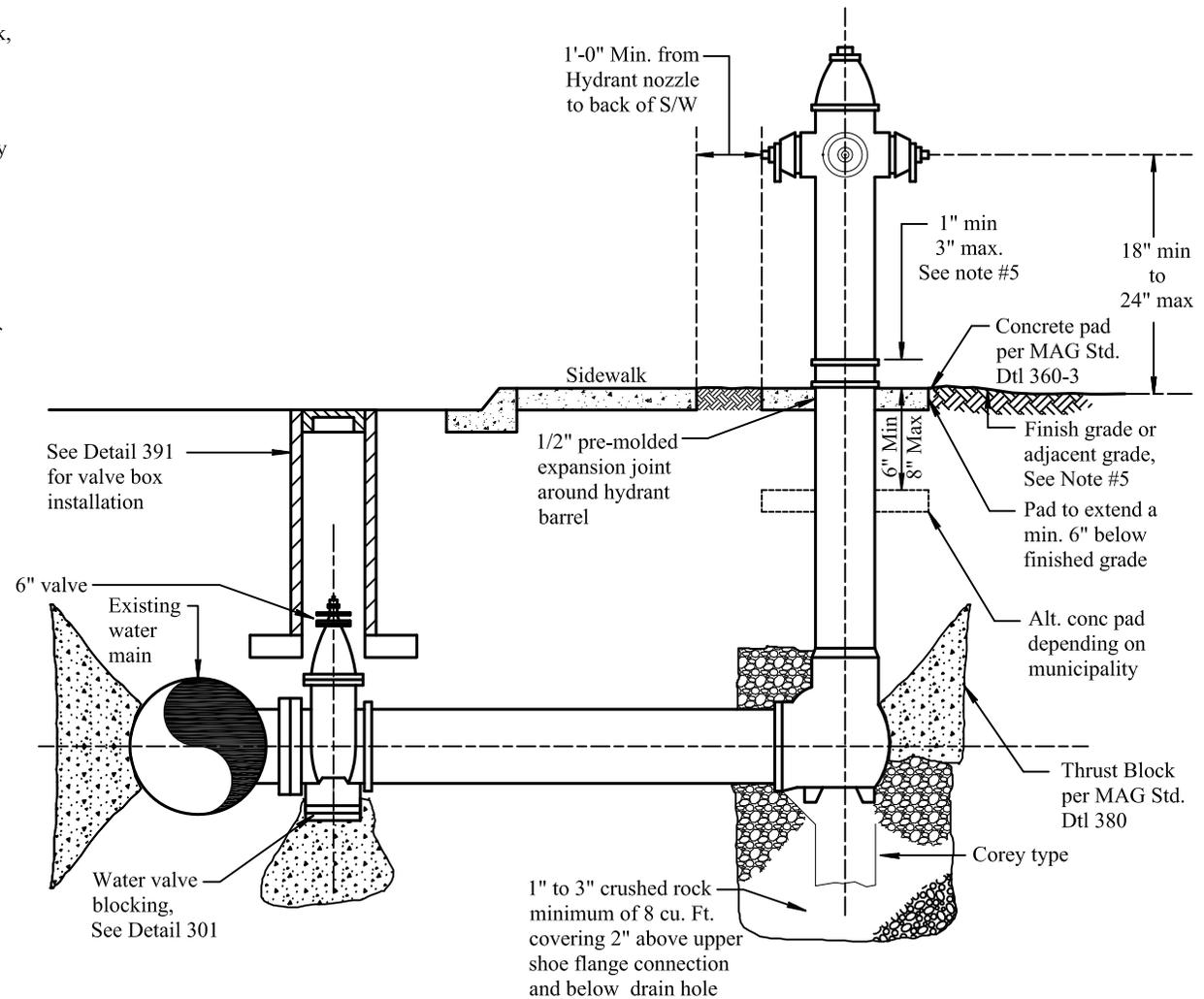


General Notes:

