

ELECTRICAL PANEL SCHEDULE

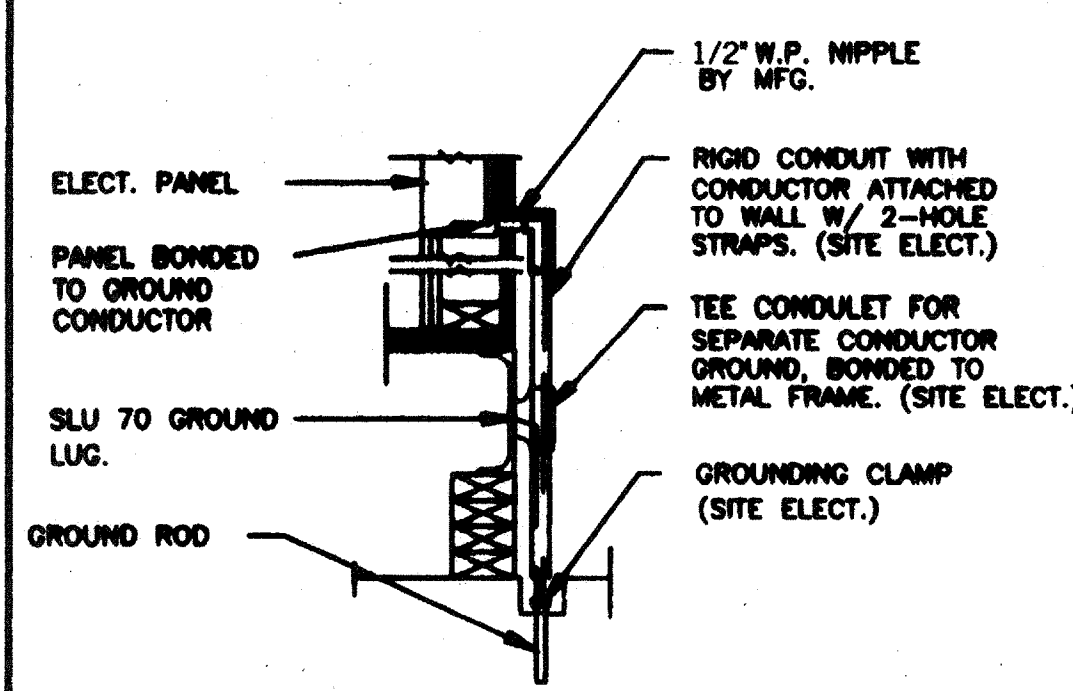
LOAD	WATTS		BREAKER		A		B		WATTS		LOAD			
	AP	BP	Amps	P	Q	R	S	T	AP	BP				
RECEPTACLE (4)	720		20	1	1				2	60	360	HVAC (3.5 (T))		
RECEPTACLE / CLOCK (5)	900		20	1	3				4		360	HVAC (3.5 (T))		
INT. / EXT. LIGHTS (25)	900		20	1	5				6	30	2500	HVAC (HS)		
INTERIOR LIGHTS (24)	840		20	1	7				8		2500	HVAC (HS)		
FA (DEDICATED)	40		-	-	9				10					
					11				11					
					12				12					
WATTS/PHASE			A = 7,520			1680			B = 7,600			WATTS/PHASE		
TOTAL			18,500			WATTS			68			AMPS		
NCL			13300			W			120/240			VOLTS		
									SINGLE			WIRE		

