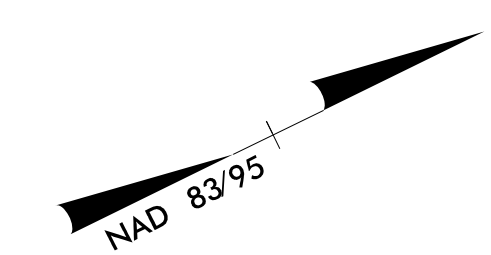


THE WATER LINES ARE OWNED BY
CITY OF ASHEVILLE

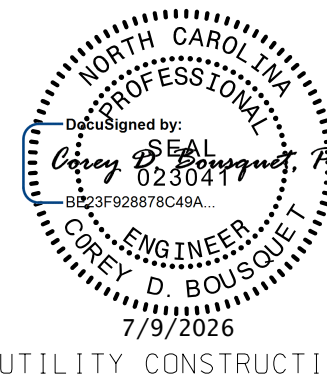


**NOTE:
THE ESTIMATED QUANTITY OF DUCTILE IRON
WATER PIPE FITTINGS ON THIS PLAN SHEET
IS 1545 POUNDS. THE ACTUAL QUANTITY AND
TYPE OF FITTINGS WILL VARY BASED ON
FIELD CONDITIONS.**

RELOCATE 1-WATER METER
28 LF OF WATER SERVICE LINE
1/4" COPPER PIPE, TYPE K

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PROJECT REFERENCE NO.		SHEET NO.
I-2513AC		UC-7A
DESIGNED BY: JKC		UTILITY CONSTRUCTION PLANS ONLY
DRAWN BY: JKC		
CHECKED BY: CLS		
APPROVED BY: CDB		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		

UTILITY CONSTRUCTION

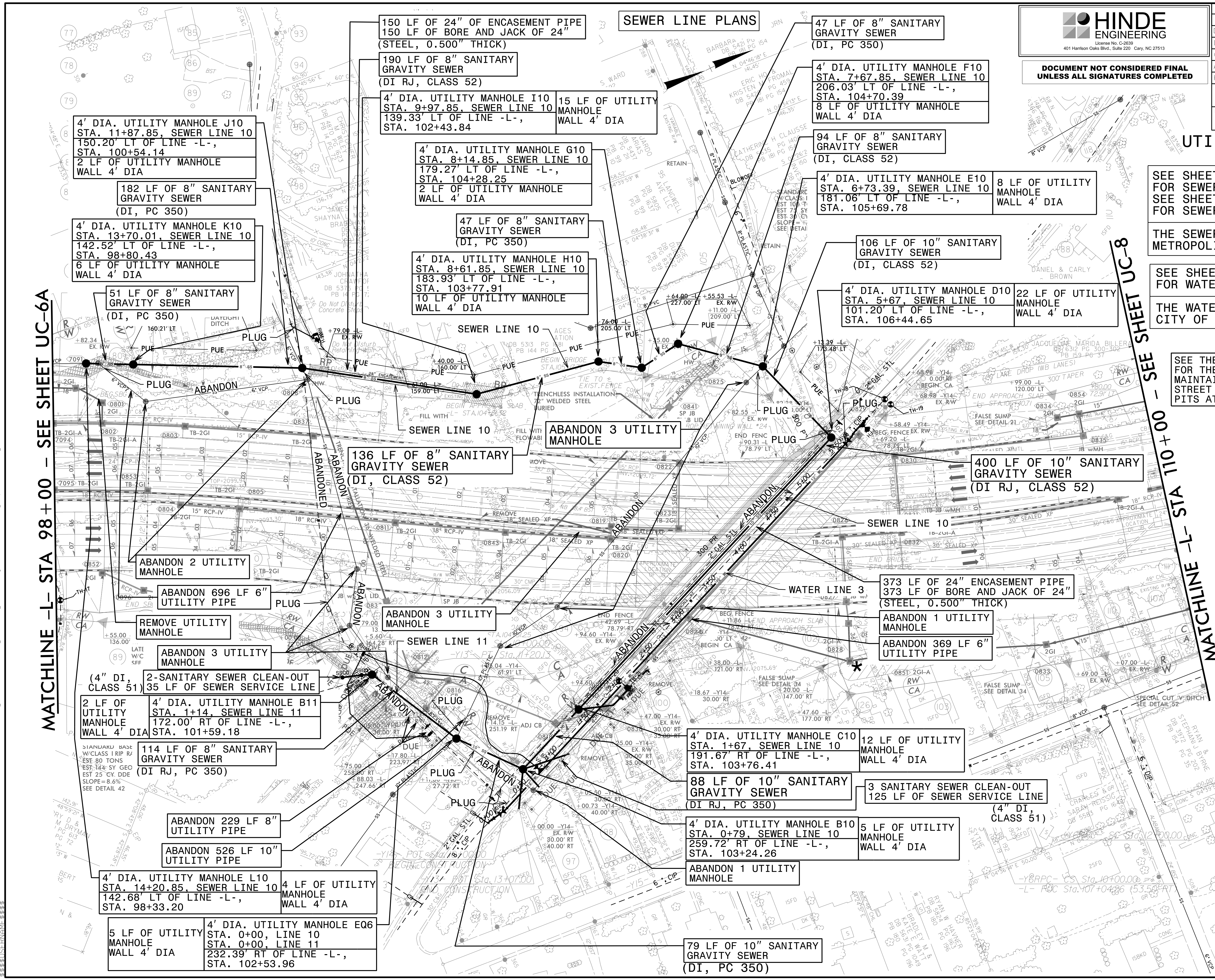
SEE SHEET UC-22 AND UC-23
FOR SEWER LINE 10 PROFILE
SEE SHEET UC-23
FOR SEWER LINE 11 PROFILE

THE SEWER LINES IS OWNED BY
METROPOLITAN SANITARY DISTRICT

SEE SHEET UC-14
FOR WATER LINE 3 AND 4 PROFILE

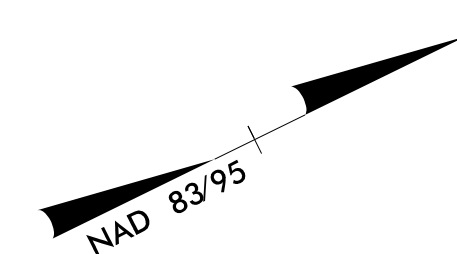
THE WATER LINES IS OWNED BY
CITY OF ASHEVILLE

SEE THE TRAFFIC CONTROL PLANS
FOR THE SHORING REQUIRED TO
MAINTAIN TRAFFIC ALONG STATE
STREET FOR THE BORE AND RECEIVING
PITS AT SEWER LINE 10



MATCHLINE -L- STA 98+00 - SEE SHEET UC-6A

SEE SHEET UC-8
MATCHLINE -L- STA 110+00



20 JUL-2025 12:51 PROJECTS\2020\A2020901.01_AECOM_I-2513AC_Design\Utilities\Engineering\UC\Pro\I-2513AC_Ut-rd\8_psh_UC7A.dgn

SEE SHEET UC-24
FOR SEWER LINE 12 PROFILE

THE SEWER LINE ARE OWNED BY
METROPOLITAN SANITARY DISTRICT

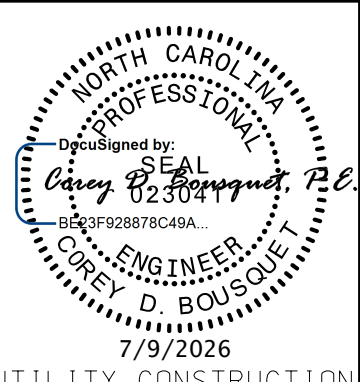
SEE SHEET UC-15
FOR WATER LINE 5 PROFILE

