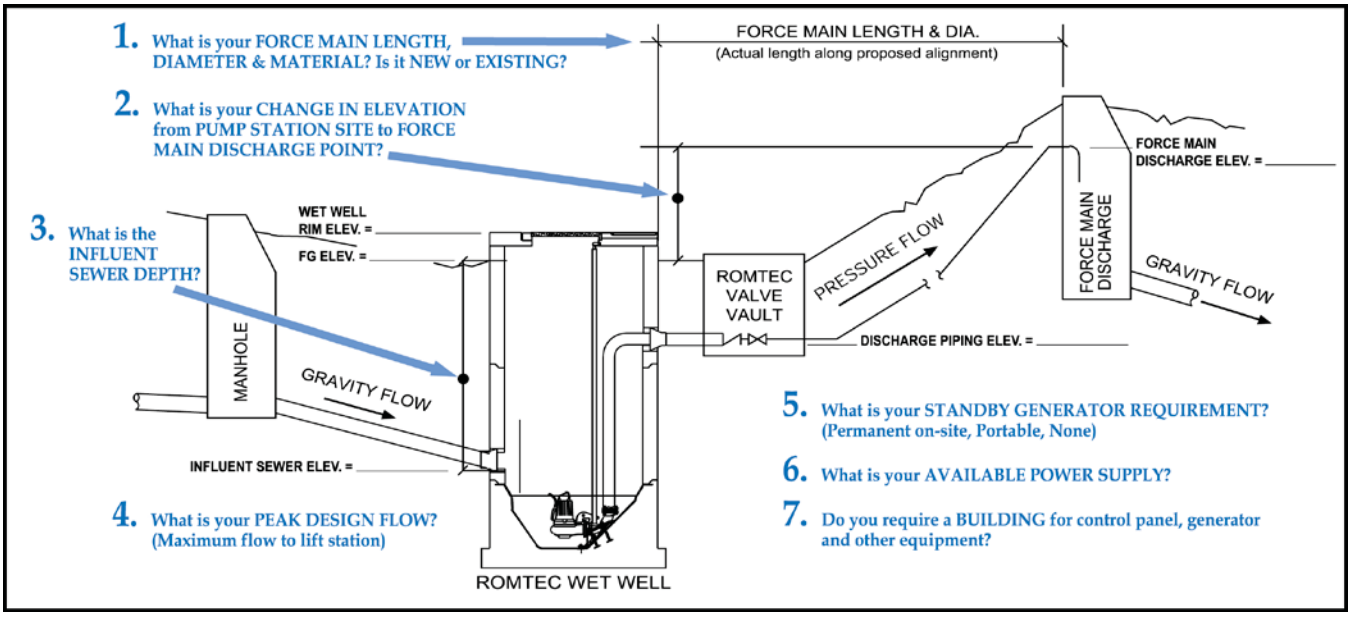
4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 32.5 ft. (equivalent pipe length with bends)

Force main diameter (inside): 6 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: 10.27 ft.

Finish grade elevation at wet well: 237.07 ft.

Discharge piping elevation: 231.27 ft.

Force main discharge elevation: 241 ft.

3. Influent sewer elevation: 227.07 ft.

4. Design peak inflow (maximum flow to lift station): 254 g.p.m. @ 49.5 ft TDH

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