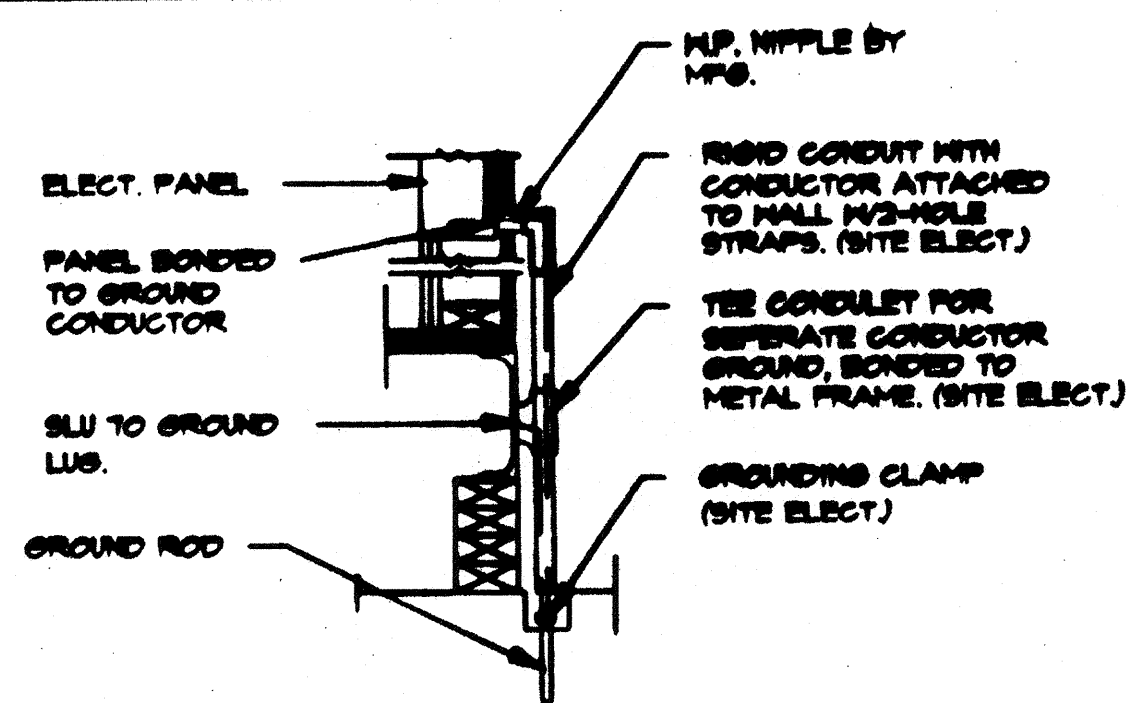
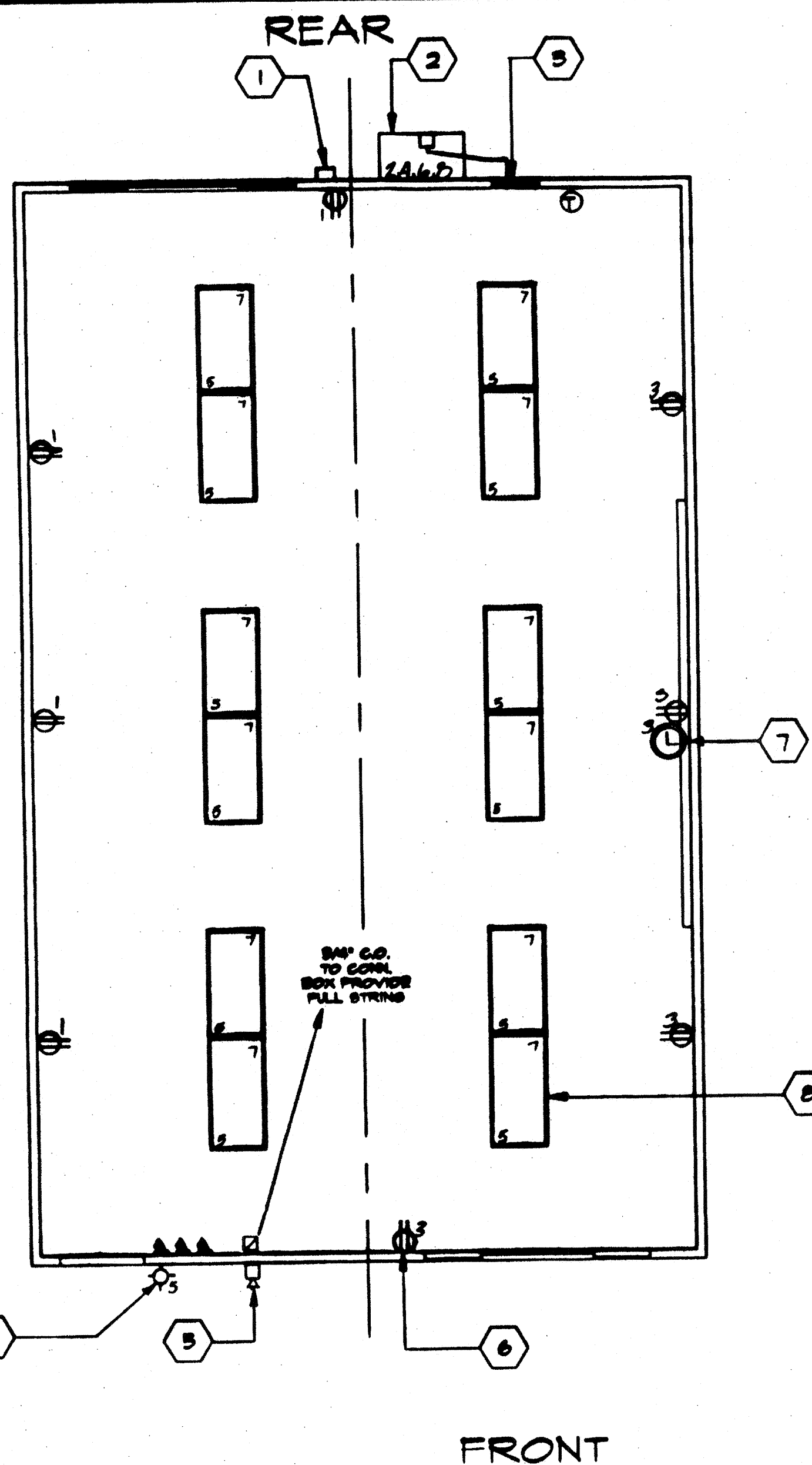


