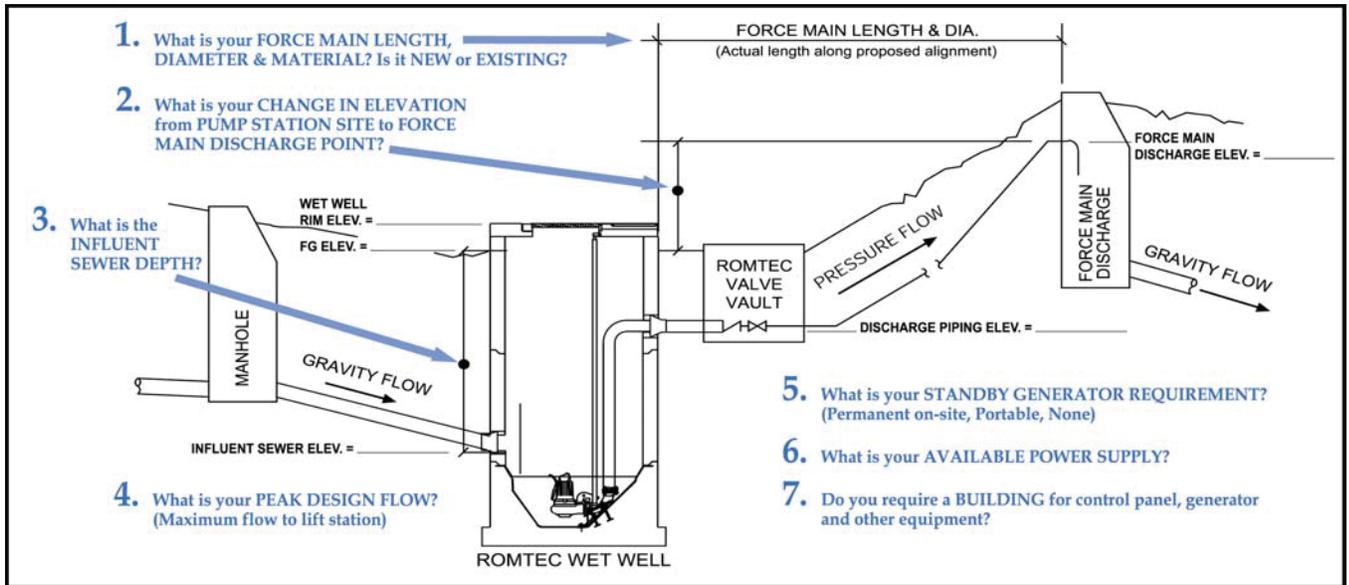


PART 2: DESIGN DATA

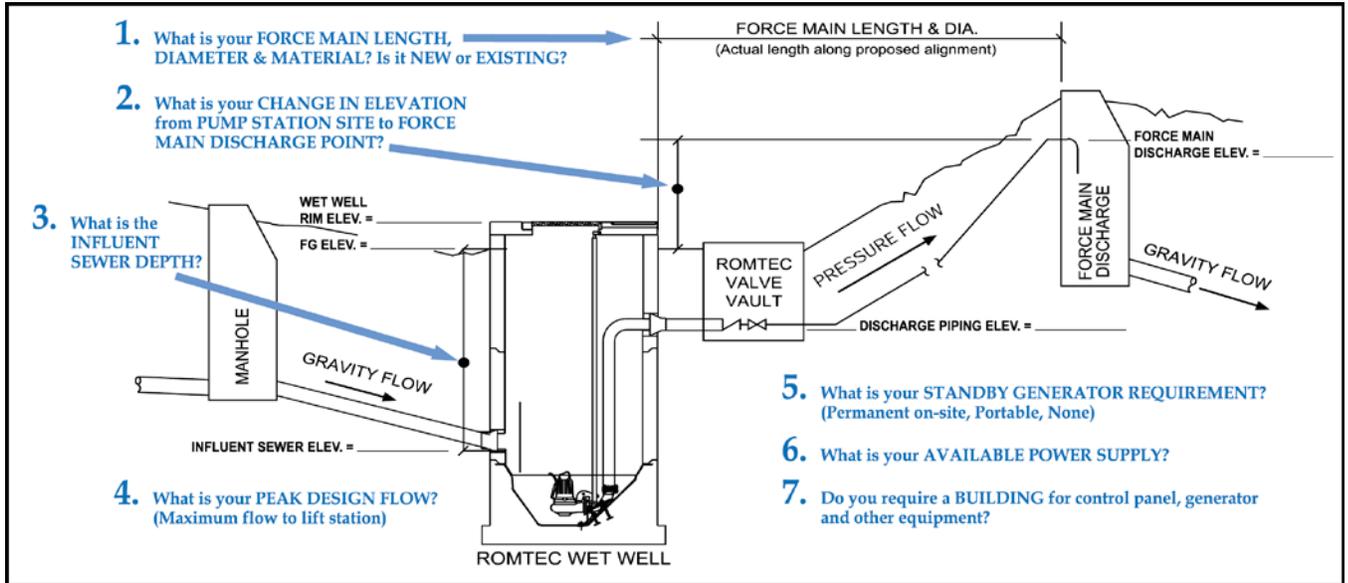
If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>1200</u> ft. (actual length along proposed alignment)			
Force main diameter (inside):	<u>14.956</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 SDR 32.5</u>			
Force Main is:	<input type="checkbox"/>	<u>New</u>	<u>Existing</u>	
2. Elevation change from lift station site to force main discharge point:	<u>-7.4</u> ft.			
Finish grade elevation at wet well:	<u>6056.2</u> ft.			
Discharge piping elevation at valve vault:	<u>6048.8</u> ft.			
Force main discharge elevation:	<u>6048.8</u> ft.			
3. Influent sewer elevation:	<u>6041.83</u> ft.			
4. Peak design flow (maximum flow to lift station):	<u>4000</u> g.p.m. @ 25' TDH			
5. Standby generator requirement:	<input type="checkbox"/> None	<u>Permanent</u>	<u>Portable</u>	<u>None</u> <u>Don't Know</u>
Standby generator fuel:	<input type="checkbox"/> SELECT ONE	<u>Diesel</u>	<u>Natural Gas</u>	<u>Propane</u>
6. Available power supply:	<input type="checkbox"/> 480V	<u>208V</u>	<u>240V</u>	<u>480V</u>
	<input type="checkbox"/> 3-phase	<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:	<input type="checkbox"/> None	<u>Enclosed Building</u>	<u>Shelter Structure</u>	<u>None</u>
Weather protection structure is for:	<input type="checkbox"/> SELECT ONE	<u>Electrical Controls Only</u>		
		<u>Electrical Controls & Generator</u>		
		<u>Controls, Generator, Chemical Feed</u>		

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 250 ft. (actual length along proposed alignment)

Force main diameter (inside): 6.193 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): HDPE SRD 32.5

Force Main is: New Existing

2. Elevation change from lift station site to force main discharge point: -6 ft.

Finish grade elevation at wet well: 6056.5 ft.

Discharge piping elevation at valve vault: 6050.5 ft.

Force main discharge elevation: 6050.5 ft.

3. Influent sewer elevation: 6045.22 ft.

4. Peak design flow (maximum flow to lift station): 650 g.p.m. @ 24' TDH

5. Standby generator requirement: None Permanent Portable None Don't Know

Standby generator fuel: SELECT ONE Diesel Natural Gas Propane

6. Available power supply: 480V 208V 240V 480V

3-phase Single-phase 3-phase

Additional loads on site (besides the lift station) to be powered by generator: _____ KVA

7. Electrical controls weather protection: None Enclosed Building Shelter Structure None

Weather protection structure is for: SELECT ONE Electrical Controls Only

Electrical Controls & Generator

Controls, Generator, Chemical Feed