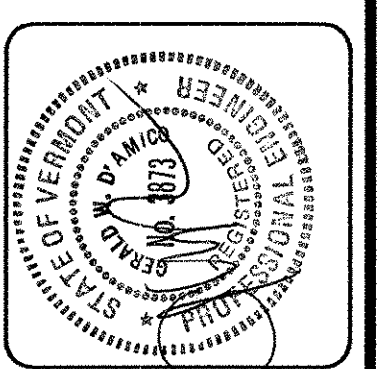


- NOTES:
1. ALL WIRING IS 1/2" #12, UNLESS NOTED OTHERWISE
 2. PROVIDE NEW 120V RELAYS WITH NEON INDICATING LAMP, SQUARE D, TYPE KPI3 ON APPROVED EQUAL MOUNT IN EXISTING RELAY PANEL.
 3. EXISTING L-821 CONTROL PANEL TO REMAIN.
 4. NORMAL OPERATION OF AIRFIELD LIGHTING SYSTEM IS VIA RADIO CONTROL (BOTH DAY AND NIGHT OPERATION).
 5. WIND CONE TO OPERATE DAWN TO DUSK DAILY.
 6. THIS PLAN REPRESENTS APPROXIMATE EXISTING CONDITIONS IN VAULT, AND IS SHOWN FOR REFERENCE ONLY.

- EXISTING CONDITIONS:
1. RUNWAY 1-19 MIRLS POWERED FROM REGULATOR ①
 2. RUNWAY 13-31 MIRLS POWERED FROM REGULATOR ②
 3. TAXIWAY E MITLS POWERED FROM REGULATOR ③
 4. TAXIWAY B+C MITLS POWERED FROM REGULATOR ④
 5. TAXIWAY A MITLS POWERED FROM REGULATOR ②
 6. ACME ELECTRIC BOOSTER TRANSFORMER IN LINE FOR WIND CONE

- PROPOSED WORK:
1. COMBINE TAXIWAY 'C' AND TAXIWAY 'E' MITLS ON REGULATOR ③.
 2. REMOVE EXISTING REGULATOR ④; REPLACE WITH NEW 7.5 KW REGULATOR, L-828, 3 STEP 240V, 1Ø
 3. COMBINE TAXIWAY A AND F MITLS CIRCUIT ON NEW REGULATOR ④.
 4. REMOVE BOOSTER TRANSFORMER ⑦.
 5. CONNECT NEW WIND CONE CABLES.

*NEW INSTALL SINGLE PHASE, SINGLE THROW TOGGLE SWITCH.
 INSTALL SINGLE PHASE, SINGLE THROW 3 POSITION ROTARY SWITCH, #8 POSITION TERMINAL STRIP.
 INSTALL APPROPRIATE BAKELIGHT LABELS, AS DIRECTED BY ENGINEER.



REV.	DATE	DESCRIPTION

Job No. F200005046.00
 File No. F20204600E26

RUTLAND STATE AIRPORT
 CLARENDON, VERMONT

TAXIWAY IMPROVEMENTS
VAULT WIRING DIAGRAM

URS
 1 NORTHWAY LN.
 LATHAM, NEW YORK

Designed by: G.W.D.
 Drawn by: M.C.M.
 Checked by: L.M.M.
 Approved by: G.W.D.

Scale: NTS
 Date: FEB., 2003
 Sheet 26 OF 40
 Sheet No **26**