PANEL SCHEDULE L-1

NEMA-1
125 AMPS
1 Ø PHASE

120/240 V
3 WIRE
INTERIOR

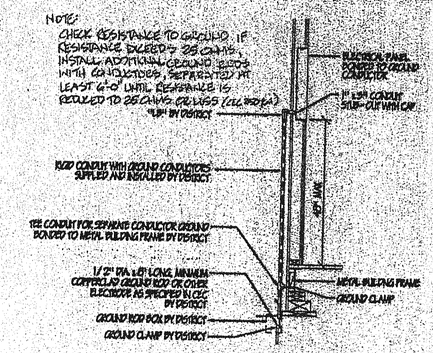
DESCRIPTION	LOAD	BKR		BKR	LOAD	DESCRIPTION
RECEPTS, CLOCK	1800	20/1	1 — 2	50	10580	HVAC UNIT
RECEPTACLES	1825	20/1	3 — 4	/ 2		
INTERIOR LIGHTS	900	20/1	5 — 6	50	10580	HVAC UNIT
INT & EXT LIGHTS	935	20/1	7 — 8	/ 2		
RECEPTS, CLOCK	1800	20/1	9 — 10			
RECEPTACLES	1825	20/1	11 — 12			
INTERIOR LIGHTS	900	20/1	13 — 14			
INT & EXT LIGHTS	935	20/1	15 — 16			
			17 — 18			
			19 — 20			
			21 — 22			
			23 — 24			
	10920				21160	

■ FLUSH
□ SURFACE

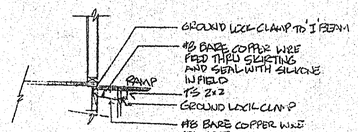
LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	LAMPS	INPUT VA	MOUNTING	REMARKS
A	2' x 4' RECESSED ENERGY SAVE BALLAST MOBERN OR EQUAL R2241-440E	4-40RS 34 WATT	180 VA	SUSPENDED CEILING	T-8 LAMPS OPTIONAL WEIGHT 27# MAX
B	KENDALL 3714 OR EQUAL	1-FLS 7 WATT	37 VA	WALL - SURFACE MIN. 1 8d NAIL OR #8 WS PER STRAP TO STUD	FLUORESCENT TAMPER-PROOF

NOTE:
CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS INSTALL ADDITIONAL GROUND RODS WITH CO-LOCATION, SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (CEC 250-84)

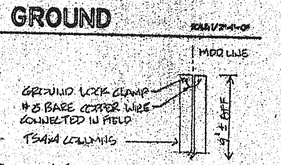


1 BUILDING GROUND



3 BOND AT RAMP

SCALE: 1½"=1'0"



2 BOND AT MOD LINE

SCALE: 1½"=1'0"

ELECTRICAL NOTES

PROVIDE 2-#12A BLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES AT DIAGONAL CORNERS. WIRES SHALL BE HOOKED TO SUBSTITUTE. ATTACH WIRES TO LIGHT FIXTURES WITH #10 SHEET METAL SCREW AT EACH CORNER.

ALL WIRING TO BE IN MINIMUM 1/2" CONDUIT.

ALL RACEWAYS SHALL CONTAIN EQUIPMENT GROUNDING CONDUCTOR PER CEC 250-95.

MAIN CIRCUIT BREAKER IN ACCORDANCE WITH CEC (CALIFORNIA ELECTRICAL CODE).

INSTALL FLEXIBLE CONDUIT CONNECTORS TO ELECTRICAL PANEL TO ALLOW FOR MINIMUM MOVEMENT OF 1/2" IN ANY HORIZONTAL DIRECTION WHEN SLIDING FOUNDATION IS UTILIZED.

A LOCK OFF CLIP IS TO BE PROVIDED FOR THE HEAT PUMP PIPING CIRCUIT BREAKER.

GROUNDING OF ELECTRICAL SYSTEM IN ACCORDANCE WITH CEC.

CERTIFIED LUMINAIRES/BALLASTS IN ACCORDANCE WITH CEC.

