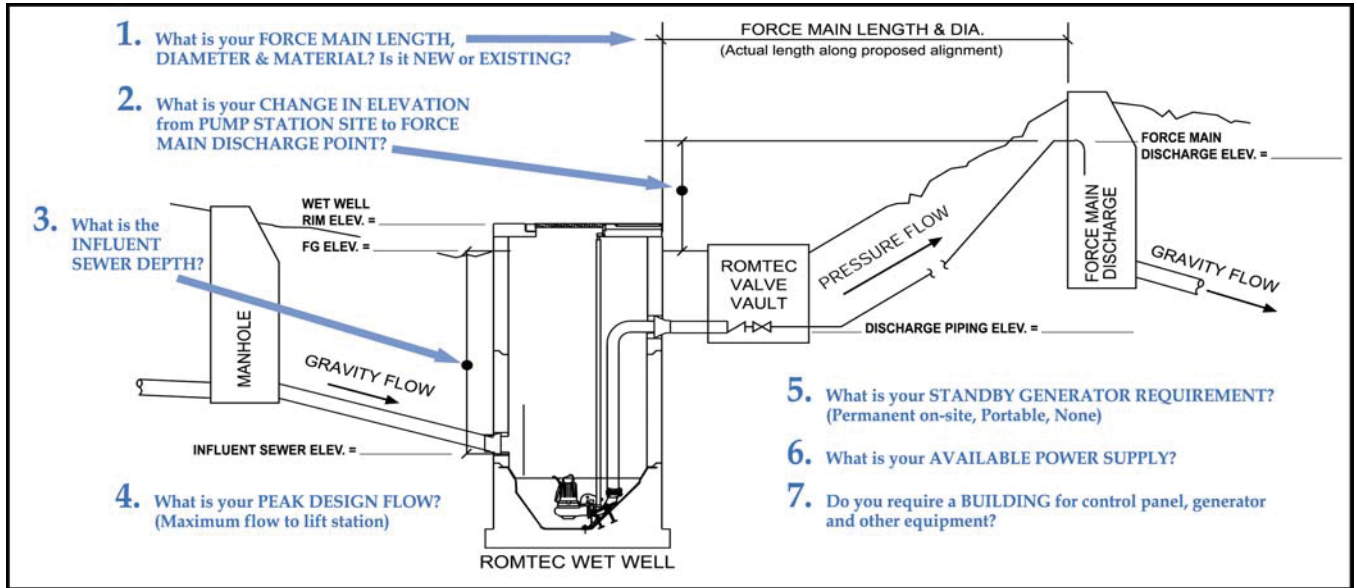


PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>390</u> ft. (actual length along proposed alignment)								
Force main diameter (inside):	<u>24</u> in. inside dia.								
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>PVC</u>								
Force Main is:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <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:	<u>12.11</u> ft.								
Finish grade elevation at wet well:	<u>51</u> ft.								
Discharge piping elevation at valve vault:	<u>45.5</u> ft.								
Force main discharge elevation:	<u>63.11</u> ft.								
3. Influent sewer elevation:	<u>32.5</u> ft.								
4. Peak design flow (maximum flow to lift station):	<u>8496</u> g.p.m. 43 TDH								
5. Standby generator requirement: BY OTHERS	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <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; text-align: center;"> <tr> <td style="padding: 5px;">Diesel</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>	Diesel	<u>Diesel</u>	<u>Natural Gas</u>	<u>Propane</u>				
Diesel	<u>Diesel</u>	<u>Natural Gas</u>	<u>Propane</u>						
6. Available power supply:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <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:	<u> </u> KVA								
7. Electrical controls weather protection:	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">None</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>	None	<u>Enclosed Building</u>	<u>Shelter Structure</u>	<u>None</u>				
None	<u>Enclosed Building</u>	<u>Shelter Structure</u>	<u>None</u>						
Weather protection structure is for: BY OTHERS	<table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <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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