NOTES:
1. METER BOX SHALL BE INSTALLED AS SHOWN IN THE LOCATION DETAIL SHOWN BELOW.
2. ALL BENDS IN PLASTIC PIPE SHALL HAVE A MINIMUM RADIUS OF 30 PIPE DIAMETERS.
3. NO COUPLINGS OR UNIONS IN PLASTIC PIPE UNLESS AS SHOWN PER DETAIL.
4. PROVIDE 2' MIN. OF COVER OVER SERVICE LATERAL PIPE IN ALL LOCATIONS.
5. INSTALL 6" PORTLAND CEMENT CONCRETE FOOTING UNDERNEATH TRAFFIC RATED METER BOXES.
6. ALL NON-RESIDENTIAL USES SHALL BE PROTECTED WITH A BACKFLOW PREVENTION DEVICE AS REQUIRED AND APPROVED BY THE CITY’S CROSS-CONNECTION CONTROL TEAM.
7. ALL DRY AND WET TAPS SHALL BE PERFORMED ACCORDING TO THE PIPE MANUFACTURER’S RECOMMENDATION.

WATER METER LOCATION DETAIL

NEW METER BOX, IF NO LANDSCAPE STRIP EXISTS MAINTAIN METER BOX LOCATE AT BACK OF SIDEWALK.

CONNECT NEW YARD PIPING TO EXIST. YARD PIPING

SERVICE SADDLE:
PVC MAIN: MUELLER BR2S w/ STAINLESS STEEL DOUBLE STRAPS
OTHER MAIN: MUELLER BR2B w/ BRONZE DOUBLE STRAPS

WIRE NUT, SEE DETAIL W-40

1" WIDE TAPE SCOTCH #898 OR APPROVED EQUAL, 3" MIN. SPACING

2" CORPORATION STOP TAPER THREAD x COMP MUELLER B-25008

METER BOX TABLE

<table>
<thead>
<tr>
<th>METER SIZES</th>
<th>ARMORCAST BOX</th>
<th>ARMORCAST Lid</th>
<th>TRAFFIC RATED Lid</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; &amp; 3/4&quot; &amp; 1&quot;</td>
<td>A600 1429</td>
<td>A600 1428-H7</td>
<td>A600 1428T-H7</td>
</tr>
<tr>
<td>1.5&quot; &amp; 2&quot;</td>
<td>A600 164OPCX12</td>
<td>A600 1643-H7</td>
<td>A600 1643T-H7</td>
</tr>
</tbody>
</table>

NOT TO SCALE

18" FOR METERS ≤1"
30" FOR METERS >1"

BRASS STRAIGHT SWIVEL NUT COUPLING (MIP x FI)

2"x2" COUPLING (M.I.P. x COMP) MUELLER H-15428 OR APPROVED EQUAL w/ 2"x1" BUSHING AND 1" BRASS NIPPLE

90° BRASS ELBOW (COMP x COMP) MUELLER H-15526 OR APPROVED EQUAL

ROTATE METER AND BOX PARALLEL TO CURB

2" BRASS METER FLANGE

1.5"x2" OR 2"x2" CURB STOP, MUELLER B-24276 OR APPROVED EQUAL. MATCH CURB STOP FLANGE TO METER FLANGE SIZE. REDUCERS WILL NOT BE PERMITTED.

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION
WATER SERVICE LINE
CONNECTIONS TO D.I.P. & PVC MAINS
FOR 5/8" TO 2" METERS

DATE: 11/25/19

STANDARD DETAIL
W - 1
PVC