INDEPENDENT CONTROL WITHIN IN ALCOVED AREAS IN ACCORDANCE WITH CEC.

MANUAL SWITCHING READILY ACCESSIBLE IN ACCORDANCE WITH CEC.

REDUCTION OF LIGHTING LOAD AT LEAST 50% IN ACCORDANCE WITH CEC.

SEPARATE SWITCHING OF DAYLIGHT AREAS IN ACCORDANCE WITH CEC.

RANDOM WIRING OF 4 LAMP LUMINAIRES IN ACCORDANCE WITH CEC.

ALL ELECTRICAL WIRING FROM AND GREATER SHALL BE IN CONDUIT SYSTEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE CEC.

ALL CONDUITS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET AND SHALL BE SECURED IN CONFORMANCE WITH PART 3, TITLE 24, CCR.

ALL CONDUIT SHALL BE REAMED AND DEBURRED PRIOR TO INSTALLATION AND SHALL TERMINATE IN APPROPRIATE BUSHINGS OR CONDUCTORS.

CONDUIT FILL SHALL NOT EXCEED REQUIREMENTS OF PART 3, TITLE 24, CCR.

A SEPARATE GROUNDING CONDUCTOR SHALL BE PULLED THROUGHOUT THE ENTIRE SYSTEM.

PORTABLE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NECESSARY CONNECTIONS AND CONDUCTORS TO GROUND THE METAL PORTIONS OF THE BUILDING (I.E. FRAME, RAMP, ETC.).

GROUNDING ROD, WIRES, AND TESTING SHALL BE PROVIDED AND MEET THE REQUIREMENTS OF I.E. #3-1, ISSUED BY DSA.

BUILDING MANUFACTURER TO PROVIDE "LB" FITTING SLIP-OUT FROM REAR OF ELECTRICAL ASSEMBLY THROUGH REAR WALL FOR CONNECTION TO DISTRICT'S OVERHEAD OR UNDERGROUND SERVICE, AND LB FITTING FOR GROUNDING CABLE.

DISTRICT TO PROVIDE ELECTRICAL SERVICES TO EACH BUILDING.

GROUNDING ELECTRODE CONDUCTOR TO BE SIZED IN ACCORDANCE WITH CEC.

HVAC UNIT FEEDER CIRCUIT, BREAKER, FEEDER WIRE AND UNIT DISCONNECT AND FUSES (AS APPLICABLE) ARE TO BE COORDINATED WITH THE UNIT NAME PLATE DATA AT THE TIME OF MANUFACTURE. UNITS HAVING A LARGER KVA RATING THAN INDICATED SHALL NOT BE UTILIZED.

FIRE ALARM SYSTEM:
THE FIRE ALARM SYSTEM SHALL CONFORM TO THE CALIFORNIA ELECTRICAL CODE.

PART OF THE FIRE ALARM SYSTEM SHALL BE INSTALLED BY THE PORTABLE MANUFACTURER, AS INDICATED, AND SHALL INCLUDE RECESSED BOXES & CONDUIT, DEVICES, CONDUCTORS, INSTALLATION AND CONNECTION, TO BE BY DISTRICT.

INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED SPECIFICATIONS AND DRAWINGS HAVE BEEN REVIEWED BY DSA.

ADDITIONAL CONDUIT, JUNCTION BOXES, AND RELATED ITEMS SHALL BE INSTALLED BY DISTRICT AS REQUIRED.

DO NOT CONNECT FIRE ALARM CONDUIT WITH ANY OTHER ELECTRICAL CONDUIT.

GENERAL NOTES

VERIFY WITH MORE SHALL IN & OUT OF PLUMB SHALL HAVE CORNER PROTECTORS.

ALL TRADES SHALL COMPLY WITH CBC CHAPTERS 3, 4, 7, 8, AND 10.

