	ELECTRICAL LEGEND - SCHEMATIC			
	NORMALLY OPEN (N.O.) CONTACT			
-14-	NORMALLY CLOSED (N.C.) CONTACT			
(9)	STARTER COIL, * = STARTER NUMBER			
о. — Ж —	OVERLOAD RELAY CONTACT			
(R)	CONTROL RELAY, * = CONTROL RELAY NUMBER			
®	RELAY, * = RELAY NUMBER			
000	TOGGLE SWITCH / 2 POSITION SWITCH			
OFF AUTO	2-Position selector switch			
HAND AUTO	3-Position selector switch (H-O-A Shown)			
17	2 POLE DISCONNECT SWITCH			
111	3 POLE DISCONNECT SWITCH			
<u>></u>	PHOTOCELL			
-0-	TERMINAL BLOCK, * = TERMINAL NUMBER			
	DEVICE TERMINAL, * = DEVICE TERMINAL NUMBER			
	INTERNAL PANEL WIRING			
	FIELD WIRING			
1111	FUSE			
GND	ground bus or terminal			
S/N	NEUTRAL BUS			
華	GROUND, GROUND ROD			
14	N.O. THERMAL SWITCH			
°F°	N.C. THERMAL SWITCH			

	ELECTRICAL ABBREVIATIONS			
A, AMP	AMPERES			
AWG	AMERICAN WIRE GAUGE			
BKR	BREAKER			
С	CONDUIT			
СВ	CIRCUIT BREAKER			
CKT	CIRCUIT			
CR	CONTROL RELAY			
cu	COPPER			
DPDT	DOUBLE POLE DOUBLE THROW			
DPST	DOUBLE POLE SINGLE THROW			
EM	EMERGENCY .			
EMT	ELECTRICAL METALLIC TUBING (THIN WALL)			
ENCL	ENCLOSURE			
EP	EXPLOSION PROOF			
GFCI	GROUND FAULT CIRCUIT INTERRUPTER			
GFI	GROUND FAULT INTERRUPTER			
GND	GROUND			
GRSC	GALVANIZED RIGID STEEL CONDUIT (HEAVY WALL)			
HIĐ	HIGH INTENSITY DISCHARGE			
HOA	HAND OFF AUTOMATIC			
HP	HORSEPOWER			
HPS	HIGH PRESSURE SODIUM			
J	JUNCTION BOX			
KVA	KILOVOLT AMPERE(S)			
KW	KILOWATTS			
FC	LIGHTING CONTACTOR			
LTFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT (UL LISTED)			
UP.	LICHTING PANEL			
MAX	MAXIMUM			
MCB	MAIN CIRCUIT BREAKER			
MCM	THOUSAND CIRCLUAR MIL			
MDP	MAIN DISTRIBUTION PANEL			
MH	METAL HALIDE			
MIN	MINIMUM			
MLO	MAIN LUGS ONLY			
NC	NORMALLY CLOSED			
NO	NORMALLY OPEN			
NTS	NOT TO SCALE			
OHE	OVERHEAD ELECTRIC			
OL.	OVERLOAD			
PB	PULL BOX			
PC	PHOTO CELL			
P08	POWER DISTRIBUTION BLOCK			
PNL	PANEL			

LE035

٦ .	ELECTRICAL LEGEND DIANC			
4		ELECTRICAL LEGEND — PLANS		
		CONDUIT (EXPOSED)		
		CONDUIT OR UNIT DUCT (CONCEALED OR BURIED)		
		DUCT		
	—-Е	BURIED/UNDERGROUND ELECTRIC		
] :	C1	CABLE IN UNIT DUCT (1= CIRCUIT NUMBER)		
	OHE	OVERHEAD ELECTRIC		
	Å	POLE MOUNTED HID FIXTURE		
	٠ O	WALL OR CEILING MT [*] D. JUNCTION BOX. CONFIGURATION VARIES WITH USE		
]	Ó	SINGLE THROW DISCONNECT SWITCH		
	Ā	SINGLE THROW, FUSIBLE DISCONNECT SWITCH		
	4338	ENCLOSED CIRCUIT BREAKER		
	Œ	PAD MOUNT POWER DIST. & CONTROL PANEL		
	•	MOTOR		
	Image: section of the	TRANSFORMER		
	В	ELECTRIC UTILITY METER		
-		ENCLOSURE		
		CIRCUIT BREAKER PANEL-SEE SCHEDULES		
	0	GROUND ROD		

HANSON PROFESSIONAL SERVICES INC.

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EXTEND TAXIWAY E: CONSTRUCT GA APRON, AVGAS FUELING APRON AND AUTO PARK 100

AIP PROJECT NO. 3-17-0140-B38 IDA PROJECT NO. LOT-3441

NOTES:

- 1. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 (MOST CURRENT ISSUE IN FORCE), THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES, AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID THE U.L. LISTING, ETL LISTING (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.
- 2. CONTRACTOR SHALL COORDINATE WORK AND ANY POWER OUTAGES WITH THE RESPECTIVE FACILITY OWNER PERSONNEL AND THE AIRPORT MANAGER.
- 3. COLOR CODE PHASE AND NEUTRAL CONDUCTOR INSULATION FOR NO. 6 AWG OR SMALLER. PROVIDE COLORED INSULATION OR COLORED MARKING TAPE FOR PHASE AND NEUTRAL CONDUCTORS FOR NO. 4 AWG AND LARGER. INSULATED GROUND CONDUCTORS SHALL HAVE GREEN COLORED INSULATION FOR ALL CONDUCTOR AWG AND/OR KCMIL. STANDARD COLORS FOR POWER WIRING AND BRANCH CIRCUITS SHALL BE AS FOLLOWS:

208/120 VAC, 3 PHASE, 4 WIRE PHASE B RED

PHASE C BLUE NEUTRAL. WHITE GROUND GREEN No. Drawing Issue Description Date By

Date

MARCH 25, 2005 Sheet Title

ELECTRICAL LEGEND AND ABBREVEATIONS

840-04D8041 Project Number KNL 03-08-05 Layout By Date KNL 03/08/05 Designed By Date CAH 03/08/05 MV] --- | ---

DUPLEX RECEPTACLE 120V SINGLE PHASE GROUNDING TYPE EXPLOSION PROOF CONDUIT SEAL-OFF FITTING CLASS I, DIVISION 1, GROUP D

ELECTRICAL ABBREVIATIONS (CONTINUED)

RCPT

s

SPD

SPST

TYP

UG

UGE

W/

W/0

XFMR

RECEPTACLE

RELAY

STARTER

TYPICAL

VOLTS

WITH

MINHOUT

TRANSFER

TRANSFORMER

WEATHER PROOF

UNDERGROUND

UNDERGROUND ELECTRIC

SURGE PROTECTION DEVICE

SINGLE POLE SINGLE THROW

TRANSIENT VOLTAGE SURGE SUPPRESSOR