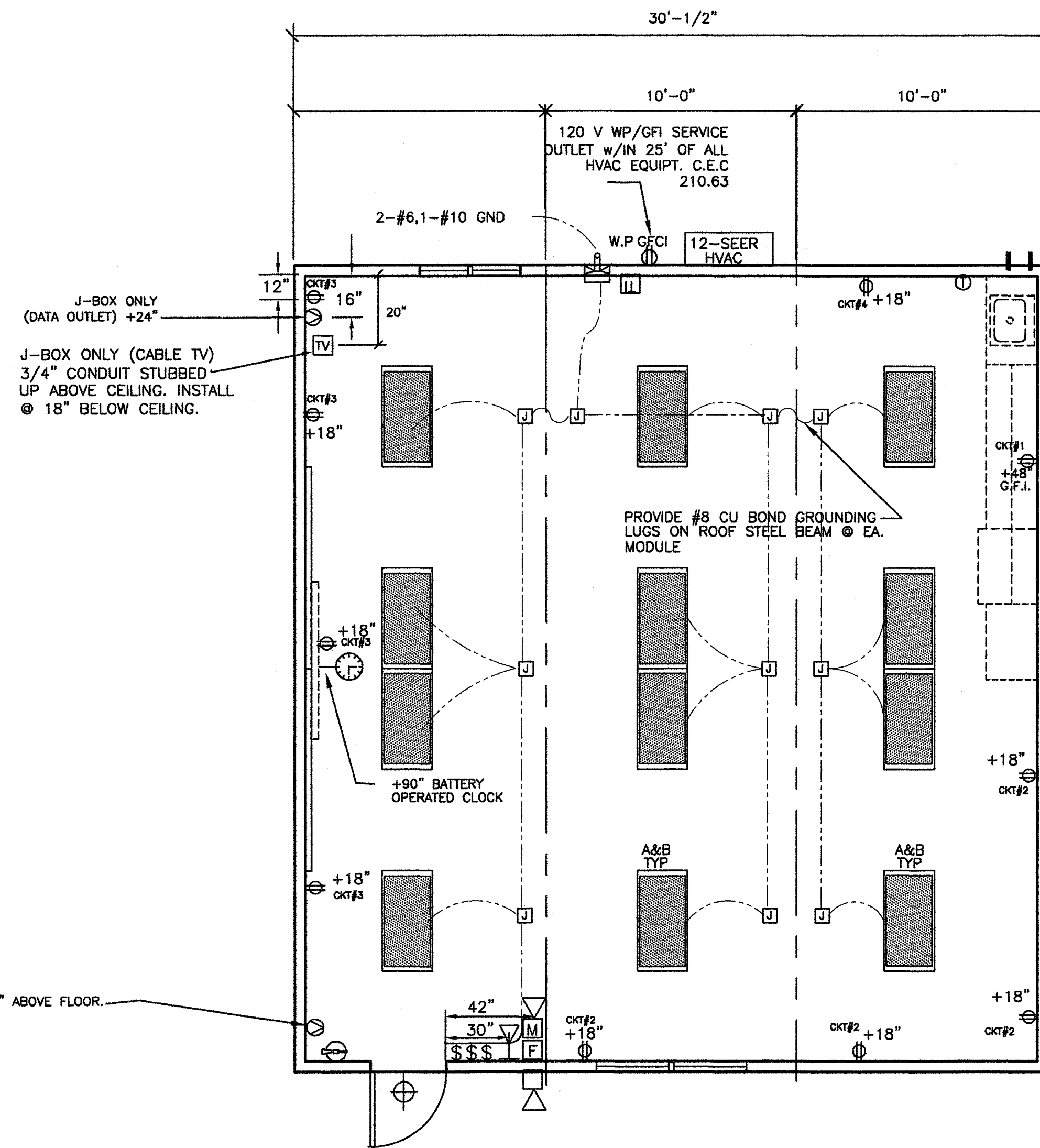


1 TYPICAL ELECTRICAL PLAN
E1 1/4"=1'-0"



2 TYPICAL ELECTRICAL PLAN
E1 1/4"=1'-0"

STANDARD ELECTRICAL SYMBOLS

- EXIT LIGHT WHEN THE OCCUPANT LOAD IS 50 OR MORE
- INCANDESCENT WALL MOUNTED INTERIOR LIGHT FIXTURE
- DUPLEX WALL CONVENIENCE OUTLETS
⊙ +18" TO CENTER LINE ABOVE F.F.
- FOURPLEX WALL OUTLET
⊙ +18" TO CENTER LINE U.O.N.
- W.P. GFCI WEATHER PROOF GROUND FAULT CIRCUIT INTERRUPT OUTLET
- GFCI GROUND FAULT CIRCUIT INTERRUPT OUTLET
- SINGLE POLE LIGHT SWITCHES ⊙ +48", HUBBELL PREMIUM, BRYANT HEAVY DUTY, OR LEVITON SPECIFICATIONS GRADE.
- ELECTRICAL CROSSOVER J-BOXES ABOVE T-BAR CEILING #1-4"x1", #22 4"x2"
- CLOCK/SPEAKER COMBO ⊙ +90"
- SWITCH SUBSCRIPTS - a=DEVICE CONTROLLED.
- JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
- SPEAKER- OUTLET ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +84"
- DATA/COMMUNICATION OUTLET ONLY- 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +18" U.O.N. AND A 3/4" CONDUIT STUB CEILING SPACE.
- INTERCOM TELEPHONE- OUTLET ONLY- 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +48" U.O.N.
