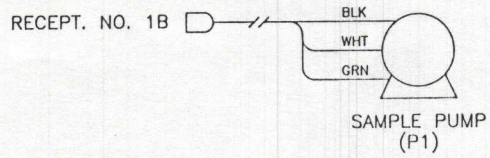
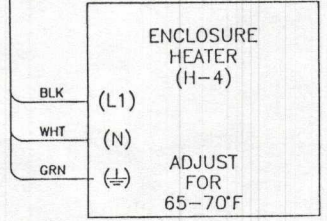
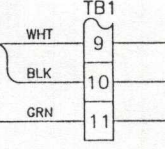
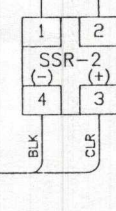
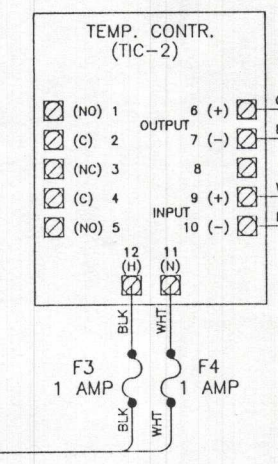
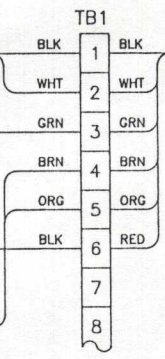
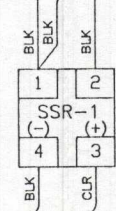
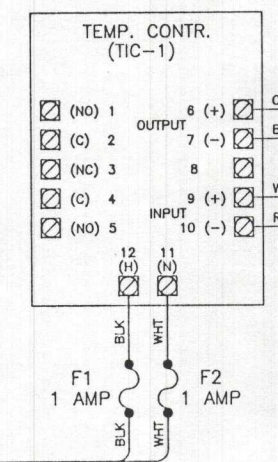


- NOTES :
1. NEC AREA CLASSIFICATION:
    - ☑ NON-HAZARDOUS
    - ☐ CLASS I, DIVISION 2, GROUPS B, C & D
    - ☐ CLASS I, DIVISION 1, GROUPS B, C & D
  2. READILY ACCESSIBLE MAIN POWER DISCONNECT TO BE PROVIDED BY CUSTOMER.
  3. ELECTRICAL INSTALLATION TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (ANSI/NFPA 70) AND/OR OTHER APPLICABLE NATIONAL OR LOCAL CODES.
  4. A GROUND STRAP IS TO BE CONNECTED BETWEEN MAIN FRAME ASSEMBLY/ENCLOSURE AND ALL DOORS/REMOVABLE TOPS, BASES, AND SIDE PANELS
  5. SYSTEM TO BE HI POT TESTED AND GROUND CONTINUITY TESTED PER ANSI/ISA S82.01-1994.
  6. UNLESS OTHERWISE SPECIFIED ALL AC POWER WIRING TO BE 12 AWG.
  7. UNLESS OTHERWISE SPECIFIED ALL OTHER WIRING TO BE 20 AWG.
  8. SYSTEM TO BE CSA APPROVED.
  9. ALL ELECTRICAL COMPONENTS TO HAVE AGENCY APPROVAL

- 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.)

