3/4" to 2" RPZ
ASSEMBLY (ABOVE GROUND)

DRAIN PORT – PROVIDE POSITIVE DRAINAGE OUT OF ENCLOSURE (MINIMUM TWICE THE SIZE OF RPZ)

4" 3000 PSI CONCRETE SLAB. DIMENSIONS PER BOX MANUFACTURER SPECIFICATIONS

PROVIDE BLOCKING FOR PIPES 2" AND LARGER

FLOW

NOTES:
1. CLEAR
2. SEE SHEET 2 OF 2 FOR PART I.D.
3. CENTER ASSEMBLY IN BOX
4. 6" MIN.
5. 42" MIN. BUR
6. VARIATES (SEE MANUFACTURER)
7. 1-0" MIN.
8. 6" MIN.
9. 4" (SEE MANUFACTURER)
3/4" to 2" RPZ ASSEMBLY (ABOVE GROUND)

PLAN VIEW

VARIATES (SEE MANUFACTURER)

FLOW

6" MIN.

HASP/LOCK

FLOW

EQUAL

EQUAL

Not To Scale

March 7, 2017

Quality Service Since 1977

400 Jones Ferry Road
PO Box 366
Carrboro, NC 27510-0366

USE WITH THE OWASA STANDARD SPECIFICATIONS ONLY

SCALE: Not To Scale

REVISION DATE: March 7, 2017

DETAIL # 515.06

SHEET # 2 of 3
## Typical Enclosure

<table>
<thead>
<tr>
<th>#</th>
<th>PART</th>
<th>MANUFACTURER MODEL / Cat No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BACKFLOW PREVENTION ASSEMBLY</td>
<td>SEE SPECS. 02510 – PRODUCTS</td>
</tr>
<tr>
<td>2</td>
<td>1/4 TURN FULL PORT BRONZE BALL SHUT-OFF VALVE</td>
<td>---</td>
</tr>
<tr>
<td>3</td>
<td>90° BRASS ELBOW</td>
<td>---</td>
</tr>
<tr>
<td>4</td>
<td>THREADED UNION</td>
<td>---</td>
</tr>
<tr>
<td>5</td>
<td>3/4&quot; THROUGH 2 1/2&quot; STAINLESS STEEL OR BRASS THREADED PIPE</td>
<td>---</td>
</tr>
<tr>
<td>6</td>
<td>3/4&quot; THROUGH 2 1/2&quot; STAINLESS STEEL OR BRASS THREADED PIPE</td>
<td>---</td>
</tr>
<tr>
<td>7</td>
<td>INSULATED ENCLOSURE WITH LOCKING ACCESS AND HEATER (120 V, 1 PHASE 60 Hz) VERIFY FITTINGS WILL FIT INSIDE BOX BEFORE ORDERING</td>
<td>HOTBOX / HB.75 – HB3E (OR APPROVED EQUIVALENT)</td>
</tr>
<tr>
<td>8</td>
<td>STAINLESS STEEL ANCHOR BOLTS PER BOX MANUFACTURER RECOMMENDED SIZE AND SPACING</td>
<td>---</td>
</tr>
<tr>
<td>9</td>
<td>PROVIDE 120V RECEPTACLE ON GFCI NEAR PIPE RISER (NOT REQUIRED FOR SINGLE FAMILY RESIDENTIAL), SET MINIMUM 18&quot; ABOVE FLOOR</td>
<td>UL STD. 943–NEMA JR.</td>
</tr>
</tbody>
</table>

### Notes:
1. Provide minimum 1" annular clearance around all risers and electrical conduit.
2. Slope floor to drain to ports at both ends.
3. Ensure positive surface grade away from enclosure.