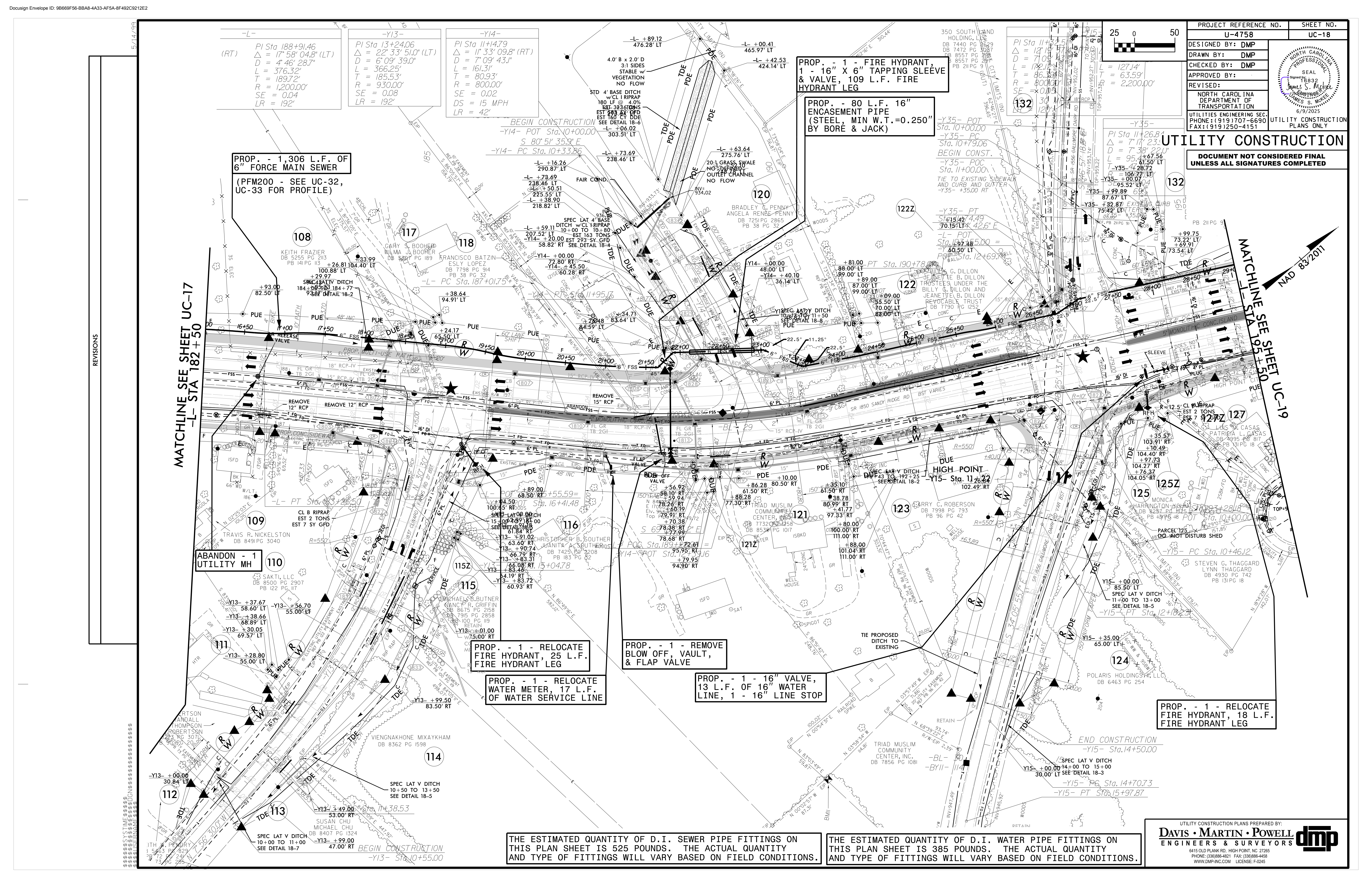




-L-	-Y13-	-Y14-
PI Sta 188+91.46 Δ = 17° 58' 04.8" (LT) D = 4' 46' 28.7" L = 376.32' T = 189.72' R = 1,200.00' SE = 0.04 LR = 192'	PI Sta 13+24.06 Δ = 22° 33' 51.0" (LT) D = 6' 09' 39.0" L = 366.25' T = 185.53' R = 930.00' SE = 0.08 LR = 192'	PI Sta 11+47.9 Δ = 11° 33' 09.8" (RT) D = 7' 09' 43.1" L =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

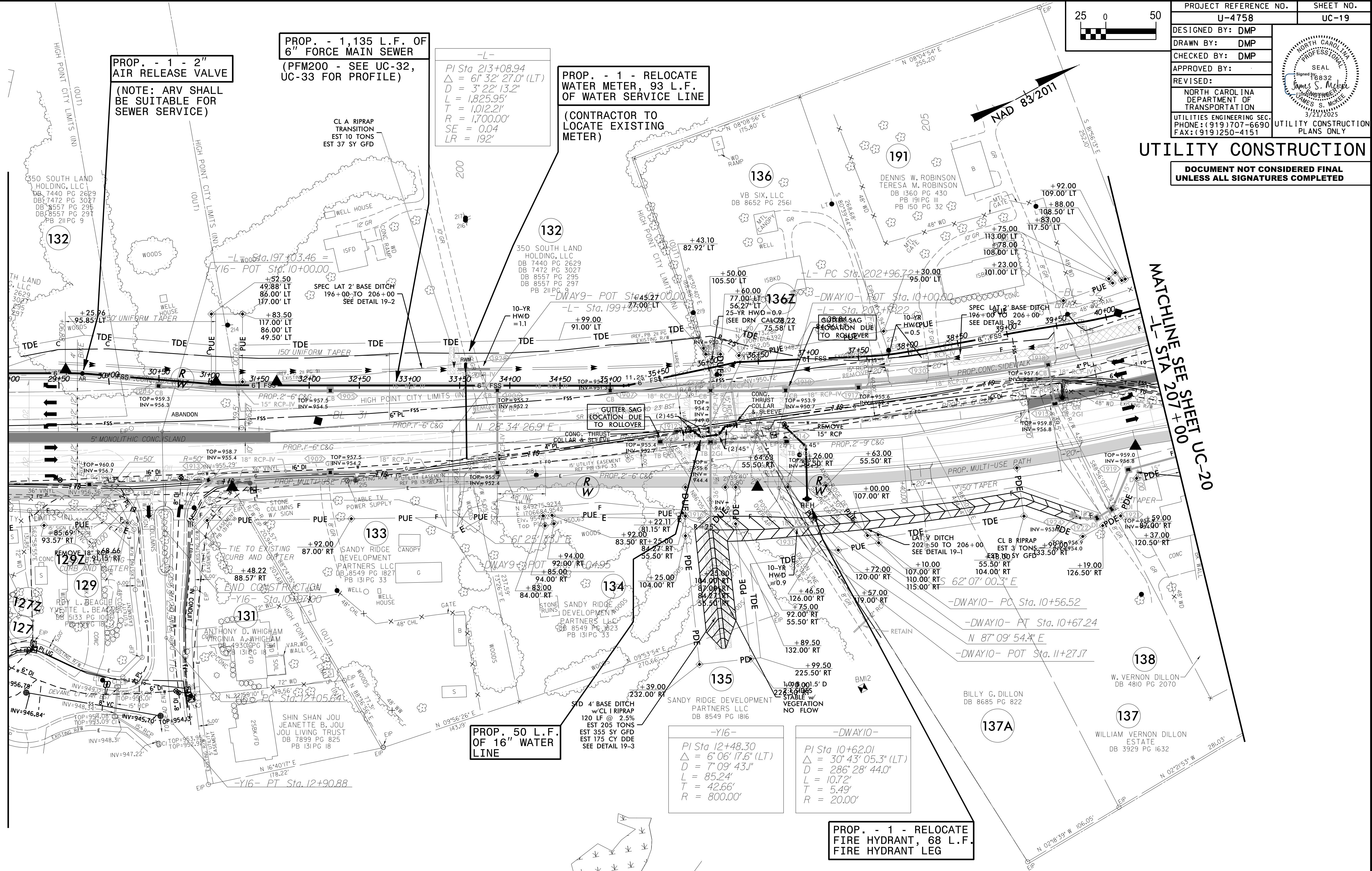
THE ESTIMATED QUANTITY OF D.I. WATER PIPE FITTINGS ON THIS PLAN SHEET IS 385 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

