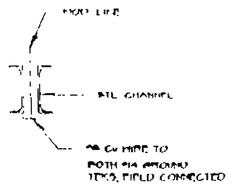
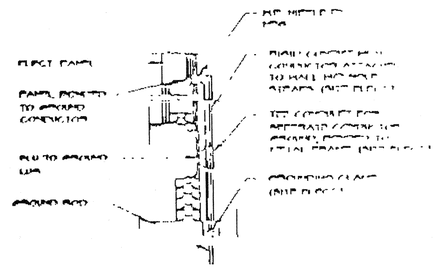


JUMPER @ MOD. LINE

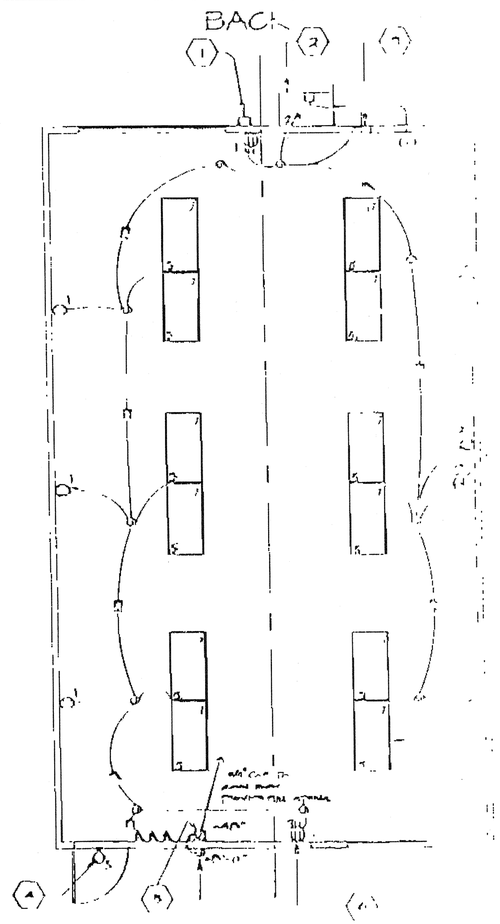


TYPICAL GROUNDING D[illegible]

	DESCRIPTION	QTY
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	

NOTES

1. [illegible] WEATHER PROOF OUTLET BOX [illegible] (6x6x4)
2. HVAC UNIT SEE SHT. M 1.0
3. ELECTRICAL PANEL "A"
4. EXTERIOR LIGHT FIXTURE
5. 4" JUNCTION BOX FOR FIRE ALARM OR BELL
6. DUPLEX WALL RECEPTACLE 15-A 125-V 3-WIRE
7. CLOCK OUTLET (SEE SPEC 3)
8. 2X4 FLUORESCENT LIGHT AND FIXTURE 4-REV. (SEE SPEC 3)



SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS NOT THE ELECTRICAL ENGINEER'S INFORMATION ONLY

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO 2 C.C.R. TITLE 24, SECTION 2312 (a) AND TABLE 23-F. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HAVING CENTER OF GRAVITY LESS THAN 30 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	20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE	50% 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

MORE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS. THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGR. AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

VOLTS 120/240 V	PANEL	FEED
MAIN 100 A	LOCATION:	PHASE

LOAD	PHASE A	PHASE B	CKT																						LOAD
RECEPTACLES	720		1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	2	1000			HVAC SYSTEM
RECEPT. T.V./CLOCK		1400	3	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0			1000		HVAC SYSTEM
INT./EXT. LIGHTS	1000		5	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	2	3120			HEAT STRIP
INT. LIGHTS		960	7	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0			2120		HEAT STRIP
FIRE ALARM	180		9	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0					
			11	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0					
			13	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0					
			15	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0					
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