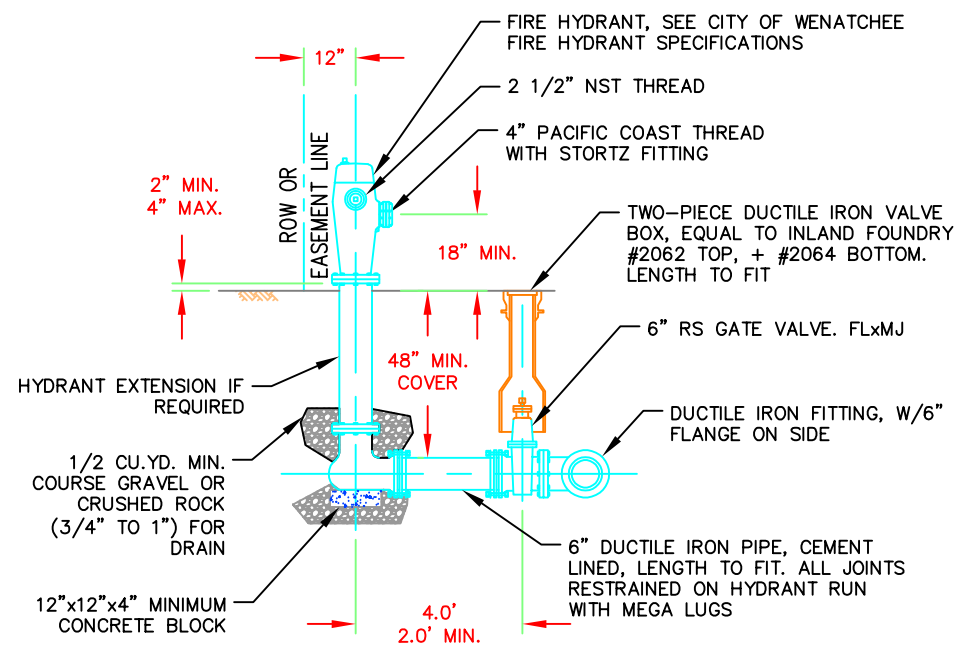
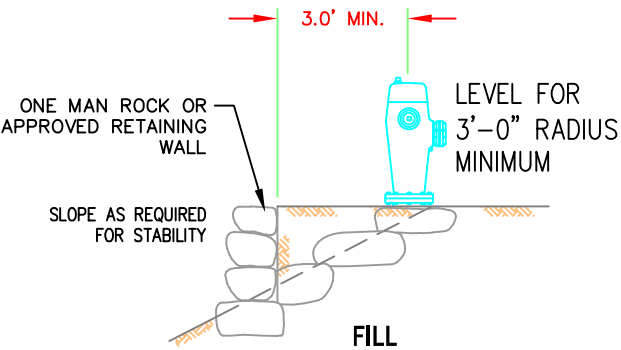


PROVIDE 1/2" RAKE BETWEEN BASE AND TOP OF HYDRANT

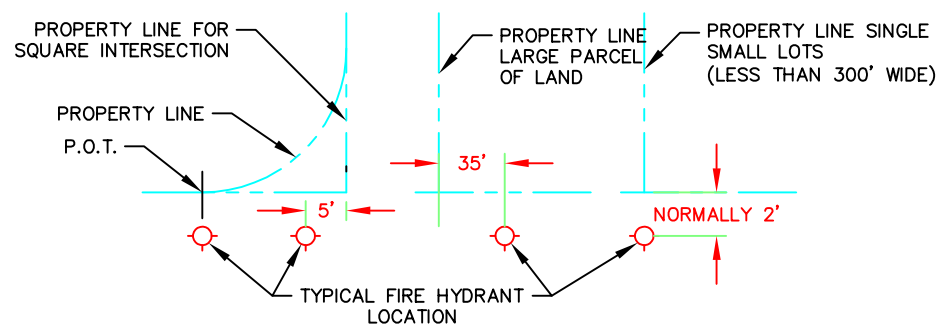


NOTE: VALVE TO BE PLACED ON THE MAIN FOR NEW CONSTRUCTION. AVOID PLACING THE VALVE IN CURB & GUTTER FOR RETROFIT PROJECTS.