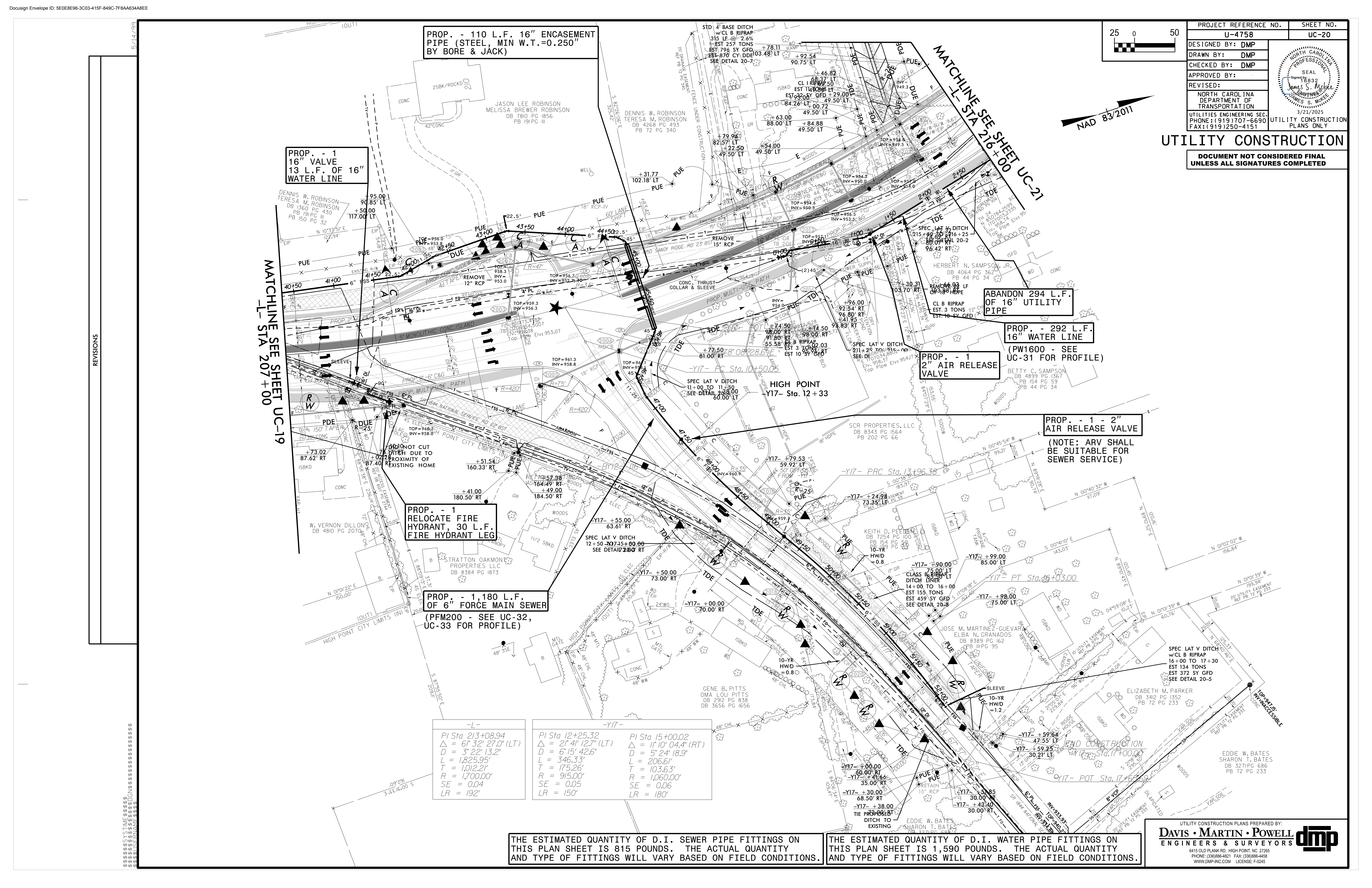
UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS & MARTIN & POWELL
ENGINEERS & SURVEYORS
6415 OLD PLANK RD., HIGH POINT, NC 27265
PHONE: (336) 886-4821 FAX: (336) 886-4458
WWW.DMP-INC.COM LICENSE: F-0245

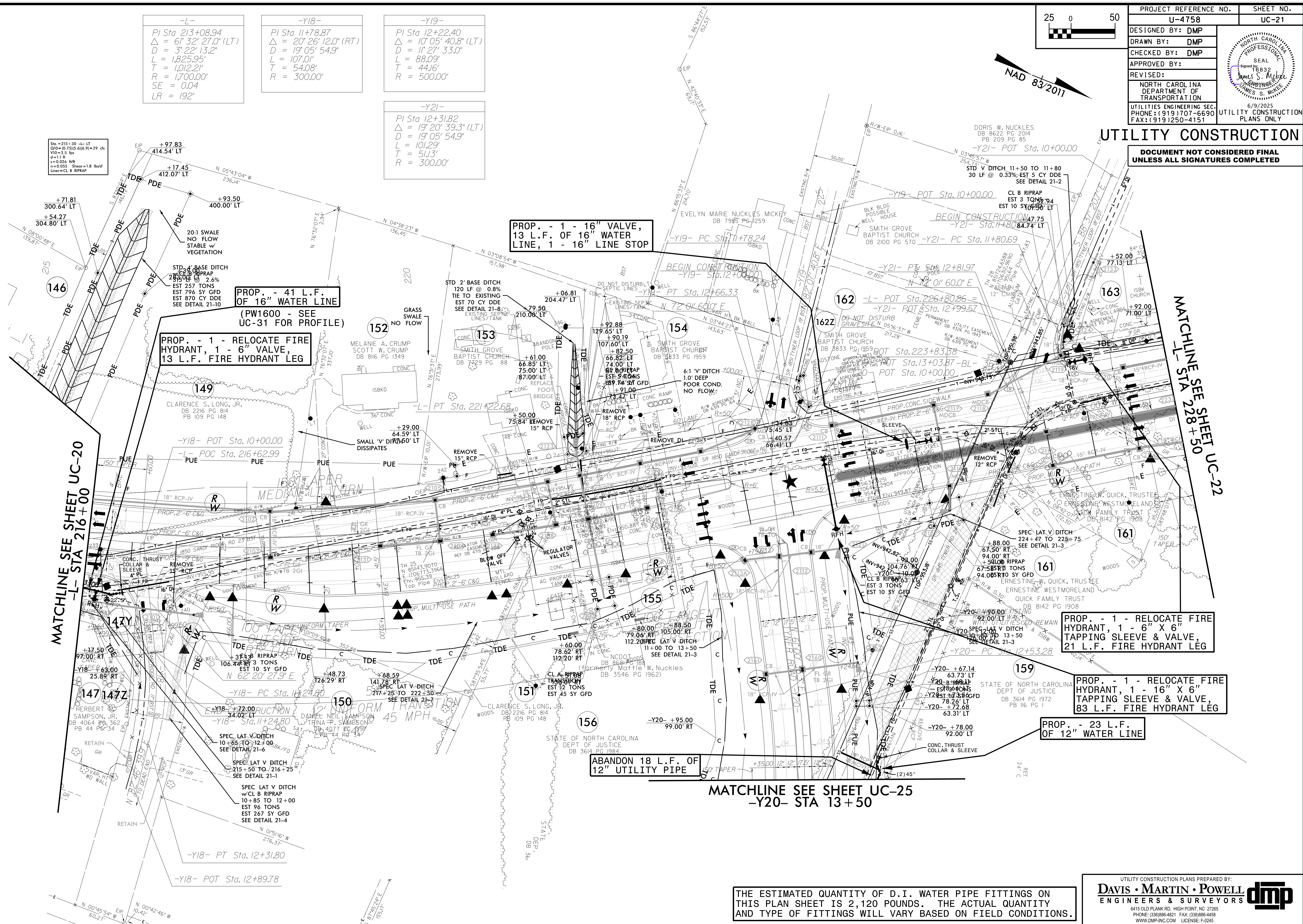
5/14/20

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.

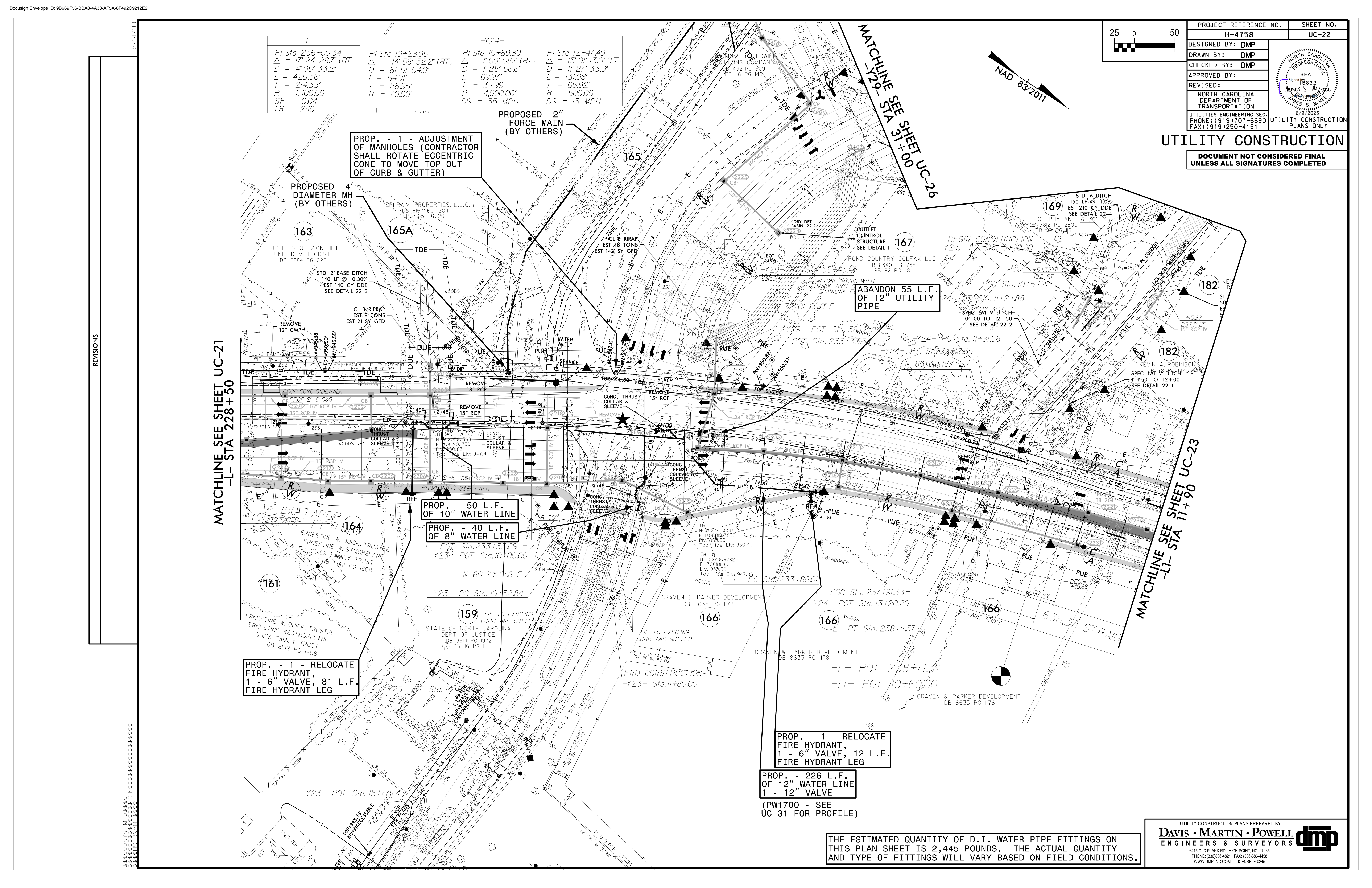
UTILITY CONSTRUCTION PLANS PREPARED BY:

DAVIS • MARTIN • POWELL

ENGINEERS & SURVEYORS

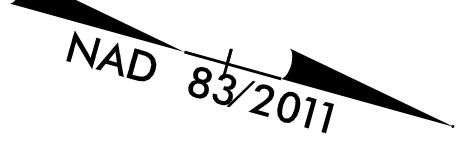
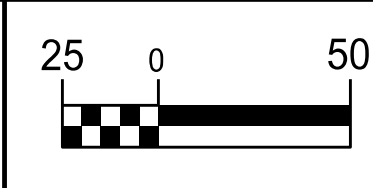
6415 OLD PLANK RD., HIGH POINT, NC 27265
PHONE: (336)886-4821 FAX: (336)886-4458
WWW.DMP-INC.COM LICENSE: F-0245

The logo for Davis Martin Powell (DMP) features the letters 'dmp' in a bold, lowercase, sans-serif font. The letters are black with a white outline, giving them a three-dimensional appearance. The 'd' and 'm' are connected, and the 'p' is slightly separated. The logo is positioned to the right of the company name and contact information.



