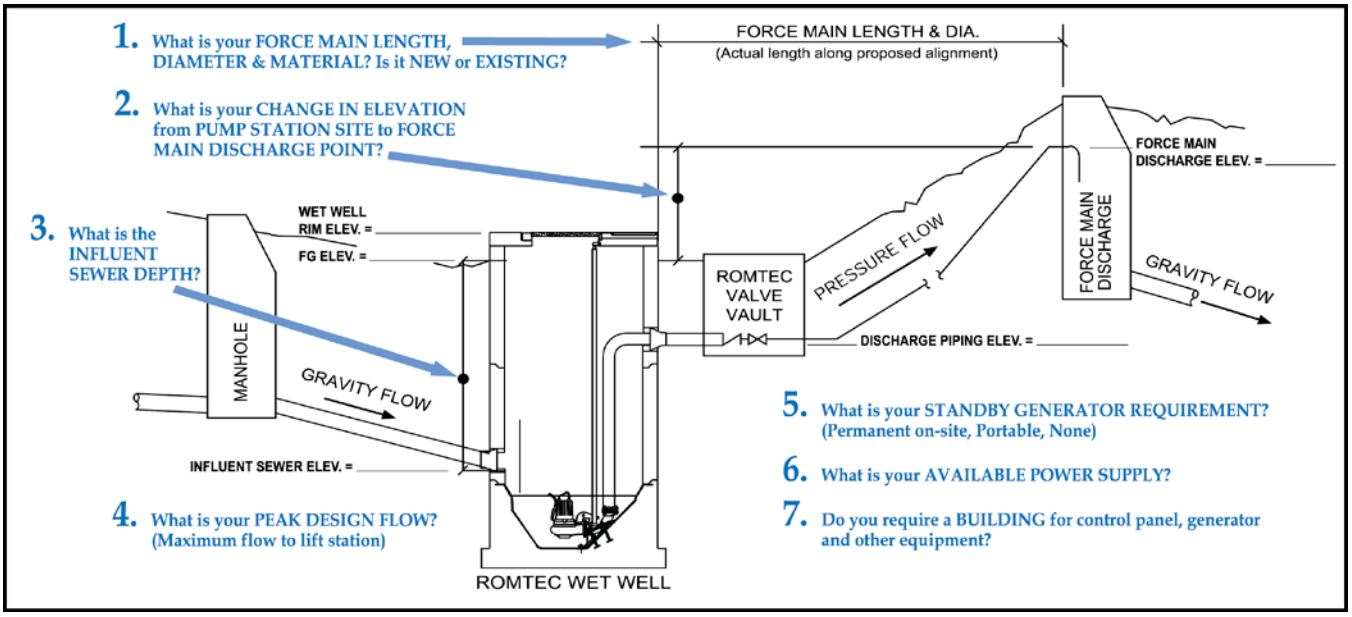
4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 135 & 1175 ft. (equivalent pipe length with bends)

Force main diameter (inside): 3.64 & 18 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): HDPE SDR 11 C150 & DI 52

Force Main is: [ ] New Existing [ ] Both

2. Elevation change from lift station site to force main discharge point: 9.9 ft.

Finish grade elevation at wet well: 340.2 ft.

Discharge piping elevation: 331 ft.

Force main discharge elevation: 331.56 ft.

3. Influent sewer elevation: 322.16 ft.

4. Design peak inflow (maximum flow to lift station): 85.1 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