THE WATER LINES ARE OWNED BY
CITY OF ASHEVILLE

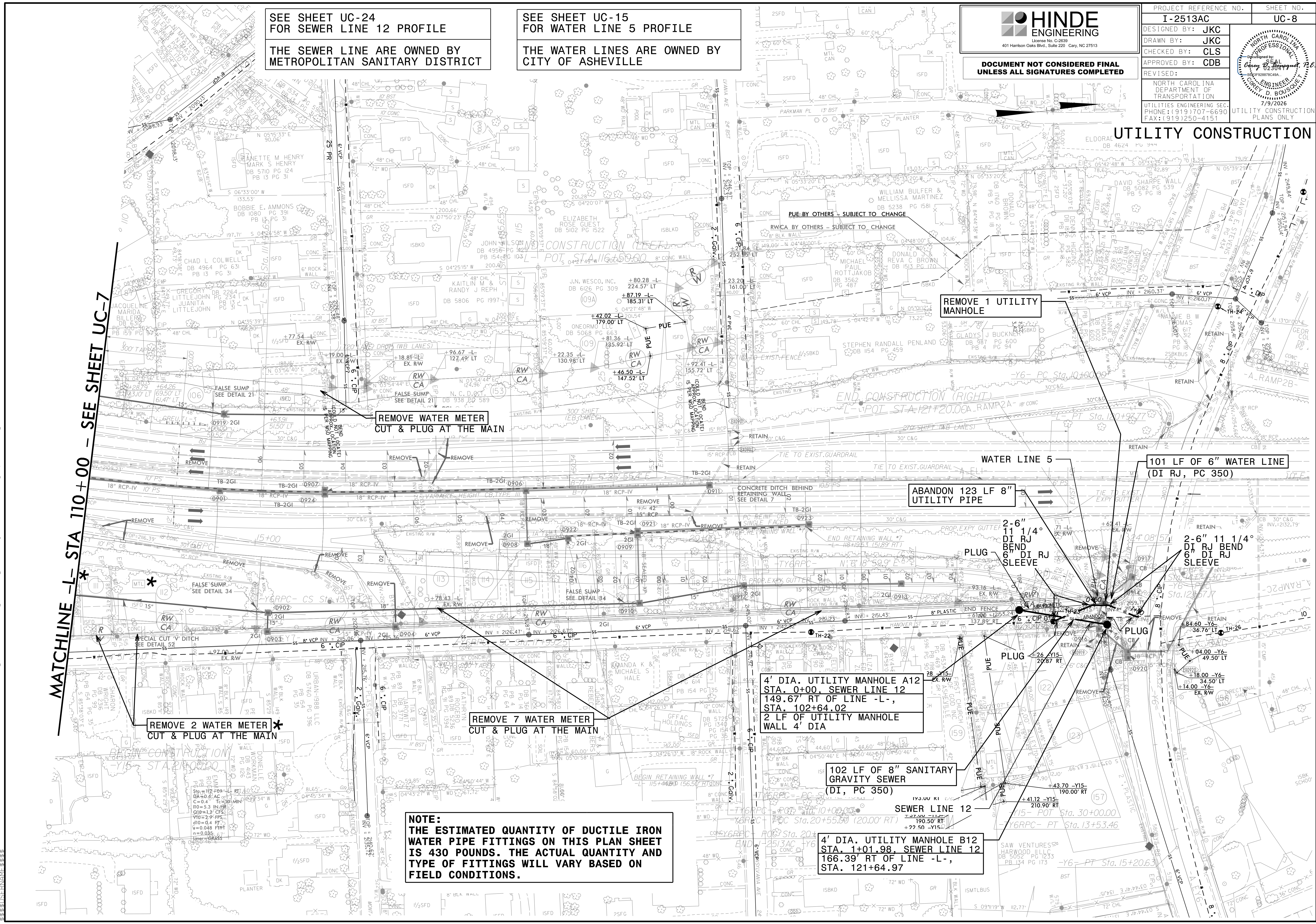


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PROJECT REFERENCE NO.		SHEET NO.
I-2513AC		UC-8
DESIGNED BY:	JKC	
DRAWN BY:	JKC	
CHECKED BY:	CLS	
APPROVED BY:	CDB	
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		7/2026
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION



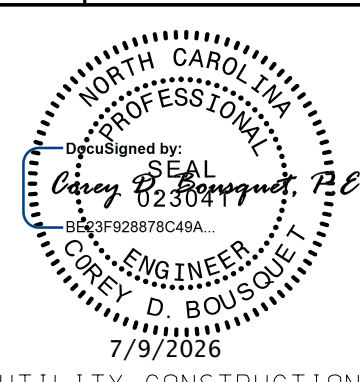
NOTE:
THE ESTIMATED QUANTITY OF DUCTILE IRON
WATER PIPE FITTINGS ON THIS PLAN SHEET
IS 430 POUNDS. THE ACTUAL QUANTITY AND
TYPE OF FITTINGS WILL VARY BASED ON
FIELD CONDITIONS.

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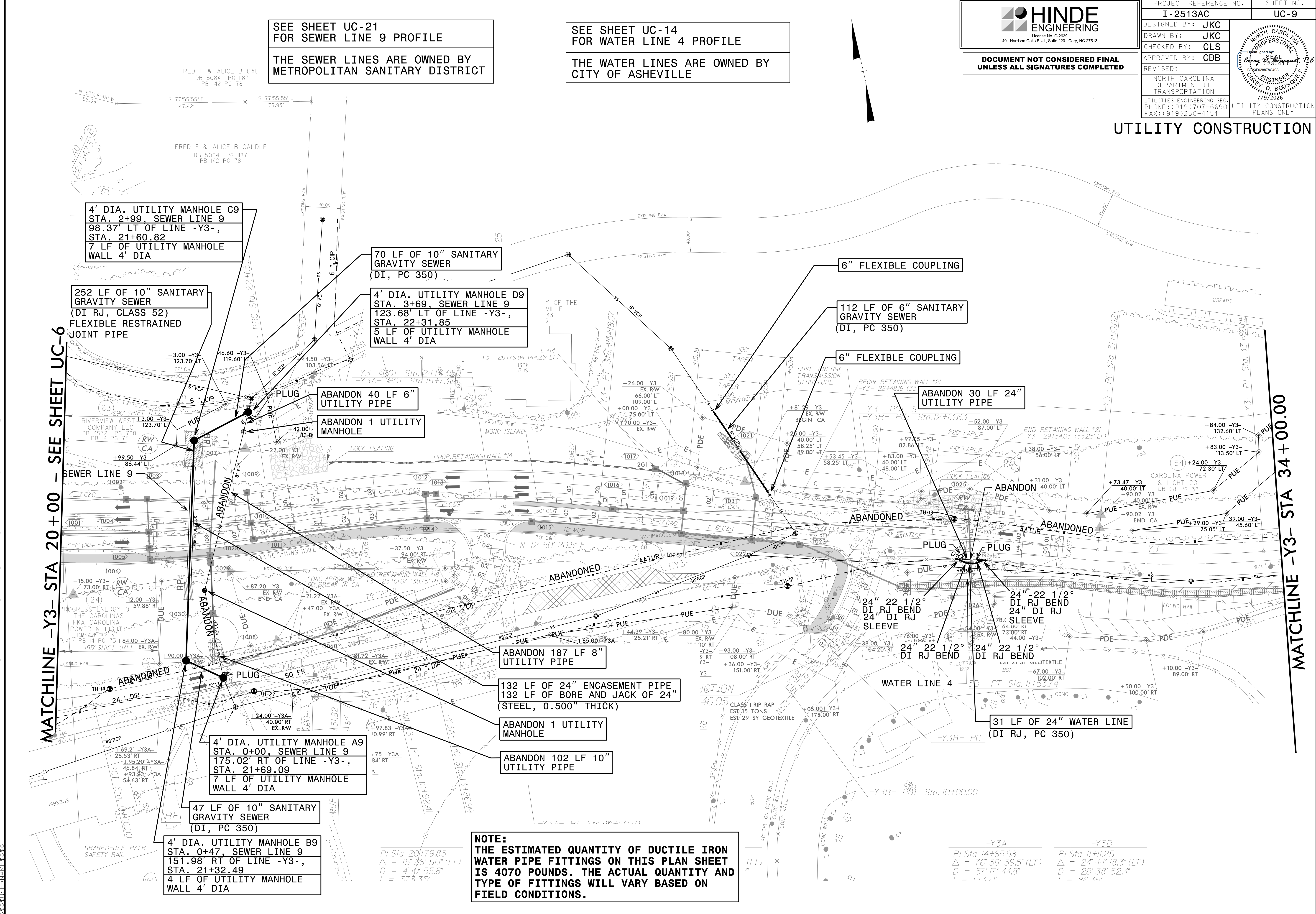


