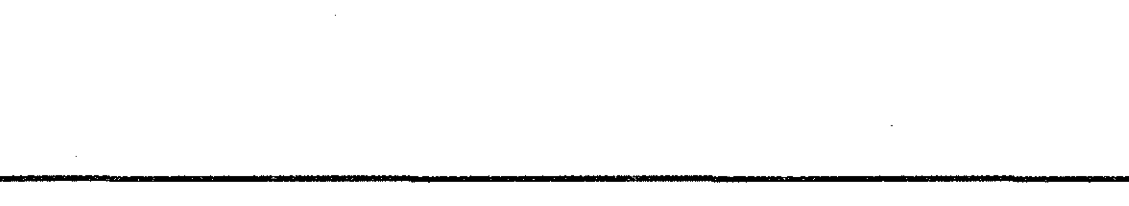


**NOTES:**  
 N.A. WHEN A CONTACTOR IS NOT USED, A JUMPER PLUG MUST BE INSTALLED UNLESS OPTIONAL REMOTE OUTPUT KIT IS BEING USED.  
 N.B. CONNECTIONS AS VIEWED FROM BACK OF RHEOSTAT AND SWITCHES.  
 N.C. SINCE COMPONENTS OR CIRCUITRY ON A PRINTED CIRCUIT BOARD MAY CHANGE WITHOUT AFFECTING THE INTERCHANGEABILITY OF A COMPLETE BOARD, THIS DIAGRAM MAY NOT SHOW THE EXACT COMPONENTS OR CIRCUITRY OF CONTROLS HAVING A COMMON CODE NUMBER.  
 N.D. ON G1757-2 THRU G1757-5 P.C. BOARDS, A 1/8 AMP FUSE INTERRUPTS THE 500A LEAD, ON THE G1757-1 P.C. BOARD A 5 AMP SLOW BLOW FUSE WAS USED TO INTERRUPT THE 667 LEAD. R72 WAS 1.5K AND THERE WAS NO R86.  
 N.E. ACTUAL CIRCUIT OF X3.



**GENERAL INFORMATION**  
 ELECTRICAL SYMBOLS PER E1537.  
 CAPACITORS = mfd/VOLTS (.022/25V UNLESS OTHERWISE SPECIFIED).  
 RESISTORS = OHMS (1/4 WATT UNLESS OTHERWISE SPECIFIED).  
 DIODES = 1A, 400V (UNLESS OTHERWISE SPECIFIED).  
 ▽ = COMMON CONNECTION  
 ● = SOURCE POINT CIRCUIT LOCATION  
 \* = CONNECTOR CAVITY NUMBER

**THIS SHEET CONTAINS PROPRIETARY INFORMATION OWNED BY THE LINCOLN ELECTRIC CO. AND IS NOT TO BE REPRODUCED, DISCLOSED OR USED WITHOUT THE EXPRESS PERMISSION OF THE LINCOLN ELECTRIC CO.**

**UNLESS OTHERWISE SPECIFIED TOLERANCE ON HOLE SIZES PER E2095 ON 2 PLACE DECIMALS IS ±.005 ON 3 PLACE DECIMALS IS ±.002 ON ALL ANGLES IS ±.2 OF A DEGREE MATERIAL TOLERANCE IS TO AGREE WITH PUBLISHED STANDARDS.**

DR. DATE: 5-22-92 CHK. THE REF. SUPS/DWG. 9-4-87 SHE. NO. 1833

**THE LINCOLN ELECTRIC CO. EQUIP. TYPE LN-25 CLEVELAND, OHIO U.S.A. SUBJECT OPERATING SCHEMATIC**