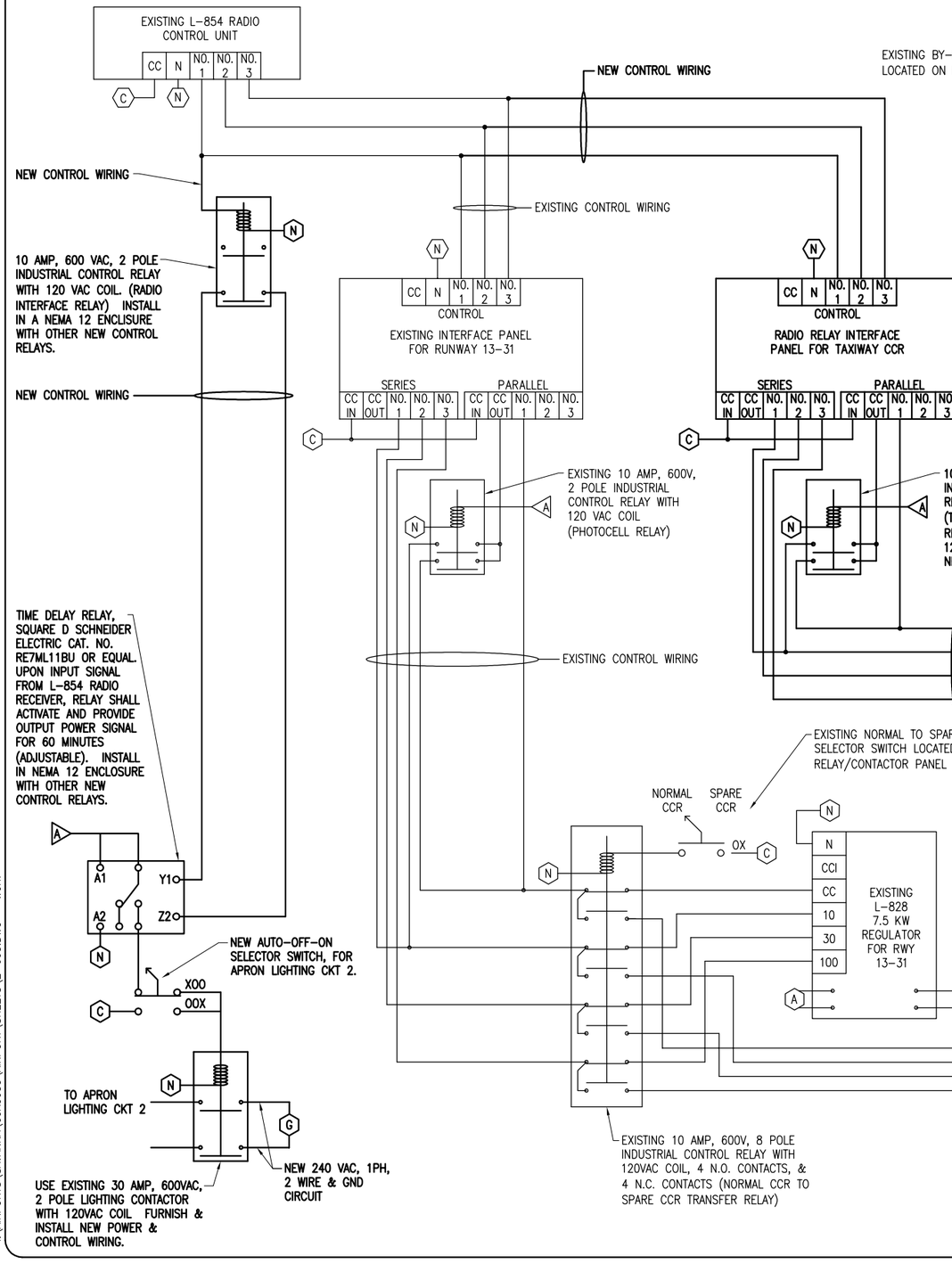
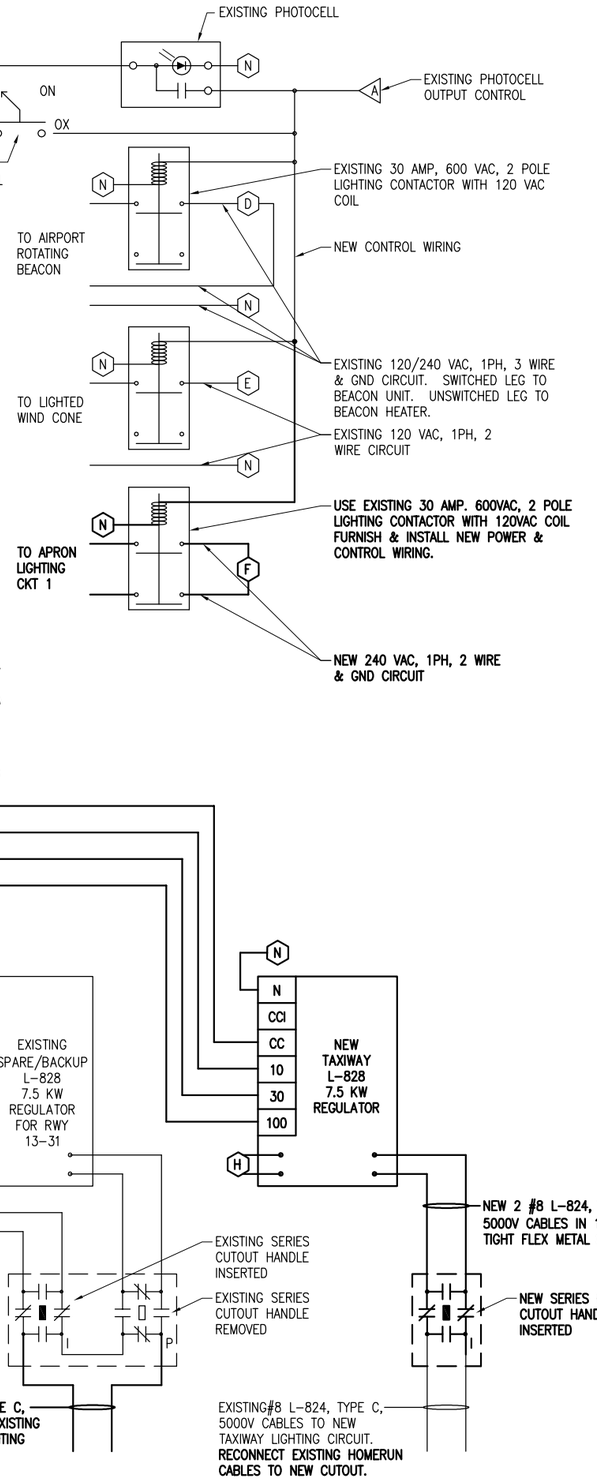
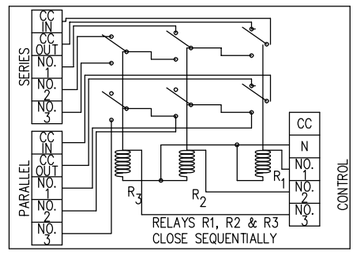
TR006







