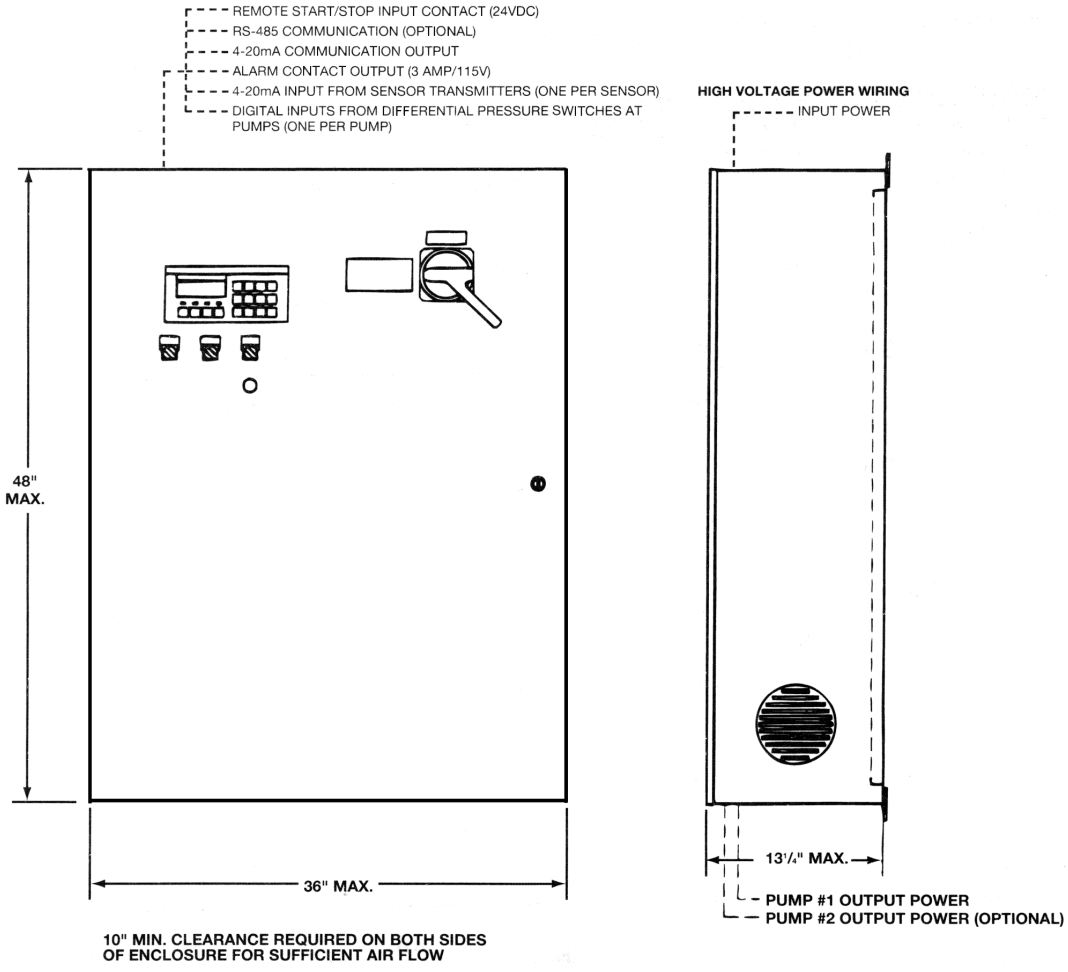
Bell & Gossett
a xylem brand

SUBMITTAL

D-180B

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)



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SPECIFICATIONS

The Technologic Pump logic controller, adjustable frequency drive(s) and bypass circuitry (optional) shall be mounted on a single door, NEMA 1 enclosure and be pre-wired at the factory to permit a single point power connection. A disconnect switch shall be provided for each AFD. The entire assembly shall be ETL listed. This enclosure shall be designed to be wall mounted. All functions of the components shall be tested and approved prior to shipment. Input power wiring and wiring from the cabinet to the motors shall be provided by the electrical contractor. Wiring from the remote sensors to the cabinet shall be provided by the controls contractor.

SYSTEM SUMMARY

Total Capacity

_____ GPM

Open System _____ Discharge Pressure

_____ Suction Pressure

Closed System _____ FT TDH

Power Supply
Input Power _____ V/ _____ PH/ _____ 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)

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

Quantity

☐ One

☐ Two

Horsepower: _____ **Voltage:** _____ **Amps:** _____ *

*34 amps maximum per AFD.

AFD BYPASS/TRANSFER OPTION

☐ Automatic Type I ☐ Automatic Type II ☐ Automatic Type III ☐ Automatic Type IV ☐ No Bypass

SENSOR/TRANSMITTER

Qty. _____ TYPE _____

Qty. _____ TYPE _____

PUMP/MOTOR

Qty.	GPM	TDH	HP	RPM	MODEL

Specials: _____

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