



NOTES:

1. ALL WIRE TO BE # 14 TYPE SIS, UNLESS SHOWN OTHERWISE.
2. ALL WIRE TO HAVE INSULATION SPADE TYPE LUGS AND NATVAR TUBING WITH PRINTED WIRE NUMBERS. OMIT THE LUG ON THE COMPRESSION OR SADDLE TYPE TERMINAL.
3. THIS PANELBOARD CAN USE EITHER STANDARD OR GFI BREAKERS. BREAKER #2 IS AN EXAMPLE OF A GFI BREAKER.
4. DASHED LINES INDICATE FIELD WIRING.
5. PANEL IS NORMALLY SUPPLIED IN THE CONFIGURATION SHOWN (I.E. A REMOTE MOUNTED THERMOSTAT). FOR AN INTERNAL THERMOSTAT USE OPTIONAL FORM "T", IF OPTIONAL FORM "T" IS USED, IGNORE WIRING ON TB1.
6. OPTIONAL FORM "SA" SHOULD BE SPECIFIED WHENEVER THE AMBIENT CONTROL PANEL WILL BE USED FOR MI CABLE APPLICATION.
7. PANELBOARD (PB) WILL ACCEPT EITHER PLUG-IN OR BOLT-ON BREAKERS, PLUG-IN ARE STANDARD.
8. FOR A SINGLE PHASE SOURCE, ELIMINATE X3 AND ATTACH NO WIRING TO L3 OF MAIN BREAKER (MB), ATTACH NO WIRING TO L3 & T3 CONTACTOR (C). THERE IS ALSO NO WIRING TO PHASE (C) OF PANELBOARD (PB).
9. PANEL MUST BE GROUNDED PER APPLICABLE ELECTRICAL CODES.

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REVISION	DATE	ISSUED FOR	MANUFACTURE	DATE
R1	01/07/03	ADD GROUND LUG.	MDS; JOE H.	9/23/95
DMB		BUS, & NOTE #9		

REF. DSGN.	MDS	DATE
GD-0355		5/23/95
APPD:	HALL	8/18/95
DOC#:	GC0665	
SC:	NONE	D/L

CLASS:	305
WIRING DIAGRAM	
AMBIENT CONTROL PANEL	
12 CIRCUIT 240VAC MAX. NEMA 12&4,4X	
CONFIDENTIAL PROPERTY OF NELSON HEAT TRACING SYSTEMS	
TULSA, OK, USA	
PHONE (918)627-5530	FAX (918)622-9308

GC-0665	R 1
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