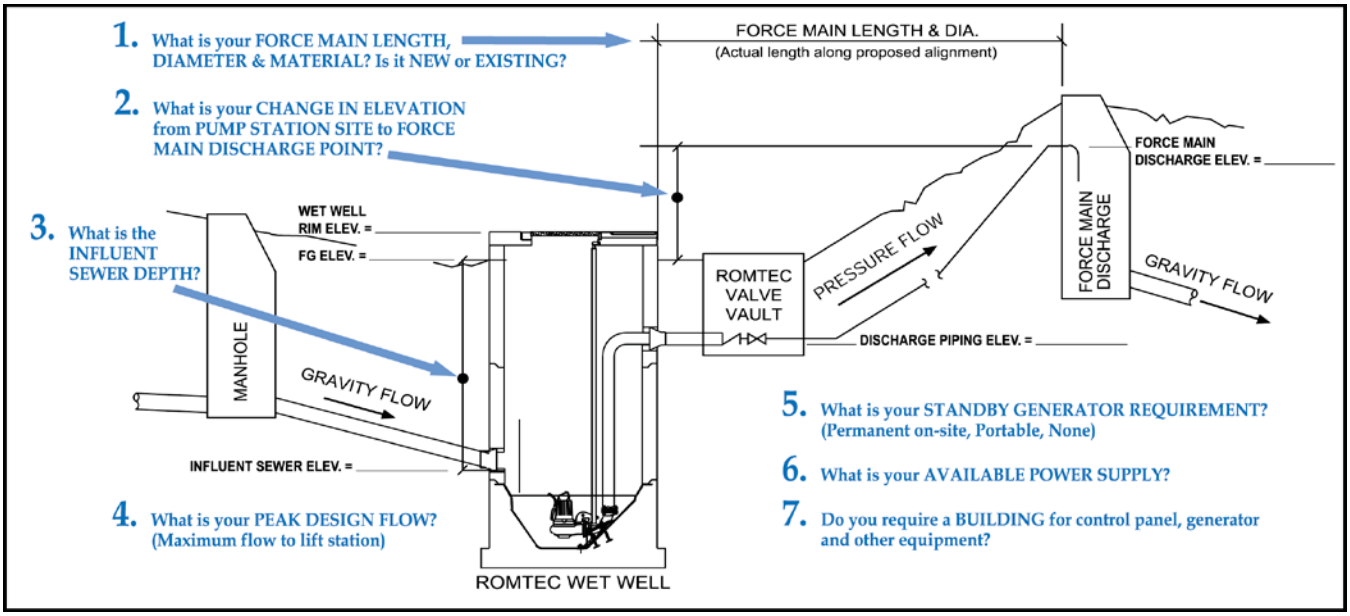
4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 2200 ft. (actual length along proposed alignment)

Force main diameter (inside): 4 in. inside dia.

Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): HDPE SDR17

Force Main is: [New] New Existing

Source of Water (Apartments, Industrial...): Landfill and Housing Development

2. Elevation change from lift station site to force main discharge point: -36 ft.

Finish grade elevation at wet well: 100 ft.

Discharge piping elevation at valve vault: 96 ft.

Force main discharge elevation: 64 ft.

3. Influent sewer elevation: 83.5 ft.

4. Peak design inflow (maximum flow to lift station): 195 g.p.m.

5. Is this lift station considered a classified space? [No] Yes No

6. Standby generator requirement: [None] Permanent Portable None Don't Know

Standby generator fuel: [SELECT ONE] Diesel Natural Gas Propane

7. 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