JUMPER @ MOD. LINE



TYPICAL GROUNDING DETAIL

1. EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 5/4" ROD X 3/8" COPPERCLAD STEEL GROUND ROD, WHERE ROCK BOTTOM IS INDICATED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREES FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 50" DEEP. (BY SITE ELECTRICAL)
2. TESTING TEST FOR RESISTANCE TO GROUND, IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
3. PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 16-J, PART B.
4. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES, THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAY BE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
5. GROUND NO TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR, ALL GROUNDING SHALL BE IN ACCORDANCE W/C.E.C. ARTICLE 250.



LOAD	PANEL LOCATION				FEED BOTTOM MOUNTING			
	WATTS	BREAKER	AMP	PHASE	WATTS	BREAKER	AMP	PHASE
RECEPTS.	720	20	11		2	60	2	4560
RECEPTS. & CLOCK	900	20	13		4	-	-	4560
INT. / EXT. LIGHTS	1080	20	15		6	30	2	3120
INT. LIGHTS	960	20	17		8	-	-	3120
					10			
					11			
					12			
					13			
					14			
					15			
					16			
					17			
					18			
WATTS/PHASE A = 9,480	1780	1860			7680	7680	B = 9,540	WATTS/PHASE
TOTAL 19,505	WATTS (61.27) 82 AMPS 120/240 VOLTS				3 WIRE			

NCL = 16,980

ELECTRICAL PLAN

SCALE 1/4"=1'-0"

KEY NOTES

- 1 4/SDP WEATHER PROOF GUTTER BOX +18" (6X6X4)
- 2 HVAC UNIT (SEE SMT. M-1)
- 3 ELECTRICAL PANEL "A" TYPE-B10 12/20
- 4 EXTERIOR LIGHT FIXTURE
- 5 4s JUNCTION BOX FOR FIRE ALARM
- 6 DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE
- 7 CLOCK OUTLET (SEE SPEC'S)
- 8 2'X4' FLUORESCENT LIGHT AND FIXTURE 4-TUBE (SEE SPEC'S)

FILE # 15-6  
 IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 OFFICE OF REGULATION SERVICES  
 03-118271  
 AC: FLS / SS: CL  
 DATE: Nov 14 2008  
 TRACKING #: 63321-294

LEGEND

- 2' X 4' FLUORESCENT LIGHT FIXTURE WITH 4-TUBE (SEE SPEC'S)
- ⊙ EXTERIOR LIGHT FIXTURE +7'-6"
- ⊙ SWITCH +48"
- ELECTRICAL PANEL TYPE-B10 12/20 +5'-0"
- ⊕ DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE +18"
- ⊙ THERMOSTAT +48" @ MAX.
- ⊙ "J" BOX FOR FIRE ALARM EXT. HORN/BELL +8'-6"
- ⊙ F/A. PULL STATION +48"
- 4/SDP EXTERIOR WEATHERPROOF GUTTER BOX (6X6X4) +18"
- ⊙ CLOCK OUTLET +7'-6"
- EXIT ILLUMINATED EXIT SIGN

CLASS.033 4012-074

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT		MODTECH INC. 2830 BARRETT AVE. PERRIS, CA. 92572 PH. (909) 943-4014 FX. (909) 940-0427	JOB NO # 2510 #2514 #2515 				DRAWN BY RN DATE CHECKED BY DATE 2/7/96	ELECTRICAL PLAN E1.0
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