

**METER BOX AND SERVICE PIPE SIZE TABLE**

<table>
<thead>
<tr>
<th>METER SIZE</th>
<th>SERVICE PIPE SIZE (MINIMUM)</th>
<th>ARMORCAST BOX</th>
<th>ARMORCAST COVER</th>
<th>DIMENSION WIDTH x LENGTH x DEPTH</th>
<th>TRAFFIC RATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot;, 3/4&quot;, 1&quot;</td>
<td>1 1/2&quot; (OD-1.241&quot;) (OD-1.625&quot;)</td>
<td>A600 1429</td>
<td>A600 1428-H7</td>
<td>12&quot; x 18&quot; x 12&quot;</td>
<td>NO</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>2&quot; (ID-1.625&quot;) (OD-2.125&quot;)</td>
<td>A600 1643-H7</td>
<td>A600 1643T-H7</td>
<td>17&quot; x 30&quot; x 12&quot;</td>
<td>YES</td>
</tr>
</tbody>
</table>

*LARGER SHALL BE DETERMINED ON A PROJECT BY PROJECT BASIS*

* Install 6" Portland Cement Concrete slab underneath for support.

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One piece polyethylene Class 200 water service tubing (ASTM D-2737); PE 4710 or equal. No couplings or unions.

3" tape spacing, 1" wide filament tape - Scotch brand 998 or equal

Corporation Stop with AWWA taper thread x compression connection with stainless steel insert. Mueller No. 15013N or equal.

Bronze double strap service saddle with AWWA taper thread, Mueller BR2B series or equal for all mains except PVC pipe. Bronze service saddle with stainless steel double straps with corporation stop thread. Mueller BR2S series or equal for all PVC pipes.

**NOTES:**

1. All services to be Wet Tap at existing mains. For new mains, new services can be Dry Tap or as directed by City Engineer.
2. Use a #8 Locator wire-stranded Blue, single length of wire with insulation intact. Locator wire must be connected to watermain locator wire using brass wire split nuts to provide a complete circuit. Coat cut end of wire with Scotch electrical coating or equal.
3. For meters 1" or less, use Mueller No. H-14258N Ground Key angle meter valve with lock wing and Compression x meter swivel nut connections. For meters less than 1", use hexagonal nut bushing reducer with rubber washer.
4. For meters 1 1/2" and 2", use Mueller H-14277N Ground Key angle meter valve with lock wing and compression x meter flange connections.
5. Center Meter Box over Meter to grade.
6. Install Flexnet AMI reading lids.
7. Remove and replace existing water meter box to new location as indicated on the location plan on this sheet. Replace service pipe and yard piping with new PE pipe with minimum pipe diameter as shown on table above.
8. Inside diameter of service pipe to equal or exceed approved sprinkler calculation.