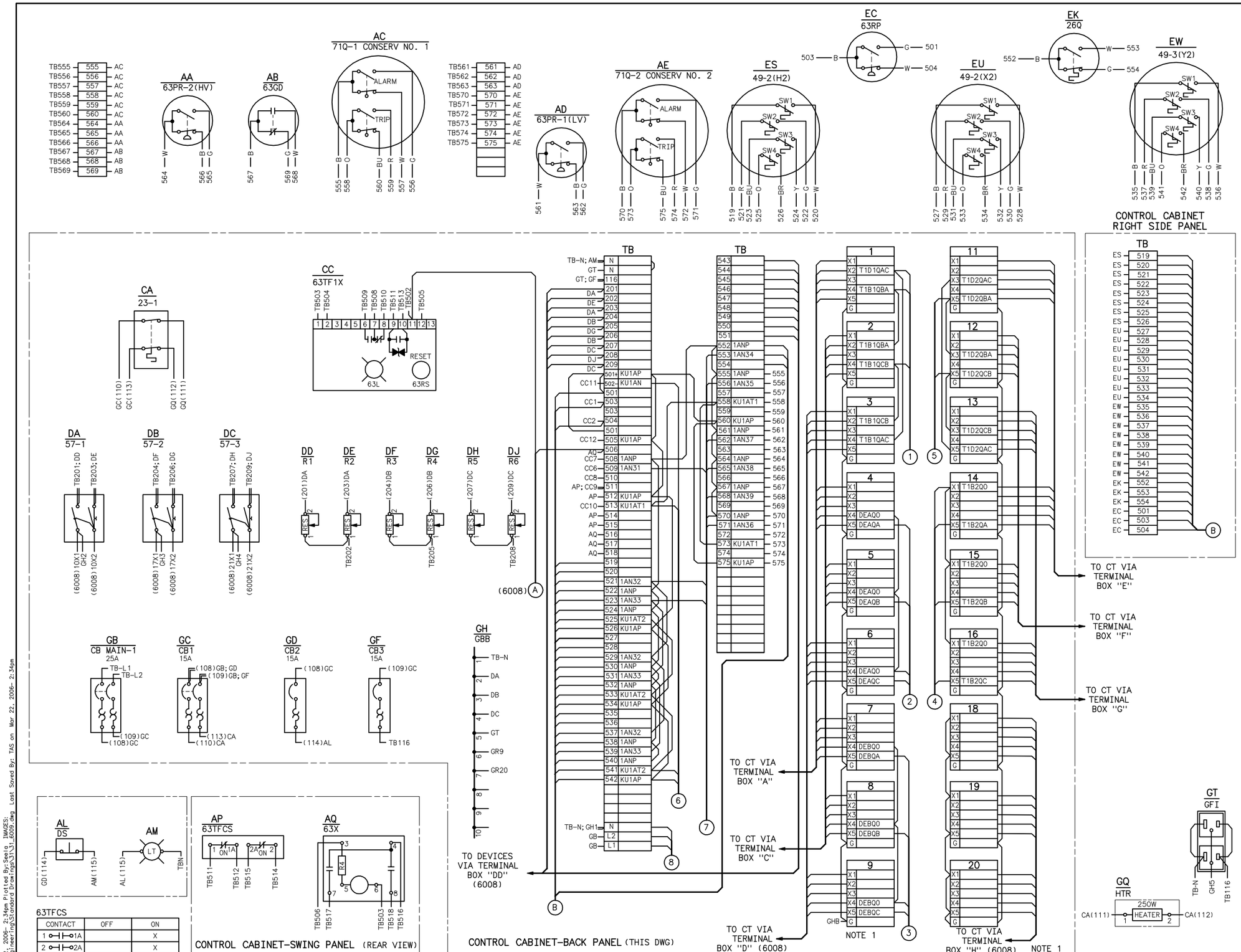

CONTACT	OFF	ON
1 ⊣⊢ 1A		X
2 ⊣⊢ 2A		X

EXPLANATION

23-1 _____ THERMOSTAT
26C-1,2,3 ___ 10Ω RTD
26Q _____ LIQUID TEMPERATURE INDICATOR 90°C
49-1,2,3 ____ WINDING TEMPERATURE INDICATOR SW1 85°C, SW2 105°C, SW3 115°C, SW4 125°C
57-1,2,3 ____ TEST SWITCH
63GD _____ GAS DETECTOR
63PR-1,2 ____ PRESSURE RELIEF DEVICE
63RP _____ SUDDEN PRESSURE RELAY
63TFCS _____ SUDDEN PRESSURE TRIP CUT-OUT SWITCH
63TF1X _____ SUDDEN PRESSURE SEAL-IN RELAY
63X _____ SUDDEN PRESSURE TARGET RELAY
71Q-1,2 _____ LIQUID LEVEL INDICATOR
CB-1,2,3 ____ CIRCUIT BREAKER
DS-1 _____ DOOR SWITCH
GFI _____ GROUND FAULT DUPLEX OUTLET
HTR _____ SPACE HEATER 240V, 250W
LT _____ CABINET LIGHT
R1 THRU 6 ___ VARIABLE RESISTOR

CONTROL CABLES

1 _____ 1KU1A-CHA6R _____ 5/C-10 _____ (XXXX)
2 _____ 2KU1A-CHA3R _____ 5/C-10 _____ (XXXX)
3 _____ 3KU1A-CHA4R _____ 5/C-10 _____ (XXXX)
4 _____ 4KU1A-CHA5R _____ 5/C-10 _____ (XXXX)
5 _____ 5KU1A-CHA6R _____ 5/C-10 _____ (XXXX)
6 _____ 1CHA6R-KU1A _____ 12/C-10 _____ (XXXX)
7 _____ 2CHA6R-KU1A _____ 12/C-10 _____ (XXXX)
8 _____ 16DWA-KU1A _____ 3-1/C-4 _____ (XXXX)
9 _____ 7KU1A-CHA5R _____ 5/C-10 _____ (XXXX) SPARE
10 _____ 3CHA6R-KU1A _____ 12/C-10 _____ (XXXX) SPARE
11 _____ 4CHA6R-KU1A _____ 12/C-10 _____ (XXXX) SPARE

NOTE

1. TERMINAL BLOCKS 1 THRU 20 ARE SHORTING TYPE.

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION
HEADQUARTERS – GOLDEN, COLORADO

SUBSTATION STANDARDS
POWER TRANSFORMER
WIRING DIAGRAM (SH 2 OF 2)

DESIGNED DEVEN BHAN
DRAWN
CHECKED DEVEN BHAN
RECOMMENDED DEVEN BHAN
APPROVED W.A. JACOBY, CHIEF, SUBSTATION CONTROL BRANCH

OCTOBER 1, 1992	31	6009

Mar 22, 2006- 2:34pm Plotted By:Seela IMAGES: S:\Engineering\Standard Drawings\31\31.6009.dwg Last Saved By: TAS on Mar 22, 2006- 2:34pm