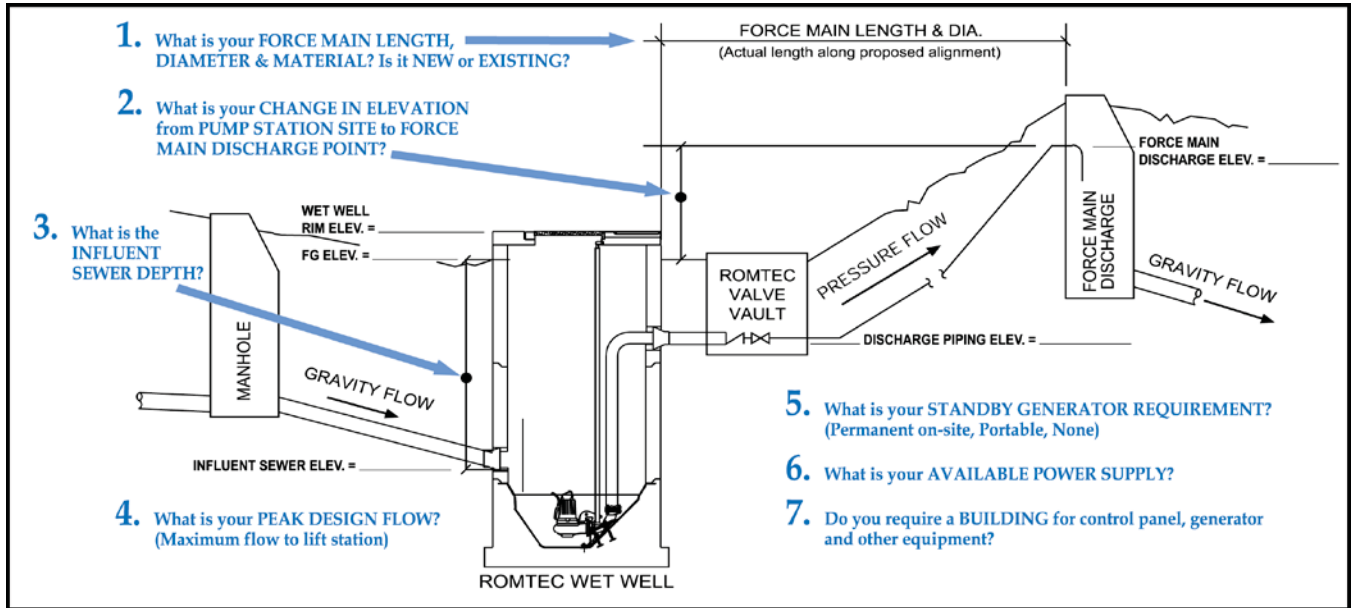


4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1.	Force main length:	<u>292</u> ft.	(actual length along proposed alignment)	
	Force main diameter (inside):	<u>3</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:	<input checked="" type="checkbox"/>	<u>New</u>	<input type="checkbox"/> <u>Existing</u>
2.	Elevation change from lift station site to force main discharge point:	<u>-1.21</u> ft.		
	Finish grade elevation at wet well:	<u>141.32</u> ft.		
	Discharge piping elevation at valve vault:	<u>138.32</u> ft.		
	Force main discharge elevation:	<u>140.11</u> ft.		
3.	Influent sewer elevation:	<u>134.17</u> ft.		
4.	Peak design inflow (maximum flow to lift station):	<u>50</u> g.p.m.	<u>@ 14.4 TDH</u>	
5.	Standby generator requirement:	<input checked="" type="checkbox"/> <u>None</u>	<input type="checkbox"/> <u>Permanent</u>	<input type="checkbox"/> <u>Portable</u>
	Standby generator fuel:	<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 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	