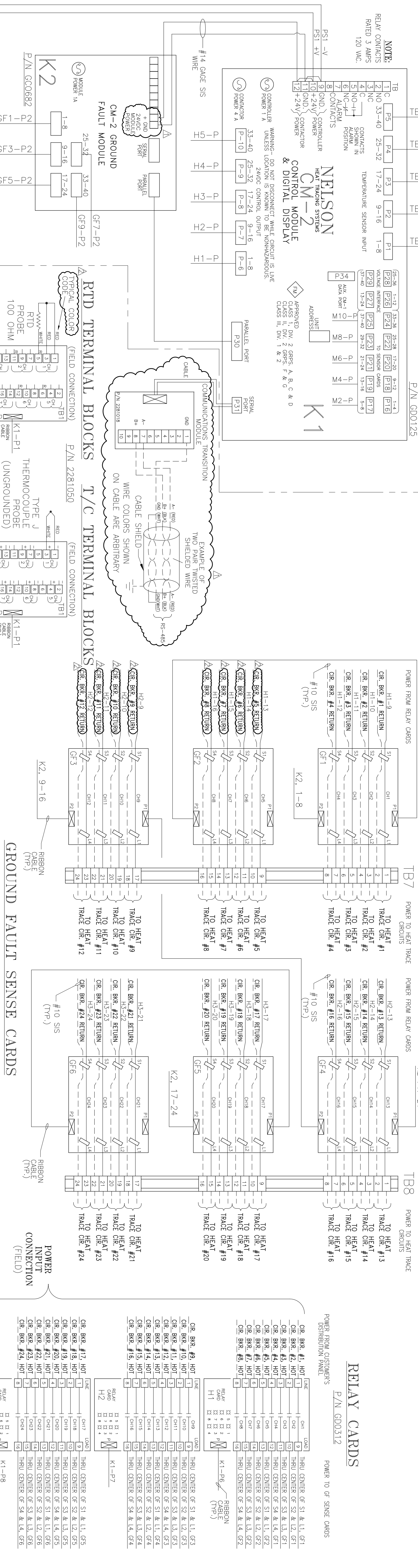


GROUND FAULT SENSE CARDS

P/N GC0680



RELAY CARDS

P/N GD0312

POWER FROM CUSTOMER'S DISTRIBUTION PANEL

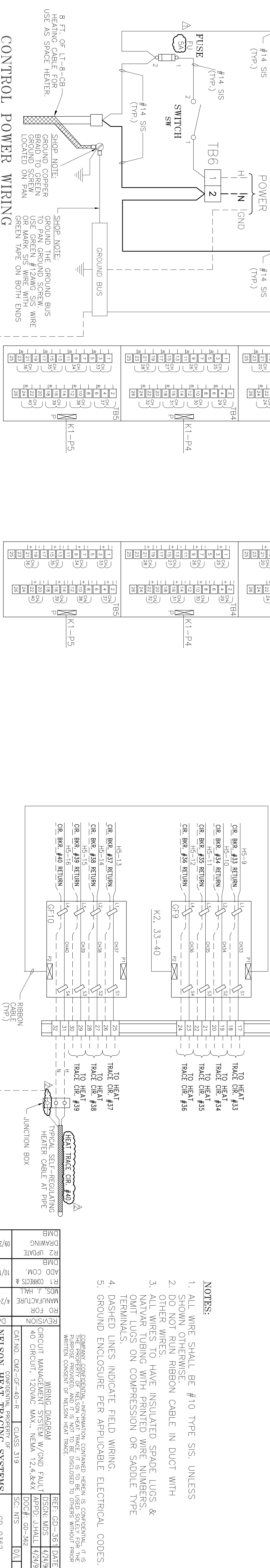
RELAY	NO	NC	COM	TERMINAL	DESCRIPTION
H1	1	2	3	1	THRU CENTER OF S1 & L1, GF1
	4	5	6	2	THRU CENTER OF S2 & L2, GF1
	7	8	9	3	THRU CENTER OF S3 & L3, GF1
	10	11	12	4	THRU CENTER OF S4 & L4, GF1
	13	14	15	5	THRU CENTER OF S1 & L1, GF2
	16	17	18	6	THRU CENTER OF S2 & L2, GF2
	19	20	21	7	THRU CENTER OF S3 & L3, GF2
	22	23	24	8	THRU CENTER OF S4 & L4, GF2
H2	1	2	3	9	THRU CENTER OF S1 & L1, GF3
	4	5	6	10	THRU CENTER OF S2 & L2, GF3
	7	8	9	11	THRU CENTER OF S3 & L3, GF3
	10	11	12	12	THRU CENTER OF S4 & L4, GF3
	13	14	15	13	THRU CENTER OF S1 & L1, GF4
	16	17	18	14	THRU CENTER OF S2 & L2, GF4
	19	20	21	15	THRU CENTER OF S3 & L3, GF4
	22	23	24	16	THRU CENTER OF S4 & L4, GF4
H3	1	2	3	17	THRU CENTER OF S1 & L1, GF5
	4	5	6	18	THRU CENTER OF S2 & L2, GF5
	7	8	9	19	THRU CENTER OF S3 & L3, GF5
	10	11	12	20	THRU CENTER OF S4 & L4, GF5
	13	14	15	21	THRU CENTER OF S1 & L1, GF6
	16	17	18	22	THRU CENTER OF S2 & L2, GF6
	19	20	21	23	THRU CENTER OF S3 & L3, GF6
	22	23	24	24	THRU CENTER OF S4 & L4, GF6
H4	1	2	3	25	THRU CENTER OF S1 & L1, GF7
	4	5	6	26	THRU CENTER OF S2 & L2, GF7
	7	8	9	27	THRU CENTER OF S3 & L3, GF7
	10	11	12	28	THRU CENTER OF S4 & L4, GF7
