

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>745 ft.</u> (actual length along proposed alignment)			
Force main diameter (inside):	<u>3.06 in.</u> inside dia.			
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>HDPE</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>-2.8 ft.</u>			
Finish grade elevation at wet well:	<u>160.7 ft.</u>			
Discharge piping elevation at valve vault:	<u>157.2 ft.</u>			
Force main discharge elevation:	<u>158.12 ft.</u>			
3. Influent sewer elevation:	<u>151.7 ft.</u>			
4. Peak design flow (maximum flow to lift station):	<u>90 g.p.m. @25.1 TDH</u>			
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>		