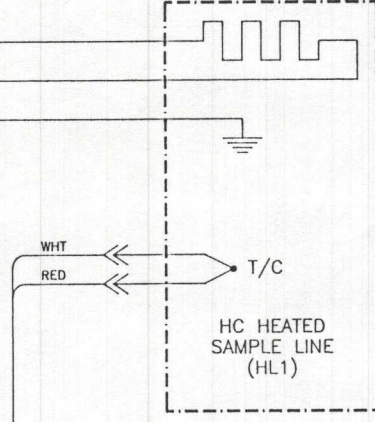
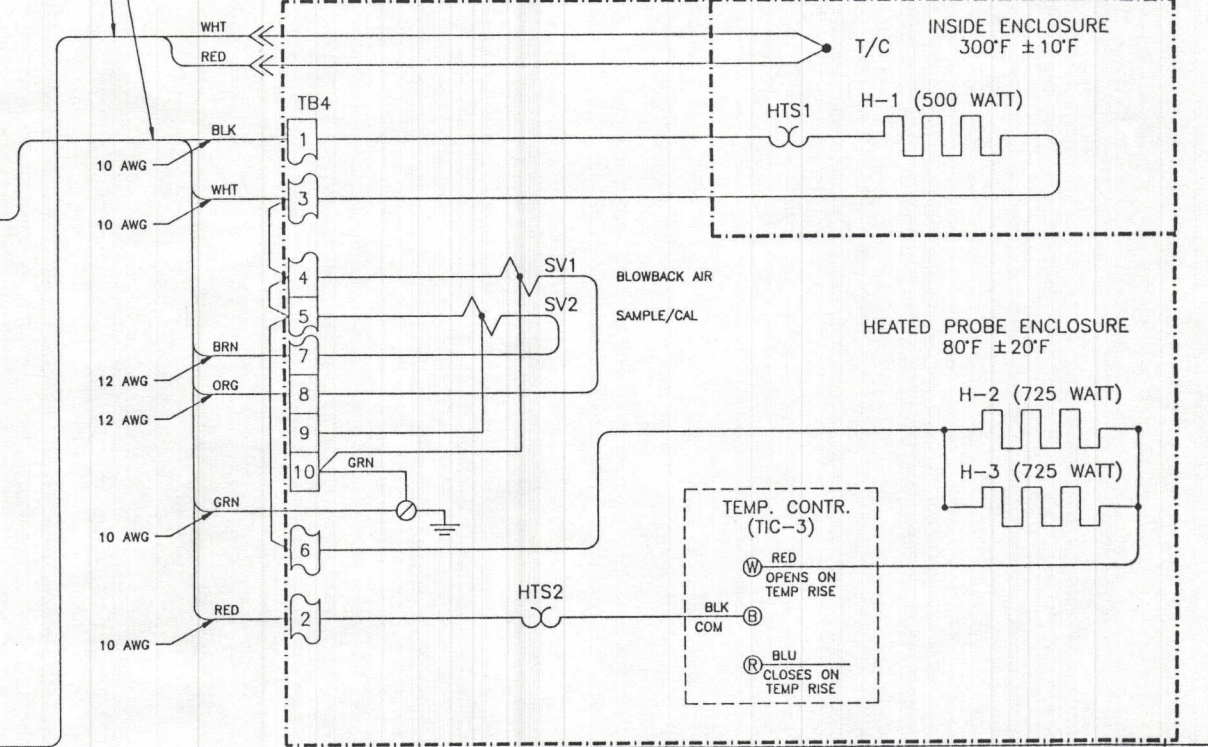
RECEPT. NO. 1A  
SO2 ANALYZER  
RECEPT. NO. 1B  
THERMOCOOLER  
SAMPLE PUMP



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

12, 10 AWG AND THERMOCOUPLE WIRES FROM HEAT TRACED SAMPLE LINE

AT STACK



QTY	ITEM	PART NO	DESCRIPTION
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		IDEC RH4BUAC-115VAC RELAY 4PDT COIL VOLTAGE : 115VAC CONTACT RATING : 10A @ 120VAC RESISTIVE. IDEC SH4B-05 SOCKET
1	SW1		ALLEN BRADLEY 800T-A2AP MOMENTARY CONTACT PUSH BUTTON SWITCH
1	SW2		ALLEN BRADLEY 800T-J2KD7B 3-POSITION SELECTOR SWITCH
1	H1		WATLOW SGA1J8AW10 HEATER, 500 WATT
1	T/C		OMEGA 1CSS-18-12 THERMOCOUPLE TYPE-J
1	HTS1		SELCO KO-425 EXPANSION THERMOSTAT
2	SSR1,2		OPTO 22 120D45 SOLID STATE RELAY. CONTROL VOLTAGE : 3-32VDC. MAX. LINE VOLTAGE : 140VAC MAX. LOAD CURRENT : 45A OMEGA FHS-1 HEAT SINK
2	TIC1,2		EUROTHERM 91EPID TEMPERATURE CONTROLLER INPUT : THERMOCOUPLE OUTPUT 1 : SSR RATED SUPPLY VOLTAGE : 120 VAC, 60 HZ
1	LC1		SQUARE-D Q0612L100DS CIRCUIT BREAKER LOAD CENTER MAINS RATING: 100 AMPS PK7GT7A GROUND BAR KIT
1	CB2		SQUARE-D QOT115 CIRCUIT BREAKER, 15A
1	CB3		SQUARE-D QOT125 CIRCUIT BREAKER, 25A
1	CB5		SQUARE-D QOT120 CIRCUIT BREAKER RATED : 20A
1	CB4		SQUARE-D Q012EPD GROUND FAULT CIRCUIT BREAKER. RATED : 20A

