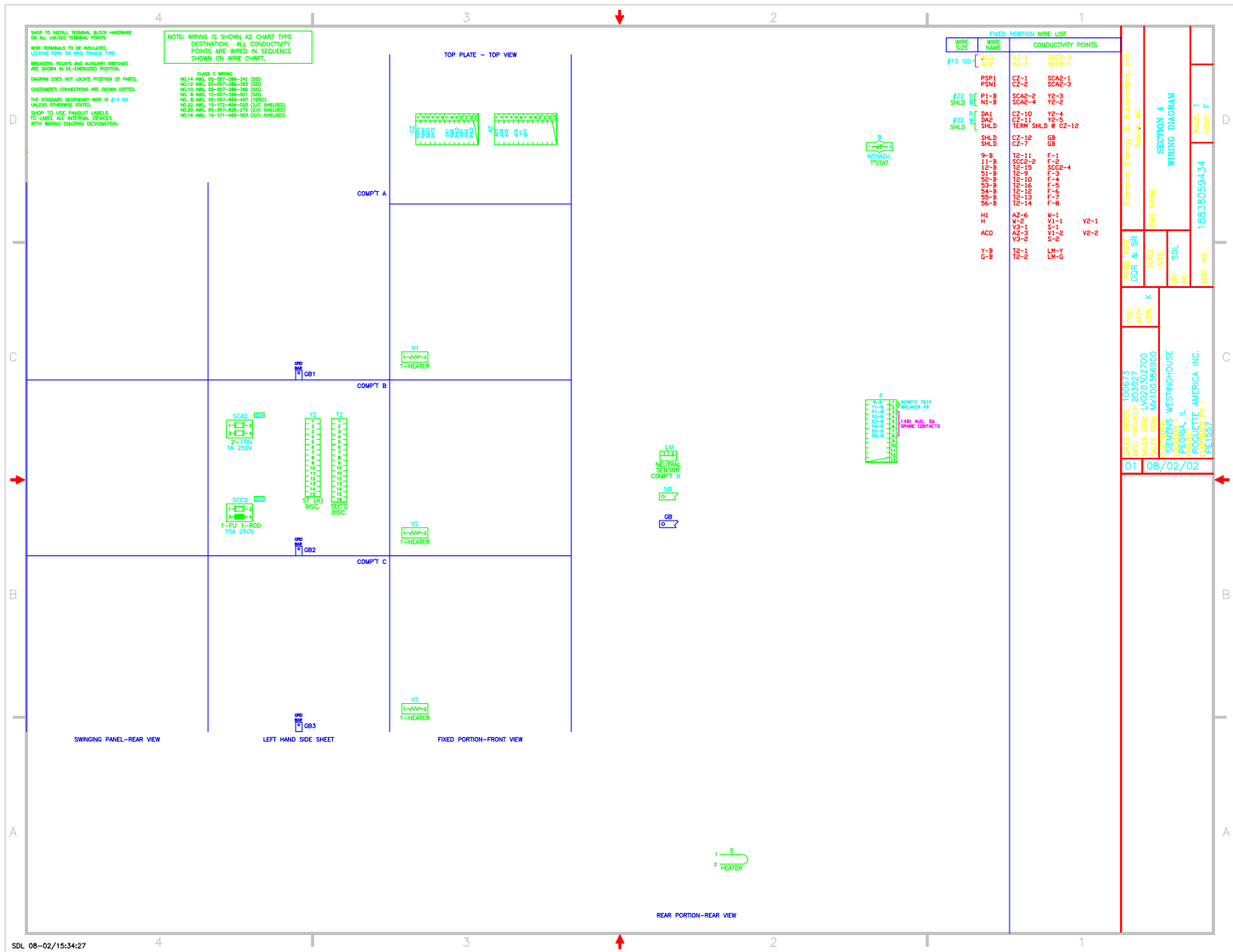
SHOP TO INSTALL TERMINAL BLOCK HARDWARE ON ALL UNUSED TERMINAL POINTS.
WIRE TERMINALS TO BE INSULATED.
LOCKING FORK OR RING TONGUE TYPE.
BREAKERS, RELAYS AND AUXILIARY SWITCHES ARE SHOWN IN DE-ENERGIZED POSITION.
DIAGRAM DOES NOT LOCATE POSITION OF PARTS.
CUSTOMER'S CONNECTIONS ARE SHOWN DOTTED.
THE 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, 50-557-286-341 (SIS)
NO.12 AWG, 50-557-286-363 (SIS)
NO.10 AWG, 50-557-286-380 (SIS)
NO. 8 AWG, 15-557-286-001 (SIS)
NO. 6 AWG, 50-557-869-407 (125°C)
NO.22 AWG, 16-172-956-505 (2/C SHIELDED)
NO.20 AWG, 50-557-828-275 (2/C SHIELDED)
NO.18 AWG, 16-171-448-563 (2/C SHIELDED)
TOP PLATE – TOP VIEW
COMP'T A
COMP'T B
COMP'T C
GB1
GB2
GB3
V1
1-HEATER
V2
1-HEATER
V3
1-HEATER
SCA2
2-FU1
1A 250V
SCC2
1-FU 1-ROD
15A 250V
Y2
CT (IR) DISC.
T2
SCC2 DISC.
W
NONDISC T'STAT
LM
NEUTRAL SENSOR COMP'T B
NB
GB
F
REMOTE TRIP BREAKER 4B
4.4Ø AUX. SW. 6POLE CONTACTS
1
S
2
HEATER
SWINGING PANEL–REAR VIEW
LEFT HAND SIDE SHEET
FIXED PORTION–FRONT VIEW
REAR PORTION–REAR VIEW
FIXED PORTION WIRE LIST
WIRE SIZE
WIRE NAME
CONDUCTIVITY POINTS
#10 SIS
ACO
AZ-S
SCC2-3
AC2
AZ-S
SCC2-1
PSP1
CZ-1
SCA2-1
PSN1
CZ-2
SCA2-3
#22 BL SHLD
P1-B
SCA2-2
Y2-3
N1-B
SCA2-4
Y2-2
#22 BL WH SHLD
DA1
CZ-10
Y2-4
DA2
CZ-11
Y2-5
SHLD
TERM SHLD @ CZ-12
SHLD
CZ-12
GB
SHLD
CZ-7
GB
9-B
T2-11
F-1
1-B
SCC2-2
F-2
2-B
T2-15
SCC2-4
3-B
T2-9
F-3
4-B
T2-10
F-4
5-B
T2-16
F-5
6-B
T2-12
F-6
55-B
T2-13
F-7
56-B
T2-14
F-8
H1
AZ-6
W-1
H
W-2
V1-1
V2-1
V3-1
V1-2
ACO
AZ-3
V1-6
V2-2
V3-2
S-2
Y-B
T2-1
LM-Y
G-B
T2-2
LM-G
Siemens Energy & Automation, Inc.
Raleigh, NC
SECTION 4
WIRING DIAGRAM
DWG NAME
FRED: PEC
OQR & SR
SCALE: NTS
SDL
DR: AP:
DOC. NO: 18838059434
PAGE: 1
NEXT: F
DRC: X
APP:
CER:
SALES ORDER: 100671
APS PROJECT: 203027
SALES ITEM: LV020302700
CUSTOMER: MW100386900
CUSTOMER: WESTINGHOUSE
PEORIA, IL
ROQUETTE AMERICA INC.
PO #: 21967
01 08/02/02
SDL 08-02/15:34:27