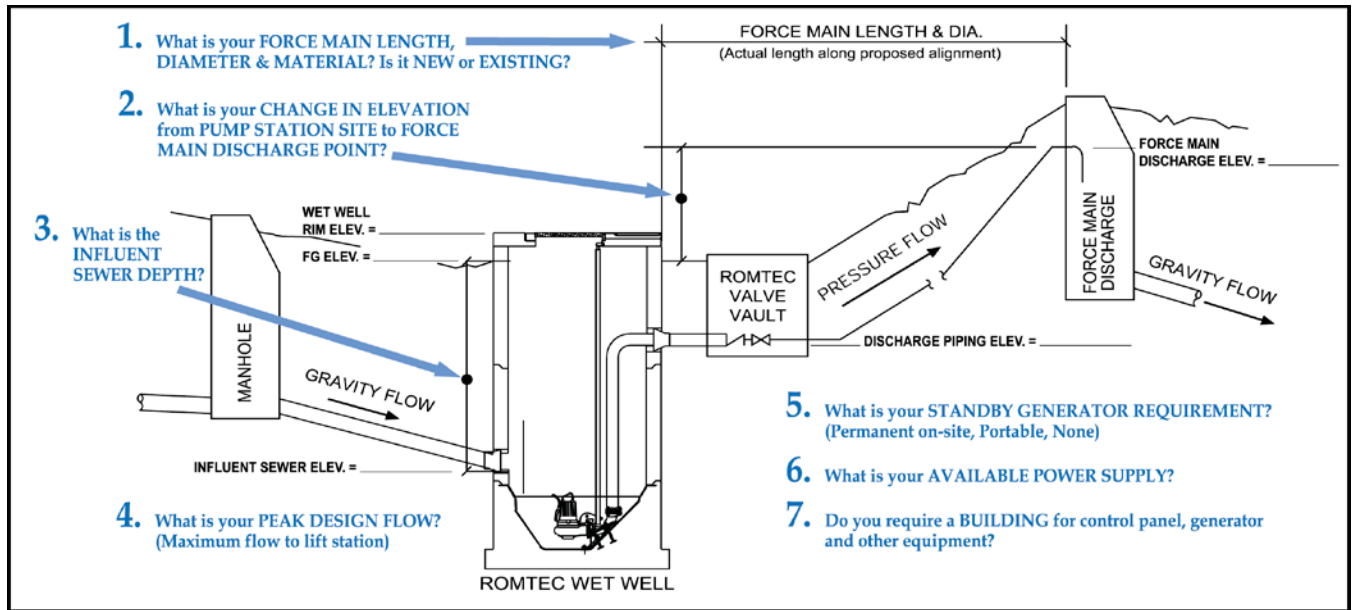


4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 3805.84 ft. (actual length along proposed alignment)

Force main diameter (inside): 10 in. I.D. (12.75 in. O.D.) then discharges into existing 20 in. I.D.

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

Force Main is: Existing New Existing

2. Elevation change from discharge piping elevation to force main discharge point: -2.83 ft.

Finish grade elevation at wet well: 102.25 ft.

Centerline discharge piping elevation at valve vault: 95.32 ft.

Force main discharge elevation: 92.49 ft.

3. Influent sewer elevation: 89.1 ft.

4. Peak design inflow (maximum flow to lift station): 1218 g.p.m. @ 96 TDH

5. Standby generator requirement: Permanent 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