- MOTION SENSOR OUTLET STUB-UP -PROVIDE (1)4" SQ. BOX W/ SINGLE DEVICE RING AND COVER AND ONE 3/4" CONDUIT STUB TO ABOVE CEILING (DEVICES BY OTHERS)
- SECURITY/INTRUSION KEY PAD - OUTLET ONLY- 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER ⊙ +48" AND ONE 3/4" CONDUIT STUB ABOVE CEILING
- DOOR CONTACT - PROVIDE (1) 1/2" EMT THROUGH DOOR HEADER STUB ABOVE CEILING
- CATV OUTLET STUB-UP -PROVIDE (1)4" SQ. BOX W/ SINGLE DEVICE RING AND COVER AND(1) 3/4" CONDUIT TO ABOVE CEILING (DEVICES BY OTHERS)
- FIRE ALARM PULL STATION - OUTLET ONLY, 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +48". (DEVICE N.I.C.)
- FIRE ALARM HORN - OUTLET ONLY - 4" SQ. SINGLE GANG J-BOX WITH BLANK WEATHERPROOF COVER ⊙ +90" MIN (DEVICE N.I.C.)
- FIRE ALARM VISUAL ALARM- OUTLET ONLY - 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +80". A.F.F. BUT NO GREATER THAN +96". IF CEILING MOUNTED PER NFPA72 TABLE 6-4.4.1(b).
- MINI HORN BOX W/ SINGLE DEVICE RING AND COVER ⊙ +80"A.F.F. BUT NO GREATER THAN +96". STUB TO ATTIC
- THERMOSTAT ⊙ +60" SEALED, +48" A.F.F UNSEALED (LOCATION MAY VARY)
- ULTRASONIC OCCUPANCY SENSOR
- ELECTRICAL PANEL
- EMERG. LIGHTING W/BATTERY BACKUP WHEN THE OCCUPANT LOAD IS 50 OR MORE