5/14/2011

REVISIONS



PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-23
DESIGNED BY:	DMP	SEAL James S. McKel Professional Engineer 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

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UNLESS ALL SIGNATURES COMPLETED

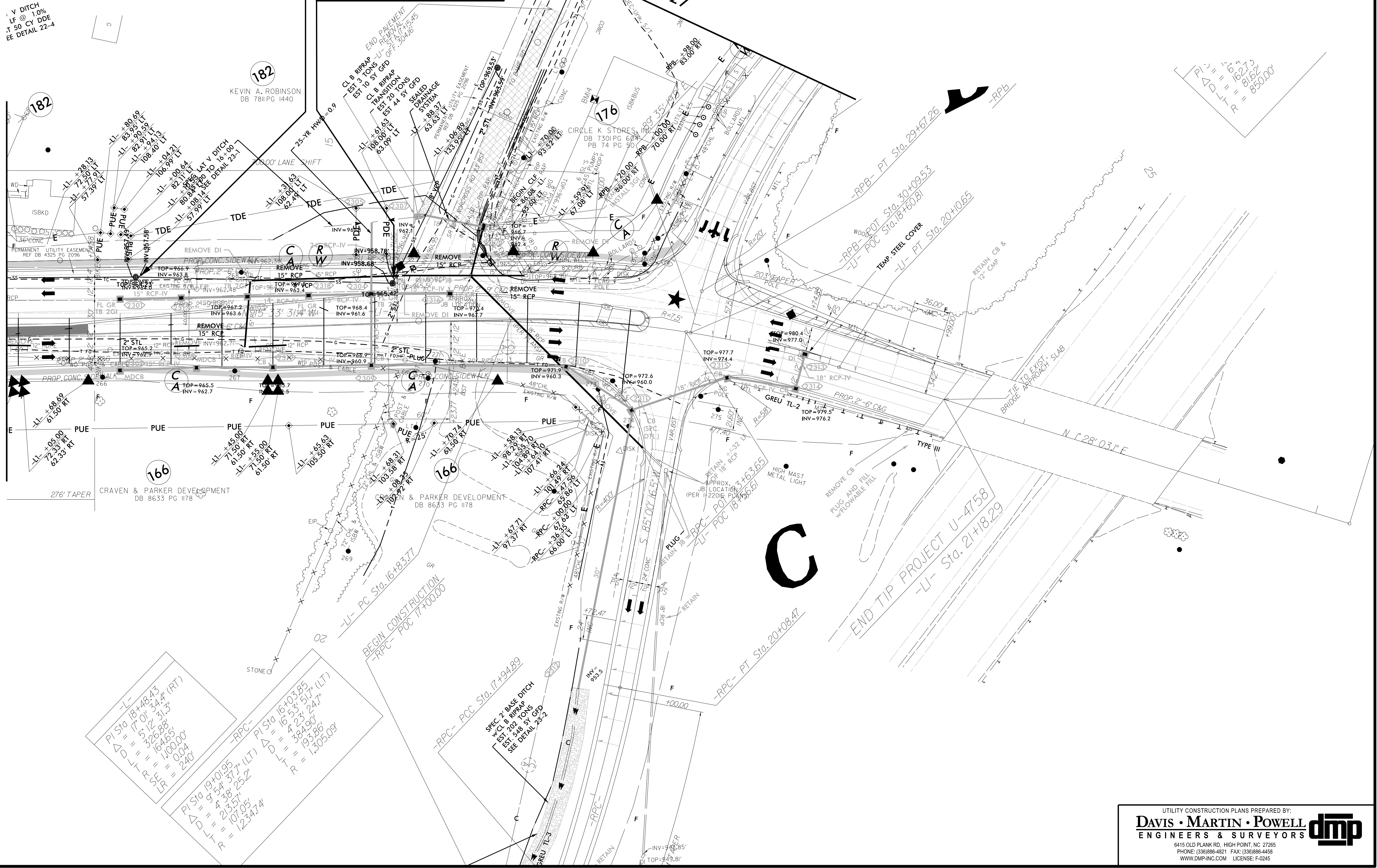
MATCHLINE SEE SHEET UC-22
-LI- STA 11+90

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)



PI STA 16+48.43
ΔD = 162.72
ΔJ = 162.72
R = 850.00

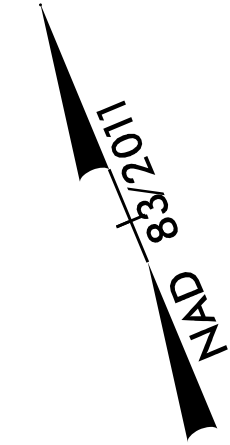
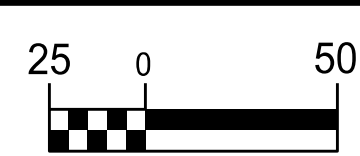
LI- STA 18+48.43
PI STA 17+01.34 (RT)
ΔD = 17.01
ΔJ = 17.01
R = 1000.00

RPC- STA 16+03.85
PI STA 16+03.85
ΔD = 16.03
ΔJ = 16.03
R = 1305.09

RPC- STA 17+04.89
SPEC 21 BASE DITCH
VCI 8 @ 10' P.P.P.
EST 1.5 @ 10' P.P.P.
SEE DETAIL 23-2

5/14/2025

REVISIONS



PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-24
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		3/21/2025 UTILITY CONSTRUCTION PLANS ONLY

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. = .0250"
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'

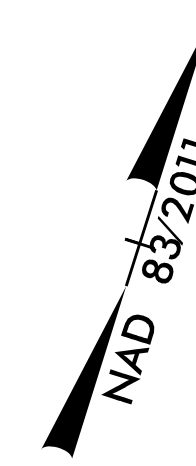
PI Sta 14+09.63
Δ = 13' 09' 55.5" (RT)
D = 5' 52' 35.4"
L = 224.04'
T = 112.51'
R = 975.00'
SE = 0.05
LR = 105'

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

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

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

IZHAR AB
SAMINA ASI
DB 7893
PB 163



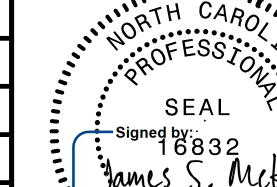
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

UTILITY CONSTRUCTION PLANS PREPARED BY:

DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS

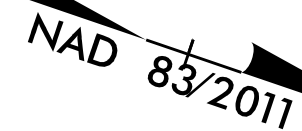
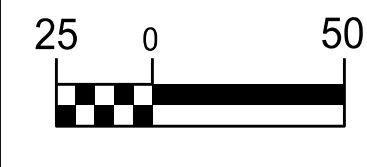
6415 OLD PLANK RD. HIGH POINT, NC 27265
PHONE: (336)886-4821 FAX: (336)886-4458
WWW.DMP-INC.COM LICENSE: E-0245

dmp

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		UTILITY CONSTRUCTION PLANS ONLY
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		

UTILITY CONSTRUCTION

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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

Station = DWY26-14+50 LT
n=0.0305, 618.9'
= 37.4' c/s
= 2.5' c/s
= 1.4' c/s
= 0.004 R/L, n=0.030
= Vegetation

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

RIPRAP
TONS
CY GFD

66.82
+46.40

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

INV 939.8

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

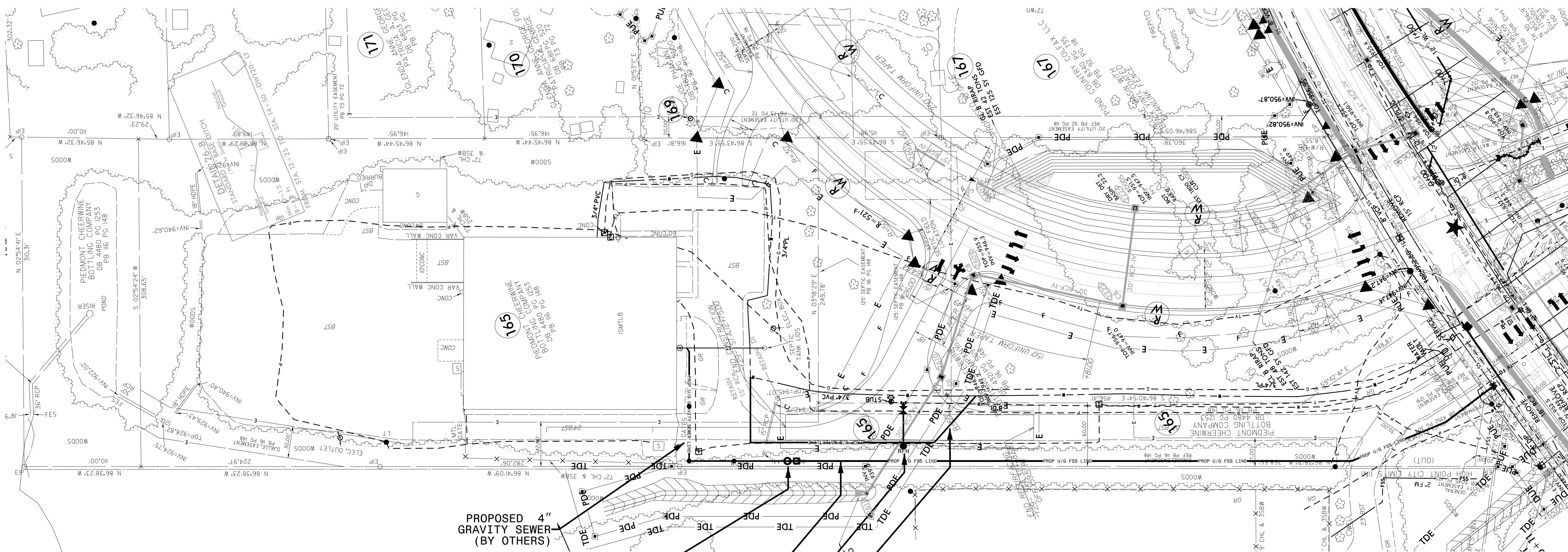
THIS SHEET IS FOR INFORMATIONAL PURPOSES
ONLY. NO WATER OR SEWER CONFLICTS ARE
ANTICIPATED ON THIS SHEET.

