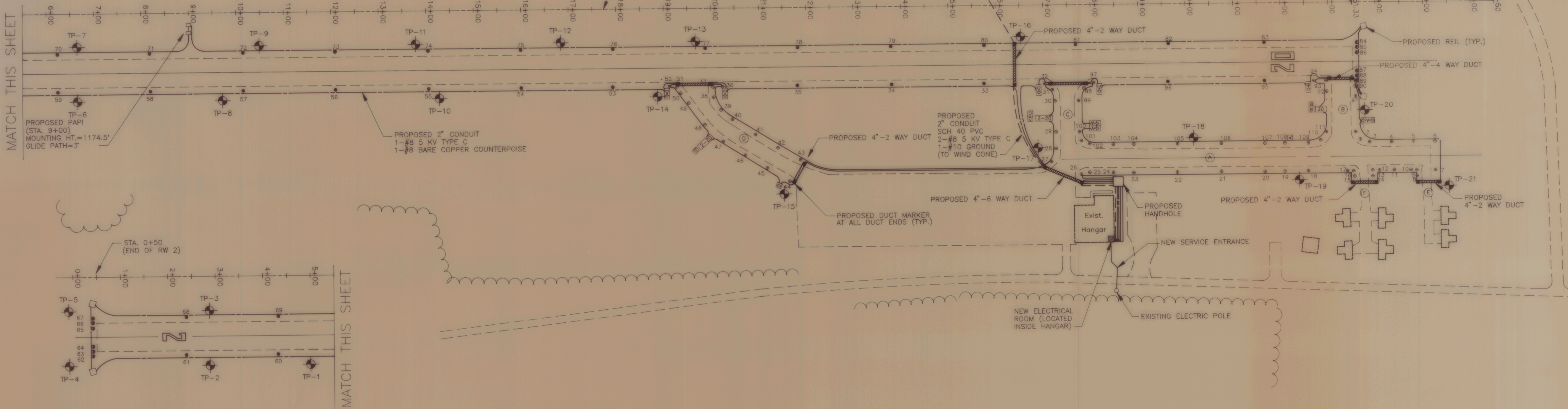


RUNWAY AND TAXIWAY LIGHTING SCHEDULE (STATION AND OFFSET REFER TO SURVEY BASELINE)															
LIGHT #	STA.	OFFSET RT.	LIGHT #	STA.	OFFSET RT.	LIGHT #	STA.	OFFSET RT.	LIGHT #	STA.	OFFSET RT.	LIGHT #	STA.	OFFSET RT.	LIGHT #
1	33+58	273'	29	27+27	267'	57	10+15	165'	85	33+61	95'	85	33+61	95'	85
2	33+67	289'	30	27+25	203'	58	8+20	165'	86	33+61	105'	86	33+61	105'	86
3	33+87	294'	31	27+20	179'	59	6+25	165'	87	33+61	145'	87	33+61	145'	87
4	34+33	294'	32	27+03	165'	60	4+30	165'	88	33+61	155'	88	33+61	155'	88
5	34+79	294'	33	25+75	165'	61	2+35	165'	89	33+61	165'	89	33+61	165'	89
6	35+24	294'	34	23+80	165'	62	0+40	165'	90	33+58	178'	90	33+58	178'	90
7	35+24	354'	35	21+85	165'	63	0+40	155'	91	33+58	199'	91	33+58	199'	91
8	34+86	367'	36	20+24	165'	64	0+40	145'	92	32+97	188'	92	32+97	188'	92
9	34+86	354'	37	20+04	165'	65	0+40	105'	93	32+96	165'	93	32+96	165'	93
10	34+73	354'	38	20+06	188'	66	0+40	95'	94	32+71	165'	94	32+71	165'	94
11	34+40	354'	39	20+21	214'	67	0+40	85'	95	31+60	165'	95	31+60	165'	95
12	34+07	354'	40	20+44	234'	68	2+35	85'	96	29+65	165'	96	29+65	165'	96
13	33+93	354'	41	20+92	266'	69	4+30	85'	97	28+09	165'	97	28+09	165'	97
14	33+93	367'	42	21+40	295'	70	6+25	85'	98	27+86	176'	98	27+86	176'	98
15	33+55	367'	43	21+88	320'	71	8+20	85'	99	27+75	203'	99	27+75	203'	99
16	33+53	356'	44	21+64	366'	72	10+15	85'	100	27+76	267'	100	27+76	267'	100
17	33+40	355'	45	21+17	337'	73	12+10	85'	101	27+80	286'	101	27+80	286'	101
18	32+57	354'	46	20+21	310'	74	14+05	85'	102	27+97	296'	102	27+97	296'	102
19	32+07	354'	47	20+26	281'	75	16+00	85'	103	28+47	296'	103	28+47	296'	103
20	31+65	354'	48	19+86	245'	76	17+95	85'	104	28+89	296'	104	28+89	296'	104
21	30+73	354'	49	19+54	199'	77	19+90	85'	105	29+81	296'	105	29+81	296'	105
22	29+81	354'	50	19+36	179'	78	21+85	85'	106	30+73	296'	106	30+73	296'	106
23	28+89	354'	51	19+28	165'	79	23+80	85'	107	31+65	296'	107	31+65	296'	107
24	28+47	354'	52	19+13	165'	80	25+75	85'	108	32+07	296'	108	32+07	296'	108
25	27+97	354'	53	17+95	165'	81	27+70	85'	109	32+57	296'	109	32+57	296'	109
26	27+79	357'	54	16+00	165'	82	29+65	85'	110	32+84	290'	110	32+84	290'	110
27	27+16	330'	55	14+05	165'	83	31+60	85'	111	32+96	273'	111	32+96	273'	111
28	27+26	302'	56	12+10	165'	84	33+61	85'							



