

PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.



1. Force main length: ? _____ 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:

<input checked="" type="checkbox"/> New	<input type="checkbox"/> New	<input type="checkbox"/> Existing
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2. Elevation change from lift station site to force main discharge point: ? _____ ft.

Finish grade elevation at wet well: _____ 435 ft.

Discharge piping elevation at valve vault: _____ 431.2 ft.

Force main discharge elevation: ? _____ ft.

3. Influent sewer elevation: _____ 417.57 ft.

4. Peak design flow (maximum flow to lift station): _____ 200 g.p.m. @ 64TDH

5. Standby generator requirement:

<input checked="" type="checkbox"/> Permanent	<input type="checkbox"/> Provided by Customer	<input type="checkbox"/> Portable	<input type="checkbox"/> None	<input type="checkbox"/> Don't Know
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Standby generator fuel:

<input checked="" type="checkbox"/> Diesel	<input type="checkbox"/> Diesel	<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Propane
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6. Available power supply:

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

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

7. Electrical controls weather protection:

<input checked="" type="checkbox"/> None	<input type="checkbox"/> Enclosed Building	<input type="checkbox"/> Shelter Structure	<input type="checkbox"/> None
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Weather protection structure is for:

<input checked="" type="checkbox"/> SELECT ONE	<input type="checkbox"/> Electrical Controls Only	<input type="checkbox"/> Electrical Controls & Generator	<input type="checkbox"/> Controls, Generator, Chemical Feed
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