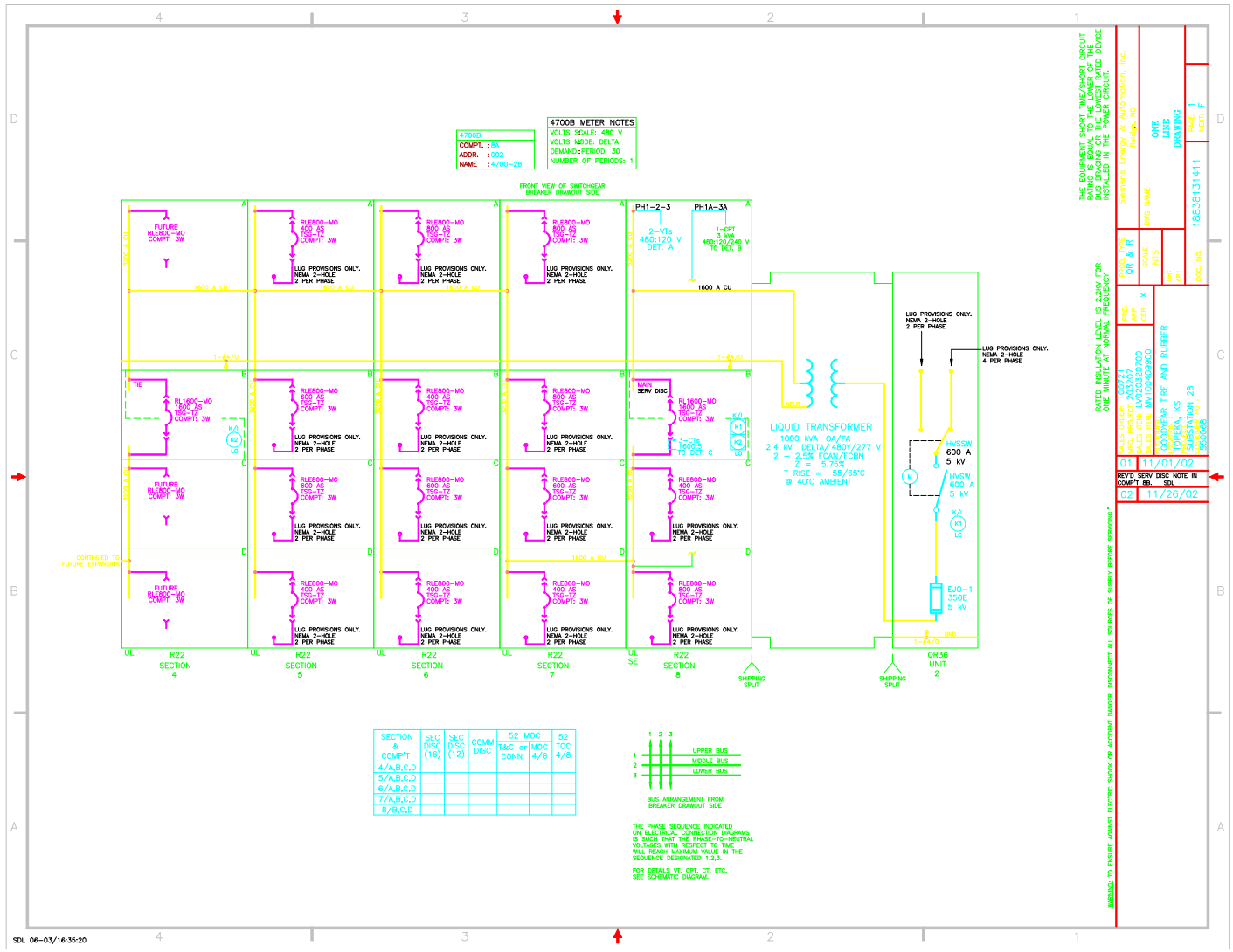

4700B
COMPT. : 8A
ADDR. : 002
NAME : 4700-28
4700B METER NOTES
VOLTS SCALE: 480 V
VOLTS MODE: DELTA
DEMAND PERIOD: 30
NUMBER OF PERIODS: 1
FRONT VIEW OF SWITCHGEAR
BREAKER DRAWOUT SIDE
PH1-2-3
PH1A-3A
2-VTs 480:120 V DET. A
1-CPT 3 kVA 480:120/240 V TO DET. B
1600 A CU
FUTURE RLE800-MO COMPT: 3W
RLE800-MO 800 AS TSG-TZ COMPT: 3W
LUG PROVISIONS ONLY. NEMA 2-HOLE 2 PER PHASE
TIE
RL1600-MO 1600 AS TSG-TZ COMPT: 3W
MAIN SERV DISC
RL1600-MO 1600 AS TSG-TZ COMPT: 3W
2-CTs 1600:5 TO DET. C
RLE600-MO 600 AS TSG-TZ COMPT: 3W
CONTINUED TO FUTURE EXPANSION
LIQUID TRANSFORMER
1000 kVA OA/FA
2.4 kV DELTA/ 480Y/277 V
2 - 2.5% FCAN/FCBN
Z = 5.75%
T RISE = 55/65°C
@ 40°C AMBIENT
NEUT
HVSSW 600 A 5 kV
HVSW 600 A 5 kV
EJO-1 350E 5 kV
K0
K1
K2
LC
M
GND
SECTION 4
SECTION 5
SECTION 6
SECTION 7
SECTION 8
UNIT 2
SHIPPING SPLIT
SHIPPING SPLIT
SECTION & COMPT. | SEC DISC (16) | SEC DISC (12) | COMM DISC | 52 MOC T&C or CONN | 52 MOC 4/6 | 52 TOC 4/8
4/A,B,C,D
5/A,B,C,D
6/A,B,C,D
7/A,B,C,D
8/B,C,D
1 2 3
1 UPPER BUS
2 MIDDLE BUS
3 LOWER BUS
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.
THE EQUIPMENT SHORT TIME/SHORT CIRCUIT RATING IS EQUAL TO THE LOWER OF THE BUS BRACING OR THE LOWEST RATED DEVICE INSTALLED IN THE PANEL CIRCUIT.
RATED INSULATION LEVEL IS 2.2KV FOR ONE MINUTE AT NOMINAL FREQUENCY.
WARNING TO ENSURE AGAINST ELECTRIC SHOCK OR ACCIDENT DANGER, DISCONNECT ALL SOURCES OF SUPPLY BEFORE SERVICING.
Siemens Energy & Automation, Inc.
Design A, VC
ONE LINE DRAWING
PAGE: 1
NEXT: F
DWG NO. 18838131411
SCALE NTS
DR. JPS
CHK. JPS
PRD. APP. JPS
ORD. X
LOC. VANCOUVER, WA
ORDER NO. 10277
SDL PROJECT: 203207
SALES ITEM: LV020320700
CUST. ITEM: MV10049900
GOODYEAR TIRE AND RUBBER
TOPEKA, KS
SUBSTATION 28
CUST. PO : 4500108
01 11/01/02
REVD SERV DISC NOTE IN COMPT BB. SDL
02 11/26/02
SDL 06-03/16:35:20