

### LEGEND

**LUMINAIRES**

- FA FLUORESCENT LIGHT
- FB FLUORESCENT LIGHT
- CEILING LIGHT
- WALL LIGHT
- ⊗ EXIT - WALL
- ⊗ EMERGENCY LIGHT - DOUBLE HEAD
- ⊗ EXIT - CEILING

**WALL SWITCHES**

- \$ SWITCH 48" AFF
- \$MS MANUAL MOTOR STARTER
- \$P SWITCH W/ PILOT LIGHT

**WALL RECEPTACLES**

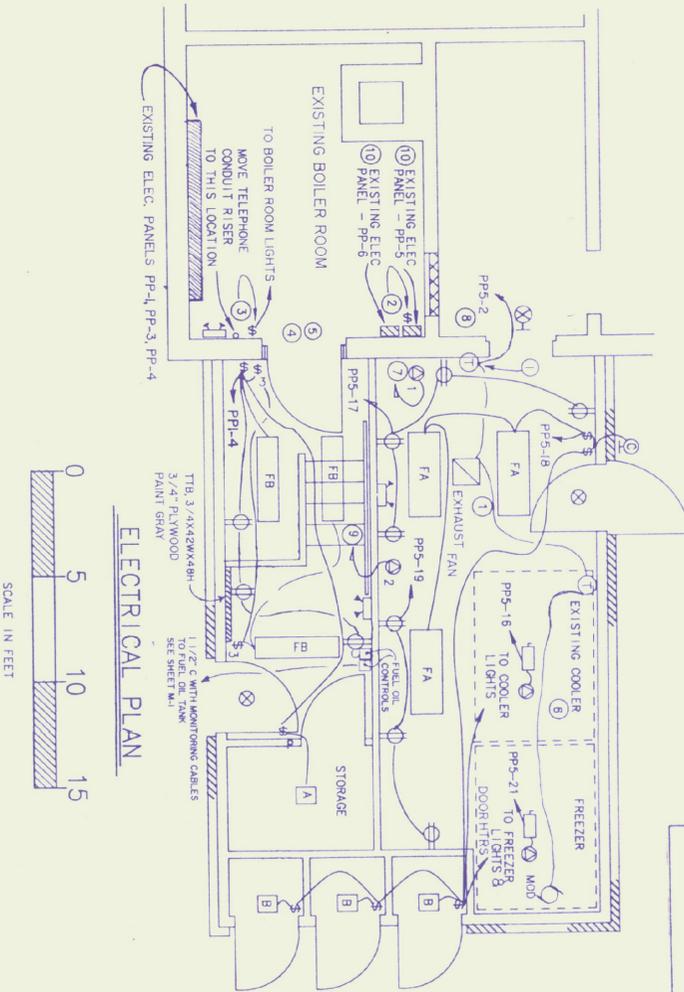
- ⊕ DUPLEX OUTLET +40 AFF
- ⊕ SPLIT WIRED DUPLEX OUTLET
- ⊕ SINGLE SPECIAL PURPOSE OUTLET

**MISCELLANEOUS EQUIPMENT**

- ⊗ MOTOR STARTER
- SAFETY SWITCH
- ▨ ELECTRIC PANEL BOARD
- MOTOR
- BRANCH CIRCUIT

**ABBREVIATIONS**

- AFF ABOVE FINISHED FLOOR
- EC ELECTRICAL CONTRACTOR
- ES EQUIPMENT SUPPLIER
- GC GENERAL CONTRACTOR
- GAP GREEN MOUNTAIN POWER CO.
- JB JUNCTION BOX
- GR GROUND
- MOD GALVANIZED RIGID CONDUIT
- TTB TELEPHONE TERMINAL BOARD
- FOR FUEL OIL RETURN
- FOS FUEL OIL SUPPLY



