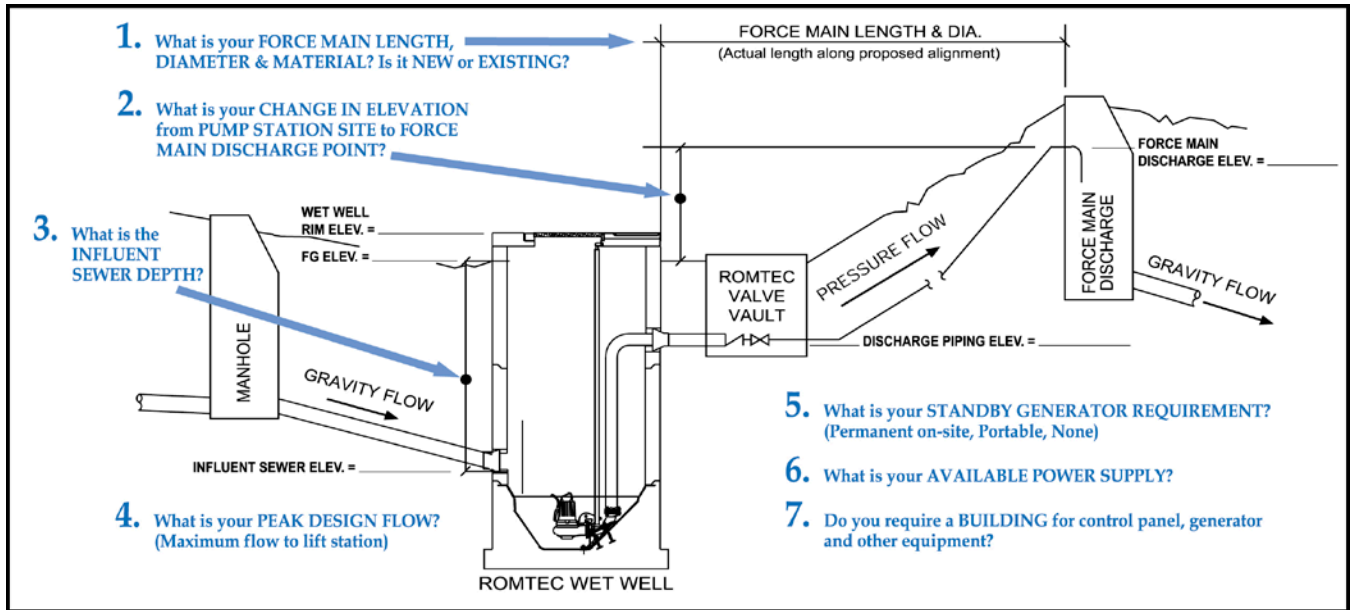




## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



**1.** Force main length: 3254 ft. (actual length along proposed alignment)

Force main diameter (inside): 3.876 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): PE4710 HDPE SDR11 DIPS

Force Main is: 

New	<u>New</u>	<u>Existing</u>
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**2.** Elevation change from lift station site to force main discharge point: 101.36 ft.

Finish grade elevation at wet well: 68 ft.

Discharge piping elevation at valve vault: 64 ft.

Force main discharge elevation: 169.36 ft.

**3.** Influent sewer elevation: 64 ft.

**4.** Design peak inflow (maximum flow to lift station): 87 g.p.m. @ 158.8 TDH

**5.** Standby generator requirement: 

Permanent	<u>Permanent</u>	<u>Portable</u>	<u>None</u>	<u>Don't Know</u>
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Standby generator fuel: 

Diesel	<u>Diesel</u>	<u>Natural Gas</u>	<u>Propane</u>
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**6.** Available power supply: 

480V	<u>208V</u>	<u>240V</u>	<u>480V</u>
3-phase	<u>Single-phase</u>	<u>3-phase</u>	

Additional loads on site (besides the lift station) to be powered by generator: 0 KVA

**7.** Electrical controls weather protection: 

Enclosed Building	<u>Enclosed Building</u>	<u>Shelter Structure</u>	<u>None</u>
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Weather protection structure is for: 

Controls, Generator, Chemical Feed	<u>Electrical Controls Only</u>
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Electrical Controls & Generator

Controls, Generator, Chemical Feed