



NOTES:

1. HYDRANTS SHALL BE INSTALLED BEHIND THE SIDEWALK, OR TRAVELED WAY WHERE THERE IS NO SIDEWALK.
2. NO PORTION OF THE HYDRANT SHALL PROJECT OVER THE SIDEWALK OR TRAVELED WAY.
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 (PREFERRED)

EPHRATA PUBLIC WORKS DEPARTMENT

CITY OF EPHRATA

DATE	REVISION	BY	

DRAWN	
CHECK	
SCALE	NTS
DATE	10/03/08

GRANT COUNTY

WASHINGTON

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