

FOR 3" METER, CONTRACTOR TO PROVIDE:

- 2 - 4" X 3" REDUCERS (FL)
- 2 - 4" FLANGE GASKET/BOLT KITS
- 2 - 4" MJ GASKET/BOLT KITS
- 2 - 3" FLANGE GASKET/BOLT KITS

FOR 4" METER, CONTRACTOR TO PROVIDE:

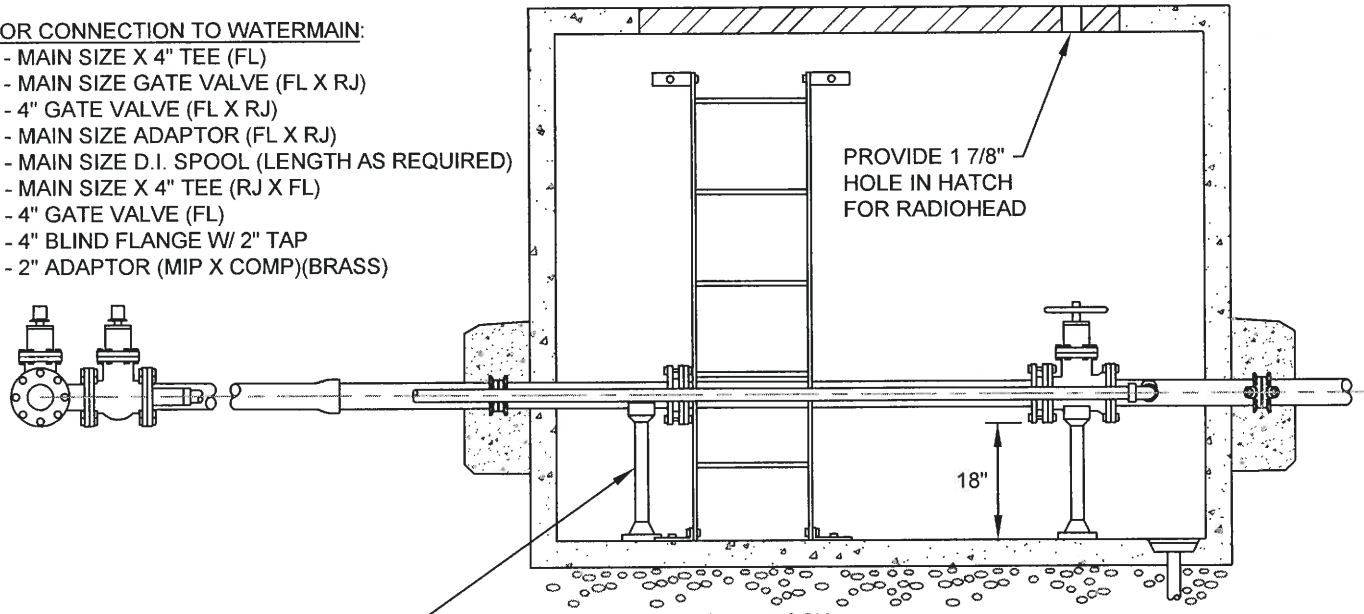
- 3 - 4" FLANGE GASKET/BOLT KITS
- 2 - 4" MJ GASKET/BOLT KITS

2" COPPER BYPASS ASSEMBLY:

- 1 - 4" X 2" SERVICE SADDLE W/ STAINLESS STEEL STRAPS
- 1 - 2" CORP STOP (MIP X MIP)(BRASS)
- 2 - 2" ADAPTORS (IP X COMP)(BRASS)
- 1 - 2" CHECK VALVE (IP)(BRASS)
- 1 - 2" CLOSE NIPPLE (BRASS)
- 1 - 2" X 3/4" TEE (IP)(BRASS)
- 1 - 3/4" BALL VALVE (IP)(BRASS)
- 1 - 2" 90° ELBOW (COMP)(BRASS)
- ANY MISC. BRASS FITTINGS

FOR CONNECTION TO WATERMAIN:

- 1 - MAIN SIZE X 4" TEE (FL)
- 1 - MAIN SIZE GATE VALVE (FL X RJ)
- 1 - 4" GATE VALVE (FL X RJ)
- 1 - MAIN SIZE ADAPTOR (FL X RJ)
- 1 - MAIN SIZE D.I. SPOOL (LENGTH AS REQUIRED)
- 1 - MAIN SIZE X 4" TEE (RJ X FL)
- 1 - 4" GATE VALVE (FL)
- 1 - 4" BLIND FLANGE W/ 2" TAP
- 1 - 2" ADAPTOR (MIP X COMP)(BRASS)



VAULT DRAIN:

- 2" PVC DRAIN (W/CHECK VALVE) TO DAYLIGHT
- INSTALL APPROVED SUMP PUMP IF REQUIRED
- (VAULT MUST STAY DRY)

NOTES:

- ALL MJ SHALL BE EQUIPPED WITH MECHANICAL JOINT RESTRAINT DEVICE (RJ).
- CONTRACTOR SHALL SUPPLY ALL MATERIALS AND INSTALL VAULT, PIPING, BYPASS, VALVING & MECHANICAL RESTRAINTS.
- DISTRICT SHALL SUPPLY AND INSTALL METER & SINGLE CHECK VALVE.
- SECURE LADDER TO VAULT WALL & FLOOR.
- SECURE 2" COPPER PIPE TO VAULT WALL IF BYPASS IS ROUTED INSIDE VAULT.
- RETROFIT MAY VARY.

3-INCH & 4-INCH WATER METERS

NTS



APPROVAL DATE 10/21/2020	DRAWN SED	CHECKED DS
PLOTTING SCALE NTS	DETAIL NUMBER HWD STANDARD DETAIL 18	

BD
10/21/2020