General Construction Notes

1) Fittings reflect the use of ductile iron pipe. If an alternate pipe is used the fittings must reflect the use of said pipe.

2) All MJ fittings require the use of retaining glands.

3) All branch and run fittings must be restrained by harness system per P.W.D. STD. W-18-23.

4) Miscellaneous blind flanges, test plates, and blow-offs will be required to test new main prior to tie-in. Blow-offs to be plugged with iron plug after tie-in.

5) Contractor to pothole all utility crossings and tie-in points prior to construction to verify location, depth, and configuration of existing facilities.

6) Water main to maintain a minimum of 42" of cover under future T.C. grade. Where existing grade falls below future T.C. grade, contractor to provide compacted fill to maintain a minimum of 42" of cover at proposed or future T.C. grade a minimum of ten feet (10') either side of proposed mainline prior to installation of main.

7) Pressure regulators are required for all services where system pressure meets or exceeds 80 psi. Regulators to be maintained by property owner.

8) The minimum separation (vertical) between water main and crossing utilities or improvements is one foot (1'). Sanitary sewer and storm drain must cross below water main.