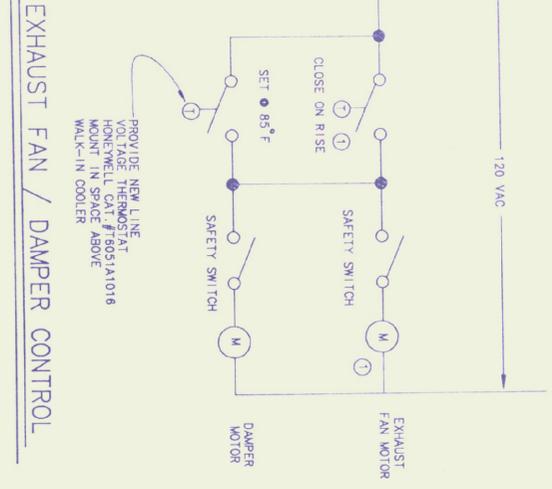
### PANEL DESIGNATORS

MAINTING: SURFACE  
 MAINS: 100 AMP - MAIN CIRCUIT BRKR. - 120/208V, 3 PHASE - 4 WIRE  
 BRANCHES: AS SHOWN  
 CONNECTED LOAD: 25.5

OUT NO.	KW LOAD	DESCRIPTION	BREAKER AMP	BREAKER P	DESCRIPTION	KW LOAD	CT NO.
1	1.0	CHAR BROILER	3	50	2	EXHAUST FAN	0.5
2	-	-	-	20	2	WARMING OVEN	4.0
3	-	-	-	30	2	-	4
4	-	-	-	-	-	-	5
5	1.5	KITCHEN	2	30	2	TOASTER	1.5
6	-	-	-	-	-	-	8
7	-	-	-	-	-	-	10
8	-	-	-	-	-	-	12
9	-	-	-	-	-	-	14
10	-	-	-	-	-	-	16
11	-	COFFEE POT	1	30	1	KITCHEN	0.5
12	-	-	-	-	-	-	14
13	1.5	BAR COOLER	1	20	1	BAR	0.5
14	0.9	SOUP MAKER	1	20	1	WALK-IN COOLER	0.5
15	0.9	-	-	-	-	-	16
16	0.7	OUTLETS	1	20	1	LIGHTS	1.3
17	0.7	OUTLETS	1	20	1	SPARE	20
18	-	-	-	-	-	-	22
19	0.7	OUTLETS	2	20	1	SPARE	24
20	-	-	-	-	-	-	24
21	1.5	WALK-IN FREEZER	-	-	-	-	26
22	-	-	-	-	-	-	26
23	-	-	-	-	-	-	28
24	-	-	-	-	-	-	28
25	-	-	-	-	-	-	28
26	-	-	-	-	-	-	28
27	-	-	-	-	-	-	30
28	-	-	-	-	-	-	30
29	-	-	-	-	-	-	30

\* EXISTING CIRCUITS IN PANELS PP-5 & PP-6. PROVIDE NEW CIRCUIT BREAKERS & CONNECT TO NEW PANEL BOARD PP-5.

- Temporary Restaurant Operation Requirements
- Refer to Site Plan for location of 8" X 20" temporary enclosure for restaurant use. Provide temporary 120/240 VAC, 60 amp service to enclosure and provide 60 amp load center with 1 - 20/2 circuit breaker and 3 - 20/1 circuit breakers. Tap to existing service and provide 60/2, 240/240 VAC, fused safety switch. Provide quantity 4, temporary light fixtures, 3 - 120 volt duplex outlets, 1 - 600w 113-20k receptacle, 1 - vacuum pack. All temporary wiring to be properly grounded and installed per NEC and VOSH.
  - Provide temporary electric hood-up of walk-in cooler.
  - Remove temporary electric and provide permanent electric as job schedule permits.