- GENERAL NOTES -**
- 1.-F.A. : STUB-UP ALL FIRE ALARM JUNCTION BOXES TO ACCESSIBLE ATTIC SPACE WITH 1/2" MIN. GALV. THIN WALL TUBING (EMT). DO NOT CONNECT FIRE ALARM CONDUIT WITH ANY OTHER ELECTRICAL CONDUIT
 - 2.-IF OPTIONAL DOOR OCCURS A PULL STATION J-BOX AND EXIT SIGN ARE REQUIRED. PULL STATIONS ARE REQUIRED ⊙ EVERY EXIT
 - 3.-STUB OUT LOCATIONS FOR ELECTRICAL PANEL, FIRE ALARM, AND DATA BOXES SHOWN ARE DIAGRAMITICAL ONLY EXACT LOCATIONS MAY VARY +/- SEVERAL FEET. PLEASE CONTACT AMERICAN MODULAR SYSTEMS FOR EXACT LOCATIONS. POINT OF CONNECTION WILL BE AT FACE OF BUILDING.
 - 4.-SEE TYPICAL CLASSROOM LAYOUT FOR LOCATIONS OF ALL DEVICES. FIXTURE MOUNTING SHALL COMPLY WITH CALIFORNIA SEISMIC REGULATIONS.
 - 5.-THE LIGHTS FOR EACH ROOM OVER 250' SQ FT SHALL BE CONTROLLED BY ULTRASONIC OCCUPANCY SENSOR. WATT STOPPER W-500A, W-1000A OR W-2000A (OR EQUAL) BASED ON THE ROOM SIZE IN CONJUNCTION WITH BI-LEVEL SWITCHING.

NOTE:
AT ANY SPACE REQUIRING 2 OR MORE EXITS PROVIDE EXIT SIGNS (CBC 1011) AND EMERGENCY EXIT ILLUMINATION (CBC 1006)

NOTE:
THE PROJECT ARCHITECT SHALL BE RESPONSIBLE FOR THE PLACEMENT OF HEAT, SMOKE DETECTORS AND PULL STATIONS WHEN THE SITE SPECIFIC PROJECT IS REQUIRED TO MEET THE PROVISIONS OF SB 575 & CBC 907.2.3

SYMBOL	DESCRIPTION	WATTS	MANUFACTURER
	2'X4' FLOURESCENT DROP IN FIXTURE, ACRYLIC PRISMATIC LENS, T-8 ELECTRONIC BALLASTS (3)32 WATT TUBES, WT. 27 LBS.	SP41 32 W	CRESCENT 24CP40HFA1158YF2 OR LITHONIA 2GT440A12120ESPWS1846LPESCW
	FLOURESCENT SURFACE MOUNTED EXTERIOR LIGHT WITH IMPACT RESISTANT ENCLOSURE. .125 THICK CLEAR PRISMATIC ONE PIECE LENS W/ NEOPRENE GASKET & POSIGRIP STAINLESS STEEL SCREWS. (PROVIDE EMERGENCY BATTERY BACK-UP WHEN THE OCCUPANT LOAD IS 50 OR MORE	(2) 7W TT 2700 K	ENERTRON 7026B-L OR EQUAL

BASED ON PC# 02-109701

REVISIONS

NO	DATE	DESCRIPTION

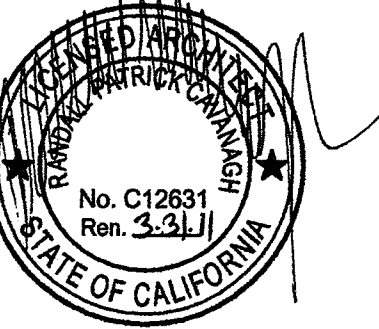
DATE: 07/02/09
SCALE: NOTED
DRAWN BY: MP
SERIAL NO.:

CUSTOMER:
BAKERSFIELD CITY SCHOOLS
FREMONT ELEMENTARY SCHOOL

2 1/2:12 PITCHED ROOF 30' x 32' RELOCATABLE BUILDINGS
TYPICAL ELECTRICAL PLAN



APPROVALS:



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03 112884
AC: FLS: SS: SS
DATE: 7-17-09

PROJECT NO.
E1

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