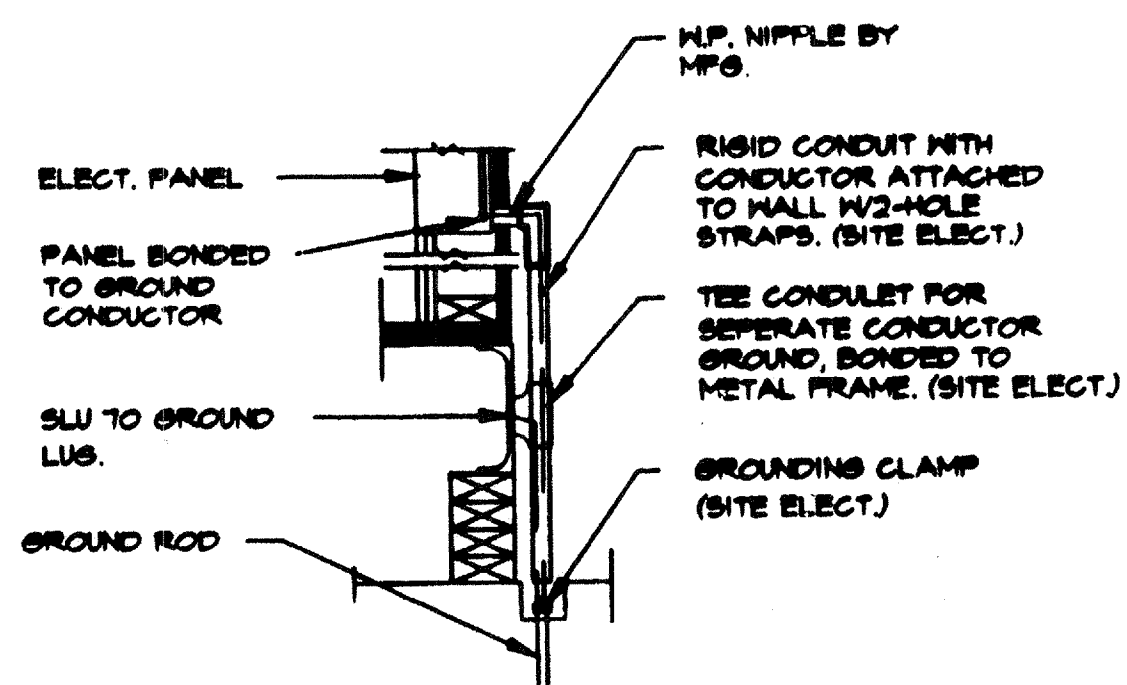


### MOUNTING HEIGHTS

RECEPES 10"  
 PORCH LIGHTS 7'-6"  
 F/A BELL EXT. 5'-6"  
 F/A FULL STA. 40"  
 MAIN PANEL BOX 5'-0"  
 FIRE ALARM STROBE 80"



1 GROUND DETAIL

### SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ARCHITECT'S INFORMATION ONLY.

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 2912 (I) AND TABLE 29-F. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND 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	20% OF OPERATING HEIGHT
EQUIPMENT ON STRUCTURE	50% OF OPERATING HEIGHT

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.

