PART 2: DESIGN DATA

If using assumed elevations, note this in Additional Information.

1. Force main length:
   - Force main length: 20 ft. (actual length along proposed alignment)
   - Force main diameter (inside): 12 in. inside dia.
   - Force Main is: New

2. Elevation change from lift station site to force main discharge point:
   - Finish grade elevation at wet well: 37.5 ft.
   - Discharge piping elevation at valve vault: 34.5 ft.
   - Force main discharge elevation: 44 ft.

3. Influent sewer elevation: 27 ft.

4. Peak design flow (maximum flow to lift station):
   - 2520 g.p.m., 2 pumps doing duty

5. Standby generator requirement:
   - Standby generator fuel: SELECT ONE

6. Available power supply:
   - 480V, 208V, 240V, 480V

7. Electrical controls weather protection:
   - Weather protection structure is for: Electrical Controls Only

---

**Diagram Notes:**

- **FORCE MAIN LENGTH & DIA.**
  - (Actual length along proposed alignment)
- **FORCE MAIN ELEV.**
  - (Grain flow)
- **WET WELL**
  - FG ELEV.
- **ROMTEC VALVE VAULT**
- **DISCHARGE PIPING ELEV.**
- **PRESSURE FLOW**
- **FORWARD FLOW**
- **GRAVITY FLOW**
- **VANHOLE**
- **WET WELL**
- **ROMTEC WET WELL**