DRAWING NOTES: (SYMBOL ▷)

1 PROVIDE 4" SQUARE X 6" DEEP JUNCTION BOX AND DUPLEX RECEPTACLE BEHIND SCOREBOARD AT APPROXIMATELY 20'-0". COORDINATE WITH SCOREBOARD SHOP DRAWINGS.

2 PROVIDE FINAL CONNECTIONS TO MOTORIZED BACKSTOP, 1/2 HP-120V. PROVIDE JUNCTION BOX FOR RAISE/LOWER CONTROL SWITCH. CONTROL SWITCH IS FURNISHED BY OTHERS AS PART OF BACKSTOP PACKAGE AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE CONTROL WIRING FROM SWITCH TO MOTOR AS REQUIRED PER MANUFACTURER.

3 PROVIDE CONNECTIONS TO MAT MOVER 1 HP-208V-3 PHASE MOTORS. PROVIDE DISCONNECT SWITCHES FOR EACH MOTOR. PROVIDE CONTROL WIRING FROM KEY OPERATED SWITCH TO MOTORS PER MANUFACTURER RECOMMENDATIONS. KEY OPERATED SWITCH PROVIDED BY MANUFACTURER, INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR.

4 MOUNT SPEAKERS SURFACE MOUNTED TIGHT TO CEILING.

5 PROVIDE A 4" SQUARE X 2-1/8" DEEP JUNCTION BOX MOUNTED +10'-0" ABOVE FINISHED FLOOR WITH 1/2" CONDUIT ABOVE CEILING FOR OWNER PROVIDED SOUND SYSTEM SPEAKERS.

6 PROVIDE A 6" SQUARE X 4" DEEP JUNCTION BOX FOR SCOREBOARD CONTROL CABLE AND CONNECTIONS. PROVIDE LIQUIDTIGHT FLEXIBLE CONDUIT FROM JUNCTION BOX IN WALL TO JUNCTION BOX FLUSH IN FACE OF BLEACHERS. VERIFY CONDUIT SIZE WITH SCOREBOARD MANUFACTURER AND PROVIDE SIZE ADEQUATE FOR CONTROL CABLE AND CONNECTORS.

7 PROVIDE LIQUIDTIGHT FLEXIBLE CONDUIT FROM WALL TO DEVICES FLUSH MOUNTED IN FACE OF BLEACHERS.

8 PROVIDE CONNECTIONS TO MOTORIZED BLEACHERS PER MANUFACTURER RECOMMENDATIONS. PROVIDE A 30/3 + SN FUSED DISCONNECT SWITCH WITH 20A FRN-R FUSES AT EACH GROUP OF BLEACHERS. ELECTRICAL CONTRACTOR SHALL WIRE FROM DISCONNECT SWITCH THROUGH CONTROL PANEL TO MOTORS MOUNTED ON BLEACHERS. THE KEY SWITCHES WILL BE FURNISHED BY BLEACHER MANUFACTURER, INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR. PROVIDE CONTROL WIRING FROM KEY SWITCH TO CONTROL PANEL AS REQUIRED.

9 PROVIDE AN AIPHONE #LE-SS FLUSH MOUNTED, VANDAL RESISTANT INTERCOM STATION IN A FLUSH 2 GANG X 2-1/8" DEEP JUNCTION BOX. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. REFER TO DELIVERY DOOR INTERCOM SYSTEM ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION ON SHEET E-2.4.

10 PROVIDE FINAL CONNECTION TO ELECTRIC HAND DRYER/HAIR DRYERS WITH 2 #12 + 1 #12 GROUND - 1/2" EMT. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH-IN.

11 PROVIDE CONNECTION TO MOTORIZED CURTAIN, 1/2 HP-120V. CONNECT WITH 2 #12 + 1 #12 GROUND - 1/2" EMT. PROVIDE JUNCTION BOX FOR RAISE/LOWER CONTROL SWITCH. CONTROL SWITCH IS FURNISHED BY OTHERS AS PART OF CURTAIN PACKAGE AND INSTALLED BY ELECTRICAL CONTRACTOR. PROVIDE CONTROL WIRING FROM SWITCH TO MOTOR AS REQUIRED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

12 PROVIDE TWO (2) EMPTY 1/2" EMT CONDUITS FROM PANEL ERB FOR FUTURE MOTORIZED LIFT AND LIFT DOOR INTERLOCK. STUB CONDUITS INTO STORAGE #C102 ABOVE DOOR.

13 PROVIDE 120V-1 PHASE CIRCUIT TO PLUMBING LOW VOLTAGE SENSOR TRANSFORMER. PROVIDE LOW VOLTAGE CABLING FROM TRANSFORMER TO PLUMBING SENSORS AS INDICATED. COORDINATE ALL SYSTEM REQUIREMENTS WITH PLUMBING DRAWINGS AND SPECIFICATIONS.

