<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>J1</td>
<td>Meter Box (5/8&quot; &amp; 1&quot;) Single Service Non-Traffic Areas</td>
</tr>
<tr>
<td>J2</td>
<td>Meter Box (5/8&quot;) Dual Service Non-Traffic Areas</td>
</tr>
<tr>
<td>J3</td>
<td>Meter Box (5/8&quot; &amp; 1&quot;) Single Service Traffic Rated</td>
</tr>
<tr>
<td>J4</td>
<td>Meter Box (5/8&quot;) Dual Service Traffic Rated</td>
</tr>
<tr>
<td>J5</td>
<td>Meter Box (1 1/2&quot;, &amp; 2&quot;) Single Service Traffic and Non-Traffic Rated</td>
</tr>
<tr>
<td>J6</td>
<td>Lid Details (5/8&quot; &amp; 1&quot;) Single Service Non-Traffic Areas</td>
</tr>
<tr>
<td>J7</td>
<td>Lid Details (5/8&quot;) Dual Service Non-Traffic Areas</td>
</tr>
<tr>
<td>J8</td>
<td>Lid Details (5/8&quot; &amp; 1&quot;) Single Service Traffic Rated</td>
</tr>
<tr>
<td>J9</td>
<td>Lid Details (5/8&quot;) Dual Service Traffic Rated</td>
</tr>
<tr>
<td>J10</td>
<td>Lid Details (1-1/2&quot; &amp; 2&quot;) Single Service Traffic and Non-Traffic Rated</td>
</tr>
</tbody>
</table>
**J 1 – METER BOX (5/8" & 1") SINGLE SERVICE NON-TRAFFIC AREAS:**

**SPECIFICATION/ MATERIAL:**
5/8" & 1" water meter box 1015-12, shall meet or exceed the performance specifications of:

- Boxes and Lids shall be designed and tested to meet ASTM C857 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a High-Density Polyethylene material.
- Box shall be compatible with Lid from Material Specification J 6.

**DIMENSIONS:**
- Box shall have minimum outside dimensions as follows: 11” wide X 16” long measured at top collar & 16” wide X 20” long measured at box bottom.
- Overall height of box shall be 12”.

**APPLICATIONS & APPLICATION REQUIREMENTS:**
- Acceptable in non-traffic applications only.
- 5/8" & 1" Single Service metered services.
- Box shall be black in color.
- See Material Specification J 6 for lid details.

**MANUFACTURER:**
- Carson 1015-12 (Part No. 1015-2026)
- Or Equal

**RESTRICTIONS:**
Use of this product is limited to:

- 5/8” & 1” single Service
- Acceptable in non-traffic applications only

Effective Date: 01-01-20
Revision #: 2
J 2 – METER BOX (5/8") DUAL SERVICE NON-TRAFFIC AREAS:

SPECIFICATION/MATERIAL:
- 5/8” water meter box 1220-12, shall meet or exceed the performance specifications of:
- Boxes and Lids shall be designed and tested to meet ASTM C857 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a High-Density Polyethylene material.
- Box shall be compatible with Lid from Material Specification J 7.
- Box must have two "mouse holes".

DIMENSIONS:
- Box shall have minimum outside dimensions as follows: 14” wide X 21” long measured at top collar & 19” wide X 25” long measured at box bottom.
- Overall height of box shall be 12”.

APPLICATIONS & APPLICATION REQUIREMENTS:
- Acceptable in non-traffic applications only.
- 5/8” Dual Service metered services.
- Box shall be black in color.
- See Material Specification J 7 for lid details.

MANUFACTURER:
- Carson 1220-12 (Part No. 1220-2005)
- Or Equal

RESTRICTIONS:
Use of this product is limited to:
- 5/8” Dual Service
- Acceptable in non-traffic applications only
## J 3 – METER BOX (5/8” & 1”) SINGLE SERVICE TRAFFIC RATED:

### SPECIFICATION/MATERIAL:
5/8” & 1” water meter box 1015-12 BCF-XL, shall meet or exceed the performance specifications of:

- Boxes and Lids shall be designed and tested to meet ASTM A48, Class 30B and ANSI/SCTE 77 Tier 15 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a Polyolefin material.
- Box shall be compatible with Lid from Material Specification J 8.

### DIMENSIONS:
- Box shall have minimum outside dimensions as follows: 13” wide X 18” long measured at top collar & 9” wide X 14” long measured at box bottom.
- Overall height of box shall be 12”.

### APPLICATIONS & APPLICATION REQUIREMENTS:
- Acceptable in traffic applications only.
- 5/8” & 1” Single Service metered services.
- Box shall be black in color.
- See Material Specification J 8 for lid details.

