

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



<p>1. Force main length: _____ ft. (actual length along proposed alignment)</p> <p>Force main diameter (inside): _____ in. inside dia.</p> <p>Force main material (i.e., PVC C-900 class 150, ductile iron class 52, HDPE DR17 class 100, etc.): _____</p> <p>Force Main is:</p>	<input checked="" type="checkbox"/> Existing	<input type="checkbox"/> New	<input type="checkbox"/> Existing		
<p>2. Elevation change from lift station site to force main discharge point: _____ ft.</p> <p>Finish grade elevation at wet well: _____ ft.</p> <p>Discharge piping elevation at valve vault: _____ ft.</p> <p>Force main discharge elevation: _____ ft.</p>	107.8				
<p>3. Influent sewer elevation: _____ ft.</p>	2129				
<p>4. Peak design flow (maximum flow to lift station): _____ g.p.m.</p>	500@135tdh	800@175	ULTIMATE		
<p>5. Standby generator requirement:</p> <p>Standby generator fuel:</p>	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Permanent	<input type="checkbox"/> Portable	<input type="checkbox"/> None	<input type="checkbox"/> Don't Know
<p>6. Available power supply:</p> <p>Additional loads on site (besides the lift station) to be powered by generator: _____ KVA</p>	<input checked="" type="checkbox"/> 480V	<input type="checkbox"/> 208V	<input type="checkbox"/> 240V	<input type="checkbox"/> 480V	
<p>7. Electrical controls weather protection:</p> <p>Weather protection structure is for:</p>	<input checked="" type="checkbox"/> 3-phase	<input type="checkbox"/> Single-phase	<input type="checkbox"/> 3-phase		
	<input checked="" type="checkbox"/> Shelter Structure	<input type="checkbox"/> Enclosed Building	<input type="checkbox"/> Shelter Structure	<input type="checkbox"/> None	
	<input checked="" type="checkbox"/> Electrical Controls Only	<input type="checkbox"/> Electrical Controls Only <input type="checkbox"/> Electrical Controls & Generator <input type="checkbox"/> Controls, Generator, Chemical Feed			