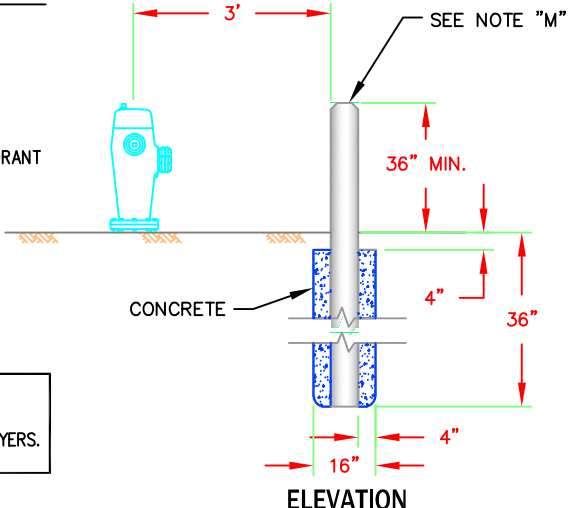
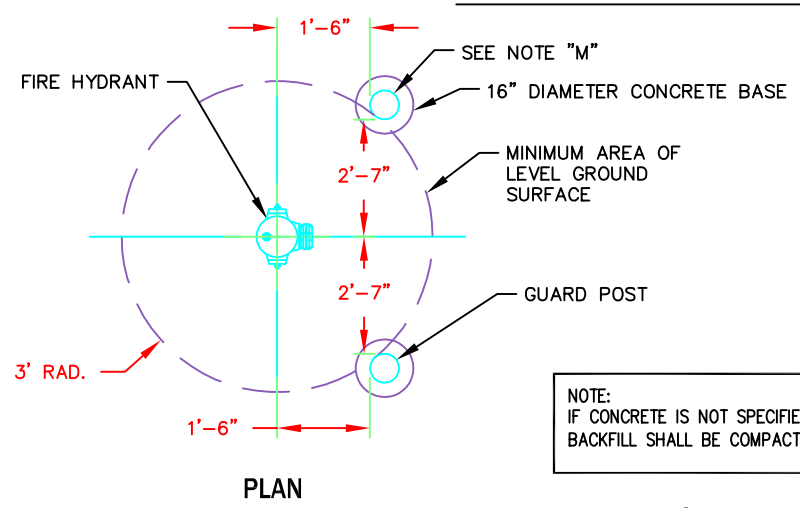


FIRE HYDRANT LOCATION IN CUT OR FILL
N.T.S.

FIRE HYDRANT ASSEMBLY
N.T.S.



TYPICAL FIRE HYDRANT LOCATION



NOTE: IF CONCRETE IS NOT SPECIFIED, EARTH BACKFILL SHALL BE COMPACTED IN 6" LAYERS.

FIRE HYDRANT GUARD POSTS

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

- A. EACH HYDRANT SHALL HAVE 5" MVO WITH "O" RING SEALS, A BREAKAWAY FLANGE, A 1 1/4" 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" MECHANICAL JOINT (125#) INLET.
- D. CONNECTION PORTS:
TWO (2)-2 1/2" I.D. HOSE NOZZLE PORTS WITH N.S.T. THREADS.
ONE (1)-4" I.D. PUMPER OR STEAMER NOZZLE WITH P.C.T. THREADS AT SIX (6) THREADS PER INCH WITH AN O.D. OF 4.828" AND A THREAD BEVEL OF 60. THIS SHALL ALSO HAVE A STORTZ FITTING AS INDICATED ON THE DETAIL.
STORTZ FITTING-4" 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" OR 5 1/2" DEPENDING ON THE CONDITIONS.
- 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, CLOW F2500, 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". THE DISTANCE FROM FINISHED GRADE TO THE BREAKING FLANGE SHALL BE A MINIMUM OF 2" AND A MAXIMUM OF 4".
- M. HYDRANT GUARD POST SHALL BE 8" DIAMETER x 6' 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**



REVISIONS:	DATE	INITIAL

DATE DRAWN	3/23/2015	CHECKED	DMN	DATE APPROVED	
SCALE:	AS SHOWN	DRAWN	RDH	APPROVED BY	
DESIGNED	DMN	DRAWN	RDH	APPROVED BY	
STANDARD SPECIFICATIONS 7-09 WATER MAINS 7-12 VALVES 7-14 HYDRANTS					