



PROJECT REFERENCE NO. B-2583	SHEET NO. UC-1
SCALE: 5 0 10	UTILITY ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 23082 LARRY S. GIBSON 10-8-04
CONST. REV.	
R/W REV.	

UTILITY CONSTRUCTION

PROP. 3M - 150MM DI RESTRAINED JOINT WATER PIPE, PC 2.41MPA
1 - 150MM X 150MM TAPPING SLEEVE, VALVE & VALVE BOX, 1.38MPA WP
1 - 150MM 11 1/4° DI RESTRAINED JOINT BEND
CONNECT USING NECESSARY FITTINGS

PROP. 32M - 150MM DI WATER PIPE, PC 2.41MPA
1 - 150MM 45° DI BEND
1 - 150MM 11 1/4° DI BEND
1 - RELOCATE EXISTING FIRE HYDRANT
5M - 150MM DI WATER PIPE, PC 2.41MPA
2 - 150MM GATE VALVE & VALVE BOX, 1.38MPA WP
1 - 150MM X 150MM DI TEE
CONNECT USING NECESSARY FITTINGS

200MM DI WATER LINE ON BRIDGE
BEGIN STA. 11+17.949 -L-
END STA. 13+22.855 -L-, 7.20M LT.
SEE STRUCTURES PLAN SHT.

PROP. 150MM DI PLUG

PROP. 1 - 200MM X 150MM DI REDUCER
11M - 200MM DI RESTRAINED JOINT WATER PIPE, PC 2.41MPA
1 - 200MM 22 1/2° DI RESTRAINED JOINT BEND
1 - 200MM 11 1/4° DI RESTRAINED JOINT BEND
1 - 150MM X 150MM TAPPING SLEEVE, VALVE & VALVE BOX, 1.38MPA WP
CONNECT USING NECESSARY FITTINGS

PROP. 1 - 200MM X 150MM DI REDUCER
12.7M - 200MM DI RESTRAINED JOINT WATER PIPE, PC 2.41MPA
2 - 200MM 45° DI RESTRAINED JOINT BENDS
1 - 200MM GATE VALVE AND VALVE BOX, 1.38MPA WP
CONNECT USING NECESSARY FITTINGS

GENERAL NOTES:

1. THE SHUTDOWN OF WATER LINES FOR RELOCATION SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY OWNER.
2. THE CONTRACTOR SHALL ROTATE PROPOSED BENDS AS NECESSARY TO PROVIDE FOR VERTICAL ALIGNMENT.
3. THE CONTRACTOR SHALL DETERMINE THE ACTUAL LENGTH TO BE RESTRAINED FOR ALL TIE-IN SECTIONS.

NOTE:

1. THE 150MM WATER LINES ARE OWNED BY THE TOWN OF MARSHALL.
2. ALL CONNECTIONS SHALL BE MADE USING NECESSARY FITTINGS. THESE FITTINGS ARE AWWA C110 OR C153 PAID BY C110 WEIGHT IN KILOGRAMS.

NOTE: FOR ACCURATE APPROACH SLAB LOCATIONS SEE STRUCTURE PLAN SHEETS S-1 TO S-

