

## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



**1.** Force main length: \_\_\_\_\_ 20 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: \_\_\_\_\_ -6 ft.

Finish grade elevation at wet well: \_\_\_\_\_ 4323.65 ft.

Discharge piping elevation at valve vault: \_\_\_\_\_ 4317.4 ft.

Force main discharge elevation: \_\_\_\_\_ 4317.6 ft.

**3.** Influent sewer elevation: \_\_\_\_\_ 4308.5 ft.

**4.** Peak design flow (maximum flow to lift station): \_\_\_\_\_ 100 g.p.m. FUTURE FLOW OF 800 GPM

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

Standby generator fuel:  SELECT ONE       Diesel       Natural Gas       Propane

**6.** Available power supply:  240V       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