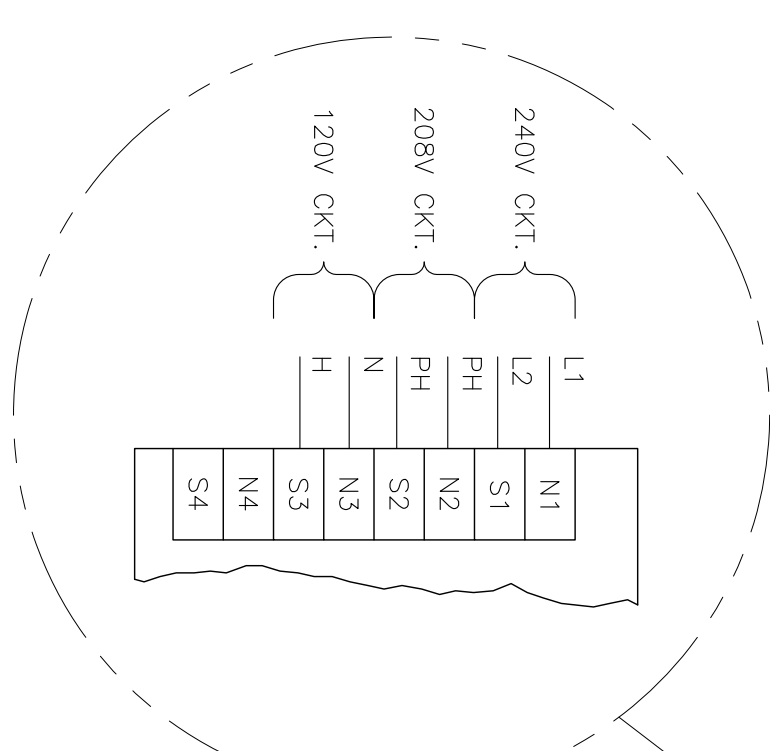


DOOR
REAR VIEW

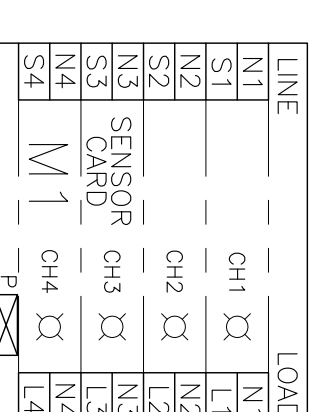
EXAMPLES OF POWER CONNECTIONS
CHOOSE ONE VOLTAGE
BASED ON AVAILABLE POWER



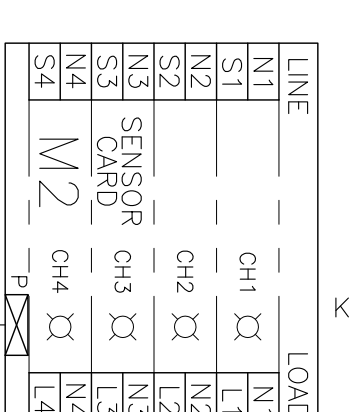
POWER INPUT (FIELD CONNECTION)

POWER INPUT (FIELD CONNECTION)

