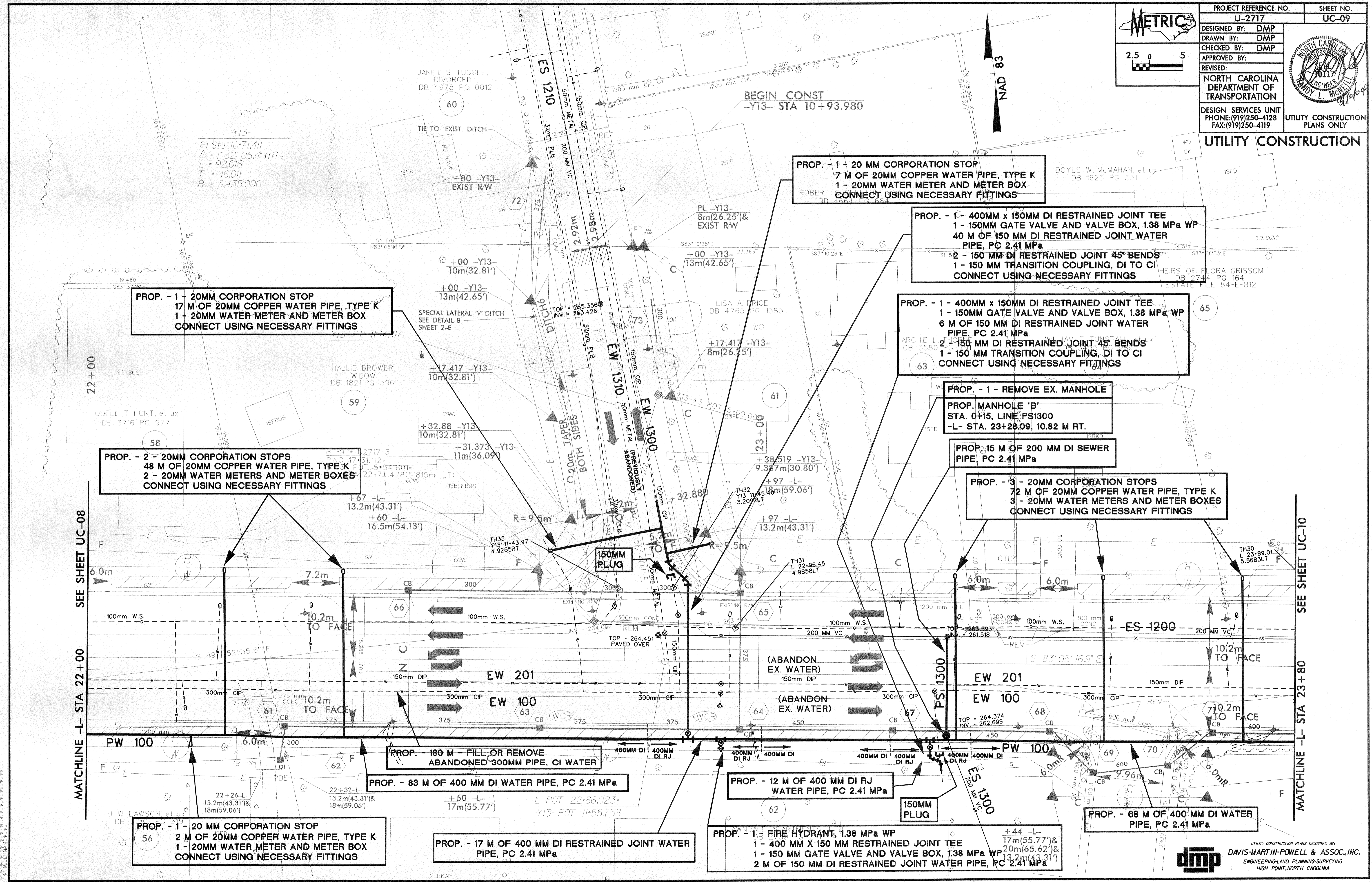


PROJECT REFERENCE NO. U-2717	SHEET NO. UC-09
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
DESIGN SERVICES UNIT PHONE: (919) 250-4128 FAX: (919) 250-4119	UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION



PROP. - 1 - 20MM CORPORATION STOP
 17 M OF 20MM COPPER WATER PIPE, TYPE K
 1 - 20MM WATER METER AND METER BOX
 CONNECT USING NECESSARY FITTINGS

PROP. - 2 - 20MM CORPORATION STOPS
 48 M OF 20MM COPPER WATER PIPE, TYPE K
 2 - 20MM WATER METERS AND METER BOXES
 CONNECT USING NECESSARY FITTINGS

PROP. - 1 - 20 MM CORPORATION STOP
 2 M OF 20MM COPPER WATER PIPE, TYPE K
 1 - 20MM WATER METER AND METER BOX
 CONNECT USING NECESSARY FITTINGS

PROP. - 17 M OF 400 MM DI RESTRAINED JOINT WATER
 PIPE, PC 2.41 MPa

PROP. - 1 - FIRE HYDRANT, 1.38 MPa WP
 1 - 400 MM X 150 MM RESTRAINED JOINT TEE
 1 - 150 MM GATE VALVE AND VALVE BOX, 1.38 MPa WP
 2 M OF 150 MM DI RESTRAINED JOINT WATER PIPE, PC 2.41 MPa

PROP. - 1 - 20 MM CORPORATION STOP
 7 M OF 20MM COPPER WATER PIPE, TYPE K
 1 - 20MM WATER METER AND METER BOX
 CONNECT USING NECESSARY FITTINGS

PROP. - 1 - 400MM X 150MM DI RESTRAINED JOINT TEE
 1 - 150MM GATE VALVE AND VALVE BOX, 1.38 MPa WP
 40 M OF 150 MM DI RESTRAINED JOINT WATER
 PIPE, PC 2.41 MPa
 2 - 150 MM DI RESTRAINED JOINT 45° BENDS
 1 - 150 MM TRANSITION COUPLING, DI TO CI
 CONNECT USING NECESSARY FITTINGS

PROP. - 1 - 400MM X 150MM DI RESTRAINED JOINT TEE
 1 - 150MM GATE VALVE AND VALVE BOX, 1.38 MPa WP
 6 M OF 150 MM DI RESTRAINED JOINT WATER
 PIPE, PC 2.41 MPa
 2 - 150 MM DI RESTRAINED JOINT 45° BENDS
 1 - 150 MM TRANSITION COUPLING, DI TO CI
 CONNECT USING NECESSARY FITTINGS

PROP. - 1 - REMOVE EX. MANHOLE
 PROP. MANHOLE 'B'
 STA. 0+15, LINE PS1300
 -L- STA. 23+28.09, 10.82 M RT.

PROP. 15 M OF 200 MM DI SEWER
 PIPE, PC 2.41 MPa

PROP. - 3 - 20MM CORPORATION STOPS
 72 M OF 20MM COPPER WATER PIPE, TYPE K
 3 - 20MM WATER METERS AND METER BOXES
 CONNECT USING NECESSARY FITTINGS

PROP. - 180 M - FILL OR REMOVE
 ABANDONED 300MM PIPE, CI WATER

PROP. - 83 M OF 400 MM DI WATER PIPE, PC 2.41 MPa

PROP. - 68 M OF 400 MM DI WATER
 PIPE, PC 2.41 MPa

MATCHLINE -L- STA 22+00
SEE SHEET UC-08

MATCHLINE -L- STA 23+80
SEE SHEET UC-10