ELECTRICAL NOTES

- No. 8 BARE COPPER STRANDED COUNTERPOISE WIRE TO BE INSTALLED ABOVE CONDUIT. SEE DETAIL SHEET.
- ALL RUNWAY/TAXIWAY LIGHTING ELECTRICAL CABLES SHALL BE No. 8, 5KV, FAA L-824, TYPE C, INSTALLED IN CONDUIT UNLESS OTHERWISE NOTED. BOTH CABLES OF A CIRCUIT MAY BE INSTALLED IN THE SAME CONDUIT, CABLES OF DIFFERENT CIRCUITS SHALL BE INSTALLED IN SEPARATE CONDUITS.
- TAXIWAY LIGHTS ARE TO BE INSTALLED 10' BACK FROM EDGE OF PAVEMENT, CABLE IS TO BE INSTALLED 13' BACK FROM EDGE OF PAVEMENT. (UNLESS SPECIFICALLY SHOWN OTHERWISE ON PLANS.)
- GUIDANCE SIGNS ARE TO BE INSTALLED 20' OFF THE TAXIWAY EDGE OF PAVEMENT. FACE OF THE SIGN IS TO BE PERPENDICULAR TO TAXIWAY CENTERLINE. SEE DETAIL SHEET.
- DIRECTION SIGNS ARE TO BE L-858Y, SIZE 1, CLASS 2, STYLE 2. TAXIWAY LOCATION SIGNS ARE TO BE L-858L, SIZE 1, CLASS 2, STYLE 2. RUNWAY HOLD SIGNS ARE TO BE L-858R, SIZE 1, CLASS 2, STYLE 2. SEE DETAIL SHEET.
- EXISTING RUNWAY LIGHTING AND CABLES ARE TO BE ABANDONED AND REMOVED BY OWNER.
- ALL CABLE CONNECTIONS ARE TO FOLLOW FAA L-823 REQUIREMENTS, AND SHALL BE MADE AT THE NEAREST LIGHT OR SIGN.
- ALL AREAS OUTSIDE THE LIMITS OF CONSTRUCTION AS SHOWN ON THE PLANS WHICH ARE DISTURBED BY THE INSTALLATION OF ANY ELECTRICAL ITEM SHALL BE REPAIRED TO ORIGINAL CONDITION, OR BETTER, AT NO COST TO THE OWNER. THIS WORK INCLUDES, BUT IS NOT LIMITED TO, REGRADING, SEEDING, MULCHING, AND FERTILIZER, AND IS TO BE SUBSIDIARY TO ITEM L-108 - CABLE TRENCH.
- NOTE STATION AND OFFSET CALL OUTS ON THE TAXIWAY LIGHTS ARE FROM SURVEY BASELINE, AND NOT FROM TAXIWAY CENTERLINE.
- WIND CONE SHALL BE FAA L-806 (STYLE 1) INTERNALLY LIGHTED, 8 FOOT SIZE.