	13	14	15	29	THRU CENTER OF S1 & L1, GF8
	16	17	18	30	THRU CENTER OF S2 & L2, GF8
	19	20	21	31	THRU CENTER OF S3 & L3, GF8
	22	23	24	32	THRU CENTER OF S4 & L4, GF8
H5	1	2	3	33	THRU CENTER OF S1 & L1, GF9
	4	5	6	34	THRU CENTER OF S2 & L2, GF9
	7	8	9	35	THRU CENTER OF S3 & L3, GF9
	10	11	12	36	THRU CENTER OF S4 & L4, GF9
	13	14	15	37	THRU CENTER OF S1 & L1, GF10
	16	17	18	38	THRU CENTER OF S2 & L2, GF10
	19	20	21	39	THRU CENTER OF S3 & L3, GF10
	22	23	24	40	THRU CENTER OF S4 & L4, GF10

POWER TO HEAT TRACE CIRCUITS

NOTE: RELAY CONTACTS RATED 24VDC, 240VAC MAX.

NOTES:

1. ALL WIRE SHALL BE #10 TYPE SIS, UNLESS SHOWN OTHERWISE.
2. DO NOT RUN RIBBON CABLE IN DUCT WITH OTHER WIRES.
3. ALL WIRES TO HAVE INSULATED SPADE LUGS & NATAR TUBING WITH PRINTED WIRE NUMBERS. OMIT LUGS ON COMPRESSION OR SADDLE TYPE TERMINALS.
4. DASHED LINES INDICATE FIELD WIRING.
5. GROUND ENCLOSURE PER APPLICABLE ELECTRICAL CODES.



REV	DATE	MANUFACTURE	ADD COM.	UPDATE	DMB
1	10/11/01	MANUFACTURE	CONNECTS	UPDATE	DMB
2	4/24/96				
3	09/25/06				

WIRING DIAGRAM
CIRCUIT MANAGEMENT SYSTEM W/GND FAULT
40 CIRCUIT, 120VAC MAX., NEMA 12.4&4X
DATE NO. CM2-GF-40-R CLASS 319
DOC # GD-362
SC: NIS D/I

CONFERENTIAL PROPERTY OF NELSON HEAT TRACING SYSTEMS
TULSA, OK, USA FAX (918)222-8308
PHONE (918)222-8300

REF: GD-361 DATE 1/22/98
DSGN: MDS 1/22/98
APP'D: JHALL 1/22/98
GD-362

GD-0362 R 2