QTY	ITEM	PART NO	DESCRIPTION
1	HTS2		SELCO KHSO-120, 120°F SET TEMP
1	TIC3		CHROMALOX WCRT-100 THERMOSTAT
2	H2,3		VULCAN OSF1510725A HEATER, 725 WATT
1	H4		HOFFMAN D-AH8001B ENCLOSURE HEATER 800 WATT

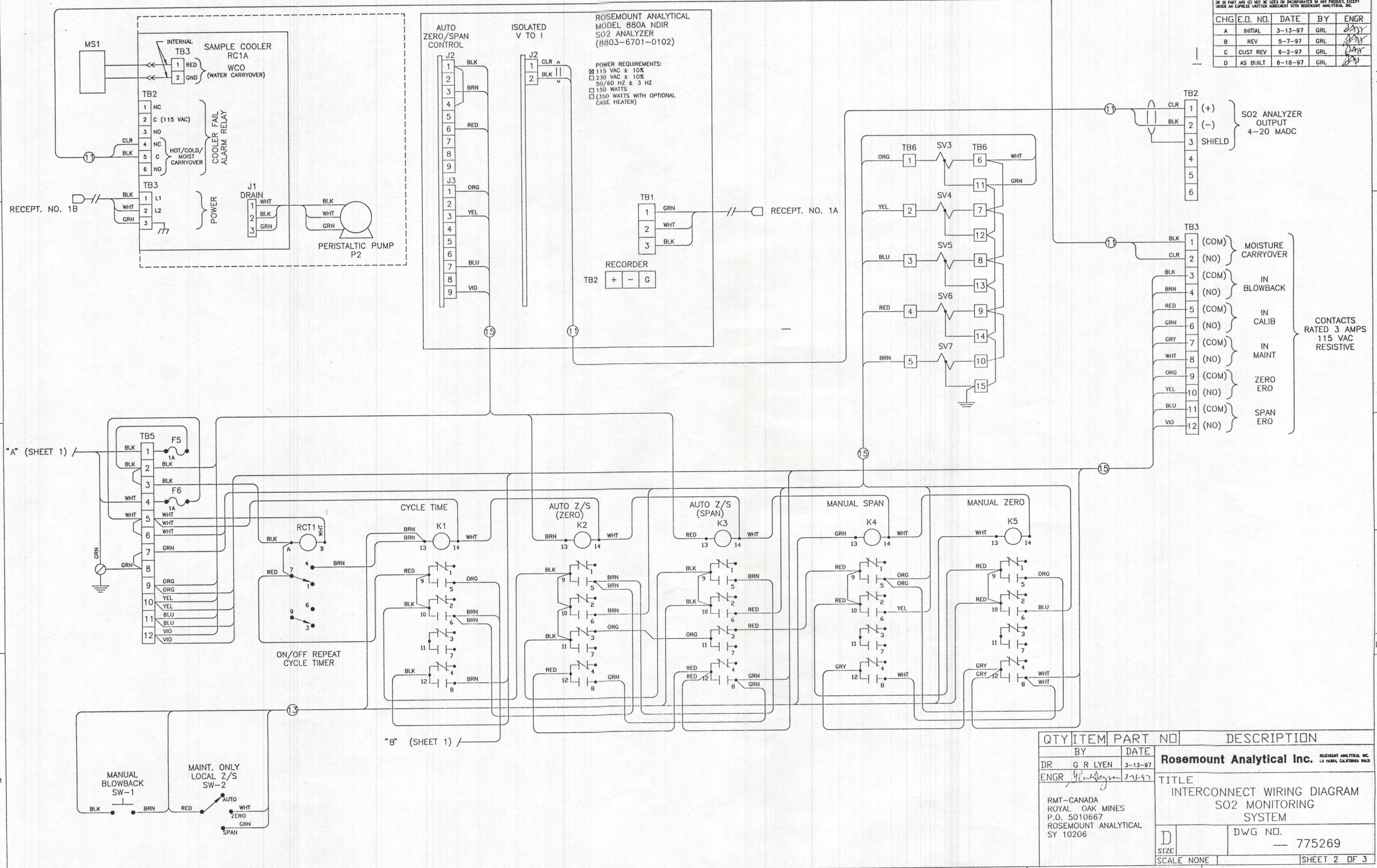
DR	G R LYEN	3-13-97
ENGR	<i>[Signature]</i>	3-13-97
RMT-CANADA ROYAL OAK MINES P.O. 5010667 ROSEMOUNT ANALYTICAL SY 10206		
Rosemount Analytical Inc. ROSEMOUNT ANALYTICAL INC. LA HABRA, CALIFORNIA 90631		
TITLE INTERCONNECT WIRING DIAGRAM SO2 MONITORING SYSTEM		
D	DWG NO. 775269	
SCALE NONE	SHEET 1 OF 3	

