<table>
<thead>
<tr>
<th>Item Number</th>
<th>Quantity</th>
<th>Part Name</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Lock Plate</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Lock Angle Bracket</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>5/16&quot; x 3/4&quot; Bolt</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Lid</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Concrete Box</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>Lock Channel - stainless steel</td>
</tr>
<tr>
<td>7</td>
<td>2</td>
<td>1 1/2&quot; x 1 1/2&quot; x 1/4&quot; Angle Iron</td>
</tr>
<tr>
<td>8</td>
<td>1</td>
<td>1/4&quot; Nut - stainless steel</td>
</tr>
<tr>
<td>9</td>
<td>1</td>
<td>1/2&quot; Spring Nut - stainless steel</td>
</tr>
<tr>
<td>10</td>
<td>1</td>
<td>Penta Head Bolt - stainless steel</td>
</tr>
<tr>
<td>11</td>
<td>1</td>
<td>Lid Frame</td>
</tr>
<tr>
<td>12</td>
<td>2</td>
<td>1&quot; x 1&quot; x 1/8&quot; Angle Iron</td>
</tr>
<tr>
<td>13</td>
<td>2</td>
<td>1/4&quot; Washer - stainless steel</td>
</tr>
<tr>
<td>14</td>
<td>2</td>
<td>1 1/2&quot; x 1 1/2&quot; x 1/4&quot; Angle Iron</td>
</tr>
<tr>
<td>15</td>
<td>2</td>
<td>5/16&quot; Flat Washer - stainless steel</td>
</tr>
<tr>
<td>16</td>
<td>2</td>
<td>5/16&quot; x 7/8&quot; Hex Coupling Nut - stainless steel</td>
</tr>
</tbody>
</table>
All Corners Rounded

1/2"

2 1/2"

1"

3/16"

2 1/2"

3/16"
Project Junction Box - Type 2
DESCRIPTION Lid and Frame
DATE 1/19/09

Lid and Frame

16 7/8"
2 1/2"
27 7/8"
33"

Ten (10) Ø 3/8" x 3"
Weld Studs
- Headed

1/2"
2"

3/8"
Junction Box - Type 2

Lock Detail

1/19/09

STD Penta Head Bolt

Lid

1/4

TYP.

Frame

1/4

TYP.

S.S. Spring Block

S.S. Lock Spring

Lock Channel

1/2" x 1/2" x 1/4"

1" x 1" x 1/4"

Angle Iron

Lock Angle Bracket

Section A-A

Detail A

Approved as noted

Washington State
Department of Transportation
HQ Traffic Operations Office
DATE May 13, 2009 TAT

© 2009 H² Pre-Cast Inc.
See standard Plan J-40.10-00 for weld thickness and pattern.

1" x 1" x 1/8" Angle Iron

1 1/2" x 1 1/2" x 1/4"

4" x 1" x 1/4" Angle Iron

Section A-A
Project: Junction Box - Type 2

DESCRIPTION: Hex Nut Detail

5" Min. from edges

TYP. 1/4"

5/16" x 3/4" Bolt S.S.

1/4"

5/16" x 7/8" Hex Coupling Nut S.S.

2 each 5/16" Flat Washer S.S.

5/16" x 7/8" Hex Coupling Nut S.S.

APPROVED AS NOTED
Washington State Department of Transportation HQ Traffic Operations Office DATE May 12, 2009 TAT

© 2009 H² Pre-Cast Inc.
Fiber Mesh

Mix Design "WSDOT Type 1 & 2 J-Boxes 05/08/09"

Force Concrete equals 6,000 PSI

Section A-A

APPROVED AS NOTED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE May 12, 2009 TAT