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 CONSTRUCTION PLANS ONLY	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 1250-4151			

UTILITY CONSTRUCTION

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

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)

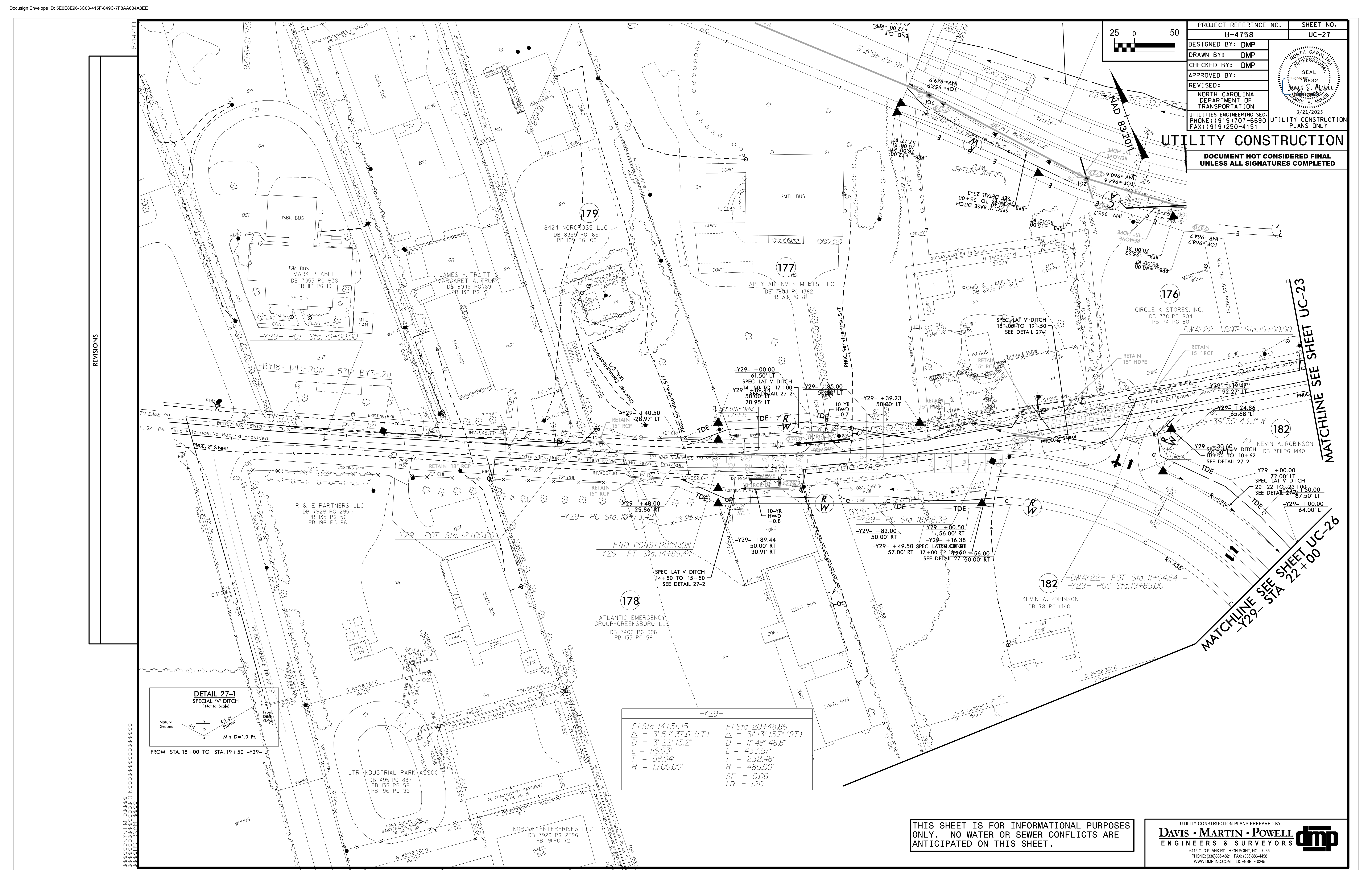
PROPOSED WATER
SERVICE LINE
(BY OTHERS)

UTILITY CONSTRUCTION PLANS PREPARED BY

DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS **dmp**

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





PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-27
DESIGNED BY:	DMP	NORTH CAROLINA PROFESSIONAL SEAL James S. Moore 3/21/2025 UTILITY ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151 UTILITY CONSTRUCTION PLANS ONLY
DRAWN BY:	DMP	
CHECKED BY:	DMP	
APPROVED BY:		
REVISED:		

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Y29-	
PI Sta 14+31.45	PI Sta 20+48.86
$\Delta = 3^{\circ}54'37.6"$ (LT)	$\Delta = 5^{\circ}13'13.7"$ (RT)
$D = 3^{\circ}22'13.2"$	$D = 11^{\circ}48'48.8"$
$L = 116.03'$	$L = 433.57'$
$T = 58.04'$	$T = 232.48'$
$R = 1,700.00'$	$R = 485.00'$
$SE = 0.06$	
$LR = 126'$	

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

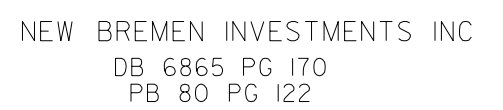
UTILITY CONSTRUCTION PLANS PREPARED BY:
DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS
6415 OLD PLANK RD, HIGH POINT, NC 27265
PHONE: (336) 886-4821 FAX: (336) 886-4458
WWW.DMP-INC.COM LICENSE: F-0245

REVISIONS

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

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

Professional Engineer Seal for James S. McKee, North Carolina, License No. 16832, dated 6/8/2025.



STATE OF NORTH CAROLINA
DEPT OF JUSTICE
DB 3614 PG 1972
PB 116 PG 1

PROP. - 1 - RELOCATE
FIRE HYDRANT; 31 L.F.
OF FIRE HYDRANT LEG

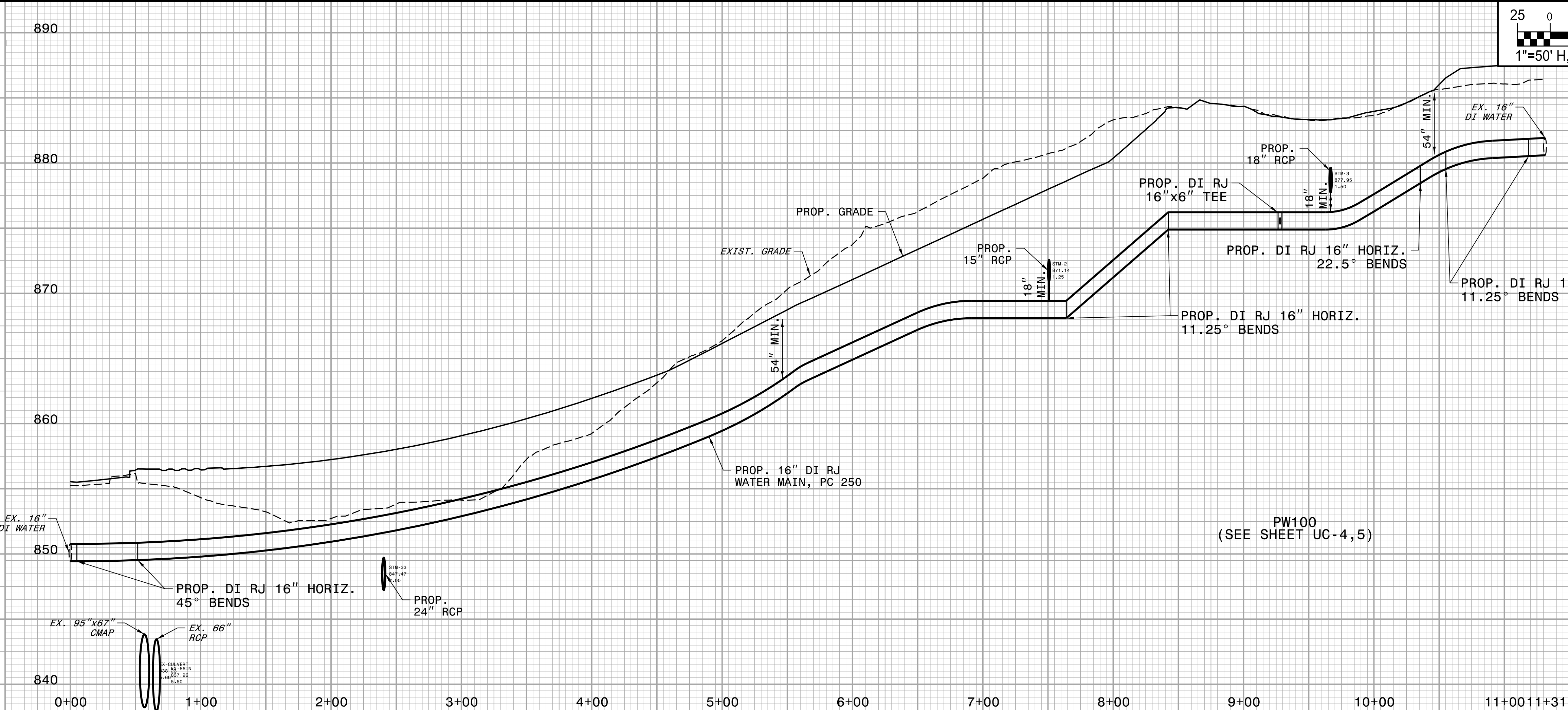
UTILITY CONSTRUCTION PLANS PREPARED BY:

DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS

6415 OLD PLANK RD, HIGH POINT, NC 27265
PHONE: (336)886-4821 FAX: (336)886-4458
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dmp

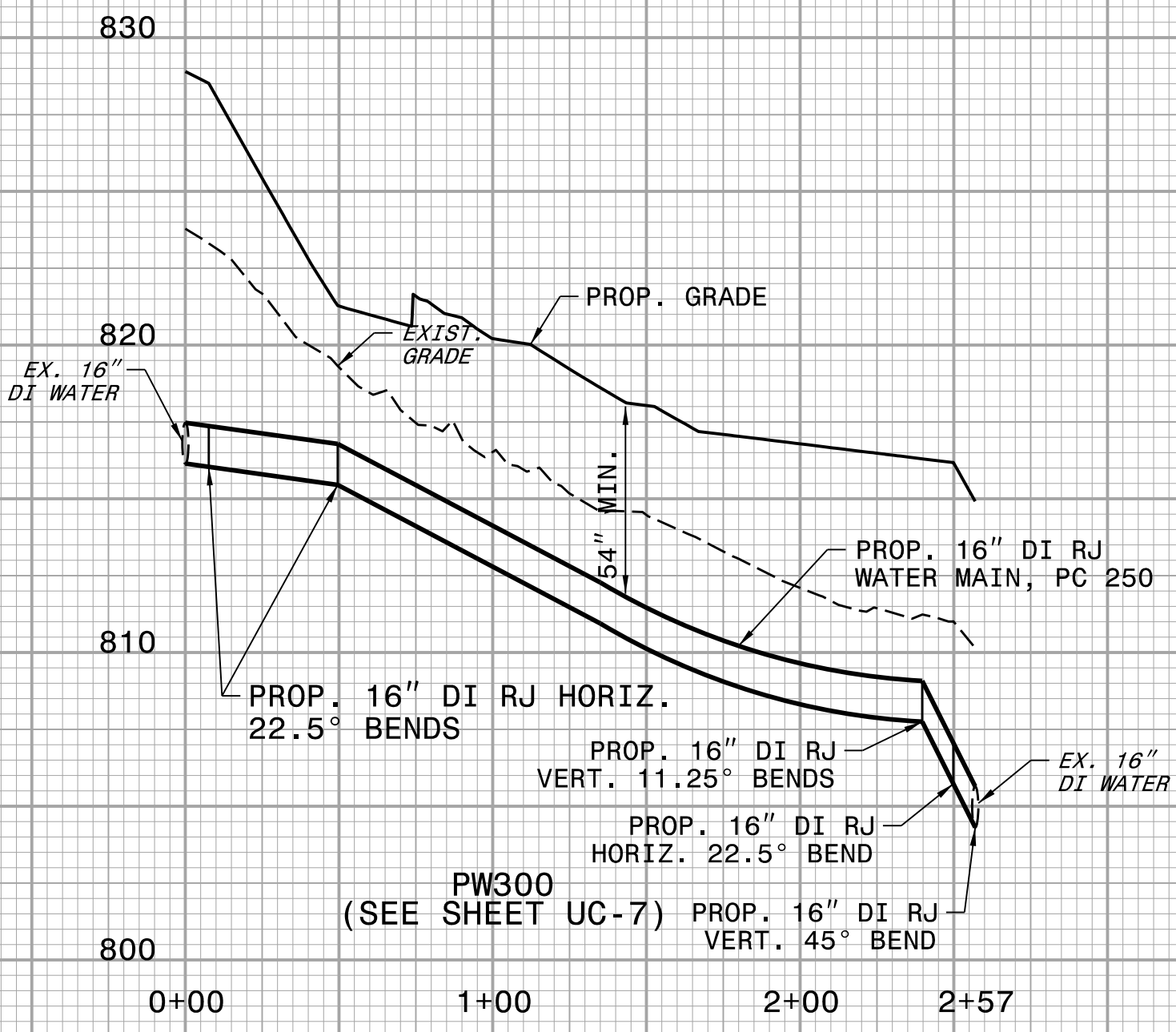
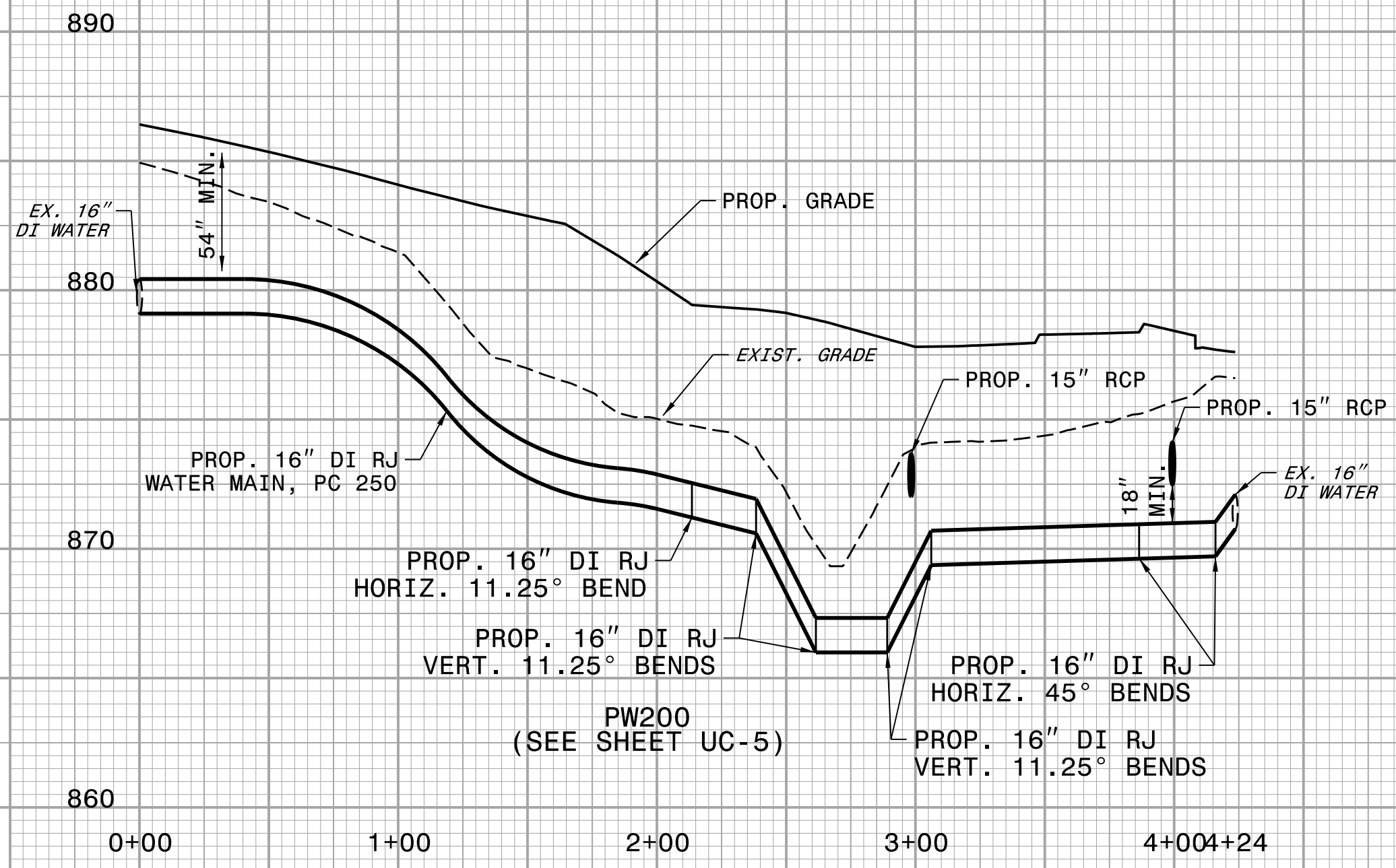
5/14/20

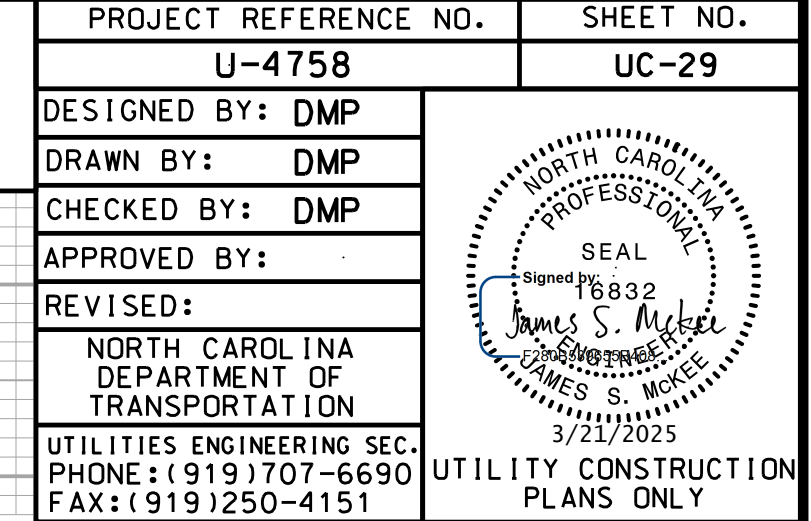


PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-28
DESIGNED BY: DMP		
DRAWN BY: DMP		
CHECKED BY: DMP		
APPROVED BY:		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		3/21/2025
		UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