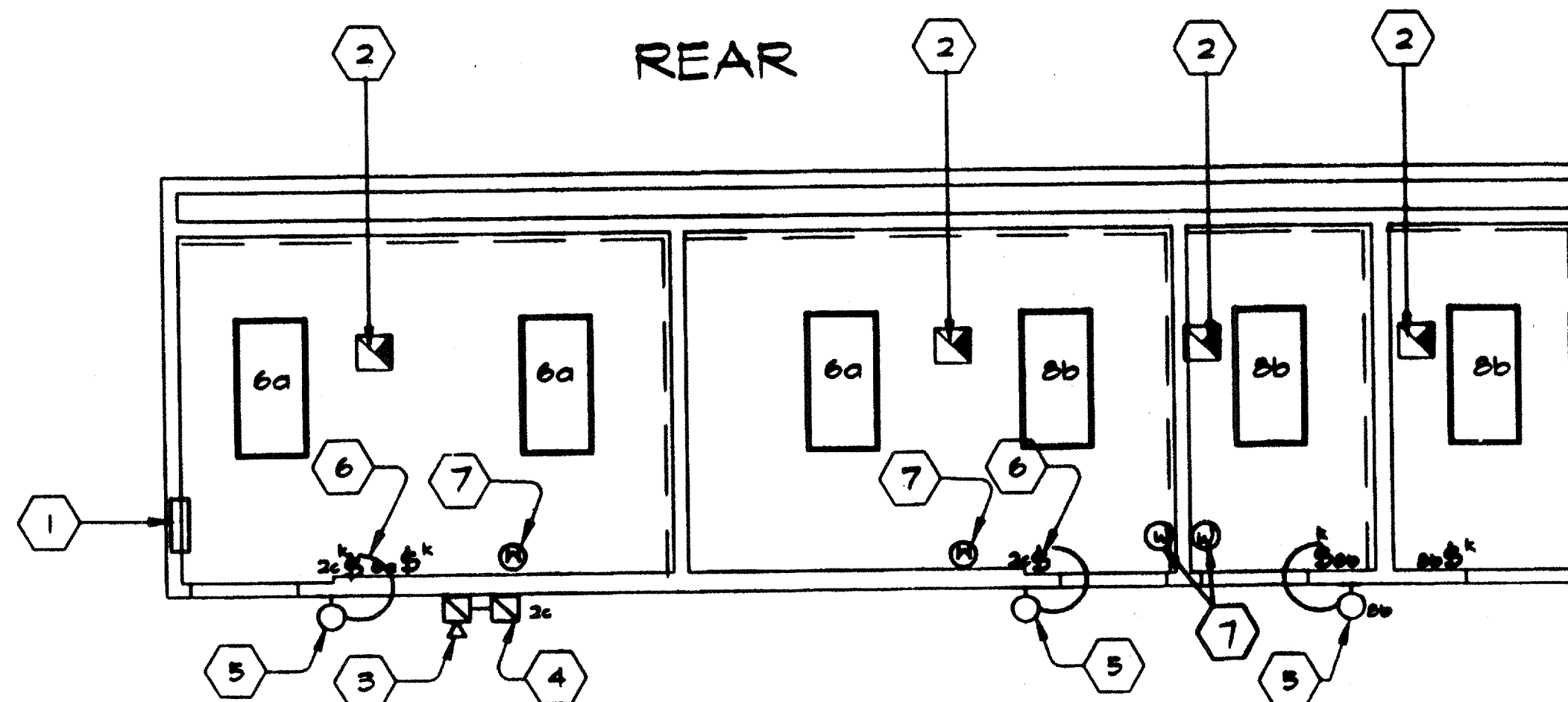
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

### KEY NOTES

- 1 ELECTRICAL PANEL
- 2 EXHAUST FAN
- 3 FIRE ALARM HORN
- 4 FIRE ALARM FULL STATION
- 5 INCANDESCENT BRACKET LIGHT FIXTURE
- 6 "K" SWITCH (KEYED) @ +48"
- 7 STROBE LIGHTS MNT'D +80"

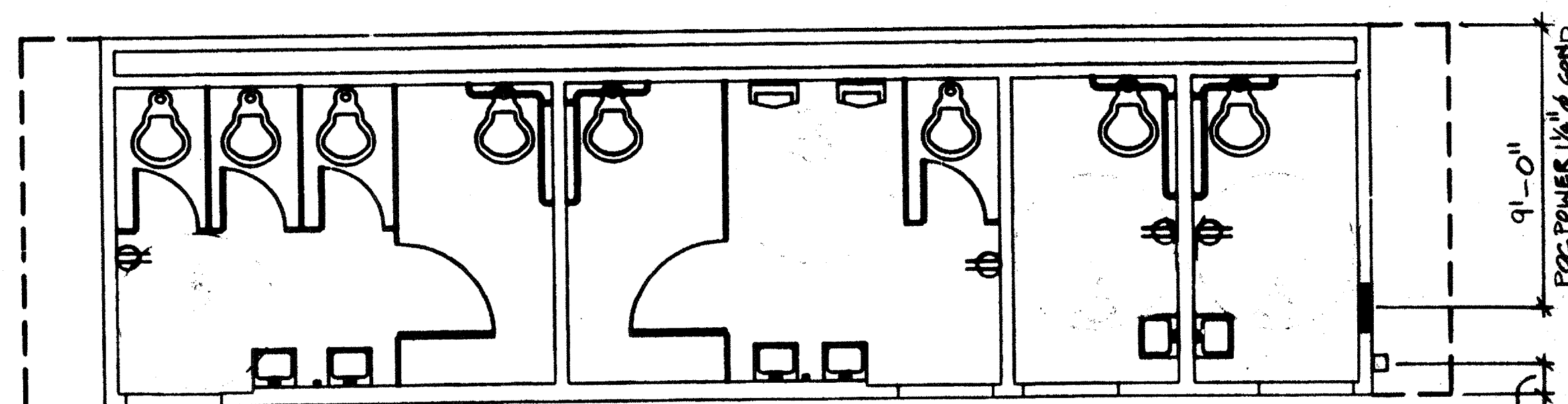
VOLTS: 120/240 V		PANEL LOCATION:				FEED: BOTTOM MOUNTING:			
MAIN: 100 A		LOAD				LOAD			
WATTS	BREAKER	A	B	WATTS	BREAKER	A	B	WATTS	BREAKER
AP	BP	Amps	P	AP	BP	Amps	P	AP	BP
RECEPT	180	20	1	1	2	20	1	600	LIGHTS INT/EXT & EX. FAN
RECEPT	180	20	1	3	4	20	1	600	LIGHTS INT/EXT & EX. FAN
				5					
				6					
				7					
				8					
				9					
				10					
				11					
				12					
				13					
				14					
				15					
				16					
				17					
				18					
WATTS/PHASE A = 860	180	180			600	600		B = 860	WATTS/PHASE
TOTAL 2060 WATTS	(2.5) 9 AMPS	120/240	VOLTS	1 Ø	3 WIRE				