14 ELECTRICAL CONTRACTOR SHALL COORDINATE TYPE OF CONNECTION WITH SECURITY SYSTEM(S) SUPPLIER AND PROVIDE APPROPRIATE MATERIALS, DEVICES, ETC. FOR PROPER CONNECTION. COORDINATE EXACT LOCATION WITH SECURITY CONSTRUCTION DOCUMENTS.

15 PROVIDE WEATHERPROOF IN-USE COVER RACO #5061-0.

16 PROVIDE A 4" SQUARE X 2-1/8" DEEP JUNCTION BOX IN PRECAST WALL FOR FUTURE RECEPTACLES. MOUNT JUNCTION BOX HORIZONTALLY, 18" TO BOTTOM OF BOX. PROVIDE BLANK COVERPLATE WITH TAMPERPROOF SCREWS. PROVIDE CONDUIT AS INDICATED ON THIS SHEET.

17 PROVIDE CONNECTIONS TO POWER ASSISTED DOORS AND PUSHBUTTON ACTUATORS. PROVIDE CONTROL WIRING IN CONDUIT FROM EACH PUSHBUTTON ACTUATOR TO DOOR CONTROLLERS MOTORS AND MAKE ALL TERMINATIONS AS REQUIRED FOR A COMPLETELY OPERATIONAL SYSTEM. PUSHBUTTON ACTUATORS ARE FURNISHED BY THE DOOR MANUFACTURER, INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR. VERIFY EXACT LOCATION OF PUSHBUTTON ACTUATORS WITH ARCHITECT PRIOR TO ROUGH-IN. MOUNT PUSHBUTTON ACTUATORS AT 42" ABOVE FINISHED FLOOR ON FINAL GRADE.

18 FOR OWNER PROVIDED UPS, VERIFY EXACT LOCATION, HEIGHT AND PLUG NEMA CONFIGURATION WITH OWNER PRIOR TO ROUGH-IN.

GENERAL NOTES:

1 PROVIDE CONNECTIONS FOR EACH FIRE/SMOKE DAMPER FOR 120V POWER AND FIRE ALARM. UTILIZE SAME 120V CIRCUIT FOR FIRE/SMOKE DAMPERS TO FEED SMOKE DAMPERS. PROVIDE 2 #10 - 1/2" CONDUIT AND CONNECT TO CIRCUIT ERB-10. PROVIDE A SEPARATE RELAY AND CONTROL ZAM FOR DAMPER CONTROL. PROVIDE TYPE OF WIRING PER FIRE ALARM MANUFACTURER. PROVIDE ADDITIONAL SMOKE DETECTORS OR DUCT DETECTORS FOR FIRE/SMOKE DAMPERS AND SMOKE DAMPERS. REFER TO MECHANICAL DRAWINGS FOR ALL FIRE/SMOKE DAMPER AND SMOKE DAMPER LOCATIONS. THERE ARE NO FIRE/SMOKE DAMPERS OR SMOKE DAMPERS SHOWN ON ELECTRICAL DRAWINGS.

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

3 REFER TO SEPARATE TELECOMMUNICATIONS DRAWINGS FOR LOCATIONS OF TELE/DATA OUTLETS. ELECTRICAL CONTRACTOR SHALL PROVIDE JUNCTION BOX AND CONDUIT AT THE LOCATIONS PER SPECIFICATIONS AND ONE-LINE DIAGRAM ON SHEET E-4.0.