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PROJECT REFERENCE NO.		SHEET NO.
I-2513AC		UC-9
DESIGNED BY: JKC		UTILITY CONSTRUCTION PLANS ONLY
DRAWN BY: JKC		
CHECKED BY: CLS		
APPROVED BY: CDB		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		

UTILITY CONSTRUCTION



SEE SHEET UC-21
FOR SEWER LINE 9 PROFILE

THE SEWER LINES ARE OWNED BY
METROPOLITAN SANITARY DISTRICT

SEE SHEET UC-14
FOR WATER LINE 4 PROFILE

THE WATER LINES ARE OWNED BY
CITY OF ASHEVILLE

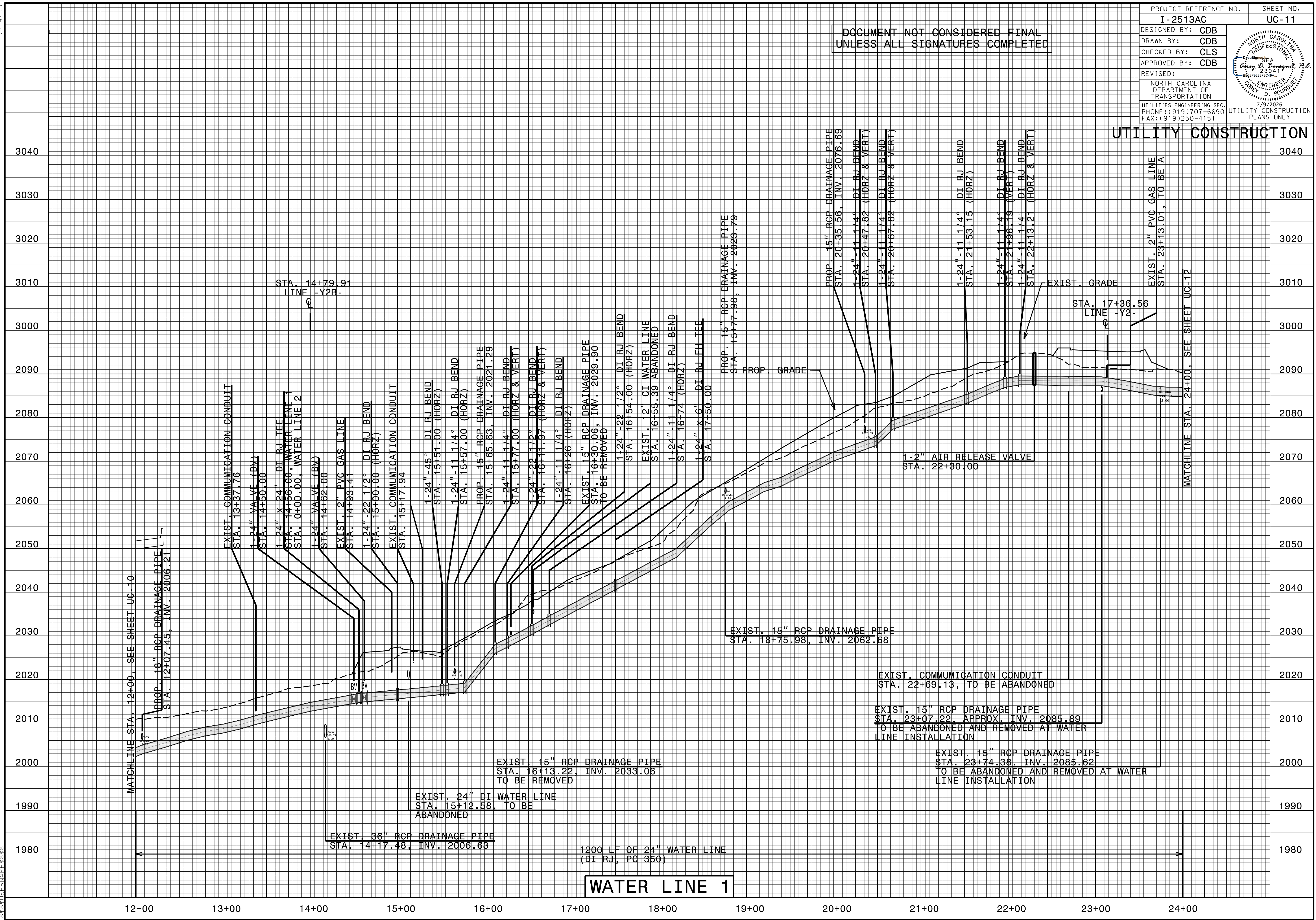
NOTE:
THE ESTIMATED QUANTITY OF DUCTILE IRON
WATER PIPE FITTINGS ON THIS PLAN SHEET
IS 4070 POUNDS. THE ACTUAL QUANTITY AND
TYPE OF FITTINGS WILL VARY BASED ON
FIELD CONDITIONS.

