

**PANEL DESIGNATOR**

PANEL: PP  
 FED FROM: EXISTING 200 AMP SERVICE - SEE SITE PLAN  
 MOUNTING: SURFACE  
 MAINS: 200 AMP MAIN CIRCUIT BREAKER  
 CONNECTED LOAD:

CKT NO.	KW LOAD	DESCRIPTION	BREAKER AMP	BREAKER P	DESCRIPTION	KW LOAD	CKT NO.
1	20	EXIT, EMERGENCY	100	2	HANGAR PANEL	NOTE 1	2
2	30	BI-FOLD DOOR	-	-	-	4	4
3	-	-	-	-	-	6	6
5	20	CONVENIENCE OUTLETS	20	1	HANGAR LIGHTS	8	8
7	20	CONVENIENCE OUTLETS	20	1	HANGAR LIGHTS	10	10
9	20	EXTERIOR LIGHTING	20	1	SPARE	12	12
11	20	SPARE	20	1	SPARE	14	14
13	20	SPARE	20	1	SPARE	16	16
15	20	SPARE	20	1	SPARE	18	18
17	SPACE	SPACE	SPACE	SPACE	SPACE	20	20
19	SPACE	SPACE	SPACE	SPACE	SPACE	22	22
21	SPACE	SPACE	SPACE	SPACE	SPACE	24	24
23	SPACE	SPACE	SPACE	SPACE	SPACE	26	26
25	SPACE	SPACE	SPACE	SPACE	SPACE	28	28
27	SPACE	SPACE	SPACE	SPACE	SPACE	30	30
29	SPACE	SPACE	SPACE	SPACE	SPACE	30	30

