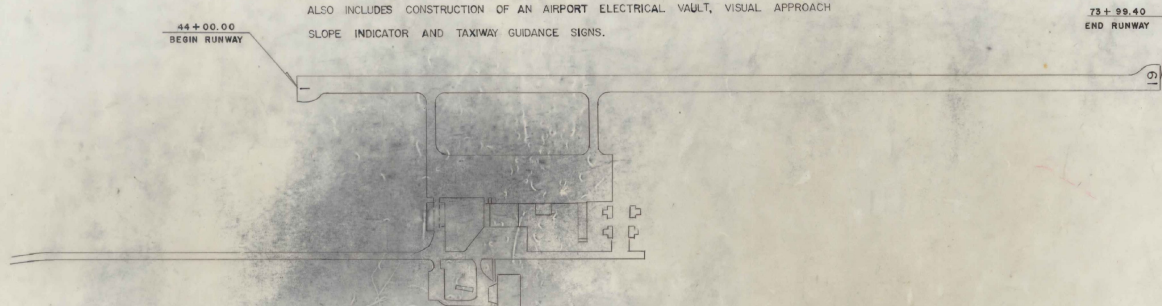
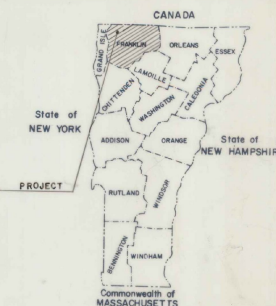
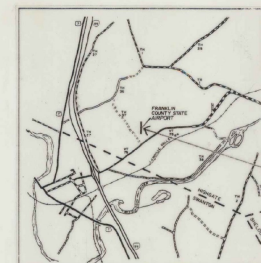


1. TITLE SHEET
2. QUANTITY SHEET
3. ELECTRICAL LAYOUT
4. SCHEMATIC SHEET
5. MISCELLANEOUS DETAILS
6. DISPOSITION OF OBSTRUCTIONS
7. AP-2 RUNWAY & TAXIWAY LIGHTING,
UNDERGROUND ELECTRICAL CABLE INSTALLATION
8. AP-3 SEGMENTED CIRCLE, AIRPORT ELECTRICAL DUCT
9. AP-4 VISUAL APPROACH AIDS
10. BLANK
11. AP-9 AIRPORT TRANSFORMER VAULT AND EQUIPMENT

CONTRACTOR - NORTH COUNTRY ELECTRIC CO., INC. P.O. BOX 42 ROCHESTER, VT. CONTRACT DATED- 9-14-84
CONSTRUCTION BEGAN - 6-13-85 CONSTRUCTION COMPLETED - ACCEPTED
L-IIO, AIRPORT UNDERGROUND ELECTRIC DUCT, HWAY AT #4- CARLOW CO. 25701 SCIENCE PARK DR., CLEVELAND, OH.
AIRPORT ROTATING BEACON, MOUNTED ON STEEL TOWER - ADG-B ALANCO, INC. P.O. BOX 30829 COLUMBUS, OH.
GALVANIZING FOR TOWERS FOR AIRPORT ROTATING BEACON - " " " " " " " " " "
STEEL TUBE FOR TOWERS FOR AIRPORT ROTATING BEACON - " " " " " " " " " "

RESIDENT ENGINEER - ROBERT J KERR JR., RECORD PLANS - ROBERT J. KERR JR.

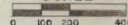
PROJECT CONSISTS OF INSTALLATION OF AN AIRPORT LIGHTING SYSTEM AT THE FRANKLIN COUNTY STATE AIRPORT. SYSTEM ~~TO BE~~ INSTALLED INCLUDES: MIRLS, MTLS, REILS, ROTATING BEACON, LIGHTED WIND CONE & SEGMENTED CIRCLE. THE PROJECT ALSO INCLUDES CONSTRUCTION OF AN AIRPORT ELECTRICAL VAULT, VISUAL APPROACH SLOPE INDICATOR AND TAXIWAY GUIDANCE SIGNS.

[illegible]

DATUM
VERTICAL _____
HORIZONTAL _____

MAG. $15^{\circ} 20'$

SCALE



I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.

