



**PANEL: MP**  
**AMPS: 200 MAIN CIRCUIT BREAKER**  
**AMPS: FAULT CURRENT WITHSTAND: 10K**  
**NOTES: SERVICE RATED TOTAL LOAD: 40.5 KW**

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

**FLUSH MOUNT**

NO	BREAKER AMPS	KW LOAD	DESCRIPTION	NO	BREAKER AMPS	KW LOAD	DESCRIPTION
1	20*	0.6	RECEPTACLES GFI	2	50	6.7	WELDER OUTLET
3	20	0.7	RECEPTACLES GFI	4	20	0.7	EXHAUST FAN
5	20	0.6	RECEPTACLES GFI	6	20*	1.5	GARAGE DOOR
7	20*	0.7	RECEPTACLES GFI & CONTROL POWER	8	20*	1.5	WELDER OUTLET
9	20	0.6	BATHROOM, RECEPTACLES	10	50	6.7	WELDER OUTLET
11	20	0.7	RECEPTACLES/BREAK AREA	12	20*	1.5	GARAGE DOOR
13	20	1.5	REFRIGERATOR	14	20*	1.5	LIGHTING
15	20	1.5	KITCHEN COUNTERTOP	16	20*	0.7	LIGHTING & PADOLE FANS
17	20	1.5	KITCHEN COUNTERTOP	18	20*	1.2	BAY LIGHTING
19	20	1.5	KITCHEN COUNTERTOP	20	20	1.7	OUTDOOR BUILDING LIGHTING
21	20*	1.5	BOILER B-1/FUEL TRANSFER PUMP	22	20*	0.5	KITCHEN COUNTERTOP
23	20*	1.2	ORIG. PUMP C-2	24	20	1.5	SEWER TANK MONITOR
25	20*	1.0	PUMPS C-1, C-3, C-4, C-5, C-6	26	20	0.2	AIR COMPRESSOR
27	20		SPARE	28	30	3.2	SPARE
29	20		SPARE	30	20		SPARE
31	20*	1.0	FUEL DISBURSEMENT UNIT	32	20		SPARE
33	20		NEUTRAL	34	20		SPARE
35	20		SPARE	36	20		SPARE
37	20		SPARE	38	20		SPARE
39	20		SPARE	40	20		SPARE

\* DENOTES CONNECTION THRU GENERATOR TRANSFER SWITCH

**SPECIAL PURPOSE OUTLET SCHEDULE**

KEY	DESCRIPTION	SUPPLIED BY	INSTALLED BY	COND & CAP NEMA #	PROVIDED BY	VOLTS	AMPS	STARTER PROVIDED BY	INSTALLED BY	ELECTRICAL DISCONNECT PROVIDED BY	REMARKS
1	WELDER RECEPTACLE	EC	EC	6-50R	EC	240	50	-	-	---	COORD. LOCATION WITH OWNER
2	UNDERCOUNTER REFRIGERATOR RECEPTACLE	EC	EC	SINGLE CLOCK RECEPTACLE	EC	120	15	-	-	---	RECESSED
3	AIR COMPRESSOR RECEPTACLE	EC	EC	COORD WITH OWNER	EC	240	30	-	-	---	COORD. LOCATION WITH OWNER

- GENERAL NOTES:**
- ANY PLACE WHERE THE CONTRACTOR PENETRATES, CUTS AND/OR REMOVES WALLS, CEILING, OR FLOOR, CONTRACTOR IS TO REPAIR, PATCH AND PAINT FINISH SURFACES TO ORIGINAL FINISHES.
  - FIELD VERIFY ALL DIMENSIONS BEFORE COMMENCEMENT OF WORK.
  - NOTIFY ENGINEER OF ANY ERRORS.
  - EC TO PROVIDE AND INSTALL ALL DISCONNECT SWITCHES, MC TO SUPPLY ALL MOTOR STARTERS, EG TO INSTALL.
- KEYED NOTES:**
- TIMER SWITCH SHALL OPERATE BOTH MOTO'S & GARAGE EXHAUST FAN.
  - TO F.W. OIL BURNER SWITCH, SWITCH ALSO OPENS CIRCUIT TO TRANSFER OVERHEAD DOOR OPENER, PROVIDE WIRING TO REMOVE DOOR OPENING AND EQUIPMENT SUPPLIER.
  - COORDINATE EXACT LOCATIONS OF RECEPTACLES FOR SPECIAL EQUIPMENT WITH OWNER. CONSULT RECEPTACLE AND FUSES WITH OWNER.
  - TO OCCUPANCY SENSOR, DELAY OFF, 5 MINUTES.
  - TO BOILER & FUEL TRANSFER PUMP.
  - SPARE 2-1/2" CONDUIT, CAP AND MARK FOR FUTURE USE.
  - TELEPHONE TERMINATION AREA, CONDUIT TERMINATION AREA.
  - TO FUEL DISBURSEMENT UNIT, REFER TO SITE PLAN AND DETAIL.
  - LOCATION OF WATER ENTRANCE & WATER METER, BOND TO SYSTEM GROUND.

**ELECTRICAL LEGEND**

	FLUORESCENT FIXTURE
	LIGHT FIXTURE
	EXIT LIGHT
	EMERGENCY LIGHT
	SWITCH - SINGLE POLE
	SWITCH - SINGLE POLE WITH GAS BURNER PLATE
	SWITCH - 3-WAY
	SWITCH - 4-WAY
	SWITCH - TIMER, INTERMATIC FF90M
	SWITCH - OCCUPANCY SENSOR
	SWITCH - FAN SPEED CONTROL, DAVTON AC929
	FIREMATIC SWITCH, PROVIDED AND INSTALLED BY EC
	PUSH-BUTTON STATION, PROVIDED BY ES, WIRED BY EC.
	MOTOR STARTER PROV. BY MC, INSTALLED BY EC.
	SAFETY DISCONNECT PROV. AND INSTALLED BY EC.
	PANEL
	BRANCH CIRCUIT
	JUNCTION BOX
	DUPLEX RECEPTACLE
	QUAD RECEPTACLE
	DUPLEX RECEPTACLE - COUNTER HEIGHT
	DUPLEX RECEPTACLE-GFCI PROTECTED
	SPECIAL PURPOSE OUTLET, REFER TO SCHEDULE
	WEATHERPROOF, NEMA 3R RATED
	ABOVE FINISH FLOOR
	ELECTRICAL CONTRACTOR (DIVISION 16)
	MECHANICAL CONTRACTOR (DIVISION 15)
	GENERAL CONTRACTOR
	EQUIPMENT SUPPLIER
	TYPICAL OF ALL
	CENTRAL VT PUBLIC SERVICE
	NATIONAL ELECTRIC CODE
	MANUAL TRANSFER SWITCH
	HIGH TEMP. LIMIT SWITCH, PROV. BY MC, WIRED BY EC
	LOW WATER CUTOFF, PROV. BY MC, WIRED BY EC
	MOTOR
	MOTOR-OPERATED DAMPER
	PRESSURE SWITCH
	PHONE LOCATION (4" SQUARE BOX WITH 3/4" CONDUIT TO TELEPHONE TERMINATION AREA, PROVIDE EXTENSION RINGS (MUD RINGS) AS REQUIRED, SAME AS ABOVE, MOUNT @ 48" AFF

