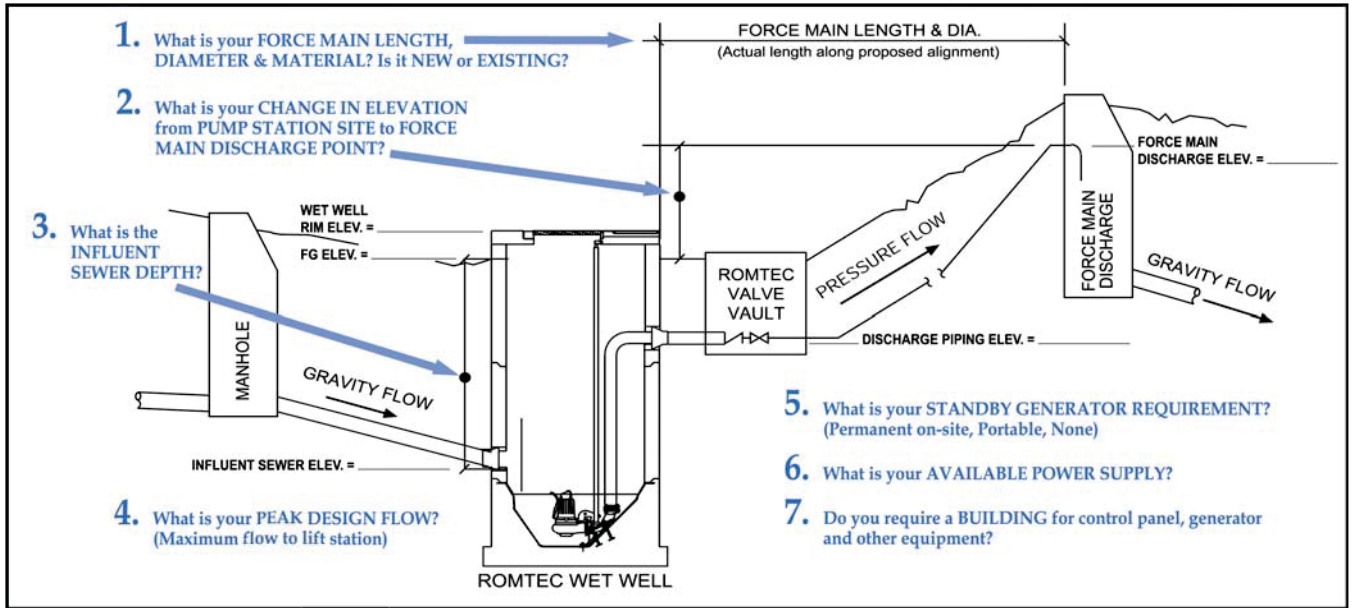


PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>1,910</u> ft. (actual length along proposed alignment)	
Force main diameter (inside):	<u>12.41 ID</u>	in. inside dia.
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>14" HDPE IPS SDR-11</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>-3.82</u> ft.	
Finish grade elevation at wet well:	<u>70</u> ft.	
Discharge piping elevation at valve vault:	<u>65.47</u> ft.	
Force main discharge elevation:	<u>66.18</u> ft.	
3. Influent sewer elevation:	<u>59.26</u> ft.	
4. Peak design flow (maximum flow to lift station):	<u>1585</u>	g.p.m.
5. Standby generator requirement:	<input checked="" type="checkbox"/> <u>Permanent</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>Diesel</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>480V</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>NO</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>	<input type="checkbox"/> <u>Electrical Controls Only</u> <input type="checkbox"/> <u>Electrical Controls & Generator</u>