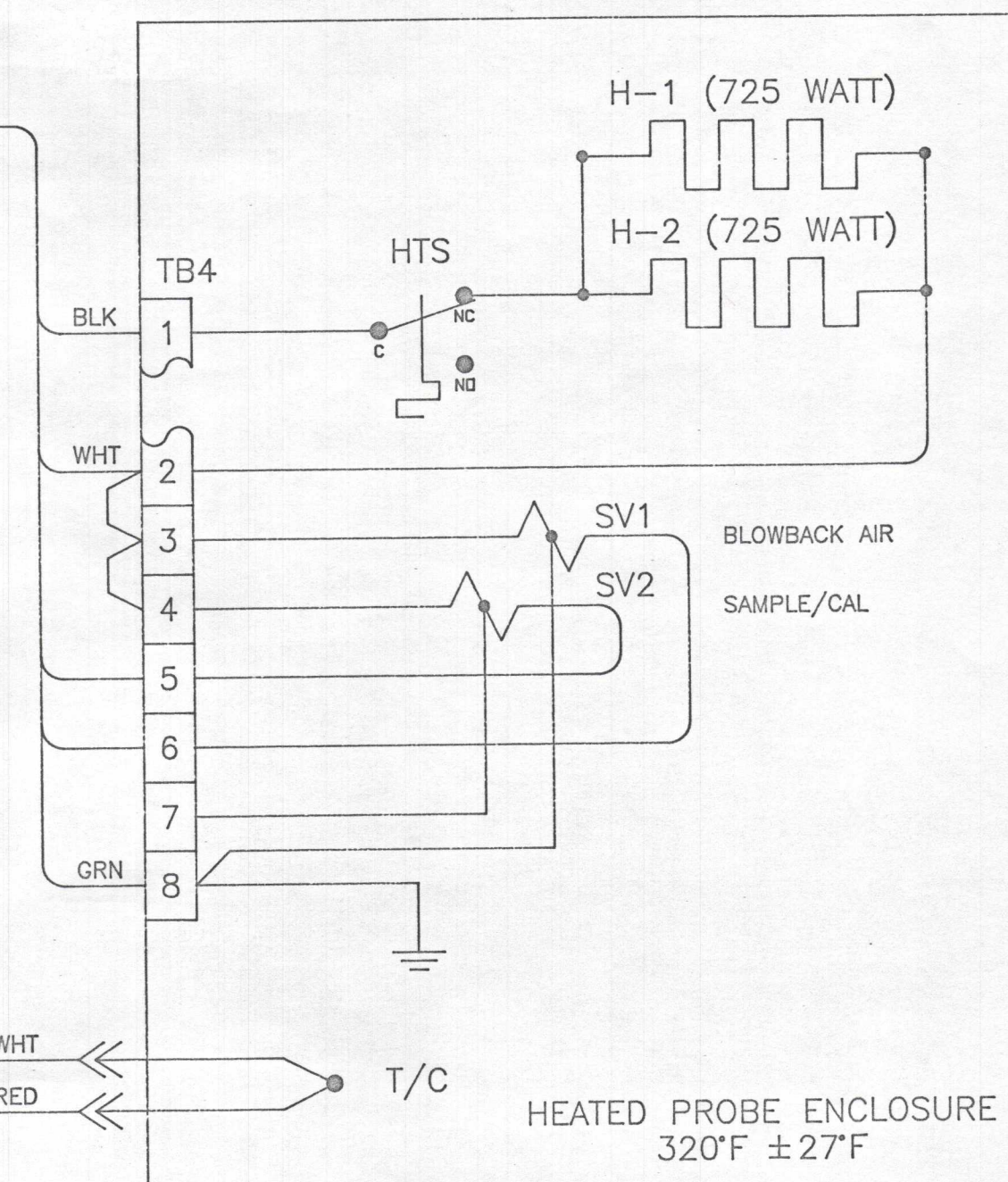


12 AWG AND THERMOCOUPLE WIRES FROM HEAT TRACED SAMPLE LINE

AT STACK

