

### PANEL DESIGNATORS

MOUNTING: SURFACE  
 MAINS: 225 AMP MLO, 208Y/120, 3P, 4W  
 BRANCHES: AS SHOWN  
 CONNECTED LOAD:

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER AMP	DESCRIPTION	KW LOAD	CKT NO.
1	?	?	1	20	W. LIGHTS		2
3	?	?	1	20			4
5	M. SHOP		1	15	LOW BAY		6
7			1	15	REC. ENG.		8
9	M. SHOP		1	15	W. LIGHTS		10
11	P. WASHER		1	30	EX. FAN		12
13	NIGHT LIGHT		1	15			14
15	REC. LOWBOY		1	20	RAO LIGHTS		16
17	HEAT	①	1	15	2 OVER DOOR	①	18
19	?		1	15			20
21	HEAT	①	1	15	GRINDER		22
23	WATER COOLER		1	15			24
25							26
27							28
29							30
31							32
33							34
35							36
37							38
39							40
41							42

### PANEL DESIGNATORS

PROVIDE NEW PANEL MOUNTING: SURFACE  
 MAINS: 225 AMP MLO, 208Y/120, 3P, 4W  
 BRANCHES: AS SHOWN  
 CONNECTED LOAD: 32KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER AMP	DESCRIPTION	KW LOAD	CKT NO.
1		TOILET EXHAUST FAN	1	15	COMPRESSOR	15	2
3	2	SUPER AIR CONDITIONER	2	30			4
5	-		-	15			6
7	-		-	70	COMPRESSOR	15	8
9	FLOOR HEAT		1	15			10
11	AIR CONDITIONER		2	15			12
13	AIR CONDITIONER		-	-	SPARE		14
15	SPACE				SPACE		16
17	SPACE				SPACE		18
19	SPACE				SPACE		20
21	SPACE				SPACE		22
23	SPACE				SPACE		24
25	SPACE				SPACE		26
27	SPACE				SPACE		28
29	SPACE				SPACE		30

### PANEL DESIGNATORS

MOUNTING: SURFACE  
 MAINS: 225 AMP MLO, 208Y/120, 3P, 4W  
 BRANCHES: AS SHOWN  
 CONNECTED LOAD:

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER AMP	DESCRIPTION	KW LOAD	CKT NO.
1		LOW BAY LIGHTS, GREASE RACK	1	15	LOWBAY LIGHTS		2
3		LOW BAY LIGHTS, GREASE RACK	1	15	LOWBAY LIGHTS		4
5		LOW BAY LIGHTS BY OFFICE	1	15	REC. FOR TIRE BALANCER		6
7		OFFICE LIGHTS	1	15			8
9		RECEPTACLE	1	15	? ? ? 2 POLE		10
11		REC. ON RIGHT SIDE OF PANEL	1	15	1 HIGH BAY LIGHTS		12
13		REC. BY OVERHEAD DOORS	1	20	1 HEATER LOW BAY		14
15		NIGHT LIGHT & OFFICE RECEPTACLES	2	50	1 HEATER HIGH BAY		16
17		SPARE 50AMP 2 POLE BREAKER	2	50	2 OFFICE HEAT		18
19		SPARE	1	15	15 2 OFFICE HEAT		20
21		SPARE	1	20	15 1 RECEPTACLE ON 2ND POLE		22
23		SPARE	1	20	20 1 SPARE		24
25		SPACE	1		SPACE		26
27		SPACE	1		SPACE		28
29		SPACE	1		SPACE		30
31		SPACE			SPACE		32
33		SPACE			SPACE		34
35		SPACE			SPACE		36
37		SPACE			SPACE		38
39		SPACE			SPACE		40
41		SPACE			SPACE		42

### PANEL DESIGNATORS

PROVIDE NEW PANEL MOUNTING: SURFACE  
 MAINS: 150AMP MCB, 208Y/120, 3PH, 4W  
 BRANCHES: AS SHOWN  
 EMERGENCY GEN. PANEL CONNECTED LOAD: 40 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER AMP	DESCRIPTION	KW LOAD	CKT NO.
1	10 KW	COMPUTER POWER SYSTEM	2	70	1 DIESEL PUMP	1.5 KW	2
3		" " " "	-	-	1 GAS PUMP	1.5 KW	4
5		OUTLETS	1	20	1 KEROSENE PUMP	1.5 KW	6
7	2 KW	LIGHTS -/ GALL BELL	1	20	1 PUMP ISLAND LIGHTS	.5 KW	8
9	2 KW	LIGHTS	1	20	1 FIRE SPRINKLER SYSTEM		10
11	6 KW	#1 BOILER	1	20	1 UNIVENT & CIRC PUMP		12
13	6 KW	#1 BOILER	3	40	1 BOILER ROOM OUTLETS		14
15		#1 BOILER	15	1	1 OVERHEAD DOOR		16
17		#1 BOILER	15	1	1 HEATERS		18
19	6 KW	#2 BOILER	3	40	1 HEATERS		20
21		#2 BOILER	15	1	1 HEATERS		22
23		#2 BOILER	15	2	1 OVERHEAD DOORS		24
25	3 KW	FEE PUMPS	3	15	2 OVERHEAD DOORS		26
27		FEE PUMPS	15	1	1 HEATERS		28
29		FEE PUMPS	15	1	1 HEATERS		30
31	3 KW	FEE PUMPS	3	15	1 OUTLETS		32
33		FEE PUMPS	20	1	1 OUTLETS		34
35		FEE PUMPS	20	1	1 LIGHTS Δ		36
37	1.5 KW	FEE VALVES	1	15	SPACE		38
39		GATE	2	15	SPACE		40
41		GATE	-	-	SPACE		42

