- shall meet the requirements of shall be used for calking. pressure gaskets shall be used and the inches packing material and lead meeting the requirements of AWWA C600, Sec. be used for calking. For mechanical joint ends, lead tipped rubber gaskets shall be used and the joint shall meet the requirements of ASA and and spigot ends, centrifugally cast in either metal molds or sand-lined molds, requirements of either ASA A21.6 or ASA A21.8. All pipe shall Cast-Iron Water Main Pipe When cement mortar lining is shall have either bell and spigot ends or mechanical fittings in diameter, shall meet approved shall meet the requirements of ASA A the requirements of AWWA C100. ASA A21.4. Short body and Fittings. asbestos requirements rope or treated paper rope shall be Short body cast iron fittings, quirements of ASA A21.10 and cast Cast-iron pipe for water Plans or in joint ends. the Proposal and be Class of ASA mains shall
- pipe. the requirements and Normal maximum design pressure shall be not less than 150 psi. Reinforced Concrete Water Main Pipe and Fittings. Reinforced concrete fittings for water mains shall be of the steel cylinder type and shall requirements of AWWA C300 if not prestressed or AWWA C300 for prestressed
- (c) Valves and Hydrants. Gate valves shall be the parallel seat double gate type meeting the requirements of AWWA C500 and shall have enclosed stems of brass or bronze. All other moving parts shall be bronze or bronze mounted. Fire hydrants shall have one 4-1/2-inch opening and two 2-1/2-inch openings and the requirements of AWWA C502.
- and secured to Service boxes shall be of the stops shall be of brass or bronze and shall have service branches. Corporation stops shall be of brass or bronze with Mueller thread inlet and an outlet fitted to receive copper service tubing, Service tubing meeting the requirements of ASTM B with check and the inlet end shall be fitted to receive copper service tubing. service stop. Service Lines and Fittings. the shaft with a brass fitted to receive copper service tubing. Service Buffalo or bronze bolt. pattern. Type K, soft temper seamless copper water W B 251 and ASTM B 88 shall be used for al and ASTM B 88 shall be used for all The cover shall inverted key, combined cap and The foot piece shall be marked WATER
- I-124.03 W water ma 03 New Water Main. This item shall consist or main to the line and grade shown on the Plans. This item shall consist of furnishing and laying
- trench dewatering pumps shall be conducted to natural drainage channels, drains drained that the workmen may work therein safely and efficiently. pipe-laying as Excavation. specified by the Engineer. The trench shall be excavated only so The trench shall be so braced and Discharge of

of such at ructures and unknown, may be of the trench so The Contractor shall that the when broken or otherwise proceed with caution in the excavation and preparation exact location of underground structures, both and he shall be held responsible for the damaged because of responsible carelessness