

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>525</u> ft. (actual length along proposed alignment)			
Force main diameter (inside):	<u>2</u> " in. inside dia.			
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>HDPE DR-11</u>			
Force Main is:	<input checked="" type="checkbox"/> <u>New</u>	<input type="checkbox"/> <u>New</u>	<input type="checkbox"/> <u>Existing</u>	
2. Elevation change from lift station site to force main discharge point:	<u>-3.8</u> ft.			
Finish grade elevation at wet well:	<u>550.15</u> ft.			
Discharge piping elevation at valve vault:	<u>546.15</u> ft.			
Force main discharge elevation:	<u>546.34</u> ft.			
3. Influent sewer elevation:	<u>530.88</u> ft.			
4. Peak design flow (maximum flow to lift station):	<u>45</u> GPM @ <u>66</u> TDH g.p.m.			
5. Standby generator requirement:	<input checked="" type="checkbox"/> <u>Permanent</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>Propane</u>	<input type="checkbox"/> <u>Diesel</u>	<input type="checkbox"/> <u>Natural Gas</u>	<input type="checkbox"/> <u>Propane</u>
6. 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:	<input type="checkbox"/> <u>NO</u> KVA			
7. Electrical controls weather protection:	<input checked="" type="checkbox"/> <u>None</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>SELECT ONE</u>	<input type="checkbox"/> <u>Electrical Controls Only</u>		
		<input type="checkbox"/> <u>Electrical Controls & Generator</u>		
		<input type="checkbox"/> <u>Controls, Generator, Chemical Feed</u>		