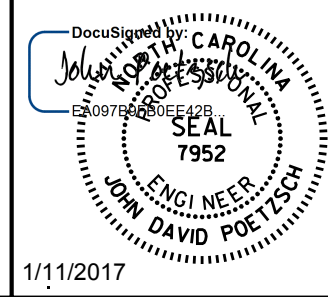
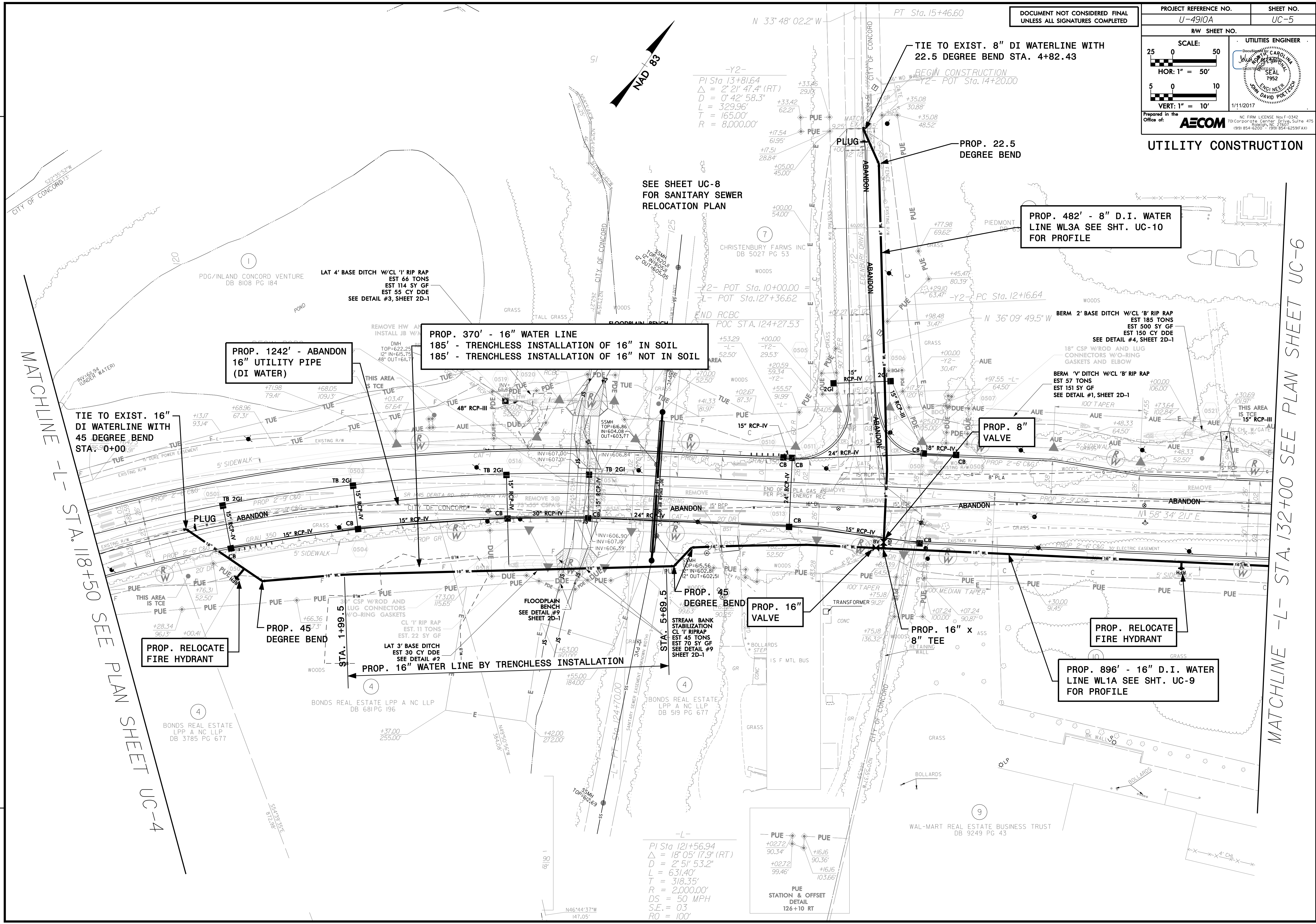


