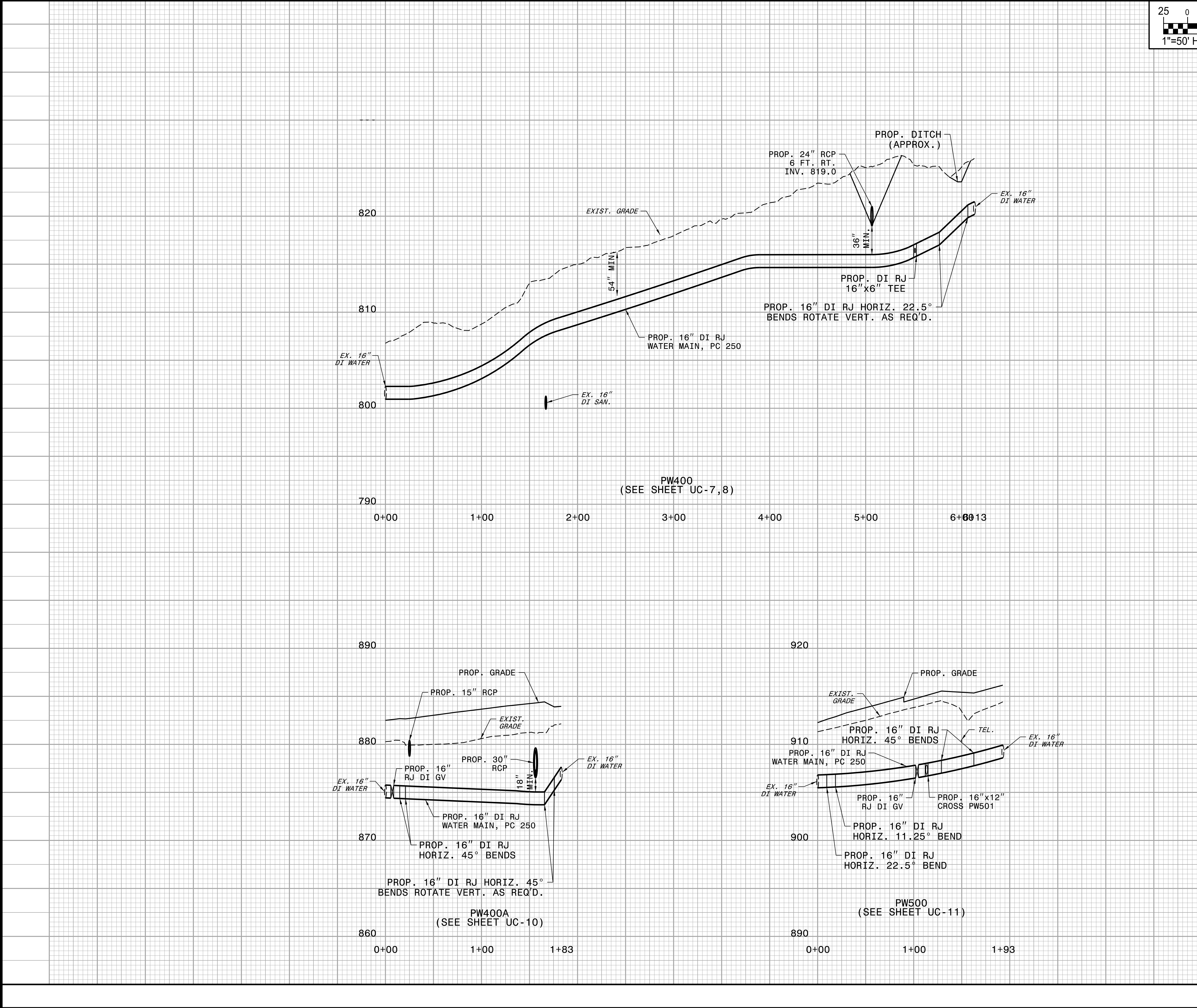
PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-28
DESIGNED BY: DMP		
DRAWN BY: DMP		
CHECKED BY: DMP		
APPROVED BY:		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		UTILITY CONSTRUCTION PLANS ONLY
UTILITIES ENGINEERING SEC.		
PHONE: (919) 707-6690 FAX: (919) 250-4151		



UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED





25050

1"=50' H, 1"=5' V

PROJECT REFERENCE NO.		SHEET NO.	
U-4758		UC-29	
DESIGNED BY: DMP		SEAL Signed JAMES S. MCKEE 3/21/2025 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION ENGINEER UTILITY CONSTRUCTION PLANS ONLY	
DRAWN BY: DMP			
CHECKED BY: DMP			
APPROVED BY:			
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION			
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151			

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



250050

1"=50' H, 1"=5' V

PROJECT REFERENCE NO.

