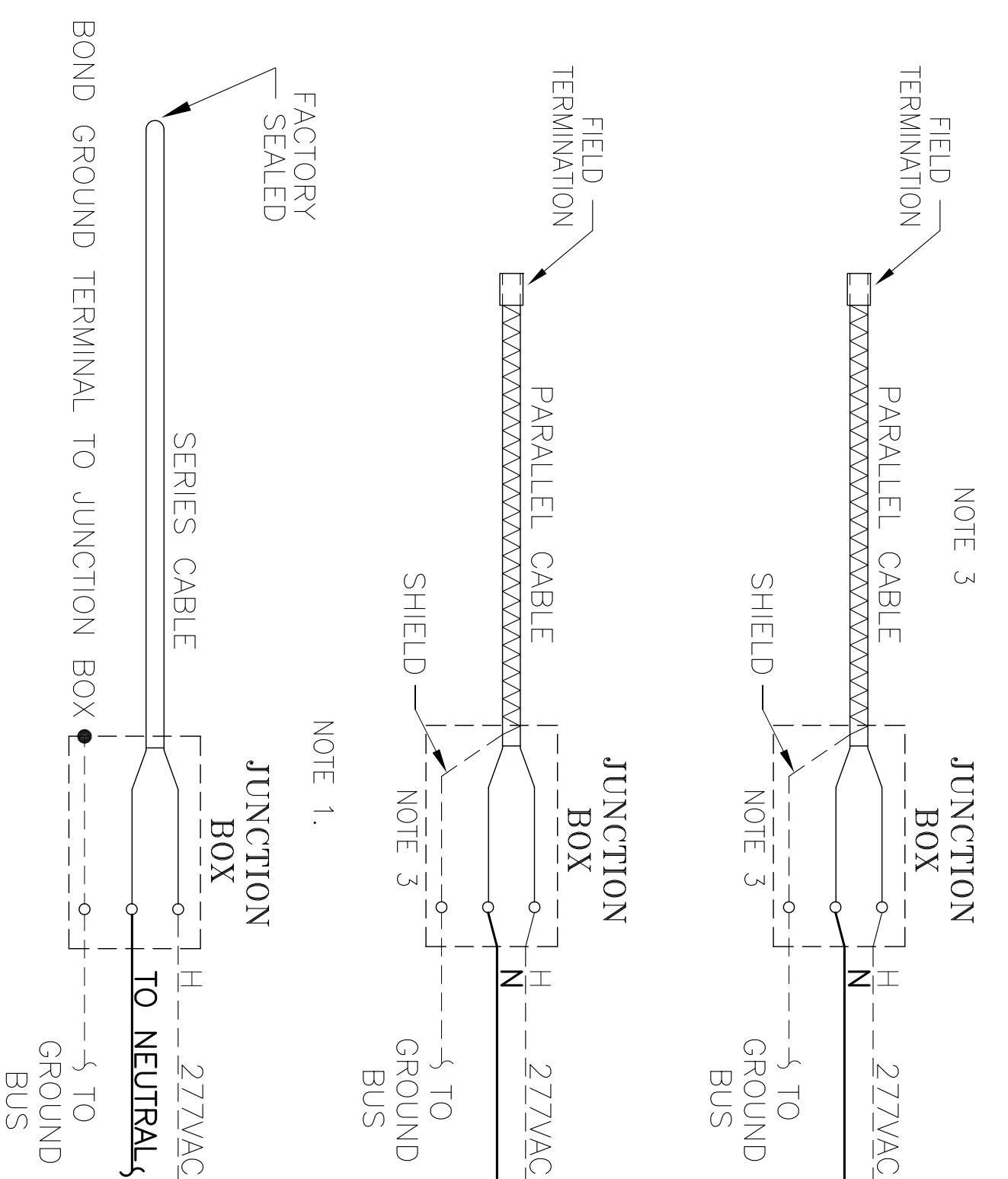
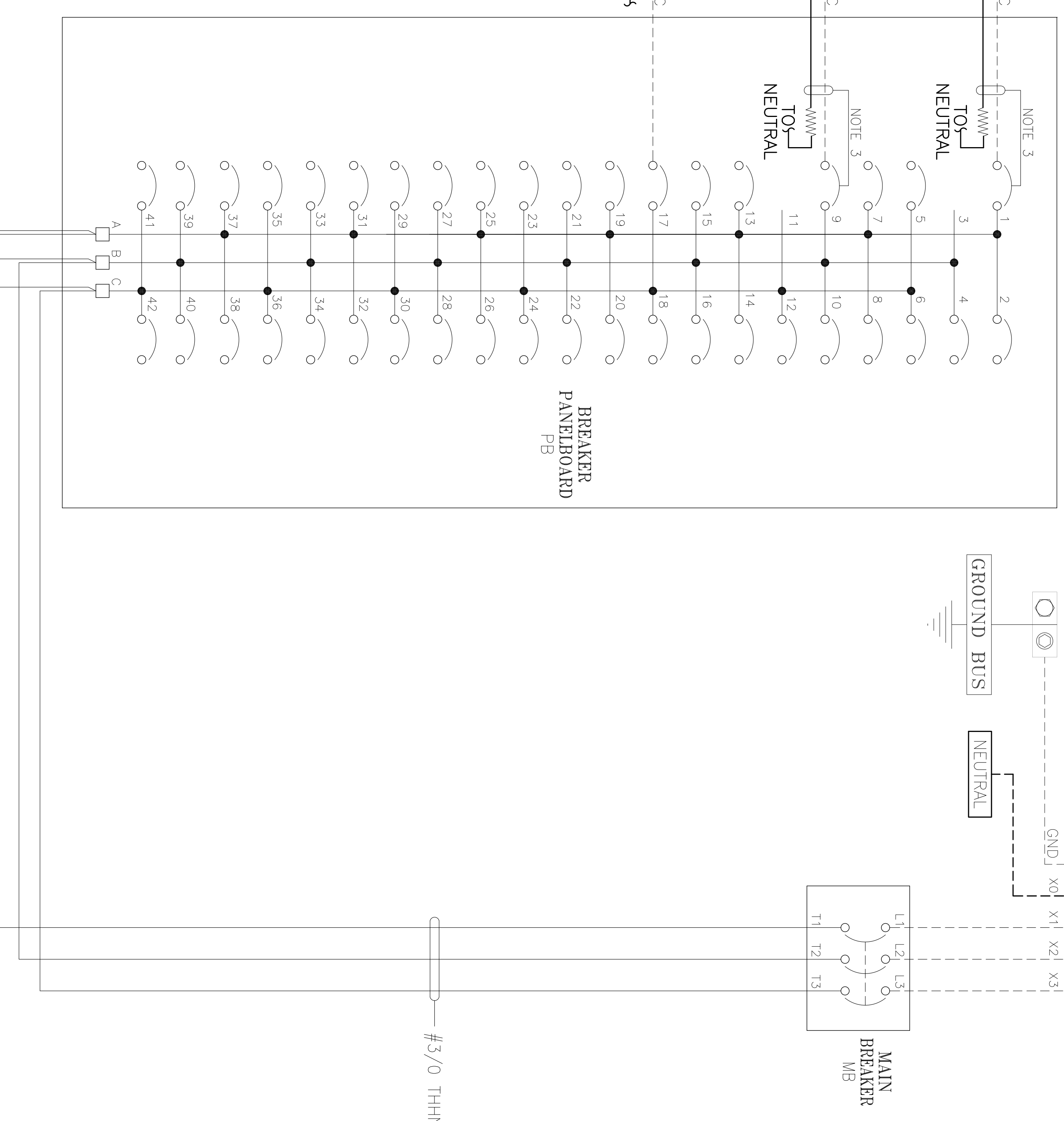
