



WELCOME CENTER - FLOOR PLAN  
SCALE: 1/4"=1'-0"

**KEYED NOTES:**

① CONTRACTOR TO PROVIDE A NEW WALL MOUNTED ELECTRONIC DOOR COUNTER OVER RECESSED OUTLET BOX. MOUNT DEVICE AT A HEIGHT SUITABLE FOR BEST PERFORMANCE. VERIFY MOUNTING LOCATION WITH ARCHITECT IN FIELD. COUNTER TO CONSIST OF THE FOLLOWING COMPONENTS MANUFACTURED BY ALLEN-BRADLEY:

1. POWER BASE #42MTB-5000 (120VAC)
2. PHOTOHEAD - REFLEX TYPE #42MRU-5000
3. PHOTOCOUNT SWITCH TOTALIZER COUNTER #6C-2072

COUNTER COMPONENTS TO BE ASSEMBLED AND Wired TO MANUFACTURER SPECIFICATIONS.

② CONTRACTOR TO INSTALL RETROFLECTIVE TARGET #96-46 INCLUDED WITH PHOTOHEAD COMPONENT.

PANEL P-1													
120/240 VOLT 18,000 AIC SURFACE MOUNTED				100 AMP MAIN MAIN LUGS ONLY				1 PHASE 3 WIRE BOLTED BREAKERS TOP FEED					
CIRC NO	AMPS	POLES	DESCRIPTION	PH	CIRC NO	AMPS	POLES	DESCRIPTION	PH	CIRC NO	AMPS	POLES	DESCRIPTION
1	20	1	COUNTER LTS	A	2	20	2	WATER PUMP					
3	20	1	EMERG LTS	B	4	20	1	REFR RECEP					
5	40	1	STREET LTS	C	6	20	1	SHOW MATE					
7	20	1	FOYER LTS	A	8	20	1	UTIL LTS					
9	20	1	TOILET LTS	B	10	20	1	LOBBY LTS					
11	20	1	TRAVEL LTS	C	12			BLANK					

NOTES:  
\* EXISTING CIRCUIT OR CIRCUIT BREAKER  
PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED.

PANEL HV													
120/240 25,000 AIC SURFACE MOUNTED				225 AMP MAIN MAIN LUGS ONLY				1 PHASE 3 WIRE BOLTED BREAKERS TOP FEED					
CIRC NO	AMPS	POLES	DESCRIPTION	PH	CIRC NO	AMPS	POLES	DESCRIPTION	PH	CIRC NO	AMPS	POLES	DESCRIPTION
1	100	2	SPARE	A	2	20	1	UTIL RECEP					
3	20	2	UTIL HEAT	B	4	20	1	REFR RECEP					
5	20	2	UTIL HEAT	C	6	15	2	AC UNIT					
7	20	2	UTIL HEAT	A	8								
9	30	2	WATER HEATER	B	10	20	1	LOBBY RECEP					
11	20	2	WOMENS HEATER	C	12	20	1	SP TOILET HEATER					
13	20	2	WOMENS HEATER	A	14	20	1	TRAVEL HEATER					
15	20	2	WOMENS HEATER	B	16	20	1	MAINT HEATER					
17	20	2	LOBBY RT HEAT	C	18	15	1	AHU-1					
19	20	2	LOBBY LT HEAT	A	20	20	1	RECEPTACLE					
21	20	2	LOBBY LT HEAT	B	22	20	1	do					
23	20	2	LOBBY LT HEAT	C	24	20	1	do					
25	20	2	MENS HEATER	A	26	20	1	do					
27			BLANK	B	28			BL-MNK					
29			BLANK	C	30			do					

NOTES:  
PROVIDE BLANK PLATE FOR REMOVED KNOCK OUTS  
\* EXISTING CIRCUIT OR CIRCUIT BREAKER  
PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED.

UNIT HEATER SCHEDULE					
DESIG	MANUFACTURER & MODEL	INPUT (BTUH)	VOLT/FLA/PH	WATTS	REMARKS
EH-1	MARKEL E3123TE	3412	120/15/1	1000	MOUNT ABOVE 4" BASEBOARD

STATE OF VERMONT  
DEPARTMENT OF STATE BUILDINGS  
AGENCY OF ADMINISTRATION  
MONTPELIER, VERMONT

ELECTRICAL - POWER & SIGNAL PLAN  
HIGHGATE WELCOME CENTER  
ADDITION & RENOVATION

HIGHGATE SPRINGS

DATE: DECEMBER 16, 1988	SCALE: AS NOTED	REVISIONS: 3/8/89 DOOR COUNTER	DWG. NO. 12
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**TWM** NORTHEAST  
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