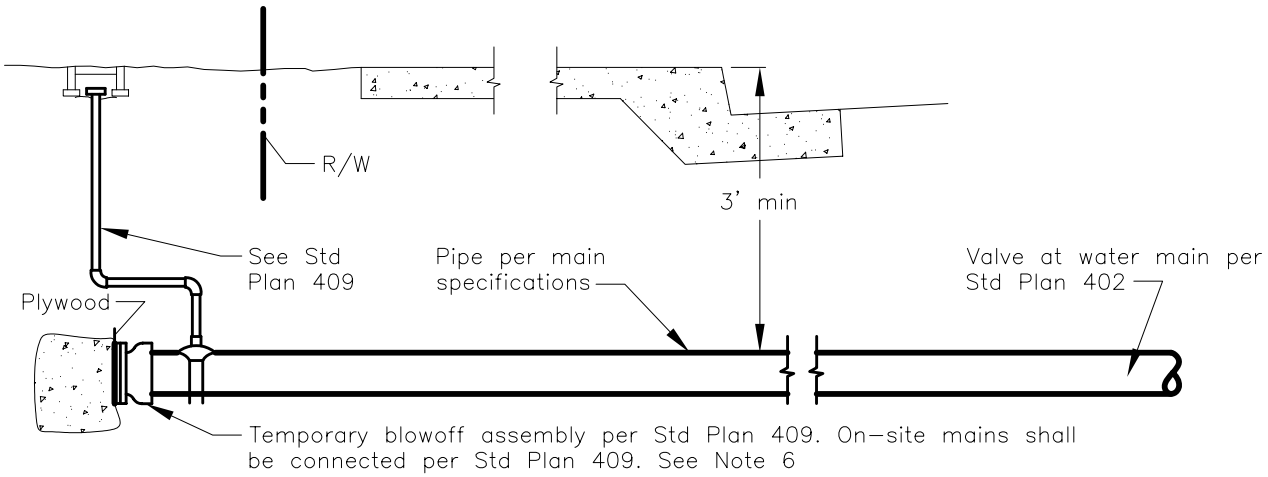
# CITY OF LODI

PUBLIC WORKS DEPARTMENT

## Fire Service




4" & Larger Service

Notes:

1. If not alarmed a detector check valve w/bypass meter shall be installed at fire-sprinkler system connection only. Installation details shall conform to Fire Dept. and Bldg. Dept. requirements. (See Detail A)
2. On-site fire mains shall be completely isolated from domestic lines.
3. On-site fire mains looped to the City system must be specifically approved by the Public Works Director and must be equipped with double check valve assemblies at each connection. In such cases the services shall be installed per Std. Plan 406 with the Double Check Valve assemblies installed in an appropriately sized box at the property line.
4. Suitable backflow prevention devices will be required for fire systems having auxiliary sources of supply, elevated tanks or chemical additives, or other special conditions.
5. Sufficient valves shall be provided to separate sprinkler, hydrant and domestic systems. Additional main line valves may be required depending on the complexity of the on-site system.
6. Pressure and bacteriological tests per City of Lodi Construction Specifications are required for on-site systems unless waived by the Public Works Director.
7. Systems with booster pumps shall be equipped with a pressure sustaining valve to the approval of the Public Works Director.



| Dr. KT | No. | Date | Revision | Appr. | Approved By: | STD PLAN |
|---|---|---|---|---|---|---|
| Ch. WS | 1 | 9/25 | REVISED F.D.C. LOCATION | | F. Wally Sandelin, City Engineer, R.C.E. 39895 — 9/25/02 Date | 407 |
| Date 12/00 | | | | | | |