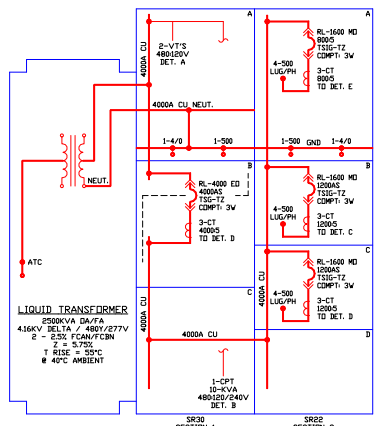
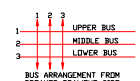


NOTES - LV METAL ENCLOSED POWER CIRCUIT BREAKERS SWITCHGEAR

1. BUS SIZING BASED ON ANSI C37.20.1
2. FEEDER CIRCUIT BREAKERS PROVIDED WITH INSULATED LOAD SIDE RUNBACKS.
3. SLEEVE TYPE WIRE MARKERS SUPPLIED BOTH ENDS OF WIRE.
4. ENCLOSURE - TYPE SR, OUTDOOR
5. 480 VOLTS, 3 PHASE, 3 WIRE, 60Hz.
6. MAIN BUS 4000A - SILVER PLATED COPPER
7. BUS BRACING 65 KA.
8. ALL LUGS ARE AWG. OR kcmil.
9. FINISH PAINT, ANSI 61.
10. GROUND BUS - .25 X 2.0 IN. SILVER PLATED COPPER.
11. ALL CT's ARE SUPPLIED WITH SHORT CIRCUITING TERMINAL BLOCKS.
12. ALL SPACE HEATERS ARE RATED 240V, OPERATED AT 240V.
13. HEAVY DUTY 600V. RATED TERMINAL BLOCKS ARE SUPPLIED.
14. CABLE COMPARTMENT/RUNBACK BARRIERS ARE SUPPLIED.
15. INCOMING LINE ISOLATION BARRIERS ARE SUPPLIED

SECTION & COMP'T	SEC DISC (1E)	SEC DISC (2E)	COMM DISC	52 MDC T&C DR CONN	52 MDC 4/8	52 TOC 4/8
1/B	X					
2/A,B,C						



BUS ARRANGEMENT FROM BREAKER DRAWOUT SIDE

THE PHASE SEQUENCE INDICATED ON ELECTRICAL CONNECTION DIAGRAMS IS SUCH THAT THE PHASE-TO NEUTRAL VOLTAGES WITH RESPECT TO TIME WILL REACH MAXIMUM VALUE IN THE SEQUENCE DESIGNATED 1,2,3.

FOR DETAILS VT, CPT, CT, ETC. SEE SCHEMATIC DIAGRAM.

Siemens Energy & Automation, Inc.
Electrical Apparatus Division

SIEMENS SYSTEMS
ONE-LINE
DIAGRAM

Dwg No. 18-624-709-411
Rev 02
Sheet 1 of 1
Date K.T.S.

Project	SSR
Item	18-56-94
Drawn By	CWI
Checked By	-
Approved By	-
Mfg Order Number	07-1800-79843
Mfg Order Number	08-1800-79853
Customer	SSR/GSS
Title	MAIN SWITCHGEAR CERTIFIED

REV	NOTE	DATE
10		06/01/01
20	INCLUDE SUPPORTS AS SHOWN ON DRAWING	09/21/00