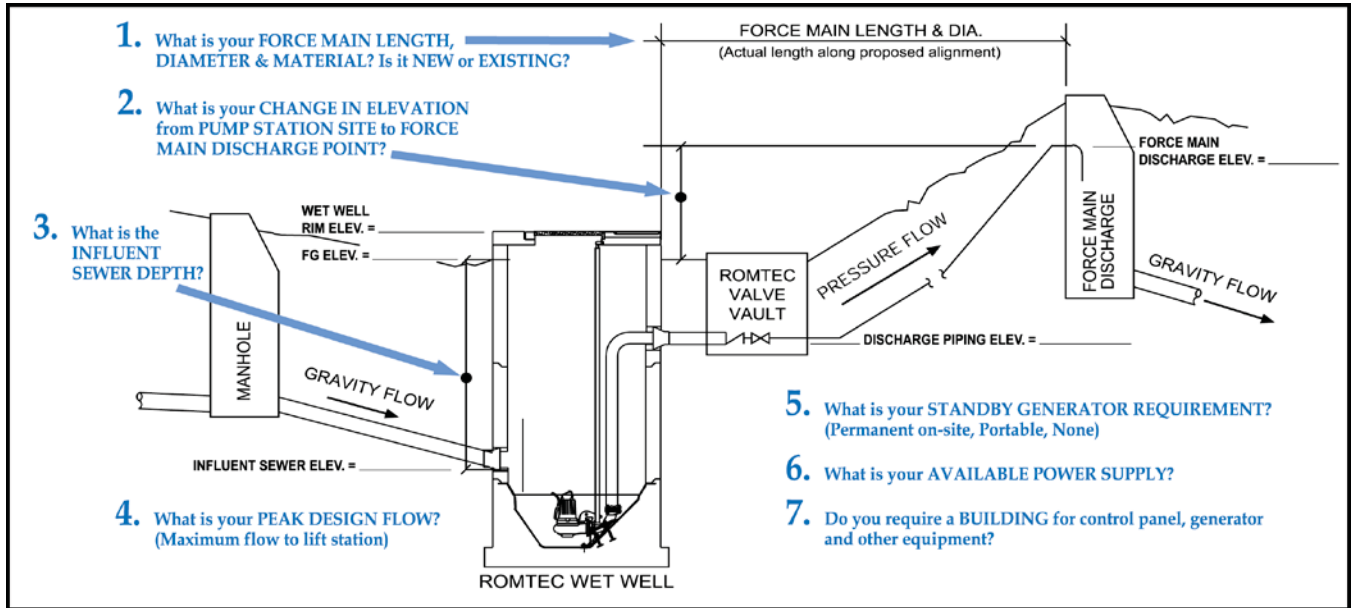


4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 549 ft. (equivalent pipe length with bends)

Force main diameter (inside): 6.13 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): C-900-07 PVC DR18 CL235

Force Main is: New New Existing

2. Elevation change from lift station site to force main discharge point: 12.6 ft.

Finish grade elevation at wet well: 37 ft.

Discharge piping elevation at valve vault: 31.5 ft.

Force main discharge elevation: 49.64 ft.

3. Influent sewer elevation: 23 ft.

4. Peak design flow (maximum flow to lift station): 346 g.p.m. @ 40ft TDH

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

Standby generator fuel: SELECT ONE 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