

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1.	Force main length:	<u>30/1850/2545</u> ft. (actual length along proposed alignment)			
	Force main diameter (inside):	<u>12"/42"/72"</u> in. inside dia.			
	Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):				
	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>3.8</u> ft.			
	Finish grade elevation at wet well:	<u>224</u> ft.			
	Discharge piping elevation at valve vault:	<u>227.83</u> ft.			
	Force main discharge elevation:	<u>224</u> ft.			
3.	Influent sewer elevation:	<u>208.17</u> ft.			
4.	Peak design flow (maximum flow to lift station):	<u>2300</u> g.p.m. @ 32.5' TDH each pump			
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>		