### Notes:
- Air/Vacuum Valve and 6' Riser shall be plumbed.
- Material below aggregate base shall be compacted to 90% minimum.
- Contact Citrus Heights Water District for inspection of pad forms prior to pouring concrete. (916) 725-6873
- Reinforced concrete pad shall be finished with an edging tool around the entire perimeter and broomed at right angles to the direction of travel.
- Color of insulated enclosure shall be determined by district inspector.

### Table of Components:

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1&quot; Bronze Saddle - IPT</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1&quot; Corporation Stop - Full-Port Ball, MIP x MIP</td>
<td></td>
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<tr>
<td>3</td>
<td>1&quot; Brass Elbow</td>
<td></td>
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<tr>
<td>4</td>
<td>1&quot; Brass Street Elbow - CTS Comp x MIP</td>
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<tr>
<td>5</td>
<td>1&quot; Copper Tubing - Type K Hard</td>
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<tr>
<td>6</td>
<td>1&quot; Valve - Full-Port Ball, CTS Comp x CTS Comp</td>
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<tr>
<td>7</td>
<td>1&quot; Brass Nipple - Length as Needed</td>
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</tr>
<tr>
<td>8</td>
<td>1&quot; Air/Vacuum Valve - Crispin UL-10 or Equal</td>
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</tr>
<tr>
<td>9</td>
<td>1&quot; x 6' SCH 80 PVC Nipple - MIP x SLIP</td>
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<tr>
<td>10</td>
<td>1&quot; SCH 80 PVC 90° Elbow - SLIP x SLIP</td>
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</tr>
<tr>
<td>11</td>
<td>1&quot; x 3&quot; SCH 80 PVC Nipple - SLIP x SLIP</td>
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</tr>
<tr>
<td>12</td>
<td>1&quot; x 2&quot; SCH 80 PVC Nipple - SLIP x MIP</td>
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<tr>
<td>13</td>
<td>Screen - Christy VCI</td>
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<tr>
<td>14</td>
<td>Insulated Enclosure - 12&quot;x12&quot;, Placer Waterworks or Equal - PW/SJARV-2 Insulated - Secured to Pad with 1/2&quot; x 4&quot; Sleeve Anchors - Red Head or Equal</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Reinforced Concrete Pad - 4&quot; Thick, Type II Six-Sack Portland Cement</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>3&quot; PVC Sleeve - Sand Filled</td>
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<tr>
<td>17</td>
<td>Concrete Drive w/wire</td>
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</tr>
<tr>
<td>18</td>
<td>3/8&quot; (#3) Rebar - 2&quot; Inside Perimeter.</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>3/4&quot; Class 2 Aggregate Base - 2&quot; Minimum, Mechanically Compacted to 90%</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Concrete Valve Box/Lid - Marked &quot;Water&quot;, Christy F-8</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>6&quot; Riser - SR35 Only, Continuous Section</td>
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</tr>
<tr>
<td>22</td>
<td>#2 Washed Sand - Compact - 90%</td>
<td></td>
</tr>
</tbody>
</table>

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**1" Air/Vacuum Valve - Above Ground**

**Citrus Heights Water District**

**Approved by:**

Robert A. Chambers  
Citrus Heights Water District  
Date: 5/8/13

**Drawn:** 8 May 2013

**Scale:** N.T.S.

**Design:** P.A.D.

**CAD File:** AV_411.DWG

**Page:** AV_411