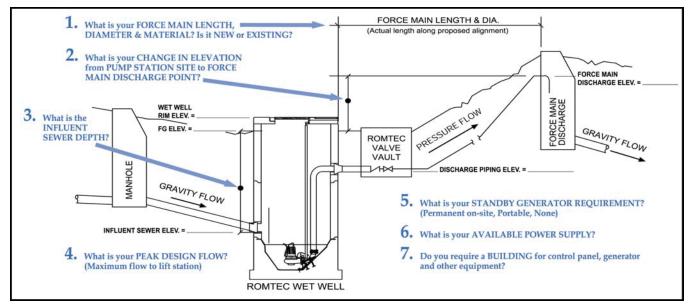
PART 2: DESIGN DATA



1. Force main length:

3060 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.):

ASTM D-2241 CL200

5.85 in. inside dia.

	Force Main is:	New	<u>New</u>	Existing		
2.	Elevation change from lift station site to force main discharge point:	51	ft.			
	Finish grade elevation at wet well:	330				
	Discharge piping elevation at valve vault:	324.4	ft.			
	Force main discharge elevation:	381	ft.			
3.	Influent sewer elevation: Peak design flow	2 @ 319.46	ft.			
4.	(maximum flow to lift station):	231@88 TDH g.p.mcurrent 415gpm@117 future				
5.	Standby generator requirement:	Permanent	<u>Permanent</u>	<u>Portable</u>	<u>None</u>	Don't Know
	Standby generator fuel:	Diesel	Diesel	Natural Gas	<u>Propane</u>	
6 .	Available power supply:	480V	<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: KVA					
7.	Electrical controls weather protection:	Shelter Structure	<u>Enclosed</u> Building	<u>Shelter</u> Structure	<u>None</u>	
	Weather protection structure is for:	Electrical Controls Only		Electrical Controls Only		
		Electrical Controls & Generator				

Controls, Generator, Chemical Feed