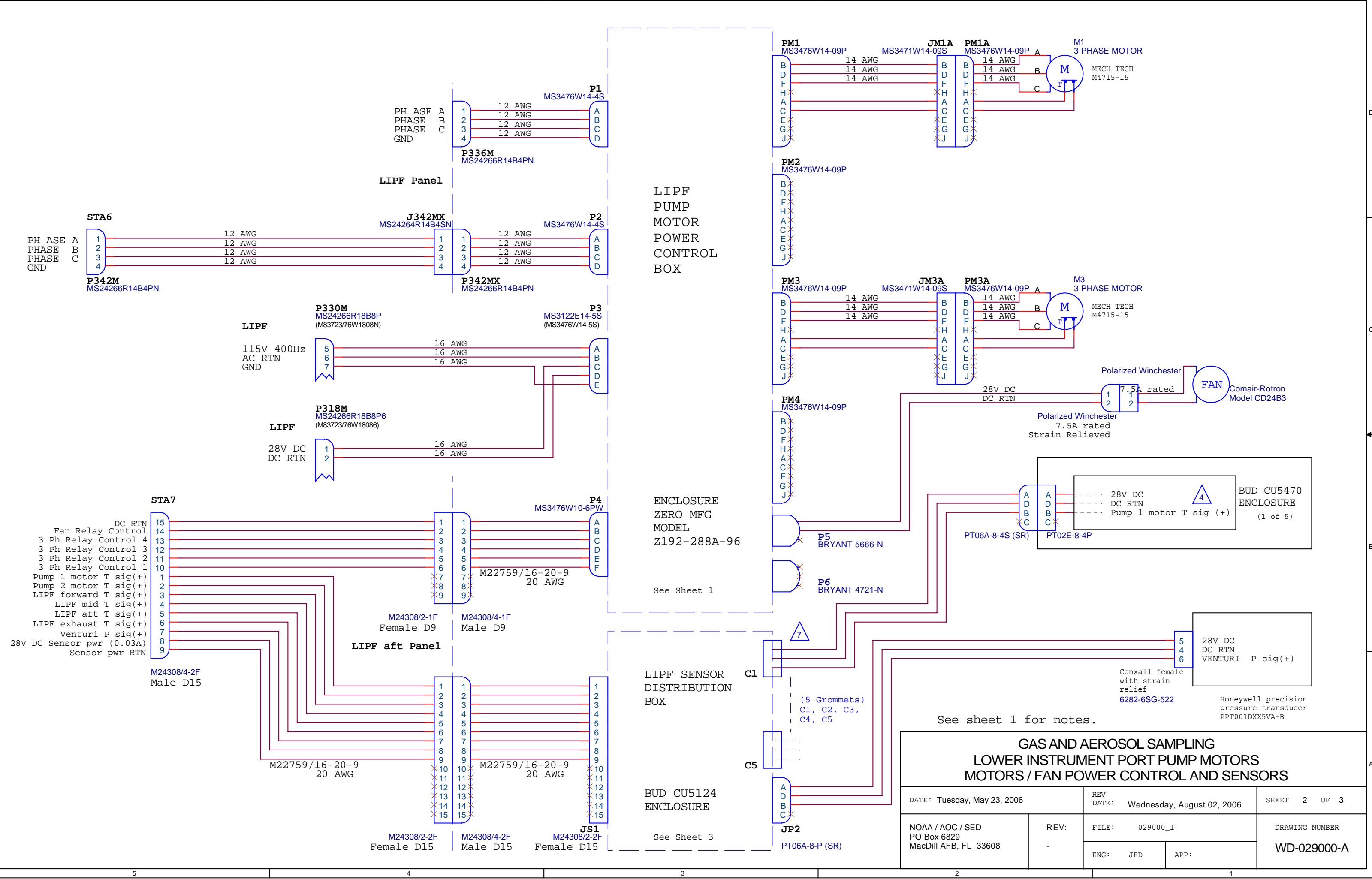


- NOTES:
1. All wire type M22759/16 or better (M22759/34 is preferred).
 2. All wire 20 AWG unless noted.
 3. See Sheet 2 for external cabling.
 4. LM35 temperature sensor (TO-92) cemented to interior of enclosure.

