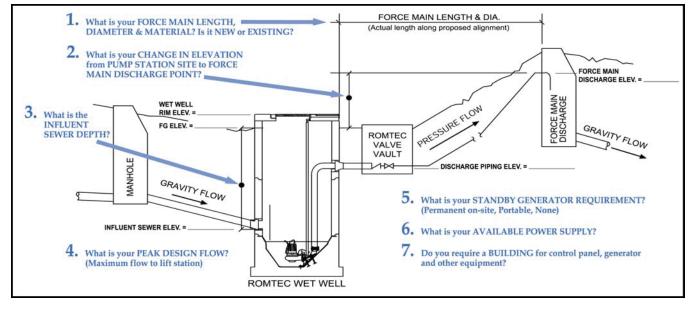
## PART 2: DESIGN DATA



**1.** Force main length:

6517 ft. (actual length along proposed alignment)

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

4" HDPE SRD11

3.633 in. inside dia.

	•					
	Force Main is:		New	Existing		
2.	Elevation change from lift station site to force main discharge point:	6.6	ft.			
	Finish grade elevation at wet well:	4896.4	ft.			
	Discharge piping elevation at valve vault:	4893.9	ft.			
	Force main discharge elevation:	4889.71	ft.			
3.		4891.22	ft. & 4889.64			
4.	Peak design flow (maximum flow to lift station):	50 g.p.m.				
5.	Standby generator requirement:	None	<u>Permanent</u>	Portable	None	Don't Know
	Standby generator fuel:	SELECT ONE	<u>Diesel</u>	Natural Gas	<u>Propane</u>	
6.	Available power supply:	208V	<u>208V</u>	<u>240V</u>	<u>480V</u>	
		3-phase	Single-phase	<u>3-phase</u>		
	Additional loads on site (besides the lift station) to be powered by generator:	N/A	KVA			
7.	Electrical controls weather protection:	None	Enclosed Building	<u>Shelter</u> Structure	<u>None</u>	
	Weather protection structure is for:			Electrical Contr	<u>ols Only</u>	
		Electrical Controls & Generator				
		Controls Consister Chamical Food				

Controls, Generator, Chemical Feed