

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: _____ 190 ft. (actual length along proposed alignment)

Force main diameter (inside): _____ 3 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): _____ SCH40 COATED

Force Main is: New Existing

2. Elevation change from lift station site to force main discharge point: _____ 8 ft.

Finish grade elevation at wet well: _____ 1038 ft.

Discharge piping elevation at valve vault: _____ 1035.7 ft.

Force main discharge elevation: _____ 1046 ft.

3. Influent sewer elevation: _____ 1033 ft.

4. Peak design flow (maximum flow to lift station): _____ 3 g.p.m.

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

Standby generator fuel: Diesel 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: _____ NONE _____ 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