ABBREVIATIONS:

BRK	BREAKER
AL OR ALUM	ALUMINUM
NE	NOT EXCEED
NO.	NUMBER
MIN.	MINIMUM
MAX.	MAXIMUM
AFF	ABOVE FINISH FLOOR
OVRHD	OVERHEAD
DIA	DIAMETER

LEGEND

CONDUIT
FLEX CONDUIT

WIRING SHALL BE MINIMUM #12 COPPER WIRE THIN OR THAN AS APPLICABLE.
CONDUIT SHALL BE EMT OR GALV. STEEL, FLEX, MINIMUM 1/2".

J-BOX
4 SQUARE FLUSH J-BOX WITH SINGLE GANG PLASTER RING AND BLANK COVER.

CLOCK AND RECEPTACLE AT +94" AFF
12" ø WALL MOUNTED CLOCK, BRYANT, SLAGER, LEVITON OR EQUAL WITH 15V RECEPTACLE.

THERMOSTAT
AT + 60" AFF (SEALED)
AT + 48" AFF (ACC. SHOWN ON)
ELECTRONIC PROGRAMMABLE THERMOSTAT WITH THE FOLLOWING FUNCTIONS: 5 AND 2 WEEKDAY/WEEKEND PROGRAMMING WITH MINIMUM OF 4 SEPARATE TIME/TEMPERATURE SETTINGS FOR 24 HOUR PERIOD, PROGRAMMABLE DISPLAY, STATUS INDICATED LED, BATTERY BACKUP. PROVIDE A LOCKING CLEAR COVER WITH ACCESS HOLE FOR PROGRAM OVERRIDE. WHITE ROGERS 1972

RECESSED PANEL
AT + 48" AFF
PANEL NUMBER

DUPLEX WALL RECEPTACLE
20A 120V AT + 18" AFF
CIRCUIT NUMBER
LEVITON, HUBBEL OR EQUAL.

J-BOX FOR FIRE ALARM HORN
AT + 90" AFF

J-BOX FOR FIRE ALARM PULL STATION AT + 48" AFF

SWITCH (LEVITON, HUBBEL OR EQUAL) AT + 48" AFF

WALL MOUNTED LIGHT FIXTURE
AT + 90" AFF TYPE D

2'x4' RECESSED LIGHT FIXTURE WITH ENERGY SAVING BALLASTS TYPE A
CIRCUIT NUMBER

APPROVALS

DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 68794
AC
DATE 7/18/97

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-336
AC
DATE 10/23/97

NORMAN A. GEIGER
AIA, CSI, CDT, ICBO
P.O. BOX 41054
Sacramento, CA 95841
(916) 332-2453 FAX
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GRAPHICS ARCHITECTURAL SERVICES
GEIGER

LICENSED ARCHITECT
NORMAN A. GEIGER
C-21516
10-31-97
STATE OF CALIFORNIA

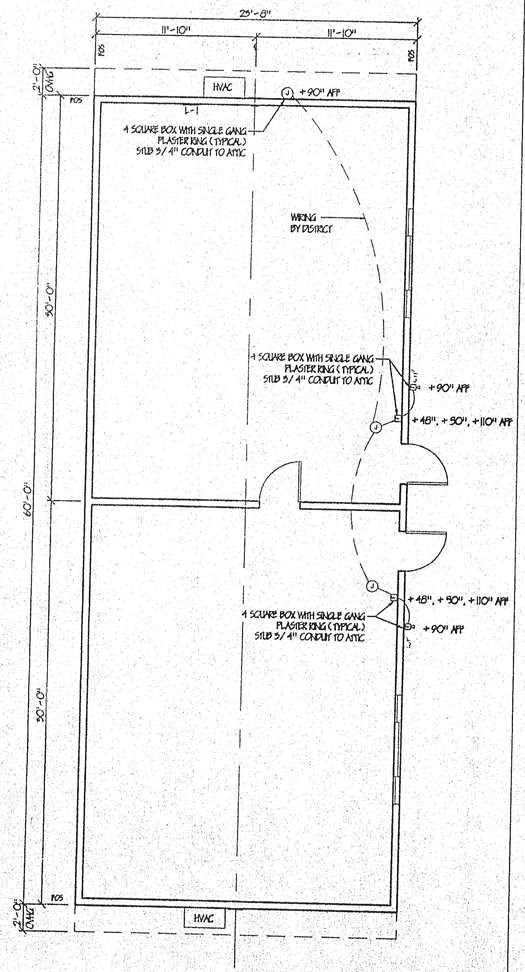
PACESETTER INDUSTRIES, INC.
P.O. BOX 1131, MODESTO, CA 95353 (209) 521-1600

