



**KIMES ENGINEERING**  
AND MANAGEMENT SERVICES, INC.

Owner: \_\_\_\_\_ Permit #: \_\_\_\_\_

Property Address: \_\_\_\_\_ Area: \_\_\_\_\_ Lot: \_\_\_\_\_

**SITE SPECIFIC INFORMATION FOR COMPLIANCE WITH 2007 FBC**

	FILTRATION PUMP	SPA PUMP	FEATURE PUMP
Pump Selection- Brand & Model			

**CHOOSE OPTION FOR DETERMINING MAXIMUM SYSTEM FLOW AT SUCTION OUTLETS**

Maximum Flow from Pump- (Attach product pump curve)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Simplified TDH- (Attach pump curve & Calculation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Detailed TDH Calculation- (Attach pump curve & Calculation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pump Flow from Pump Curve with method indicated	<b>GPM</b>	<b>GPM</b>	<b>GPM</b>
Adjusted <b>Maximum</b> Pump Flow for sizing Branch Pipe & Suction based on number of Suction Outlets used	<b>GPM</b>	<b>GPM</b>	<b>GPM</b>
<b>Minimum</b> Branch Pipe Size given flow at <b>6 FPS</b>	<b>Inch Pipe</b>	<b>Inch Pipe</b>	<b>Inch Pipe</b>

**LISTED SUCTION COVER/GRATE**

Number of Suction Outlets			
Manufacturer & Model			
<b>Maximum</b> Flow Floor(GPM)/ <b>Maximum</b> Flow Wall (GPM)	/	/	/

**TRUNK/SUCTION PIPE SIZING**

Flow Using Product Pump Curve at 60 FT TDH (1)	<b>GPM</b>	<b>GPM</b>	<b>GPM</b>
<b>Minimum</b> Trunk Pipe Size given flow @ <b>8 FPS</b>	<b>Inch Pipe</b>	<b>Inch Pipe</b>	<b>Inch Pipe</b>

**PRESSURE/RETURN PIPE SIZING**

Flow Using Product Pump Curve at 60 FT TDH (1)	<b>GPM</b>	<b>GPM</b>	<b>GPM</b>
<b>Minimum</b> Pressure Pipe Size given flow @ <b>10 FPS</b>	<b>Inch Pipe</b>	<b>Inch Pipe</b>	<b>Inch Pipe</b>

NOTE:(1) ANSI/APSP concludes that trunk piping may be sized at normal flow, not maximum flow as required for branch piping.

Site Specific Descriptions as needed: