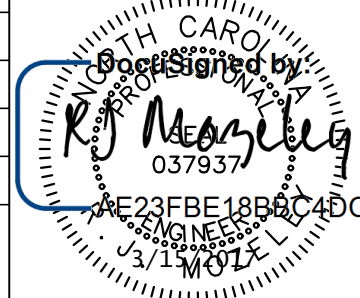


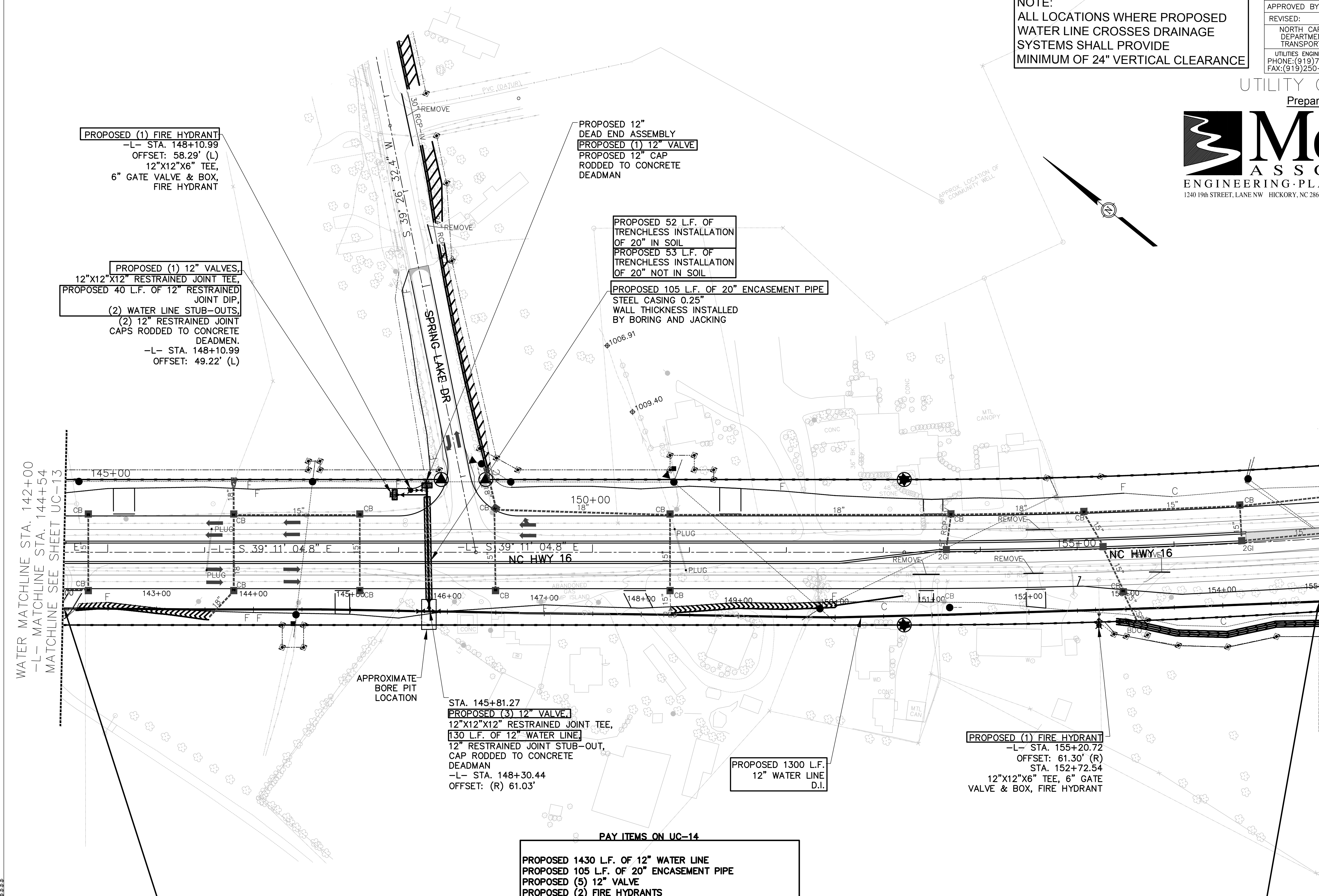
PROJECT REFERENCE NO. R-3100B	SHEET NO. UC-14
DESIGNED BY: RJM	
DRAWN BY: RAB	
CHECKED BY: DGC	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

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. 148+10.99
 OFFSET: 58.29' (L)
 12"X12"X6" TEE,
 6" GATE VALVE & BOX,
 FIRE HYDRANT

PROPOSED (1) 12" VALVES,
 12"X12"X12" RESTRAINED JOINT TEE,
 PROPOSED 40 L.F. OF 12" RESTRAINED
 JOINT DIP,
 (2) WATER LINE STUB-OUTS,
 (2) 12" RESTRAINED JOINT
 CAPS RODDED TO CONCRETE
 DEADMEN.
 -L- STA. 148+10.99
 OFFSET: 49.22' (L)

PROPOSED 12" DEAD END ASSEMBLY
PROPOSED (1) 12" VALVE
 PROPOSED 12" CAP
 RODDED TO CONCRETE
 DEADMAN

PROPOSED 52 L.F. OF TRENCHLESS INSTALLATION OF 20" IN SOIL
PROPOSED 53 L.F. OF TRENCHLESS INSTALLATION OF 20" NOT IN SOIL

PROPOSED 105 L.F. OF 20" ENCASEMENT PIPE
 STEEL CASING 0.25" WALL THICKNESS INSTALLED BY BORING AND JACKING

STA. 145+81.27
PROPOSED (3) 12" VALVE,
 12"X12"X12" RESTRAINED JOINT TEE,
 130 L.F. OF 12" WATER LINE,
 12" RESTRAINED JOINT STUB-OUT,
 CAP RODDED TO CONCRETE
 DEADMAN
 -L- STA. 148+30.44
 OFFSET: (R) 61.03'

PROPOSED 1300 L.F. 12" WATER LINE D.I.

PROPOSED (1) FIRE HYDRANT
 -L- STA. 155+20.72
 OFFSET: 61.30' (R)
 STA. 152+72.54
 12"X12"X6" TEE, 6" GATE
 VALVE & BOX, FIRE HYDRANT

PAY ITEMS ON UC-14

PROPOSED 1430 L.F. OF 12" WATER LINE
 PROPOSED 105 L.F. OF 20" ENCASEMENT PIPE
 PROPOSED (5) 12" VALVE
 PROPOSED (2) FIRE HYDRANTS
 PROPOSED 52 L.F. TRENCHLESS INSTALLATION OF 20" ENCASEMENT PIPE IN SOIL
 PROPOSED 53 L.F. TRENCHLESS INSTALLATION OF 20" ENCASEMENT PIPE NOT IN SOIL

WATER MATCHLINE STA. 142+00
 -L- MATCHLINE STA. 144+54
 MATCHLINE SEE SHEET UC-13

WATER MATCHLINE STA. 155+00
 -L- MATCHLINE STA. 157+56
 MATCHLINE SEE SHEET UC-15

NO SYSTEMS SHALL BE DISRUPTED OR DAMAGED BY THIS PROJECT. ALL EXISTING UTILITIES SHALL BE PROTECTED AND MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL UTILITIES TO ORIGINAL OR BETTER CONDITION AFTER COMPLETION OF THE PROJECT.