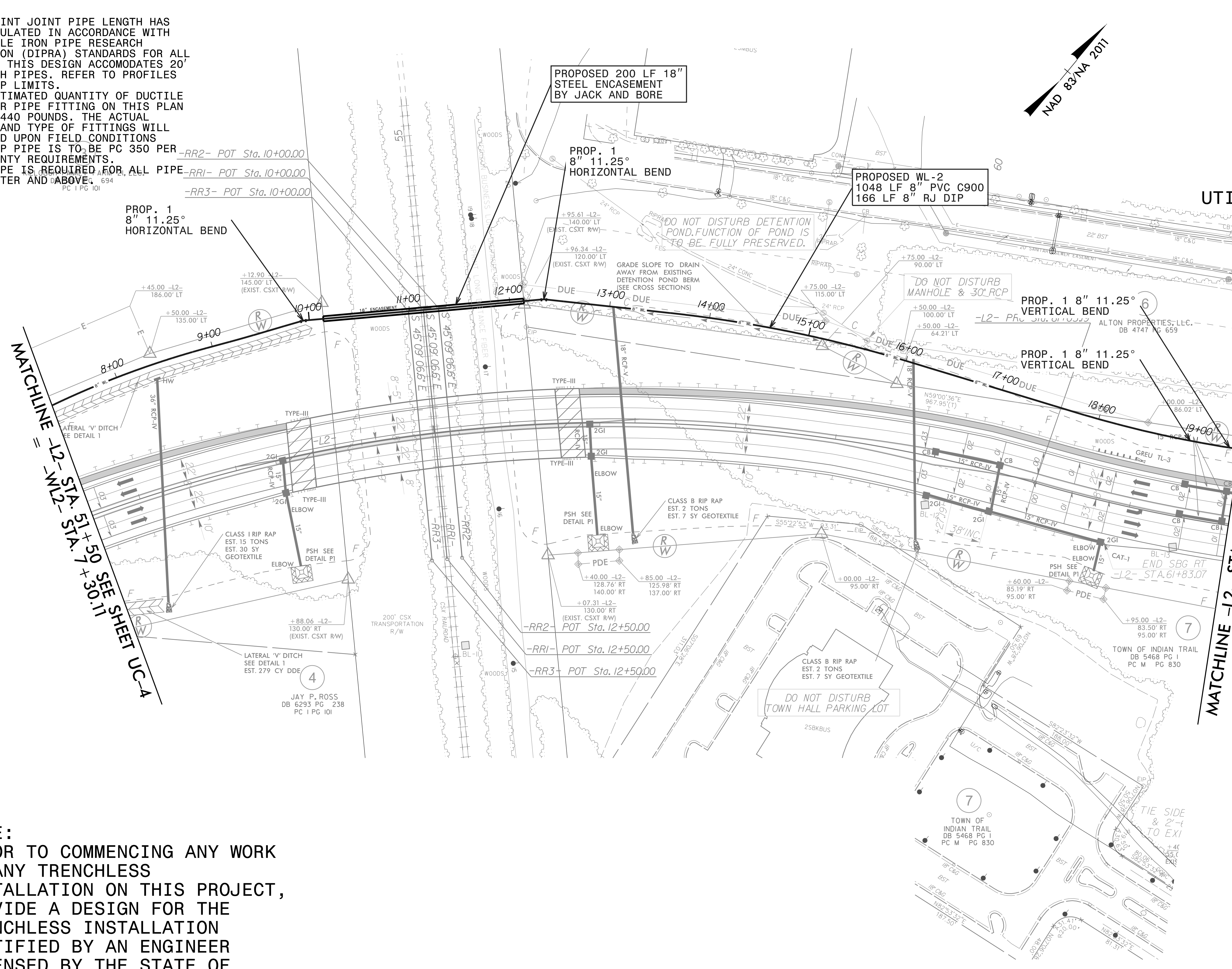


PROJECT REFERENCE NO.	SHEET NO.
U-5808	UC-5
THIS SHEET CORRESPONDS TO RDY-5	
DESIGNED BY: KJB	
DRAWN BY: JLS	
CHECKED BY: RJD	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SECTION PHONE: (919) 707-6690 FAX: (919) 250-4151	
<b>Mead&amp;Hunt</b> 111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670   meadhunt.com NC License No. F-1235	

### UTILITY CONSTRUCTION

**NOTE:**  
 1. RESTRAINT JOINT PIPE LENGTH HAS BEEN CALCULATED IN ACCORDANCE WITH THE DUCTILE IRON PIPE RESEARCH ASSOCIATION (DIPRA) STANDARDS FOR ALL FITTINGS. THIS DESIGN ACCOMODATES 20' LAY LENGTH PIPES. REFER TO PROFILES FOR RJ DIP LIMITS.  
 2. THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTING ON THIS PLAN SHEET IS 440 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED UPON FIELD CONDITIONS.  
 3. ALL DIP PIPE IS TO BE PC 350 PER UNION COUNTY REQUIREMENTS.  
 4. DIP PIPE IS REQUIRED FOR ALL PIPE 12" DIAMETER AND ABOVE.



MATCHLINE = -12- STA. 51+50 SEE SHEET UC-4

MATCHLINE = -WL2- STA. 63+00 SEE SHEET UC-6

**NOTE:**  
 PRIOR TO COMMENCING ANY WORK ON ANY TRENCHLESS INSTALLATION ON THIS PROJECT, PROVIDE A DESIGN FOR THE TRENCHLESS INSTALLATION CERTIFIED BY AN ENGINEER LICENSED BY THE STATE OF NORTH CAROLINA, AS REQUIRED BY SUBARTICLE 1550-3(B) OF THE STANDARD SECIFICATIONS.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

5/14/2023 09:32 C:\Users\jross\OneDrive\Documents\Projects\U-5808\U-5808-UC-5\U-5808-UC-5.dgn  
 4/30/2023 15:55:43.01\TECH\Utilities\U-5808\U-5808-UC-5\U-5808-UC-5.dgn  
 4/30/2023 09:32 C:\Users\jross\OneDrive\Documents\Projects\U-5808\U-5808-UC-5\U-5808-UC-5.dgn