



FIRE HYDRANTS SHALL BE FOR ORDINARY WATER WORKS SERVICES AS DESCRIBED IN AWWA C-502-54.

- A. EACH HYDRANT SHALL HAVE 5-INCH MVO WITH "O" RING SEALS, A BREAKAWAY FLANGE, A 1 1/4-INCH OPERATING NUT AND NOZZLE CAP NUTS THAT OPEN COUNTER CLOCKWISE. GASKETS AND NOZZLE CAP SHALL BE INCLUDED.
- B. SHUT-OFF TYPE: COMPRESSION OR GATE.
- C. INLET CONNECTION: 6-INCH MECHANICAL JOINT (125#) INLET.
- D. CONNECTION PORTS:
TWO (2)-2 1/2-INCH I.D. HOSE NOZZLE PORTS WITH N.S.T. THREADS.
ONE (1)-4-INCH I.D. PUMPER OR STEAMER NOZZLE WITH P.C.T. THREADS AT SIX (6) THREADS PER INCH WITH AN O.D. OF 4.828-INCH AND A THREAD BEVEL OF 60. THIS SHALL ALSO HAVE A STORTZ FITTING AS INDICATED ON THE DETAIL.
STORTZ FITTING-4-INCH STORTZ TYPE ADAPTER WITH CAP AND CHAIN AND PYROLITE RIGID FEMALE CONNECTOR WITH SET SCREW. THE THREAD CUT ON THE FITTING SHALL MATCH EXISTING STANDARDS.
THE STORTZ FITTING SHALL NOT EXTEND PAST THE BACK OF THE SIDEWALK AND SHALL BE ORIENTED TO FACE THE WATER MAIN, OR AS DIRECTED BY THE CITY ENGINEER.
- E. DEPTH OF BURY SHALL BE 4 1/2-INCH OR 5 1/2-INCH DEPENDING ON THE CONDITIONS UNLESS OTHERWISE APPROVED.
- F. ALL NOZZLES SHALL CONFORM TO CURRENT CITY OF WENATCHEE HYDRANTS.
- G. HYDRANT SHALL BE PAINTED YELLOW IN ACCORDANCE WITH AWWA C-502-54, SECTION 6.
- H. APPROVED MANUFACTURERS: MUELLER, M & H, EAST JORDAN, OR KENNEDY GUARDIAN K-81. ONLY THESE BRANDS WILL BE ACCEPTED.
- I. ALL HYDRANTS SHALL BE EQUIPPED WITH TRAFFIC BREAKING FLANGES.
- J. ALL INSTALLATIONS WILL HAVE A RESILIENT SEAT AUXILIARY VALVE.
- K. ALL HYDRANTS SHALL HAVE MEGALUG RESTRAINED JOINTS.
- L. THE MINIMUM DISTANCE FROM THE BOTTOM OF THE LOWEST PORT TO FINISHED GRADE SHALL BE 18-INCH. THE DISTANCE FROM FINISHED GRADE TO THE BREAKING FLANGE SHALL BE A MINIMUM OF 2-INCH AND A MAXIMUM OF 4-INCH.
- M. HYDRANT GUARD POST SHALL BE 8-INCH DIAMETER x 6- FEET LONG PRECAST CONCRETE POST EQUAL TO FOG-TITE METER SEAL CO.. PAINT WITH TWO COATS OSHA SAFETY YELLOW ENAMEL.

**STANDARD DETAIL
FIRE HYDRANT
SPECIFICATIONS AND DETAILS**



SCALE: AS SHOWN	DATE DRAWN	REVISIONS			
		DATE	INITIAL	DATE	INITIAL
N.A.	3/23/2015	01/22	AJS	03/31/2023	JTB
DESIGNED	CHECKED				
DMN	DMN				
APPROVED BY	DATE APPROVED				
STANDARD SPECIFICATIONS 7-09 WATER MAINS 7-12 VALVES 7-14 HYDRANTS					
DETAIL NO. W-100					
PAGE 1 OF 1					