FINISH GRADE

36" MIN.

24" MIN.

6" MIN.
9" MAX.

13 1/4" SPACING
1-1/2" METER

J   I

H

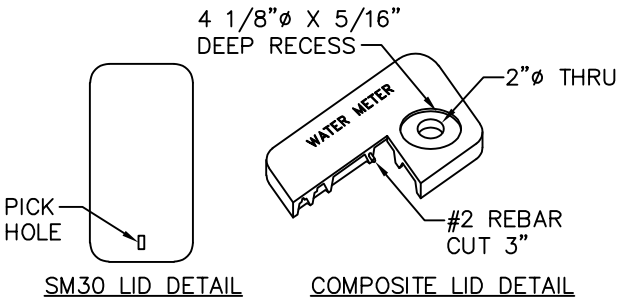PRIVATE PLUMBING
SHALL CONNECT HERE

10° ±

B   C

A

E

G

F

D

SETTER SHALL BE POSITIONED TO:
CENTER RIGID SPREADER I
UNDER INSPECTION LID AND
PROVIDE ADEQUATE CLEARANCE
BETWEEN BYPASS AND BOX WALL
FOR OPERATING AND LOCKING
BYPASS VALVE.

(A) EPOXY OR NYLON COATED HIGH TENSILE D.I. SERVICE SADDLE W/ DOUBLE STAINLESS STEEL STRAP AND
EPOXY COATED BOSS, 1 1/2" AWWA TAPER (CC) TAP, FORD FC202 OR FCD202, OR APPROVED EQUAL, SIZE
AS REQUIRED.

(B) BALL CORPORATION STOP, 1 1/2" AWWA TAPER (CC) INLET BY 1 1/2" MALE IRON PIPE THREAD OUTLET WITH
BALL VALVE (OR EQUAL LOW-FRICTION VALVE), FORD FB400-6-NL, MUELLER NO. H-9968N, OR APPROVED
EQUAL.

(C) COUPLING, 1 1/2" FEMALE IRON PIPE THREAD BY 1 1/2" PACK JOINT (COMPRESSION FITTING) FOR COPPER,
FORD C14-66-NL, MUELLER NO. P-15451N, OR APPROVED EQUAL.

(D) COUPLING, 1 1/2" MALE IRON PIPE THREAD BY 1 1/2" PACK JOINT (COMPRESSION FITTING) FOR COPPER,
FORD C84-66-NL, MUELLER NO. P-15428N, OR APPROVED EQUAL.

(E) 1 1/2" COPPER TUBING, TYPE K.

(F) 1 1/2" STREET ELL, BRASS, FEMALE IRON PIPE THREAD BY FEMALE IRON PIPE THREAD.

(G) 1 1/2" NIPPLE, BRASS, M.I.P.T. X M.I.P.T., LENGTH AS REQUIRED TO MEET PROPER GRADE.

(H) 1 1/2" 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 VBB86-12B-11-66-NL OR A.Y. MCDONALD 730B612WWFF665 VERTICAL METER SETTER
WITH VALVE ROTATED 90 DEG., OR APPROVED EQUAL.

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

(J) METER BOX IN LANDSCAPING: CARSON INDUSTRIES 1730-18 BCF BOX. COVER SHALL BE COMPOSITE
MATERIAL, MARKED "WATER METER", WITH 2" AMR RECESS (CARSON, FIBRELYTE FL36, OR NICOR B36).

METER BOX IN SIDEWALKS AND AREAS WITH VEHICULAR TRAFFIC: OLYMPIC FOUNDRY SM30 BOX AND
COVER.

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.

4 1/8"ø X 5/16"
DEEP RECESS

2"ø THRU

WATER METER

#2 REBAR
CUT 3"

PICK
HOLE

SM30 LID DETAIL

COMPOSITE LID DETAIL

JANUARY 2025

NO SCALE

City of Bellevue

WATER UTILITY

TITLE

1 1/2" DOMESTIC WATER
AND/OR FIRE SERVICE

NO. W-25