



**DEKALB PEACHTREE AIRPORT**  
DEKALB COUNTY, GEORGIA

**Michael Baker INTERNATIONAL**

Designer:

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Checked by:

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Project Number:

174297



Notes:



REVISIONS			
No.	Description	Date	By

Project Name:  
**RUNWAY INCURSION MITIGATION IMPROVEMENTS (PDK 11)**

Drawing Name:  
**AIRFIELD LIGHTING VAULT EQUIPMENT PLAN**

ITB# 20-101257

Date: **FEBRUARY, 2020** Sheet Number: 72 of 72

Scale: **AS NOTED** Drawing Number: **LVP-1**

**VAULT EQUIPMENT PLAN NOTES**

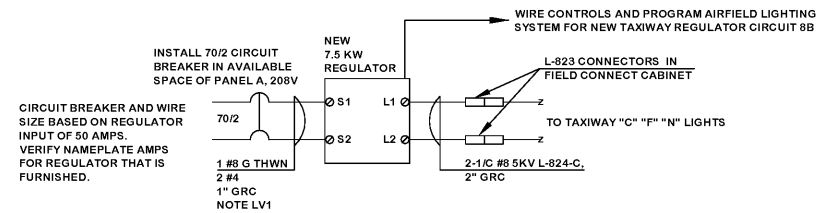
LV1. ALL LABOR AND MATERIALS SHALL BE INCLUSIVE TO THE LUMP SUM L-109-7.1 PAY ITEM FOR INSTALLATION OF AIRPORT TRANSFORMER VAULT EQUIPMENT IN PLACE.

**CONSTANT CURRENT REGULATOR SCHEDULE**

- TAXIWAY "C" "F" "N" CONSTANT CURRENT REGULATOR CIRCUIT 8B: FAA TYPE L-828, TRUE FERRORESONANT TYPE, AIR COOLED, DIGITAL POWER METER, 7.5KW, 6.6 AMP OUTPUT, 208 VOLT, 1 PHASE INPUT, 3 STEP BRIGHTNESS CONTROL, INTERNAL 120 VOLT CONTROL CIRCUIT, OUTPUT METER, "REMOTE-OFF" STEP B10, B30, B100, CONTROL SWITCH, INPUT AND OUTPUT LIGHTNING ARRESTERS, AND LABEL REGULATOR "TAXIWAY "C" "F" "N" CIRCUIT 8B". FURNISH AND INSTALL CIRCUIT BREAKER, POWER, CONTROL WIRING AND CONDUIT AS REQUIRED. WIRE AND PROGRAM LIGHTING CONTROL SYSTEM FOR NEW CIRCUIT. SEE NOTE LV1.

**VAULT EQUIPMENT SCHEDULE**

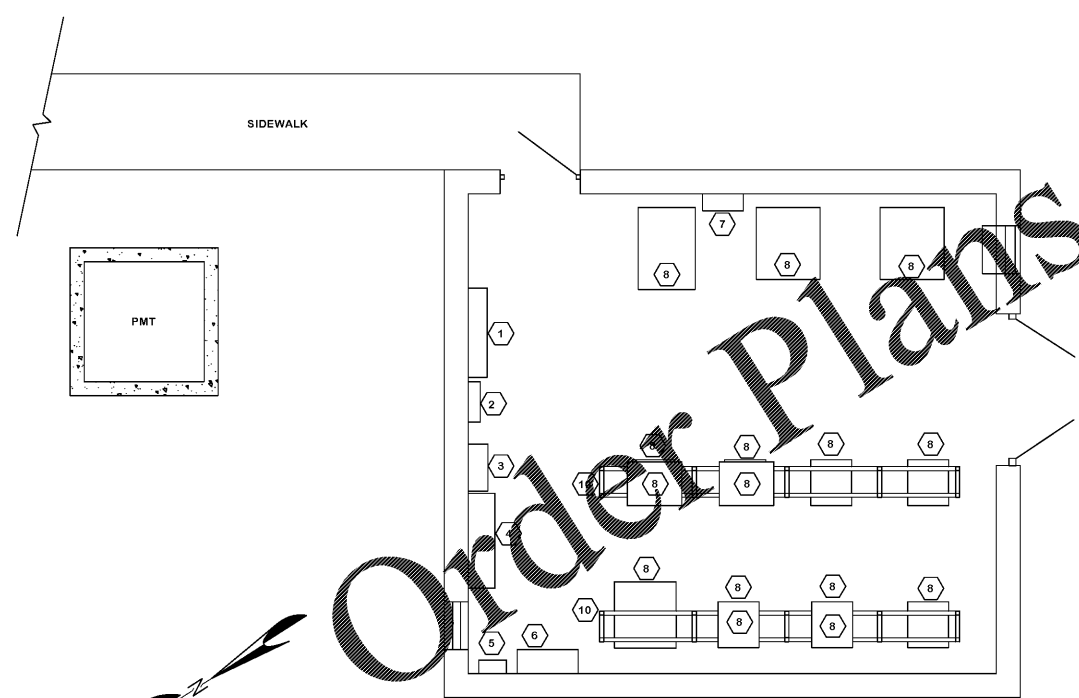
ITEM NO.	DESCRIPTION OF ITEM	REMARKS
1	MAIN PANEL "MP" WITH 800 AMP, 208Y/120 VOLT, 3Ø, 4W MAIN CIRCUIT BREAKER, G.E. DISTRIBUTION PANEL.	PROVIDE NEW CIRCUIT BREAKER TO SERVE NEW CCR. PROVIDE NEW LABELS FOR TAXIWAY "C" "F" "N" CCR C/B. SEE NOTE LV1.
2	PANEL "LA", 125 AMP, MAIN LUGS ONLY 208Y/120 VOLT, 3Ø 4W, G.E. PANELBOARD.	EXISTING TO REMAIN.
3	ADB AIRFIELD SOLUTIONS PLC CONTROL SYSTEM.	EXISTING TO REMAIN.
4	FIELD CONNECT CABINET.	EXISTING TO REMAIN.
5	L-854 RADIO CONTROL UNIT.	EXISTING TO REMAIN.
6	L-847 CIRCUIT SELECTOR SWITCH.	EXISTING TO REMAIN.
7	RLIM PROCESSING CABINET.	EXISTING TO REMAIN.
8	EXISTING CONSTANT REGULATOR	EXISTING TO REMAIN.
9	NEW REGULATOR, 7.5KW, 6.6 AMP, 3 STEP, 208V, TO SERVE NEW TAXIWAY "C" "F" "N" CIRCUIT 8B. SEE NOTE LV1.	PROVIDE NAMEPLATE IDENTIFICATION "TAXIWAY "C" "F" "N" CIRCUIT 8B". SEE NOTE LV1.
10	REGULATOR MOUNTING RACK SYSTEM.	EXISTING TO REMAIN.



