

**WATER MAIN NOTES**

- PIPE MATERIALS FOR WATER MAIN SHALL BE CLASS 52 DUCTILE IRON WITH A CEMENT MORTAR LINING AND A MINIMUM WORKING PRESSURE OF 150 P.S.I. ALL FITTING SHALL BE CAST IRON WITH A CEMENT MORTAR LINING AND A WORKING PRESSURE OF 250 P.S.I. ALL MATERIAL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:  
 ANSI A21.51 DUCTILE CAST IRON (ALL JOINT TYPES) CENTRIFUGALLY CAST IN METAL MOLDS OR SAND LINED MOLDS FOR WATER OR OTHER LIQUIDS.  
 ANSI A21.4 CEMENT MORTAR LINING FOR PIPES AND FITTINGS.  
 ANSI A21.50 USE TO DETERMINE WALL THICKNESS FOR DUCTILE CAST IRON UNDERGROUND PIPES.
- FIRE HYDRANTS, VALVES, AND SERVICES SHALL BE INSTALLED ACCORDING TO STANDARD SPECIFICATIONS AND CURRENT VILLAGE STANDARDS AND DETAILS. MATERIALS SHALL MEET VILLAGE REQUIREMENTS.
- VALVE AND VALVE VAULTS SHALL BE IN ACCORDANCE WITH DETAILS INCLUDED WITH THE PLANS AND THE REQUIREMENTS OF THE VILLAGE.
- TESTING AND CHLORINATION - ALL PIPES SHALL BE SUBJECT TO PRESSURE LEAKAGE TESTING IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE REFERENCED SECTION OF THE AWWA STANDARDS. THE PRESSURE TEST PERIOD SHALL BE 4 HOURS AT 150 P.S.I., MINIMUM.
- THE WORK SHALL INCLUDE ALL EXCAVATION INCLUDING SATISFACTORY DISPOSAL OF EXCESS MATERIAL.

