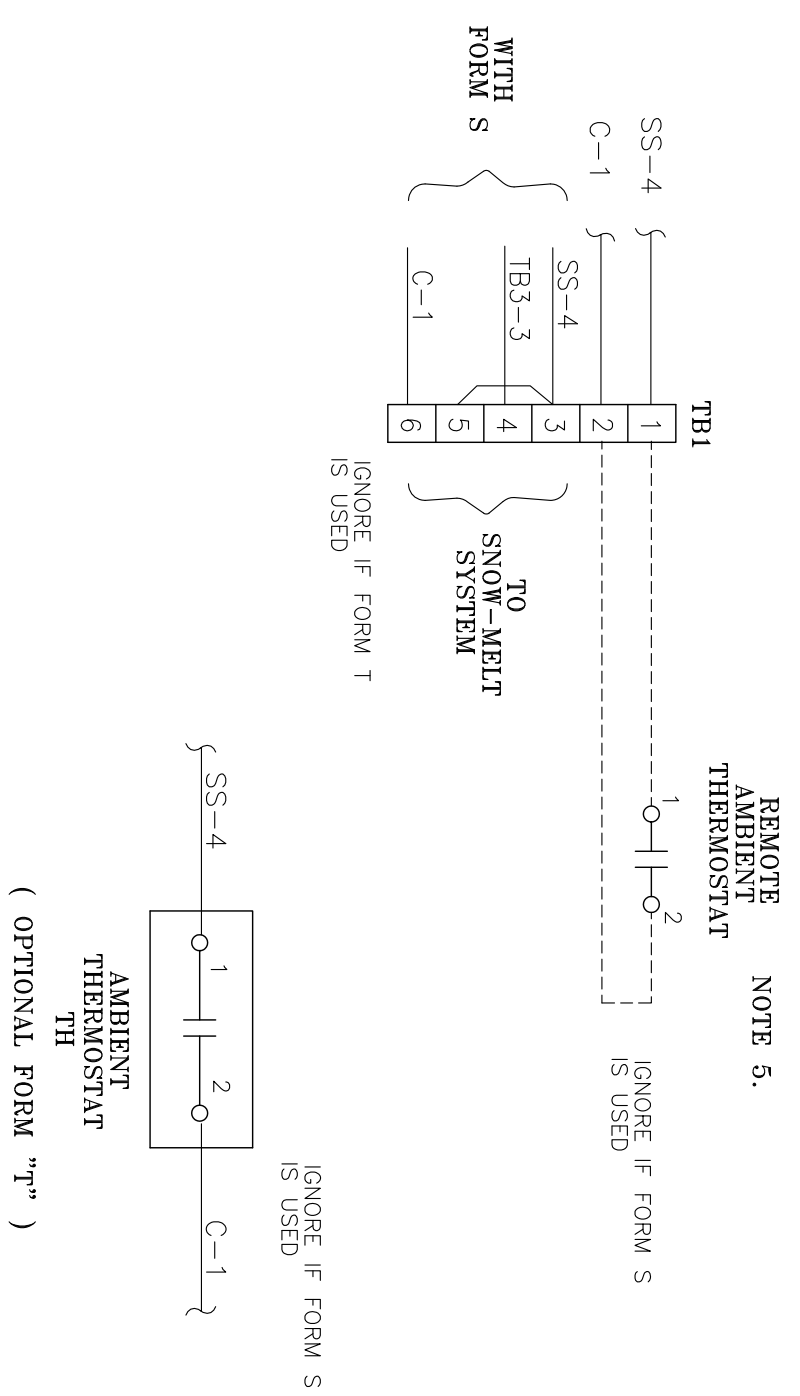
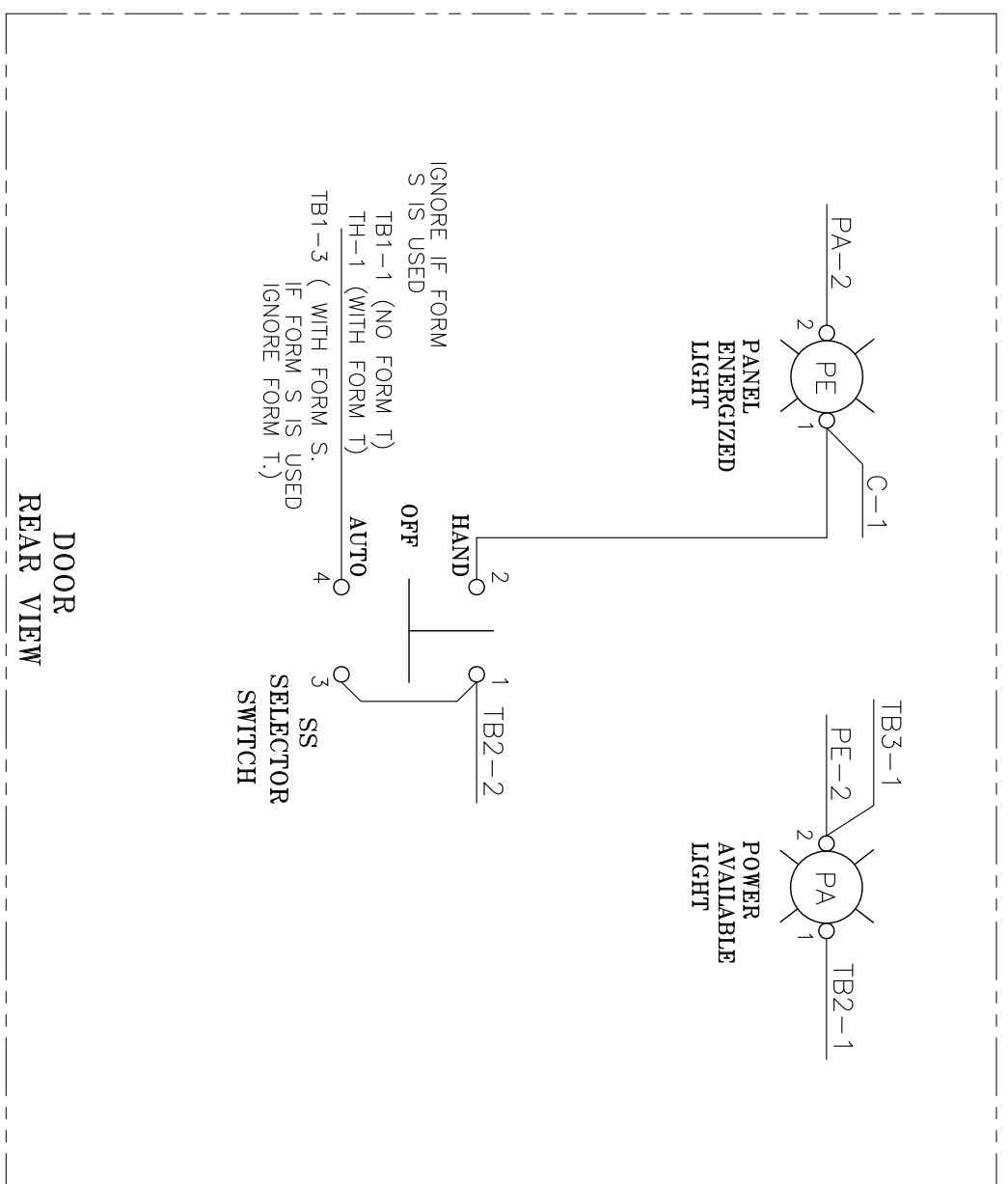
