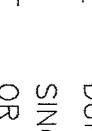
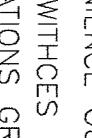
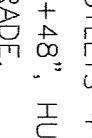
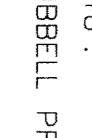
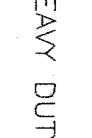
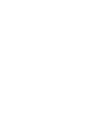
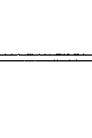
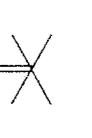
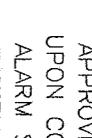
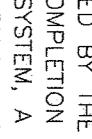
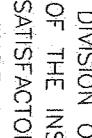
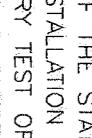
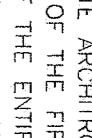
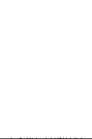
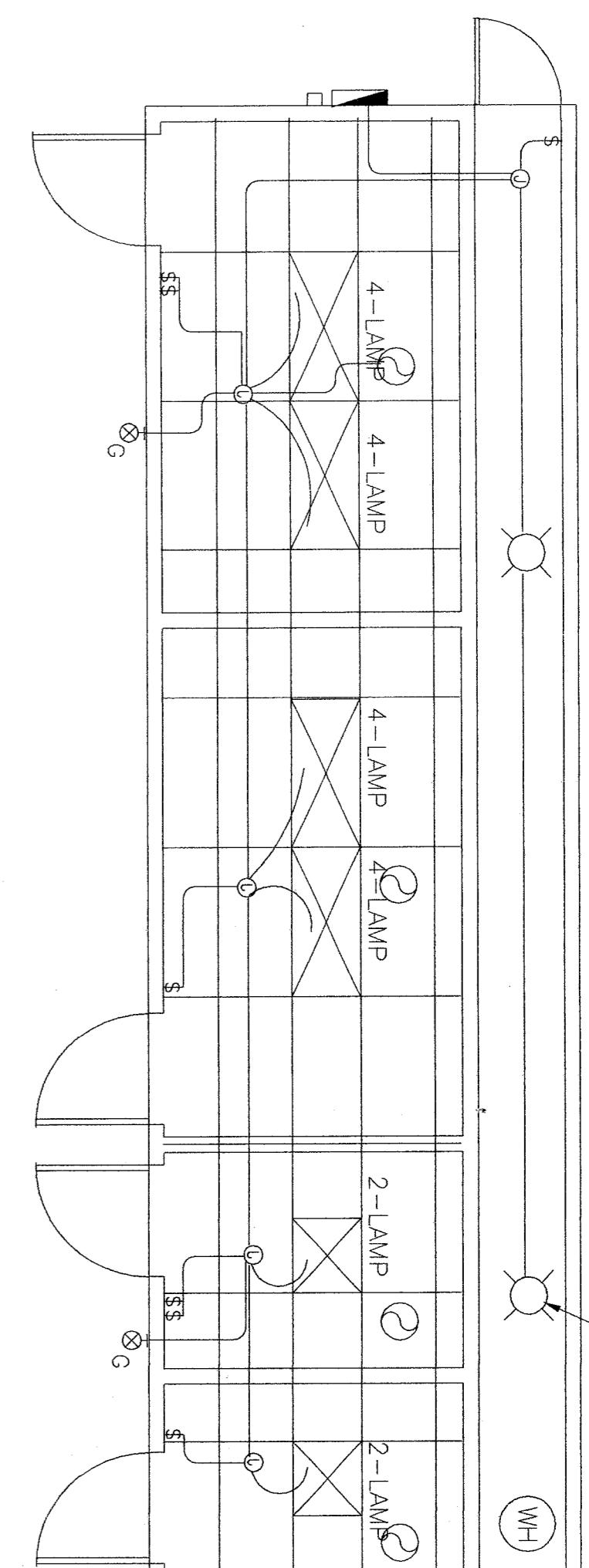


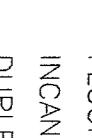
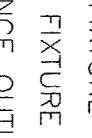
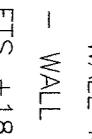
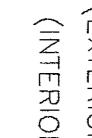
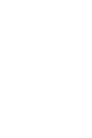
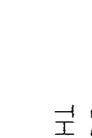
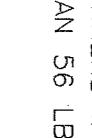
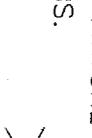
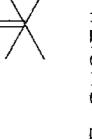
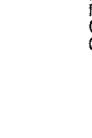
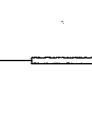
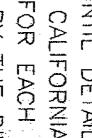
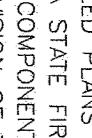
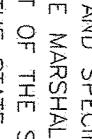
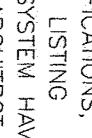
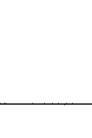
STANDARD ELECTRICAL SYMBOLS