### ELECTRICAL FIXTURE SCHEDULE

KEY	MANUFACTURER & MODEL	MOUNTING	LAMPS	VOLTAJE	REMARKS
FA	KEYSTONE - LU248 - HO - DMR	SURFACE	2-F48T12/CM/HO	120	20°F BALLAST
FB	KEYSTONE - CR248 - HO - A	SURFACE	2-F48T12/CM/HO	120	20°F BALLAST
A	PRESCOTT LITE 7012	SURFACE	2-60W/99 EXT. SERV 125-130	120	
B	PRESCOTT LITE 7009	SURFACE	1-75W/99 EXT. SERV 125-130	120	PHOTOCONTROL
C	HARCO VS. 1040 HXL - P1	SURFACE-8 AFF	35W-HPS	120	
D	UNIVERSAL	UNIVERSAL	2-7 WATT-EL	120	
E	LIGHTALAMS - XE8RM-EL	4" OUTLET BOX 2 - 12 WATT		120 X 1/2	

- ### SPECIAL PURPOSE OUTLET SCHEDULE
- | KEY | ITEM        | VOLTS | AMPS | NEMA NO. | HUBBELL CAT. NO. | CONDUIT/WIRE  |
|-----|-------------|-------|------|----------|------------------|---------------|
| 1   | HEAT        | 208   | 20   | L15-20R  | 2420             | 3/4" C, 4 #12 |
| 2   | VACUUM PACK | 208   | 30   | 6-30R    | 9350             | 1/2" C, 3 #10 |
| 3   | HEATER      | 208   | 30   | 6-30R    | 9350             | 1/2" C, 3 #10 |
- KEYED NOTES
- EXISTING ROOF MOUNTED EXHAUST FAN AND LINE VOLTAGE THERMOSTAT TO BE REMOVED FROM EXISTING SHED AND REINSTALLED. PROVIDE NEW ROOF CURB.
  - EXISTING LIGHT SWITCH TO BOILER ROOM LIGHTS TO BE REMOVED. PROVIDE BLANK COVER PLATE FOR SWITCH BOX.
  - PROVIDE NEW SWITCH, BOX, CONDUIT AND WIRE AS REQUIRED FOR BOILER ROOM LIGHTS.
  - EXISTING TELEPHONE CONDUIT RISER TO BE RELOCATED TO EAST OF NEW DOORWAY. SAW-CUT CONCRETE FLOOR AS NECESSARY. CO-ORDINATE ALL TELEPHONE CABLE RELOCATION WITH NEW ENGLAND TELEPHONE (NET). PATCH FLOOR TO MATCH EXISTING. EXISTING UNDERGROUND CABLE FROM AIRPORT ROAD TO BOILER ROOM SERVES ENTIRE BUILDING. TEMPORARY SUPPORT EXISTING TELEPHONE CABLE AND SPLICES UNTIL NEW CABLE SPLICE IS INSTALLED BY NET TO TTB. TTB TO BE PROVIDED AND PAINTED BY EC. EC TO REMOVE AND DISPOSE EXISTING TELEPHONE CABINET AND ALL OBSOLETE AND UNUSED TELEPHONE CONDUIT AND WIRE. CO-ORDINATE WITH NET.
  - REMOVE EXISTING COMBUSTION AIR DUCT.
  - DISCONNECT EXISTING WALK-IN COOLER. REMOVE EXISTING CONDUIT/WIRE BACK TO PANEL. PROVIDE NEW CONDUIT/WIRE AND SAFETY SWITCH TO COOLER.
  - DISCONNECT EXISTING 3 PHASE, 20 AMP, TWIST-LOCK RECEPTACLE. PROVIDE CONDUIT AND WIRE TO NEW LOCATION. INSTALL RECEPTACLE NEW LOCATION.
  - EXISTING RECEPTACLE FOR HEATER TO BE REMOVED. EXTEND CONDUIT AND WIRE TO NEW LOCATION.
  - EXTEND BRANCH CIRCUIT FROM EXISTING ITEM 8 TO NEW LOCATION.
  - REMOVE EXISTING PANELS PP5 AND PP6. PROVIDE NEW PANEL PP5 USING EXISTING FEEDER. PROVIDE JUNCTION BOX AND SPLICE AS NECESSARY. - 4 - #2



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 DEPARTMENT OF STATE BUILDINGS  
 AGENCY OF ADMINISTRATION  
 MONTPELIER, VERMONT

E.F. KNAPP AIRPORT TERMINAL  
 SERVICE ENTRANCE ADDITION  
 BERLIN, VERMONT

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