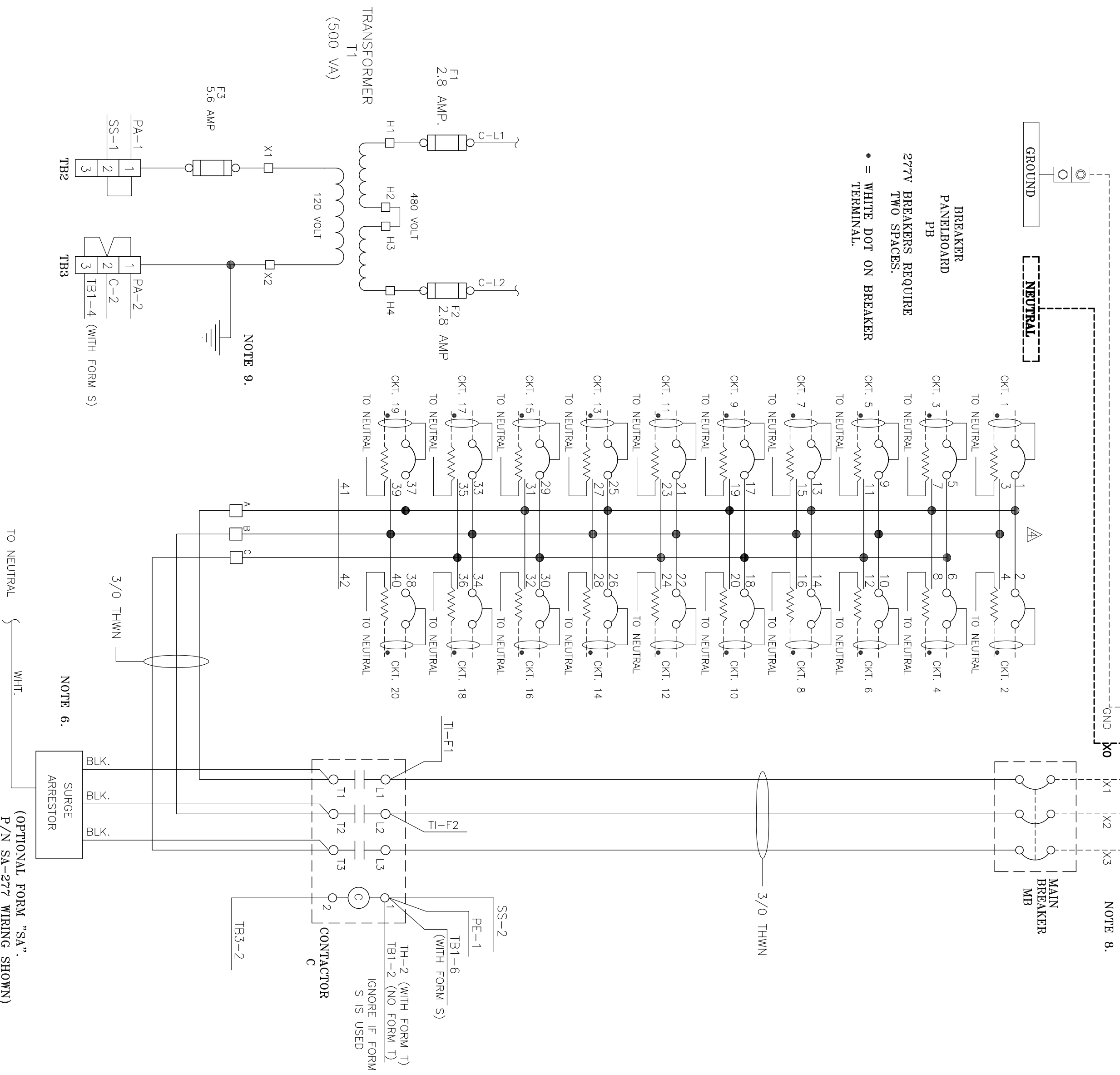