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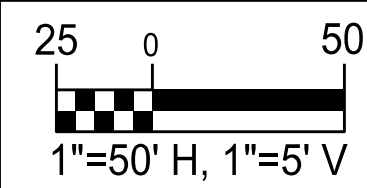




**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



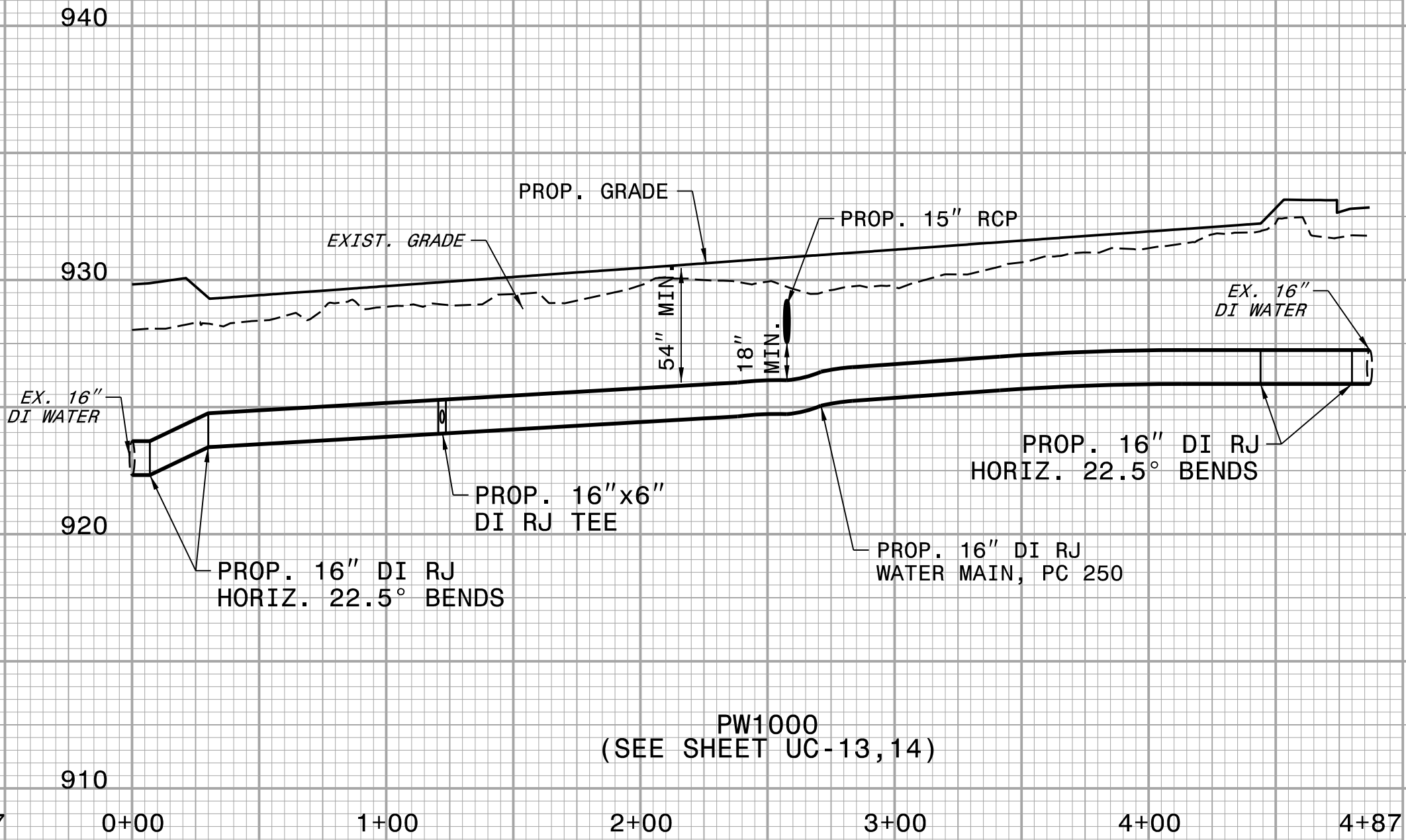
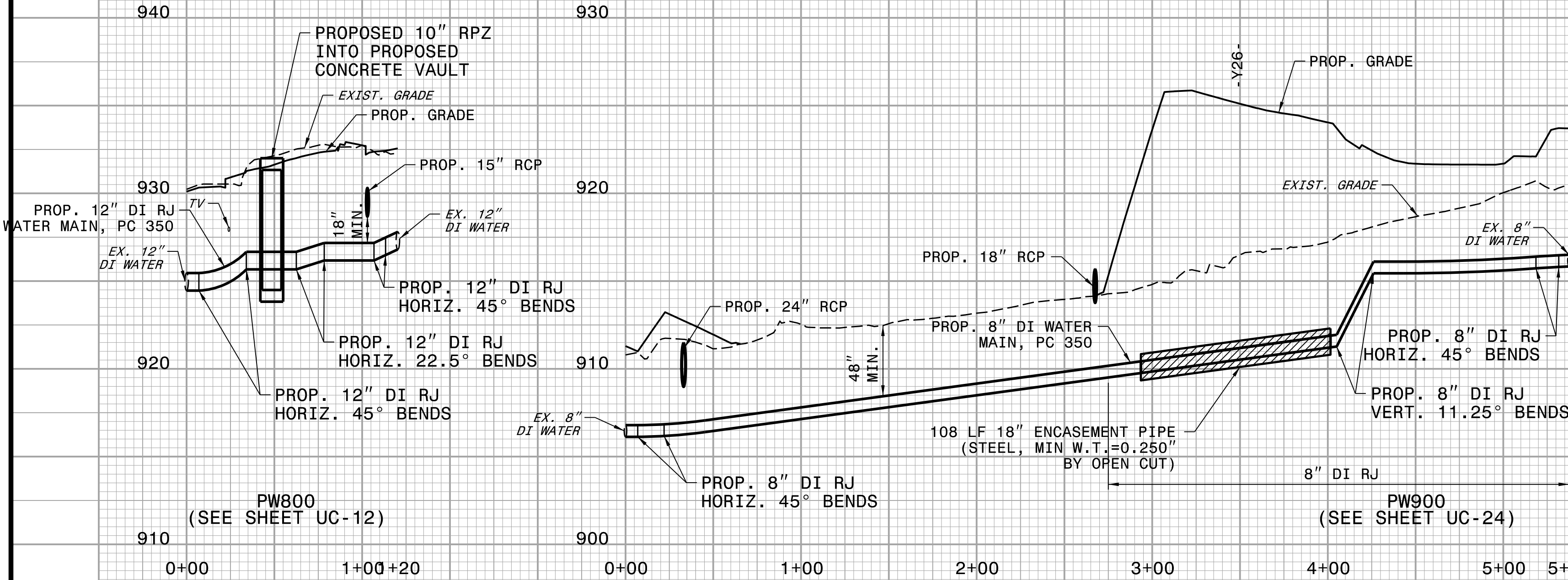
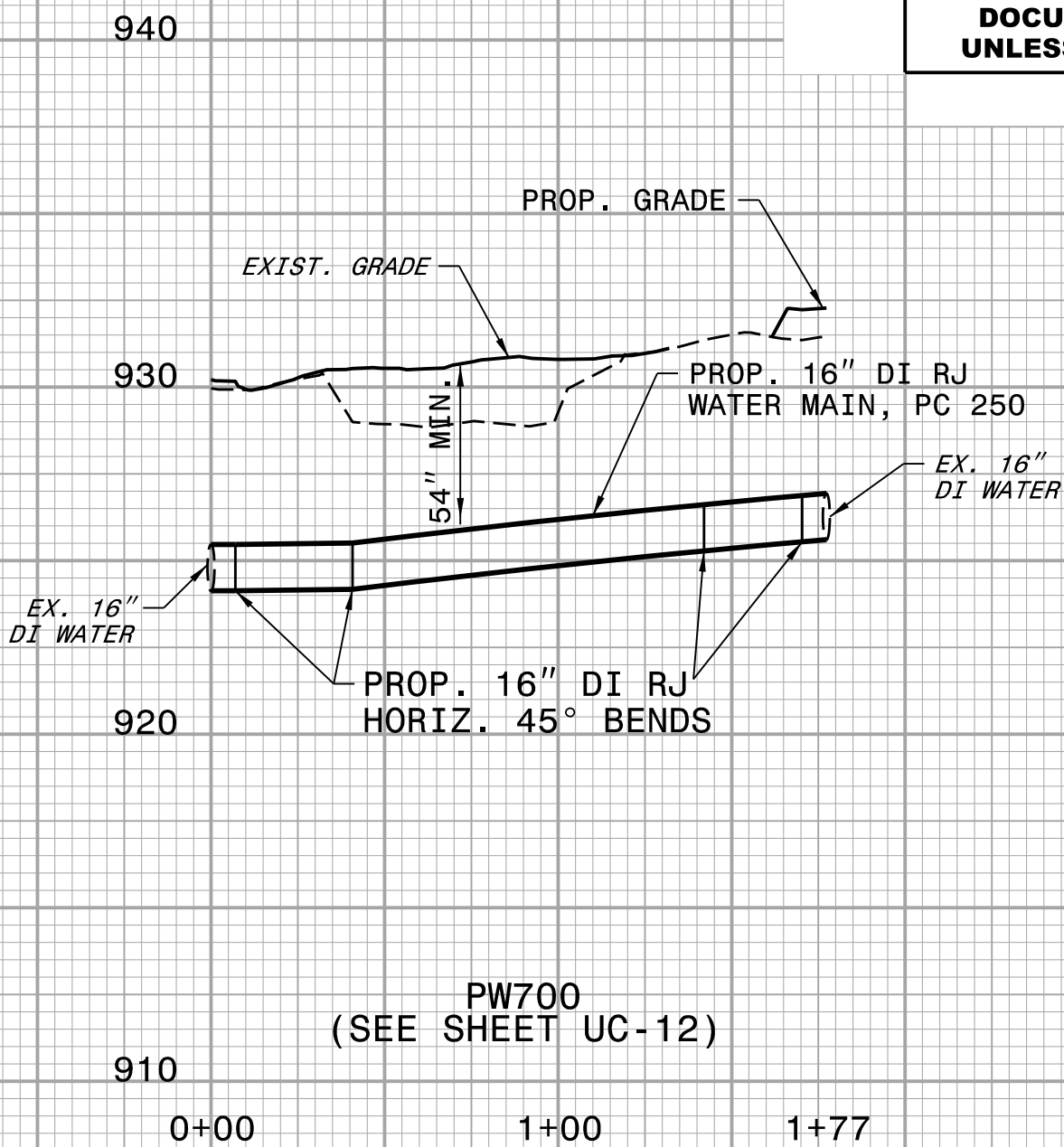
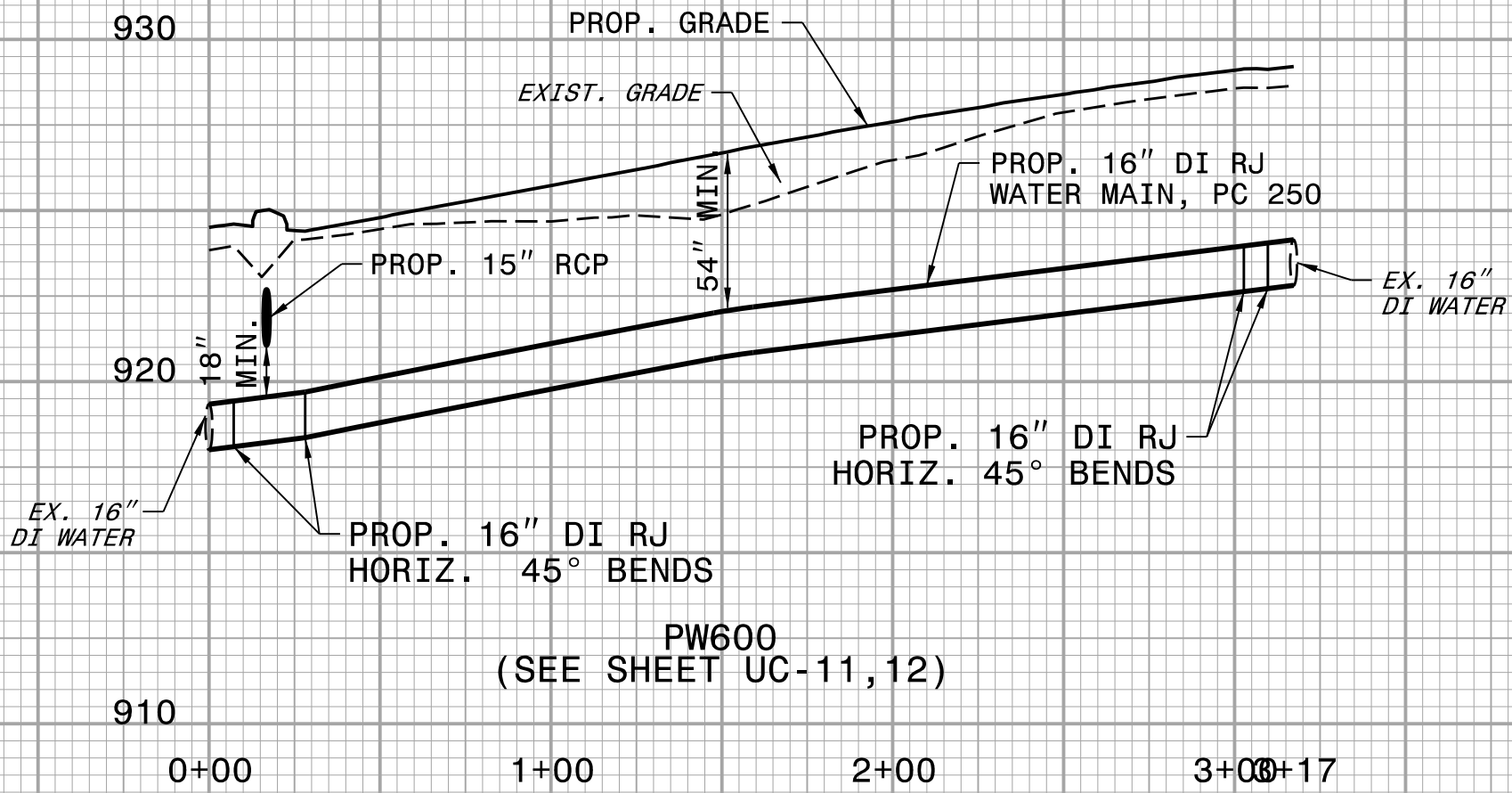
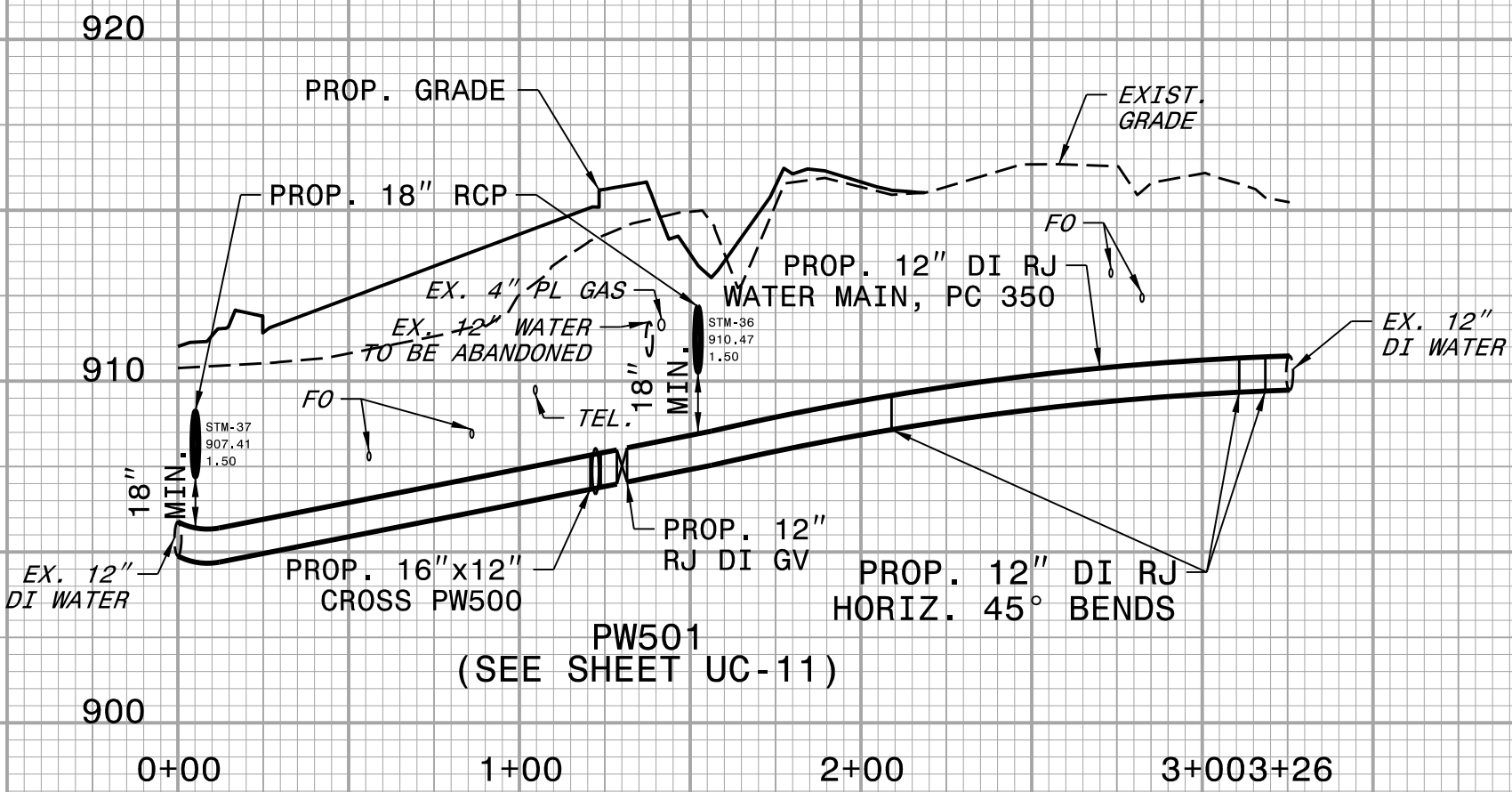
5/14/20

