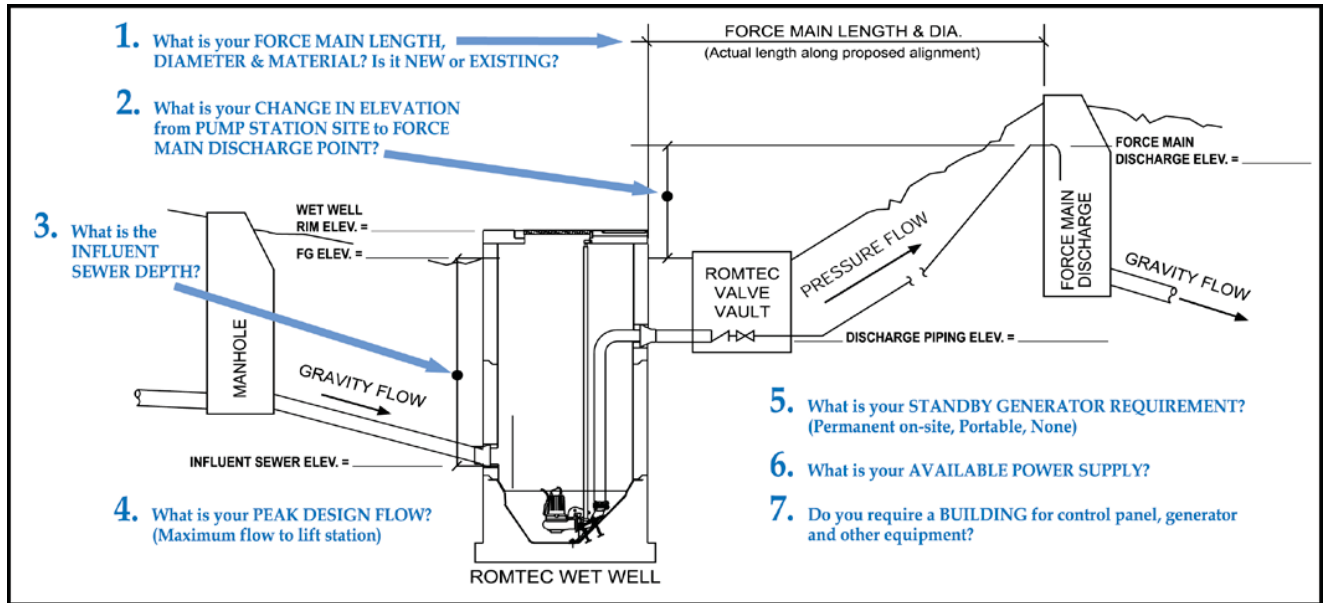


## 4.02 LIFT STATION DESIGN CRITERIA FORM

### PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



**1.** Force main length: \_\_\_\_\_ ft. (actual length along proposed alignment)  
 Force main diameter (inside): 3" in. inside dia.  
 Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): PE DR 9.0 PRESS.

---

Force Main is:  New       New       Existing

**2.** Elevation change from lift station site to force main discharge point: \_\_\_\_\_ -3.3 ft.  
 Finish grade elevation at wet well: \_\_\_\_\_ 3813.23 ft.  
 Discharge piping elevation: \_\_\_\_\_ 3809.98 ft.  
 Force main discharge elevation: \_\_\_\_\_ 3805.35 ft.

**3.** Influent sewer elevation: \_\_\_\_\_ 3806.55 ft.

**4.** Peak design flow (maximum flow to lift station): \_\_\_\_\_ 83 g.p.m. @ 15.6 ft. TDH

**5.** Standby generator requirement (By Others):  Permanent       Permanent       Portable       None       Don't Know

Standby generator fuel:  Diesel       Diesel       Natural Gas       Propane

**6.** Available power supply:  115V       115V       240V       480V

Single-phase       Single-phase       3-phase

Additional loads on site (besides the lift station) to be powered by generator: \_\_\_\_\_ 219 KVA