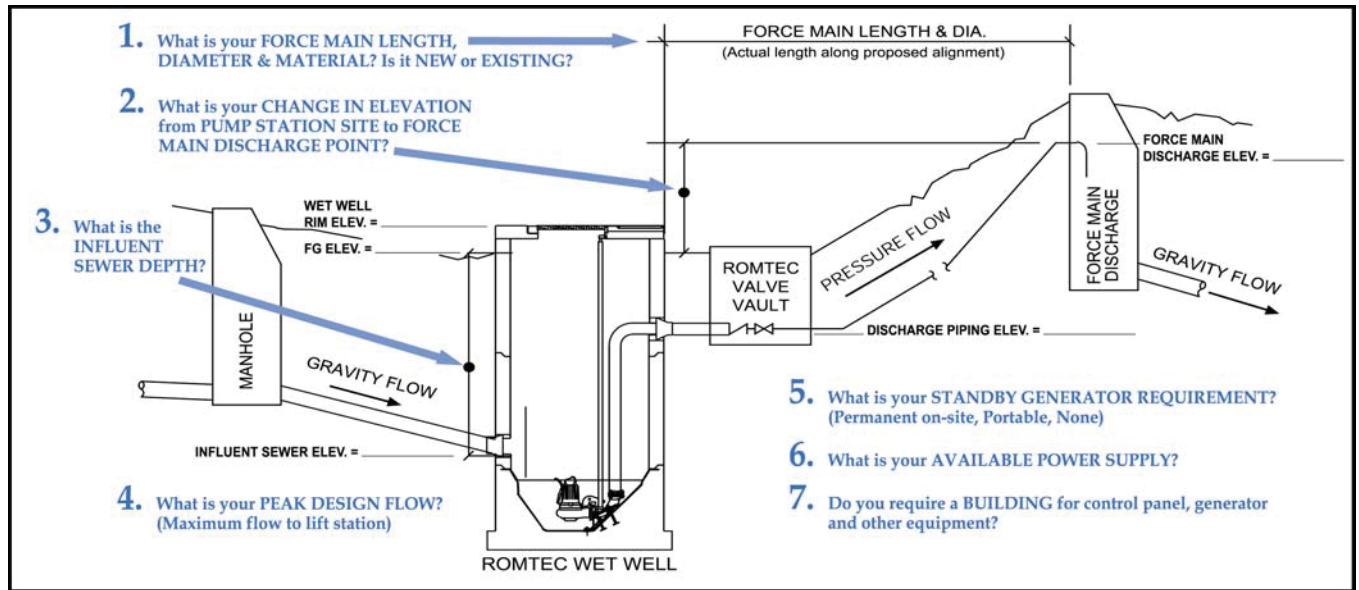


PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>2100 ft.</u> (actual length along proposed alignment)				
Force main diameter (inside):	<u>4.39 in.</u> inside dia.				
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>C900 DR25 CL100</u>				
Force Main is:	<input checked="" type="checkbox"/> <u>New</u>	<input type="checkbox"/> <u>New</u>	<input type="checkbox"/> <u>Existing</u>		
2. Elevation change from lift station site to force main discharge point:	<u>-1.5 ft.</u>				
Finish grade elevation at wet well:	<u>344 ft.</u>				
Discharge piping elevation at valve vault:	<u>340 ft.</u>				
Force main discharge elevation:	<u>338.72 ft.</u>				
3. Influent sewer elevation:	<u>330.7 ft.</u>				
4. Peak design flow (maximum flow to lift station):	<u>110 g.p.m.</u>				
5. Standby generator requirement:	<input checked="" type="checkbox"/> <u>None</u>	<input type="checkbox"/> <u>Permanent</u>	<input type="checkbox"/> <u>Portable</u>	<input type="checkbox"/> <u>None</u>	<input type="checkbox"/> <u>Don't Know</u>
Standby generator fuel:	<input checked="" type="checkbox"/> <u>SELECT ONE</u>	<input type="checkbox"/> <u>Diesel</u>	<input type="checkbox"/> <u>Natural Gas</u>	<input type="checkbox"/> <u>Propane</u>	
6. Available power supply:	<input checked="" type="checkbox"/> <u>240V</u>	<input type="checkbox"/> <u>208V</u>	<input type="checkbox"/> <u>240V</u>	<input type="checkbox"/> <u>480V</u>	
	<input checked="" type="checkbox"/> <u>3-phase</u>	<input type="checkbox"/> <u>Single-phase</u>	<input type="checkbox"/> <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:	<input checked="" type="checkbox"/> <u>None</u>	<input type="checkbox"/> <u>Enclosed Building</u>	<input type="checkbox"/> <u>Shelter Structure</u>	<input type="checkbox"/> <u>None</u>	
Weather protection structure is for:	<input checked="" type="checkbox"/> <u>SELECT ONE</u> <u>Electrical Controls Only</u>				
	<u>Electrical Controls & Generator</u>				
	<u>Controls, Generator, Chemical Feed</u>				