GAS AND AEROSOL SAMPLING LOWER INSTRUMENT PORT PUMP MOTORS MOTORS / FAN POWER CONTROL AND SENSORS			
DATE: Wednesday, May 17, 2006	REV DATE: Wednesday, August 02, 2006	SHEET 1 OF 3	
NOAA / AOC / SED PO Box 6829 MacDill AFB, FL 33608	REV: -	FILE: 029000_1	DRAWING NUMBER WD-029000-A
	ENG: JED	APP:	



**GAS AND AEROSOL SAMPLING
LOWER INSTRUMENT PORT PUMP MOTORS
MOTORS / FAN POWER CONTROL AND SENSORS**

DATE: Tuesday, May 23, 2006		REV DATE: Wednesday, August 02, 2006	SHEET 2 OF 3
NOAA / AOC / SED PO Box 6829 MacDill AFB, FL 33608	REV: -	FILE: 029000_1	DRAWING NUMBER WD-029000-A
	ENG: JED	APP:	

See sheet 1 for notes.

ENCLOSURE
ZERO MFG
MODEL
Z192-288A-96

See Sheet 1

LIPF SENSOR
DISTRIBUTION
BOX

BUD CU5124
ENCLOSURE

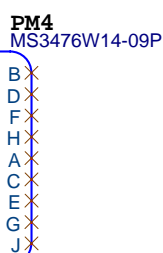
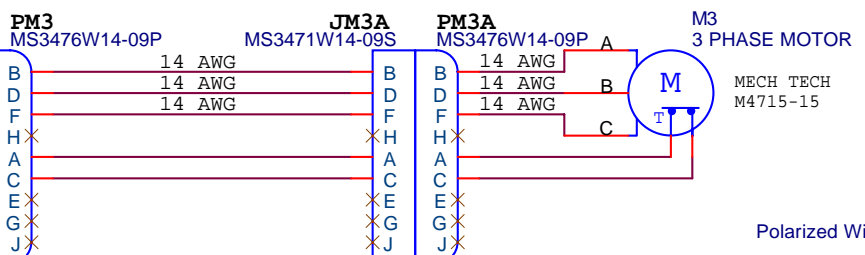
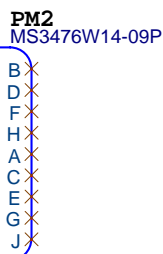
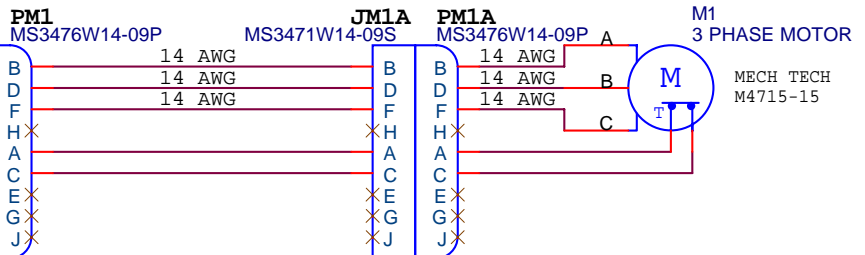
See Sheet 3

BUD CU5470
ENCLOSURE
(1 of 5)

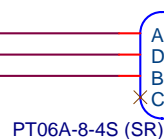
28V DC
DC RTN
VENTURI P sig(+)

