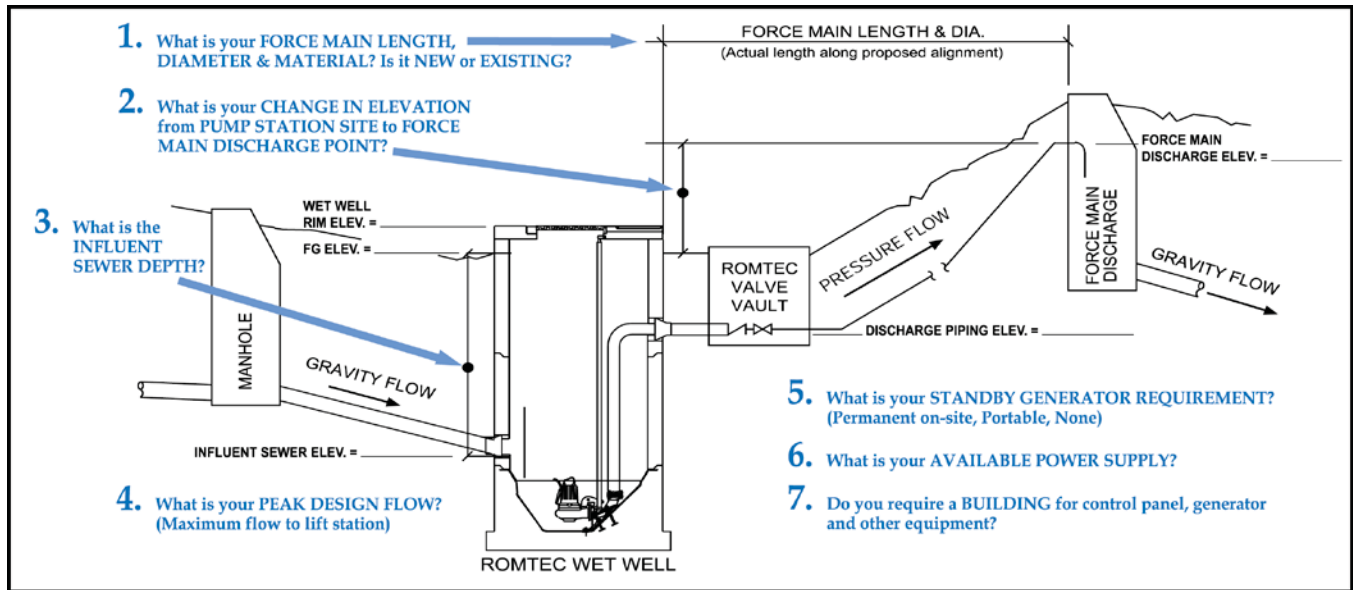


PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>1527 ft.</u> (actual length along proposed alignment)				
Force main diameter (inside):	<u>6 in.</u> inside dia.				
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>PVC-C-900 CL-150</u>				
Force Main is:	<input checked="" type="checkbox"/> New	<input type="checkbox"/> New	<input type="checkbox"/> Existing		
2. Elevation change from lift station site to force main discharge point:	<u>20.2 ft.</u>				
Finish grade elevation at wet well:	<u>1306.34 ft.</u>				
Discharge piping elevation at valve vault:	<u>1301.5 ft.</u>				
Force main discharge elevation:	<u>1326.53 ft.</u>				
3. Influent sewer elevation:	<u>1287.11 ft.</u>				
4. Peak design flow (maximum flow to lift station):	<u>262 g.p.m.</u>				
5. Standby generator requirement:	<input checked="" type="checkbox"/> Permanent	<input type="checkbox"/> Permanent	<input type="checkbox"/> Portable	<input type="checkbox"/> None	<input type="checkbox"/> Don't Know
Standby generator fuel:	<input checked="" type="checkbox"/> Diesel	<input type="checkbox"/> Diesel	<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Propane	
6. Available power supply:	<input checked="" type="checkbox"/> 208V	<input type="checkbox"/> 208V	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V	
	<input checked="" type="checkbox"/> 3-phase	<input type="checkbox"/> Single-phase	<input type="checkbox"/> 3-phase		
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"/> None	<input type="checkbox"/> Enclosed Building	<input type="checkbox"/> Shelter Structure	<input type="checkbox"/> None	
Weather protection structure is for:	<input checked="" type="checkbox"/> Electrical Controls Only		<input type="checkbox"/> Electrical Controls Only		
Need a waterproof outdoor control panel mounted to an exterior block wall			<input type="checkbox"/> Electrical Controls & Generator Controls, Generator, Chemical Feed		