1. Trim 12" return pipe flush with shotcrete.
2. Insert Nozzle into 12 inch pipe
3. Use pre drilled holes in trim ring to pilot for 5/32" drill bit to a depth of 5" into pipe making sure to parallel to the walls of the pipe.
4. Enlarge the pilot hole in the trim ring using a 1 1/8" bit
5. Apply primer and Pvc cement (IPS Weldon 717 or 719) to the entire circumference of the return pipe 12" to 14" back from the pool wall.
6. Apply primer and Pvc cement to the outside edge of the smaller nozzle disc.
7. Apply a 3" bead 100% Silicone adhesive sealant to the backside of the trim ring disc.
8. Insert nozzle assembly into the return pipe pressing firmly to seat the nozzle trim plate against the curb end of the pipe.
9. Rotate nozzle so the four smallest openings are at the top and bottom. It is recommended that a level is used to align the openings on the horizontal plane.
10. Install the provided #8x3/4" screws to secure the trim ring to the pipe.
11. A snug fit is sufficient, do not overtighten.

NOTES:

- Insert nozzle into 12 inch pipe
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RIVERFLOW SWIM CURRENT

SYSTEM

COMPETITION SYSTEM

DUAL SECTION REPT.

TRENDS POOL

RIVERFLOW SWIMPOOL

PARTS LIST: SWIM IN PLACE SYSTEM

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUMP MOTOR</td>
<td>1 x</td>
</tr>
<tr>
<td>RIVERFLOW PUMP</td>
<td>1 x</td>
</tr>
<tr>
<td>VARIABLE SPEED</td>
<td>1 x</td>
</tr>
<tr>
<td>DUAL SUCTION BOX</td>
<td>2 x</td>
</tr>
<tr>
<td>SWIMFLOW PRO ACCELERATOR NOZZLE</td>
<td>3 x</td>
</tr>
<tr>
<td>12&quot; 90° ELBOW</td>
<td>3 x</td>
</tr>
<tr>
<td>12&quot; 45° ELBOW</td>
<td>4 x</td>
</tr>
<tr>
<td>12&quot; X 18&quot; REDUCING BUSHING</td>
<td>3 x</td>
</tr>
<tr>
<td>12&quot; SCH 40 PVC PIPE NIPPLE 1/2&quot; LONG</td>
<td>3 x</td>
</tr>
<tr>
<td>12&quot; SCH 40 PVC PIPE TO BE DETERMINED AS PER PUMP LOCATION</td>
<td>1 x</td>
</tr>
<tr>
<td>12&quot; X 18&quot; REDUCING COUPLING</td>
<td>1 x</td>
</tr>
</tbody>
</table>
NOTE: SYSTEM SHOWN IN STRAIGHT PIPING ASSEMBLY. DEPENDING ON PUMP LOCATION (PER PLAN) ANGLE PIPE FITTINGS MAY BE REQUIRED.

SWIM POOL SYSTEM 12" X 10" SUCTION PORTS (EXPLODED VIEW)
NOTE: SYSTEM SHOWN IN STRAIGHT PIPING ASSEMBLY. DEPENDING ON PUMP LOCATION (PER PLAN) ANGLE PIPE FITTINGS MAY BE REQUIRED.
CONC PAD / PUMP (SIDE VIEW)

**NOTE:** PAD WALLS ARE TO BE 3" ABOVE FINISHED GRADE LEVEL FOR SOD PLACEMENT. USE CAP TILE OR STONE FINISH ON BEAM.

RIVER FLOW PUMP AND MOTOR

BREAKER DISCONNECT MOUNTED ON UNI-STRUT FRAME.

4" PVC DRAIN WITH GRATED COVER TO RIP RAP DRAIN FIELD OR APPROVED WASTE.

4" PVC CONDUIT TO PANEL POWER SUPPLY

3'-8" X 3'-8" CONCRETE PUMP PAD WITH 3' X 3' CLEAR INTERIOR AND 4" THICK WALLS AND FLOOR.

5" water line to top of pipe

SCALE 3/4" = 1'-0"