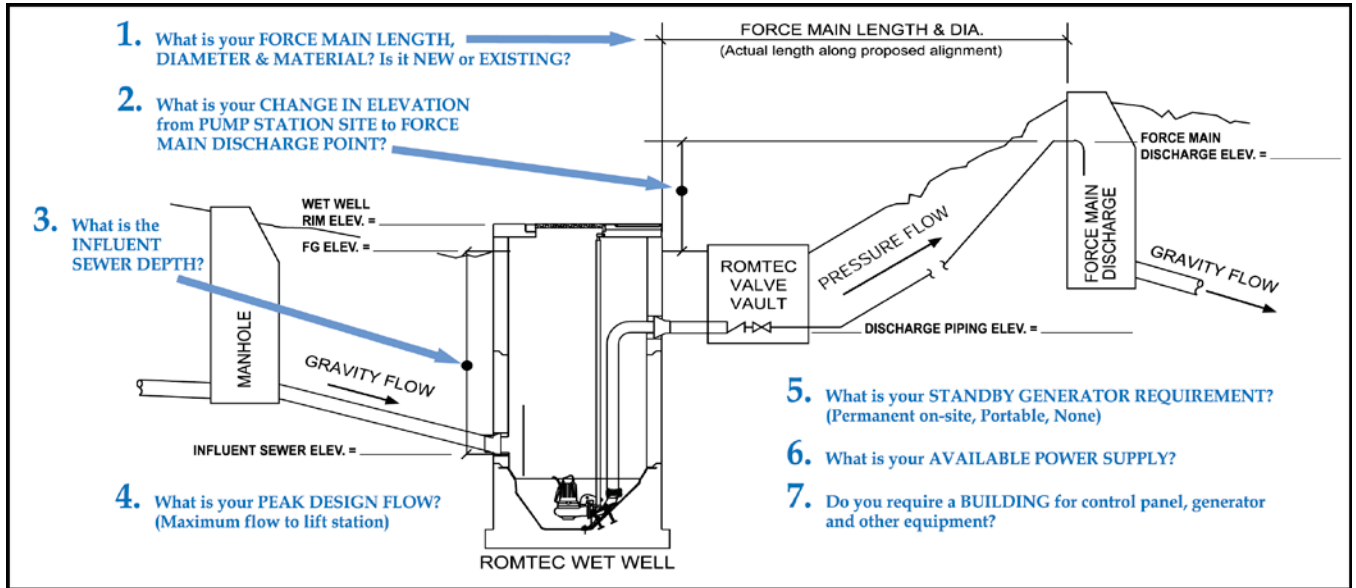


PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	1380 ft. (actual length along proposed alignment)								
Force main diameter (inside):	8" in. inside dia.								
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	PVC C900 CL150								
Force Main is:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 5px;">New</td> <td style="padding: 5px;"><u>New</u></td> <td style="padding: 5px;"><u>Existing</u></td> </tr> </table>	New	<u>New</u>	<u>Existing</u>					
New	<u>New</u>	<u>Existing</u>							
2. Elevation change from lift station site to force main discharge point:	1.7 ft.								
Finish grade elevation at wet well:	1894 ft.								
Discharge piping elevation at valve vault:	1887.5 ft.								
Force main discharge elevation:	1893.66 ft.								
3. Influent sewer elevation:	1883.85 ft.								
4. Peak design flow (maximum flow to lift station):	843 g.p.m.								
5. Standby generator requirement:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Permanent</td> <td style="padding: 5px;"><u>Permanent</u></td> <td style="padding: 5px;"><u>Portable</u></td> <td style="padding: 5px;"><u>None</u></td> <td style="padding: 5px;"><u>Don't Know</u></td> </tr> </table>	Permanent	<u>Permanent</u>	<u>Portable</u>	<u>None</u>	<u>Don't Know</u>			
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Standby generator fuel:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Propane</td> <td style="padding: 5px;"><u>Diesel</u></td> <td style="padding: 5px;"><u>Natural Gas</u></td> <td style="padding: 5px;"><u>Propane</u></td> </tr> </table>	Propane	<u>Diesel</u>	<u>Natural Gas</u>	<u>Propane</u>				
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6. Available power supply:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 5px;">480V</td> <td style="padding: 5px;"><u>208V</u></td> <td style="padding: 5px;"><u>240V</u></td> <td style="padding: 5px;"><u>480V</u></td> </tr> <tr> <td style="padding: 5px;">3-phase</td> <td style="padding: 5px;"><u>Single-phase</u></td> <td style="padding: 5px;"><u>3-phase</u></td> <td></td> </tr> </table>	480V	<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>							
Additional loads on site (besides the lift station) to be powered by generator:	KVA								
7. Electrical controls weather protection:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Enclosed Building</td> <td style="padding: 5px;"><u>Enclosed Building</u></td> <td style="padding: 5px;"><u>Shelter Structure</u></td> <td style="padding: 5px;"><u>None</u></td> </tr> </table>	Enclosed Building	<u>Enclosed Building</u>	<u>Shelter Structure</u>	<u>None</u>				
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Weather protection structure is for:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Electrical Controls Only</td> <td style="padding: 5px;"><u>Electrical Controls Only</u></td> <td style="padding: 5px;"><u>Electrical Controls & Generator</u></td> <td style="padding: 5px;"><u>Controls, Generator, Chemical Feed</u></td> </tr> </table>	Electrical Controls Only	<u>Electrical Controls Only</u>	<u>Electrical Controls & Generator</u>	<u>Controls, Generator, Chemical Feed</u>				
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