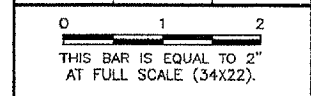


EXISTING LAYOUT
 3/8" = 1'-0"

LEGEND

- ① GENERATOR FAN SHROUD - REMOVE
- ② 150 KW, 208V, 3PH, CAT. 3208 GENERATOR SET - REMOVE
- ③ GENSET EXHAUST AND MUFFLER SYSTEM - REMOVE
- ④ 600A, 3P BREAKER - REMOVE
- ⑤ LEAD-ACID GENERATOR START BATTERIES - REMOVE
- ⑥ 20 GAL. DAY TANK - REMOVE
- ⑦ 250 GAL., DOUBLE WALLED DIESEL STORAGE TANK - REMOVE
- ⑧ CONCRETE MOUNTING PAD FOR FUEL TANK
- ⑨ COMBINATION DAMPER/LOUVER - INLET
- ⑩ COMBINATION DAMPER/LOUVER - OUTLET
- ⑪ 600A, 208V, 3P ATS, LEXCO 250 - REMOVE
- ⑫ 600A, 240V, 3P ENCLOSED DISCONNECT SWITCH
- ⑬ 4" GRS, 2 CONDUITS PER PHASE - REMOVE
- ⑭ 24 VOLT BATTERY CHARGER, WALL MOUNTED - REMOVE
- ⑮ FUEL PLUMBING BETWEEN FUEL STORAGE DAY TANK AND GENSET - REMOVE
- ⑯ 600A, 3P DISTRIBUTION PANEL
- ⑰ UTILITY METERING

REVISIONS		
NUMBER	BY	DATE



BLOOMINGTON-NORMAL AIRPORT AUTHORITY
CENTRAL ILLINOIS REGIONAL AIRPORT
BLOOMINGTON, ILLINOIS
REPLACE AIRFIELD LIGHTING VAULT STANDBY GENERATOR
EXISTING LAYOUT

PANEL SCHEDULE (EXISTING)																
PANEL DESIGNATION:		MAIN				BOND NEUTRAL AND GROUND BAR:NO				TYPE:		ITE CDP-7				
LOCATION:		Airfield Lighting Vault				SHORT CIRCUIT RATING:				POLE:		24				
VOLTS: 208Y / 120				WIRE: 4				AMPS: 600				MAIN CIRCUIT BREAKER: 600A				
PHASE: THREE				MOUNTING: Surface												
CKT NO.	LOAD	BREAKER SIZE	LOAD AMPS	USAGE FACTOR	PHASE AMPS (USAGE)			POLE NO.	PHASE AMPS (USAGE)			USAGE FACTOR	LOAD AMPS	BREAKER SIZE	LOAD	CKT NO.
					A	B	C		A	B	C					
1	LIGHTS EAST & OUTSIDE SOUTH	20A-1P			0	0	0	1	2	0	0	0		20A-1P	LIGHTS WEST	2
3	RECP EAST	20A-1P			0	0	0	3	4	0	0	0		20A-1P	RECP WEST	4
5	EMERGENCY EXT	20A-1P			0	0	0	5	6	0	0	0		20A-1P	EXT LIGHTS	6
7	SHUNT TRIP	20A-1P			0	0	0	7	8	0	0	0		20A-1P	LIGHTED WINDSOCK	8
9	TRANSFER POWER	20A-1P			0	0	0	9	10	0	0	0		20A-1P	CEILING LIGHT	10
11	RADIO POWER	20A-1P			0	0	0	11	12	0	0	0		20A-1P	PHOTOCELL	12
13	BATT CHARGER	20A-1P			0	0	0	13	14	0	0	0		20A-1P	BEACON POWER	14
15	WATER JACKET HEATER	30A-1P			0	0	0	15	16	0	0	0		20A-1P	BEACON CONTROL POWER	16
17	CCR CONTROL	20A-1P			0	0	0	17	18	0	0	0		20A-1P	DAY TANK	18
19	HEATER - EAST (OFF)	20A-3P			0	0	0	19	20	0	0	0		20A-3P	HEATER - WEST (OFF)	20
21	HEATER - EAST (OFF)	20A-3P			0	0	0	21	22	0	0	0		20A-3P	HEATER - WEST (OFF)	22
23	HEATER - EAST (OFF)	20Q-3P			0	0	0	23	24	0	0	0		20Q-3P	HEATER - WEST (OFF)	24
25					0	0	0	25	26	0	0	0				26
27					0	0	0	27	28	0	0	0				28
29					0	0	0	29	30	0	0	0				30
SECTION TOTAL:					0	0	0		0	0	0					
MIN. MAIN CIRCUIT BREAKER CAPACITY: 600					PHASE TOTAL AMPS:			A B C			TOTAL USAGE LOAD:					
					0 0 0			0 0 0			0 VA					
					PHASE TOTAL VA:			A B C			MIN. XFMR VA:					
					0 0 0			0 0 0			0 VA					

CMT
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 CONSULTING ENGINEERS
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DESIGN BY: TM
 DRAWN BY: DLB
 CHECKED BY: JEF
 APPROVED BY: RLW
 DATE: 1/13/06
 JOB No: 05085-06-00

SHEET 5 OF 11 SHEET