

HYDRANT OUTLETS SHALL FACE STREET AT 45° ANGLES (UNLESS DIRECTED OTHERWISE BY CITY OF VISALIA OR FIRE PROTECTION AGENCY.)

FINISHED GRADE

VALVE CASING & COVER ASSEMBLY PER VALVE CASING, COVER & FRAME INSTALLATION DETAILS

6" GATE VALVE PO WITH "FIELD-LOK" GASKETS

TEE PO WITH ONE "FIELD-LOK" GASKET

CONCRETE THRUST BLOCK POURED AGAINST UNDISTURBED GROUND, CONSTRUCTION SHALL BE PER TYPICAL THRUST BLOCK INSTALLATION.

6" DUCTILE IRON PIPE

6" DUCTILE IRON PIPE, PO "FIELD-LOK" GASKETS ALL JOINTS

±2"  
SEE NOTE 3

EXTENSION, SEE NOTE 2

MEG-A-LUG

18" MIN.

CONCRETE THRUST BLOCK POURED AGAINST UNDISTURBED GROUND. (8 SQ. FT. MIN. BEARING AREA)

HYDRANT BURY MECH. JOINT X FLG. (CLOW, SBF, SIGMA, OR STAR PIPE)

**STANDARD  
INSTALLATION**

6" GATE VALVE PO X FLG WITH "FIELD-LOK" GASKET  
FLANGE-TYTE GASKET AND STAINLESS STEEL #304 BOLTS AND NUTS

TEE PO X FLG

6" DUCTILE IRON PIPE, PO "FIELD-LOK" GASKET ALL JOINTS  
MEG-A-LUG

**ALTERNATE  
INSTALLATION**

**NOTES:**

1. ALL FIRE HYDRANT MATERIALS SHALL COMPLY WITH MATERIAL SPECIFICATIONS.
2. A HYDRANT EXTENSION MAY BE REQUIRED TO ADJUST FOR FINISHED GRADE.
3. FOR WET BARREL HYDRANTS THIS DIMENSION IS FROM FINISHED GRADE TO BURY'S FLANGE OR EXTENSION'S FLANGE WHEN AN EXTENSION IS REQUIRED.
4. PUSH-ON, FLANGED FITTING JOINTS, AND/OR THREADED-FLANGED RISERS MAY BE REQUIRED. VERIFY WITH A CITY OF VISALIA REPRESENTATIVE ALL FIRE HYDRANT MATERIAL PRIOR TO THE INSTALLATION.
5. FIRE HYDRANT BARRICADES SHALL BE REQUIRED WHEN A VERTICAL OR ROLLED CURB DOES NOT EXIST, OR WHEN THE FIRE HYDRANT NEEDS TO BE PROTECTED FROM MOVING VEHICLES.
6. ALL MACHINE BOLTS AND NUTS SHALL BE #304 STAINLESS STEEL, EXCEPT FOR BREAKOFF BOLTS.
7. A 90° ELBOW WITH "FIELD-LOK" GASKETS MAY BE REQUIRED FOR THE FIRE HYDRANT INSTALLATION WHEN SPACE IS LIMITED AND THE HYDRANT LEAD MUST RUN PARALLEL TO THE MAIN OR THE LOCATION OF THE FIRE HYDRANT REQUIRES THE BEND.

APPROVED BY:  09/16/16  
PUBLIC WORKS DIRECTOR R.C.E. 50022 DATE

CITY OF VISALIA  
DESIGN & IMPROVEMENT STANDARDS

TYPICAL FIRE HYDRANT INSTALLATION

REVISIONS  
11/26/07

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