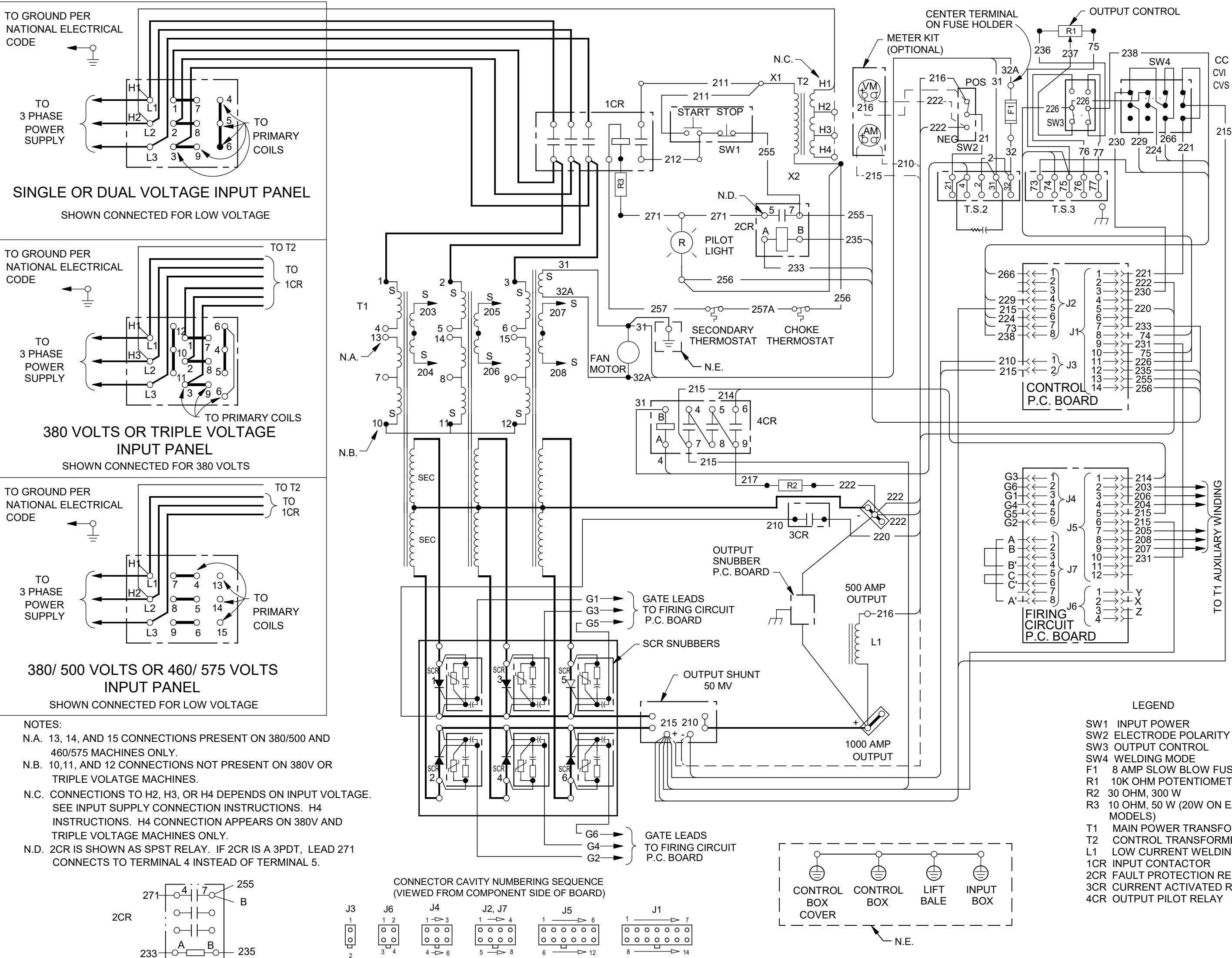


DC-1000 WIRING DIAGRAM L9008 REV: D



NOTES:

N.A. 13, 14, AND 15 CONNECTIONS PRESENT ON 380/500 AND 460/575 MACHINES ONLY.

N.B. 10, 11, AND 12 CONNECTIONS NOT PRESENT ON 380V OR TRIPLE VOLTAGE MACHINES.

N.C. CONNECTIONS TO H2, H3, OR H4 DEPENDS ON INPUT VOLTAGE. SEE INPUT SUPPLY CONNECTION INSTRUCTIONS. H4 CONNECTION APPEARS ON 380V AND TRIPLE VOLTAGE MACHINES ONLY.

N.D. 2CR IS SHOWN AS SPST RELAY. IF 2CR IS A 3PDT, LEAD 271 CONNECTS TO TERMINAL 4 INSTEAD OF TERMINAL 5.

N.E. NOT INCLUDED IN ALL MODELS.

LEGEND

SW1 INPUT POWER

SW2 ELECTRODE POLARITY

SW3 OUTPUT CONTROL

SW4 WELDING MODE

F1 8 AMP SLOW BLOW FUSE

R1 10K OHM POTENTIOMETER

R2 30 OHM, 300 W

R3 10 OHM, 50 W (20W ON EARLIER MODELS)

T1 MAIN POWER TRANSFORMER

T2 CONTROL TRANSFORMER

L1 LOW CURRENT WELDING CHOKE

1CR INPUT CONTACTOR

2CR FAULT PROTECTION RELAY

3CR CURRENT ACTIVATED REED SWITCH

4CR OUTPUT PILOT RELAY

LINCOLN
ELECTRIC

CLEVELAND, OHIO U.S.A.