D. *David A. H. H.* Resident Engineer

Date: 12-16-85

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED S. V. Payne P.E. DATE 8-20-8
DIRECTOR OF ENGINEERING AND CONSTRUCTION

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPROVED _____ DATE _____

PROJECT № AIR 03-2029

SHEET 1 OF 11 SHEETS

0-10

SRS. 12/17/70

THESE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH CRITERIA
CONTAINED IN CURRENT FAA ADVISORY CIRCULARS AS INDICATED
IN AC CHECKLIST AC 00-2WW DATED 03/15/83

STATE OF VERMONT	DEPARTMENT OF HIGHWAYS
PROJECT	NO.

AS BUILT PLANS

I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.

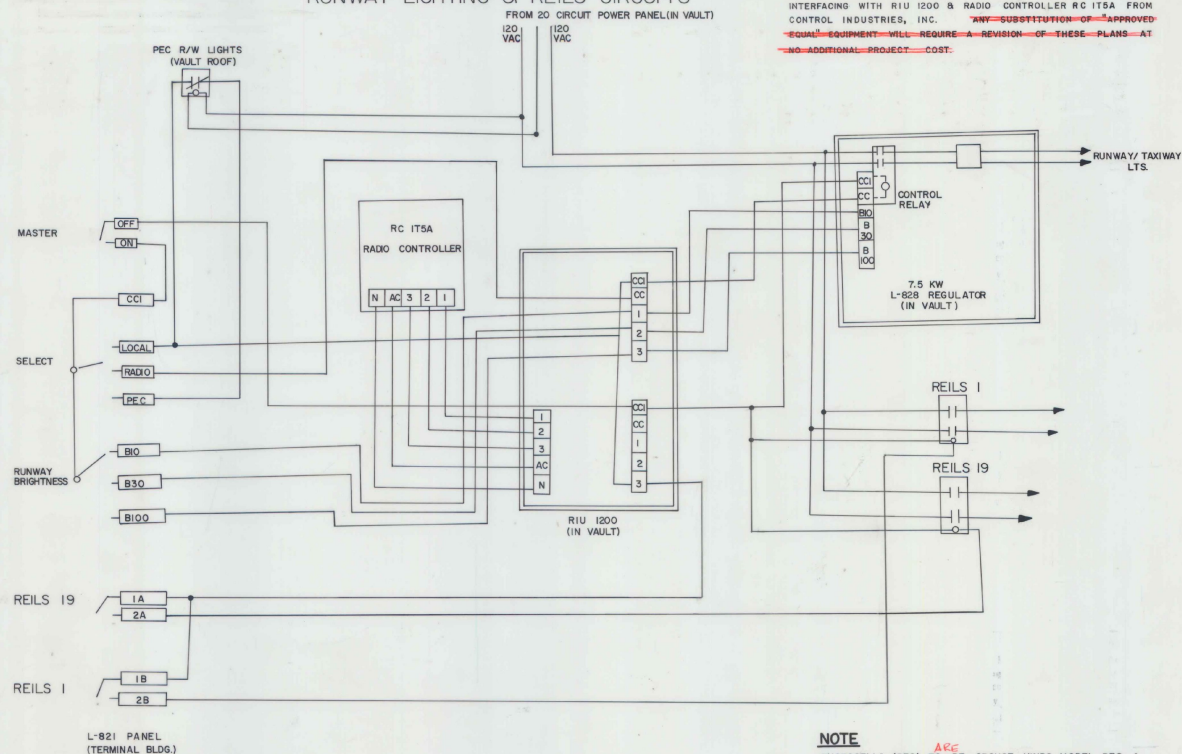
Robert H. Stamp Resident Engineer

12-16-85

RUNWAY LIGHTING & REILS CIRCUITS

NOTE.

THE WIRING DIAGRAM SHOWN BELOW IS DESIGNED FOR USE WITH RADIO
INTERFACING WITH RIU 1200 & RADIO CONTROLLER RC 1T5A FROM
CONTROL INDUSTRIES, INC. ~~ANY SUBSTITUTION OF "APPROVED~~
~~EQUAL" EQUIPMENT WILL REQUIRE A REVISION OF THESE PLANS AT~~
~~NO ADDITIONAL PROJECT COST.~~

