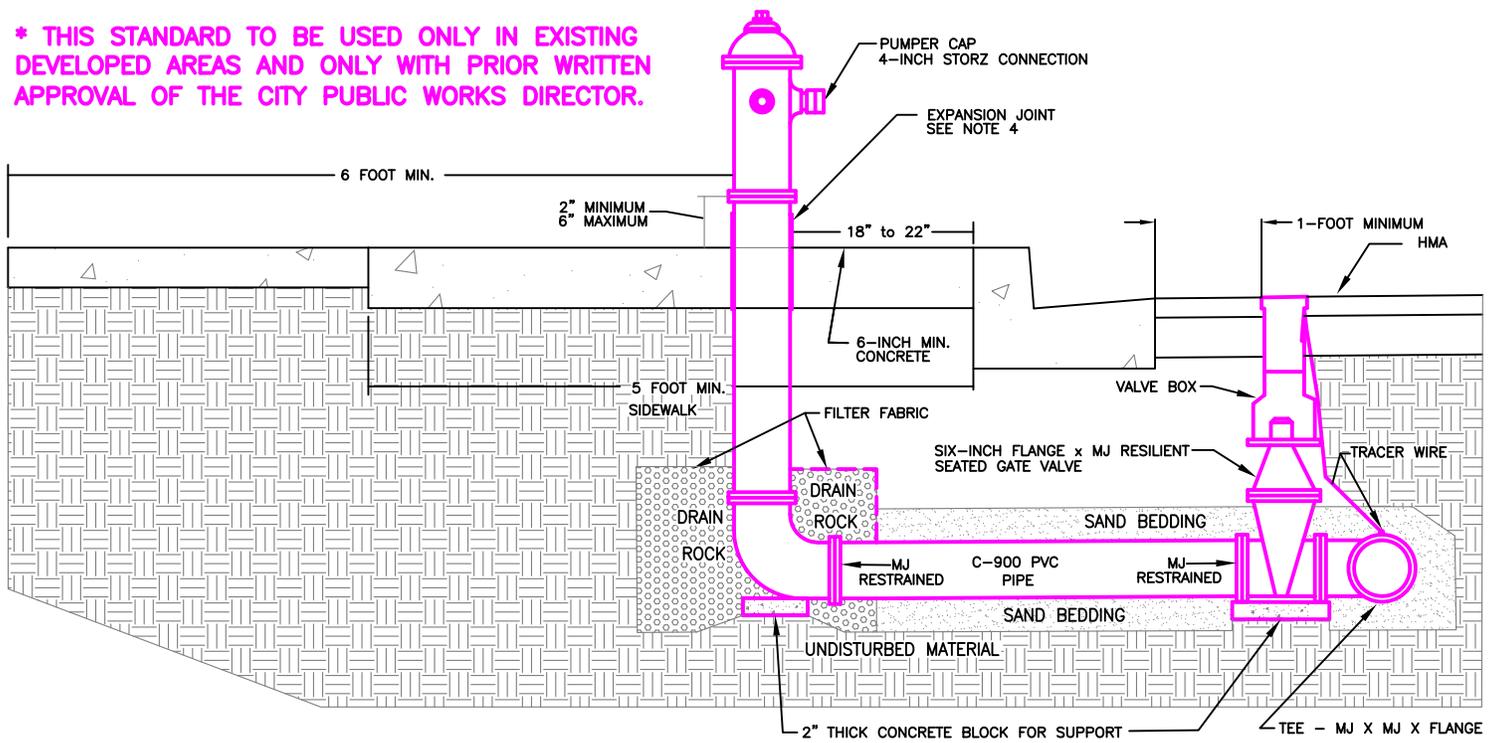


* THIS STANDARD TO BE USED ONLY IN EXISTING DEVELOPED AREAS AND ONLY WITH PRIOR WRITTEN APPROVAL OF THE CITY PUBLIC WORKS DIRECTOR.



NOTES:

1. CITY STANDARD IS TO INSTALL HYDRANTS BEHIND THE SIDEWALK IN RESIDENTIAL AREAS. HYDRANTS IN THE COMMERCIAL AND INDUSTRIAL ZONES SHALL BE LOCATED IN ACCORDANCE WITH THIS STANDARD. WHEN REPLACING HYDRANTS IN ANY ZONE, LOCATION SHALL BE REVIEWED AND APPROVED BY THE PUBLIC WORKS DIRECTOR OR THE CITY COUNCIL.
2. NO PORTION OF THE HYDRANT SHALL PROJECT OVER THE SIDEWALK OR TRAVELED WAY. WHEN HYDRANT IS PLACED WITHIN THE SIDEWALK, AN ADDITIONAL CONCRETE PAD ALLOWING A MINIMUM OF 5 FEET OF CLEAR WALKING AREA SHALL BE PROVIDED BEHIND FIRE HYDRANT.
3. THE HYDRANT SHALL BE CENTERED IN A 6-FT. X 6-FT. X 6-IN. CONCRETE PAD, THICKNESS MAY BE REDUCED WHEN PLACED IN EXISTING PAD OR SIDEWALK, HOWEVER, THICKNESS SHALL NOT BE LESS THAN FOUR (4) INCHES, HOWEVER, THE SIDEWALK MAY BE CONSIDERED PART OF THE PAD.
4. EXPANSION JOINT REQUIRED BETWEEN CONCRETE PAD AND FIRE HYDRANT. USE 1/4-INCH-THICK ADHESIVE BACKED NEOPRENE, OR APPROVED EQUAL.
5. HYDRANTS THAT ARE TO BE DEDICATED TO, OWNED BY, AND MAINTAINED BY THE CITY OF EPHRATA WATER DEPARTMENT SHALL BE PAINTED YELLOW. PRIVATE HYDRANTS SHALL BE PAINTED RED.
6. PLACE HYDRANT BOLLARDS WHEN REQUIRED BY THE CITY.
7. MECHANICAL JOINTS AND BELL/SPIGOT CONNECTIONS SHALL BE RESTRAINED JOINTS. CONCRETE THRUST BLOCKS AND SHACKLES ARE NOT ALLOWED.
8. ALL FITTINGS SHALL BE DUCTILE IRON WRAPPED IN 8-MIL POLYETHYLENE ENCASEMENT, EXCEPT FOR THE BARREL SECTION THAT HAS THE DRAIN HOLE.
9. VALVE SHALL BE INSTALLED PER THE VALVE AND TRACER WIRE DETAIL.
10. ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE CITY OF EPHRATA.
11. HYDRANTS TO BE PLACED WITHIN SIDEYARD EASEMENT AREA AND/OR ON SIDE PROPERTY LINE OR AS DIRECTED BY THE CITY OF EPHRATA WATER DEPARTMENT OR THE EPHRATA FIRE DEPARTMENT.
12. HYDRANTS HEIGHT SHALL BE MEASURED FROM THE BOTTOM OF THE HYDRANT UPPER BARREL FLANGE TO THE FINISHED GRADE OF THE SIDEWALK OR SURROUNDING PAD.

HYDRANT ASSEMBLY

EPHRATA PUBLIC WORKS DEPARTMENT

CITY OF EPHRATA

DRAWN	
CHECK	
SCALE	NTS
DATE	10/03/08



19-A

DATE	REVISION	BY

GRANT COUNTY

WASHINGTON