

48VDC PILOT RELAY PANEL #1 RELAY ASSIGNMENT	
CCR CONTROL INPUT	RELAY
RWY 5-23 CCR CC	RELAY A, A2
RWY 5-23 CCR B10	RELAY B, B2
RWY 5-23 CCR B30	RELAY C, C2
RWY 5-23 CCR B100	RELAY D, D2
RWY 12L-30R CCR CC	RELAY E, E2
RWY 12L-30R CCR B10	RELAY F, F2
RWY 12L-30R CCR B30	RELAY G, G2
RWY 12L-30R CCR B100	RELAY H, H2
TXY A CCR CC	RELAY I, I2
TXY A CCR B10	RELAY J, J2
TXY A CCR B30	RELAY K, K2
TXY A CCR B100	RELAY L, L2
TXY C CCR CC	RELAY M, M2
TXY C CCR B10	RELAY N, N2
TXY C CCR B30	RELAY O, O2
TXY C CCR B100	RELAY P, P2
SPARE	RELAY Q
SPARE	RELAY R
SPARE	RELAY S
SPARE	RELAY T

48VDC PILOT RELAY PANEL #2 RELAY ASSIGNMENT	
CCR/CONTACTOR CONTROL INPUT	RELAY
RWY 12R-30L CCR CC	RELAY A, A2
RWY 12R-30L CCR B10	RELAY B, B2
RWY 12R-30L CCR B30	RELAY C, C2
RWY 12R-30L CCR B100	RELAY D, D2
RESERVE FOR FUTURE RWY 12R-30L CCR B4	RELAY E, E2
RESERVE FOR FUTURE RWY 12R-30L CCR B5	RELAY F, F2
TXY B, CKT 1 CCR CC	RELAY G, G2
TXY B, CKT 1 CCR B10	RELAY H, H2
TXY B, CKT 1 CCR B30	RELAY I, I2
TXY B, CKT 1 CCR B100	RELAY J, J2
TXY B, CKY 2 CCR CC	RELAY G, G4
TXY B, CKY 2 CCR B10	RELAY H, H4
TXY B, CKY 2 CCR B30	RELAY I, I4
TXY B, CKY 2 CCR B100	RELAY J, J4
WIND-TEE CONTACTOR - AUTO	RELAY K, K1 & K2
AIRPIORT ROTATING BEACON - AUTO	RELAY L, L1 & L2
SPARE	RELAY M
SPARE	RELAY N
SPARE	RELAY O
SPARE	RELAY P
SPARE	RELAY Q
SPARE	RELAY R
SPARE	RELAY S
SPARE	RELAY T

NOTES

- EACH 48 VDC PILOT CONTROL RELAY PANEL SHALL BE FED FROM A DEDICATED 10 AMP OR 15 AMP, 1 POLE, 120 VAC BRANCH CIRCUIT BREAKER OUT OF THE VAULT SERVICE PANELBOARD.
- 120 VAC CONTROL POWER FOR CONSTANT CURRENT REGULATORS SHALL BE FROM THE RESPECTIVE PILOT CONTROL RELAY PANEL CONTROLLING THAT CONSTANT CURRENT REGULATOR. CONNECT 120 VAC POWER TO THE CORRESPONDING RELAY INPUT CONTACT TERMINALS (EXAMPLE A1, B1, C1, D1, E1, F1, G1, H1, ETC. FOR CORRESPONDING RELAY OUTPUT TERMINALS A1, B2, C2, D2, E2, F2, G2, H2, ETC.).
- 120 VAC CONTROL POWER FOR THE LIGHTING CONTACTOR CONTROL PANEL SHALL BE FROM THE RESPECTIVE PILOT CONTROL RELAY PANEL CONTROLLING THE LIGHTING CONTACTORS.
- ESTABLISH A COLOR CODING FOR THE CONTROL WIRING TO EACH CONSTANT CURRENT REGULATOR AND BE CONSISTENT FOR ALL REGULATORS.
EXAMPLE:
CC -RED
10% -ORANGE
30% -YELLOW
100% -BLUE
NEUTRAL -WHITE
EQUIPT. GND -GREEN
ALSO TAG THE CONTROL WIRES WITH THE RESPECTIVE DESIGNATION (CC, 10%, 30%, 100%)

DATE	REVISION	BY

SAINT LOUIS DOWNTOWN AIRPORT
A Division of St. Louis Development Agency
A.L.P. PROJ.: 3-17-0038-B19

ILL. PROJ.: CPS-3708

Hanson Project No. 84507ELEC0_0900	LAYOUT	KNL	06/25/07
Electrom E-605.DWG	DRAWN	MV	06/28/07
Scale NONE	REVIEWED	CAH	07/13/07
Date 07/16/07			

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ATCT INTERFACE TO VAULT
RELAY ASSIGNMENTS FOR PILOT RELAY PANELS

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