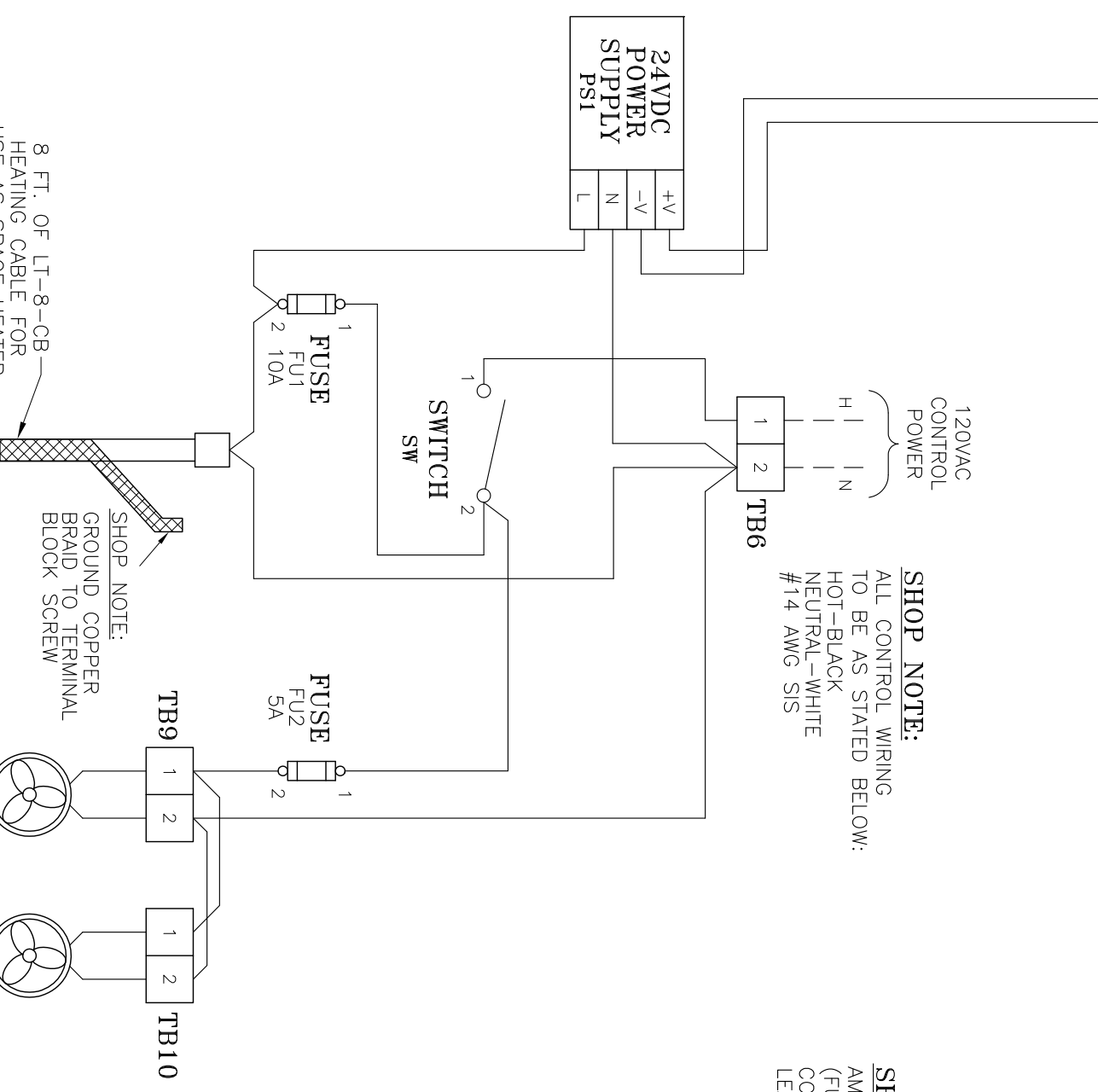


DOOR REAR VIEW



RTD TERMINAL BLOCKS
(FIELD CONNECTION)

