

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 6517 ft. (actual length along proposed alignment)

Force main diameter (inside): 3.633 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): 4" HDPE SRD11

Force Main is: New Existing

2. Elevation change from lift station site to force main discharge point: 6.6 ft.

Finish grade elevation at wet well: 4896.4 ft.

Discharge piping elevation at valve vault: 4893.9 ft.

Force main discharge elevation: 4889.71 ft.

3. Influent sewer elevation: 4891.22 ft. & 4889.64

4. Peak design flow (maximum flow to lift station): 50 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: 208V 208V 240V 480V

3-phase Single-phase 3-phase

Additional loads on site (besides the lift station) to be powered by generator: N/A 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