**POWER WIRING DIAGRAM - 7.5KW REGULATOR FOR TAXIWAY "C" "F" "N" CIRCUIT 8B**

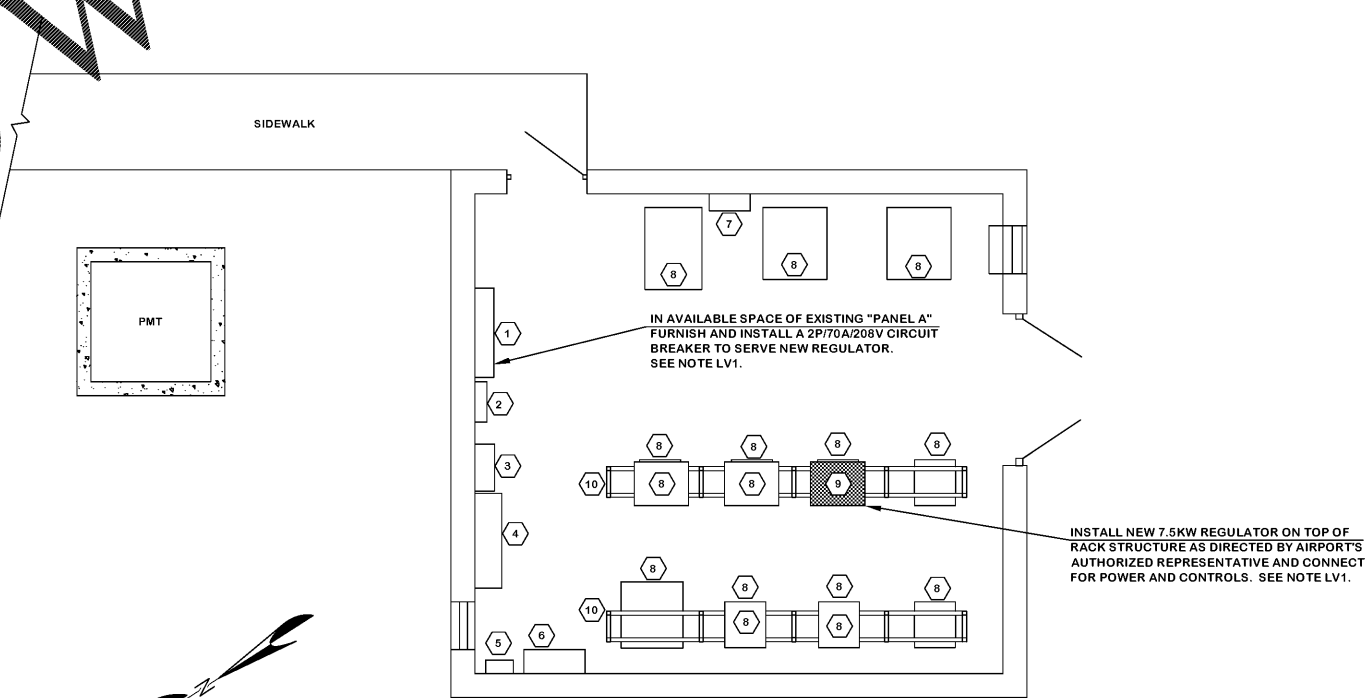
N.T.S.

SEE NOTE LV1 FOR WORK IN AIRFIELD LIGHTING VAULT.



**AIRFIELD LIGHTING VAULT - EXISTING EQUIPMENT LAYOUT**

SCALE: 1/4"=1'-0"



**AIRFIELD LIGHTING VAULT - NEW EQUIPMENT LAYOUT**

SCALE: 1/4"=1'-0"