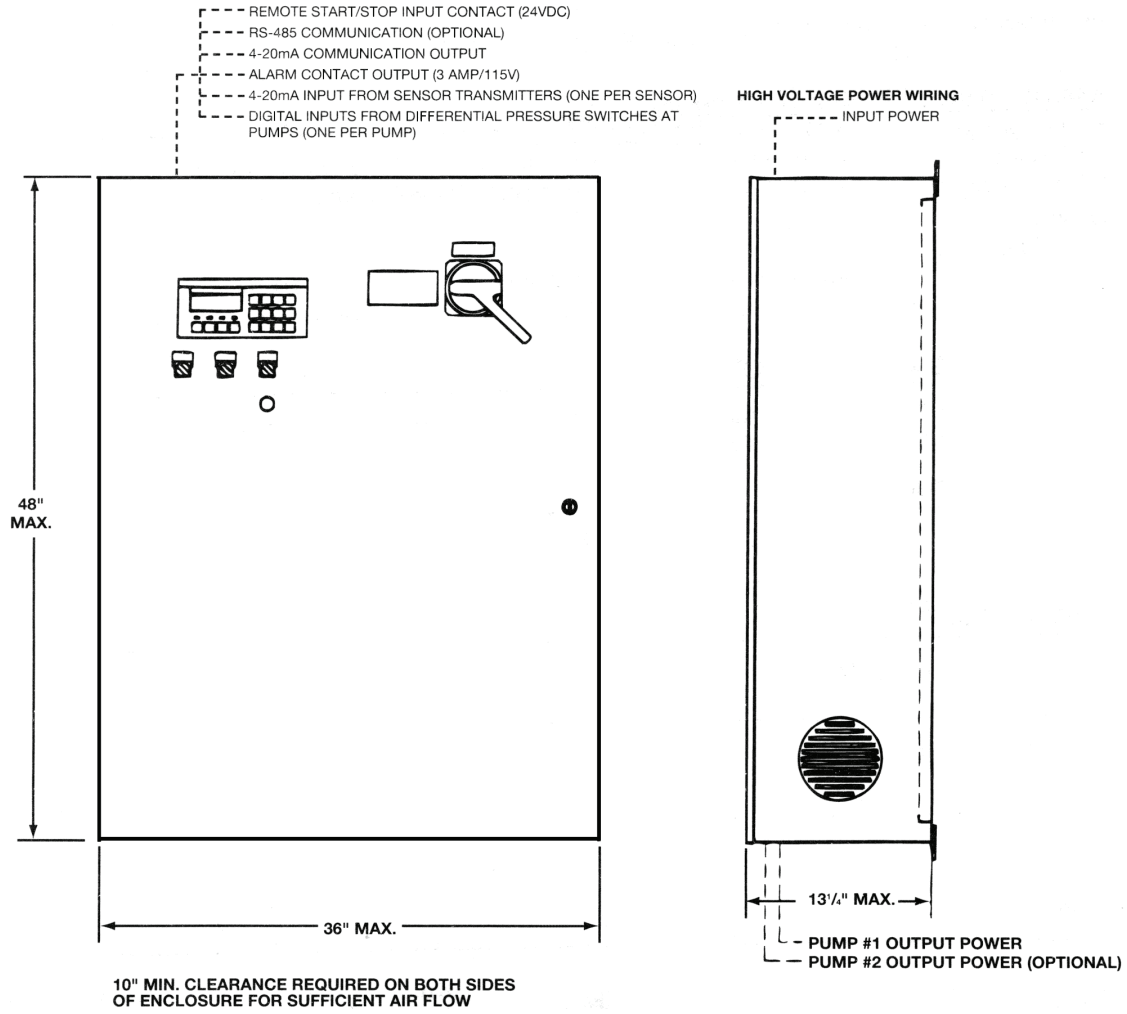
Bell & Gossett

SUBMITTAL

D-182A

JOB:	**REPRESENTATIVE:**	
UNIT TAG:	**SUBMITTED BY:**	**DATE:**
ENGINEER:	**APPROVED BY:**	**DATE:**
CONTRACTOR:		

VARIABLE SPEED PUMPING SYSTEMS
WALL MOUNTED PUMP CONTROL SYSTEM - AC TECH DRIVE(S)



Packaged Systems Group

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 prewired at the factory to permit a single electrical power connection. A disconnect switch shall be provided for each AFD. The entire assembly shall be ETL listed. The enclosure shall be designed to be wall mounted. All functions of the components shall be tested and approved at the factory prior to shipment. Input power 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

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) - AC TECH MC3000

- 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:** _____ *

*40 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	QMODEL

Specials: _____

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