CHG	E.O. NO.	DATE	BY	ENGR
A	INITIAL	3-13-97	GRL	<i>[Signature]</i>
B	REV	5-7-97	GRL	<i>[Signature]</i>
C	CUST REV	6-2-97	GRL	<i>[Signature]</i>
D	AS BUILT	6-18-97	GRL	<i>[Signature]</i>



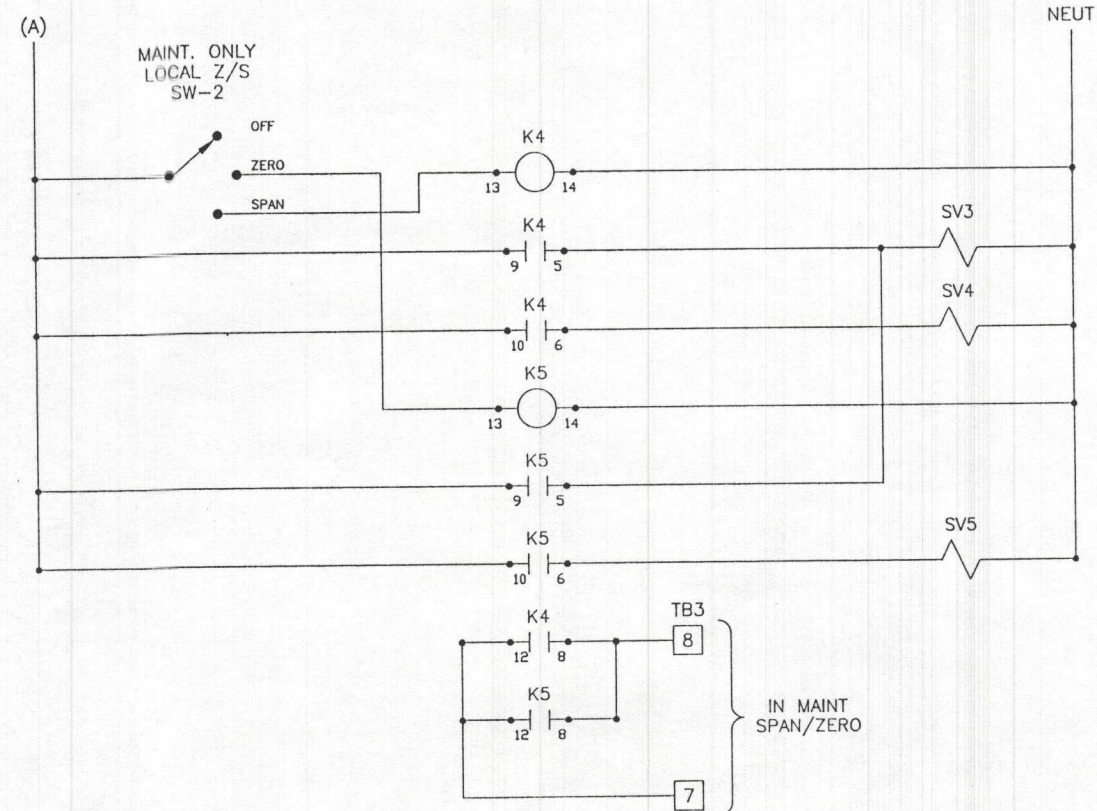
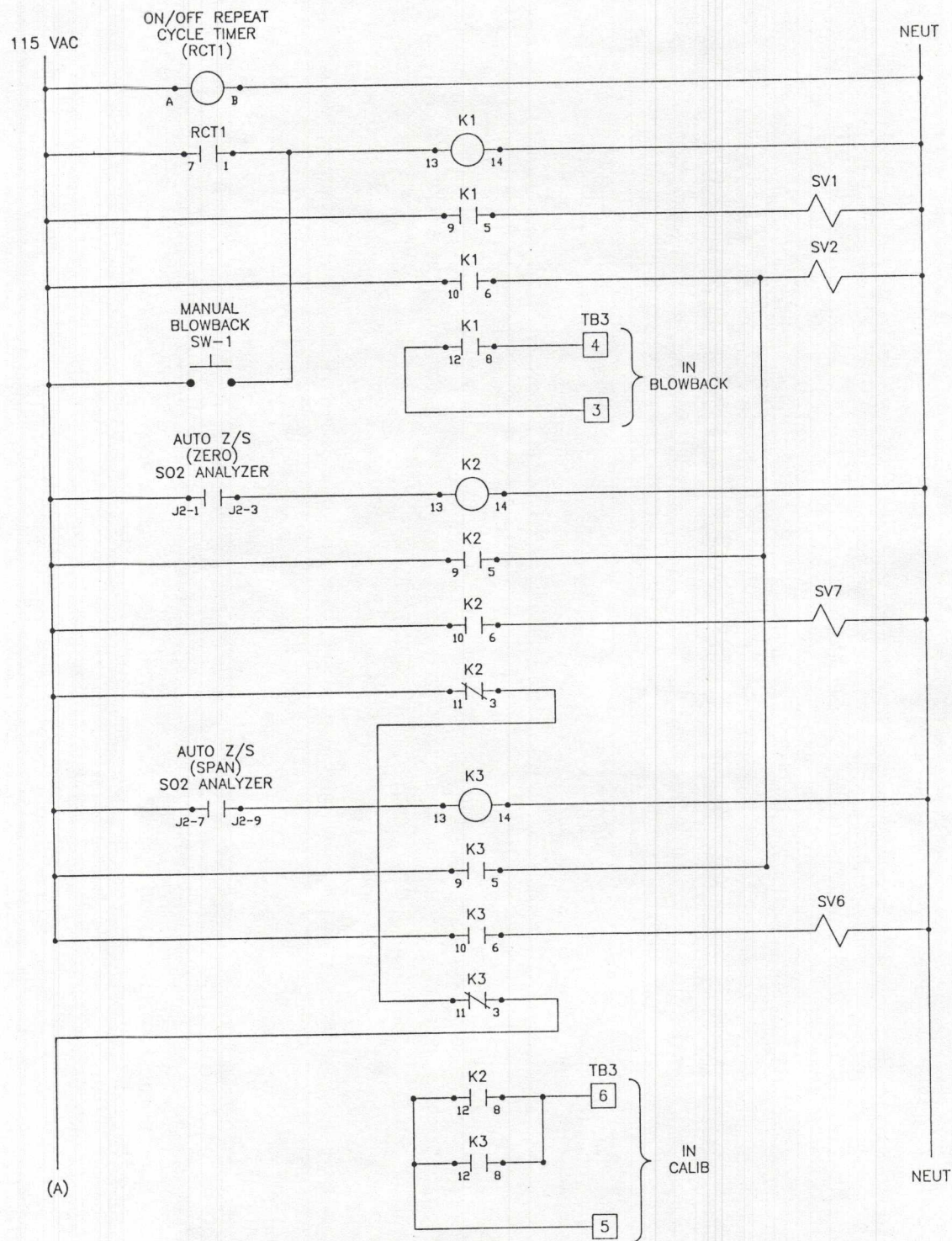
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CHG	E.O. NO.	DATE	BY	ENGR
A	INITIAL	3-13-97	GRL	<i>[Signature]</i>
B	REV	5-7-97	GRL	<i>[Signature]</i>
C	CUST REV	6-2-97	GRL	<i>[Signature]</i>
D	AS BUILT	6-18-97	GRL	<i>[Signature]</i>



