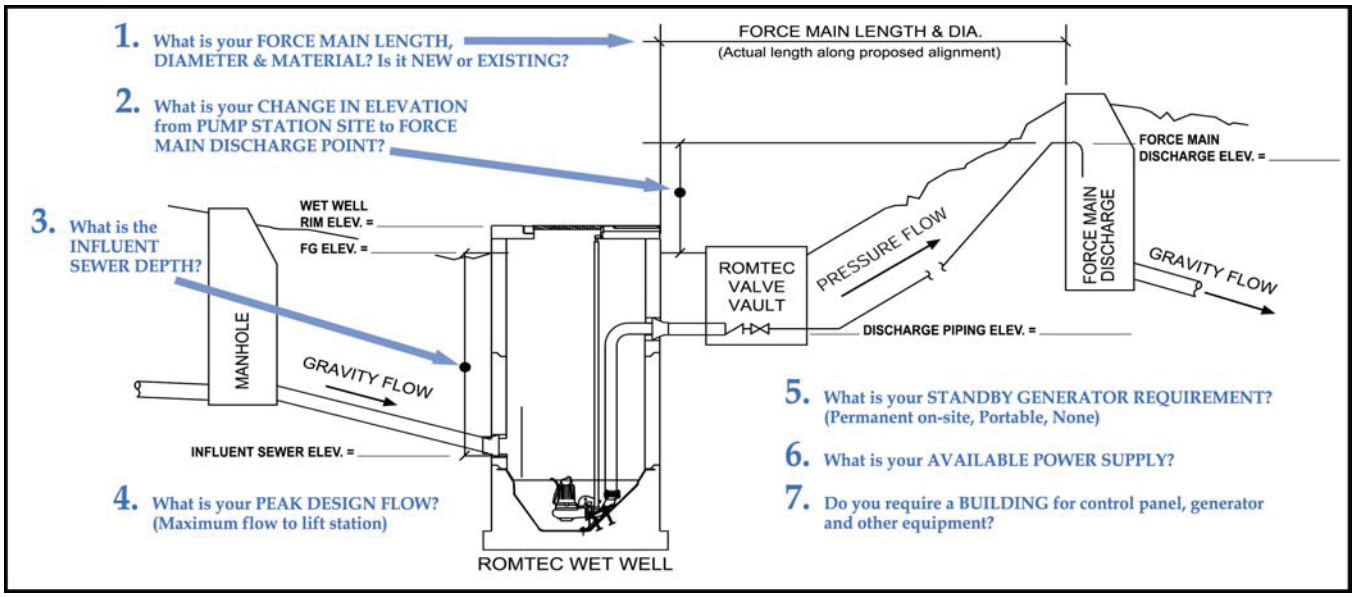
PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 1850 ft. (actual length along proposed alignment)

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.): PVC -ASTM 2241 CLASS 200

Force Main is: **Existing** | New | Existing

2. Elevation change from lift station site to force main discharge point: 21.9 ft.

Finish grade elevation at wet well: 175 ft.

Discharge piping elevation at valve vault: 170.5 ft.

Force main discharge elevation: 198.5 ft.

3. Influent sewer elevation: 165.31 ft.

4. Peak design flow (maximum flow to lift station): 325@48TDH g.p.m.

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

Standby generator fuel: **Diesel** | Diesel | Natural Gas | Propane

6. Available power supply: **240V** | 208V | 240V | 480V

3-phase | Single-phase | 3-phase

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

7. Electrical controls weather protection: **Shelter Structure** | Enclosed Building | Shelter Structure | None

Weather protection structure is for: **Electrical Controls Only** | Electrical Controls Only | Electrical Controls & Generator | Controls, Generator, Chemical Feed