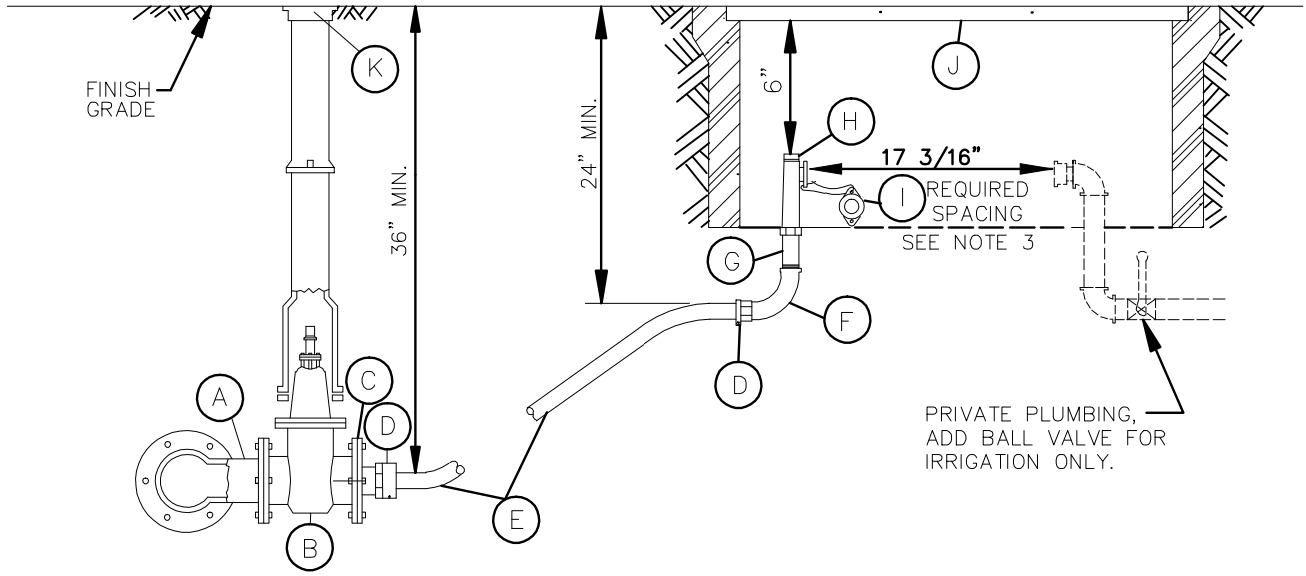

(A) DUCTILE IRON TEE WITH 4" BRANCH, FL. WITH (3) GATE VALVES (ON NEW MAINS), TAPPING TEE WITH 4" BRANCH, FL. WITH (1) GATE VALVE (ON EXISTING MAINS).

(B) 4" GATE VALVE, FL.

(C) 4" REDUCING COMPANION FLANGE WITH 2" TAP.

(D) COUPLING, 2" MALE IRON PIPE THREAD BY 2" PACK JOINT (COMPRESSION FITTING) FOR COPPER, FORD C14-77, MUELLER NO. H-15451, OR EQUAL.

(E) 2" COPPER TUBING, TYPE K.

(F) 2" STREET ELL, BRASS, FEMALE IRON PIPE THREAD BY FEMALE IRON PIPE THREAD.

(G) 2" NIPPLE, BRASS, M.I.P.T. x M.I.P.T., LENGTH AS REQUIRED TO MEET PROPER GRADE.

(H) 2" ANGLE METER VALVE WITH PADLOCK WINGS, FEMALE IRON PIPE BY FLANGE END FOR METER, FORD FV13-777W, MUELLER NO. H-14286, OR EQUAL.

(I) 2" COMPANION FLANGE, FORD NO. 7F FLANGE, OR EQUAL. TO BE WIRED OR SECURED TO ANGLE VALVE.

(J) METER BOX, EQUAL TO:
CARSON INDUSTRIES 1730-18 BCFXL METER BOX WITH 1730 COVER WITH MAX VIEW READER DOOR IN NON-TRAVELED AREAS. OLYMPIC FOUNDRY SM30 IN SIDEWALK AND AREAS WITH VEHICULAR TRAFFIC.

(K) TWO PIECE CAST IRON VALVE BOX TO FIT, EQUAL TO RICH SEATTLE TYPE #045 - WITH RECESSED HANDLE LID. SEE DETAIL W-11.

NOTES:

1. SERVICE LINE SHALL BE PERPENDICULAR TO THE WATERMAIN, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. APPROVED BACKFLOW PREVENTION DEVICE MUST BE INSTALLED PER D.O.H. REQUIREMENTS. IRRIGATION OR FIRE SPRINKLER SYSTEM SHALL NOT BE PUT INTO SERVICE UNTIL THE BACKFLOW PREVENTION DEVICE IS APPROVED BY THE CITY OF BELLEVUE WATER QUALITY TECHNICIAN.
3. CUSTOMER'S SIDE OF SERVICE SHALL NOT BE PLUMBED INSIDE THE METER BOX UNTIL THE METER IS SET.
4. METER WILL BE SUPPLIED AND INSTALLED BY THE CITY OF BELLEVUE.
5. SEE DETAIL W-55 FOR VALUE MARKER TO BE LOCATED IN VALUE BOX CONNECTION TO MAIN. FOR FIRELINE SERVICE ONLY.

City of Bellevue

WATER UTILITIES

TITLE 2" IRRIGATION OR FIRE SPRINKLER WATER SERVICE (COMMERCIAL AND MULTI-FAMILY)

JANUARY 2012

NO SCALE

NO. W-32