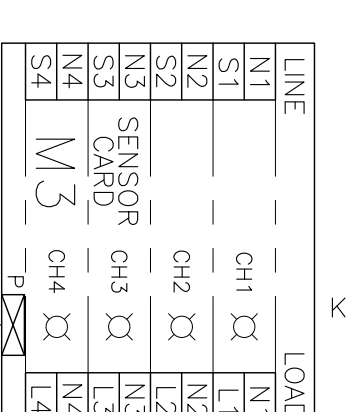
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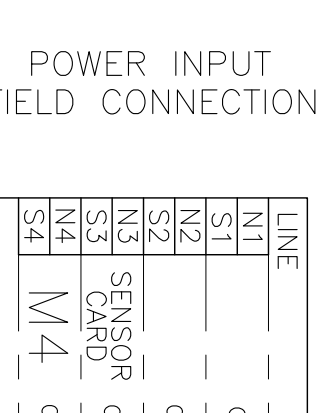
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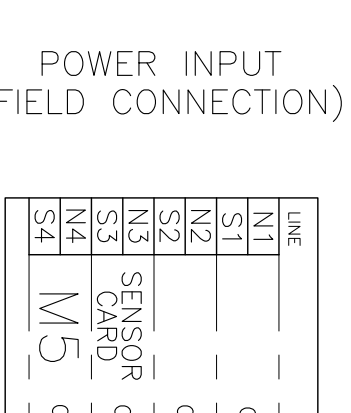
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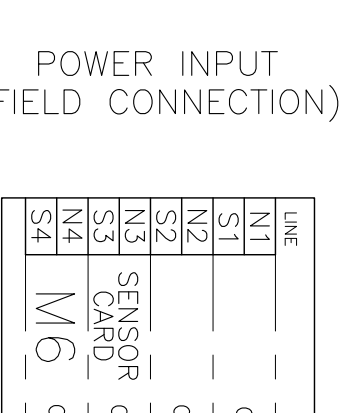
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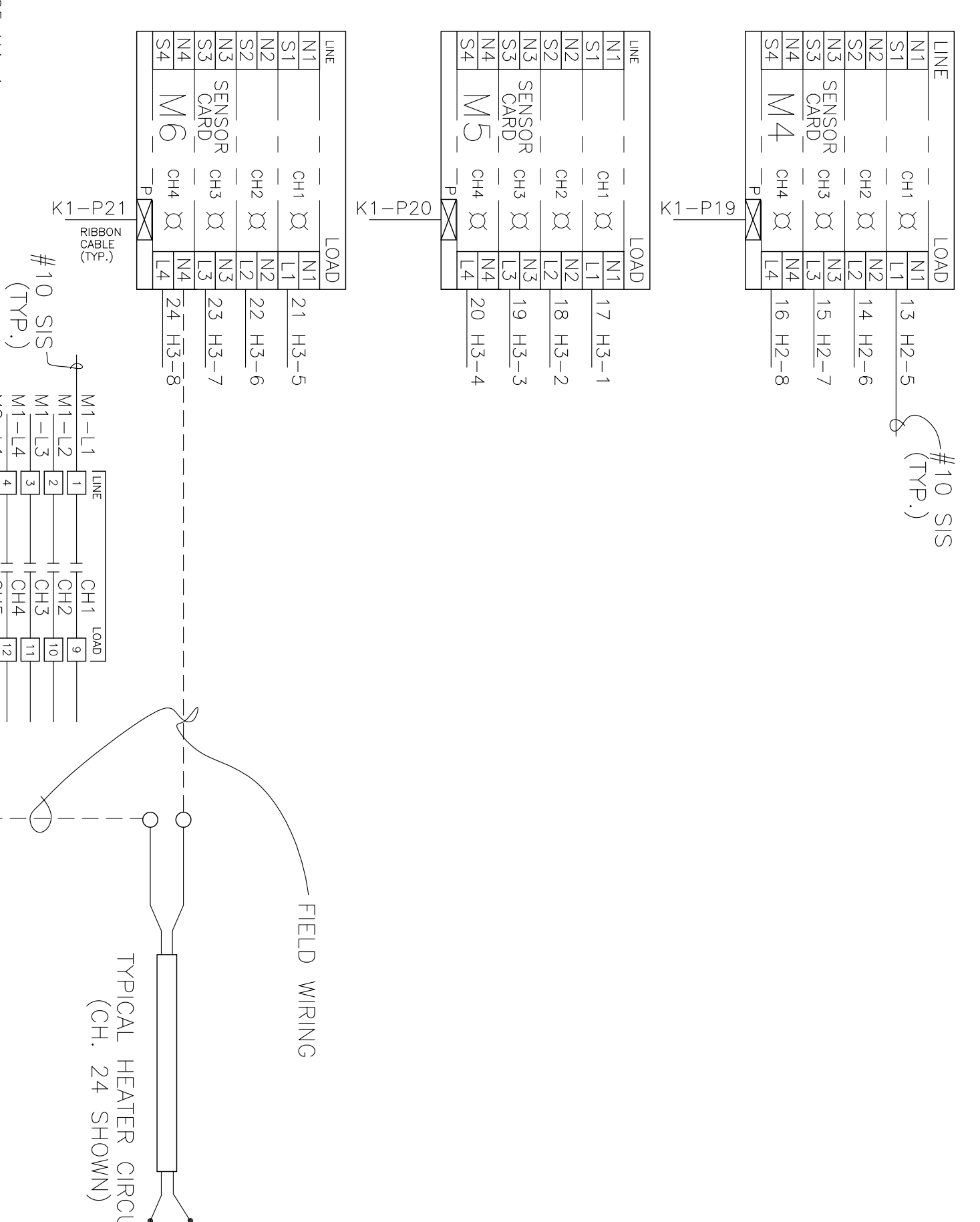
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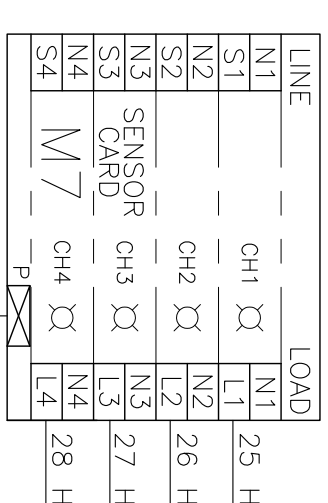
POWER INPUT (FIELD CONNECTION)



