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HINDE ENGINEERING
License No. C-2839
401 Harrison Oaks Blvd., Suite 220 Cary, NC 27513

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PROJECT REFERENCE NO.	SHEET NO.
B-4786	UC-4
DESIGNED BY: JKC	
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 PLANS ONLY

NORTH CAROLINA PROFESSIONAL SEAL ENGINEER COREY D BOUSQUET 023047
DocuSigned by: Corey D Bousquet P.E. B6C3F92887BC49A...
2/14/2022

UTILITY CONSTRUCTION

NAD 83 /NA 2011

BEGIN TIP PROJECT B-4786
-L- POC Sta. 22+00.00

APPROX. LOCATION OF PROP SOUTH TAR RIVER GREENW PHASE 3 (EB-5539)

REMOVE 20' OF 12" CI WATER LINE

PROP. 1-12" RJ DI PLUG W/ THRUST BLOCKING

PROP. 326' OF 8" WATER LINE (RJ DI, PC 350)

PROP. 8" VALVE

12" X 8" RED

22 1/2° & 12" SLEEVE

22 1/2°W/ THRUST BLOCKING

12" SLEEVE (TRANS TO DI AC)

PLUG

ABANDON

PROP. 45' OF 12" WATER LINE (RJ DI, PC 350)

PROP. 12" VALVE

PROP. 321' OF 12" WATER LINE (RJ DI, PC 350)

RE-LAP EXIST. GUARDRAIL AFTER DETOUR REMOVAL

USE ROCK PLATING FROM -L- STA 23+75+/- TO 25+49+/- RT EXTEND ROCK PLATING LIMITS TO 2.5:1 SLOPES CLASS II RIP RAP

CLASS B RIP RAP 1 TON,5 SY GEO

ABANDON 334' OF 12" UTILTIY PIPE

-L- PC Sta. 17+59.45
BEGIN CONSTRUCTION

-L-
PI Sta. 20+30.46
Δ = 18° 48' 00.0" (RT)
D = 3° 30' 00.0"
L = 537.14'
T = 271.01'
R = 1,637.02'
SE = SEE PLANS

-L- PT Sta. 22+96.59

MATCHLINE -L- STA. 24+50.00
SEE SHEET UC-05

EXISTING SIGNAL

NOTE:
THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 1500 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

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