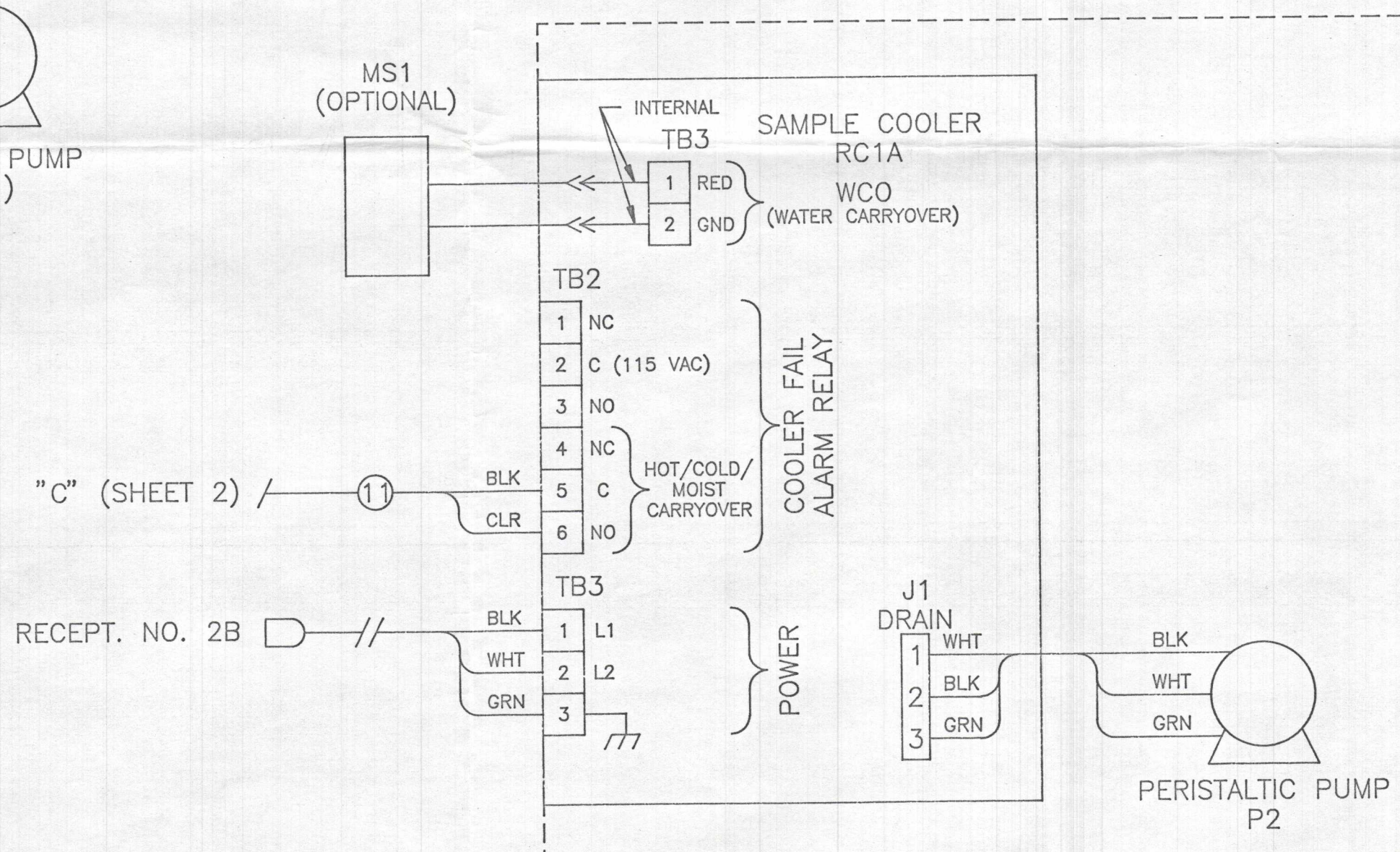


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CHG	E.O. NO.	DATE	BY	ENGR
A	INITIAL	3-13-97	GRL	63