POWER INPUT (FIELD CONNECTION)

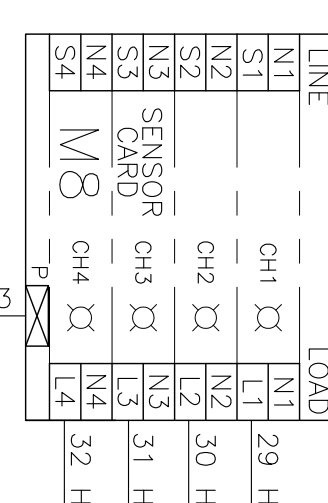


POWER INPUT (FIELD CONNECTION)



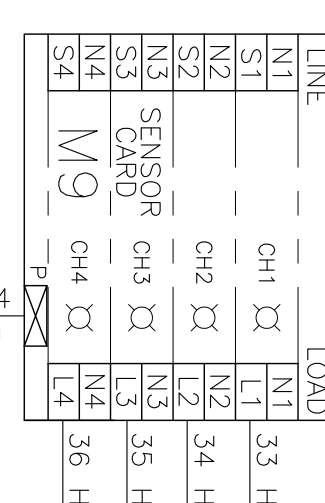
POWER INPUT (FIELD CONNECTION)

POWER INPUT (FIELD CONNECTION)



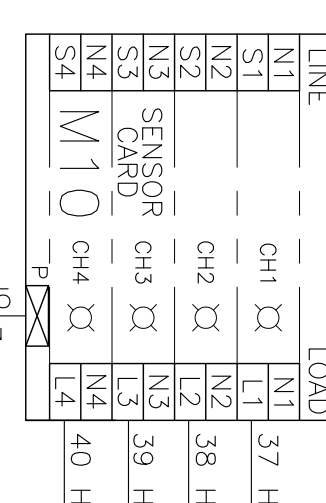
POWER INPUT (FIELD CONNECTION)

POWER INPUT (FIELD CONNECTION)



POWER INPUT (FIELD CONNECTION)

POWER INPUT (FIELD CONNECTION)



POWER INPUT (FIELD CONNECTION)

SENSOR CARDS

NOTE: RELAY CONTACTS RATED @ 24 VOLTS MAX.

