3. CONNECTING THE BYPASS (OUTLET END)

1. Start on the downstream end by connecting the outlet fitting. Be sure to match inverts of unit outlet and bypass pipe.
2. By-pass fittings can be connected using the same couplers as the main storm sewer pipe. Couplers may be split couplers, in-line bell couplers, snap couplers, bell-bell couplers or welded couplers.

See table for minimum excavation distance.

4. CONNECTING THE BY-PASS (INLET END)

1. Continue connecting the by-pass pipe to the upstream end of the unit.
2. Finish the by-pass connection to the unit by connecting the inlet tee fitting.

Note:
- Please consult with your ADS representative on the amount of fall from the by-pass inlet invert to the by-pass outlet invert.
- All dimensions are ± 1/2 foot.
- Standard configurations are not available for every SWQ and bypass diameter combination. Check with product catalog for listing of standard units.
- Trench widths will vary when connecting to other pipe/structure materials.
- Assumes 18” minimum separation between SWQ and HDPE bypass pipe.

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### TABLE 1: DISTANCE FROM OUTSIDE OF SWQ TO OUTER WALL OF BYPASS PIPE

<table>
<thead>
<tr>
<th>BYPASS PIPE DIAMETER** (IN)</th>
<th>12</th>
<th>15</th>
<th>18</th>
<th>20</th>
<th>24</th>
<th>30</th>
<th>36</th>
<th>42</th>
<th>48</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>44</td>
<td>49</td>
<td>56</td>
<td>64</td>
<td>71</td>
<td>78</td>
<td>85</td>
<td>94</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

* Assumes 18" minimum separation between SWQ and HDPE bypass pipe. Trench widths will vary when connecting to other pipe/structure materials.

** Standard configurations are not available for every SWQ and by-pass diameter combination. Check with product catalog for listing of standard units.

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