Conxall female
with strain
relief
6282-6SG-522

Honeywell precision
pressure transducer
PPT001DXX5VA-B



Polarized Winchester
7.5A rated
Strain Relieved

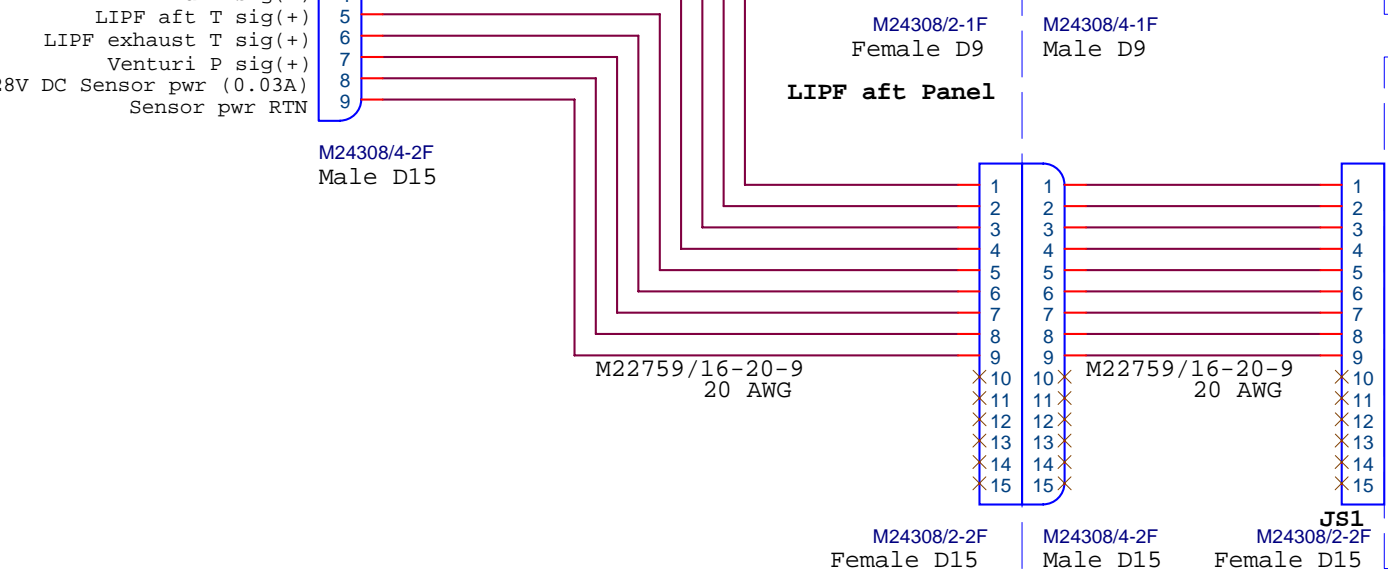
