

## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



<b>1.</b>	Force main length:	<u>1005</u> ft. (actual length along proposed alignment)			
	Force main diameter (inside):	<u>4.13" DUAL</u> in. inside dia.			
	Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>PVC SDR26</u>			
	Force Main is:	<input checked="" type="checkbox"/> <u>New</u>	<input type="checkbox"/> <u>New</u>	<input type="checkbox"/> <u>Existing</u>	
<b>2.</b>	Elevation change from lift station site to force main discharge point:	<u>9.2</u> ft.			
	Finish grade elevation at wet well:	<u>370</u> ft.			
	Discharge piping elevation at valve vault:	<u>365.5</u> ft.			
	Force main discharge elevation:	<u>379.2</u> ft.			
<b>3.</b>	Influent sewer elevation:	<u>360.5</u> ft.			
<b>4.</b>	Peak design flow (maximum flow to lift station):	<u>90</u> g.p.m.	<u>FUTURE FLOW OF 400 GPM</u>		
<b>5.</b>	Standby generator requirement:	<input checked="" type="checkbox"/> <u>Portable</u>	<input type="checkbox"/> <u>Permanent</u>	<input type="checkbox"/> <u>Portable</u>	<input type="checkbox"/> <u>None</u> <input type="checkbox"/> <u>Don't Know</u>
	Standby generator fuel:	<input checked="" type="checkbox"/> <u>Diesel</u>	<input type="checkbox"/> <u>Diesel</u>	<input type="checkbox"/> <u>Natural Gas</u>	<input type="checkbox"/> <u>Propane</u>
<b>6.</b>	Available power supply:	<input checked="" type="checkbox"/> <u>480V</u>	<input type="checkbox"/> <u>208V</u>	<input type="checkbox"/> <u>240V</u>	<input type="checkbox"/> <u>480V</u>
		<input checked="" type="checkbox"/> <u>3-phase</u>	<input type="checkbox"/> <u>Single-phase</u>	<input type="checkbox"/> <u>3-phase</u>	
	Additional loads on site (besides the lift station) to be powered by generator:	<u>                    </u> KVA			
<b>7.</b>	Electrical controls weather protection:	<input checked="" type="checkbox"/> <u>Shelter Structure</u>	<input type="checkbox"/> <u>Enclosed Building</u>	<input type="checkbox"/> <u>Shelter Structure</u>	<input type="checkbox"/> <u>None</u>
	Weather protection structure is for:	<input checked="" type="checkbox"/> <u>Electrical Controls Only</u>		<input type="checkbox"/> <u>Electrical Controls Only</u>	
		<input type="checkbox"/> <u>Electrical Controls &amp; Generator</u>			
		<input type="checkbox"/> <u>Controls, Generator, Chemical Feed</u>			