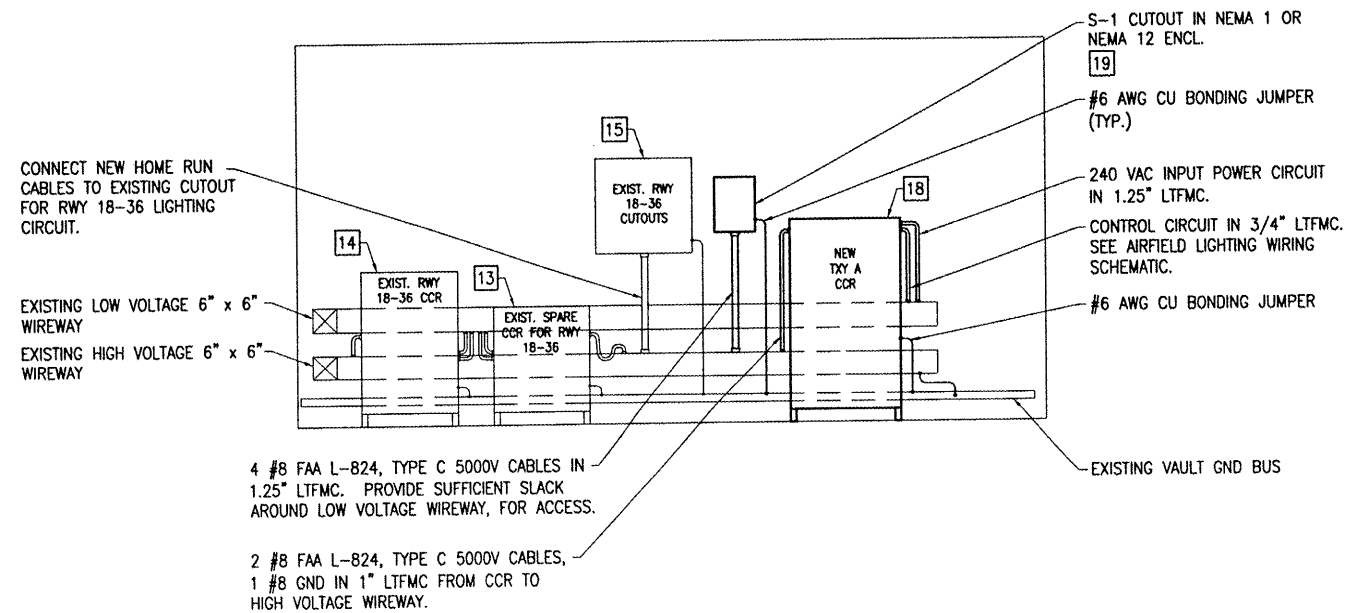


VAULT ELECTRICAL EQUIPMENT PLAN
 SCALE 1/2"=1'-0"
 1 0 2 4 FEET



VAULT NORTH WALL ELEVATION
 SCALE 1/2"=1'-0"
 1 0 2 4 FEET

KEYED NOTES

- 1 EXISTING 120/240 VAC, 1PH, 3W FEEDER FROM SERVICE BREAKER TO VAULT PANEL.
- 2 EXISTING VAULT PANELBOARD.
- 3 EXISTING AC SURGE PROTECTOR/TVSS.
- 4 EXISTING RELAY/LIGHTING CONTACTOR PANEL.
- 5 EXISTING L-854 RADIO CONTROL UNIT WITH J-BOX BELOW.
- 6 EXISTING RELAY INTERFACE PANEL FOR RUNWAY 18-36 CCR.
- 7 EXISTING ELECTRIC WALL HEATER (EH-1).
- 8 EXISTING ELECTRIC WALL HEATER (EH-2).
- 9 EXISTING EXHAUST FAN EF-1, COOK MODEL 180SW 18S10D.
- 10 EXISTING INTAKE LOUVER L-1.
- 11 EXISTING 6" BY 6" LOW VOLTAGE WIREWAY.
- 12 EXISTING 6" BY 6" HIGH VOLTAGE WIREWAY.
- 13 EXISTING SPARE CCR FOR RUNWAY 18-36. PROVIDE NEW LEGEND PLATE.
- 14 EXISTING RUNWAY 18-36 CONSTANT CURRENT REGULATOR. PROVIDE NEW LEGEND PLATE.
- 15 EXISTING SERIES PLUG CUTOUTS IN A NEMA 12 ENCLOSURE WITH HINGED COVER, FOR RWY 18-36 LIGHTING CIRCUIT. DISCONNECT EXISTING HOMERUN CONDUCTORS FROM LOAD SIDE OF RWY 18-36 CUTOUTS AND RECONNECT THESE CONDUCTORS TO THE TAXIWAY A CUTOUT. TERMINATE THE NEW RWY 18-36 HOMERUN CONDUCTORS ON THE LOAD SIDE OF THE EXISTING CUTOUTS.
- 16 EXISTING 4-4" GRSC FROM LOW VOLTAGE WIREWAY TO LOW VOLTAGE HANDHOLE.
- 17 EXISTING 2-4" GRSC FROM HIGH VOLTAGE WIREWAY TO HIGH VOLTAGE HANDHOLE.
- 18 NEW TAXIWAY A CONSTANT CURRENT REGULATOR. SEE GENERAL NOTE 1.
- 19 NEW SERIES PLUG CUTOUT, TYPE S-1 IN A NEMA 1 OR NEMA 12 ENCLOSURE WITH HINGED COVER, FOR TAXIWAY A LIGHTING CIRCUIT.
