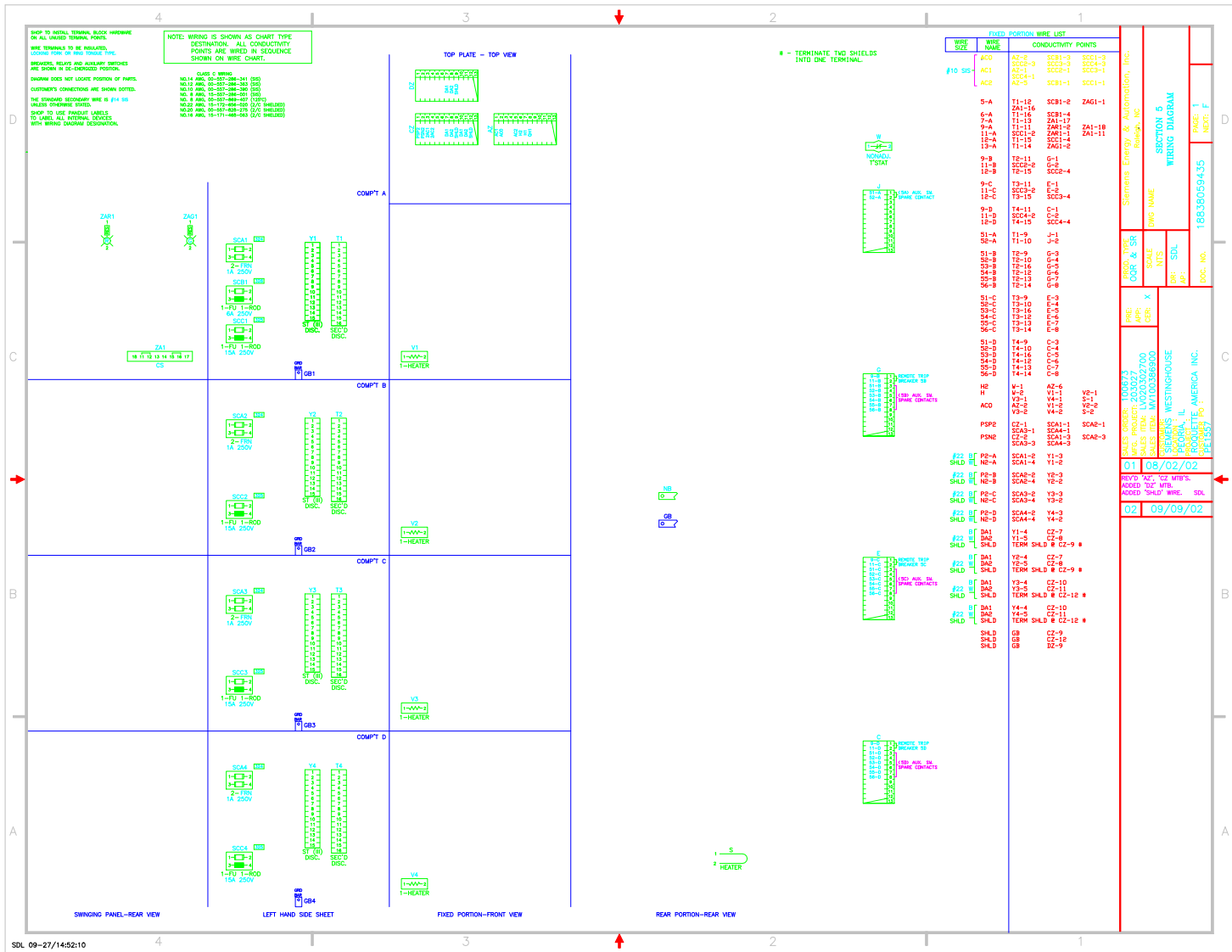

SHOP TO INSTALL TERMINAL BLOCK HARDWARE ON ALL UNUSED TERMINAL POINTS.
WIRE TERMINALS TO BE INSULATED.
LOCKING FORK OR RING TONGUE TYPE.
BREAKERS, RELAYS AND AUXILIARY SWITCHES ARE SHOWN IN DE-ENERGIZED POSITION.
DIAGRAM DOES NOT LOCATE POSITION OF PARTS.
CUSTOMER'S CONNECTIONS ARE SHOWN DOTTED.
THE STANDARD SECONDARY WIRE IS #14 SIS UNLESS OTHERWISE STATED.
SHOP TO USE PANDUIT LABELS TO LABEL ALL INTERNAL DEVICES WITH WIRING DIAGRAM DESIGNATION.
NOTE: WIRING IS SHOWN AS CHART TYPE DESTINATION. ALL CONDUCTIVITY POINTS ARE WIRED IN SEQUENCE SHOWN ON WIRE CHART.