# NOTES :

- NEC AREA CLASSIFICATION:  
☒ NON-HAZARDOUS  
☐ CLASS I, DIVISION 2, GROUPS B, C & D  
☐ CLASS I, DIVISION 1, GROUPS B, C & D
- READILY ACCESSIBLE MAIN POWER DISCONNECT TO BE PROVIDED BY CUSTOMER.
- ELECTRICAL INSTALLATION TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (ANSI/NFPA 70) AND/OR OTHER APPLICABLE NATIONAL OR LOCAL CODES.
- A GROUND STRAP IS TO BE CONNECTED BETWEEN MAIN FRAME ASSEMBLY/ENCLOSURE AND ALL DOORS/REMOVABLE TOPS, BASES, AND SIDE PANELS
- SYSTEM TO BE HI POT TESTED AND GROUND CONTINUITY TESTED PER ANSI/ISA S82.01-1994.
- UNLESS OTHERWISE SPECIFIED ALL AC POWER WIRING TO BE 14 AWG.
- UNLESS OTHERWISE SPECIFIED ALL OTHER WIRING TO BE 20 AWG.
- ⑪ BELDEN P/N 8762, 2 CONDUCTOR SHIELDED CABLE (20 AWG.)
- ⑬ BELDEN P/N 9445, 5 CONDUCTOR CABLE (20 AWG.)
- ⑮ BELDEN P/N 8456 10 CONDUCTOR CABLE (22 AWG.)



REFERENCE DWG'S  
D-775267 FLOW DIAGRAM  
D-775268 O&MD  
D-775270 O&MD PROBE BOX

QTY	ITEM	PART NO	DESCRIPTION
1	H3		ENCLOSURE HEATER
1	RTC1		EAGLE SIGNAL DA2515A3 ON/OFF REPEAT CYCLE TIMER. OFF TIME: 30 HR-3.4 HR ON TIME: 120 SEC-12 SEC VOLTAGE: 115 VAC, 60 HZ
5	K1-5		DZ100-51 BEZEL KIT DZ100-54 PLUG-IN HOUSING
1	SW1		IDEC RH4BUAC-115VAC RELAY 4PDT COIL VOLTAGE : 115VAC CONTACT RATING : 10A @ 120VAC RESISTIVE. IDEC SH4B-05 SOCKET
1	SW2		ALLEN BRADLEY 800H-H2A MOMENTARY CONTACT PUSH BUTTON SWITCH
2	H1,2		ALLEN BRADLEY 800T-J2KD7B 3-POSITION SELECTOR SWITCH
1	T/C		HEATER
1	HTS		OMEGA 1C55-18-12 THERMOCOUPLE TYPE-J
1	SSR1		SELCO KO-425 EXPANSION THERMOSTAT
1	TIC-1		OPTO 22 120D45 SOLID STATE RELAY. CONTROL VOLTAGE : 3-32VDC. MAX. LINE VOLTAGE : 140VAC MAX. LOAD CURRENT : 45A
1	LC1		OMEGA FHS-1 HEAT SINK
2	CB1-4		DWYER 16110 TEMPERATURE CONTROLLER INPUT : THERMOCOUPLE OUTPUT 1 : SSR RATED SUPPLY VOLTAGE : 120 VAC, 60 HZ
1	CB1-4		SQUARE-D QO2-4L70S CIRCUIT BREAKER LOAD CENTER MAINS RATING: 70 AMPS PK7GT7A GROUND BAR KIT
2	CB1-4		SQUARE-D QOT1515 TANDEM CIRCUIT BREAKER RATED : 15 & 15A

BY	DATE	DESCRIPTION
DR G R LYEN	3-13-97	<b>Rosemount Analytical Inc.</b>
ENGR <i>66 8/26/96</i>	3-13-97	<b>LA HABRA, CALIFORNIA 91701</b>
RMT-CANADA P.O. 5010667 ROSEMOUNT ANALYTICAL SY 10206		TITLE INTERCONNECT WIRING DIAGRAM SO2 MONITORING SYSTEM
D SIZE	SCALE NONE	DWG NO. 775269
SHEET 1 OF 3		