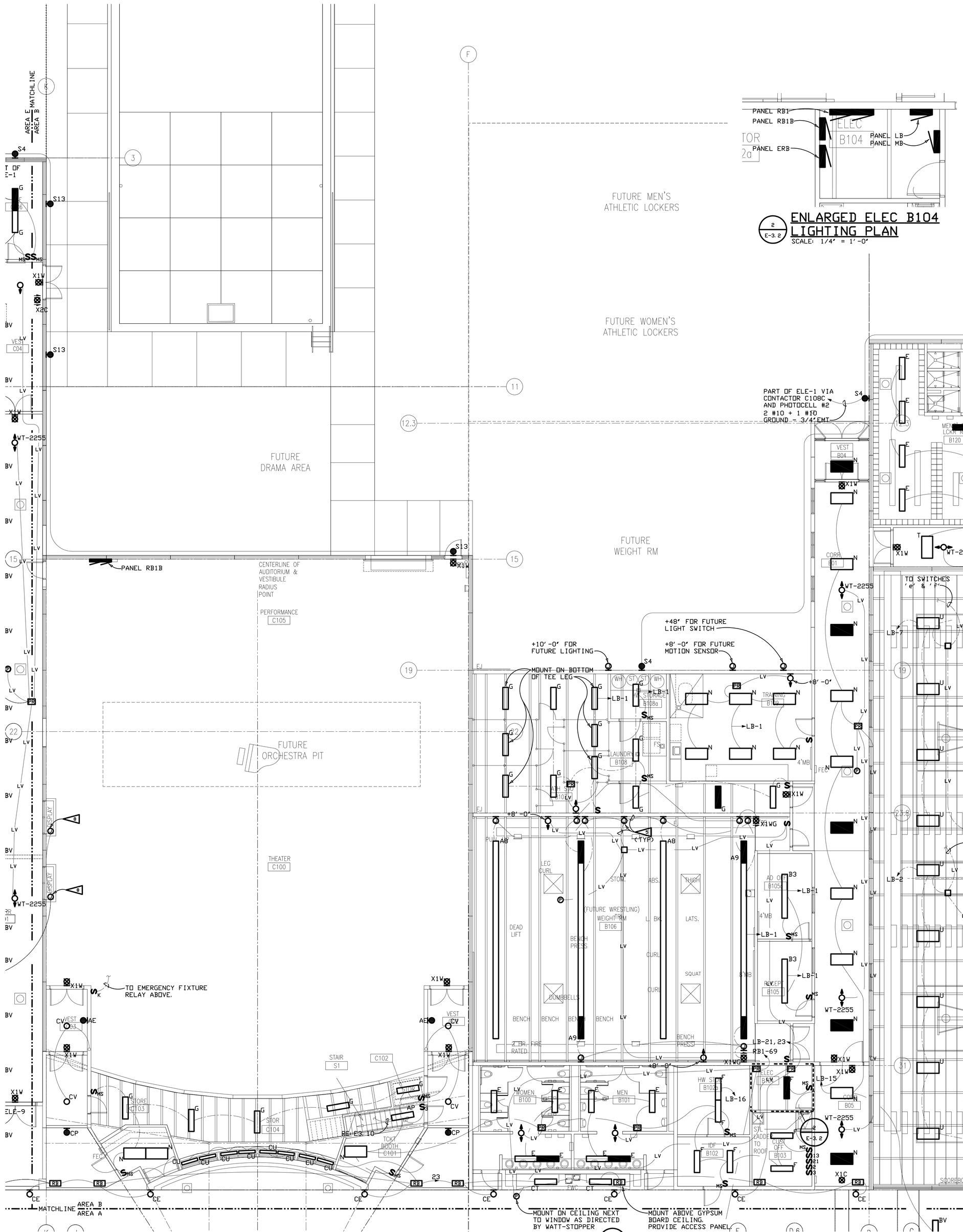

MAIN LEVEL LIGHTING PLAN AREA B

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

ENLARGED ELEC B104 LIGHTING PLAN

SCALE: 1/4" = 1'-0"

DRAWING NOTES: (SYMBOL ▷)

1 PROVIDE SINGLE POLE 30A-600 VAC ELECTRICALLY HELD RELAY (NC) IN NEMA ENCLOSURE ABOVE CEILING. APPLY NORMAL 277V POWER TO COIL TO HOLD RELAY OPEN. PROVIDE ENGRAVED COVERPLATE READING, "EMERGENCY LIGHTING. OPERATION BY AUTHORIZED PERSONNEL ONLY". SWITCH SHALL BE A SQUARE D #2A2BG4 WITH CONTACT BLOCK.

2 PROVIDE CONDUITS STUBBED UP ABOVE FLOOR FOR CONNECTIONS TO JUNCTION BOX MOUNTED SEAT LIGHTS. COORDINATE WITH SEAT MANUFACTURER FOR EXACT ROUGH-IN LOCATIONS TO SEAT LIGHTING JUNCTION BOXES. PROVIDE STEEL FLEX FROM CONDUIT STUBS TO LIGHTING JUNCTION BOXES MOUNTED ON SEAT LIGHTS. FLEX SHALL BE PROVIDED WITH DOUBLE HOLE STRAP INSIDE OF CHAIR PEDESTAL.