CUSTOMER'S THREE PHASE
FOUR WIRE 480/277V SOURCE W/ GROUND



- 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. FOR THIS DESIGN, GFI ARE SHOWN.
 4. DASHED LINES INDICATE FIELD WIRING.
 5. PANEL IS NORMALLY SUPPLIED IN THE CONFIGURATION SHOWN (I.E. FOR AN EXTERNAL 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 ONLY BOLT-ON BREAKERS.
 8. FOR A SINGLE PHASE SOURCE, ELIMINATE X3 AND ATTACH NO WIRING TO L3 OF MAIN BREAKER (MB). ATTACH NO WIRING TO L3 & T3 ON CONTACTOR (C). THERE IS ALSO NO WIRING TO PHASE (C) OF PANELBOARD (PB).
 9. GROUND X2 SIDE OF TRANSFORMER T1 TO PAN.
 10. OPTIONAL FORM S IS FOR SNOW-MELT APPLICATIONS. IF THIS FORM IS USED, IGNORE THERMOSTAT WIRING.
 11. GROUND PANELBOARD PER APPLICABLE ELECTRICAL CODES.



NOTE 6. (OPTIONAL FORM "SA" P/N SA-277 WIRING SHOWN)

| REVISION | DATE | RO ISSUED for | FORM USE | REVISION | DATE | REVISION | DATE |
|----------|----------|----------------|-------------|----------|----------|-------------------|-------------|
| R0 | 10/24/95 | MANUFACTURE | ULT. J.HALL | R2 | 12/1/95 | FORM USE | ULT. J.HALL |
| R3 | 12/5/95 | CHANGED | ULT. J.HALL | R3 | 12/5/95 | FUSE SIZE | JH:J.HALL |
| R4 | 08/27/01 | PANELBOARD | | R4 | 08/27/01 | PANELBOARD | |
| R5 | 06/29/07 | CHANGED WIRING | | R5 | 06/29/07 | FUSES & WIRE SIZE | |

| | | | |
|------------------------|-----------|---------------|----------|
| WIRING DIAGRAM | CLASS 304 | REF: GD-0358 | DATE |
| AMBIENT CONTROL PANEL | | DSGN: JLT | 10/24/95 |
| 20 CIRCUIT 277VAC MAX. | | APPD: JHALL | 10/25/95 |
| | | DOC#: GC-0674 | |
| | | SC: NONE | D/L |