

FIRST FLOOR POWER PLAN
SCALE: 1/4" = 1'-0"

PANEL: EP MCB
AMPS: 60M
CURRENT WITHSTAND: 10K
NOTES: TOTAL LOAD: 18.5 KW

LOCATION: BREAK ROOM
FED FROM: MP VIA TRANSFER SWITCH
120/240 VOLTS
1 PHASE 3 WIRE

NO	BREAKER AMPS	LOAD KW	DESCRIPTION	NO	BREAKER AMPS	LOAD KW	DESCRIPTION
1	20	0.4	RECEPTACLES	2	20	1.5	FUEL PUMP & LIGHTS
2	20	0.2	RECEPTACLES OFFICE	4	20	1.2	DOORS - OVERHEAD
3	20	0.5	STORAGE SHED	6	20	1.2	DOORS - OVERHEAD
5	20	1.4	SALI SHEDS	8	20	1.2	DOORS - OVERHEAD
7	20	1.4	LIGHTS GARAGE	10	20	0.7	DOORS - OVERHEAD
9	20	2.8	LIGHTS OFFICE/BREAK/MEZZ.	12	20	1.0	OIL FURNACE #1
11	2P	0.9	LIGHTS OUTSIDE	14	15	2.4	OIL FURNACE #2
13	20	0.4	LIGHTS STORAGE SHEDS (OUTSIDE)	16	20		SPARE
15	20	0.3	GARAGE DOOR	18	20		SPARE
17	20	1.2	SPARE	20	20		SPARE
19	20	1.2	SPARE	22	20		SPARE
21	20		SPARE	24	20		SPARE
23	20		SPARE	26	28		SPARE
25	20		SPARE	28	28		SPARE
27	20		SPARE	30			SPARE
29							
29							

PANEL: MP
AMPS: 200M
CURRENT WITHSTAND: 10K
NOTES: SERVICE RATED TOTAL LOAD: 75.7 KW

LOCATION: BREAK ROOM
120/240 VOLTS
1 PHASE 3 WIRE

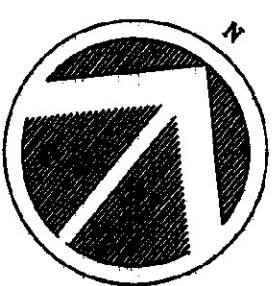
NO	BREAKER AMPS	LOAD KW	DESCRIPTION	NO	BREAKER AMPS	LOAD KW	DESCRIPTION
1	20	0.6	RECEPTACLES GN	2	60	18.5	PANEL EP VIA TRANSFER SWITCH
3	20	0.7	RECEPTACLES GN	4	20	0.7	EXHAUST FAN
5	20	0.6	RECEPTACLES GN	6	20	0.6	MEZZANINE RECEPTACLES
7	20	0.7	RECEPTACLES GN	8	20	6.7	AIR COMPRESSOR
9	20	1.1	RECEPTACLES/OFFICE	10	60	6.7	WELDER OUTLET
11	20	0.9	BATHROOM RECEPTACLES	14	50	6.7	WELDER OUTLET
13	20	0.8	RECEPTACLES/BREAKROOM	16	50	6.7	WELDER OUTLET
15	20	0.7	RANGE	18	20	1.2	PAUDDLE FANS
17	50	8.0		20	20	4.5	HW HEATER
19	20	1.5	MICROWAVE	22	30	6.7	WELDER OUTLET
21	20	1.5	REFRIGERATOR	24	20		SPARE
23	20	1.5	KITCHEN COUNTERTOP	26	20		SPARE
25	20	1.5	KITCHEN COUNTERTOP	28	60	6.7	WELDER OUTLET
27	20	2.0	WATER PUMP CONTROL	30	2P		SPARE
29	20	1.5	KITCHEN COUNTERTOP	32	20		SPARE
31	20	1.3	GARAGE BAY LIGHTS	34	20		SPARE
33	20		SPARE	36	20		SPARE
35	20		SPARE	38	20		SPARE
37	20		SPARE	40	20		SPARE
39	20		SPARE				

GENERAL NOTES:

- ANY PLACE WHERE THE CONTRACTOR PENETRATES, CUTS AND/OR REMOVES WALLS, CEILINGS, OR WOODWORK, CONTRACTOR IS TO REPLACE, PATCH AND PAINT FINISH SURFACES TO ORIGINAL FINISHES.
- FIELD VERIFY ALL DIMENSIONS BEFORE COMMENCEMENT OF WORK IS TO BEGIN. NOTIFY ENGINEER OF ANY ERRORS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR FINAL LOCATIONS OF LIGHT FIXTURES.
- EC TO PROVIDE AND INSTALL ALL DISCONNECT SWITCHES, MC TO PROVIDE ALL MOTOR STARTERS, EC TO INSTALL.

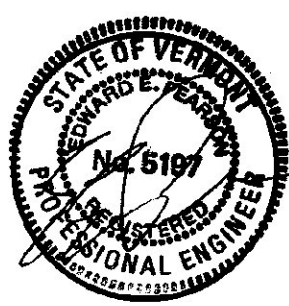
KEYED NOTES:

- OVERHEAD DOOR OPERATOR. PROVIDE WIRING TO REMOTE DOOR OPENING STATION. COORDINATE LOCATION AND WIRING REQUIREMENTS WITH OWNER AND EQUIPMENT SUPPLIER.
- COORDINATE EXACT LOCATIONS OF RECEPTACLES FOR SPECIAL EQUIPMENT WITH OWNER. CONFIRM RECEPTACLES AND PLUGS WITH OWNER.
- REFER TO ONE-LINE DIAGRAM FOR GENERATOR WIRING DETAILS.
- COORDINATE EXHAUST HOOD INSTALLATION WITH MC.
- COORDINATE EXACT LOCATIONS OF MECHANICAL EQUIPMENT WITH MC.
- MOUNT REMOTE INDICATOR @ 60", CONNECT TO DUCT SMOKE DETECTOR.



DATE	REVISION	SCALE
		AS NOTED
		DATE
		MAY 14, 2001
DRAWING NUMBER		DRAWN BY
E1		ASG
DRAWING NAME		
ELECTRICAL		
FIRST FLOOR POWER PLAN		

AGENCY of TRANSPORTATION:
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