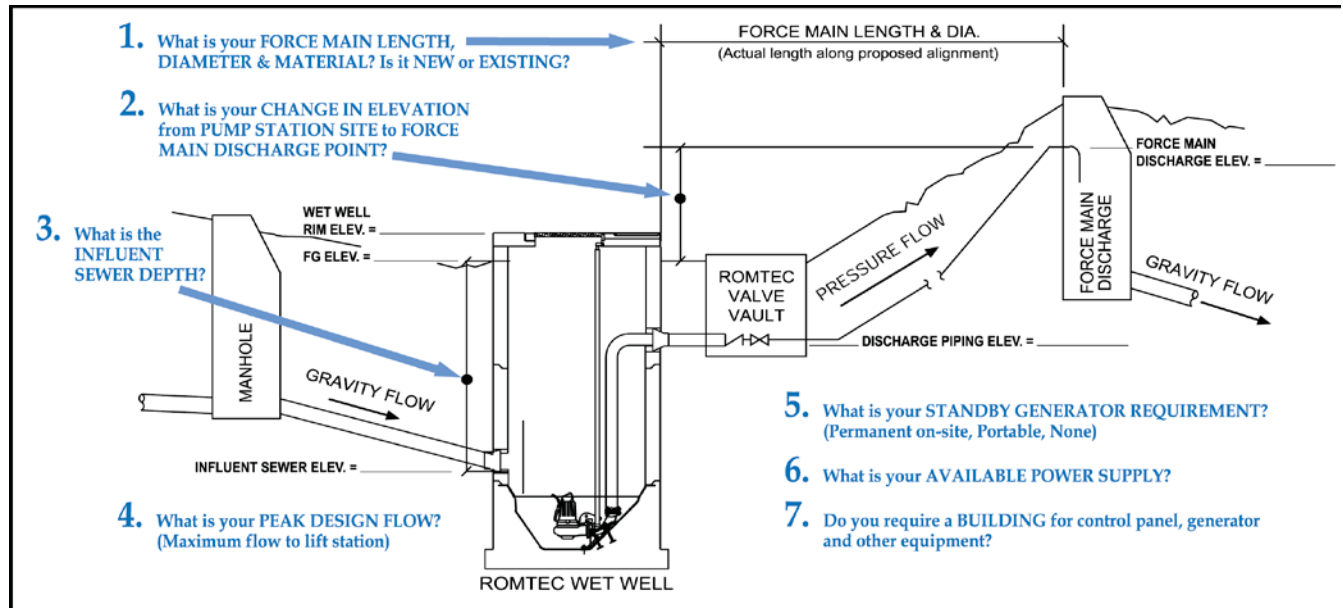


5.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: 320 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

Force Main is:

New

New

Existing

Source of Water:

Contech filter

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

3 ft.

Finish grade elevation at wet well:

500 ft.

Discharge piping elevation:

497 ft.

Force main discharge elevation:

503 ft.

3. Influent sewer elevation:

497.25 ft.

4. Peak design inflow

(maximum flow to lift station):

660 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:

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