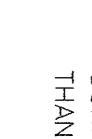
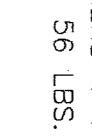
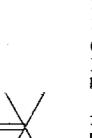
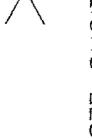
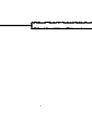
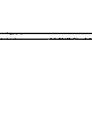
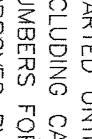
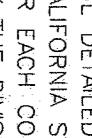
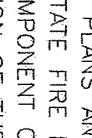
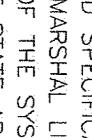
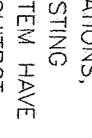
 FLUORESCENT LIGHTING FIXTURE – SURFACE MOUNTED.
 FLUORESCENT LIGHTING FIXTURE – RECESSED.
 FLUORESCENT LIGHTING FIXTURE – WALL MOUNTED (EXTERIOR).
 INCANDESCENT LIGHTING FIXTURE – WALL MOUNTED (INTERIOR).
 DUPLEX WALL CONVENIENCE OUTLETS +18".
 SINGLE POLE LIGHT SWITCHES +48", HUBBELL PREMIUM, BRYANT HEAVY DUTY, OR LEVITON SPECIFICATIONS GRADE.
 OR LEVITON SPECIFICATIONS GRADE.
 ELECTRICAL CROSSOVER J-BOXES ABOVE T-BAR CEILING #1-4"X1", #22 4"X2", WALL CLOCK OUTLET WITH POWER OUTLET +84".
 SWITCH SUBSCRIPTS – a-DEVICE CONTROLLED.
 TERMINAL CABINET – SIZE AND TYPE AS NOTED.
 CONDUIT CONCEALED IN CEILING OR WALL.
 CONDUIT CONCEALED BELOW FLOOR OR GRADE.
 HOMERUN TO RESPECTIVE PANEL TO TERMINAL.
 INDICATES 1/4" (GREEN) GROUND WIRE, OTHER SIZES AS INDICATED.
 BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION IS A 24" 1/4" WIRE.
 NOTE CIRCUIT, FOR MORE THAN 24" 1/4" WIRES AS FOLLOWS, #4#14, #4#14, ETC.
 #4#14 ETC. FOR OTHER SIZES AS FOLLOWS, #4#10, #4#8, #4#6 ETC.
 FIXTURE IDENTIFICATION – LETTER INDICATES TYPE.
 N.I.E.S. ABBREV. FOR NOT IN ELECTRICAL SECTION OF THESE PLANS AND SPECS.
 M.T. ABBREV. FOR EMPTY CONDUIT WITH POLY. PULL CORD.
 FUSED DISCONNECT SWITCH SIZE AS REQUIRED. PROVIDE.
 FUSES AS RECOMMENDED BY EQUIPMENT SUPPLIER.
 WALL MOUNTED EXHAUST FAN N.I.E.S. CONNECT AS REQUIRED.
 50 AMP 250 VOLT RANGE RECEPTACLE.
 FIRE ALARM STATION – OUTLET ONLY, 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +48" CENTERLINE.
 FIRE ALARM HORN – OUTLET ONLY – 4" SQ. FIRE ALARM HORN – OUTLET ONLY – 4" SQ. (EXTERIOR ONLY)
 SINGLE DEVICE RING AND COVER +90° TO TOP.
 INTERCOM TELEPHONE – OUTLET ONLY – 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +48".
 FIRE ALARM MINI HORN – OUTLET ONLY – 4" SQ. BOX W/ SINGLE DEVICE RING AND COVER +90° TO TOP AND NOT LESS THAN 6" BELOW FINISHED CEILING.
 SEE TYPICAL CLASSROOM LAYOUT FOR LOCATIONS OF ALL DEVICES.
 FIXTURE MOUNTING SHALL COMPLY WITH CALIFORNIA SEISMIC REGULATIONS.
 THE LIGHTS FOR EACH ROOM OVER 250 SQUARE FEET SHALL BE CONTROLLED BY ULTRASONIC ROOM SIZE, IN CONJUNCTION WITH BI-LEVEL SWITCHING.

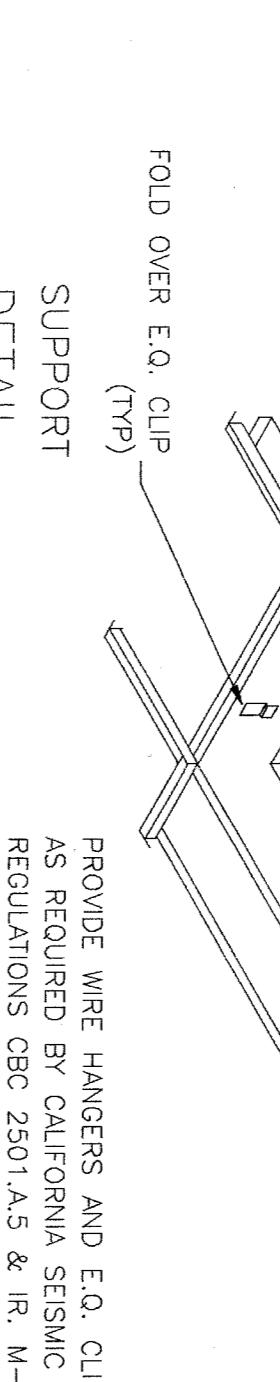


3
LIGHT FIXTURE PLAN ALT. 3
1/4" = 1'-0"

KEYLESS LIGHT FIXTURE TYP.

