

PROJECT REFERENCE NO. R-3100B	SHEET NO. UC-17
DESIGNED BY: RJM	
DRAWN BY: RAB	
CHECKED BY: DGC	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	UTILITY CONSTRUCTION PLANS ONLY
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	

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. 191+22.11
OFFSET: 69.63' (L)
STA. 190+04.06
12"x12"x6" TEE,
PROPOSED (1) 12" VALVE,
6" GATE VALVE & BOX,
FIRE HYDRANT

PROPOSED 12 L.F. OF
TRENCHLESS INSTALLATION
OF 20" IN SOIL
PROPOSED 13 L.F. OF
TRENCHLESS INSTALLATION
OF 20" NOT IN SOIL

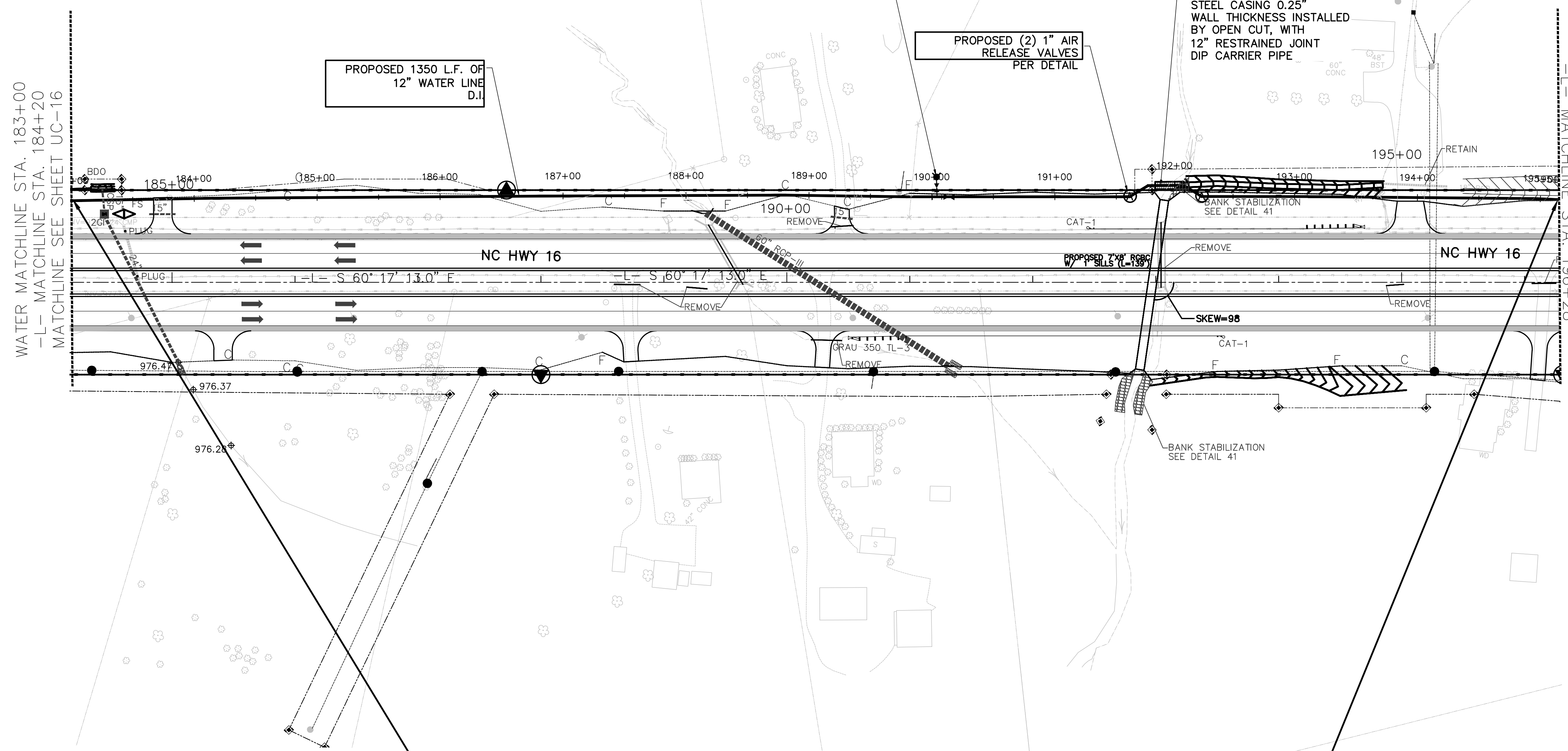
PROPOSED (2) 1" AIR
RELEASE VALVES
PER DETAIL

PROPOSED 25 L.F. OF 20" ENCASEMENT PIPE
STEEL CASING 0.25"
WALL THICKNESS INSTALLED
BY OPEN CUT, WITH
12" RESTRAINED JOINT
DIP CARRIER PIPE

PROPOSED 1350 L.F. OF
12" WATER LINE
D.I.

WATER MATCHLINE STA. 183+00
-L- MATCHLINE STA. 184+20
MATCHLINE SEE SHEET UC-16

WATER MATCHLINE STA. 196+17.63 R3100B
WATER MATCHLINE STA. 10+00.00 R3100A
-L- MATCHLINE STA. 196+28



PAY ITEMS FOR UC-17
 PROPOSED 1350 L.F. OF 12" WATER LINE
 PROPOSED (1) 12" VALVE
 PROPOSED (1) FIRE HYDRANT
 PROPOSED (2) AIR RELEASE VALVE
 PROPOSED 12 L.F. OF TRENCHLESS INSTALLATION OF 20" IN SOIL
 PROPOSED 13 L.F. OF TRENCHLESS INSTALLATION OF 20" NOT IN SOIL