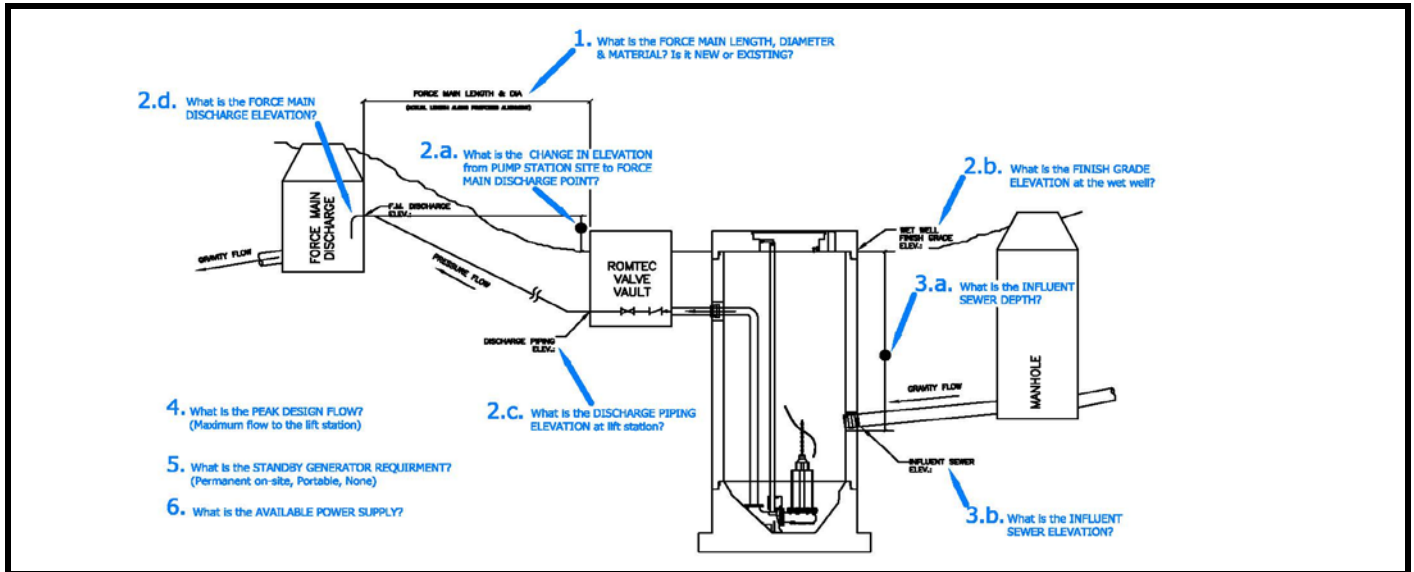


5.02 LIFT STATION DESIGN CRITERIA FORM

PART 2: DESIGN DATA



1. Force main length: 1250 ft. (actual length along proposed alignment)
 Force main diameter (inside): 3 in. inside dia.
 Force main material (PVC, DI, etc.): PVC SCH80
 Force Main is:

<input checked="" type="checkbox"/> New	<input type="checkbox"/> New	<input type="checkbox"/> Existing
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 Force Main Discharge (manhole, gravity sewer, pressure force main, etc.): Gravity Manhole
 Source of Water: Wildlife Center
 Water Type: Wastewater

2.a Elevation change from lift station site to force main discharge point: -5.57 ft.

2.b Finish grade elevation at wet well: 1101.42 ft.

2.c Discharge piping elevation at lift station: 1098.22 ft.

2.d Force main discharge elevation: 1095.85 ft. with forcemain high point at 1098.22'.

3.a Influent sewer depth: 4.61 ft.

3.b Influent sewer elevation: 1095.36 ft.

4. Peak design inflow (maximum flow to lift station): 60 g.p.m.

5. Pumping Rate: 62 g.p.m. **Pumping rate exceeds peak design in flow.**

6. Standby generator requirement:

<input checked="" type="checkbox"/> None	<input type="checkbox"/> Permanent	<input type="checkbox"/> Portable	<input type="checkbox"/> None	<input type="checkbox"/> Don't Know
<input type="checkbox"/>	<input type="checkbox"/> Diesel	<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Propane	

 Standby generator fuel: 208V
 Available power supply:

<input checked="" type="checkbox"/> 208V	<input type="checkbox"/> 208V	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V
<input type="checkbox"/> 3-phase	<input type="checkbox"/> Single-phase	<input type="checkbox"/> 3-phase	

Is this lift station considered a classified space?

<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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