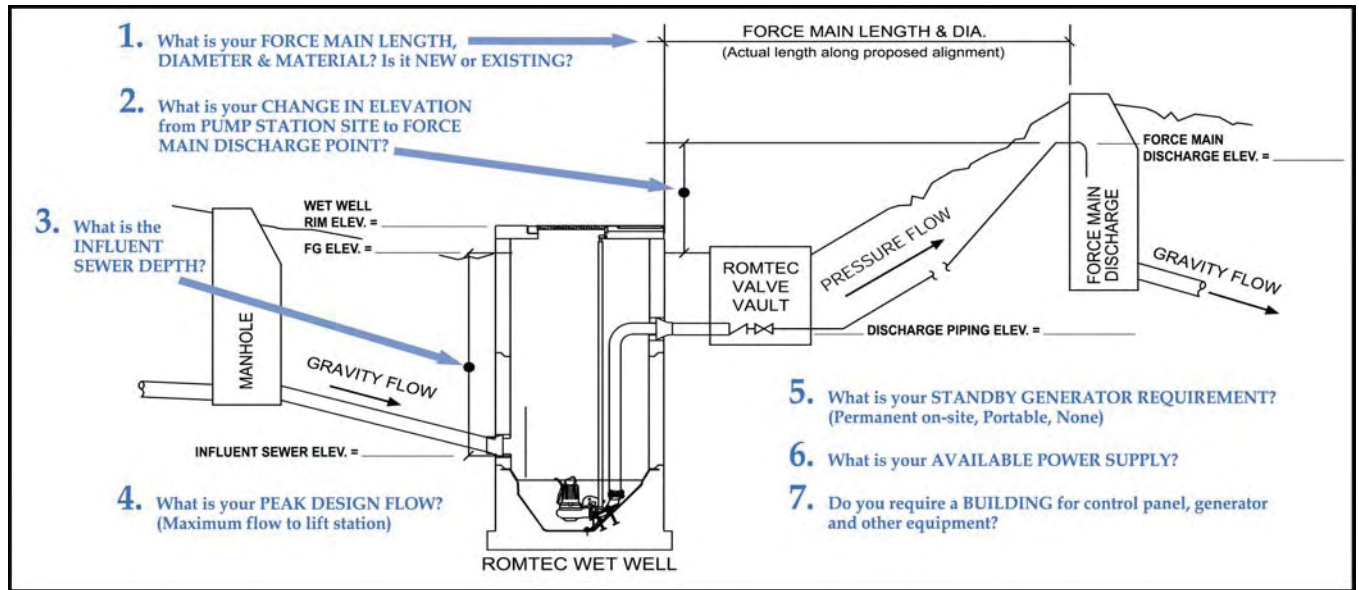


PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>637</u> ft. (actual length along proposed alignment)				
Force main diameter (inside):	<u>3.475</u> in. inside dia.				
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>HDPE SDR17</u>				
Force Main is:	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	<u>New</u>	<u>Existing</u>		
2. Elevation change from lift station site to force main discharge point:	<u>-3.5</u> ft.				
Finish grade elevation at wet well:	<u>348</u> ft.				
Discharge piping elevation at valve vault:	<u>344.5</u> ft.				
Force main discharge elevation:	<u>343</u> ft.				
3. Influent sewer elevation:	<u>337.2</u> ft.				
4. Peak design flow (maximum flow to lift station):	<u>72GPM@28'TDH</u> g.p.m.				
5. Standby generator requirement:	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	<u>Permanent</u>	<u>Portable</u>	<u>None</u>	<u>Don't Know</u>
Standby generator fuel:	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	<u>Diesel</u>	<u>Natural Gas</u>	<u>Propane</u>	
6. Available power supply:	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	<u>208V</u>	<u>240V</u>	<u>480V</u>	
	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	<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:	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	<u>Enclosed Building</u>	<u>Shelter Structure</u>	<u>None</u>	
Weather protection structure is for:	<div style="border: 1px solid black; width: 100px; height: 20px;"></div>	<u>Electrical Controls Only</u>			
		<u>Electrical Controls & Generator</u>			
		<u>Controls, Generator, Chemical Feed</u>			