RELAY CARDS

RELAY CARDS

LINE	LOAD
M1-L1	CH1 LOAD
M1-L2	CH2 LOAD
M1-L3	CH3 LOAD
M1-L4	CH4 LOAD
M2-L1	CH5 LOAD
M2-L2	CH6 LOAD
M2-L3	CH7 LOAD
M2-L4	CH8 LOAD
RELAY CARD H1	CH9 LOAD
M3-L1	CH9 LOAD
M3-L2	CH10 LOAD
M3-L3	CH11 LOAD
M3-L4	CH12 LOAD
M4-L1	CH13 LOAD
M4-L2	CH14 LOAD
M4-L3	CH15 LOAD
M4-L4	CH16 LOAD
RELAY CARD H2	CH17 LOAD
M5-L1	CH17 LOAD
M5-L2	CH18 LOAD
M5-L3	CH19 LOAD
M5-L4	CH20 LOAD
M6-L1	CH21 LOAD
M6-L2	CH22 LOAD
M6-L3	CH23 LOAD
M6-L4	CH24 LOAD
RELAY CARD H3	CH25 LOAD
M7-L1	CH25 LOAD
M7-L2	CH26 LOAD
M7-L3	CH27 LOAD
M7-L4	CH28 LOAD
M8-L1	CH29 LOAD
M8-L2	CH30 LOAD
M8-L3	CH31 LOAD
M8-L4	CH32 LOAD
RELAY CARD H4	CH33 LOAD
M9-L1	CH33 LOAD
M9-L2	CH34 LOAD
M9-L3	CH35 LOAD
M9-L4	CH36 LOAD
M10-L1	CH37 LOAD
M10-L2	CH38 LOAD
M10-L3	CH39 LOAD
M10-L4	CH40 LOAD
RELAY CARD H5	CH41 LOAD
M9-L1	CH33 LOAD
M9-L2	CH34 LOAD
M9-L3	CH35 LOAD
M9-L4	CH36 LOAD
M10-L1	CH37 LOAD
M10-L2	CH38 LOAD
M10-L3	CH39 LOAD
M10-L4	CH40 LOAD
RELAY CARD H5	CH41 LOAD

RELAY CARDS

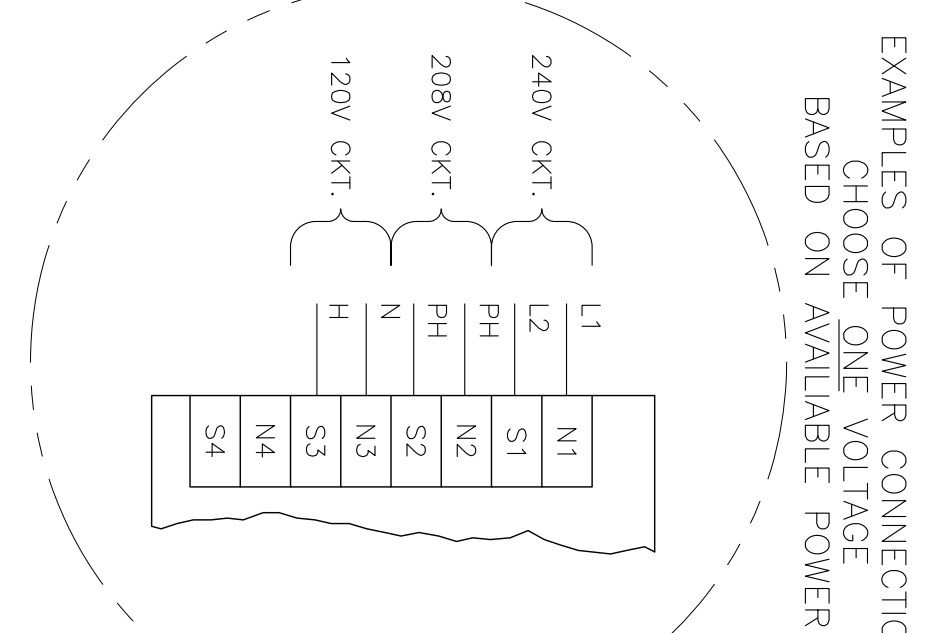
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WIRING DIAGRAM

