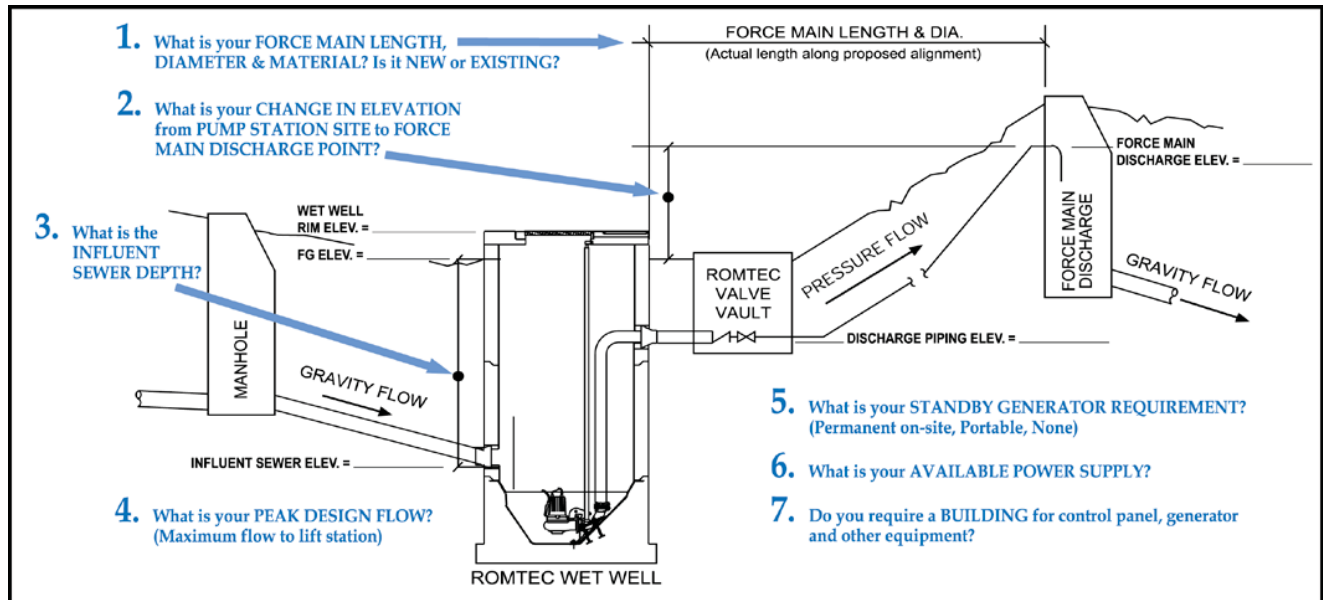


4.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: _____ 5 ft. (actual length along proposed alignment)
 Force main diameter (inside): _____ in. inside dia.
 Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): _____
 Force Main is:

New	<u>New</u>	<u>Existing</u>
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2. Elevation change from lift station site to force main discharge point: _____ -1.7 ft.
 Finish grade elevation at wet well: _____ 37.8 ft.
 Discharge piping elevation: _____ 34.88 ft.
 Force main discharge elevation: _____ 36.13 ft.
3. Influent sewer elevation: _____ 28.58 ft.
4. Peak design flow (maximum flow to lift station): _____ 3591 g.p.m. One pump 650 & One pump 3000 g.p.m.
5. Standby generator (by others) requirement:

Portable	<u>Permanent</u>	<u>Portable</u>	<u>None</u>	<u>Don't Know</u>
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 Standby generator fuel:

Diesel	<u>Diesel</u>	<u>Natural Gas</u>	<u>Propane</u>
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6. Available power supply:

480V	<u>208V</u>	<u>240V</u>	<u>480V</u>
3-phase	<u>Single-phase</u>	<u>3-phase</u>	

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