REVISIONS

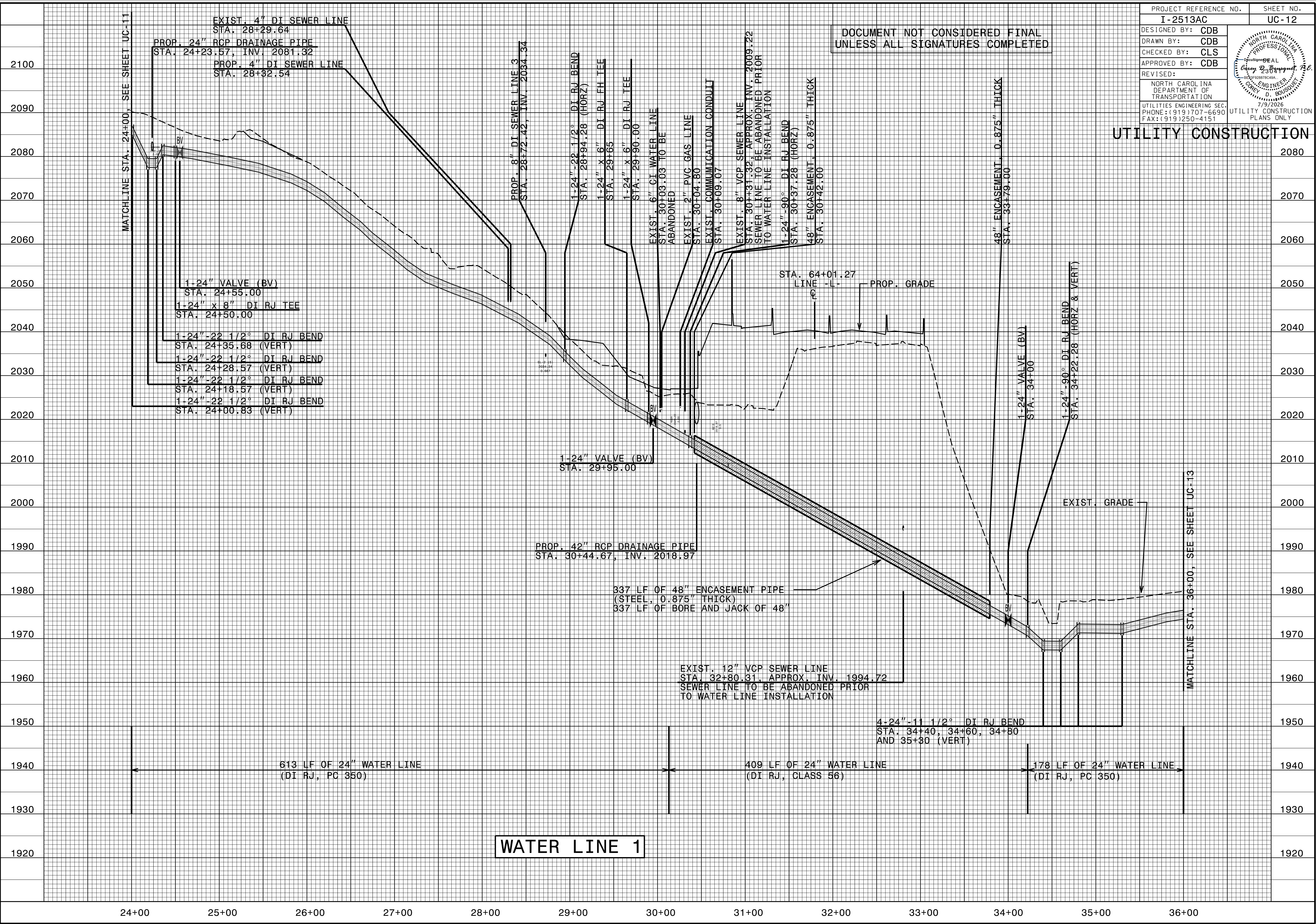
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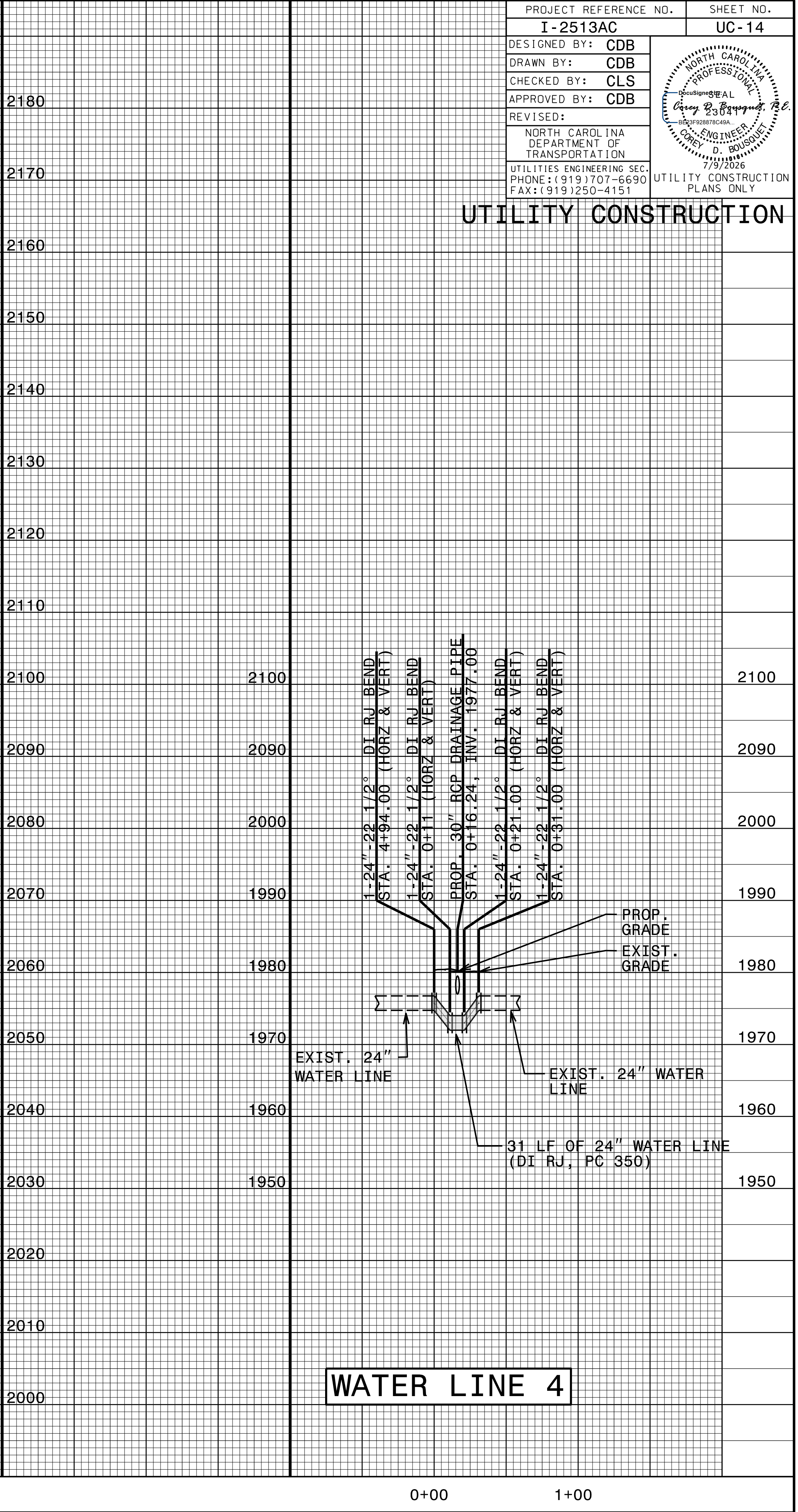
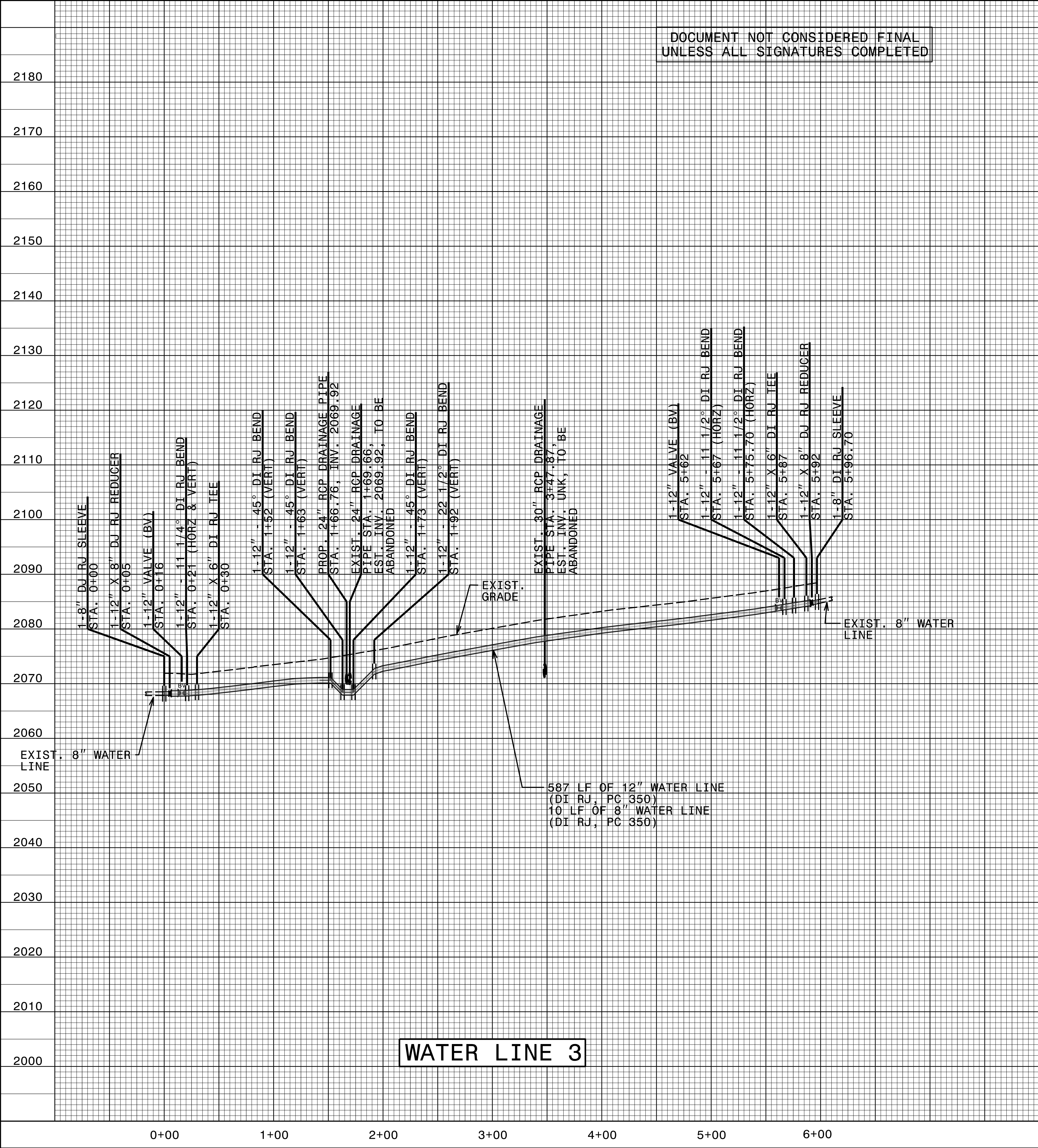
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5/14/99