NOTES

1. ALL ELECTRICAL EQUIPMENT WILL BE WIRED IN ACCORDANCE WITH THE SCHEMATIC WIRING DIAGRAM AND ALL APPLICABLE CODES.
2. ALL CONTROL CABLE WILL BE NO. 12 AWG, 600 VOLT CABLE.
3. ALL ELECTRICAL EQUIPMENT WILL BE PROPERLY LABELED AND ALL ELECTRICAL CABLES WILL BE TAGGED.
4. ALL ELECTRICAL CABLES INSIDE THE VAULT WILL BE IN CONDUIT OR DUCT.
5. THE L-854 RADIO OUTPUT SHALL BE ACTIVE 24 HOURS/DAY. PHOTOCELL OR PHOTOCELL BYPASS SWITCH SHALL ACTIVATE 10% BRIGHTNESS. THE RUNWAY/TAXIWAY CIRCUITS WILL BE CONTROLLED BY THE L-854 RADIO CONTROL UNIT IN THE FOLLOWING MANNER:
   3 CLICKS – 10% BRIGHTNESS
   5 CLICKS – 30% BRIGHTNESS
   7 CLICKS – 100% BRIGHTNESS
6. EQUIPMENT GROUND WIRES SHALL BE INCLUDED WITH EACH BRANCH CIRCUIT & EACH CONTROL CIRCUIT.
7. L-854 UNIT, PHOTOCELL, LIGHTING CONTACTORS, CCR FOR RWY 13-31, SPARE CCR FOR RWY 13-31, INTERFACE PANEL FOR RWY 13-31, AND THE TWO RESPECTIVE CUTOUTS ARE EXISTING.
8. 7.5 KW CONSTANT CURRENT REGULATOR FOR THE TAXIWAY AND ASSOCIATED INTERFACE PANEL, CONTROL RELAYS, CUTOUT, 240 VAC POWER WIRING, CONTROL WIRING & 5000V, L-824 CABLES SHALL BE NEW. APRON LIGHTING CONTROL RELAYS, POWER WIRING & CONTROL WIRING SHALL BE NEW.

SHEET LEGEND

- (A) EXISTING VAULT PANEL CKT 14, 16 (RWY 13-31 CCR)
- (B) EXISTING VAULT PANEL CKT 10, 12 (SPARE CCR FOR RWY 13-31)
- (C) EXISTING VAULT PANEL CKT 27 (RADIO & PHOTOCELL CONTROL)
- (D) EXISTING VAULT PANEL CKT 21, 23 (AIRPORT ROTATING BEACON)
- (E) EXISTING VAULT PANEL CKT 25 (WIND CONE)
- (F) VAULT PANEL CKT 32, 34 (APRON LIGHTING CKT 1)
- (G) VAULT PANEL CKT 36, 38 (APRON LIGHTING CKT 2)
- (H) VAULT PANEL CKT 40, 42 (TAXIWAY CCR)
- (N) N DESIGNATES NEUTRAL FROM THE RESPECTIVE PANEL THAT POWERS THE DEVICE. FOR CONTROL CIRCUIT INPUTS TO CCR'S N SHALL BE FROM THE RESPECTIVE INTERFACE PANEL CIRCUIT NEUTRAL CONNECTION.

BY	REVISION	DATE

TRI-TOWNSHIP AIRPORT
SAVANNA, CARROLL COUNTY
ILLINOIS

A.I.P. PROJ.: 3-17-0091-B15
IL. PROJ.: SFY-3932

Hanson Project No. 09A0033D 0800
Filename E-603.DWG
Scale NOT TO SCALE
Date 08/14/09

LAYOUT	KNL	07/31/09
DRAWN	MV	07/31/09
REVIEWED	CAH	07/31/09

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

REPLACE MITL SYS., INSTALL APRON LTS

AIRFIELD LIGHTING WIRING SCHEMATIC

12
12 of 20 sheets

SEP 21, 2009 11:48 AM HAGLOOO382
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