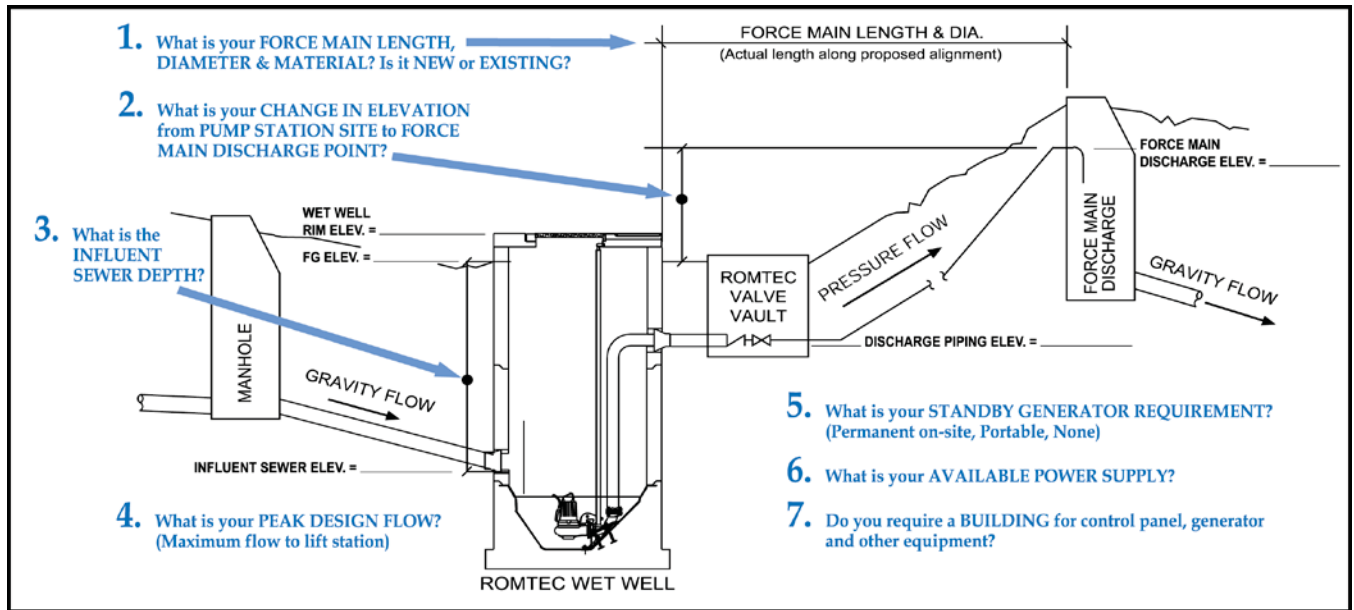


4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 3000 ft. (equivalent pipe length with bends)

Force main diameter (inside): 6.3 in. inside dia.

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

Force Main is: Existing New Existing

2. Elevation change from lift station site to force main discharge point: 57.7 ft.

Finish grade elevation at wet well: 674 ft.

Discharge piping elevation: 670 ft.

Force main discharge elevation: 731.7 ft.

3. Influent sewer elevation: 652.44 ft.

4. Design peak inflow (maximum flow to lift station): 375 g.p.m.

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

Standby generator fuel: Diesel 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