



**ELECTRICAL POWER PLAN**  
 SCALE: 1/4" = 1'-0"  
 HORIZONTAL SCALE IN FEET

- KEYED NOTES:**
- TO EXHAUST FAN & INTAKE LOUVER. CO SENSOR & TIMER SWITCH PROVIDED BY MC, WIRED BY EC.
  - 120V LINE TO OUTDOOR AIR SENSOR, COORD. WITH MC.
  - OVERHEAD DOOR OPENER. PROVIDE WIRING TO REMOTE DOOR OPENING STATION. COORDINATE LOCATION & WIRING REQUIREMENTS WITH OWNER & EQUIPMENT SUPPLIER.
  - ALL WIRING IN THIS AREA SHALL CONFORM TO NEC ARTICLE #513. ALL RECEPTACLES SHALL BE MOUNTED AT 20" AFF.
  - PROVIDE 120V CIRCUIT & JB FOR USE BY MC FOR CONTROL WIRING. COORD. EXACT LOCATION WITH MC.
  - TELEPHONE SERVICE TERMINATION AREA.

**ELECTRICAL LEGEND**

- FLUORESCENT FIXTURE
- LIGHT FIXTURE
- SWITCH - SINGLE POLE
- SWITCH - SINGLE POLE WITH GAS BURNER PLATE
- SWITCH - 3-WAY
- SWITCH - 4-WAY
- SWITCH - FAN SPEED CONTROL, DAYTON 4C929
- 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
- WEATHERPROOF, NEMA 3R RATED
- AFF ABOVE FINISH FLOOR
- EC ELECTRICAL CONTRACTOR (DIVISION 16)
- MC MECHANICAL CONTRACTOR (DIVISION 15)
- GC GENERAL CONTRACTOR
- ES EQUIPMENT SUPPLIER
- TYP. TYPICAL OF ALL
- NEC NATIONAL ELECTRIC CODE
- HTL HIGH TEMP. LIMIT SWITCH, PROV. BY MC, WIRED BY EC
- LWC LOW WATER CUTOFF, PROV. BY MC, WIRED BY EC
- MOTOR
- MOD MOTOR-OPERATED DAMPER
- PS PRESSURE SWITCH
- PS PHONE LOCATION (4" SQUARE BOX WITH 3/4" CONDUIT TO TELEPHONE TERMINATION AREA. PROVIDE EXTENSION RINGS (MUD RINGS) AS REQUIRED.
- PC PHOTOCCELL
- TC-1 TIMECLOCK, 2-CIRCUIT, DIGITAL, ASTRONOMICAL, PROGRAMMABLE

PANEL: MP			LOCATION: BREAK ROOM				
AMPS: 150 MAIN CIRCUIT BREAKER			120/240 VOLTS 1 PHASE 3 WIRE				
AMPS FAULT CURRENT WITHSTAND: 10K			FLUSH MOUNT				
NOTES: SERVICE RATED TOTAL LOAD: 40.5 KW							
NO	BREAKER AMPS	KW LOAD	DESCRIPTION	NO	BREAKER AMPS	KW LOAD	DESCRIPTION
1	20	0.6	RECEPTACLES GFI	2	20	0.7	EXHAUST FAN
3	20	0.6	RECEPTACLES GFI	4	20*	1.5	GARAGE DOOR
5	20	1.3	RECEPTACLES GFI	6	20	1.5	GARAGE DOOR
7	20	0.5	HEATING CONTROL POWER	8	20	1.5	GARAGE DOOR
9	20	1.5	BOILER B-1/PUMP P-7	10	20	1.5	GARAGE DOOR
11	20	1.0	CIRC. PUMPS P-1 THRU P-5	12	20	1.5	GARAGE DOOR
13	20	0.7	CIRC. PUMPS P6	14	20	1.5	GARAGE DOOR
15	20		SPARE	16	20	1.7	BAY LIGHTING
17	20		SPARE	18	20	1.0	OUTDOOR BUILDING LIGHTING
19			SPACE	20	20	0.6	MECH. ROOM RECEPTACLES
21				22	20	0.6	AIRPORT LIGHTS
23				24	20	0.2	GENERATOR POWER
25				26	20	0.2	GENERATOR BATTERY CHARGER
27				28	20		SPARE
29				30	20		SPARE

\* DENOTES CONNECTION THRU GENERATOR TRANSFER SWITCH

PROGRESS PRINTS  
 NOT FOR CONSTRUCTION 12/21/05