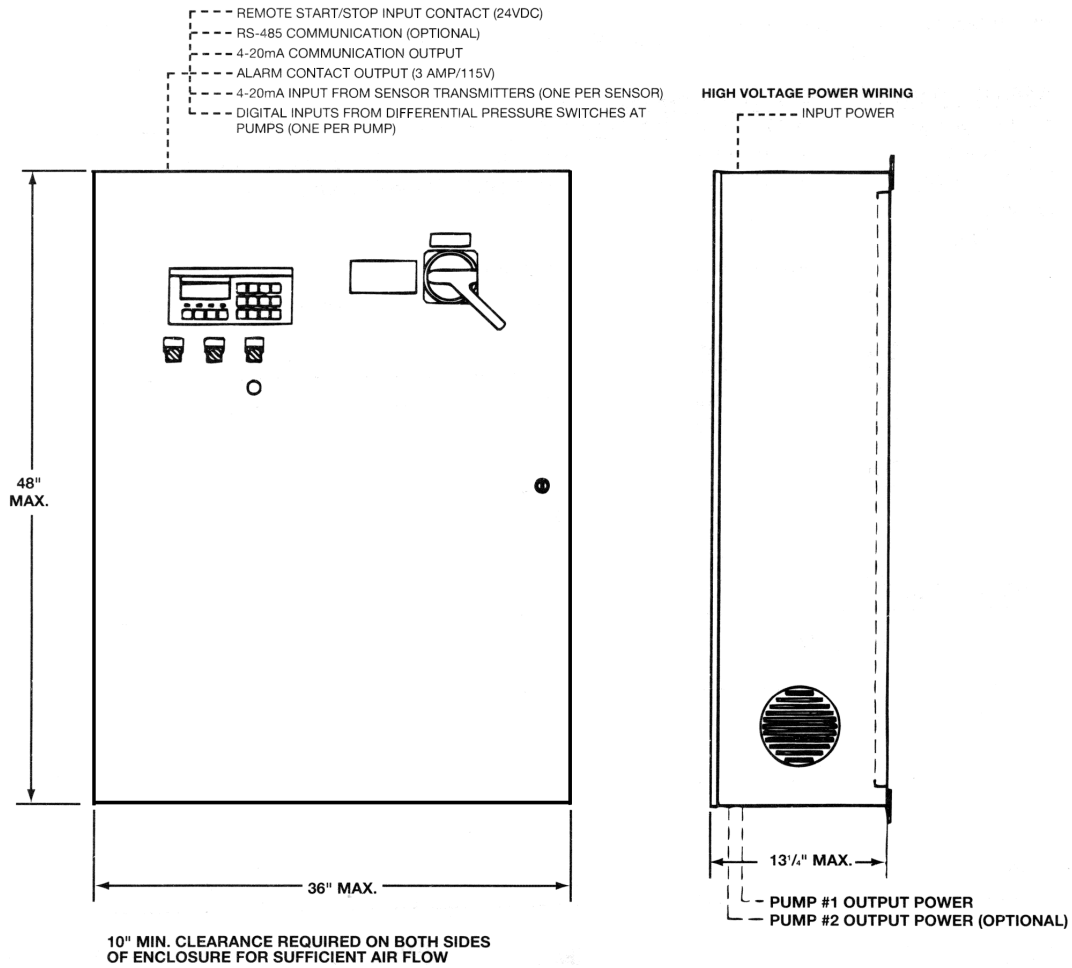


|             |               |                 |  |
|-------------|---------------|-----------------|--|
| JOB:        |               | REPRESENTATIVE: |  |
| UNIT TAG:   | ORDER NO.     | DATE:           |  |
| ENGINEER:   | SUBMITTED BY: | DATE:           |  |
| CONTRACTOR: | APPROVED BY:  | DATE:           |  |

**VARIABLE SPEED PUMPING SYSTEMS**  
**WALL MOUNTED PUMP CONTROL SYSTEM -**  
**ABB DRIVE(S)**



**SPECIFICATIONS**

The Technologic Pump Logic Controller, Adjustable Frequency Drive(s) and Bypass Panel (or Single PointPower Panel) shall be mounted in a multiple door, NEMA-1 enclosure and be prewired at the factory to permit a single electrical power connection. The entire assembly shall be ETL listed. This cabinet shall be mounted on a steel base with pre-drilled holes for anchoring to the floor. All functions of the components shall be tested and approved at the factory prior to shipment. Single point input wiring and wiring from the cabinet to the motors shall be provided by the electrical contractor. Wiring from sensors to the cabinet shall be provided by the controls contractor.

**SYSTEM SUMMARY**

|                       |                      |                    |
|-----------------------|----------------------|--------------------|
| <b>Total Capacity</b> | <b>Open System</b>   | Discharge Pressure |
| _____ GPM             | _____                | Suction Pressure   |
|                       | <b>Closed System</b> | FT TDH             |
|                       | _____                |                    |
| <b>Power Supply</b>   | V/                   | PH/                |
| Input Power           | _____                | _____ HZ           |

**TECHNOLOGIC 5500 PUMP LOGIC CONTROLLER**

Number of zones \_\_\_\_\_

Flow sensor included?

☐ Yes☐ No

Pump Staging (Valid on multiple pump, multiple AFD systems only)

☐ Yes☐ No**ADJUSTABLE FREQUENCY DRIVE(S)**

|                                         |                                                     |                                                             |
|-----------------------------------------|-----------------------------------------------------|-------------------------------------------------------------|
| <input type="checkbox"/> UL listed      | <input type="checkbox"/> Motor Overload Protection  | <input type="checkbox"/> Efficiency = 98% @ Rated Load      |
| <input type="checkbox"/> IGBT Circuitry | <input type="checkbox"/> Critical Frequency Lockout | <input type="checkbox"/> Input Voltage Tolerance: +10%/-15% |
| <input type="checkbox"/> PWM Output     | <input type="checkbox"/> Power Factor = .98         | <input type="checkbox"/> DC Line Reactor                    |

Quantity

☐ One☐ Two

Horsepower: \_\_\_\_\_ Voltage: \_\_\_\_\_ Amps: \_\_\_\_\_ \*

\*34 amps maximum per AFD.

**AFD BYPASS/TRANSFER OPTION**☐ Automatic Type I☐ Automatic Type III☐ No Bypass☐ Automatic Type II☐ Automatic Type IV**SENSOR/TRANSMITTER**

|            |            |
|------------|------------|
| Qty. _____ | TYPE _____ |
| Qty. _____ | TYPE _____ |

**PUMP/MOTOR**

| Qty.      | GPM   | TDH   | HP    | RPM   | MODEL |
|-----------|-------|-------|-------|-------|-------|
| _____     | _____ | _____ | _____ | _____ | _____ |
| _____     | _____ | _____ | _____ | _____ | _____ |
| Specials: | _____ |       |       |       |       |