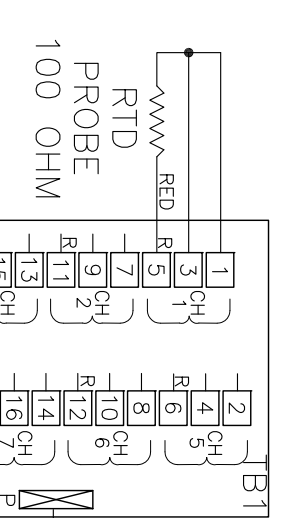
CIRCUIT MANAGEMENT SYSTEM
40 CIRCUIT 240VAC 30A MAXIMUM

CONFIDENTIAL PROPERTY OF NELSON HEAT TRACING SYSTEMS
TUSCA, Ok, USA FAX (918)222-9308
PHONE (918)222-9350

DATE 07/08

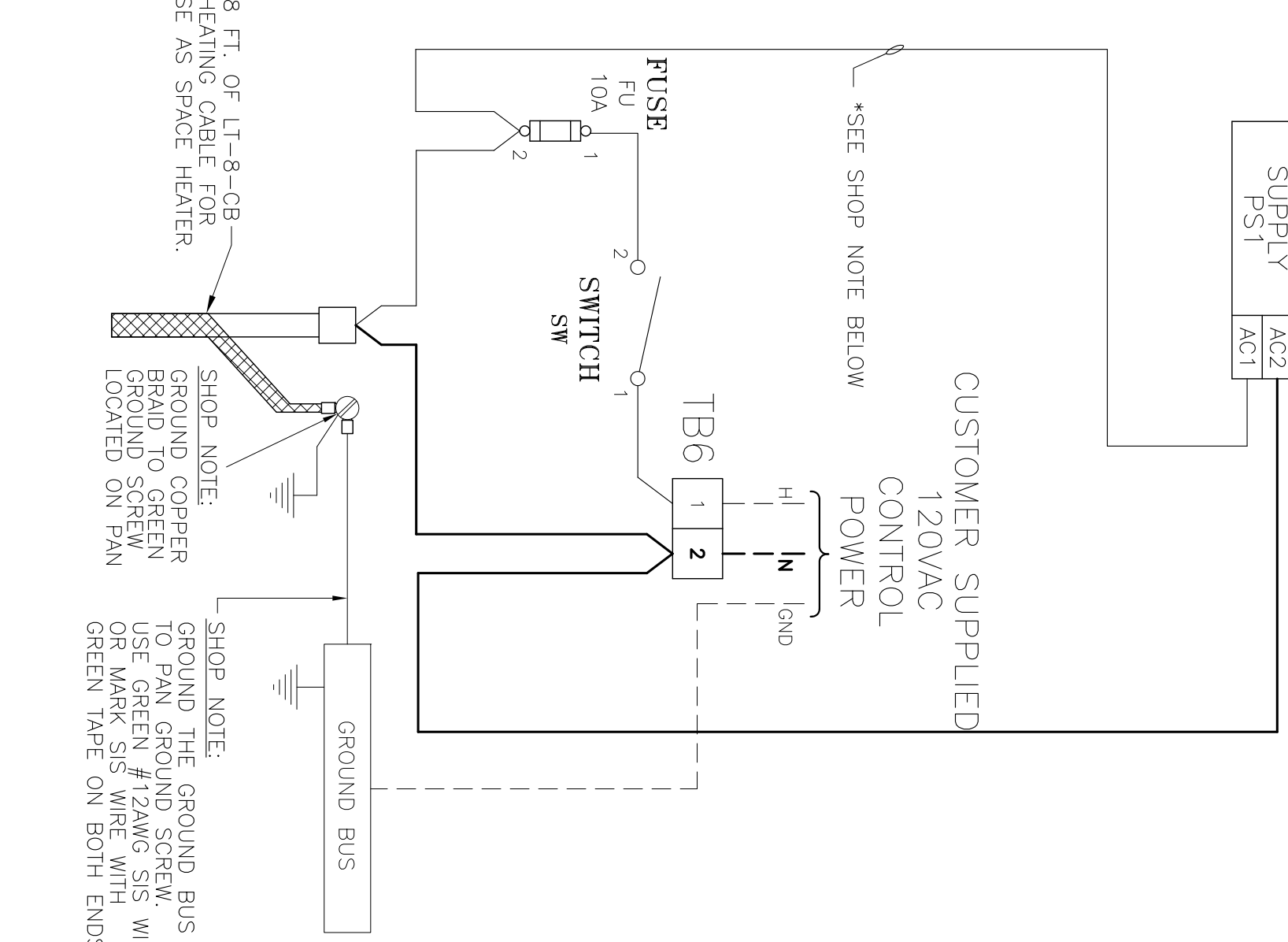


TYPE J
THERMOCOUPLE
PROBE
(UNGROUND)



SHOP NOTE:
AMBIENT SENSOR (FURNISHED WITH CONTROLLER) RED LEAD TO TERMINAL 26.

