

T1: Hammond #1166X60 - Pri = 100/115 - Sec = 2.5v @ 10A - Insulation: AC = 8kv, DC = 4kv

T2: UTC CG-312 - Pri = 105, 115, 220, 230 - Sec = 1800-1500-0-1500-1800 @ 400 ma.

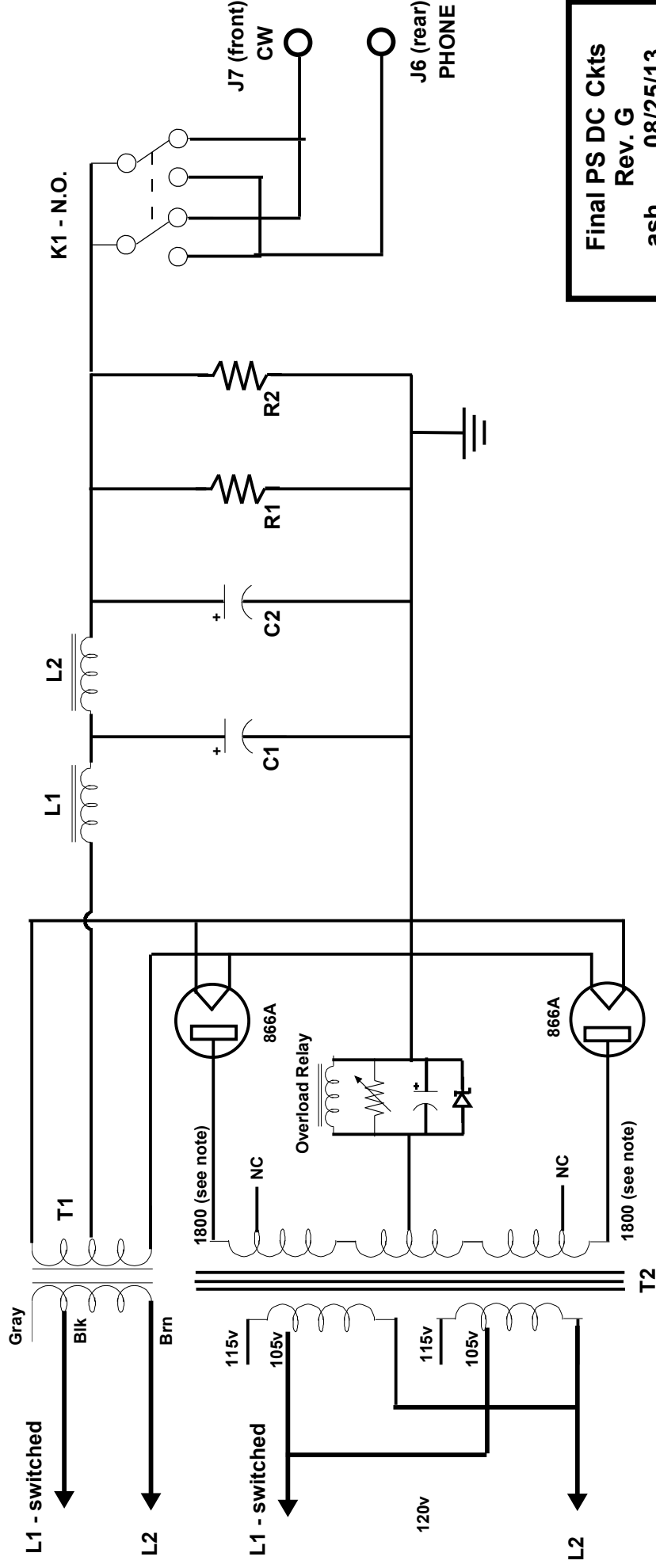
Note: With 120v applied to the 105v taps, the secondary voltage is $1800 \times 1.143 = 2057\text{v}$,

L2, L2: Hammond 10-300X - 10 Hy @ 300 ma. 3Kv Swinging Choke - rebuilt as Heyboer #HTS11324

C1, C2: Each is 4uf @ 2 kv. R1, R2: Each is 100 k @ 100 w.

Power transformer: the 1800 v tap is at rated input. With present wiring, output voltage = $1800 \times 120/105 = 2057$.

See separate drawing for details on overload relay circuit.



Final PS DC Ckts
Rev. G
ash 08/25/13