



EXISTING VAULT NOMENCLATURE

- ① EXISTING 7 1/2 KW REGULATOR (SPARE), TO BE REMOVED.
- ② EXISTING 10KW REGULATOR FOR TAXIWAY #1, TO BE REMOVED (ADD. ALT. 1)
- ③ EXISTING 10KW REGULATOR FOR TAXIWAY #2, TO BE RELOCATED.
- ④ EXISTING 10KW REGULATOR FOR RUNWAY 18/36, TO BE RELOCATED (ADD. ALT.1)
- ⑤ EXISTING 20KW REGULATOR FOR RUNWAY 7/25.
- ⑥ EXISTING HIGH VOLTAGE POWER DISTRIBUTION PANEL. 480V, 3-PHASE WITH 400A MAIN C.B. INSTALL NEW (2) 20A, 2-POLE C.B.
- ⑦ EXISTING 50KVA, 480V-120/240V, 1-PHASE LIGHTING TRANSFORMER.
- ⑧ EXISTING LOW VOLTAGE LIGHTING PANEL, 120/240V, 1-PHASE WITH 225A MAIN C.B..
- ⑨ EXISTING 8" X 8" LOW VOLTAGE WIREWAY.
- ⑩ EXISTING RELAY PANEL FOR L-821 PANEL CONTROLS.
- ⑪ EXISTING LOW VOLTAGE CABLE PULL BOX.
- ⑫ EXISTING LIGHTING CONTACTOR AND DIGITAL TIMER FOR EXISTING ENTRANCE ROAD LIGHTING.
- ⑬ EXISTING 8" X 8" HIGH VOLTAGE WIREWAY.
- ⑭ RELOCATED 10KW REGULATOR FROM EXISTING TAXIWAY #2 REGULATOR TO BE USED AS SPARE. (SEE NOTE 1)
- ⑮ ADD. ALT. 1 - RELOCATED 10KW REGULATOR FROM EXISTING RUNWAY 18/36 REGULATOR. (SEE NOTE 2)
- ⑯ NEW 15KW, 480V, 3-STEP REGULATOR FOR TAXIWAY #2 CIRCUIT. (SEE NOTE 3)
- ⑰ ADD. ALT. 1 - NEW 15KW, 480V, 3-STEP REGULATOR FOR RUNWAY 18/36 CIRCUIT. (SEE NOTE 3)
- ⑱ EXISTING 6-4" GRS CONDUITS TO LOW VOLTAGE MANHOLE.
- ⑲ EXISTING 6-WAY CONCRETE ENCASED DUCT BANK TO LOW VOLTAGE MANHOLE.
- ⑳ EXISTING APRON LIGHTING CONTROL CABINET.
- ㉑ EXIST 8-2" CONDUITS TO HIGH VOLTAGE MANHOLE. INSTALL NEW (2) 2 #4 XLP-USE, 1 #10 GND. IN 1-1/4" UD IN EXISTING 2-2" CONDUITS.
- ㉒ NEW 4 #4 XLP-USE, 2 #10 GND. IN 2" GRS CONDUIT.
- ㉓ EXIST 2-1/C #8 5KV, L-824 TYPE C IN EXISTING CONDUITS.
- ㉔ NEW (2) 20A, 480V, 2-POLE CONTACTORS IN NEMA 1 ENCLOSURE WITH HAND-OFF-AUTO SELECTOR SWITCHES FOR RUNWAY 18 REIL AND RUNWAY 36 REIL CIRCUITS. (SEE NOTE 4)
- ㉕ NEW 4 #12 THWN, 2 #12 GND. IN 1" GRS CONDUIT TO 480V, POWER PANEL. INSTALL NEW (2) 20A, 2-POLE C.B.
- ㉖ NEW 6 #12 THWN IN 3/4" GRS CONDUIT TO RELAY PANEL. (SEE NOTE 4)

NOTES:

1. REMOVE EXISTING PRIMARY FEED AND INSTALL NEW 2 #10 THWN, 1 #12 GND. IN EXISTING CONDUIT TO 480V POWER DISTRIBUTION PANEL. REPLACE EXISTING CIRCUIT BREAKER WITH NEW 30A, 2-POLE C.B. RE-CONNECT CONTROL AND AIRFIELD LIGHTING CABLES.
2. RE-CONNECT EXISTING CONTROL WIRES AND AIRFIELD LIGHTING CABLES.
3. REMOVE EXISTING PRIMARY FEED AND INSTALL NEW 2 #8 THWN, 1 #10 GND. IN EXISTING CONDUIT TO 480V POWER DISTRIBUTION PANEL. REPLACE EXISTING CIRCUIT BREAKER WITH NEW 50A, 2-POLE C.B. RE-CONNECT EXISTING CONTROL WIRES AND AIRFIELD LIGHTING CABLES.
4. CONNECT CONTROLS FOR REIL CONTACTORS TO EXISTING RELAY FOR RUNWAY 18/36 STEP 3 CONTROLS INSIDE EXISTING RELAY PANEL.

WH007



Whiteside County **AIRPORT**
JOSEPH H. BITTORF FIELD

Whiteside County
Airport

Sterling / Rock Falls,
Illinois

Whiteside County
Airport

AIP: 3-17-0098-B14
SQI-3830

**REHABILITATE
TAXIWAY EDGE
LIGHTS (PARALLEL
/ CONNECTING
TAXIWAYS A AND E
EAST OF RUNWAY
18/36)**

Revisions

No.	Date	Description

0 1
THIS BAR IS EQUAL TO 1"
AT FULL SCALE (17 X 11).

DESIGN BY:	CMT- RFD
DRAWN BY:	CMT- RFD
CHECKED BY:	CMT- RFD
APPROVED BY:	JGP
DATE:	7.25.2008
JOB No:	08292-04-00

**VAULT
MODIFICATIONS
PLAN
(VMP1)**

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VAULT MODIFICATIONS PLAN

SHEET 14 OF 15 SHEETS