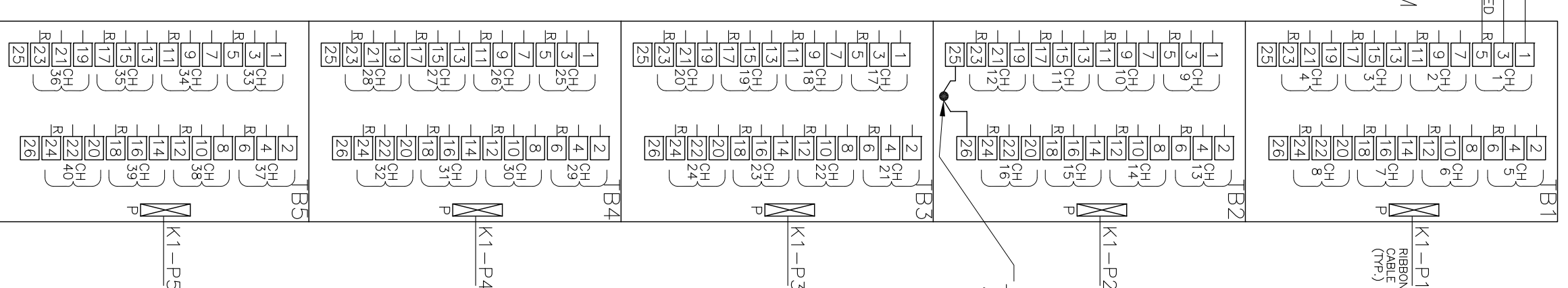
SHOP NOTE:
AMBIENT SENSOR (FURNISHED WITH CONTROLLER) RED LEAD TO TERMINAL 26.



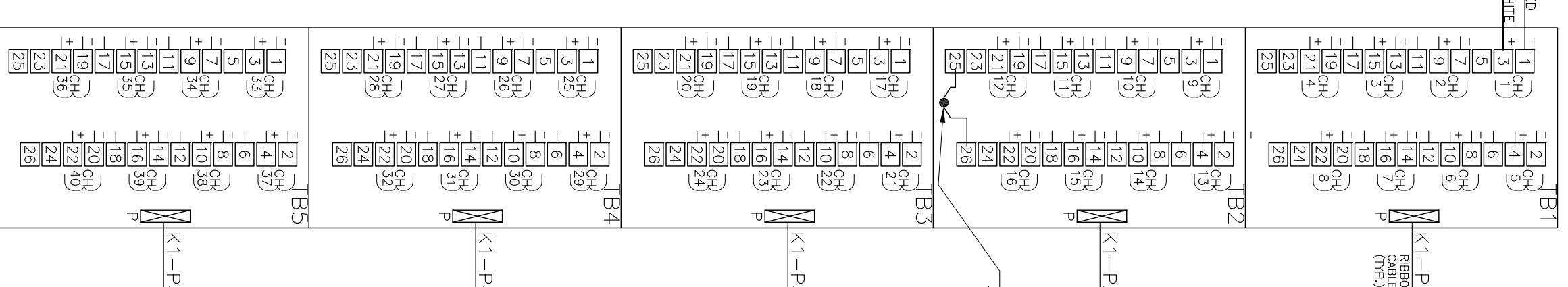
CONTROL POWER WIRING

SHOP NOTE:
*ALL CONTROL POWER WIRING TO BE #14 SIS WIRE

RTD TERMINAL BLOCKS (FIELD CONNECTION)



T/C TERMINAL BLOCKS (FIELD CONNECTION)



- 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 & NATURAL TUBING WITH PRINTED WIRE NUMBERS. OMIT LUGS ON COMPRESSION OR SADDLE TYPE TERMINALS.
 4. GROUND ENCLOSURE PER APPLICABLE ELECTRICAL CODES.