NCL = 560



FRONT

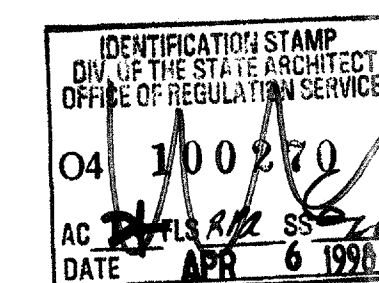
REAR



FRONT

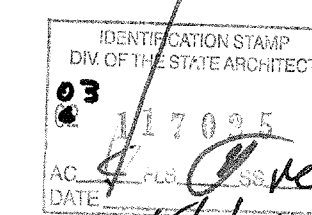
### LIGHTING/POWER/SIGNAL PLAN

SCALE 1/4" = 1'-0"



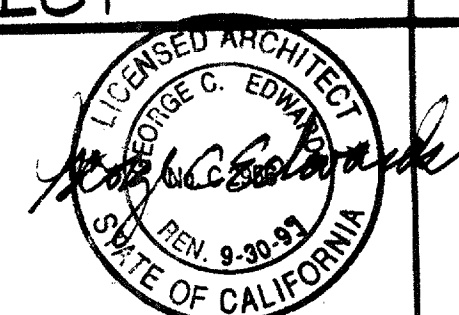
### GENERAL NOTES

- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, 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 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 16, PART B.
- 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.
- GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. GROUNDING SHALL BE IN ACCORDANCE W/C.E.C. MULTIPLE 880
- ELECTRICIAN SHALL PROVIDE 2-12 GA. SLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES @ DIAGONAL CORNERS WIRES SHALL BE ATTACHED TO STRUCTURE. SEE SMT.
- ALL WIRING SHALL BE 15' CENTERGRADE OR CALCULATE DERATION FOR AMBIENT TEMPERATURE



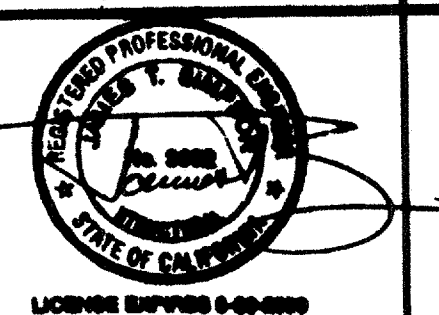
5/11/95

ARCHITECT



ELECTRICAL

STRUCTURAL

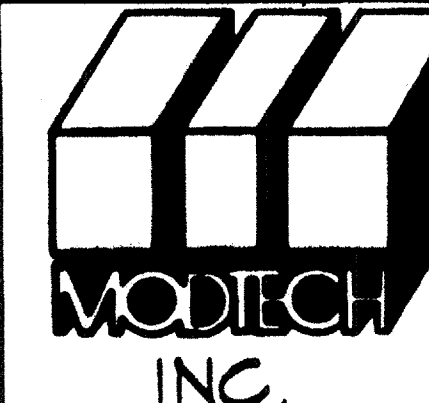
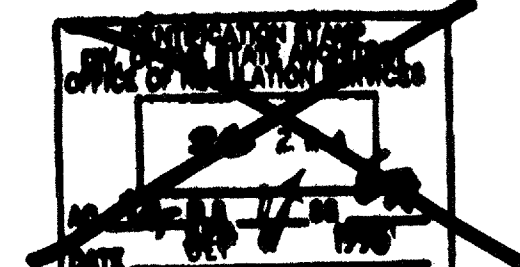


MECHANICAL

FIRE MARSHAL

ACCESS COMPLIANCE

STRUCTURAL SAFETY



JOB #  
JOB# 2724 # 2818-C  
ANAHEIM UH.S.D.  
(CLASS LEASING)

MODEL "C"

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4012-081  
CLLS.036

DRAWN BY: dt.  
DATE  
CHECKED BY:  
DATE

ELECTRICAL PLAN

EI.2