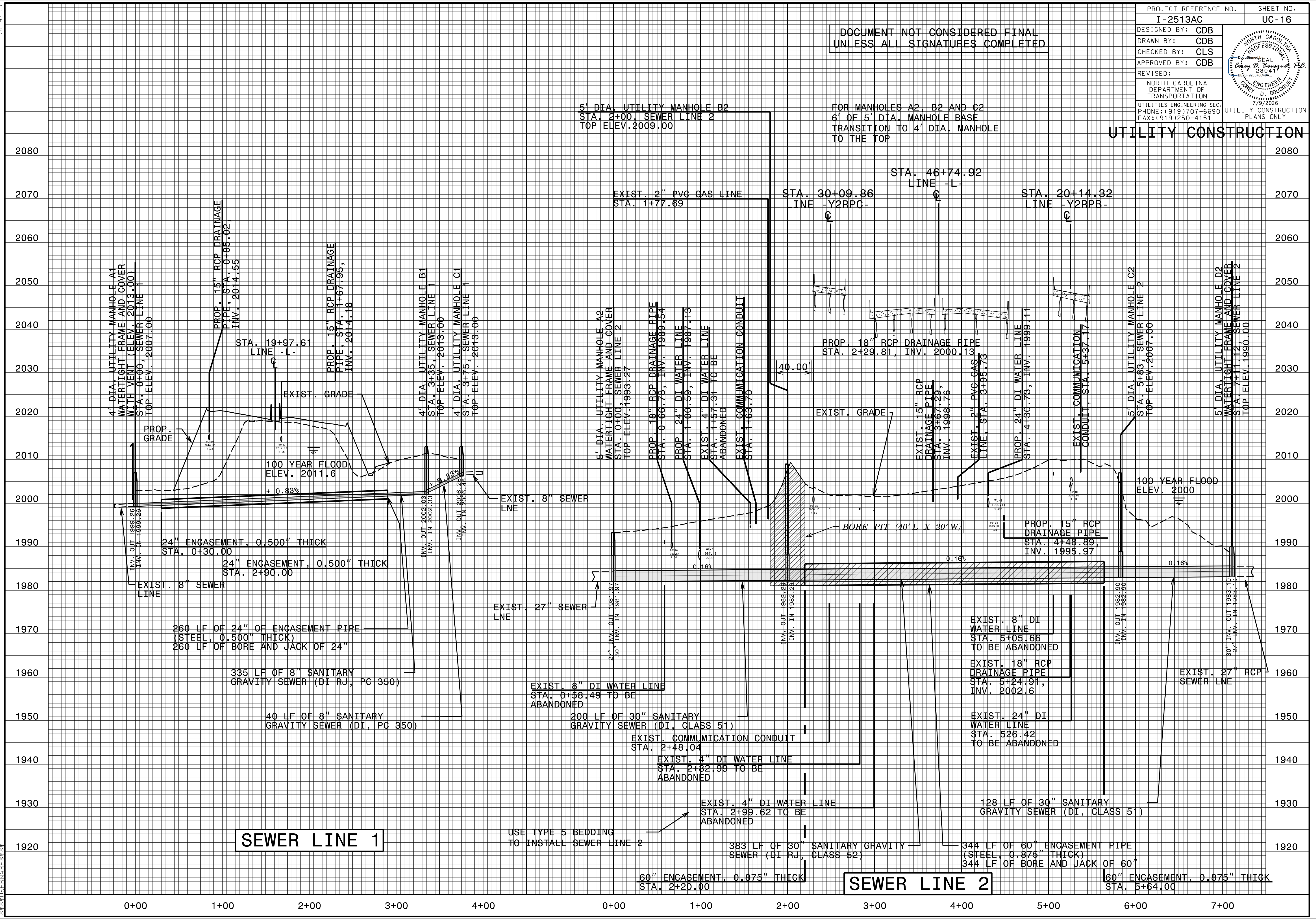


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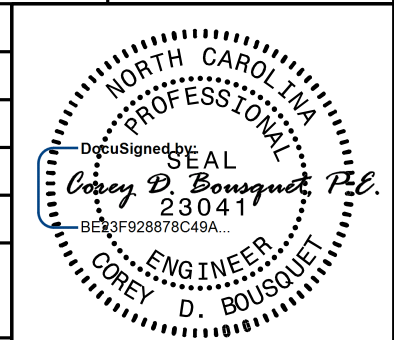