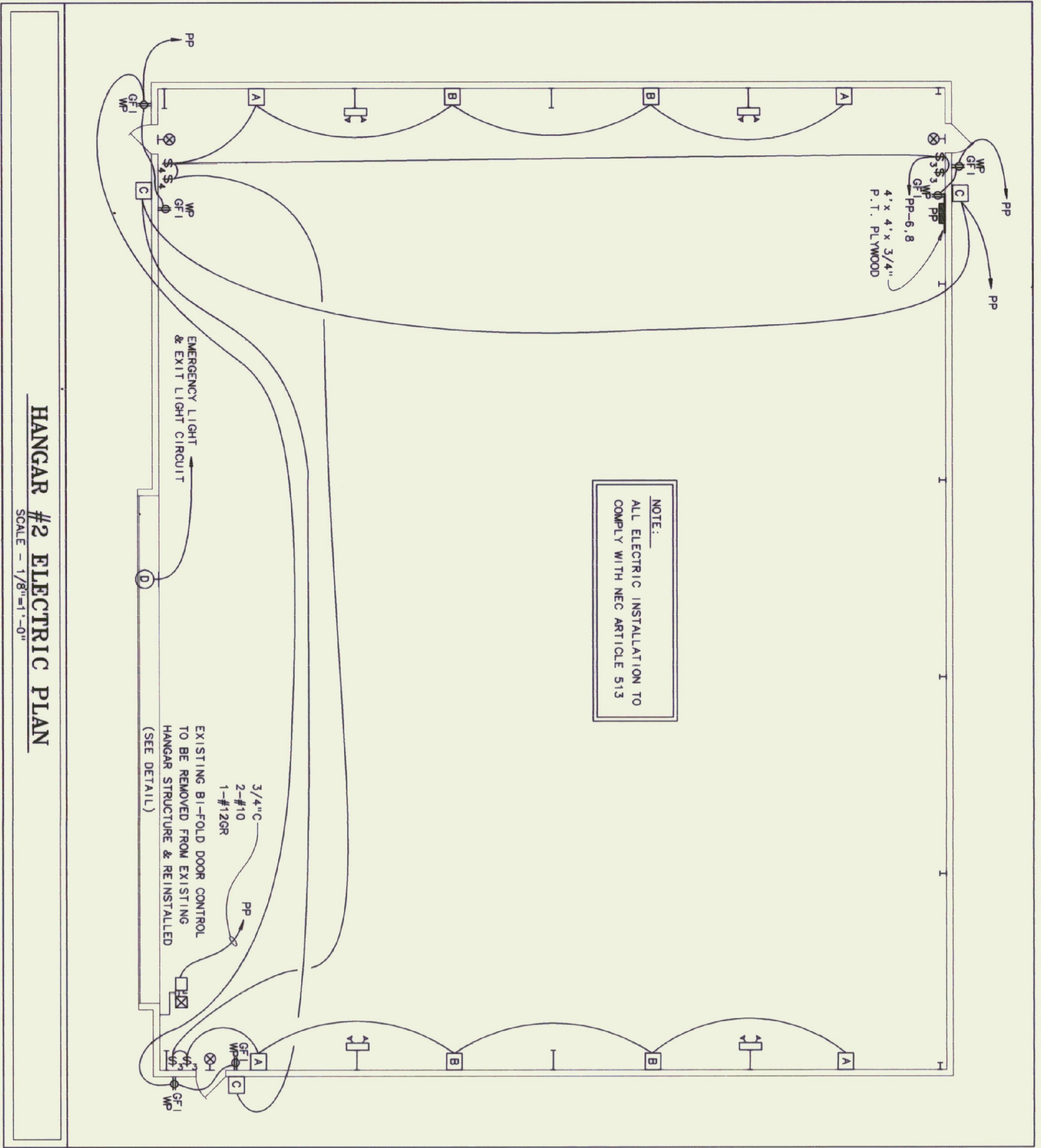
NOTE 1: SEE SITE PLAN

**ELECTRICAL LEGEND**

- H.I.D. FIXTURE
- WALL LIGHT
- EXIT LIGHT - WALL
- EMERGENCY LIGHT - DOUBLE HEAD
- SINGLE POLE SWITCH
- THREE WAY SWITCH
- DUPLEX OUTLET
- MOTOR STARTER
- SAFETY SWITCH
- PUSH BUTTON STATION
- ABOVE FINISHED FLOOR
- ELECTRICAL CONTRACTOR
- GROUND

**ELECTRICAL FIXTURE SCHEDULE**

KEY	MANUFACTURER & MODEL	MOUNTING	LAMPS	VOLTS	REMARKS
A	GE-VLUF-25-S-1-A-1-7X6-OB-B	21' AFF	250W-HPS	120	TIME DELAY-AUTO SWITCHED 150W QUARTZ LAMP
B	GE-HLUF-25-S-1-A-1-4X2-OB-B	21' AFF	250W-HPS	120	TIME DELAY-AUTO SWITCHED 150W QUARTZ LAMP
C	KIM W01402-70HPS-120-OB-F-1 A30 SOS	WALL - (SEE ARCH ELEV.)	70W-HPS	120	PHOTOCELL CONTROL
D	HUGHES PHILIPS - OB20A31 RED SINGLE OBSTRUCTION LIGHT	3/4" GRG 12" ABV / ROOF RIDGE	116W-LH116	120	LB CONDULET ON EXT WALL
<input checked="" type="checkbox"/>	LIGHTALARMS - XEBRW-FL	4" OUTLET BOX	2 - 12 WATT	12	10' AFF
<input checked="" type="checkbox"/>	LIGHTALARMS - XEBRW-FL	UNIVERSAL	2 - 7 WATT	12	12" ABOVE DOOR