CLASS C WIRING
NO.14 AWG, 00-557-286-341 (SIS)
NO.12 AWG, 00-557-286-363 (SIS)
NO.10 AWG, 00-557-286-380 (SIS)
NO. 8 AWG, 10-557-286-401 (SIS)
NO. 6 AWG, 00-557-869-407 (125°C)
NO.22 AWG, 10-172-868-505 (2/C SHIELDED)
NO.20 AWG, 00-557-828-275 (2/C SHIELDED)
NO.18 AWG, 10-171-468-563 (2/C SHIELDED)
TOP PLATE – TOP VIEW
COMPT A
COMPT B
COMPT C
COMPT D
ZAR1
ZAG1
ZA1
CS
SCA1
SCB1
SCC1
SCA2
SCC2
SCA3
SCC3
SCA4
SCC4
2-FRN 1A 250V
1-FU 1-ROD 6A 250V
1-FU 1-ROD 15A 250V
Y1
T1
Y2
T2
Y3
T3
Y4
T4
ST (III) DISC.
SEC'D DISC.
V1
V2
V3
V4
1-HEATER
GB1
GB2
GB3
GB4
SWINGING PANEL–REAR VIEW
LEFT HAND SIDE SHEET
FIXED PORTION–FRONT VIEW
REAR PORTION–REAR VIEW
– TERMINATE TWO SHIELDS INTO ONE TERMINAL.
W
NONADJ T'STAT
J
DA1 AUX. SW. SPARE CONTACT
G
REMOTE TRIP BREAKER 52
(52) AUX. SW. SPARE CONTACTS
C
(52C) AUX. SW. SPARE CONTACTS
NB
GB
S
HEATER
FIXED PORTION WIRE LIST
WIRE SIZE
WIRE NAME
CONDUCTIVITY POINTS
#10 SIS
ACO
AC1
AC2
AZ-5 SCB1-3 SCC1-3
SCC2-3 SCC2-4 SCC4-3
AZ-1 SCC2-1 SCC3-1
SCC4-1
AZ-5 SCB1-1 SCC1-1
5-A T1-12 SCB1-2 ZAG1-1
ZA1-16
6-A T1-16 SCB1-4
7-A T1-13 ZA1-17
9-A T1-11 ZAR1-2 ZA1-18
11-A SCC1-2 ZAR1-1 ZA1-11
13-A T1-15 SCC1-4
13-A T1-14 ZAG1-2
9-B T2-11 G-1
11-B SCC2-2 G-2
12-B T2-15 SCC2-4
9-C T3-11 E-1
11-C SCC3-2 E-2
12-C T3-15 SCC3-4
9-D T4-11 C-1
11-D SCC4-2 C-2
12-D T4-15 SCC4-4
51-A T1-9 J-1
52-A T1-10 J-2
51-B T2-9 G-3
52-B T2-10 G-4
53-B T2-16 G-5
54-B T2-12 G-6
55-B T2-13 G-7
56-B T2-14 G-8
51-C T3-9 E-3
52-C T3-10 E-4
53-C T3-16 E-5
54-C T3-12 E-6
55-C T3-13 E-7
56-C T3-14 E-8
51-D T4-9 C-3
52-D T4-10 C-4
53-D T4-16 C-5
54-D T4-12 C-6
55-D T4-13 C-7
56-D T4-14 C-8
H2 W-1 AZ-6 V2-1
H W-2 V1-1 S-1
V3-1 V4-1 V3-2
AZ-2 V1-2 V2-2
ACO V3-2 V4-2 S-2
PSP2 CZ-1 SCA1-1 SCA2-1
PSN2 SCA3-1 SCA4-1
CZ-2 SCA1-3 SCA2-3
SCA3-3 SCA4-3
#22 B SHLD W P2-A N2-A SCA1-2 SCA1-4 Y1-3 Y1-2
#22 B SHLD W P2-B N2-B SCA2-2 SCA2-4 Y2-3 Y2-2
#22 B SHLD W P2-C N2-C SCA3-2 SCA3-4 Y3-3 Y3-2
#22 B SHLD W P2-D N2-D SCA4-2 SCA4-4 Y4-3 Y4-2
#22 B SHLD W DA1 DA2 SHLD Y1-4 Y1-5 CZ-7 CZ-8 TERM SHLD @ CZ-9 #
#22 B SHLD W DA1 DA2 SHLD Y2-4 Y2-5 CZ-7 CZ-8 TERM SHLD @ CZ-9 #
#22 B SHLD W DA1 DA2 SHLD Y3-4 Y3-5 CZ-10 CZ-11 TERM SHLD @ CZ-12 #
#22 B SHLD W DA1 DA2 SHLD Y4-4 Y4-5 CZ-10 CZ-11 TERM SHLD @ CZ-12 #
SHLD GB CZ-9
SHLD GB CZ-12
SHLD GB DZ-9
SALES ORDER: 100671
APS PROJECT: 203027
SALES ITEM: LV0203027OO
ENGINEER ITEM: MV100386900
SIEMENS WESTINGHOUSE
PEORIA, IL
ROUQUETTE AMERICA INC.
PEORIA
PO #: 21867
Siemens Energy & Automation, Inc.
Raleigh, NC
SECTION 5
WIRING DIAGRAM
DWG NAME:
18838059435
PROJ: PEC
QOR & SR
SCALE: NTS
DR: SDL
AP:
DOC. NO:
PAGE: 1
NEXT: F
DSE:
APP:
CER: X
01 08/02/02
REV'D 'AZ', 'CZ' MTB'S.
ADDED 'DZ' MTB.
ADDED "SHLD" WIRE. SDL
02 09/09/02
SDL 09-27/14:52:10