

**MATERIALS:**

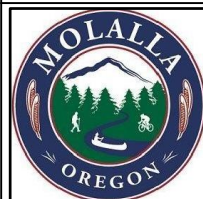
1. CAST IRON VALVE BOX TOP WITH LID MARKED "WATER" - 18" (OLYMPIC 13-505ONSET OR APPROVED EQUAL).
2. PVC PIPE FOR 18" VALVE CAN 6" GREEN D3034 PVC.
3. ROMAC 202N SERVICE SADDLE. CASTING MUST BE BLACK OR BLUE NYLON OR EPOXY COATED, AND BOTH STRAPS MUST BE TYPE 304 STAINLESS STEEL, HEAVY GAUGE, OR APPROVED EQUAL.
4. 2" X 6" BRASS IRON PIPE THREAD NIPPLE.
5. 2" GATE VALVE EPOXY 2" IN  $\phi$  OUT (MUELLER NO. A-2360-8 SCRDRW).
6. FOR 1-1/2" SERVICE ONLY: 2" X 1-1/2" BRASS BUSHING. 110 CTS X MIP ADAPTER (MUELLER H-15428N, 1-1/2" OR 2", OR APPROVED EQUAL. PEX INSERTS FOR 1-1/2" OR 2" CTS POLY STAINLESS STEEL LINER (MUELLER 1-1/2": 1.221" - 1.269" ID PART #506139 OR 2": 1.599" - 1.659" ID PART #506141, OR APPROVED EQUAL. STRAIGHT HIGH MEMORY PEX (WIRSBO UPANOR AWUAPEX F1922000).
7. ELBOW 1-1/2" OR 2" 100 CTS X 110 XTS 90 DEGREE ANGLE (MUELLER LOW LEAD, COMP X COMP (PART #H-15526N, 1-1/2" OR 2").
8. ANGLE METER BALL VALVE: 110 CTS X METER FLANGE 90 ANGLE BALL VALVE (MUELLER LOW LEAD B24276N 1-1/2" OR 2", OR APPROVED EQUAL).
9. CUSTOMER SIDE SHUTOFF VALVE (MUELLER 300 BALL ANGLE METER VALVE F.I.P. X METER, B-24286N, 1-1/2" OR 2").
10. METER BOX BODY (BROOKS 38 CONCRETE METER BOX BODY 18"W X 27-1/2"L OD).
11. METER BOX COVER (BROOKS 38-2 CONCRETE COVER LESS LID. 13-3/4" X 23-1/4").
12. METER BOX LID (BROOKS #2 CI LID ONLY FOR 65-5  $\phi$  38-5 COVER 7" x 13" 2-713L-CI), OR APPROVED EQUAL.
13. 12 GAUGE SOLID TONE WIRE, BLUE.

**NOTES:**

1. SUBSTITUTES FOR ANY MATERIALS SHOWN SHALL BE APPROVED PRIOR TO CONSTRUCTION BY THE PUBLIC WORKS DEPARTMENT.
2. ALL PIPE AND STRUCTURE ZONES SHALL BE BACKFILLED USING 3/4"-O CRUSHED AGGREGATE AND COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
3. METER BOX SHALL BE H-20 LOAD RATED AND CENTERED OVER THE COMPLETED METER ASSEMBLY.
4. METER BOX SHALL BE LOCATED IN PLANTER AREAS OR AS APPROVED BY THE PUBLIC WORKS DIRECTOR.

Detail Drawing may not be altered or changed in any manner except by the Public Works Director. It is the responsibility of the user to acquire the most current version.

**CITY OF MOLALLA  
DEPARTMENT OF PUBLIC WORKS**



**SINGLE WATER SERVICE  
1-1/2"  $\phi$  2"**

|            |    |         |
|------------|----|---------|
| DRAWN BY   | PW | 01/2020 |
| CHECKED BY | GF | 01/2020 |

W-3035