



**HORIZONTAL METER INSTALLATION**

- (A) CAST IRON SERVICE SADDLE FOR A.C. PVC, & STEEL MAINS, WITH STAINLESS STEEL BANDS. DIRECT TAP AND INSTALL CC CORP. ON D.I. AND C.I. MAINS
- (B) 1" CORPORATION STOP (CC OR IP) X COMPRESSION.
- (C) 1" COPPER TUBING SIZE HIMOL WITH S.S. INTERNAL POLY STIFFENERS, W/ 12 GA. SOLID COPPER BLUE COATED LOCATE WIRE.
- (D) 1" ANGLE METER VALVE, COMPRESSION
- (E) 1" ANGLE METER CHECK VALVE IP, OR COMPRESSION.
- (F) HDPE METER BOX WITH EJIW #1324 METER COVER, MID STATES #132412B BOX OR RAVEN METER BOX #1324X12 OR APPROVED EQUAL.

**NOTES:**

1. SERVICE LINES SHALL BE PERPENDICULAR TO THE WATERMAIN, UNLESS OTHERWISE APPROVED BY THE ENGINEER. METER SETTERS WILL BE USED WHERE REQUIRED.
2. SERVICE SADDLE MAY BE INSTALLED AS AN OPTION ON CLASS 52 OR THICKER D.I. PIPE. CORPORATION STOPS WILL BE TAPPED INTO AN "EXISTING MAIN" BY CITY FORCES ONLY.
3. AN APPROVED BACKFLOW ASSEMBLY MUST BE INSTALLED PER WA. DEPT OF HEALTH ON ALL IRRIGATION SYSTEMS. THE SYSTEM SHALL NOT BE PLACED INTO SERVICE UNTIL THE REQUIRED BACKFLOW ASSEMBLY IS INSTALLED (PER CITY STANDARD DETAILS), TESTED BY A CERTIFIED BACKFLOW ASSY. TESTER AND INSPECTED BY A CERTIFIED CROSS CONNECTION CONTROL SPECIALIST.
4. THE WATER METER AND ITEMS A,B,C,D,E, & F SHALL BE SUPPLIED AND INSTALLED BY THE BREMERTON PUBLIC WORKS AND UTILITIES DEPARTMENT. ALL OTHER MATERIALS WILL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR OR HOME OWNER UNLESS DIRECTED OTHERWISE BY THE ENGINEER. WHEN THE INSTALLATION IS COMPLETE AND INSPECTED, THE CITY WILL MAINTAIN THE SERVICE LINE UPSTREAM OF THE METER, INSIDE THE RIGHT OF WAY.
5. LOCATE WIRE SHALL BE 12 GA BLUE COATED SOLID COPPER WIRE, STRIPPED AT BOTH ENDS AND TIGHTLY WRAPPED AROUND (GROUNDED TO) THE CORPORATION STOP A MINIMUM OF TWO TIMES OR CRIMPED TO THE LOCATE WIRE ON THE MAIN. THE END IN THE METER BOX SHALL BE LOOPED AND TUCKED INSIDE THE BOX.

	<p><b>City of Bremerton</b></p> <hr style="width: 20%; margin: auto;"/> <p><b>PUBLIC WORKS</b></p>	<p><b>1" X 1" DOMESTIC/IRRIGATION SERVICE CONNECTION</b></p>		
<p><b>DESIGN/CONSTRUCTION STANDARDS</b></p>	<p><small>Alteration of this drawing is prohibited. Any approval of an altered drawing is unauthorized and void.</small></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 5px;"><b>5002</b></td> </tr> <tr> <td style="text-align: center; padding: 5px;"><small>Revision Date</small> <b>04/16/13</b></td> </tr> </table>	<b>5002</b>	<small>Revision Date</small> <b>04/16/13</b>
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