

## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



<p><b>1.</b> Force main length: _____ ft. (actual length along proposed alignment)</p> <p>Force main diameter (inside): _____ in. inside dia.</p> <p>Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): _____</p> <p>Force Main is:</p> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">Existing</td> <td style="padding: 2px 10px;"><u>New</u></td> <td style="padding: 2px 10px;"><u>Existing</u></td> </tr> </table>	Existing	<u>New</u>	<u>Existing</u>							
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<p><b>2.</b> Elevation change from lift station site to force main discharge point: _____ ft.</p> <p>Finish grade elevation at wet well: _____ 643 ft.</p> <p>Discharge piping elevation at valve vault: _____ 639 ft.</p> <p>Force main discharge elevation: _____ ft.</p>										
<p><b>3.</b> Influent sewer elevation: _____ 634.8 ft.</p> <p><b>4.</b> Peak design flow (maximum flow to lift station): <u>135@30FT TD</u> g.p.m.</p>										
<p><b>5.</b> Standby generator requirement:</p> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">None</td> <td style="padding: 2px 10px;"><u>Permanent</u></td> <td style="padding: 2px 10px;"><u>Portable</u></td> <td style="padding: 2px 10px;"><u>None</u></td> <td style="padding: 2px 10px;"><u>Don't Know</u></td> </tr> </table> <p>Standby generator fuel:</p> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">SELECT ONE</td> <td style="padding: 2px 10px;"><u>Diesel</u></td> <td style="padding: 2px 10px;"><u>Natural Gas</u></td> <td style="padding: 2px 10px;"><u>Propane</u></td> </tr> </table>	None	<u>Permanent</u>	<u>Portable</u>	<u>None</u>	<u>Don't Know</u>	SELECT ONE	<u>Diesel</u>	<u>Natural Gas</u>	<u>Propane</u>	
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<p><b>6.</b> Available power supply:</p> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">240V</td> <td style="padding: 2px 10px;"><u>208V</u></td> <td style="padding: 2px 10px;"><u>240V</u></td> <td style="padding: 2px 10px;"><u>480V</u></td> </tr> </table> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">3-phase</td> <td style="padding: 2px 10px;"><u>Single-phase</u></td> <td style="padding: 2px 10px;"><u>3-phase</u></td> </tr> </table> <p>Additional loads on site (besides the lift station) to be powered by generator: _____ KVA</p>	240V	<u>208V</u>	<u>240V</u>	<u>480V</u>	3-phase	<u>Single-phase</u>	<u>3-phase</u>			
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3-phase	<u>Single-phase</u>	<u>3-phase</u>								
<p><b>7.</b> Electrical controls weather protection:</p> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">SELECT ONE</td> <td style="padding: 2px 10px;"><u>Enclosed Building</u></td> <td style="padding: 2px 10px;"><u>Shelter Structure</u></td> <td style="padding: 2px 10px;"><u>None</u></td> </tr> </table> <p>Weather protection structure is for:</p> <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">SELECT ONE</td> <td style="padding: 2px 10px;"><u>Electrical Controls Only</u></td> <td style="padding: 2px 10px;"><u>Electrical Controls &amp; Generator</u></td> <td style="padding: 2px 10px;"><u>Controls, Generator, Chemical Feed</u></td> </tr> </table>	SELECT ONE	<u>Enclosed Building</u>	<u>Shelter Structure</u>	<u>None</u>	SELECT ONE	<u>Electrical Controls Only</u>	<u>Electrical Controls &amp; Generator</u>	<u>Controls, Generator, Chemical Feed</u>		
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