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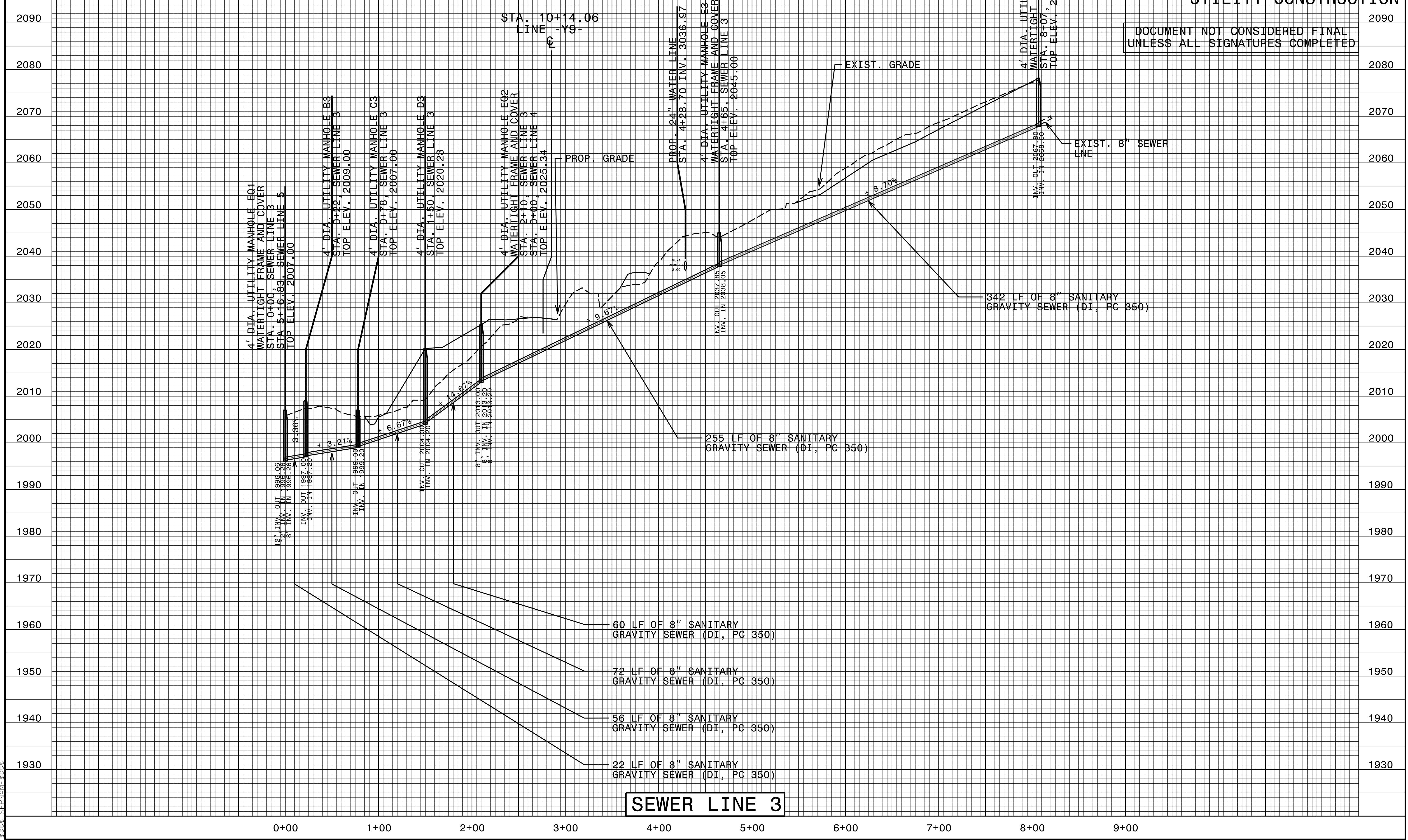
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PROJECT REFERENCE NO. I-2513AC		SHEET NO. UC-16	
DESIGNED BY: CDB			
DRAWN BY: CDB			
CHECKED BY: CLS			
APPROVED BY: CDB			
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY	

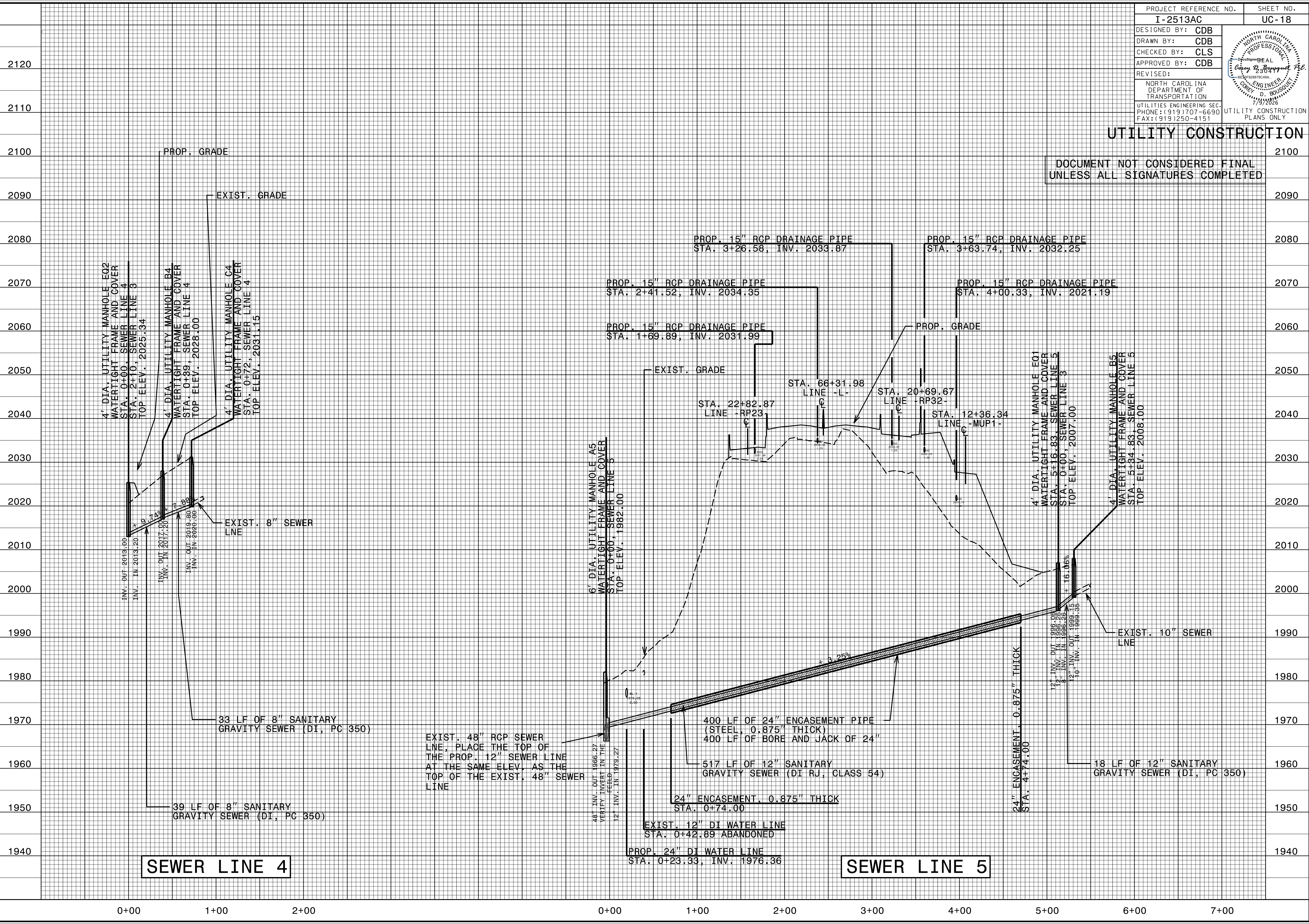
UTILITY CONSTRUCTION

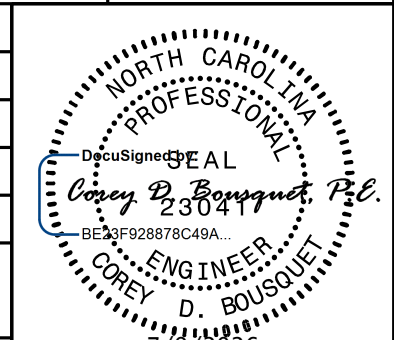
The seal is circular with a dotted border. The text "NORTH CAROLINA" is at the top, "PROFESSIONAL" is on the right, "ENGINEER" is at the bottom, and "COREY D. BOUSQUET" is on the left. In the center, it says "SEAL" above "23041". A blue line points to the text "DocuSign" on the left side of the seal.