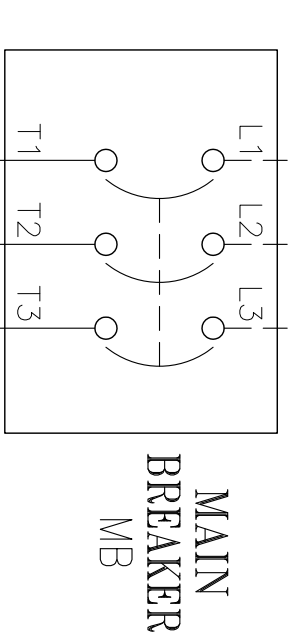
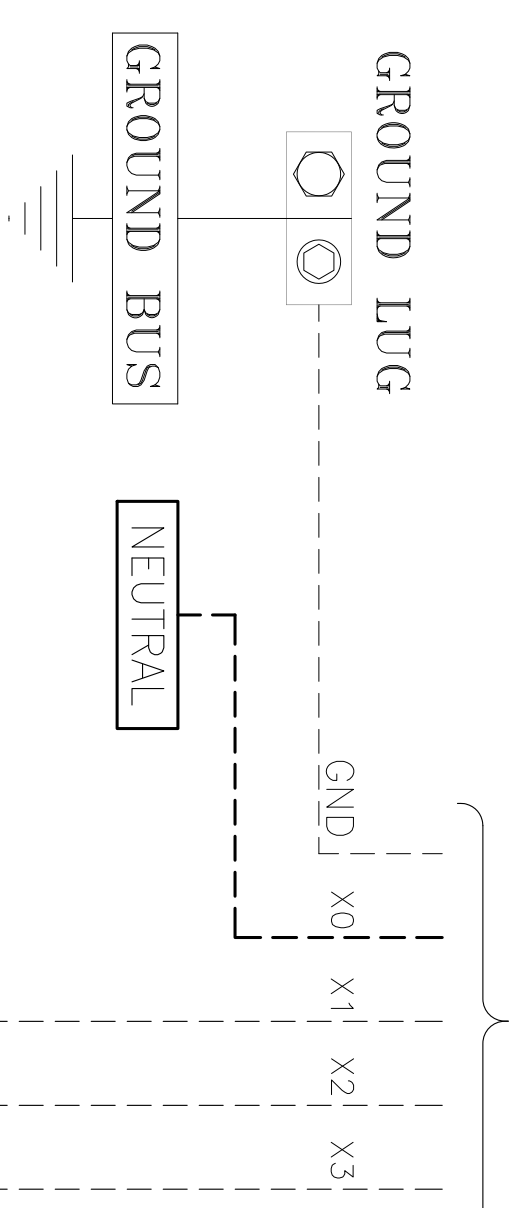


