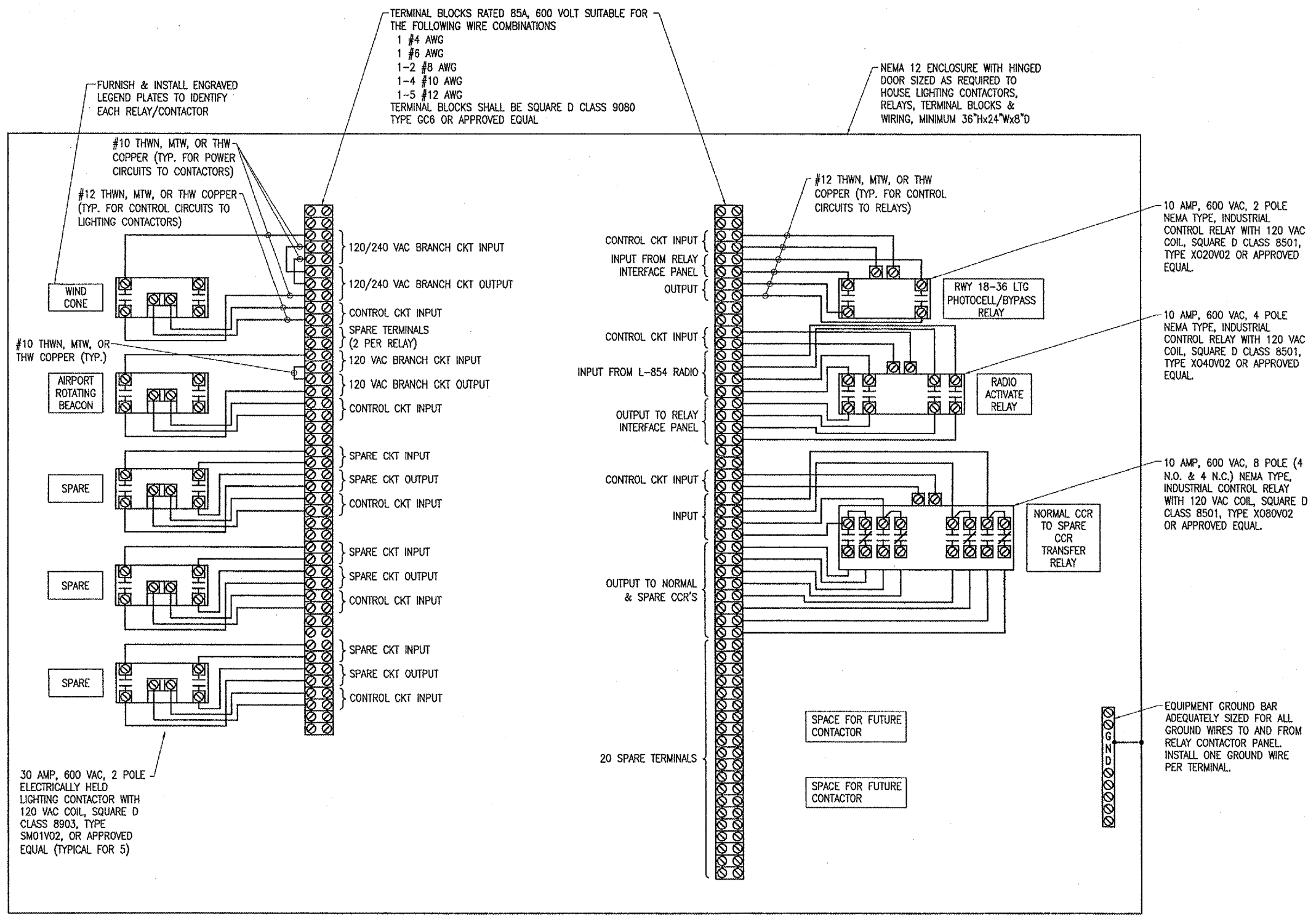


JAN 12, 2006 1:41 PM CAH
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- NOTES
- 15 AMP & 20 AMP INPUT POWER/BRANCH CIRCUITS SHALL BE #10 AWG COPPER THWN FROM THE RESPECTIVE POWER SOURCE TO THE LIGHTING CONTACTOR/RELAY PANEL. 30 AMP INPUT POWER/BRANCH CIRCUITS SHALL BE #8 AWG COPPER THWN (MIN.) FROM THE RESPECTIVE POWER SOURCE TO THE LIGHTING CONTACTOR/RELAY PANEL.
 - INPUT CONTROL CIRCUITS SHALL BE #12 AWG COPPER THWN.
 - FOR 120 VAC BRANCH CIRCUITS THE NEUTRAL CONDUCTOR SHALL NOT BE SWITCHED THROUGH THE RELAY CONTACTS. USE TERMINAL BLOCKS TO TRANSITION FROM VAULT BRANCH CIRCUIT WIRING TO FIELD WIRING.
 - THE WIND CONE CIRCUIT SHALL HAVE PHASE "A" SWITCHED THROUGH THE LIGHTING CONTACTOR. PHASE "B" SHALL BE UNSWITCHED FROM THE POWER SOURCE TO THE RECEPTACLES AT THE WIND CONE.
 - PROVIDE #10 AWG COPPER BONDING JUMPER FROM PANEL ENCLOSURE FRAME TO ENCLOSURE DOOR.
 - PROVIDE 2-POSITION MAINTAINED CONTACT "OFF-ON" SELECTOR SWITCH FOR PHOTOCELL BYPASS CONTROL & MOUNT ON RELAY PANEL ENCLOSURE DOOR. SELECTOR SWITCH SHALL BE SQUARE D CLASS 9001, TYPE KS11FBH13 OR APPROVED EQUAL. INCLUDE LEGEND PLATE LABELED "PHOTOCELL BYPASS".
 - PROVIDE 2-POSITION MAINTAINED CONTACT "NORMAL-SPARE" SELECTOR SWITCH FOR CONSTANT CURRENT REGULATOR TRANSFER CONTROL & MOUNT ON RELAY PANEL ENCLOSURE DOOR. SELECTOR SWITCH SHALL BE SQUARE D CLASS 9001, TYPE KS11FBH113 OR APPROVED EQUAL. INCLUDE LEGEND PLATE LABELED "RWY 18-36 CCR TRANSFER" & A LEGEND PLATE TO INDICATE POSITION "NORMAL-SPARE".

BY	REVISION	DATE

METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS

IL PROJ.: M30-3541 A.I.P. PROJ.: 3-17-0067-88

HEI Project No. 816-06VLT.D. 0800	DATE 12/02/05
Drawn: E-609.DWG	DATE 11/17/05
Scale: NONE	DATE 11/18/05
Layout: KNL	DATE 12/16/05
Drawn: MV	
Reviewed: CAH	



CONSTRUCT
 NEW VAULT
 RELAY/CONTACTOR
 PANEL DETAIL