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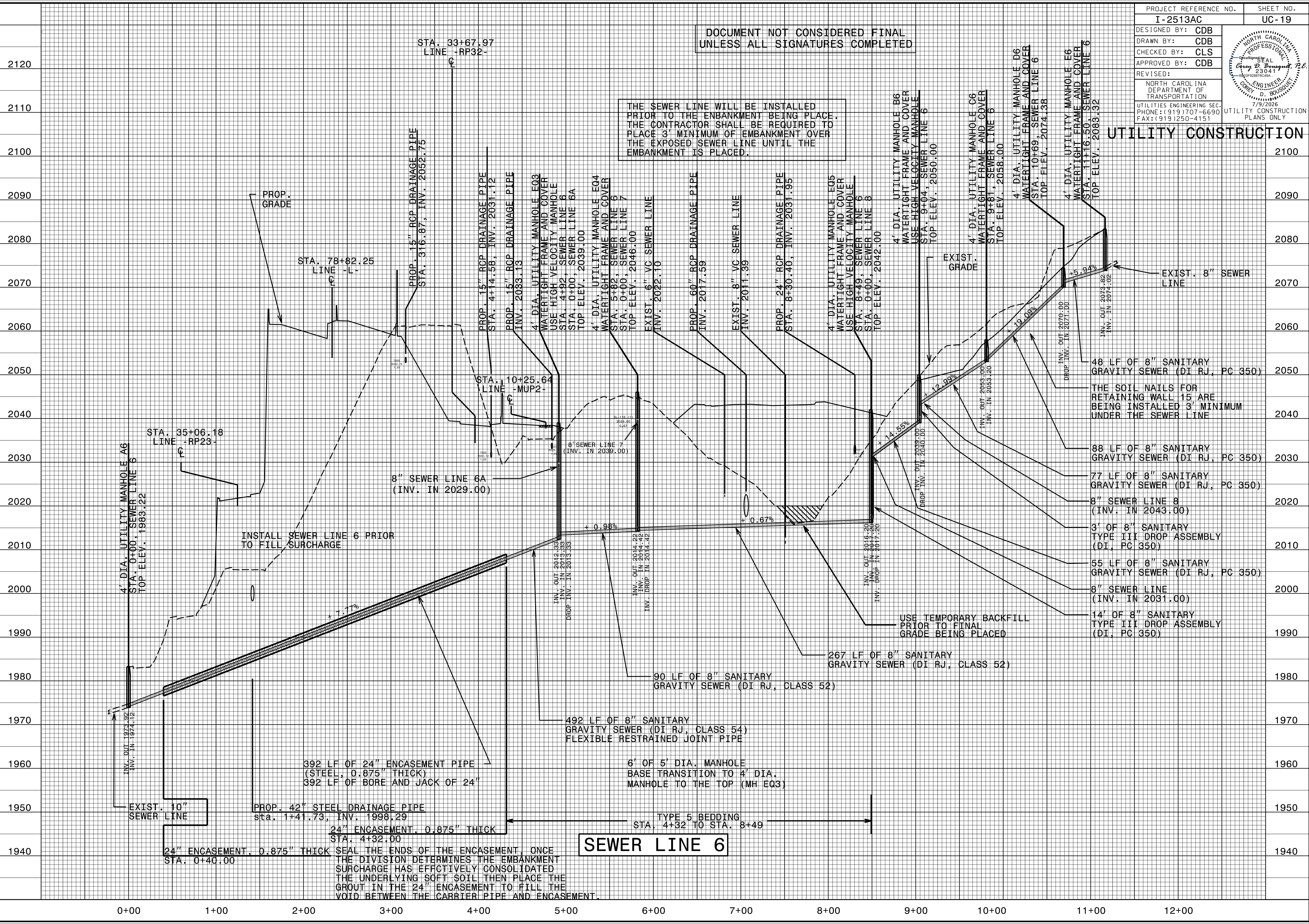


5/14/99
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UC18.dgn
UC18.dgn



PROJECT REFERENCE NO.		SHEET NO.	
I-2513AC		UC-18	
DESIGNED BY:	CDB		
DRAWN BY:	CDB		
CHECKED BY:	CLS		
APPROVED BY:	CDB		
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY	

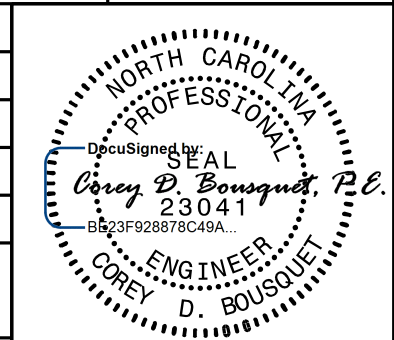
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5/14/99



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THE SEWER LINE WILL BE INSTALLED
PRIOR TO THE EMBANKMENT BEING PLACED.
THE CONTRACTOR SHALL BE REQUIRED TO
PLACE 3' MINIMUM OF EMBANKMENT OVER
THE EXPOSED SEWER LINE UNTIL THE
EMBANKMENT IS PLACED.

UTILITY CONSTRUCTION

PROJECT REFERENCE NO.		SHEET NO.	
I-2513AC		UC-19	
DESIGNED BY:	CDB		
DRAWN BY:	CDB		
CHECKED BY:	CLS		
APPROVED BY:	CDB		
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		7/9/2026 UTILITY CONSTRUCTION PLANS ONLY	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151			

48 LF OF 8" SANITARY
GRAVITY SEWER (DI RJ, PC 350)

THE SOIL NAILS FOR
RETAINING WALL 15 ARE
BEING INSTALLED 3' MINIMUM
UNDER THE SEWER LINE

88 LF OF 8" SANITARY
GRAVITY SEWER (DI RJ, PC 350)

77 LF OF 8" SANITARY
GRAVITY SEWER (DI RJ, PC 350)

8" SEWER LINE 8
(INV. IN 2043.00)

3' OF 8" SANITARY
TYPE III DROP ASSEMBLY
(DI, PC 350)

55 LF OF 8" SANITARY
GRAVITY SEWER (DI RJ, PC 350)

8" SEWER LINE
(INV. IN 2031.00)

14' OF 8" SANITARY
TYPE III DROP ASSEMBLY
(DI, PC 350)

267 LF OF 8" SANITARY
GRAVITY SEWER (DI RJ, CLASS 52)

90 LF OF 8" SANITARY
GRAVITY SEWER (DI RJ, CLASS 52)

492 LF OF 8" SANITARY
GRAVITY SEWER (DI RJ, CLASS 54)
FLEXIBLE RESTRAINED JOINT PIPE

392 LF OF 24" ENCASUREMENT PIPE
(STEEL, 0.875" THICK)
392 LF OF BORE AND JACK OF 24"

6' OF 5' DIA. MANHOLE
BASE TRANSITION TO 4' DIA.
MANHOLE TO THE TOP (MH EQ3)