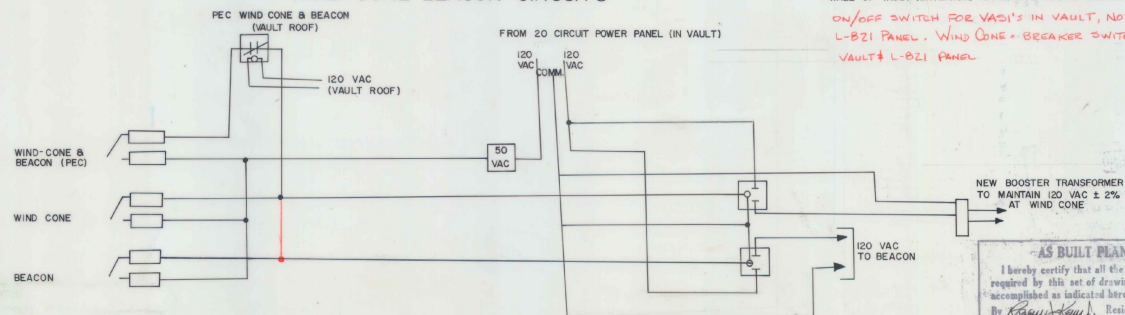


WIND CONE-BEACON CIRCUITS

NOTE

PHOTOCELLS (PEC) ~~TO BE~~ ^{ARE} CROUSE-HINDS MODEL PEC-4
OR AN APPROVED EQUAL. BOTH ~~TO BE~~ MOUNTED ON NORTH
WALL OF VAULT (EXTERIOR) APPROX. 8' ABOVE GROUND.

ON/OFF SWITCH FOR VASI'S IN VAULT, NOT ON L-821 PANEL. WIND CONE - BREAKER SWITCH IN VAULT $\neq$ L-821 PANEL.



AS BUILT PLANS

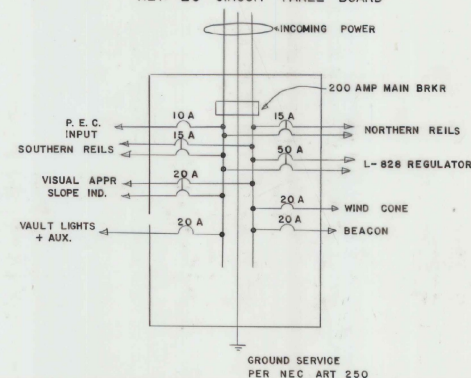
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.

By Robert J. Kane Resident Engineer

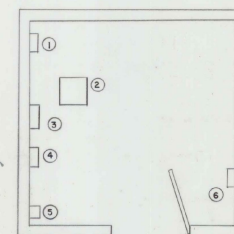
Date 12-16-65

DETAIL "A"

NEW 20 CIRCUIT PANEL BOARD



DETAIL "B"
VAULT LAYOUT



EQUIPMENT SCHEDULE

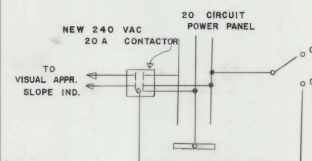
1 NEW 20 CIRCUIT POWER PANELBOARD FED. SPEC. W-P-115A & W-C-375B

- 2 NEW 7.5 KM. L-828 REGULATOR ^{IS} SHOULD BE HEAVY-DUTY ELECTRIC,
CAT. NO. 7B.828CDA- (3) OR APPROVED EQUIV.
- 3 RADIO INTERFACES ^{IS} ~~SHOULD~~ BE RIU-1200 FROM CONTROL
INDUSTRIES, INC. OR APPROVED EQUIV.
- 4 RADIO CONTROLLER ~~TO MEET~~ ^{IS} STANDARD SET FORTH IN
AC 150/5345-49.
- 5 MOUNT BOOSTER TRANSFORMER, RELAYS & CONTACTORS IN
NEMA ENCLOSURES ON EAST WALL 4' A.F.F. BOOSTER
TRANSFORMER FOR WIND COLE 120 VAC ~~SHOULD BE~~ ^{IS}
CROSS-~~HINDS~~ CAT. NO. 44915 OR EQUAL.
- 6 CONTROL STATION FOR VISUAL APPROACH SLOPE INDICATOR ~~TO~~
~~BE~~-LOCATED ON EAST WALL OF VAULT. (SEE DETAIL.)

