

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length:	<u>DUAL FORCE MAIN</u>
Force main diameter (inside):	<u>6" & 8"</u>
Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.):	<u>?</u>
Force Main is:	<input type="checkbox"/> <u>New</u> <input type="checkbox"/> <u>Existing</u>
2. Elevation change from lift station site to force main discharge point:	<u>39.4</u> ft.
Finish grade elevation at wet well:	<u>16.2' & 16.13'</u> ft.
Discharge piping elevation at dry pit:	<u>11.67</u> ft.
Force main discharge elevation:	<u>55.58</u> ft.
3. Influent sewer elevation:	<u>-2.8</u> ft.
4. Peak design flow (maximum flow to lift station):	<u>600</u> g.p.m.
5. Standby generator requirement:	<u>Permanent</u> <u>GENERATOR SUPPLIED BY OWNER</u>
Standby generator fuel:	<u>Diesel</u>
6. Available power supply:	<u>480V</u>
	<u>3-phase</u>
Additional loads on site (besides the lift station) to be powered by generator:	<u> </u> KVA
7. Electrical controls weather protection:	<u>None</u> <input type="checkbox"/> <u>Enclosed Building</u> <input type="checkbox"/> <u>Shelter Structure</u> <input type="checkbox"/> <u>None</u>
Weather protection structure is for:	<u>SELECT ONE</u> <u>Electrical Controls Only</u>
	<u>Electrical Controls & Generator</u>
	<u>Controls, Generator, Chemical Feed</u>