LINE B	LINE C	LINE D	LINE E	LINE F	LINE G	LINE H	LINE I	LINE J	LINE K	LINE L	LINE M	LINE N	LINE O	LINE P	LINE Q	LINE R	LINE S	LINE T	LINE U	LINE V	LINE W	LINE X	LINE Y	LINE Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

T/C TERMINAL BLOCKS
(FIELD CONNECTION)

LINE B	LINE C	LINE D	LINE E	LINE F	LINE G	LINE H	LINE I	LINE J	LINE K	LINE L	LINE M	LINE N	LINE O	LINE P	LINE Q	LINE R	LINE S	LINE T	LINE U	LINE V	LINE W	LINE X	LINE Y	LINE Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

SHOP NOTE:
AMBIENT SENSOR (FURNISHED WITH NOT-BLACK NUT) TO BE AS STATED BELOW:
ALL CONTROL WIRING TO BE AS STATED BELOW:
CONTROL POWER

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AMBIENT SENSOR (FURNISHED WITH NOT-BLACK NUT) TO BE AS STATED BELOW:
ALL CONTROL WIRING TO BE AS STATED BELOW:
CONTROL POWER

NOTE:
RELAY COMMANDS FROM CUSTOMERS DISTRIBUTION PANEL 280 VOLTS MAX.

RELAY CARDS

LINE B	LINE C	LINE D	LINE E	LINE F	LINE G	LINE H	LINE I	LINE J	LINE K	LINE L	LINE M	LINE N	LINE O	LINE P	LINE Q	LINE R	LINE S	LINE T	LINE U	LINE V	LINE W	LINE X	LINE Y	LINE Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

CURRENT SENSE CARDS
K2-TB1-3, 4, 6, & 7

LINE B	LINE C	LINE D	LINE E	LINE F	LINE G	LINE H	LINE I	LINE J	LINE K	LINE L	LINE M	LINE N	LINE O	LINE P	LINE Q	LINE R	LINE S	LINE T	LINE U	LINE V	LINE W	LINE X	LINE Y	LINE Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

CURRENT SENSE CARDS

LINE B	LINE C	LINE D	LINE E	LINE F	LINE G	LINE H	LINE I	LINE J	LINE K	LINE L	LINE M	LINE N	LINE O	LINE P	LINE Q	LINE R	LINE S	LINE T	LINE U	LINE V	LINE W	LINE X	LINE Y	LINE Z
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

- NOTES:**
1. ALL WIRE SHALL BE BLACK #10 TYPE SIS UNLESS SHOWN OTHERWISE.
 2. DO NOT RUIN RIBBON CABLE IN DUCT WITH OTHER WIRES.
 3. ALL WIRES TO HAVE INSULATED SPADE LUGS & NATURAL TUBING WITH PRINTED WIRE NUMBERS. WIRES SHORTER THAN 24" WILL NOT HAVE PRINTED WIRE NUMBERS.
 4. DASHED LINES INDICATE FIELD WIRING.
 5. IF WIRE COLORS OF SUPPLIED RTD ARE DIFFERENT, FOLLOW SAME COLOR PATTERN SHOWN CONCERNING COLORS.
 6. GROUND ENCLOSURE PER APPLICABLE ELECTRICAL CODES.

REVISION

DATE	REVISION	BY	APP'D
03/07/08	MANUFACTURE	DMB	
	WIRING DIAGRAM		
	CR. MANAGEMENT SYSTEM W/GND FAULT		
	40 CIRCUIT 277VAC MAX. NEMA 12.4.&4X		
	CAT.NO. CM25F404-R2	CLASS 319	
	SC: NONE	D/L	

NELSON HEAT TRACING SYSTEMS
TULSA, OK, USA FAX (918)222-9308

REF: GD-0435 DATE 03/07/08
DSGN: DMB
APP'D: DMB 03/07/08
DOC#: GD-0436

GD-0436 R 0