DETAIL "C"

VISUAL APPROACH SLOPE INDICATOR

CONTROL STATION (VAULT)



NOTES:

1. ANTENNA FOR RADIO CONTROLLER ~~TO BE~~ MOUNTED ON ROOF OF NEW ELECTRICAL VAULT.
2. RADIO CONTROLLER OPERATION
CIRCUIT # (5 GLICKS) WIRLS 10%
CIRCUIT #2 (5 GLICKS) WIRLS 30%
CIRCUIT #5 (7 GLICKS) WIRLS 100%, REELS
RADIO FREQUENCY 122.8 MHZ
3. ALL WIRING ~~TO BE~~ IN CONDUIT OR CABLE TRAY.
4. THE CONTACTOR ~~SHALL BE~~ EACH CABLE AND/OR CONDUIT AT EVERY TERMINAL POINT OR JUNCTION.
5. INTERNAL WIRING FOR 48 VDC CONTROL VOLTAGE SUPPLY AT THE POWER REGULATOR MAY VARY.
6. THE L-821 PANEL ~~IS~~ LOCATED IN THE ADMIN. OFFICE OF THE MAIN HANGAR. 48 VDC CONTROL VOLTAGE FROM MAIN HANGAR 4A 25/0 @ 19 TLE. CABLE ENCASED IN 1/2" P.V.C. CONDUIT.

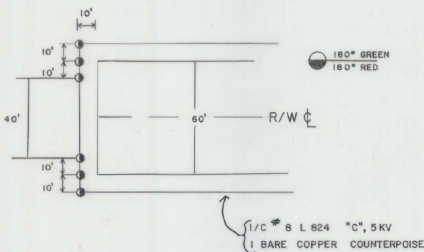
FRANKLIN COUNTY STATE AIRPORT
SCHEMATIC SHEET

SURVEYED BY _____ DATE _____
DRAWN BY BRUNELLE DATE _____
TRACED BY REILLY DATE _____

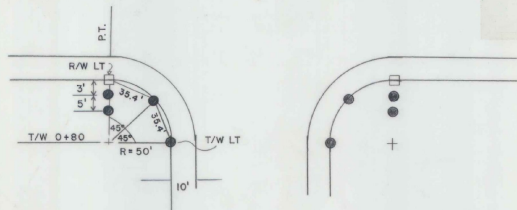
PROJ. AIR NO. 03-2029

SHEET 4 OF 11

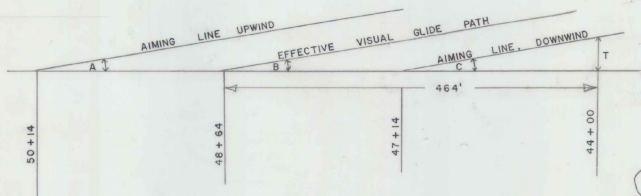
DETAIL A-1



DETAIL B-1

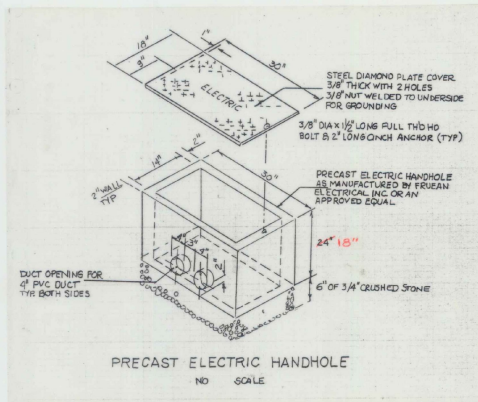


DETAIL C-1

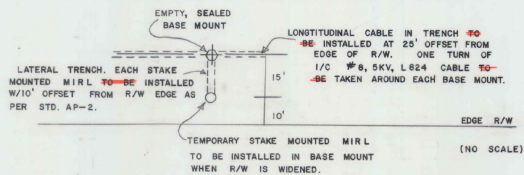


HEIGHT	OF	THRESHOLD	— 29.0' (INCLUDES 4.0' MOUNTING HEIGHT)	
LA	3° 00'		MOUNTING HEIGHT FOR SNOW	4.0
			RUNWAY ELEV. THRESHOLD	229.25
LB	3° 00'		RUNWAY ELEV. DOWNWIND BAR	228.25
LC	2° 30'		RUNWAY ELEV. RRP	228.25
			RUNWAY ELEV. UPWIND BAR	228.25
			UPWIND VASI MOUNTING HEIGHT	232.25
			DOWNWIND VASI MOUNTING HEIGHT	232.25