### MANUFACTURER:
- Carson 1015-12 BCF-XL (Part No. 1015-2022)
- Or Equal

### RESTRICTIONS:
Use of this product is limited to:

- 5/8” & 1” Single Service
- Acceptable only in occasional, non-deliberate traffic applications.
- Not acceptable in deliberate heavy vehicular traffic applications when AASHTO H-20 load rating is required.
**SPECIFICATION/MATERIAL:**
5/8” Dual traffic rated water meter box 1416-12 BCF-XL, shall meet or exceed the performance specifications of:
- Boxes and Lids shall be designed and tested to meet ASTM A48, Class 30B and ANSI/SCTE 77 Tier 15 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a Polyolefin material.
- Box shall be compatible with Lid from Material Specification J 9.

**DIMENSIONS:**
- Box shall have minimum outside dimensions as follows: 17” wide X 19” long measured at top collar & 13” wide X 15” long measured at box bottom.
- Overall height of box shall be 12”.

**APPLICATIONS & APPLICATION REQUIREMENTS:**
- Acceptable in traffic applications only.
- 5/8” Dual Service metered services.
- Box shall be black in color.
- See Material Specification J 9 for lid details.

**MANUFACTURER:**
- Carson 1416MSBC-XL (Part No. 1416-2006)
- Or Equal

**RESTRICTIONS:**
Use of this product is limited to:
- 5/8” Dual Service
- Acceptable only in occasional non-deliberate traffic applications.
- Not acceptable in deliberate heavy traffic applications when ASHTO H-20 is required.
**J 5 – METER BOX (1-1/2" & 2") SINGLE SERVICE TRAFFIC AND NON-TRAFFIC RATED:**

**SPECIFICATION/ MATERIAL:**
1-1/2" & 2" water meter box 1730-18 BCF-XL, shall meet or exceed the performance specifications of:
- Boxes and Lids shall be designed and tested to meet ASTM A48, Class 30B and ANSI/SCTE 77 Tier 15 load rating standards and have labeling to indicate this loading.
- Box and Lid shall be made of a Polyolefin material.
- Box shall be compatible with Lid from Material Specification J 10.

**DIMENSIONS:**
- Box shall have minimum outside dimensions as follows: 21” wide X 34” long measured at top collar & 20” wide X 32” long measured at box bottom.
- Overall height of box shall be 18”.

**APPLICATIONS & APPLICATION REQUIREMENTS:**
- 1-1/2” & 2” Single Service metered services.
- Box shall be black in color.
- See Material Specification J 10 for lid details.

**MANUFACTURER:**
- Carson 1730-18 BCF-XL (Part No. 1730-1202)
- Or Equal

**RESTRICTIONS:**
Use of this product is limited to:
- 1-1/2" & 2” Single Service
- Acceptable in non-traffic and occasional traffic applications
- Not acceptable in deliberate heavy vehicular traffic applications when ASHTO H-20 is required.
### J 6 – LID DETAILS (5/8” & 1”) SINGLE SERVICE NON-TRAFFIC AREAS:

<table>
<thead>
<tr>
<th>Effective Date: 01-01-20</th>
<th>Revision #: 2</th>
</tr>
</thead>
</table>

#### SPECIFICATION/ MATERIAL:
5/8” & 1” water meter Lid 1419 Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTM C857 load rating standards and have labeling to indicate this loading.
- Lid shall be made of a High-Density Polyethylene material.
- Lid shall be compatible with Box from Material Specification J 1.

#### DIMENSIONS:
- Lid shall have minimum outside dimensions as follows: 10” wide X 15” long.
- Lid shall have a 3-3/8” recessed portion for flush mount and a 2” thru hole for the transmitter.

#### APPLICATIONS & APPLICATION REQUIREMENTS:
- Acceptable in non-traffic applications only.
- 5/8” & 1” Single Service metered services.
- Lid shall be black in color.
- See Material Specification J 1 for box details.
- The lid shall have a lifting slot with locking pin.
- All lids shall be embossed “Water Meter” and patterned with a non-skid surface.

#### MANUFACTURER:
- Carson 1419 Flush Cover (Part No. 1419-4212)
- Or Equal

#### RESTRICTIONS:
Use of this product is limited to:

- 5/8” & 1” Single Service
- Acceptable in non-traffic applications only
### J 7 – LID DETAILS (5/8”) DUAL SERVICE NON-TRAFFIC AREAS:

**SPECIFICATION/ MATERIAL:**
5/8” water meter TriCast 1220 Dual Pedestrian Cape Fear lid shall meet or exceed the performance specifications of:
- Lid shall be designed and tested to meet ASTM C857 load rating standards and have labeling to indicate this loading.
- Lid shall be made of a High-Density Polyethylene material.
- Lid shall be compatible with Box from Material Specification J 2.