- 20 NEW RELAY INTERFACE PANEL FOR TAXIWAY A CCR. SEE AIRFIELD LIGHTING WIRING SCHEMATIC FOR WIRING REQUIREMENTS. INSTALL ABOVE RELAY INTERFACE PANEL FOR RWY 18-36 CCR.

GENERAL NOTES

1. SEE "NEW ELECTRICAL ONE LINE DIAGRAM FOR VAULT" FOR LOW VOLTAGE INPUT POWER WIRING REQUIREMENTS TO TXY A CCR (CONSTANT CURRENT REGULATOR). SEE "HIGH VOLTAGE WIRING SCHEMATIC" FOR CCR OUTPUT WIRING REQUIREMENTS. SEE "AIRFIELD LIGHTING WIRING SCHEMATIC" FOR CCR CONTROL WIRING REQUIREMENTS. PROVIDE 5 FEET MINIMUM CLEAR WORKING SPACE IN FRONT OF EACH CCR AND EACH SERIES PLUG CUTOUT.
2. CONSTANT CURRENT REGULATORS AND THEIR RESPECTIVE SERIES PLUG CUTOUTS SHALL BE CLEARLY LABELED TO IDENTIFY THE RESPECTIVE REGULATOR DESIGNATION, RUNWAY OR TAXIWAY SERVED, POWER SOURCE OR CIRCUIT, AND VOLTAGE SYSTEM. PROVIDE NEW LEGEND PLATES FOR EXISTING CCR'S & CUTOUTS.
3. SEE ELEVATION VIEWS FOR ADDITIONAL INFORMATION ON PROPOSED EQUIPMENT LAYOUTS.
4. MAINTAIN SEPARATION OF HIGH VOLTAGE AND LOW VOLTAGE CIRCUITS. LOW VOLTAGE WIRING SHALL ENTER THE RESPECTIVE CCR AT THE LOW VOLTAGE SECTION. HIGH VOLTAGE WIRING SHALL ENTER THE RESPECTIVE CCR AT THE HIGH VOLTAGE SECTION.

BY	REVISION	DATE

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**
 I.L. PROJ.: M39-3760 A.I.P. PROJ.: 3-17-0087-89

HEL Project No. 07A01280_0800	FILENAME E-101.DWG	SCALE 1/2"=1'-0"	DATE 03/21/08
LAYOUT	KNL	02/26/08	02/27/08
DRAWN	MY	02/27/08	03/18/08
REVIEWED	CAH	03/18/08	



**PROPOSED PARTIAL
 PARALLEL TAXIWAY**
 VAULT FLOOR PLAN
 AND ELEVATIONS

MAR 20, 2008 3:30 PM HAGL000382 \\AIRPORTS\METROPOLIS\07A01280\CAD\SHEETS\E-101.DWG - Layout1