

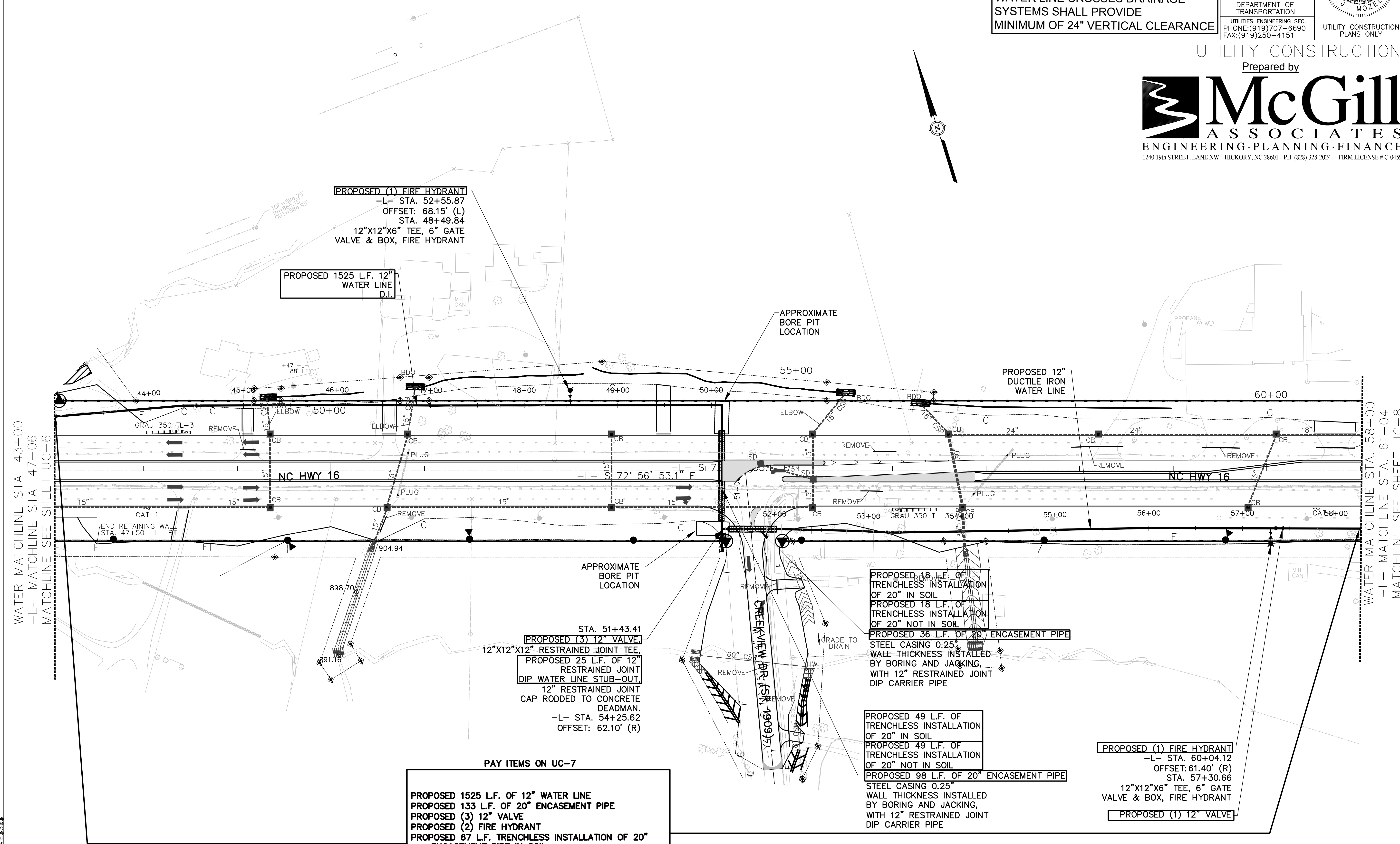
PROJECT REFERENCE NO. R-3100B	SHEET NO. UC-7
DESIGNED BY: RJM	
DRAWN BY: RAB	
CHECKED BY: DGC	
APPROVED BY:	
REVISED:	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

DOCUMENT NOT CONSIDERED FINAL  
UNTIL ALL SIGNATURES COMPLETE

NOTE:  
ALL LOCATIONS WHERE PROPOSED  
WATER LINE CROSSES DRAINAGE  
SYSTEMS SHALL PROVIDE  
MINIMUM OF 24" VERTICAL CLEARANCE

UTILITY CONSTRUCTION

Prepared by



**PROPOSED (1) FIRE HYDRANT**  
 -L- STA. 52+55.87  
 OFFSET: 68.15' (L)  
 STA. 48+49.84  
 12"X12"X6" TEE, 6" GATE  
 VALVE & BOX, FIRE HYDRANT

**PROPOSED 1525 L.F. 12" WATER LINE D.I.**

APPROXIMATE  
BORE PIT  
LOCATION

**PROPOSED 12" DUCTILE IRON WATER LINE**

APPROXIMATE  
BORE PIT  
LOCATION

**PROPOSED 18 L.F. OF TRENCHLESS INSTALLATION OF 20" IN SOIL**  
**PROPOSED 18 L.F. OF TRENCHLESS INSTALLATION OF 20" NOT IN SOIL**  
**PROPOSED 36 L.F. OF 20" ENCASEMENT PIPE STEEL CASING 0.25" WALL THICKNESS INSTALLED BY BORING AND JACKING, WITH 12" RESTRAINED JOINT DIP CARRIER PIPE**

STA. 51+43.41  
**PROPOSED (3) 12" VALVE**  
 12"X12"X12" RESTRAINED JOINT TEE,  
 PROPOSED 25 L.F. OF 12" RESTRAINED JOINT  
 DIP WATER LINE STUB-OUT  
 12" RESTRAINED JOINT CAP RODDED TO CONCRETE DEADMAN.  
 -L- STA. 54+25.62  
 OFFSET: 62.10' (R)

**PROPOSED 49 L.F. OF TRENCHLESS INSTALLATION OF 20" IN SOIL**  
**PROPOSED 49 L.F. OF TRENCHLESS INSTALLATION OF 20" NOT IN SOIL**  
**PROPOSED 98 L.F. OF 20" ENCASEMENT PIPE STEEL CASING 0.25" WALL THICKNESS INSTALLED BY BORING AND JACKING, WITH 12" RESTRAINED JOINT DIP CARRIER PIPE**

**PROPOSED (1) FIRE HYDRANT**  
 -L- STA. 60+04.12  
 OFFSET: 61.40' (R)  
 STA. 57+30.66  
 12"X12"X6" TEE, 6" GATE  
 VALVE & BOX, FIRE HYDRANT  
**PROPOSED (1) 12" VALVE**

**PAY ITEMS ON UC-7**  
 PROPOSED 1525 L.F. OF 12" WATER LINE  
 PROPOSED 133 L.F. OF 20" ENCASEMENT PIPE  
 PROPOSED (3) 12" VALVE  
 PROPOSED (2) FIRE HYDRANT  
 PROPOSED 67 L.F. TRENCHLESS INSTALLATION OF 20" ENCASEMENT PIPE IN SOIL  
 PROPOSED 67 L.F. TRENCHLESS INSTALLATION OF 20" ENCASEMENT PIPE NOT IN SOIL

WATER MATCHLINE STA. 43+00  
 -L- MATCHLINE STA. 47+06  
 MATCHLINE SEE SHEET UC-6

WATER MATCHLINE STA. 58+00  
 -L- MATCHLINE STA. 61+04  
 MATCHLINE SEE SHEET UC-8

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 SYSTEMS  
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