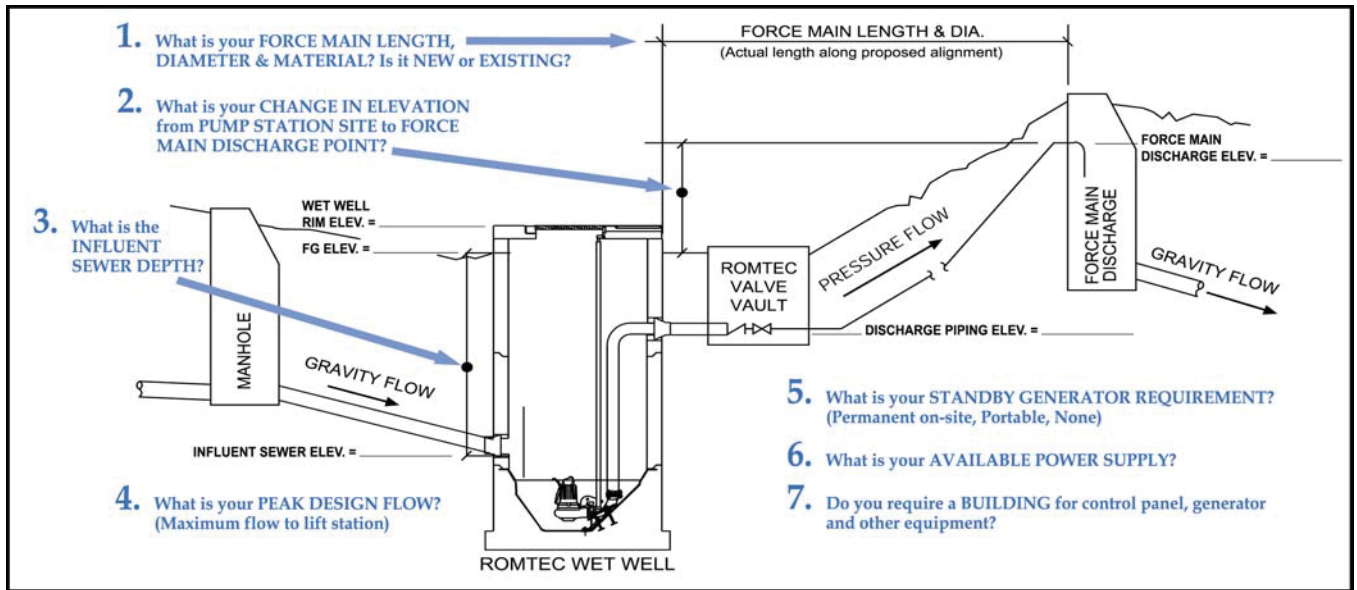


## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



**1.** Force main length: 7330 ft. (actual length along proposed alignment)

Force main diameter (inside): 8 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      New      Existing

**2.** Elevation change from lift station site to force main discharge point: 70.3 ft.

Finish grade elevation at wet well: 1080.67 ft.

Discharge piping elevation at valve vault: 1075.92 ft.

Force main discharge elevation: 1034 ft.

**3.** Influent sewer elevation: 1071.54 ft.

**4.** Peak design flow (maximum flow to lift station): 300 g.p.m. @ 143' TDH

**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:  SELECT ONE      Enclosed Building      Shelter Structure      None

Weather protection structure is for:  SELECT ONE      Electrical Controls Only

Electrical Controls & Generator

Controls, Generator, Chemical Feed