GENERAL GROUNDING NOTES

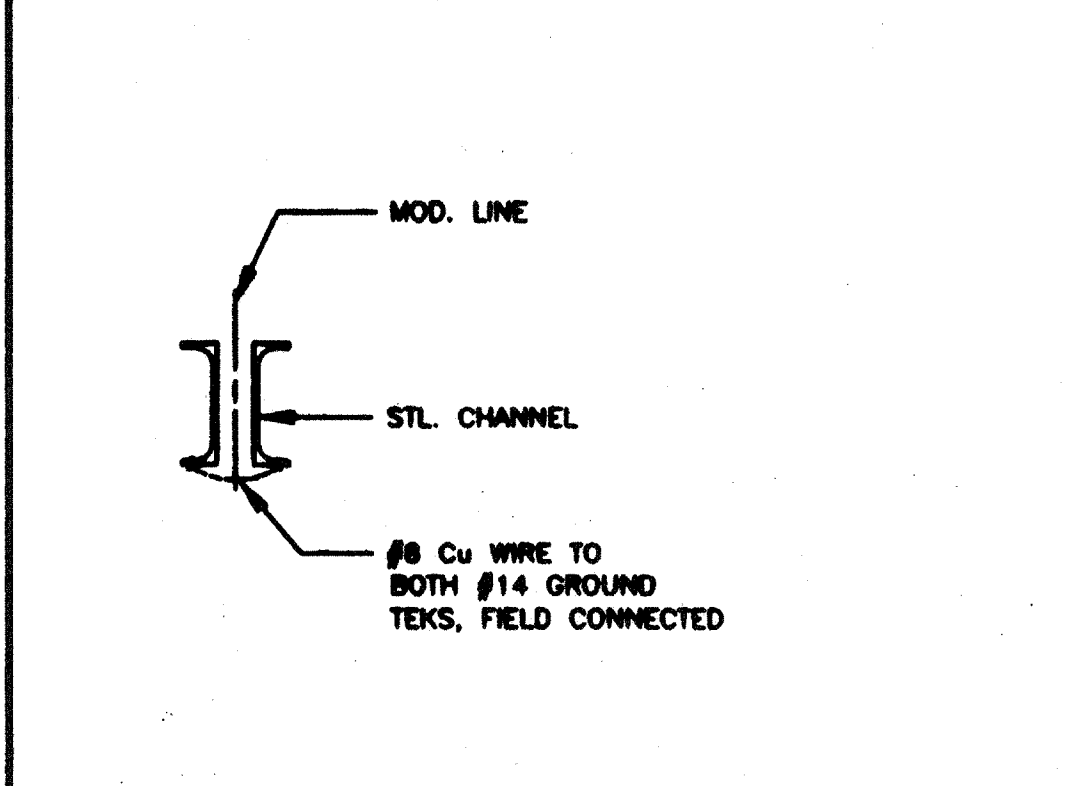
- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8" COPPER/CLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP. (BY SITE ELECTRICAL)
- TESTING: TEST 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)
- PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 18 J, PART B.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
- GROUNDING TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH C.E.C. ARTICLE 250.

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +96" AFF
- DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE AT +18" AFF L.N.O.
- HVAC UNIT (HV)
- 4s 'J' BOX FOR INT. FA PULL BOX. +48" AFF 3/4" CO TO PULLSTRING.
- 4s 'J' BOX FOR EXT. HORN/BELL. +96" AFF 3/4" CO TO PULLSTRING.
- WEATHER PROOF GUTTER BOX + 18" AFF 3/4" CO TO PULLSTRING.
- ELECTRICAL PANEL. + 60" AFF (C). 1/2" POWER NIPPLE F22. GROUND JUMPER BY SITE ELEC. SWITCH +48" A.F.F.
- CLOCK. + 96" AFF
- 4s J BOX FOR INT. FA STROBE AT +80" AFF. 3/4" CO TO PULLSTRING.