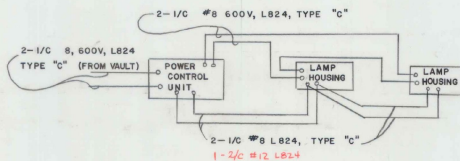
DETAIL D



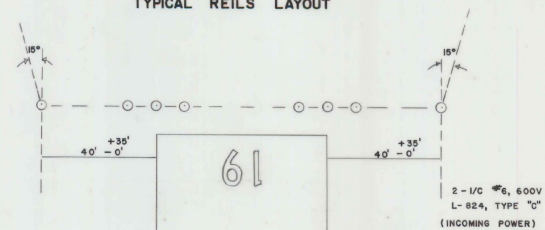
DETAIL E



DETAIL F

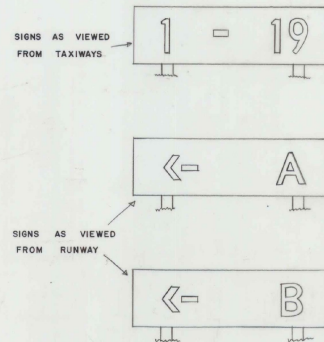


DETAIL G



NOTE: LATERAL OFFSET OF REILS FROM EDGE OF R/W
~~SHOULD BE~~ 75' FROM R/W I. (BECAUSE OF
TWO BOX VISUAL APPROACH SLOPE INDICATOR INSTALLATION)

DETAIL H



ILLUMINATED
BASE MOUNTED TAXIWAY GUIDANCE SIGNS, L 858-Y
W/FRANGIBLE MOUNTS
TYPE 1, SIZE 3, STYLE 2, CLASS 2,
AS DESCRIBED IN FAA ADVISORY
CIRCULARS 150/5340-18A & 150/5345-44C
AS MANUFACTURED BY:
STANDARD SIGNS, INC.
3190 EAST 65TH ST.
CLEVELAND, OHIO 44127
OR AN APPROVED EQUAL.

AS BUILT PLANS

I hereby certify that all the construction required by this set of drawings has been assembled as indicated herein.

By Rosemary H. H. H. Resident Engineer

Date 12-16-85

FRANKLIN COUNTY STATE AIRPORT
AIR 03 2029
MISCELLANEOUS LIGHTING DETAILS

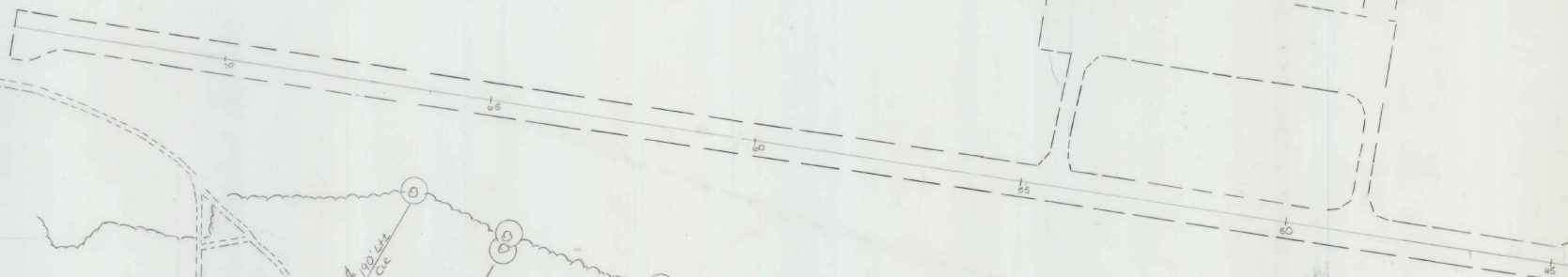
DRAWN BY R. BRUNELLE DATE 8/13/84
 TRACED BY J. ATKINS DATE 8/13/84

PROJ. NO.

SHEET 5 OF 11



20001 225' R/L
Populus, C/L
20002 225' R/L
Populus, C/L
20003 225' R/L
Populus, C/L
20004 225' R/L
Populus, C/L
20005 225' R/L
Populus, C/L
20006 225' R/L
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20100 225' R/L
Populus, C/L



NOTE: ITEM 201.10, CLEARING & GRUBBING PLUS INDIV. TREES & STUMPS DELETED FROM CONTRACT. WORK ACCOMPLISHED BY DISTRICT FORCES.

AS BUILT PLANS
I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.
By Franklin County Resident Engineer
Date 12-16-65

FRANKLIN COUNTY
STATE AIRPORT
DISPOSITION OF OBSTRUCTIONS

DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY REED DATE _____
DRAWN BY ATKINS DATE _____
TRACED BY BEUVELLE DATE _____
PROJ. NO. _____
SHEET 6 OF 11

FRANKLIN

VERMONT AGENCY OF TRANSPORTATION
PLANNING DIVISION