**DIMENSIONS:**
- Lid shall have minimum outside dimensions as follows: 13” wide X 19” long.
- Lid shall have two 3 3/8” recessed portion for flush mount and a 2” thru hole for the transmitters.

**APPLICATIONS & APPLICATION REQUIREMENTS:**
- Acceptable in non-traffic applications only.
- 5/8” Dual Service metered services.
- Lid shall be black in color.
- See Material Specification J 2 for box details.
- The lid shall have a lifting slot with locking pin.
- All lids shall be embossed “Water Meter” and patterned with a non-skid surface.

**MANUFACTURER:**
- TriCast - 1220 Dual Pedestrian Cape Fear (Part No. T-CP1220DBR)
- Or Equal

**RESTRICTIONS:**
Use of this product is limited to:
- 5/8” Dual Service
- Acceptable in non-traffic applications only
**SPECIFICATION/MATERIAL:**
5/8” & 1” water meter FLX09P Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTM A48, Class 30B and ANSI Tier 15 load rating standards and have labeling to indicate this loading
- Lid shall be made of a Polyolefin material.
- Lid shall be compatible with Box from Material Specification J 3.

**DIMENSIONS:**
- Lid shall have minimum outside dimensions as follows: 10” wide X 15” long.
- Lid shall have a 3 1/4” recessed portion for flush mount and a 2” thru hole for the transmitter.

**APPLICATIONS & APPLICATION REQUIREMENTS:**
- 5/8” & 1” Single Service metered services.
- Lid shall be black in color.
- See Material Specification J 3 for box details.
- The lid shall have a lifting slot with locking pin.
- All lids shall be embossed “Water Meter” and patterned with a non-skid surface.

**MANUFACTURER:**
- Badger Orion FLX09P Flush Cover (Part No. 02001350)
- Or Equal

**RESTRICTIONS:**
Use of this product is limited to:

- 5/8” & 1” Single Service
- Acceptable only in occasional non-deliberate traffic applications.
- Not acceptable in deliberate heavy vehicular traffic applications when ASHTO H-20 is required.
J 9 – LID DETAILS (5/8") DUAL SERVICE TRAFFIC RATED:

SPECIFICATION/ MATERIAL:
5/8” water meter FL1416P Dual Recess Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTM A48, Class 30B and ANSI Tier 15 load rating standards and have labeling to indicate this loading
- Lid shall be made of a Polyolefin material.
- Lid shall be compatible with Box from Material Specification J 4.

DIMENSIONS:
- Lid shall have minimum outside dimensions as follows: 12” wide X 20” long.
- Lid shall have two 3 1/4” recessed portion for flush mount and a 2” thru hole for the transmitters.

APPLICATIONS & APPLICATION REQUIREMENTS:
- 5/8” Dual Service metered services.
- See Material Specification J 4 for box details.
- The lid shall have a lifting slot with locking pin.
- All lids shall be embossed “Water Meter” and patterned with a non-skid surface.

MANUFACTURER:
- Badger Orion FL1416P Dual Recess (Part No. 02001399)
- Or Equal

RESTRICTIONS:
Use of this product is limited to:

- (5/8") Dual Service
- Acceptable only in occasional non-deliberate traffic applications.
- Not acceptable in deliberate heavy vehicular traffic applications when ASHTO H-20 is required.
### J 10 – LID DETAILS (1-1/2" & 2") SINGLE SERVICE TRAFFIC AND NON-TRAFFIC RATED:

**Effective Date:** 01-01-20  
**Revision #:**  2

**SPECIFICATION/MATERIAL:**  
1-1/2" & 2" water meter FL369P Flush Cover, shall meet or exceed the performance specifications of:

- Lid shall be designed and tested to meet ASTM A48, Class 30B and ANSI Tier 15 load rating standards and have labeling to indicate this loading.  
- Lid shall be made of a Polyolefin material.  
- Lid shall be compatible with Box from Material Specification J 5.

**DIMENSIONS:**  
- Lid shall have minimum outside dimensions as follows: 17" wide X 30" long.  
- Lid shall have a 3-1/4" recessed portion for flush mount and a 2" thru hole for the transmitter.

**APPLICATIONS & APPLICATION REQUIREMENTS:**  
- 1-1/2" & 2" Single Service metered services.  
- See Material Specification J 5 for box details.  
- The lid shall have a lifting slot with locking pin.  
- All lids shall be embossed “Water Meter” and patterned with a non-skid surface.

**Manufacturer:**  
- Badger Orion FL36P Flush Cover  
  (Part No. 02001576)  
- Or Equal

**RESTRICTIONS:**  
Use of this product is limited to:

- (1-1/2" & 2") Single Service  
- Acceptable in non-traffic and occasional non-deliberate traffic applications.  
- Not acceptable in deliberate heavy vehicular traffic applications when ASHTO H-20 is required.