

## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: \_\_\_\_\_ 150 ft. (actual length along proposed alignment)

Force main diameter (inside): \_\_\_\_\_ 4.23 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: \_\_\_\_\_ 0.7 ft.

Finish grade elevation at wet well: \_\_\_\_\_ 21 ft.

Discharge piping elevation at valve vault: \_\_\_\_\_ 18 ft.

Force main discharge elevation: \_\_\_\_\_ 21.7 ft.

3. Influent sewer elevation: \_\_\_\_\_ 14.16 ft.

4. Peak design flow (maximum flow to lift station): \_\_\_\_\_ 450 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:  SELECT ONE  Enclosed Building  Shelter Structure  None

Weather protection structure is for:  SELECT ONE  Electrical Controls Only

Electrical Controls & Generator

Controls, Generator, Chemical Feed