

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 1760 ft. (actual length along proposed alignment)

Force main diameter (inside): 6.08 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): PVC C900 CL150

Force Main is: New Existing

2. Elevation change from lift station site to force main discharge point: 12.7 ft.

Finish grade elevation at wet well: 29.3 ft.

Discharge piping elevation at valve vault: 26 ft.

Force main discharge elevation: 42 ft.

3. Influent sewer elevation: 23.17 ft.

4. Peak design flow (maximum flow to lift station): 220 g.p.m. @ 36' TDH

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: None Enclosed Building Shelter Structure None

Weather protection structure is for: SELECT ONE Electrical Controls Only

Electrical Controls & Generator

Controls, Generator, Chemical Feed