72" TYPE 3 MANHOLE
(WSDOT B-23c)

OLDCASTLE MANHOLES:
- H-20 Loading
- Manhole meets ASTM C478 and all WSDOT/APWA Standard Specifications
- Rubber gasket joint meets ASTM C443
- Polypropylene steps and ladders meet ASTM D4101
- Reinforcement area meets minimum ASTM C478 requirements:
  - Flat Top = 0.12 in.³/linear ft. in both directions, with 0.20 in.³ at 90° around opening
  - Cones = 2 hoops of 0.250 in. dia reinforcing bar
- Sections = 0.135 in.³/vertical ft.
- Bases = 0.12 in.³/linear ft. in both directions (slab), 0.135 in.³/vertical ft. (wall)
- Knockout sizes and locations available to meet job requirements
- Maximum hole size 42" x 42"
- Minimum distance between holes 8"

SECTION HEIGHT

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1'-0&quot;</td>
<td>1,750 lbs</td>
</tr>
<tr>
<td>2'-0&quot;</td>
<td>3,510 lbs</td>
</tr>
<tr>
<td>3'-0&quot;</td>
<td>5,275 lbs</td>
</tr>
<tr>
<td>4'-0&quot;</td>
<td>7,035 lbs</td>
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<tr>
<td>5'-0&quot;</td>
<td>8,795 lbs</td>
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BASE HEIGHT

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>2'-0&quot;</td>
<td>7,580 lbs</td>
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<tr>
<td>3'-0&quot;</td>
<td>9,345 lbs</td>
</tr>
<tr>
<td>4'-0&quot;</td>
<td>11,105 lbs</td>
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<tr>
<td>5'-0&quot;</td>
<td>12,865 lbs</td>
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</tbody>
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FOR DETAILS, SEE REVERSE>>
Items Shown Are Subject To Change Without Notice
Issue Date: April 2016
72" TYPE 3 MANHOLE

**FRAME AND COVER**
360 lbs

**GRADE RING**
2" = 60 lbs
4" = 120 lbs
6" = 180 lbs

**72" FLAT TOP**
WITH 25"Ø HOLE
4,765 lbs

**AVAILABLE OPTIONS:**
- Pre-channeling
- Coatings
- Kor-n-seal boots
- Saddle bases
- Reducing Flat Top