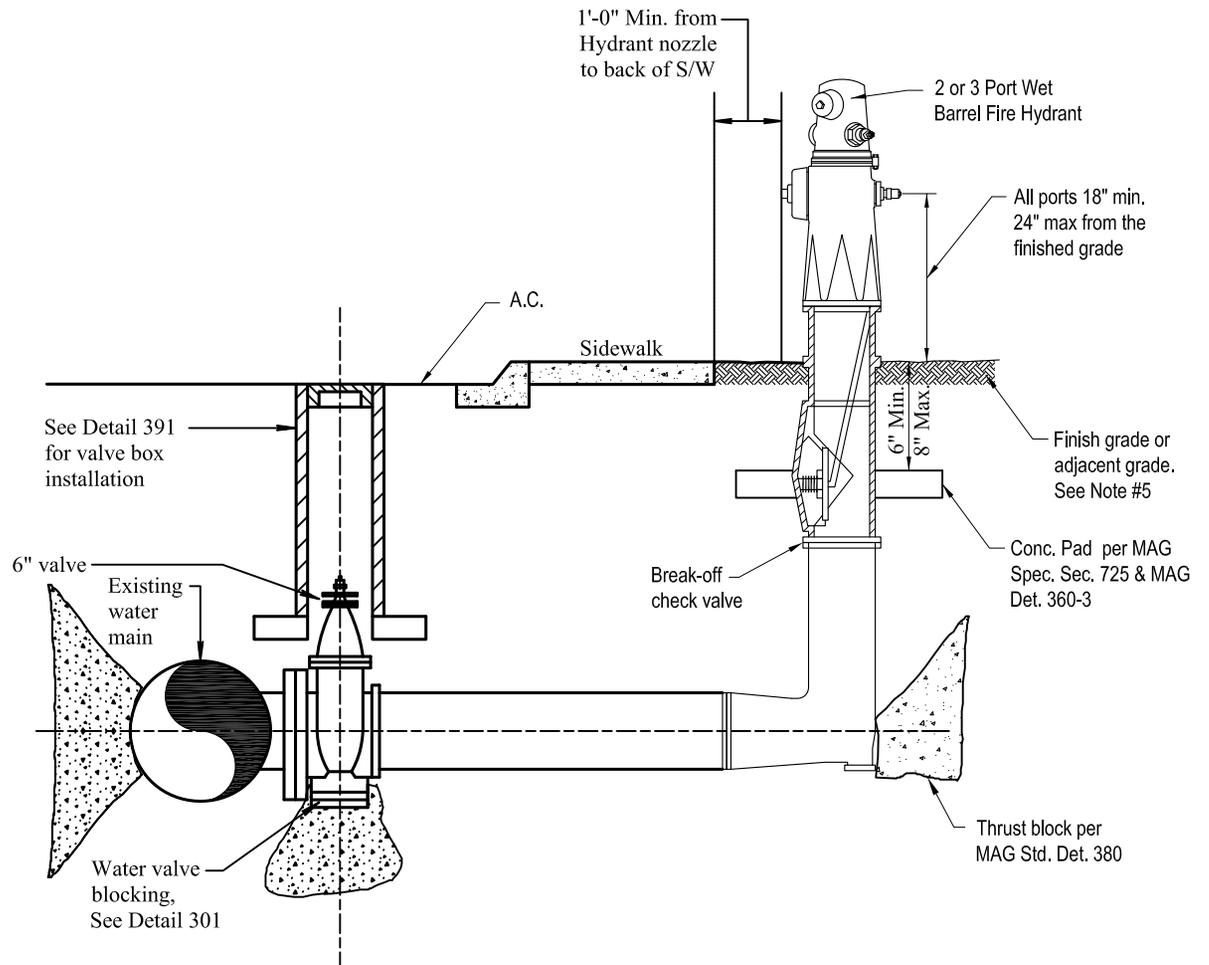
1. Joints between the valve and the main shall be flanged type. Joints between the valve and hydrant shall be restraint or mechanical type.
2. For concrete thrust blocks, See Detail 380.
3. A flange joint by mechanical joint valve may be used as the transition between the joint types.
4. Piping between water valve and hydrant shall be ductile iron.
5. Finish grade shall be ground level, sidewalk, adjacent sidewalk, pavement, adjacent curb or other nearby obstruction denying wrench access to the bottom flange bolts.
6. See Detail 362 for location of hydrant.
7. In lieu of thrust blocks, an approved joint restraint system may be used.
8. Main steamer nut shall face the street.
9. No valves are to be in concrete.
10. Minimum 3-foot diameter clearance around hydrant.
11. National standard threads required on all connections.
12. 1/2" bituminous expansion shall be placed around the barrel of the F/H.
13. See Detail 360-3 for Concrete Pad.



