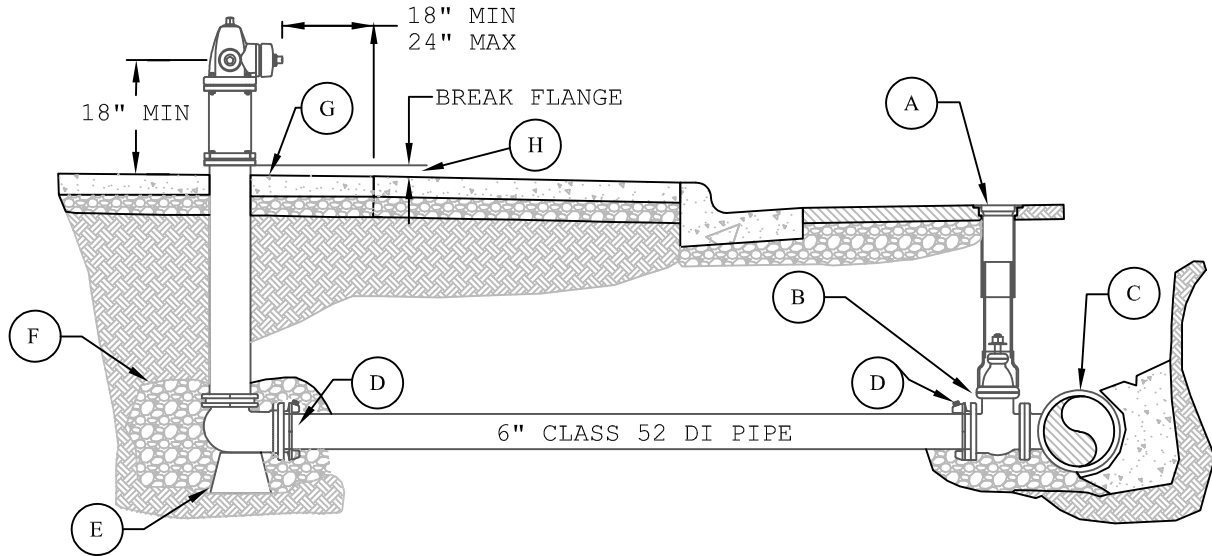


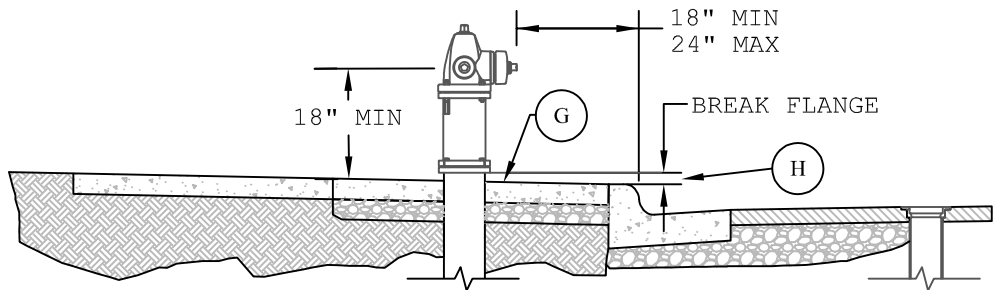
HYDRANT BEHIND CURBTIGHT SIDEWALK



NOTES:

- A) VALVE BOX ASSEMBLY PER DETAIL W6-01.
- B) 6" CLOW RW GATE VALVE. WRAP TEE AND VALVE, WITH V-BIO G POLYETHYLENE ENCASEMENT PRIOR TO BACKFILLING. EXTEND PE WRAP A MINIMUM OF 6" BEYOND TEE. SECURE TO PIPE WITH 10 MIL PVC PIPE WRAP TAPE.
- C) TEE. NEW CONSTRUCTION TEE SHALL BE MJ X MJ FLG. CONNECTIONS TO EXISTING MAINS SHALL BE JCM MODEL 432 TAPPING TEE. THRUST BLOCK REQUIRED ONLY FOR TAPPING TEE. SEE DETAIL W5-03.
- D) MECHANICAL JOINT WITH GRIP FOLLOWER. ALL JOINTS IN HYDRANT SHALL BE FULLY RESTRAINED USING FIELD LOK GASKETS AND MEGALUGS OR EQUAL.
- E) 12" X 12" X 8" CONCRETE PIER BLOCK ON UNDISTURBED NATIVE SOIL.
- F) 1-1/2" CLEAN DRAIN ROCK POCKET. 4 CUBIC FEET MINIMUM. MINIMUM 6" ABOVE HYDRANT DRAIN OPENING. WRAP WITH NON-WOVEN GEOTEXTILE FABRIC PER CITY STANDARDS.

HYDRANT IN PLANTER STRIP



GENERAL NOTES:

- G) 6' X 6' X 4" THICK CONCRETE PAD, WITH BROOM FINISH SLOPE OF 2% TOWARDS STREET OVER 2" THICK COMPACTION 3/4" - 0" CENTERED ON HYDRANT.
 - H) FOLLOW MANUFACTURER RECOMMENDATIONS FOR BURY LINE AND BREAK FLANGE MAX AND MIN.
- 1) HYDRANTS SHALL BE 5 1/4" WATEROUS PACER MODEL OR CLOW MEDALLION F-2545 MODEL FACTORY COATED RED.
 - 2) BAG MUST COVER AND BE SECURED TO THE FIRE HYDRANT UNTIL APPROVED FOR USE BY CITY ENGINEER.
 - 3) INSTALL BLUE TWO WAY RAY O LITE, MODEL AA REFLECTOR ON HYDRANT SIDE OF STREET 6" FROM STREET CENTERLINE.
 - 4) ALL OPERATOR & NOZZLE NUTS SHALL BE 1 1/2" & PENTAGONAL.
 - 5) OPERATOR NUTS TO OPEN COUNTER CLOCKWISE.
 - 6) BOLLARDS MAY BE REQUIRED IN LOCATIONS WITHOUT CURB PROTECTION.



City of Lake Oswego
Engineering Division

Erica Rooney, P.E. City Engineer

TYPICAL FIRE HYDRANT INSTALLATION

W4-01

EFFECTIVE DATE: APRIL 2023

NOT TO SCALE

DRAWING NUMBER