

8/17/99



WETHERILL ENGINEERING
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - GIS/GPS - SURVEY/SUE - UTILITIES - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO.	SHEET NO.
HB-0004	UC-5
DESIGNED BY: PKP	
DRAWN BY: JDS	
CHECKED BY: PKP	
APPROVED BY: EGW	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

UTILITY CONSTRUCTION

355 LF DIRECTIONAL DRILL (2, 2" HDPE)
 355 LF TRACER WIRE
 (2) CONDUITS W/ PULL TAPE)
 CONDUITS AT 36" MINIMUM DEPTH

405 LF COMMUNICATION CABLE (12-FIBER)
 (INCLUDES 50 LF SLACK AT EACH JUNCTION BOX)

1200 LF REMOVE EXISTING COMMUNICATION CABLE

110 LF DIRECTIONAL DRILL (2, 2" HDPE)
 110 LF TRACER WIRE
 (2) CONDUITS W/ PULL TAPE)
 CONDUITS AT 36" MINIMUM DEPTH

210 LF COMMUNICATION CABLE (12-FIBER)
 (INCLUDES 50 LF SLACK AT EACH JUNCTION BOX)

452 LF DIRECTIONAL DRILL (2, 2" HDPE)
 452 LF TRACER WIRE
 (2) CONDUITS W/ PULL TAPE)
 CONDUITS AT 36" MINIMUM DEPTH

552 LF COMMUNICATION CABLE (12-FIBER)
 (INCLUDES 50 LF SLACK AT EACH JUNCTION BOX)

6" FORCE MAIN SEWER TO REMAIN

MATCHLINE -L- STA. 248+50.00 SEE SHT. UC-4

MATCHLINE -L- STA. 260+50.00 SEE SHT. UC-6

NCDOT JUNCTION BOX

NCDOT JUNCTION BOX

TIE IN TO EXISTING 12" WATER LINE WITH LONG PATTERN SLEEVE AND CONCRETE THRUST COLLAR (TYP)

8" VALVE

ABANDON 45 LF 8" UTILITY LINE
 ABANDON IN PLACE WITH FLOWABLE FILL

501 LF DIRECTIONAL DRILL (2, 2" HDPE)
 501 LF TRACER WIRE
 (2) CONDUITS W/ PULL TAPE)
 CONDUITS AT 36" MINIMUM DEPTH

NCDOT JUNCTION BOX

551 LF COMMUNICATION CABLE (12-FIBER)
 (INCLUDES 50 LF SLACK AT EACH JUNCTION BOX)

53 LF 8" WATER LINE WL-1; DIP PC350

8" VALVE

TIE IN TO EXISTING 8" WATER LINE WITH LONG PATTERN SLEEVE AND CONCRETE THRUST COLLAR (TYP)

8" VALVE

ABANDON 46 LF 8" UTILITY LINE

METAL POLE REMOVAL
 METAL POLE FOUNDATION REMOVAL

50 LF 8" WATER LINE WL-2; DIP PC350

8" VALVE

PORTABLE TRAILER-MOUNTED CCTV CAMERA

ICM PORTABLE TRAILER-MOUNTED CCTV CAMERA

EXISTING 6" FORCE MAIN SEWER (TO REMAIN)

ABANDON 64 LF 6" UTILITY PIPE
 ABANDON IN PLACE WITH FLOWABLE FILL

67 LF 6" FORCE MAIN SEWER FSS-1; DIP PC350

TIE IN TO EXISTING 6" FORCE MAIN SEWER WITH LONG PATTERN SLEEVE AND CONCRETE THRUST COLLAR (TYP)

NOTE:
 THE ESTIMATED QUANTITY OF DUCTILE IRON WATER PIPE FITTINGS ON THIS PLAN SHEET IS 1440 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

NOTE:
 THE ESTIMATED QUANTITY OF DUCTILE IRON SEWER PIPE FITTINGS ON THIS PLAN SHEET IS 300 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

REVISIONS

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TH-5
 N=679285.92'
 E=854736.64'
 TOP OF UTILITY= 2662.13'
 DEPTH= 3.28'

TH-3
 N=679482.39'
 E=854029.53'
 TOP OF UTILITY= 2667.62'
 DEPTH= 3.51'

TH-2
 N=679747.11'
 E=854855.47'
 TOP OF UTILITY= 2664.55'
 DEPTH= 3.65'

TH-4
 N=679781.70'
 E=854783.97'
 TOP OF UTILITY= 2663.73'
 DEPTH= 3.56'

TH-1
 N=679840.42'
 E=854029.37'
 TOP OF UTILITY= 2662.41'
 DEPTH= 3.80'