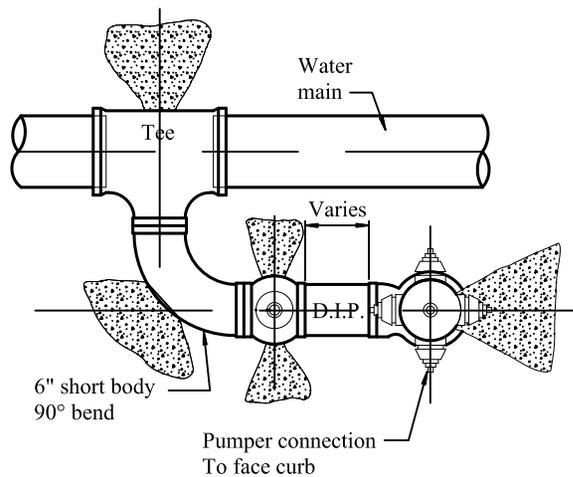
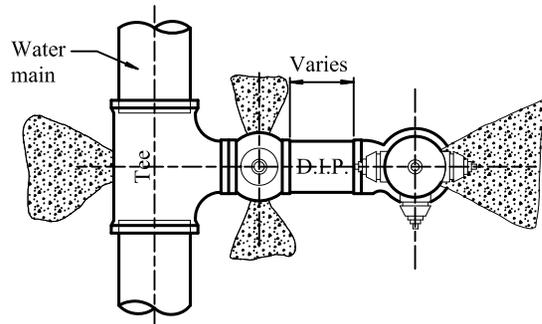
DETAIL NO. 360		STANDARD DETAIL ENGLISH	DRY BARREL FIRE HYDRANT INSTALLATION	REVISED 04-27-2011	DETAIL NO. 360-1
--------------------------	---	----------------------------	---	-----------------------	----------------------------

General Notes:

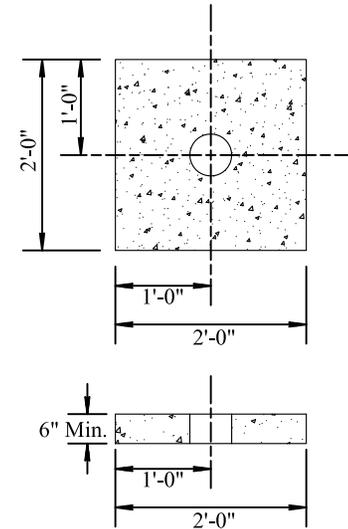
1. Joints between the valve and the main shall be flanged type. Joints between the valve and hydrant shall be restraint or mechanical type.
2. For concrete thrust blocks, See Detail 380.
3. A flange joint by mechanical joint valve may be used as the transition between the joint types.
4. Piping between water valve and hydrant shall be ductile iron.
5. Finish grade shall be ground level, sidewalk, adjacent sidewalk, pavement, adjacent curb or other nearby obstruction denying wrench access to the bottom flange bolts.
6. See Detail 362 for location of hydrant.
7. In lieu of thrust blocks, an approved joint restraint system may be used.
8. Main steamer nut shall face the street.
9. No valves are to be in concrete.
10. Minimum 3-foot diameter clearance around hydrant.
11. National standard threads required on all connections.
12. 1/2" bituminous expansion shall be placed around the barrel of the F/H.
13. See Detail 360-3 for Concrete Pad.
14. The hydrant shall have 2- 2½" port and 1- 4½" port (industrial or commercial).
15. The hydrant shall have 1- 2½" port and 1- 4½" port (residential).



DETAIL NO. 360-2		STANDARD DETAIL ENGLISH	WET BARREL FIRE HYDRANT INSTALLATION	REVISED 04-27-2011	DETAIL NO. 360-2
----------------------------	---	----------------------------	---	-----------------------	----------------------------



Pad Detail
 Square or round is acceptable
 If Round: 24" diameter min. required



General Notes:

1. Concrete for pad shall be Class "B".
2. Round pads shall have a diameter not less than 24".
3. Score line shall bisect this pad at mid point of all sides.
4. Concrete color shall match adjacent concrete.
5. The finished concrete surface shall have a rough broken finish (surface only).

DETAIL NO.
 360-3



STANDARD DETAIL
 ENGLISH

FIRE HYDRANT INSTALLATION

REVISED
 04-27-2011

DETAIL NO.
 360-3