

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>800</u> ft. (actual length along proposed alignment)		
Force main diameter (inside):	<u>4</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</u>		
Force Main is:	<input type="checkbox"/>	<u>New</u>	<u>Existing</u>
2. Elevation change from lift station site to force main discharge point:	<u>-4.7</u> ft.		
Finish grade elevation at wet well:	<u>1318.67</u> ft.		
Discharge piping elevation at valve vault:	<u>1314</u> ft.		
Force main discharge elevation:	<u>1314</u> ft.		
3. Influent sewer elevation:	<u>1311.2</u> ft.		
4. Peak design flow (maximum flow to lift station):	<u>120</u> g.p.m. @ 60' TDH		
5. Standby generator requirement:	<input type="checkbox"/> None	<u>Permanent</u>	<u>Portable</u> <u>None</u> <u>Don't Know</u>
Standby generator fuel:	<input type="checkbox"/> SELECT ONE	<u>Diesel</u>	<u>Natural Gas</u> <u>Propane</u>
6. Available power supply:	<input type="checkbox"/> 480V	<u>208V</u>	<u>240V</u> <u>480V</u>
	<input type="checkbox"/> 3-phase	<u>Single-phase</u>	<u>3-phase</u>
Additional loads on site (besides the lift station) to be powered by generator:	<u> </u> KVA		
7. Electrical controls weather protection:	<input type="checkbox"/> None	<u>Enclosed Building</u>	<u>Shelter Structure</u> <u>None</u>
Weather protection structure is for:	<input type="checkbox"/> SELECT ONE	<u>Electrical Controls Only</u>	
		<u>Electrical Controls & Generator</u>	
		<u>Controls, Generator, Chemical Feed</u>	