

PANEL B			
CKT #	DUTY	SIZE	CKT #
1	INTERIOR LIGHTING	15A, 1P	2
3	OUTDOOR LIGHTING	15A, 1P	4
5	OUTDOOR RECEPTACLES	20A, 1P	6
7	INDOOR RECEPTACLES	20A, 1P	8
9	UNIT HEATER #1	30A, 2P	10
11			12
13	UNIT HEATER #2	30A, 2P	14
15			16
17	EXHAUST FAN	15A, 1P	18
19	FIRE ALARM CONTROL PANEL	15A, 1P	20
21	BLANK		22
23			24
25			26
27			28
29			30
31			32
33			34
35			36
37			38
39			40
41			42

225 AMP, 120/240 VAC, 1 PHASE, 3 WIRE, 42 CIRCUIT PANELBOARD WITH MAIN LUGS IN A NEMA 1 ENCLOSURE. INCLUDE SEPARATE GROUND BAR KITS. ALL BRANCH BREAKERS SHALL BE BOLT ON TYPE WITH 35,000 AIC AT 120/240 VAC. PANELBOARD SHALL BE SQUARE D CAT. NO. NF42L2C WITH NEMA 1 ENCLOSURE, OR APPROVED EQUAL.

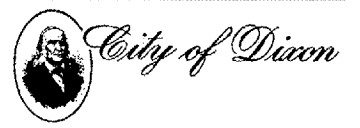
- NOTES**
- PANELBOARD BUSSES SHALL BE COPPER. NEUTRAL BUS SHALL BE COPPER. EQUIPMENT GROUND BAR SHALL BE COPPER.
 - INCLUDE ENGRAVED PHENOLIC LEGEND PLATE LABELED "PANEL B, 120/240 VAC, 1 PHASE, 3-WIRE".

- NOTES**
- 3/C #6 XLP-USE 600V UG CABLE IN UNIT DUCT WILL BE PAID FOR UNDER ITEM AR108656. LOW VOLTAGE HANDHOLE WILL BE PAID FOR UNDER ITEM AR110610. UPGRADES TO THE EXISTING AIRPORT ROTATING BEACON WILL BE PAID FOR UNDER ITEM AR800951. ALL OTHER WORK SHOWN ON THIS SHEET WILL BE PAID FOR UNDER ITEM AR109200 INSTALL ELECTRICAL EQUIPMENT PER L.S.
 - SEE NEW VAULT ELECTRICAL ONE LINE DIAGRAM (SHEET 1) FOR ADDITIONAL NOTES.

NEW VAULT ELECTRICAL ONE-LINE DIAGRAM (CONTINUED)



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CHARLES R. WALGREEN FIELD

CONSTRUCT REPLACEMENT
AIRFIELD ELECTRICAL VAULT

AIP PROJECT NO. 3-17-0036-B8
IDA PROJECT NO. C73-3548

No.	Drawing Issue Description	Date	By

Date
JUNE 23, 2006
Sheet Title

NEW VAULT ELECTRICAL
ONE LINE DIAGRAM
(SHEET 2)

843-05C8010
Project Number
KNL 06/14/06
Layout By Date
KNL 06/14/06
Designed By Date
RMH 06/23/06
Reviewed By Date
MV
Drawn By

E11
SHEET 25 OF 36