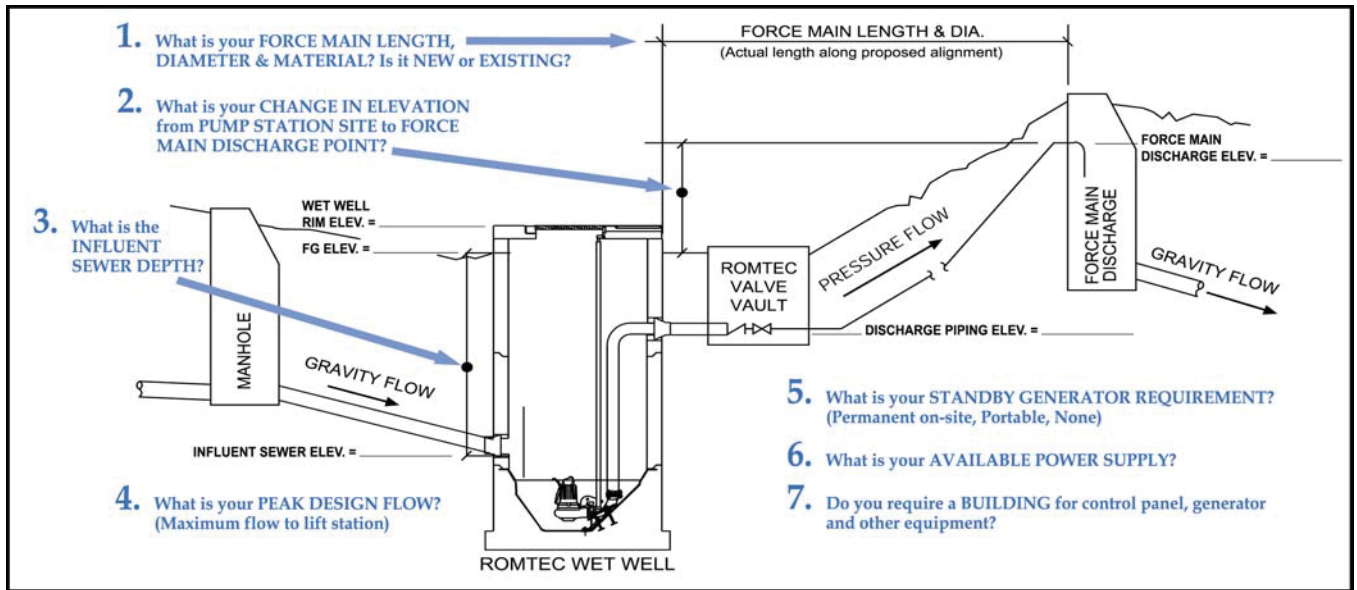


## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



**1.** Force main length: 3190 ft. (actual length along proposed alignment)

Force main diameter (inside): 3 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): HDPE DR 11

Force Main is:  New  Existing

**2.** Elevation change from lift station site to force main discharge point: 56.5 ft.

Finish grade elevation at wet well: 59 ft.

Discharge piping elevation at valve vault: 56.25 ft.

Force main discharge elevation: 81.8 ft.

**3.** Influent sewer elevation: 56 ft.

**4.** Peak design flow (maximum flow to lift station): 60@132' TDH g.p.m.

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

Standby generator fuel:  Diesel  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:  Enclosed Building  Enclosed Building  Shelter Structure  None

Weather protection structure is for:  Electrical Controls & Generator  Electrical Controls Only

Electrical Controls & Generator  
Controls, Generator, Chemical Feed