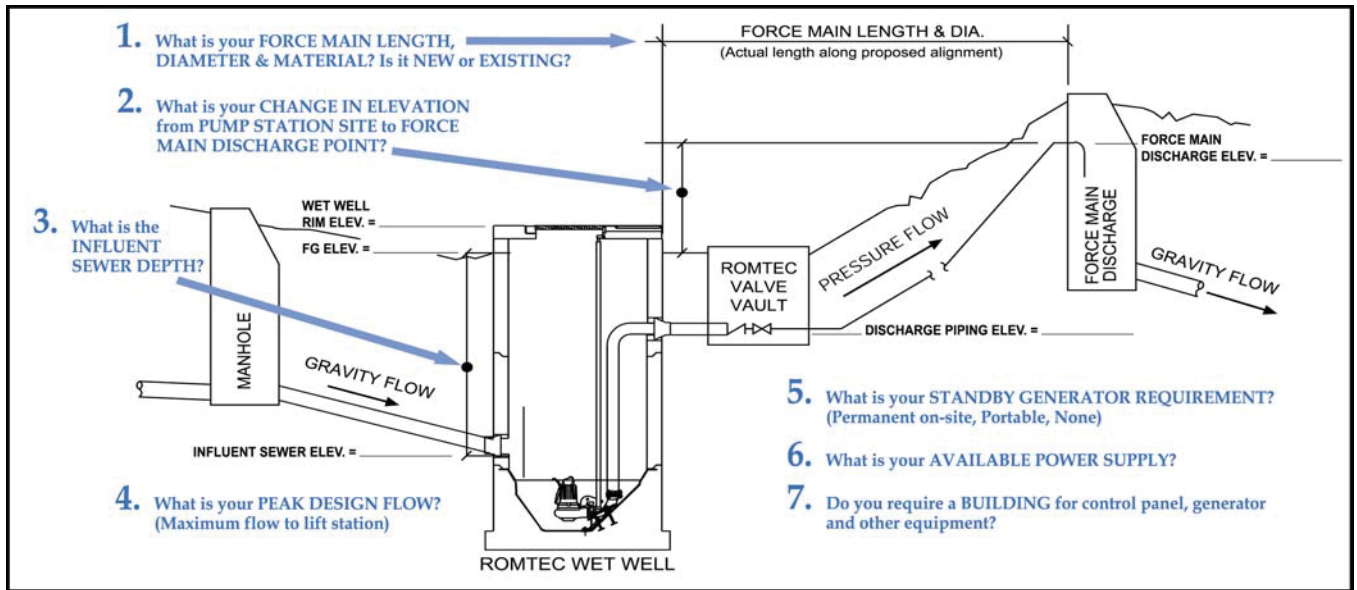


## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



**1.** Force main length: 82 ft. (actual length along proposed alignment)

Force main diameter (inside): 6 in. inside dia.

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

Force Main is:  New  Existing

**2.** Elevation change from lift station site to force main discharge point: -0.9 ft.

Finish grade elevation at wet well: 30.17 ft. NOTE: WE DO NOT KNOW THE DUTY POINT.

Discharge piping elevation at valve vault: 29.27 ft. IMPELLER AND PUMPS HAVE BEEN SPECIFIED

Force main discharge elevation: 28.28 ft.

**3.** Influent sewer elevation: 93 ft.

**4.** Peak design flow (maximum flow to lift station): 100 g.p.m.

**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