U-4758

SHEET NO.

UC-31

DESIGNED BY: DMP

DRAWN BY: DMP

CHECKED BY: DMP

APPROVED BY:

REVISED:

NORTH CAROLINA
DEPARTMENT OF
TRANSPORTATION

UTILITIES ENGINEERING SEC.
PHONE: (919) 707-6690
FAX: (919) 250-4151

UTILITY CONSTRUCTION
PLANS ONLY

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

940

930

920

910

0+00

1+00

1+38

PROP. GRADE

EXIST. GRADE

PROP. 15" RCP

EX. 16" DI WATER

PROP. 16" DI RJ WATER MAIN, PC 250

PROP. 16" DI RJ
HORIZ. 45° BENDS

PROP. 16" DI RJ
HORIZ. 11.25° BEND

PW1100
(SEE SHEET UC-14,15)

940

930

920

910

0+00

0+47

EXIST. GRADE

PROP. GRADE

TEL.

EX. 16" DI WATER

PROP. 16" DI RJ WATER MAIN, PC 250

EX. 16" DI WATER

PROP. 16" DI RJ
HORIZ. 45° BENDS

PW1100A
(SEE SHEET UC-15)

950

940

930

920

0+00

1+00

1+42

PROP. GRADE

EXIST. GRADE

TEL.

EX. 16" DI WATER

PROP. 16" DI RJ WATER MAIN, PC 250

PROP. 16" DI RJ
HORIZ. 45° BENDS

PW1200
(SEE SHEET UC-15)

950

940

930

920

0+00

1+00

1+63

PROP. GRADE

EXIST. GRADE

PROP. 15" RCP

EX. 16" DI WATER

PROP. 24" RCP

FO

EX. 16" DI WATER

PROP. 16" DI RJ WATER MAIN, PC 250

PROP. 16" DI RJ
HORIZ. 45° BENDS

PW1300
(SEE SHEET UC-15)

950

940

930

920

0+00

0+91

PROP. GRADE

EXIST. GRADE

EX. 16" DI WATER

PROP. 16" DI RJ WATER MAIN, PC 250

EX. 16" DI WATER

PROP. 16" DI RJ
HORIZ. 45° BENDS

PW1400
(SEE SHEET UC-16)

970

960

950

940

0+00

1+00

1+87

PROP. GRADE

EXIST. GRADE

TEL.

EX. 16" DI WATER

FO

PROP. 16" DI RJ WATER MAIN, PC 250

EX. 16" DI WATER

PROP. 16" DI RJ
HORIZ. 45° BENDS

PW1500
(SEE SHEET UC-17)

970

960

950

940

0+00

1+00

2+00

3+00

3+33

PROP. GRADE

EXIST. GRADE

TEL.

EX. 16" DI WATER

EX. 4" PL GAS

24" MIN.

54" MIN.

PROP. 2" ARV IN MH

PROP. 16"x6" DI RJ TEE

PROP. 16" DI RJ
HORIZ. 22.5° BEND

PROP. 16" DI RJ
HORIZ. 45° BENDS

PROP. 16" DI RJ
WATER MAIN, PC 250

PW1600
(SEE SHEET UC-20,21)

970

960

950

940

0+00

1+00

2+00

2+27

EXIST. PROP. GRADE

EXIST. GRADE

EX. 16" DI WATER

EX. 12" DI WATER

EXIST. 15" RCP (TBR)

54" MIN.