TYPE 5 BEDDING
STA. 4+32 TO STA. 8+49

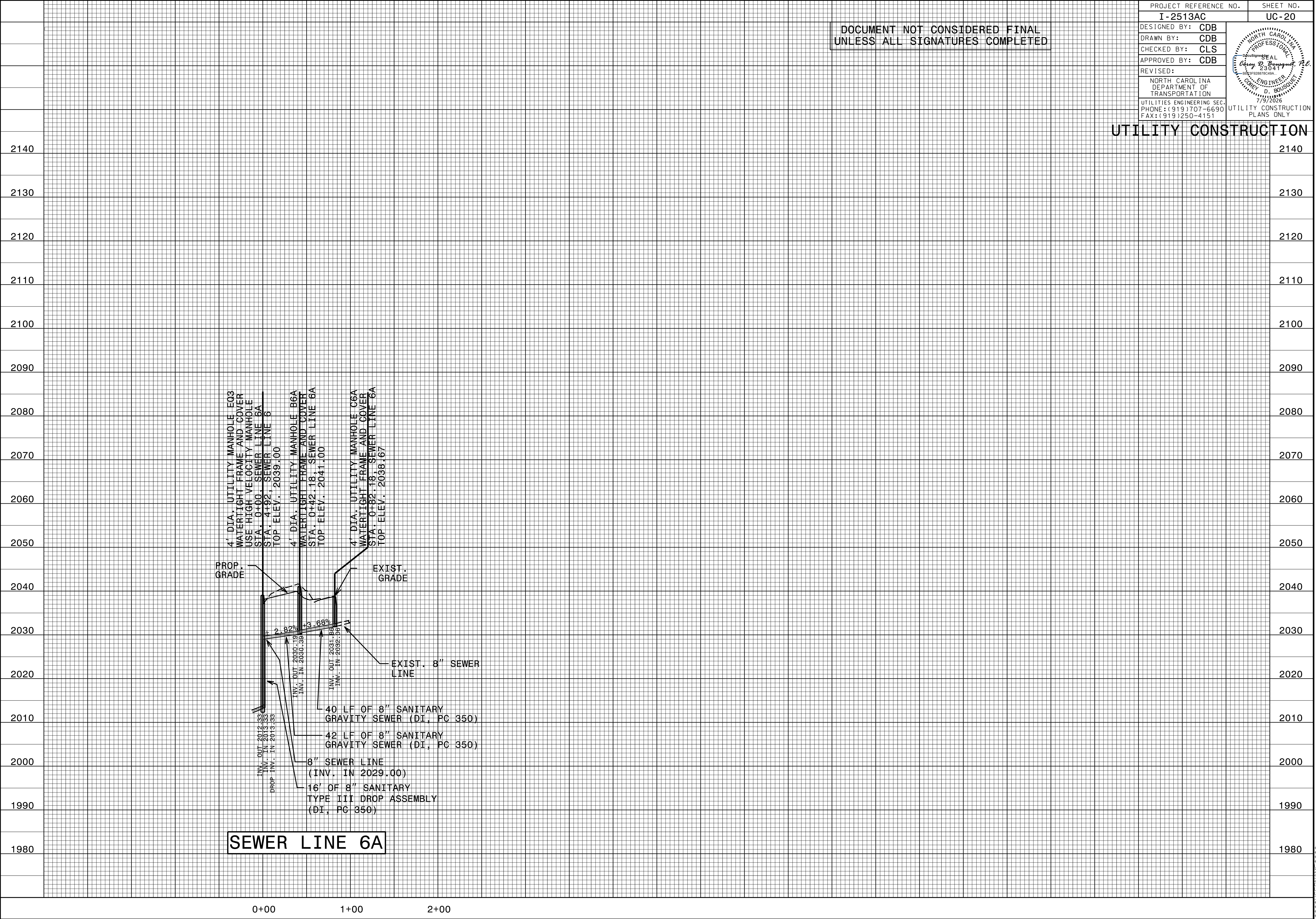
SEWER LINE 6

24" ENCASUREMENT, 0.875" THICK
STA. 0+40.00
24" ENCASUREMENT, 0.875" THICK
STA. 4+32.00
THE DIVISION DETERMINES THE EMBANKMENT
SURCHARGE HAS EFFECTIVELY CONSOLIDATED
THE UNDERLYING SOFT SOIL THEN PLACE THE
GROUT IN THE 24" ENCASUREMENT TO FILL THE
VOID BETWEEN THE CARRIER PIPE AND ENCASUREMENT.

PROP. 42" STEEL DRAINAGE PIPE
sta. 1+41.73, INV. 1998.29

EXIST. 10" SEWER LINE

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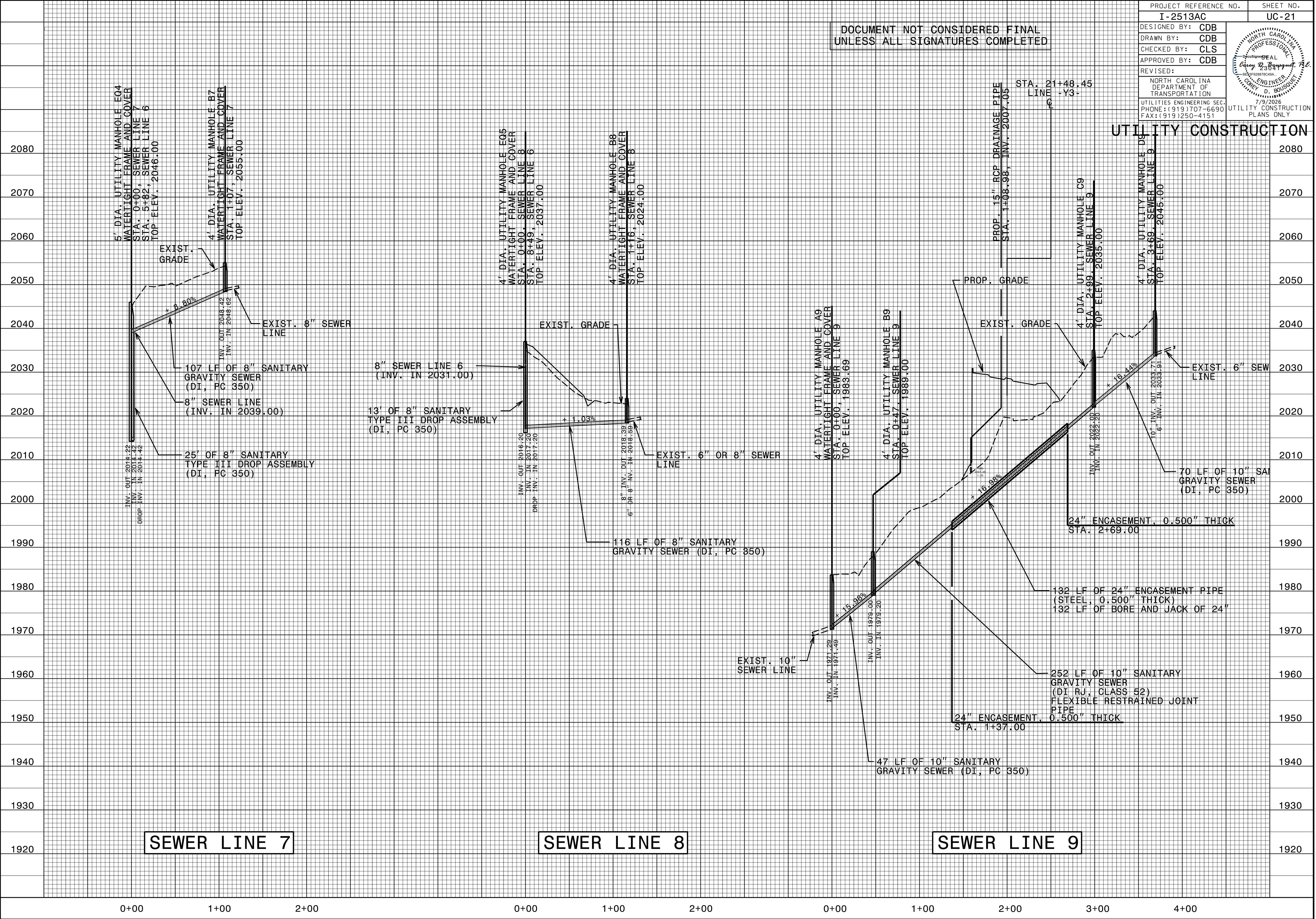
PROJECT REFERENCE NO.		SHEET NO.	
I-2513AC		UC-20	
DESIGNED BY: CDB			
DRAWN BY: CDB			
CHECKED BY: CLS			
APPROVED BY: CDB			
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY	

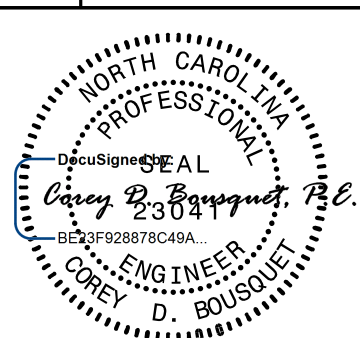
UTILITY CONSTRUCTION

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PROJECT REFERENCE NO.		SHEET NO.	
I-2513AC		UC-21	
DESIGNED BY: CDB			
DRAWN BY: CDB			
CHECKED BY: CLS			
APPROVED BY: CDB			
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		7/9/2026	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY	



UTILITY CONSTRUCTION



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09 JUL 2026 12:57
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SEWER LINE 12