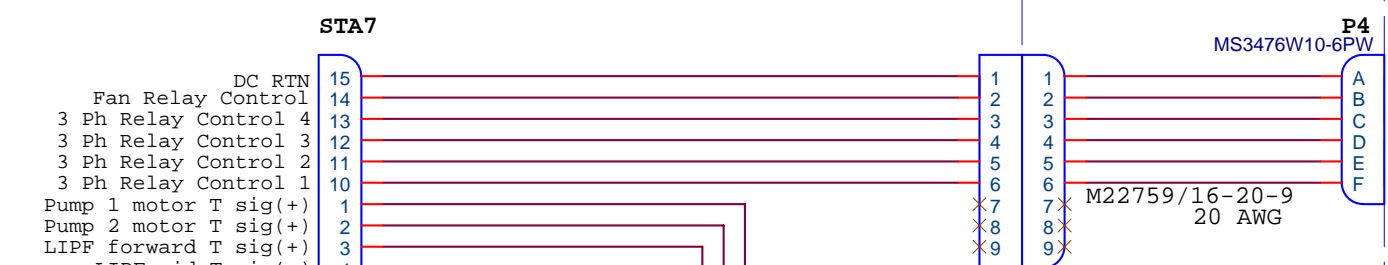
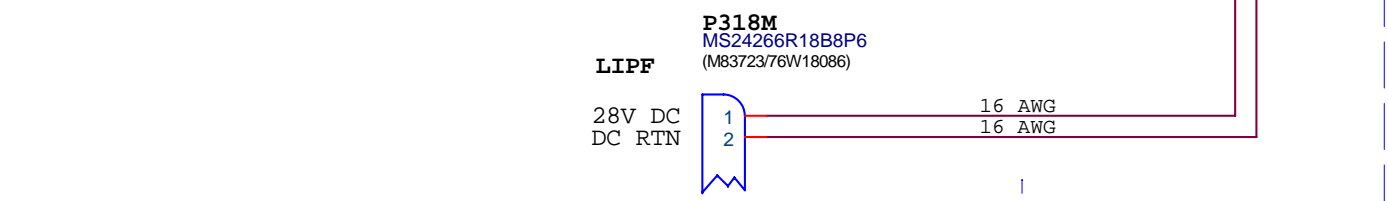
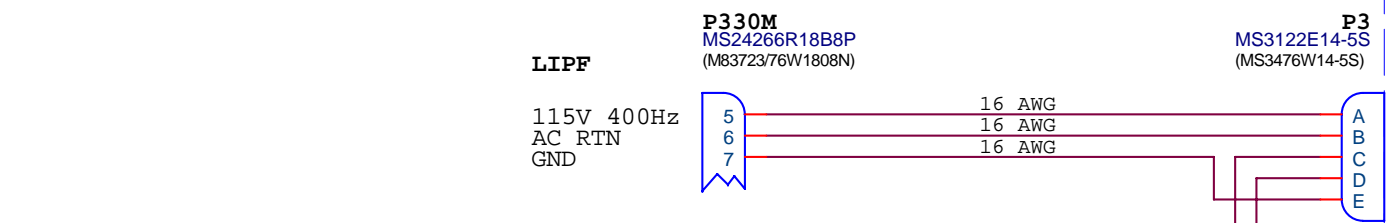
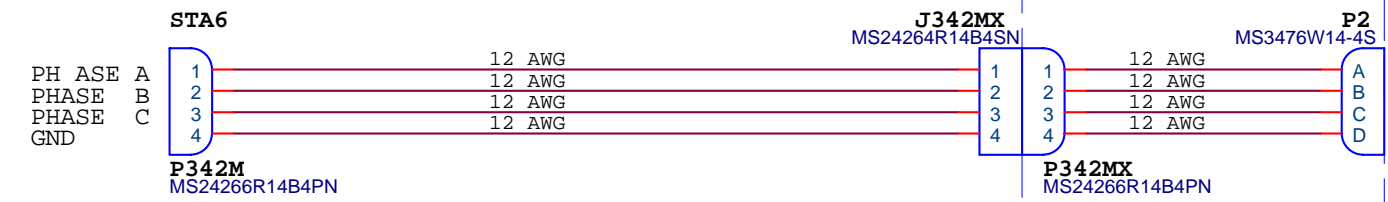