3 PROVIDE EIGHT (8) KEY-OPERATED SWITCHES FOR CONTROL OF MAIN GYM LIGHTING, SWITCHES 'a' THROUGH 'h'. PROVIDE 2-LEVEL SWITCHING SUCH THAT ONE SWITCH CONTROLS ONE-HALF OF THE FIXTURE AND THE OTHER SWITCH CONTROLS THE OTHER HALF OF THE FIXTURE. WHERE FIXTURES ARE FED FROM TWO (2) CIRCUITS FOR THE 2-LEVEL SWITCHING, ONE (1) CIRCUIT SHALL BE CONNECTED TO ONE (1) 3-LAMP BALLAST AND THE OTHER CIRCUIT SHALL BE CONNECTED TO THE OTHER 3-LAMP BALLAST.

4 OCCUPANCY SENSORS SHALL BE WIRED SUCH THAT UPON SENSING BY ANY SENSOR IN THE ROOM, ALL LIGHTING CIRCUITS IN THE ROOM ARE TURNED ON.

5 PROVIDE 4" SQUARE X 2-1/8" DEEP JUNCTION BOX WITH BLANK COVERPLATE MOUNTED FLUSH IN WALL NEAR CEILING. PROVIDE CONDUIT TO INTERCONNECT BOXES CONCEALED IN WALL AS INDICATED. PROVIDE AN ADDITIONAL CONDUIT OUT OF THE TOP OF EACH BOX, CONCEALED IN WALL AND TURN OUT OF WALL JUST BELOW CEILING HEIGHT FOR CONNECTION OF LIGHT FIXTURE CIRCUIT SURFACE MOUNTED CONDUIT.

6 THE PHOTOCELL CONTROL SYSTEM IN THIS ROOM SHALL BE WIRED TO PROVIDE 2-LEVEL FULL ON/FULL OFF, CONTROL OF EACH FIXTURE SUCH THAT

a UPON LOW SUNLIGHT LEVELS, ALL FIXTURES ARE FULLY ON.

b UPON SENSING OF A DETERMINED LEVEL OF SUNLIGHT, 1/2 OF EACH FIXTURE, EXCEPT EMERGENCY, IS TURNED OFF.

c UPON SENSING OF A DETERMINED HIGH LEVEL OF SUNLIGHT, ALL FIXTURES, EXCEPT EMERGENCY, ARE TURNED OFF.

7 PROVIDE THREE-WAY DIMMER 600W, LUTRON #NT-3PS-GR.

8 PROVIDE JUNCTION BOX IN DISPLAY CASE FOR CONNECTION TO LIGHTING PROVIDED WITH CASE. JUNCTION BOX SHALL BE MOUNTED SUCH THAT IT IS AS CONCEALED AS POSSIBLE. PROVIDE 2 #12 + 1 #12 GROUND IN 1/2" CONDUIT.

GENERAL NOTES:

1 ALL DEVICE BOXES AND CONDUIT SHOWN ON PRECAST WALLS SHALL BE INSTALLED CONCEALED IN PRECAST CONCRETE. REFER TO SPECIFICATION SECTION 16130 FOR ADDITIONAL INFORMATION.

2 ALL EXPOSED CONDUITS IN AREAS WITH EXPOSED CEILINGS SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO STRUCTURE TIGHT TO ROOF DECK IN A MANNER ACCEPTABLE TO THE ARCHITECT.

ALL LOW VOLTAGE CABLE IN EXPOSED AREAS SHALL ALSO BE ROUTED IN THE SAME METHOD IN A MANNER ACCEPTABLE TO THE ARCHITECT.

3 CONNECT ALL EXIT AND EMERGENCY LIGHTING IN AREA B EAST OF COLUMN LINE 'F' AND EAST OF COLUMN LINE 'K' TO CIRCUIT ELE-4 WITH 2 #10 + 1 #10 GROUND - 1/2" EMT.

4 CONNECT ALL EXIT AND EMERGENCY LIGHTING IN AREA B WEST OF COLUMN LINE 'F' AND EAST OF COLUMN LINE 'K' TO CIRCUIT ELE-6 WITH 2 #10 + 1 #10 GROUND - 1/2" CONDUIT.

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Falcon High School #3

New School Address
Falcon, Colorado 80831

RECORD DOCUMENTS

Theee Record Documents have been prepared based on information (marked-up prints, drawings and other data) provided to the Architect by the Contractor. The Architect has not verified the accuracy and/or completeness of this information and shall not be responsible for the errors or omissions which may be incorporated herein as a result.

FALCON SCHOOL DISTRICT 49
A Special Place for Everyone

Falcon School District 49
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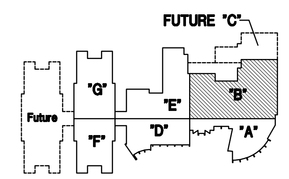
Record Documents

Drawn:
Checked: CBW, RLM, GDC
Issued: April 16, 2007
Revised: December 30, 2008

Area Key Plan



TRUE NORTH PLAN NORTH

MAIN LEVEL LIGHTING PLAN AREA "B"

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

E-3.2

New Falcon High School Project No. 05-023
The LKA Partners Incorporated