QTY	ITEM	PART NO	DESCRIPTION
BY	DATE	<b>Rosemount Analytical Inc.</b> ROSEMOUNT ANALYTICAL INC. LA HABRA, CALIFORNIA 90631	
DR G R LYEN	3-13-97	TITLE	
ENGR <i>[Signature]</i>	3-13-97	INTERCONNECT WIRING DIAGRAM SO2 MONITORING SYSTEM	
RMT-CANADA ROYAL OAK MINES P.O. 5010667 ROSEMOUNT ANALYTICAL SY 10206		D SIZE SCALE NONE	DWG NO. — 775269 SHEET 2 OF 3





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CHG	E.O. NO.	DATE	BY	ENGR
A	INITIAL	3-13-97	GRL	
B	REV	5-7-97	GRL	
C	CUST REV	6-2-97	GRL	
D	AS BUILT	6-18-97	GRL	

QTY	ITEM	PART NO	DESCRIPTION
BY	DATE	Rosemount Analytical Inc. <small>ROSEMOUNT ANALYTICAL, INC. LA HABRA, CALIFORNIA 90631</small>	
DR G R LYEN	3-13-97	TITLE INTERCONNECT WIRING DIAGRAM SO2 MONITORING SYSTEM	
ENGR <i>Scudry</i>	3-13-97		
RMT-CANADA ROYAL OAK MINES P.O. 5010667 ROSEMOUNT ANALYTICAL SY 10206			DWG NO. — 775269
SIZE SCALE NONE	SHEET 3 OF 3		