### PANEL DESIGNATORS

MOUNTING: -EXISTING PANEL-  
 MAINS: THIS PANEL TO BE REMOVED  
 BRANCHES: & REPLACED BY NEW PANELS P-7 & EP  
 CONNECTED LOAD:

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER AMP	DESCRIPTION	KW LOAD	CKT NO.
1		OFF HEAT	1	15	1 FLOOR HEAT		2
3		TOILET & EXHAUST FAN	1	15	1 LIGHTS & GALL BELL		4
5		UNIVENT & CIRC. PUMP	1	15	1 COMPUTER OUTLET		6
7		SUPER AIR COND.	3	30	1 BOILER ROOM OUTLET		8
9			-	-	70 3 COMPRESSOR		10
11			-	-			12
13		FEE PUMPS	3	15			14
15			-	-	70 3 WORTHINGTON COMPRESSOR		16
17			-	-			18
19		FEE PUMPS	3	15			20
21			-	-	40 3 #1 BOILER		22
23			-	-			24
25		#2 BOILER	3	50			26
27			-	-			28
29			-	-	15 1 FEE VALVES		30
31		SPACE			SPACE		32
33		SPACE			SPACE		34
35		SPACE			SPACE		36
37		SPACE			SPACE		38
39		SPACE			SPACE		40
41		SPACE			SPACE		42

### PANEL DESIGNATORS

PROVIDE NEW PANEL MOUNTING: SURFACE  
 MAINS: 60 AMP MCB, 120/240, 1PHASE, 3W RE  
 BRANCHES: AS SHOWN - ISOLATED EQUIPMENT GROUND  
 UNINTERRUPTABLE POWER SUPPLY CONNECTED LOAD: 7 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P AMP	BREAKER AMP	DESCRIPTION	KW LOAD	CKT NO.
1	.5	TEL & SECURITY	1	15	1 TERMINALS & PRINTERS	0.3	2
3	.3	IBM 3274	1	20	1 TERMINALS & PRINTERS	1.5	4
5	1.5	TERMINALS & PRINTERS	1	20	1 TERMINALS & PRINTERS	1.5	6
7	1.0	TERMINALS & PRINTERS	1	20	1 TERMINALS & PRINTERS	1.0	8
9		SPACE	1	20	1 TERMINALS & PRINTERS	1.0	10
11		SPACE			SPACE		12
13		SPACE			SPACE		14
15		SPACE			SPACE		16

### KEYED NOTES FOR PANELS

- ① EXISTING CIRCUIT TO BE REMOVED & CONNECTED TO PANEL - 'EP'
- ② NEW CIRCUIT TO BE PROVIDED
- ③ EXISTING PANEL & CIRCUIT BREAKERS - REPLACE PANEL WITH NEW PANEL & CIRCUIT BREAKERS - CONNECT EXISTING CIRCUITS TO NEW CIRCUIT BREAKERS Δ
- ④ EXISTING CIRCUIT TO BE REMOVED & INSTALLED AT UPS

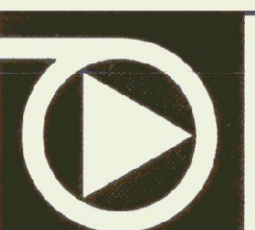
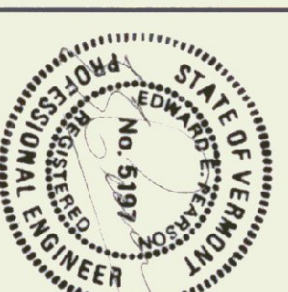
STATE OF VERMONT

MONTPELIER, VERMONT 05602

AGENCY OF TRANSPORTATION

CENTRAL GARAGE  
 ELECTRICAL PLAN

DATE: 05/20/91	SCALE: NONE	REVISIONS: Δ 6/7/91 SKL	DWG NO. E-3
DRAWN BY: B.W.M	APPROVED BY:		3 OF 4



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