

3-INCH METER INSTALLATION

- ① 2 - 2" METERS PROVIDED AND INSTALLED BY CITY OF TUMWATER
- ② 3" METER MANIFOLD (WITH TWO 2" METER SETS)
- ③ 2 - 3" MJ X MJ GATE VALVES (RESTRAINED BOTH SIDES)
- ④ 2 - 3" FLANGE COUPLING ADAPTERS
- ⑤ 4 - ANGLE BALL STOPS
- ⑥ 2 - 3" X 36" LENGTH I.P. PLAIN ENDS
- ⑦ 3" PLAIN END I.P.
- ⑧ 2 - 6" SLEEVES
- ⑨ 2 - MEGALUG MID-SPAN RESTRAINTS

4-INCH METER INSTALLATION

- ① 3 - 2" METERS PROVIDED AND INSTALLED BY CITY OF TUMWATER
- ② 4" METER MANIFOLD (WITH THREE 2" METER SETS)
- ③ 2 - 4" MJ X MJ GATE VALVES (RESTRAINED BOTH SIDES)
- ④ 2 - 4" FLANGE COUPLING ADAPTERS
- ⑤ 6 - ANGLE BALL STOPS
- ⑥ 2 - 4" X 36" LENGTH I.P. PLAIN ENDS
- ⑦ 4" PLAIN END I.P.
- ⑧ 2 - 8" SLEEVES
- ⑨ 2 - MEGALUG MID-SPAN RESTRAINTS

GENERAL NOTES:

- DRAINAGE MUST BE PROVIDED FOR THE METER VAULT.
- METER VAULT MAY BE EXTENDED IN LENGTH WHEN P.R.V. IS REQUIRED.
- ON ALL METERS 3" INCHES AND ABOVE, A FLEX-COUPLING SHALL BE INSTALLED IN THE OUTLET LINE WITHIN THE METER BOX.
- VAULTS SHALL BE EQUIPPED WITH LADDERS WHEN OVER 4' IN DEPTH.
- GROUT ANNULAR SPACE BETWEEN VAULT WALL AND PIPE.

ALL SIX-INCH AND EIGHT-INCH WATER SERVICE CONNECTIONS MUST BE PRE-APPROVED BY THE PUBLIC WORKS DEPARTMENT, 754-4150.

CITY OF TUMWATER, WASHINGTON DEPT. OF PUBLIC WORKS				
<b>MATERIALS LIST FOR 3" &amp; 4" MANIFOLD WATER METERS</b>				
APPROVED BY:  _____				DWG. NO.  <b>WA-32</b>
CITY ENGINEER				
DES. PW	DWG. BY PW	CK'D BY KMC	DATE JULY 2014	NOT TO SCALE