

## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



<b>1.</b> Force main length:	<u>237.6</u> ft. (actual length along proposed alignment)			
Force main diameter (inside):	<u>18</u> in. inside dia.			
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>CARBON STEEL</u>			
Force Main is:	<input type="checkbox"/>	<u>New</u>	<u>Existing</u>	
<b>2.</b> Elevation change from lift station site to force main discharge point:	<u>1</u> ft.			
Finish grade elevation at wet well:	<u>21.2</u> ft.			
Discharge piping elevation at valve vault:	<u>22.2</u> ft.			
Force main discharge elevation:	<u>19</u> ft.			
<b>3.</b> Influent sewer elevation:	<u>14</u> ft.			
<b>4.</b> Peak design flow (maximum flow to lift station):	<u>8500 g.p.m. @ 32' TDH (both pumps running)</u>			
<b>5.</b> 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>
<b>6.</b> 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			
<b>7.</b> 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 &amp; Generator</u>		
		<u>Controls, Generator, Chemical Feed</u>		