PROP. 12" DI RJ GV

PROP. 12"x6" DI RJ TEE

PROP. 12" DI RJ
WATER MAIN, PC 350

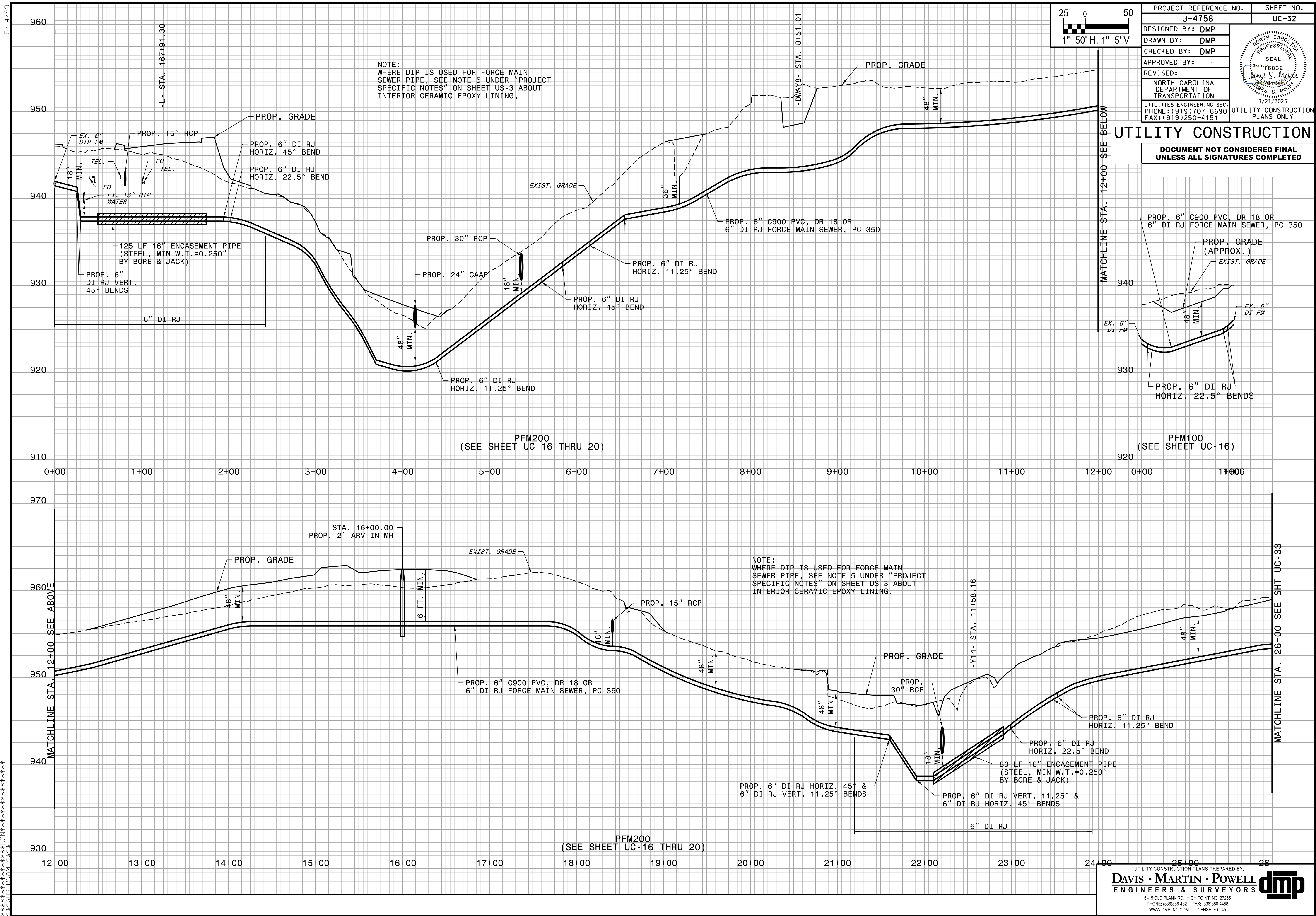
PROP. 12" DI RJ
HORIZ. 45° BEND

PW1700
(SEE SHEET UC-22)

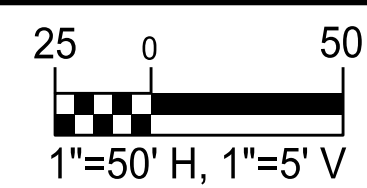
UTILITY CONSTRUCTION PLANS PREPARED BY:
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dmp

5/14/99



5/14/23



PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-33
DESIGNED BY: DMP		
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REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		3/21/2025
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