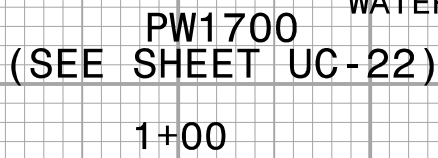
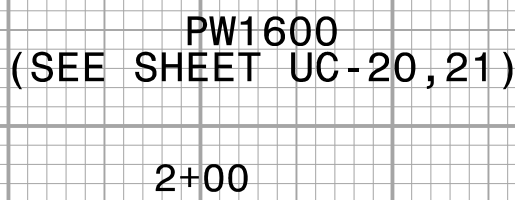
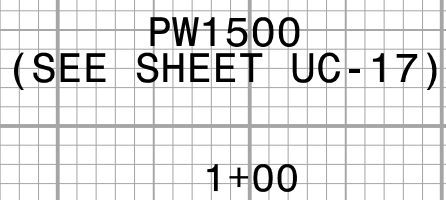
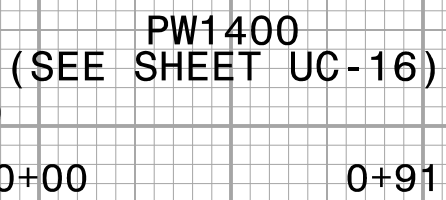
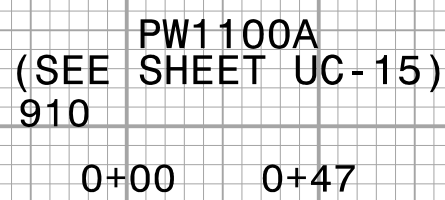
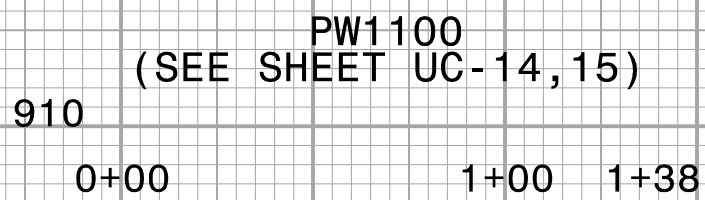


PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-30
DESIGNED BY:	DMP	SEAL 6832 James S. Moore NORTH CAROLINA DEPARTMENT OF TRANSPORTATION 3/21/2025 UTILITY CONSTRUCTION PLANS ONLY
DRAWN BY:	DMP	
CHECKED BY:	DMP	
APPROVED BY:		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY

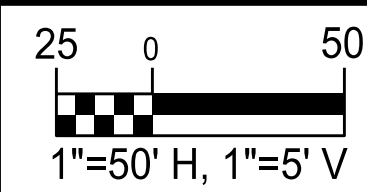
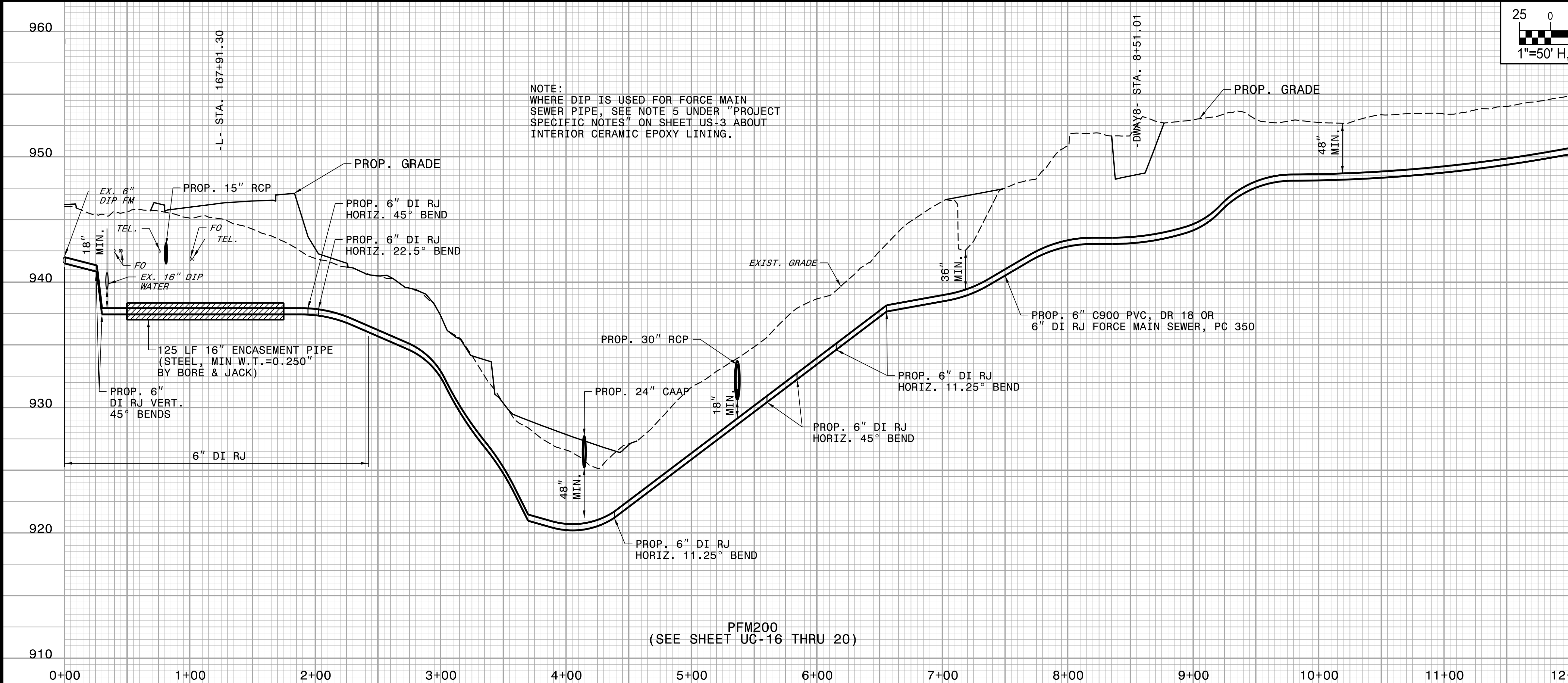
UTILITY CONSTRUCTION

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5/14/99



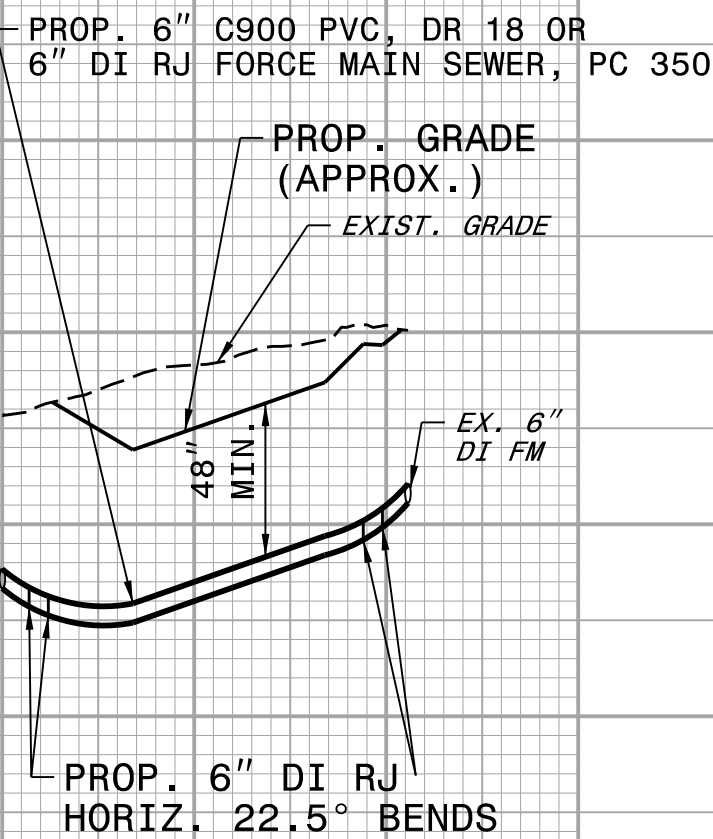
PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-32
DESIGNED BY:	DMP	NORTH CAROLINA PROFESSIONAL SEAL signed 6832 James S. Moore 3/21/2025 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151 UTILITY CONSTRUCTION PLANS ONLY
DRAWN BY:	DMP	
CHECKED BY:	DMP	
APPROVED BY:		
REVISED:		

UTILITY CONSTRUCTION

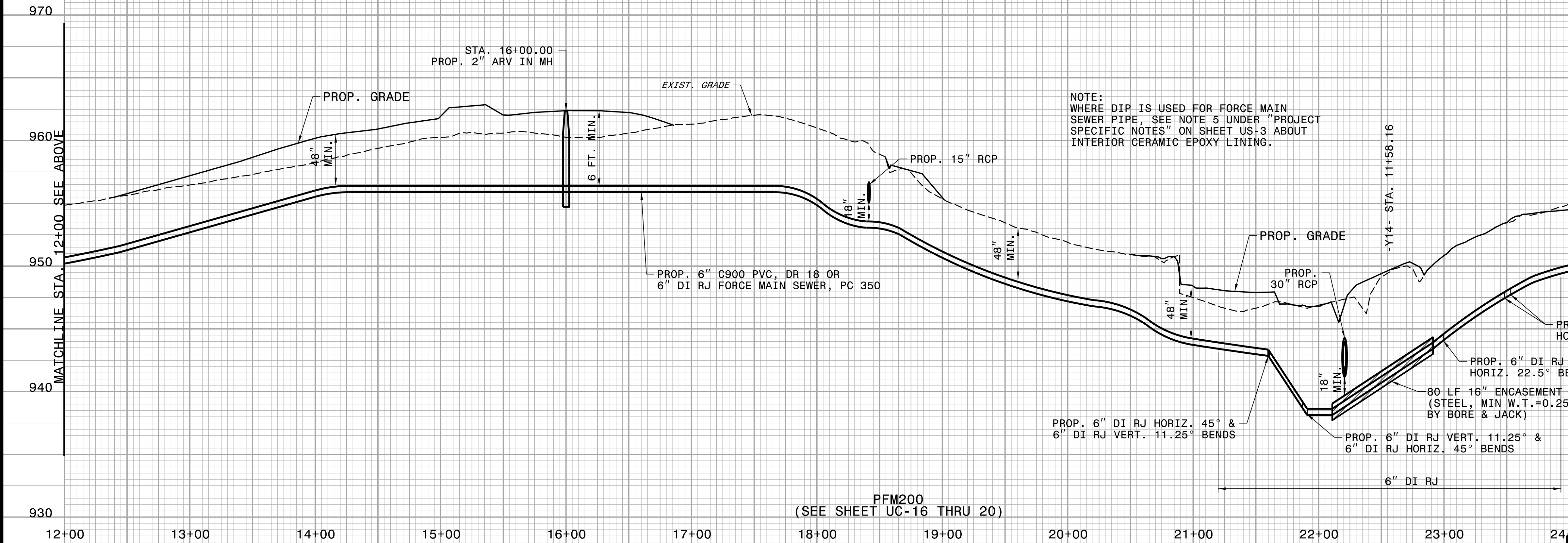
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

MATCHLINE STA. 12+00 SEE BELOW

EX. 6\"/>



PFM100
(SEE SHEET UC-16)

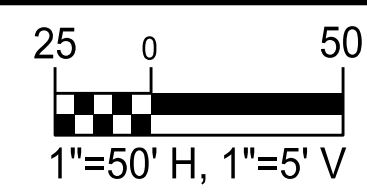


UTILITY CONSTRUCTION PLANS PREPARED BY:

DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS **dmp**

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

5/14/23



PROJECT REFERENCE NO.		SHEET NO.
U-4758		UC-33
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



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