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO. U-4910A	SHEET NO. UC-5
RW SHEET NO.	
SCALE: 25 0 50 HOR: 1" = 50' 5 0 10 VERT: 1" = 10'	UTILITIES ENGINEER 
Prepared in the Office of: AECOM	NC FIRM LICENSE No. F-0342 701 Corporate Center Drive, Suite 4175 Raleigh, NC 27607 (919) 854-6200 • (919) 854-6259(FAX)

UTILITY CONSTRUCTION



MATCHLINE -L- STA. 118+50 SEE PLAN SHEET UC-4

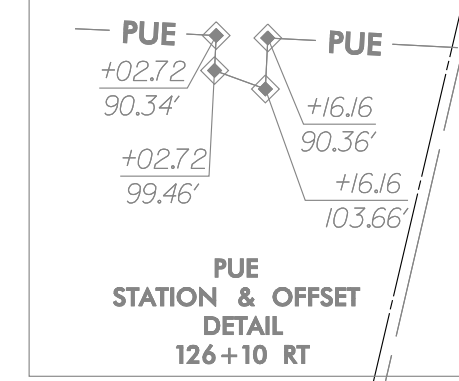
MATCHLINE -L- STA. 132+00 SEE PLAN SHEET UC-6

REVISIONS

Revisions:

DWG: u4910_uc_04025.dgn
 USER: sw/hsong
 DATE: 1/11/2017
 TIME: 12:17:33 PM

-L-
 PI Sta. 121+56.94
 $\Delta = 18' 05" 17.9" (RT)$
 $D = 2' 5' 53.2"$
 $L = 631.40'$
 $T = 318.35'$
 $R = 2,000.00'$
 $DS = 50 MPH$
 $S.E. = 03$
 $RO = 100'$



PROP. 370' - 16" WATER LINE
 185' - TRENCHLESS INSTALLATION OF 16" IN SOIL
 185' - TRENCHLESS INSTALLATION OF 16" NOT IN SOIL

PROP. 1242' - ABANDON
 16" UTILITY PIPE
 (DI WATER)

PROP. 8" VALVE

PROP. RELOCATE
FIRE HYDRANT

PROP. 45
DEGREE BEND

PROP. 16" WATER LINE BY TRENCHLESS INSTALLATION

PROP. 45
DEGREE BEND

PROP. 16" VALVE

PROP. 16" x
8" TEE

PROP. RELOCATE
FIRE HYDRANT

PROP. 896' - 16" D.I. WATER
LINE WL1A SEE SHT. UC-9
FOR PROFILE

PROP. 482' - 8" D.I. WATER
LINE WL3A SEE SHT. UC-10
FOR PROFILE

SEE SHEET UC-8
FOR SANITARY SEWER
RELOCATION PLAN

TIE TO EXIST. 8" DI WATERLINE WITH
22.5 DEGREE BEND STA. 4+82.43

LAT 4' BASE DITCH W/CL 1" RIP RAP
EST 66 TONS
EST 114 SY GF
EST 55 CY DDE
SEE DETAIL #3, SHEET 2D-1

BERM 2' BASE DITCH W/CL 'B' RIP RAP
EST 185 TONS
EST 500 SY GF
EST 150 CY DDE
SEE DETAIL #4, SHEET 2D-1

BERM 1' DITCH W/CL 'B' RIP RAP
EST 57 TONS
EST 151 SY GF
SEE DETAIL #1, SHEET 2D-1

LAT 3' BASE DITCH
EST 30 CY DDE
SEE DETAIL #2

STREAM BANK
STABILIZATION
CL 1" RIP RAP
EST 45 TONS
EST 70 SY GF
SEE DETAIL #9
SHEET 2D-1