

## PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



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

Force main diameter (inside): ? \_\_\_\_\_ in. inside dia.

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

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Force Main is:  New  Existing

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

Finish grade elevation at wet well: \_\_\_\_\_ 183 M.

Discharge piping elevation at valve vault: \_\_\_\_\_ 182.05 M.

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

**3.** Influent sewer elevation: \_\_\_\_\_ 181.08 M.

**4.** Peak design flow (maximum flow to lift station): 100@24.9 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:  \_\_\_\_\_ Electrical Controls Only

Electrical Controls & Generator

Controls, Generator, Chemical Feed