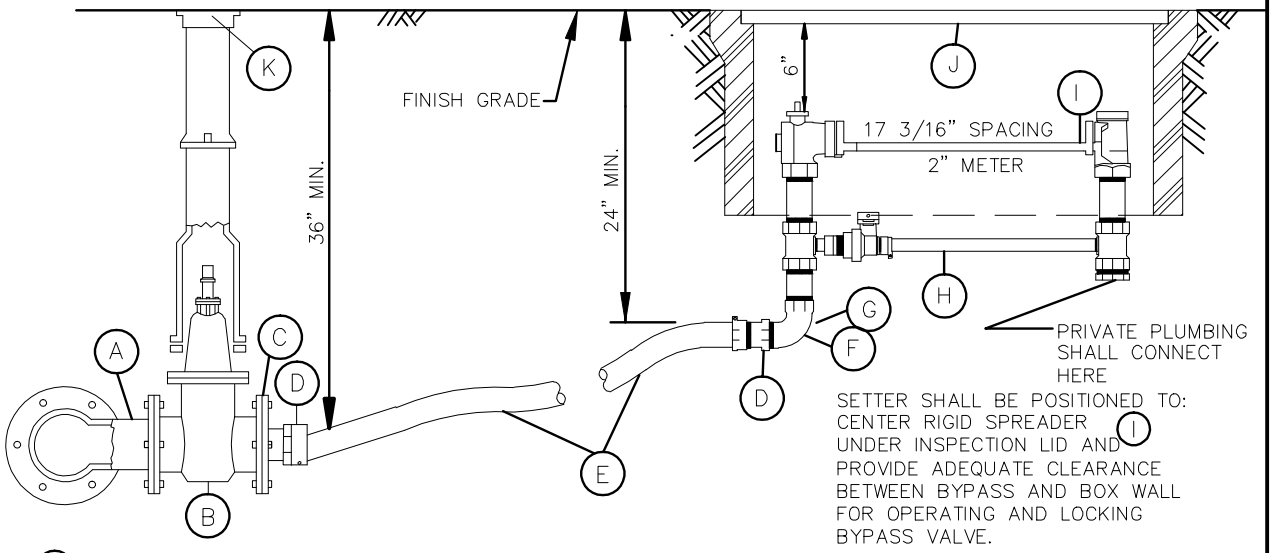

(A) DUCTILE IRON TEE WITH 4" BRANCH, FL WITH (3) GATE VALVES (ON NEW MAINS), TAPPING TEE WITH 4" BRANCH, FL WITH (1) GATE VALVE (ON EXISTING MAINS).

(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" BRASS AND COPPER METER SETTER WITH LOW BYPASS:
- FLANGED BALL METER VALVE ON INLET AND OUTLET
- BALL VALVE ON BYPASS
- PADLOCK WINGS ON ALL VALVES
- VERTICAL INLET AND OUTLET, F.I.P.T.
- BUSHING INCLUDED ON OUTLET

FORD VBB77-12B-11-77 WITH LOW BYPASS OR A.Y. MCDONALD 20B712WWFF775 VERTICAL METER SETTER WITH VALVE ROTATED 90 DEG., OR EQUAL.

(I) RIGID METER SPREADER, SUPPLIED BY CITY OF BELLEVUE, TO BE INSTALLED IN METER SETTER BY CONTRACTOR.

(J) METER BOX, EQUAL TO:
CARSON INDUSTRIES 1730-18 BCFXL METER BOX AND 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. BYPASS WILL BE LOCKED OFF BY CONSTRUCTION INSPECTOR WHEN METER SPREADER IS INSTALLED.
3. METER WILL BE SUPPLIED AND INSTALLED BY THE CITY OF BELLEVUE.

City of Bellevue

WATER UTILITY

TITLE

2" DOMESTIC WATER SERVICE
(COMMERCIAL AND MULTI-FAMILY)

JANUARY 2011

NO SCALE

NO. W-30