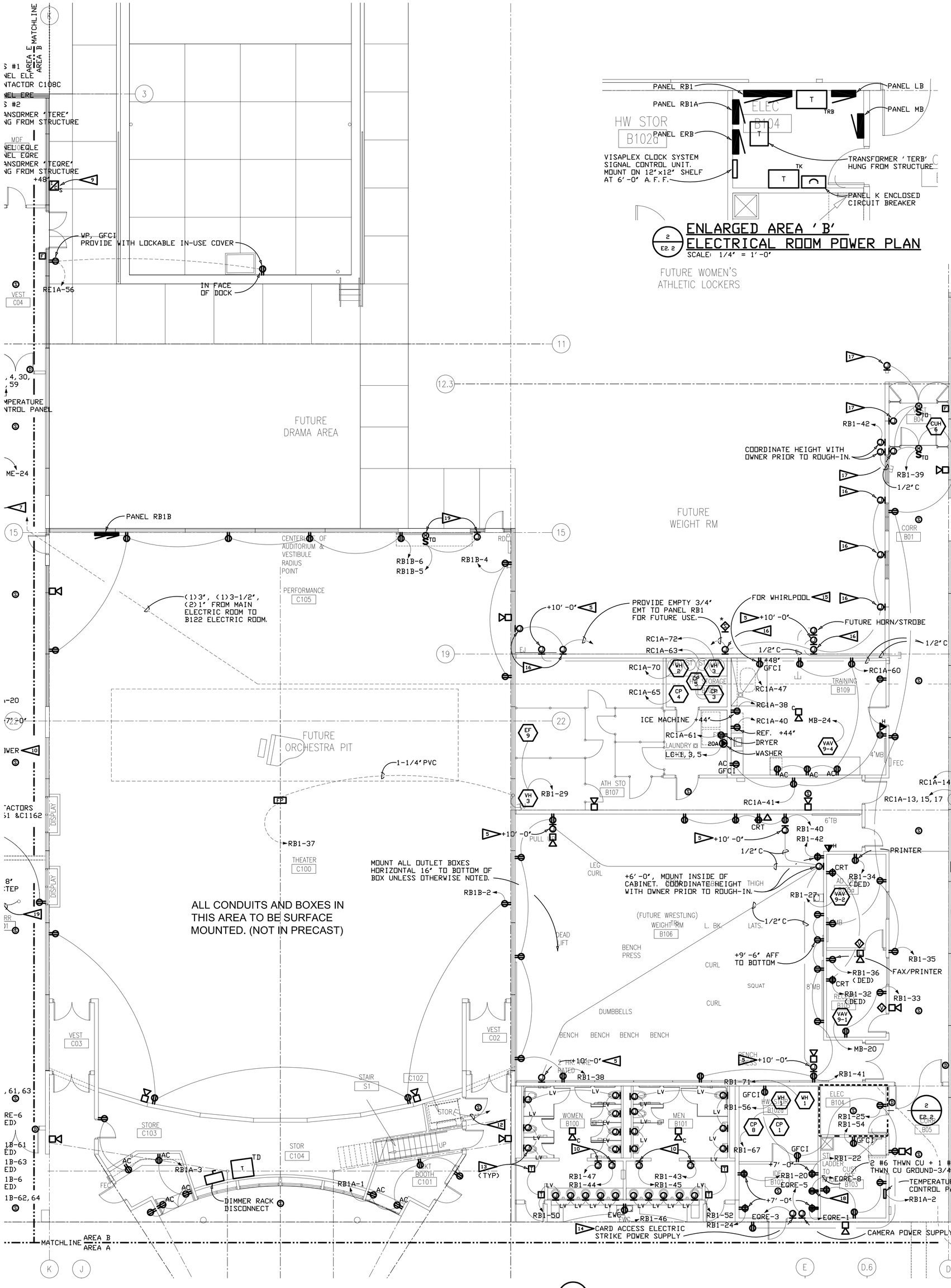
4 ALL CONDUITS IN GYMNASIUM SHALL BE ROUTED PARALLEL, PERPENDICULAR AND TIGHT TO STRUCTURE. CONDUITS SHALL NOT BE RUN IN ROOF STRUCTURE. CONDUITS FOR SWITCH LEGS AND HOMERUNS SHALL BE RUN CONCEALED IN WALL UP TO ROOF STRUCTURE AND THEN EXPOSED ACROSS BOTTOM OF STRUCTURE. CONDUITS SHALL NOT BE ROUTED EXPOSED ON WALLS. CONDUITS FOR ALL OTHER DEVICES MAY BE ROUTED DOWN IN PRE-CAST AND THEN RUN UNDER SLAB PER THE SPECIFICATIONS.

5 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.

6 REFER TO SEPARATE SECURITY DRAWINGS AND SPECIFICATIONS AND PROVIDE ALL JUNCTION BOXES, CONDUIT, LINE VOLTAGE CIRCUITS, ETC. AS REQUIRED.

7 ELECTRICAL CONTRACTOR SHALL PROVIDE GROUNDING FOR MDF/IDF ROOMS AS INDICATED ON SEPARATE TELECOMMUNICATIONS DRAWINGS.



1/E2.2 MAIN LEVEL POWER PLAN AREA B
SCALE: 1/8" = 1'-0"

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Falcon High School #3

New School Address
Falcon, Colorado 80831

RECORD DOCUMENTS

Those 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.

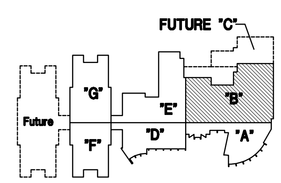
FALCON SCHOOL DISTRICT 49
A Special Place for Everyone

Falcon School District 49
10850 E. Woodmen Road
Falcon, Colorado 80831

Record Documents

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

Area Key Plan



TRUE NORTH PLAN NORTH

MAIN LEVEL POWER PLAN AREA "B"

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

E-2.2

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