



### ELECTRICAL SYMBOLS

	RIGID CONDUIT-PVC SCHEDULE 40 BELOW GRADE, GALVANIZED HEAVY WALL STEEL FOR LONG SWEEP ELBOWS AND FOR ABOVE GRADE CONDUIT. CONDUIT MINIMUM OF 30" BELOW GRADE.
	EMT CONDUIT SURFACE MOUNTED WITH WIRES AS NOTED.
	EMT CONDUIT CONCEALED ABOVE CEILING WITH WIRES AS NOTED.
	POWER PANEL, 120/240 VOLTS, WITH 600 AMP MAIN BUS, NEUTRAL AND GROUND AND CIRCUIT BREAKERS SHOWN. ENCLOSURE SHALL BE NEMA 1.
	NEMA 1 JUNCTION BOX AS NOTED.
	600 AMP, 3 POLE, FUSED, MAIN DISCONNECT WITH NEUTRAL AND GROUND BARS. ENCLOSURE SHALL BE NEMA 1.
	LIGHT SWITCH, 20 AMPERES, 125 VOLTS, SINGLE POLE
	DUPLEX RECEPTACLE, 125 VOLTS, GROUND FAULT INTERRUPTER TYPE.
	THERMOSTAT 40 TO 100 DEGREES F ADJUSTABLE.
	F-1 FIXTURE AS DESCRIBED IN FIXTURE SCHEDULE.
	F-2 EXIT LIGHT FIXTURE AS DESCRIBED IN FIXTURE SCH.
	F-3 WALL BRACKET FIXTURE AS DESCRIBED IN FIXTURE SCH.
	PHOTOCELL, 125 VOLTS, CONTACTS TO CLOSE AT DUSK, ADJUSTABLE.
	MOTOR THERMAL SWITCH
	THERMOSTAT
	SPEED SWITCH

### FIXTURE SCHEDULE

F-1	1' X 4' VANDAL RESISTANT FLUORESCENT FIXTURE WITH ENERGY SAVING ELECTRONIC BALLAST, 2 -F32T8 LAMPS, CLEAR PRISMATIC POLYCARBONATE DIFFUSER, HUBBELL VL232T OR EQUAL.
F-2	WALL MOUNT EVENLITE INC. SERIES RZR-EM-R-1-W-B-AN-W OR EQUAL LED EXIT LIGHT WITH BATTERY BACKUP MINIMUM OF 4 HOURS AFTER LOSS OF POWER. POWER RATING 2.5 WATTS. BATTERY SHALL BE SEALED NICAD TYPE. UNIT SHALL COMPLY WITH NFPA LIFE SAFETY CODE 101.
F-3	WALL MOUNT PERMALUX NRG-307-PC OR EQUAL BRACKET WITH UV STABILIZED POLYCARBONATE REFRACTOR, ONE PIECE INJECTION MOLDED BRONZE POLYCARBONATE HOUSING, 70 WATT HIGH PRESSURE SODIUM VAPOR LAMP, HPS BALLAST FOR -40 DEGREES F STARTING, AND BUTTON TYPE PHOTOCONTROL.

### VENTILATION SCHEDULE

EXHAUST FAN	CARNES OR EQUAL CAT. NO. VWDK08-1600 RPM, 505 CFM AT 0.25' W. GA., 0.08 BHP, BELT DRIVE, WITH 45°-100° F MOTOR THERMAL SWITCH, THERMOSTAT AND MOTOR SPEED CONTROL. MOTOR SHALL BE HEAVY DUTY WITH PERMANENTLY LUBRICATED SEALED BEARINGS, 200,000 HOURS AVERAGE LIFE. VARIABLE PITCH MOTOR SHEAVES SHALL BE STANDARD. WALL OPENING 12"x12" WITH GRILLE. INCLUDE BACK DRAFT DAMPER, ALUMINUM WITH FELT EDGES.
INTAKE LOUVER	SIZE 18"x18", CARNES FLJA OR EQUAL, EXTRUDED ALUMINUM FRAME, NATURAL MILL FINISH, 1/2"x1/2" BIRD SCREEN 19 GA. GALVANIZED WIRE. PROVIDE MOTOR OPERATOR, 120 VOLTS. LOUVER TO OPEN WHEN EXHAUST FAN IS RUNNING.



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SHEET NO.  
E-2  
OF 6 SHEETS

GALESBURG MUNICIPAL AIRPORT  
GALESBURG, ILLINOIS  
**VAULT LIGHTING  
AND RECEPTACLES**  
HUTCHISON ENGINEERING, INC.  
JACKSONVILLE, ILLINOIS  
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