FIELD WIRING & HEAT TRACE EXAMPLES



CUSTOMER'S THREE PHASE,  
FOUR WIRE SOURCE W/EQUIPMENT GROUND  
480/277VAC, MAX.



- NOTES:
1. ALL WIRE TO BE #12 TYPE SIS, UNLESS SHOWN OTHERWISE.
  2. ALL WIRE TO HAVE INSULATED 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 GFEED BREAKERS. BREAKERS 1 & 9 ARE EXAMPLES OF GFEED BREAKERS POWERING SELF LIMITING HEAT TRACE. SINGLE POLE GFEED BREAKERS REQUIRE TWO PANELBOARD SPACES. BREAKER 17 IS AN EXAMPLE OF A STANDARD BREAKER POWERING MINERAL INSULATED (MI) HEAT TRACE. STANDARD BREAKERS REQUIRE ONE PANELBOARD SPACE.
  4. DASHED LINES INDICATE FIELD WIRING.
  5. OPTIONAL FORM "SA" (SURGE ARRESTOR) SHOULD BE SPECIFIED IF THE PANEL IS USED FOR A MI CABLE APPLICATION.
  6. PANEL MUST BE GROUNDED PER APPLICABLE ELECTRICAL CODES.
  7. PANEL AND CONDUIT MUST BE MAINTAINED DRY OR BREAKER TRIPPING MAY OCCURE.

REFERENCE DRAWINGS

NON-DISCONNECT ENCLOSURE DISCONNECT ENCLOSURE  
GD-0418 ASSEMBLY DWG GD-0418 ASSEMBLY DWG  
GD-0418 ASSEMBLY DWG GD-0418 ASSEMBLY DWG

REVISION	DATE	ISSUED FOR	DATE
DMB	04/14/08	MANUFACTURE	

DATE	DATE	DATE	DATE
REF: 600418	DATE	DSON: DMB	DATE
WIRING DIAGRAM	DATE	APPD: DMB	DATE
DISTRIBUTION PANEL 2000	DATE	DOC#: 600419	DATE
480/277VAC, NEMA 12, 4, 4X	DATE	SC: NONE	DATE
CAT# DP20PC	CLASS: 305		
CONFIDENTIAL PROPERTY OF NELSON HEAT TRACING SYSTEMS			
NELSON HEAT TRACING SYSTEMS			
TULSA, OK, USA			
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