

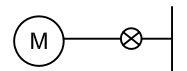
**BILL OF MATERIALS:**

1. BRONZE SERVICE SADDLE
2. VALVE BOX & COVER PER W-23 WITH BOTTOM SUPPORT
3. 1 1/2" OR 2" M.I.P. X F.I.P. BALL VALVE W/2" G.V. OPERATING NUT ADAPTER
4. 1 1/2" OR 2" TYPE "K" COPPER TUBING (RIGID)
5. 1 1/2" OR 2" COPPER TO COPPER 90° ELBOW
6. 1 1/2" OR 2" F.I.P. X METER FLANGE BALL VALVE FURNISHED AND INSTALLED BY CITY FORCES
7. 1 1/2" OR 2" ANGLED BALL FLANGED METER VALVE T O MATCH METER SIZE
8. 1 1/2" OR 2" WATER METER FURNISHED AND INSTALLED BY CITY FORCES
9. BURIED COPPER TO BE ENCASED IN 6" SE 30 SAND
10. BURIED COPPER TO BE WRAPPED IN 6 MIL POLYWRAP SLEEVE
11. M.I.P. X COPPER ADAPTER

**NOTES:**

1. ALL MATERIALS SHALL BE PER SECTION 2.12.
2. METER BOX & METERS INSTALLED BY CITY FORCES. USE TRAFFIC-RATED TYPES IN SIDEWALK AND TRAFFIC AREAS.

WHEN REDUCING PIPE SIZE, NO BUSHINGS OR REDUCERS WITH THREAD ALLOWED.  
 COPPER REDUCERS WITH SILVER SOLDER ACCEPTABLE. ALL JOINTS TO BE SILVER SOLDERED.  
 WATER PORT HOLE CENTERS TO BE INSTALLED 10" BELOW TOP OF METER BOX.



LEGEND ON PLANS

Revision	By	Approved	Date	<b>CITY OF OCEANSIDE</b>	<i>Steven E. Strapac</i> 9/17/17
09/16/02	DW				CITY ENGINEER      Date
07/08/04	AC				
06/04/07	AC				
12/01/11	DW				
01/04/16	MU				
07/01/17	SM		08/01/17	<b>STANDARD 1 1/2" &amp; 2" METER SERVICE</b>	STANDARD DRAWING NO. <b>W-5</b>