PT06A-8-P (SR)

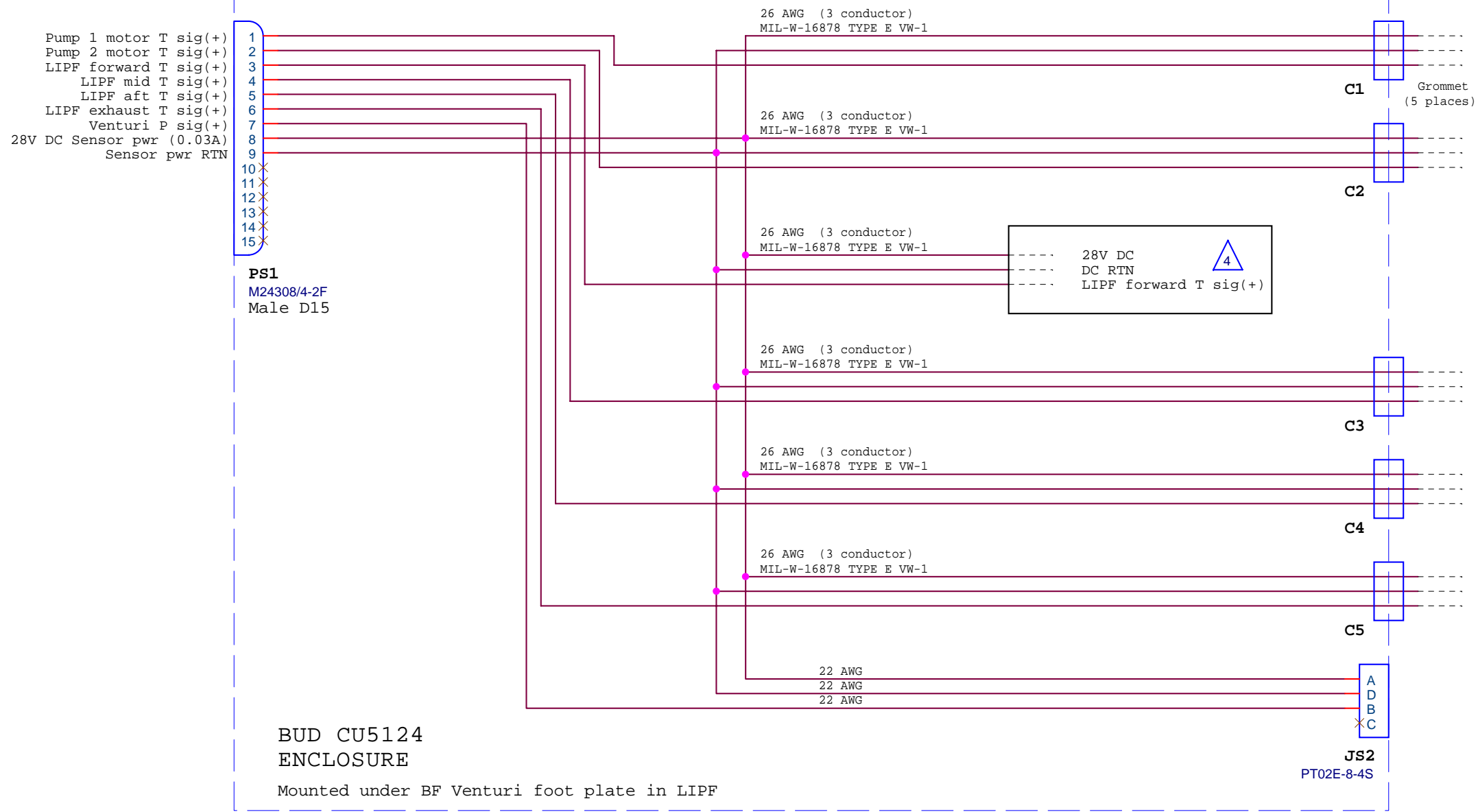
(5 Grommets)
C1, C2, C3,
C4, C5

28V DC
DC RTN

Honeywell precision
pressure transducer
PPT001DXX5VA-B



LIPF SENSOR DISTRIBUTION BOX



See sheet 1 for notes.

GAS AND AEROSOL SAMPLING LOWER INSTRUMENT PORT PUMP MOTORS MOTORS / FAN POWER CONTROL AND SENSORS			
DATE: Tuesday, May 30, 2006	REV DATE: Monday, July 31, 2006	SHEET 3 OF 3	
NOAA / AOC / SED PO Box 6829 MacDill AFB, FL 33608	REV: -	FILE: 029000_1	DRAWING NUMBER
	ENG: JED	APP:	WD-029000-A