24x60 RELOCATABLE BUILDING

SHEET CONTENTS:
POWER PLAN
LIGHTING PLAN
SIGNAL PLAN
LEGEND
PANEL SCHEDULE
LIGHT FIXTURE SCHEDULE
GENERAL NOTES
ELECTRICAL NOTES

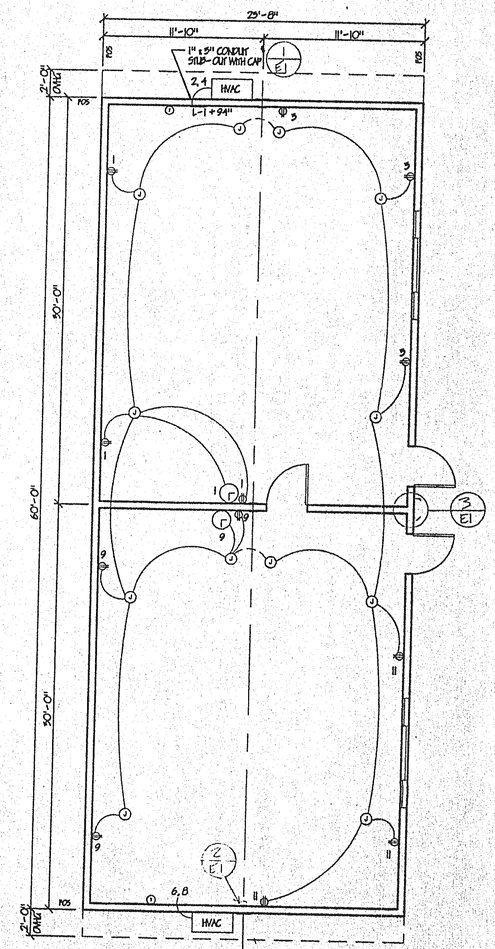
DATE:	JUN 9, 1997
REV.:	
DRAWING SCALE:	AS SHOWN
PROJECT NUMBER:	97-09
SHEET	E1

27 OF 70



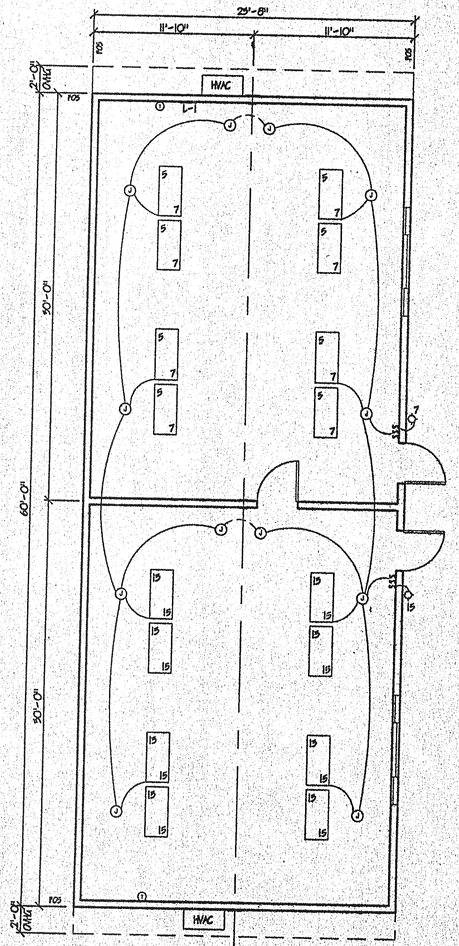
24'x60' SIGNAL PLAN

SCALE: 1/8"=1'-0"



24'x60' POWER PLAN

SCALE: 1/8"=1'-0"



24'x60' LIGHTING PLAN

SCALE: 1/8"=1'-0"