


PROJECT REFERENCE NO. R-3100B	SHEET NO. UC-16
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	

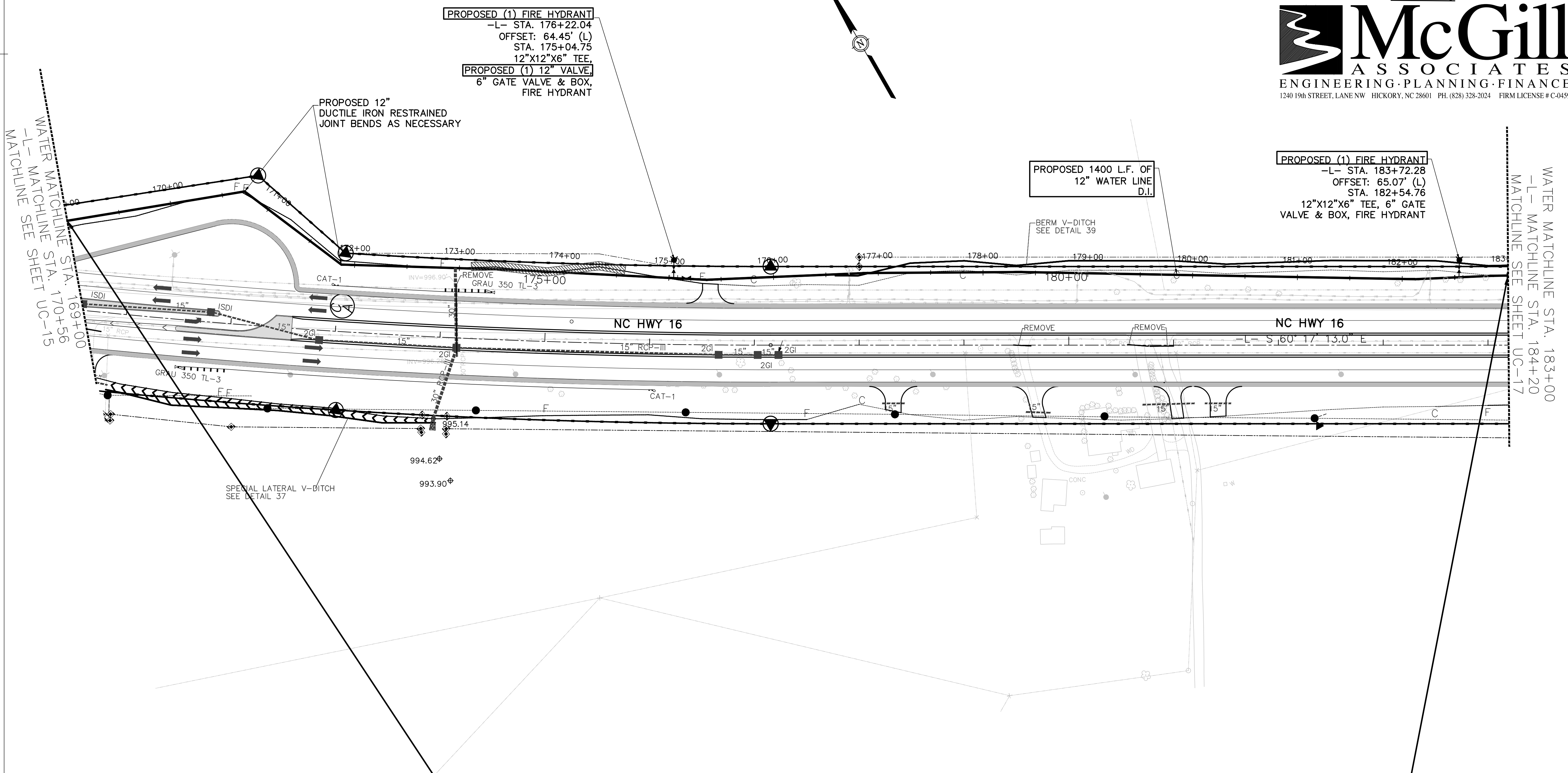
DOCUMENT NOT CONSIDERED FINAL  
UNTIL ALL SIGNATURES COMPLETE

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

UTILITY CONSTRUCTION  
Prepared by



**McGill**  
ASSOCIATES  
ENGINEERING · PLANNING · FINANCE  
1240 19th STREET, LANE NW HICKORY, NC 28601 PH. (828) 328-2024 FIRM LICENSE # C-0459



PROPOSED (1) FIRE HYDRANT  
-L- STA. 176+22.04  
OFFSET: 64.45' (L)  
STA. 175+04.75  
12"X12"X6" TEE,  
6" GATE VALVE & BOX,  
FIRE HYDRANT

PROPOSED 12"  
DUCTILE IRON RESTRAINED  
JOINT BENDS AS NECESSARY

PROPOSED 1400 L.F. OF  
12" WATER LINE  
D.I.

PROPOSED (1) FIRE HYDRANT  
-L- STA. 183+72.28  
OFFSET: 65.07' (L)  
STA. 182+54.76  
12"X12"X6" TEE, 6" GATE  
VALVE & BOX, FIRE HYDRANT

PAY ITEMS FOR UC-16  
PROPOSED 1400 L.F. OF 12" WATER LINE  
PROPOSED (1) 12" VALVE  
PROPOSED (2) FIRE HYDRANT