TYP GROUNDING DETAIL 1



GROUND JUMPER • MOD LINE 2

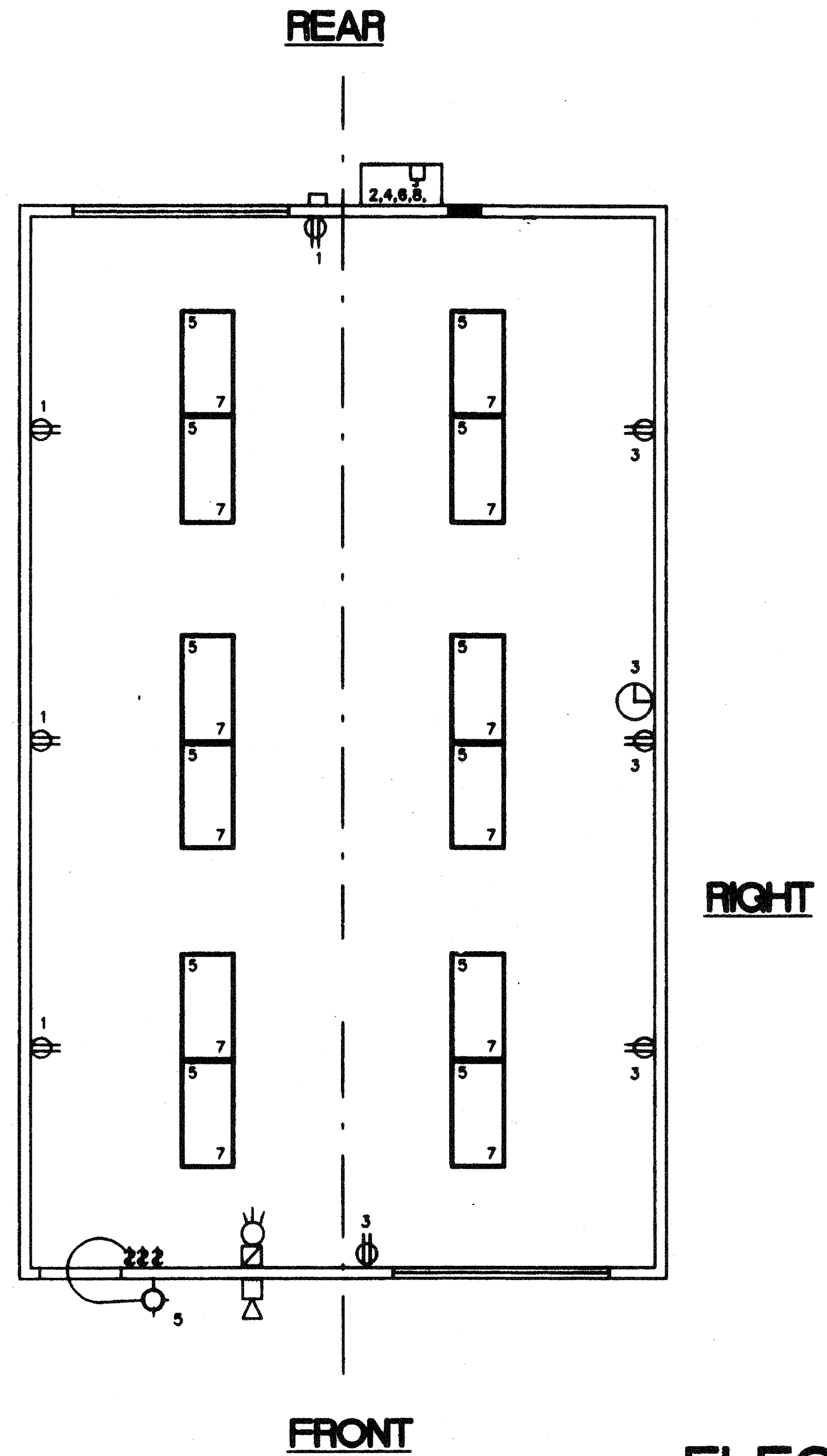
NOTES

- SCHOOL EQUIPMENT ANCHORAGE
THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:
THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 18004.2 AND TABLE 18040. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIP. WEIGHING LESS THAN 400 LBS. & HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

FOR ELECTRICAL DRAWINGS:
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE 30% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE 30% OF OPERATING WEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.



ELECTRICAL PLAN (24' X 40')

1/4" = 1'-0"

REVISIONS	DESCRIPTION	DATE

REVISIONS

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

Division of the State Architect

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-266
DATE: JAN 25 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 2986

© MODTECH, INC. 1997

drawn by: FWH
date: 11/98
checked by: 05 JAN 99
Date: AUG 04 2018

STKP-42-1/24/98

E1.0

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
100020
AC 100 FLS REC 83 30
DATE: JAN 07 1999

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP#3 117168
AC FLS CSS TN
Date: AUG 04 2018

STKP-42-1/24/98

PROJECT NO. 2377, 3022, 3183

PROJECT NO. 2377, 3022, 3183

PC-266 2506