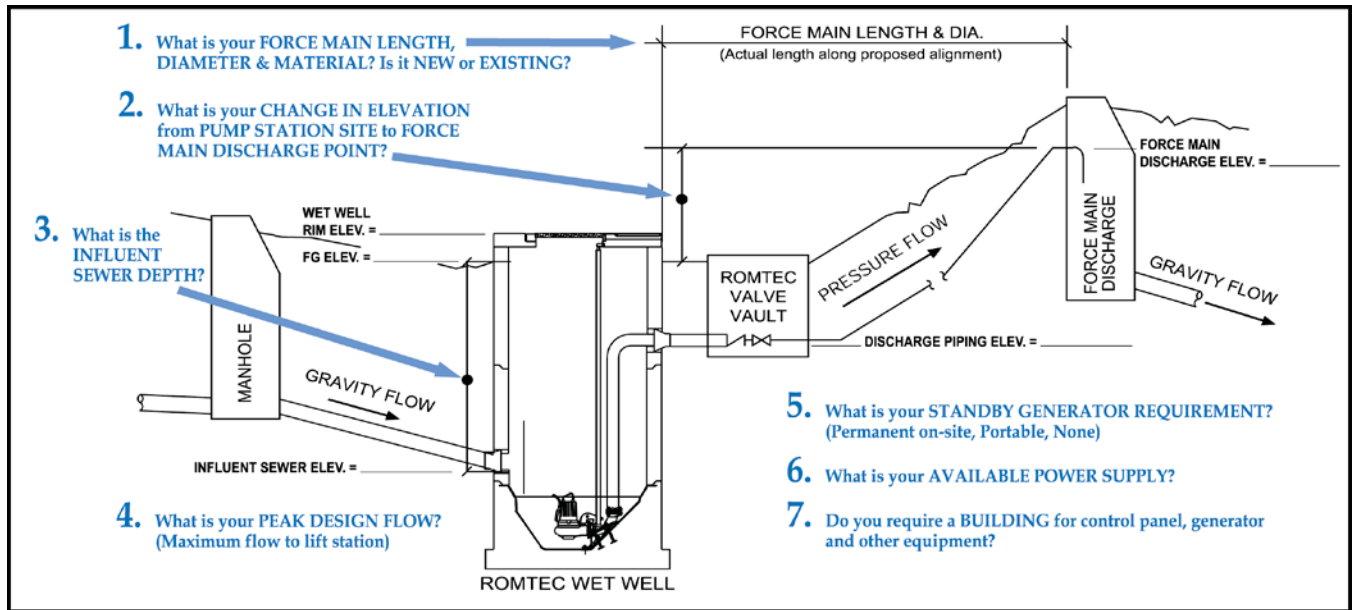


## 4.02 LIFT STATION DESIGN CRITERIA FORM

### PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 2050 ft. (equivalent pipe length with bends)

Force main diameter (inside): 4 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): HDPE 11

Force Main is:  New      New      Existing

2. Elevation change from lift station site to force main discharge point: 20.22 ft.

Finish grade elevation at wet well: 886.8 ft.

Discharge piping elevation: 880 ft.

Force main discharge elevation: 907.02 ft.

3. Influent sewer elevation: 876.69 ft.

4. Design peak inflow (maximum flow to lift station): 23 g.p.m.

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

Standby generator fuel:  Natural Gas      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