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 FLUORESCENT LIGHTING FIXTURE – RECESSED.
 FLUORESCENT LIGHTING FIXTURE – WALL MOUNTED (EXTERIOR).
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 SWITCH SUBSCRIPTS – a-DEVICE CONTROLLED.
 TERMINAL CABINET – SIZE AND TYPE AS NOTED.
 CONDUIT CONCEALED IN CEILING OR WALL.
 CONDUIT CONCEALED BELOW FLOOR OR GRADE.
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 FUSES AS RECOMMENDED BY EQUIPMENT SUPPLIER.
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 THE LIGHTS FOR EACH ROOM OVER 250 SQUARE FEET SHALL BE CONTROLLED BY ULTRASONIC ROOM SIZE, IN CONJUNCTION WITH BI-LEVEL SWITCHING.

 FOLD OVER E.Q. CLIP (TYP)
 SUPPORT DETAIL
 WIRE HANGER (TYP)
 (NOT T-BAR GRID SUPPORT)
 12 GA. (4) TOTAL ATTACHED TO FRAMING ABOVE T-BAR GRID SUPPORT
 1. THE FIRE ALARM SYSTEM SHALL CONFORM TO THE CALIFORNIA ELECTRICAL CODE.
 2. INSTALLATION OF THE FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT.
 3. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY.
 4. ALL FLUORESCENT LIGHT FIXTURES SHALL HAVE ENERGY SAVING LAMPS AND BALASTS.
 2. LUMINARIES AND BALASTS SHALL BE CERTIFIED PER CALIFORNIA BUILDING CODE TITLE 24.
 3. PROVIDE BONDS TO BLDG. STEEL & PANEL (#4 GJ)
 4. PANEL TO LISTED FOR USE AS SERVICE EQUIPMENT.
 FIXTURE NOTES:
 1. ALL FLUORESCENT LIGHT FIXTURES SHALL HAVE ENERGY SAVING LAMPS AND BALASTS.
 2. ALLOW FOR 12" MOVEMENT IN ANY DIRECTION IF PAD TOWERING IS USED.
 3. PROVIDE BONDS TO BLDG. STEEL & PANEL (#4 GJ)
 4. TO PROVIDE TWO LEVELS OF LIGHTING AND SWITCH (SAY) SHALL CONTROL THE TWO OUTER LAMPS.



GENERAL NOTES

1. GROUNDING ELECTRODE CONDUCTOR SIZED PER CEC

2. Manufactured to provide stub-out from back

3. Electrical panel through the exterior wall for

4. Receiving either underground or overhead service &

5. Electrical panel board shall be recess mounted inside the building. Size to accommodate all connected loads

including splices or shown. Overcurrent protective

devices in the panel boards have adequate

short circuit interrupting capacity. All buses including

bus shall be copper or aluminum.

4. 2x4 Fluorescent fixtures shall be steel frame, lens, glass

5. Devices. The lens diffusers shall be KHS, Inc. #KSH-12, Corbel, Inc. #L-12 or Plaskolite, Inc. #PL211A.

Minimum lens thickness shall be 1/25 inch, white

Fluorescent ballast shall be energy saver while

maintaining full light output, class "P", equipped with thermal protectors, guaranteed against

failure for (2) years and be replaced from inside the

fixture.

6. Clock – 12" dial clock on clock outlet.

A) Clock shall be General Electric model 2912 1129V 60

C) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

B) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

C) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

D) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

E) Clock outlet shall be Bryant #2828 or equal with

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F) Clock outlet shall be Bryant #2828 or equal with

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G) Clock outlet shall be Bryant #2828 or equal with

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H) Clock outlet shall be Bryant #2828 or equal with

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I) Clock outlet shall be Bryant #2828 or equal with

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J) Clock outlet shall be Bryant #2828 or equal with

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K) Clock outlet shall be Bryant #2828 or equal with

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L) Clock outlet shall be Bryant #2828 or equal with

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M) Clock outlet shall be Bryant #2828 or equal with

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N) Clock outlet shall be Bryant #2828 or equal with

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O) Clock outlet shall be Bryant #2828 or equal with

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P) Clock outlet shall be Bryant #2828 or equal with

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Q) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

R) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

S) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

T) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

U) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

V) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

W) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

X) Clock outlet shall be Bryant #2828 or equal with

separable hanging clip & appd recept.

Y) Clock outlet shall be Bryant #2828 or equal with

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