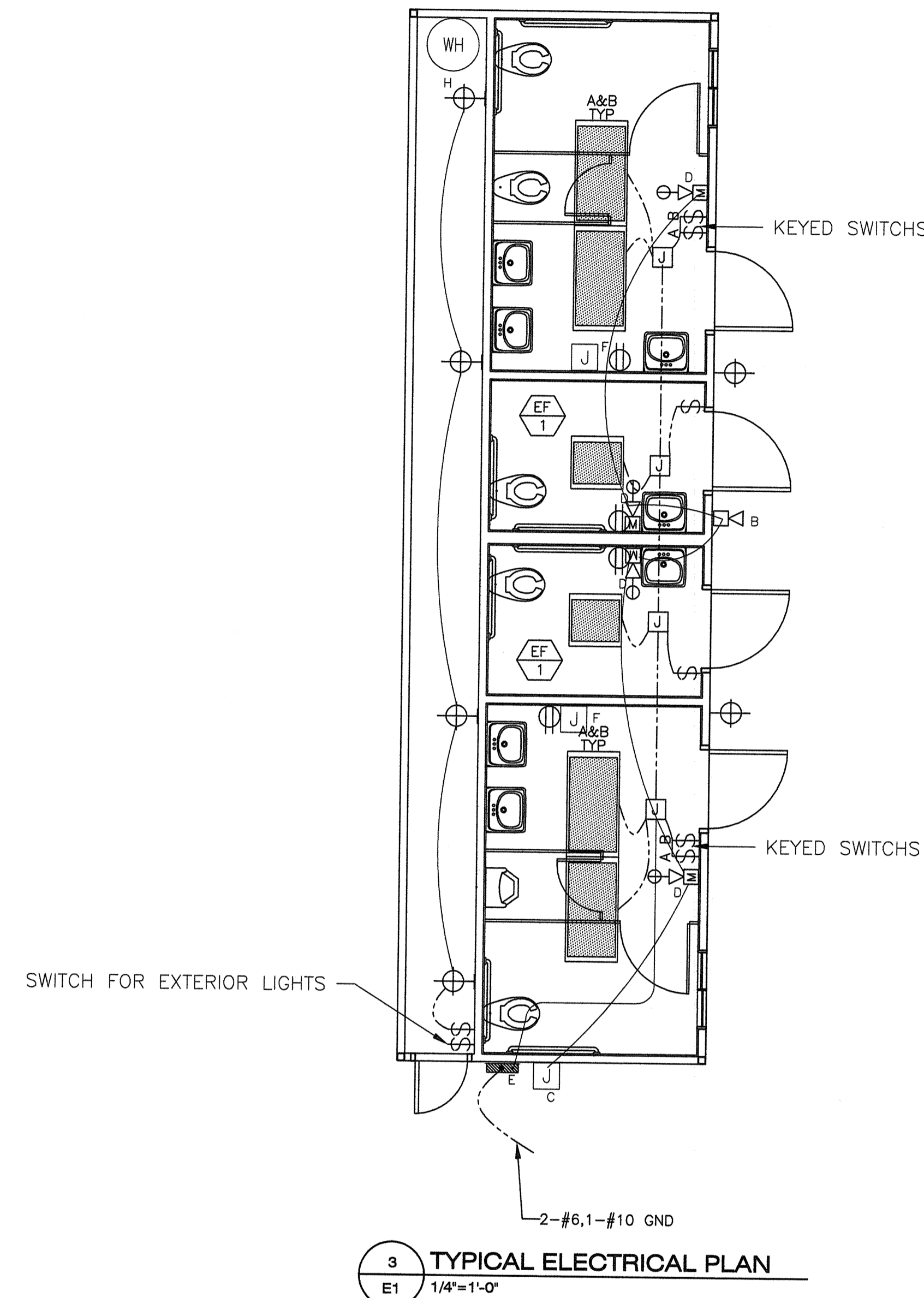


**STANDARD ELECTRICAL SYMBOLS**

- EXIT LIGHT WHERE TWO OR MORE EXITS ARE REQUIRED
- INCANDESCENT WALL MOUNTED INTERIOR LIGHT FIXTURE
- DUPLEX WALL CONVENIENCE OUTLETS  
@ +18" TO CENTER LINE ABOVE F.F. AND 12"-0" MAX TYP U.O.N.
- 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 - @=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) EMPTY 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
- ULTRASONIC OCCUPANCY SENSOR
- ELECTRICAL PANEL



- B. EXTERIOR 4 SQ. J-BOX (FIRE ALARM HORN) INSTALL AT +90" FROM FINISHED FLOOR.
- C. J-BOX ONLY (FIRE ALARM TIE-IN) INSTALL 4" SQ. BOX, 2 GANG RING WITH 1" CONDUIT TO ABOVE CEILING. TIE TO 3/4" CONDUIT AS SHOWN ON PLAN FOR FIRE ALARM DEVICES.
- D. 4" SQ. J-BOX (FIRE ALARM HORN/STROBE).
- E. ELECTRICAL SERVICE TIE-IN LOCATION.
- F. 4" J-BOX MOUNTED AT +36" TO CENTER WITH 230 V. POWER FOR DISTRICT SUPPLIED HAND DRYERS.
- G. EXTERIOR ENERGY SAVING LIGHT FIXTURE. STANDARD LIGHT SWITCH LOCATED IN PLUMBING CHASE. IDENTIFY SWITCH AS SUCH.
- H. 6 GALLON 120V ELECTRIC WATER HEATER. MOUNT ON WALL AS HIGH AS POSSIBLE WITH dsq APPROVED PLATFORM AND SAFETY STRAP.

**3 TYPICAL ELECTRICAL PLAN**  
E1 1/4"-1'-0"

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 24GP40HFA1158YF2 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 WHERE TWO OR MORE EXITS OCCUR.)	(2) 7W TT 2700 K	ENERTRON 7026B-L OR EQUAL

**- 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 DIAGRAMMICAL 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.

BASED ON PC# 02-109808

REVISIONS		
NO	DATE	DESCRIPTION

DATE: 08/12/10  
SCALE: NOTED  
DRAWN BY: RS  
SERIAL NO.:

CUSTOMER:  
**BAKERSFIELD SCHOOL DISTRICT**  
PIONEER ELEMENTARY SCHOOL

**12'X40' RELOCATABLE BUILDING**  
**TYPICAL ELECTRICAL PLAN & NOTES**

APPROVALS:

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

AC: FLS: SS:  
DATE:

PROJECT NO.  
**E1**

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