

WATER AND SEWER PLANS

HINDE ENGINEERING
 License No. C-2639
 401 Harrison Oaks Blvd., Suite 145 Cary, NC 27513

**DOCUMENT NOT CONSIDERED FINAL
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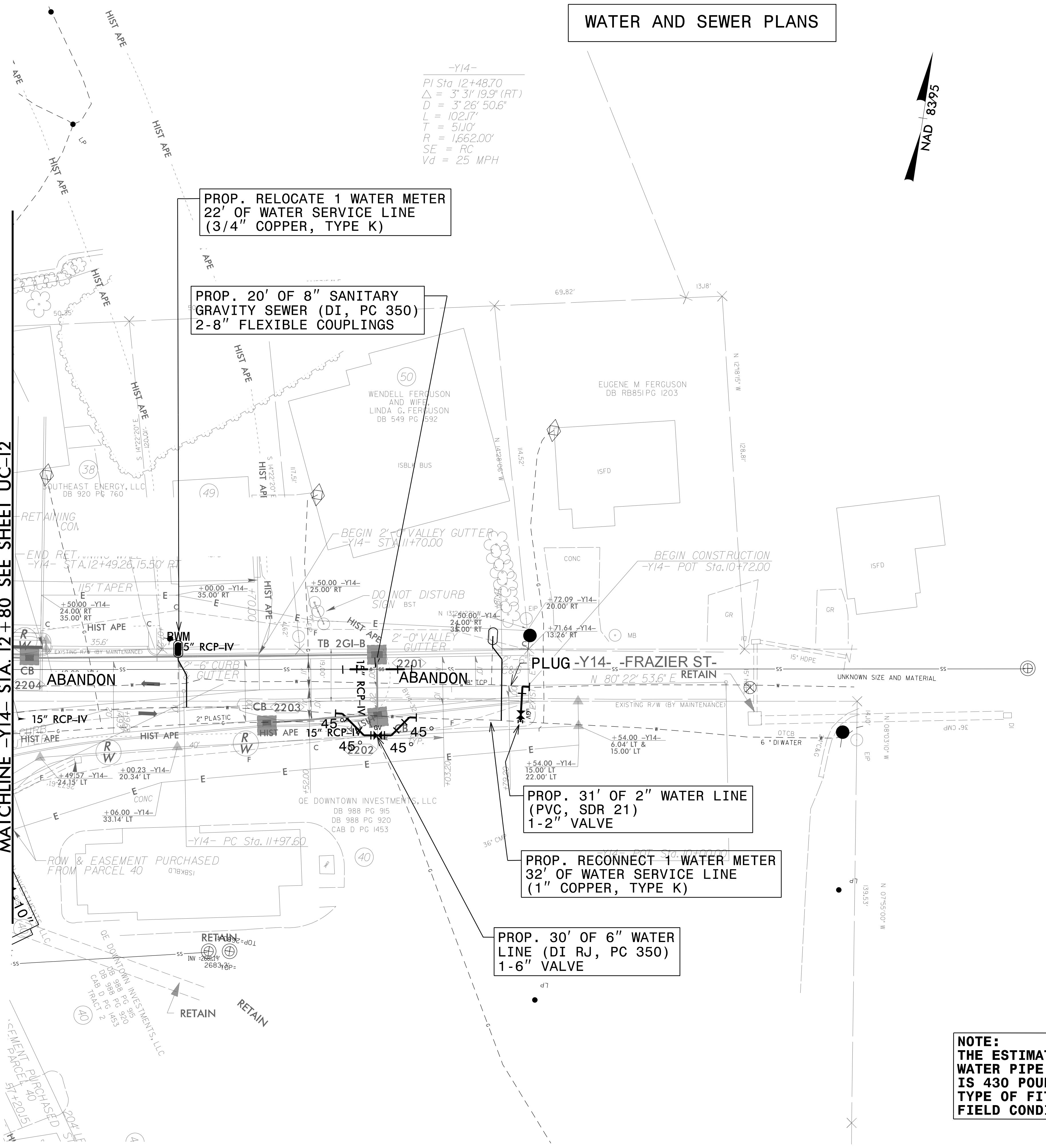
PROJECT REFERENCE NO. U-5839	SHEET NO. UC-20
DESIGNED BY: CDB	
DRAWN BY: ASW	
CHECKED BY: CLS	
APPROVED BY: CDB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
5/1/2023 UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

-Y14-
 PI Sta. 12+48.70
 $\Delta = 3^{\circ} 31' 19.9" (RT)$
 $D = 3^{\circ} 26' 50.6"$
 $L = 102.17'$
 $T = 51.10'$
 $R = 1,662.00'$
 $SE = RC$
 $Vd = 25 MPH$



MATCHLINE -Y14- STA. 12 + 80 SEE SHEET UC-12



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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 5/1/2023 10:46 AM
 33,811 POUNDS