**HANGAR #2 ELECTRIC PLAN**

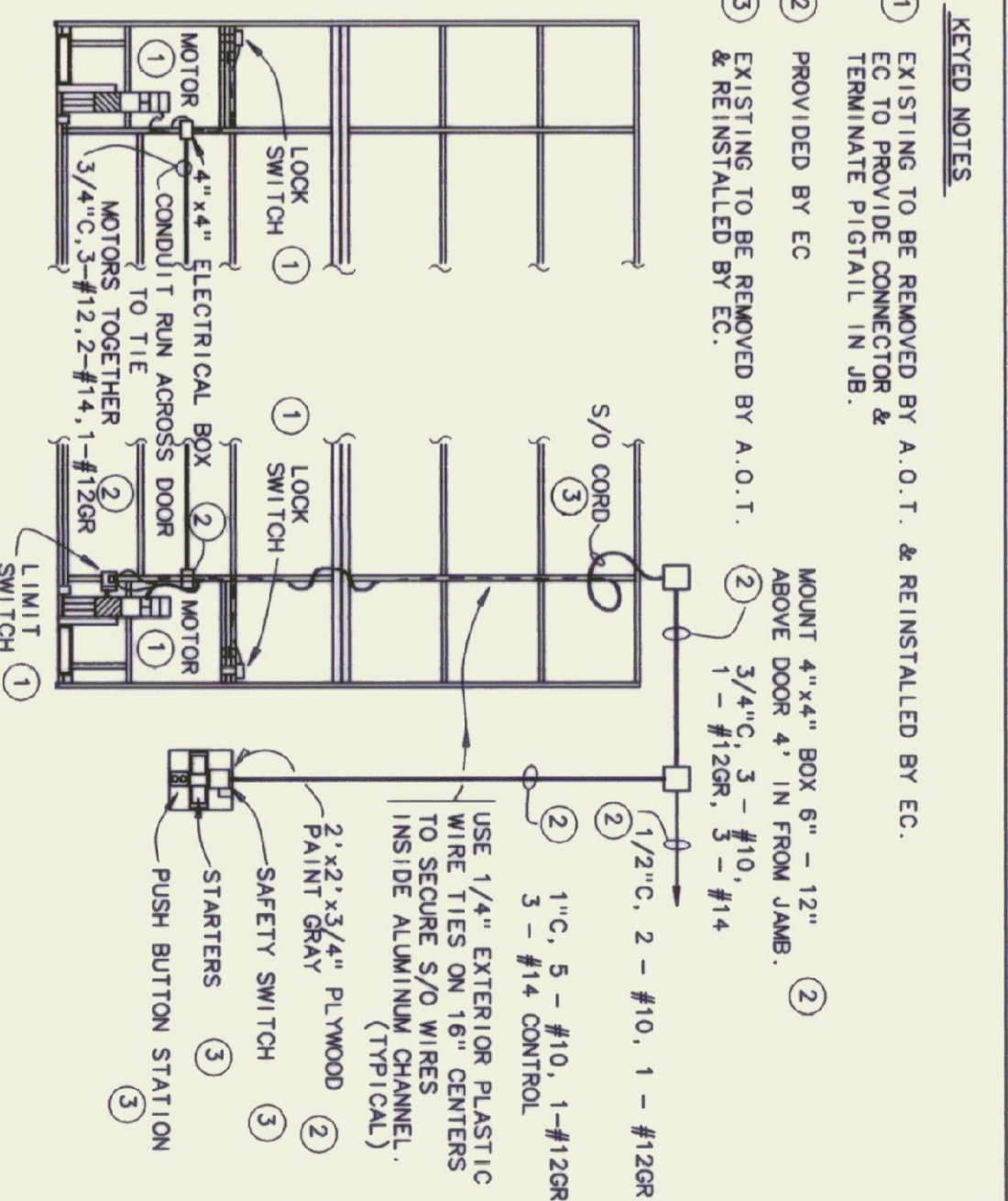
SCALE = 1/8"=1'-0"

NOTE:  
 ALL ELECTRIC INSTALLATION TO COMPLY WITH NEC ARTICLE 513

EXISTING BI-FOLD DOOR CONTROL TO BE REMOVED FROM EXISTING HANGAR STRUCTURE & REINSTALLED (SEE DETAIL)

**BI-FOLD DOOR DETAIL**

NO SCALE



**KEYED NOTES**

- EXISTING TO BE REMOVED BY A.O.T. & REINSTALLED BY EC. TO PROVIDE CONNECTOR & TERMINATE PIGTAIL IN JB.
- PROVIDED BY EC
- EXISTING TO BE REMOVED BY A.O.T. & REINSTALLED BY EC.

MOUNT 4"x4" BOX 6" - 12" ABOVE DOOR 4" IN FROM JAMB.

1/2" C. 2 - #10, 1 - #12GR

1" C. 5 - #10, 1 - #12GR

3 - #14 CONTROL

USE 1/4" EXTERIOR PLASTIC WIRE TIES ON 16" CENTERS TO SECURE S/O WIRES INSIDE ALUMINUM CHANNEL. (TYPICAL)

2"x2"x3/4" PLYWOOD

PAINT GRAY

SAFETY SWITCH

STARTERS

PUSH BUTTON STATION



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**HARTNESS AIRPORT**  
 SPRINGFIELD, VERMONT  
 VERMONT STATE BUILDINGS DIVISION  
 NEW AIRPORT HANGAR #2

**HANGAR #2 ELECTRIC PLAN**

DATE: 1/8/1996  
 DRAWN BY: B.W.M.  
 APPROVED BY: [Signature]

SCALE: 1/8"=1'-0"

REVISIONS:

CAD FILE: P-HA2-E1  
 SHEET: 7 OF 7

DWG NO. **E-1**