OPERATIONAL NOTES

- RUNWAY 2-20 MUST BE CLOSED DURING WORK WITHIN 5' OF EDGE OF RUNWAY. THIS CONSISTS OF WORK ASSOCIATED WITH PLACEMENT OF THE RUNWAY DUCTS AND ASSOCIATED PAVING. RUNWAY MUST BE RESTORED TO OPERATIONAL CONDITIONS EVERY NIGHT.
- WORK WITHIN 75' OF EDGE OF RUNWAY WILL REQUIRE SPECIAL COORDINATION WITH AIRPORT OPERATIONS THRU DIRECT COMMUNICATION WITH THE AIRPORT MANAGER AND UNICOM MONITORING. THE CONTRACTOR WILL BE REQUIRED TO REMOVE EQUIPMENT FROM THIS AREA WITHIN A 15 MINUTE NOTICE FROM THE AIRPORT MANAGER TO ENABLE ARRIVING AND DEPARTING AIRCRAFTS TO OPERATE. THIS WORK SHALL CONSIST OF PLACEMENT OF RUNWAY LIGHTS, SIGNS AND DRAINAGE STRUCTURES.
- WORK ADJACENT TO AND ON TAXIWAYS SHALL BE LIMITED TO ONE TAXIWAY SEGMENT AT A TIME. CLOSURE OF TAXIWAYS E AND F SHALL BE LIMITED TO THE VERY MINIMUM TIME.
- NOTICE TO ARMEN (NOTAM'S) MUST BE ISSUED BY THE AIRPORT MANAGER PRIOR TO STARTING EACH NEW PHASE. NOTAM'S MUST BE ISSUED AT LEAST 48 HOURS IN ADVANCE OF ANY AIRPORT STATUS CHANGE. THERE CAN BE NO EXCEPTIONS. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE WITH THE RESIDENT ENGINEER AND THE AIRPORT MANAGER.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT AND ABIDE BY A SCHEDULE OF WORK APPROVED BY THE ENGINEER PRIOR TO STARTING ANY CONSTRUCTION. ANY PROPOSED DEVIATION FROM THIS SCHEDULE WILL REQUIRE ANOTHER SUBMISSION AND APPROVAL PRIOR TO ANY CHANGE.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING AND PLACING "X" OF 14 FOR REQUIRED MARKING DIMENSIONS.

LEGEND

- (A) PROPOSED TAXIWAY DESIGNATION
- (2-20) PROPOSED HOLD SIGN
- (B) PROPOSED TAXIWAY LOCATION SIGN
- (R) PROPOSED RUNWAY EXIT/TAXIWAY DIRECTION SIGN
- PROPOSED RUNWAY END IDENTIFICATION LIGHT (REIL)
- PROPOSED PRECISION APPROACH PATH INDICATOR (PAPI)
- PROPOSED RUNWAY EDGE LIGHT
- PROPOSED TAXIWAY EDGE LIGHT
- PROPOSED RUNWAY END LIGHT
- PROPOSED DUCT MARKER
- RUNWAY LIGHTING CIRCUIT
- TAXIWAY LIGHTING CIRCUIT
- WIND CONE LIGHTING CIRCUIT



TEST PIT (LOCATION APPROXIMATE)
TP-1

TP 1,4,6,16
TP 2,3,10,11,12,14
TP 5,7,13,15,17,18,20,21
TP 8,9,19

0'-1' LOAMY SAND, 1'-3' SHALE LEDGE
0'-3' LOAMY SAND, LARGE COBBLES
0'-3' LOAMY SAND
0'-3' LOAMY SAND, SMALL COBBLES

LIGHTING AND ELECTRICAL SITE PLAN

OF
CALEDONIA COUNTY STATE AIRPORT
PREPARED FOR
VERMONT AGENCY OF TRANSPORTATION

SCALE: 1" = 100' DATE: NOVEMBER 1994

DESIGNED BY: JDB, CFL
DRAWN BY: MSP, SJR
CHECKED BY: JAA
APPROVED BY: DAF

DuBois & King

ROUTE 66 PROFESSIONAL PLAZA
RANDOLPH, VERMONT
(802) 728-3376

SHEET 3 OF 14

JOB NO. N12603