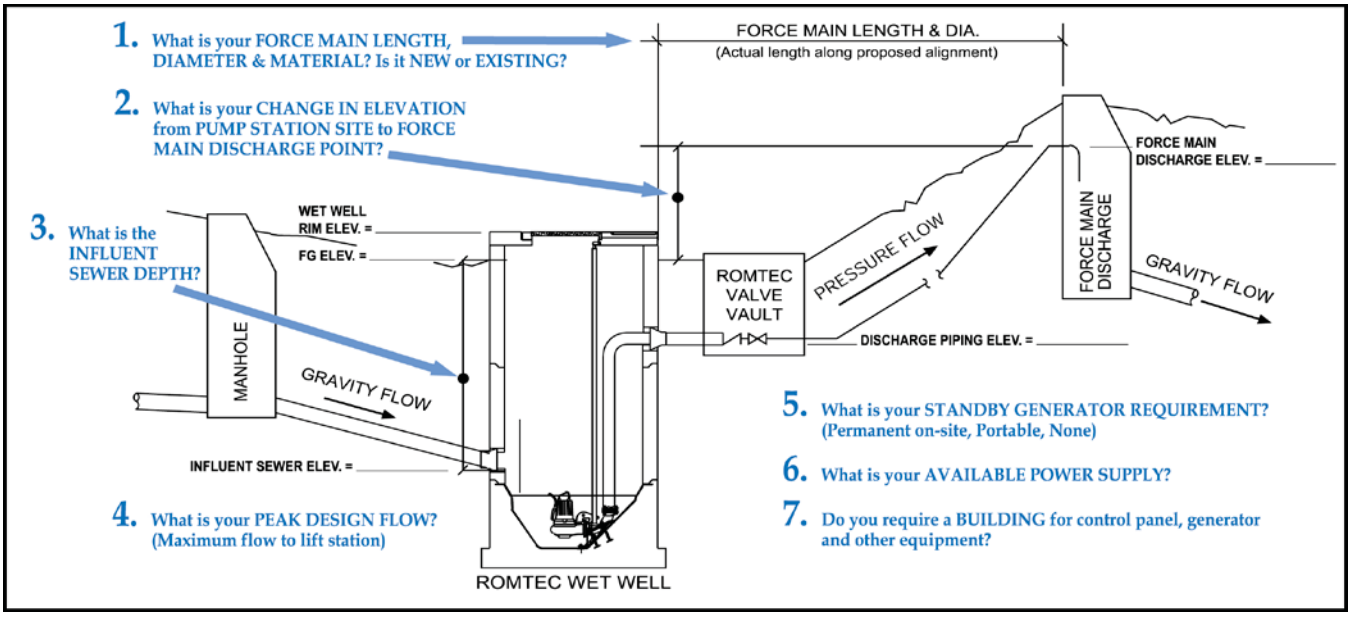
PART 2: DESIGN DATA

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.): HDPE

Force Main is: [ ] New Existing

2. Elevation change from lift station site to force main discharge point: -3 ft.

Finish grade elevation at wet well: 100 ft.

Discharge piping elevation at valve vault: 97 ft.

Force main discharge elevation: 97 ft.

3. Influent sewer elevation: 93.85 ft.

4. Peak design flow (maximum flow to lift station): 75 g.p.m. @ 125' 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

7. Electrical controls weather protection: [None] Enclosed Building Shelter Structure None

Weather protection structure is for: [SELECT ONE] Electrical Controls Only

Electrical Controls & Generator

Controls, Generator, Chemical Feed