

PANEL DESIGNATORS

PANEL : P1
FLIGHT SERVICE

MOUNTING: SURFACE
MAINS: 225 AMP M.L.O., 208Y/120, 3PH, 4W
BRANCHES: 10,000 AIC
CONNECTED LOAD: 36 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER P AMP	DESCRIPTION	KW LOAD	CKT NO.
1	25	PANEL P7	3	100	BEACON	3	2
3		WEATHER STATION	-	20	STATIC REGULATOR	1.5	4
5			-	40	GAS PUMP	3	6
7	.5	HOSE REEL	1*	15	WITH	-	8
9	-	W/SWITCH NEUTRAL	-	-	SWITCH NEUTRAL	-	10
11	-	EXISTING	1	20	EXISTING	.5	12
13	.5	CIRCUITS	1	20	CIRCUITS	.5	14
15	.5	CIRCUITS	1	20	CIRCUITS	.5	16
17	.5	CIRCUITS	1	20	SPARE		18
19		SPARE	1	20	SPARE		20
21		SPARE	1	20	SPARE		22
23		SPACE			SPACE		24
25		SPACE			SPACE		26
27		SPACE			SPACE		28
29		SPACE			SPACE		30
31		SPACE			SPACE		32
33		SPACE			SPACE		34
35		SPACE			SPACE		36
37		SPACE			SPACE		38
39		SPACE			SPACE		40

* SWITCH NEUTRAL
NOTE: CIRCUITS LABELED AS "EXISTING CIRCUITS" TO BE IDENTIFIED AND LABELED - ALL PANELS.

PANEL DESIGNATORS

PANEL : P2
BUILDING

MOUNTING: SURFACE
MAINS: 225 AMP M.L.O., 208Y/120, 3PH, 4W
BRANCHES: 10,000 AIC
CONNECTED LOAD: 20KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER P AMP	DESCRIPTION	KW LOAD	CKT NO.
1	12	PANEL P8	3	100	EXISTING CIRCUITS	2	2
3		JANITOR'S CLOSET	-	20	EXISTING CIRCUITS	4	4
5			-	20	EXISTING CIRCUITS	6	6
7	1.5	WATER HEATER - WH-2	1	20	EXISTING CIRCUITS	8	8
9	1.0	WATER PUMP	2	20	HEAT REGULATORS	10	10
11			-	15	BOILER	12	12
13	.5	EXISTING CIRCUITS	1	15	TEMP CONTROL	14	14
15	.5	EXISTING CIRCUITS	1	15	CONV. OUTLETS	16	16
17	.5	EXISTING CIRCUITS	1	15	EXTERIOR LIGHTS	18	18
19	.5	EXISTING CIRCUITS	1	15	SPARE	20	20
21	.5	EXISTING CIRCUITS	1	15	SPARE	22	22
23		SPACE		20	SPARE	24	24
25		SPACE			SPACE	26	26
27		SPACE			SPACE	28	28
29		SPACE			SPACE	30	30
31		SPACE			SPACE	32	32
33		SPACE			SPACE	34	34
35		SPACE			SPACE	36	36
37		SPACE			SPACE	38	38
39		SPACE			SPACE	40	40

NOTE:
PANELS P3, P5, P7, P8
ARE EXISTING PANELS AND
ARE TO REMAIN.

PANEL DESIGNATORS

PANEL : P6
RESTAURANT

MOUNTING: SURFACE
MAINS: 225 AMP M.L.O., 208Y/120, 3PH, 4W
BRANCHES: 10,000 AIC
CONNECTED LOAD: ESTIMATED 20KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER P AMP	DESCRIPTION	KW LOAD	CKT NO.
1		① EXISTING CIRCUITS	2	30	① EXISTING CIRCUITS	2	2
3		EXISTING CIRCUITS	-	20	① EXISTING CIRCUITS	4	4
5		② EXISTING CIRCUITS	2	20	① EXISTING CIRCUITS	6	6
7		EXISTING CIRCUITS	-	20	① EXISTING CIRCUITS	8	8
9		② EXISTING CIRCUITS	3	40	① EXISTING CIRCUITS	10	10
11		EXISTING CIRCUITS	-	-	EXISTING CIRCUITS	12	12
13		EXISTING CIRCUITS	-	20	② EXISTING CIRCUITS	14	14
15		② EXISTING CIRCUITS	1	20	② EXISTING CIRCUITS	16	16
17		② EXISTING CIRCUITS	1	20	② EXISTING CIRCUITS	18	18
19		② EXISTING CIRCUITS	1	20	② EXISTING CIRCUITS	20	20
21		SPARE	1	20	SPARE	22	22
23		SPARE	1	20	SPARE	24	24
25		SPACE		20	SPACE	26	26
27		SPACE			SPACE	28	28
29		SPACE			SPACE	30	30
31		SPACE			SPACE	32	32
33		SPACE			SPACE	34	34
35		SPACE			SPACE	36	36
37		SPACE			SPACE	38	38
39		SPACE			SPACE	40	40

- ① EXISTING RESTAURANT CIRCUIT ORIGINATES AT LOAD CENTER IN BOILER ROOM. MOVE CIRCUIT TO P6.
- ② EXISTING RESTAURANT CIRCUIT ORIGINATES AT PANEL IN JANITOR'S CLOSET. MOVE CIRCUIT TO P6.

PANEL DESIGNATORS

PANEL : P4
RESTAURANT

MOUNTING: SURFACE
MAINS: 400 AMP, M.L.O., 208Y/120, 3PH, 4W
BRANCHES: 22,000 AIC
CONNECTED LOAD: 95 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER P AMP	DESCRIPTION	KW LOAD	CKT NO.	
1	50	PANEL P5	3	200	PANEL P6	30	2	
3			-	-			4	
5			-	-			6	
7	15	WATER HEATER	3	50	SPACE	8	8	
9		WH-1	-	-	SPACE	10	10	
11			-	-	SPACE	12	12	
13		SPACE			SPACE	14	14	
15		SPACE			SPACE	16	16	
17		SPACE			SPACE	18	18	
19							20	20
21							22	22
23							24	24



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DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

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BERLIN, VERMONT

DATE: 9/06/91
DRAWN BY: B.W.M.
SCALE: AS SHOWN
APPROVED BY: E.E.P.

REVISIONS: _____
DWG NO. 5 OF 5