# ARENA RENOVATIONS FOR MIDLOTHIAN HIGH SCHOOL MIDLOTHIAN INDEPENDENT SCHOOL DISTRICT

#### ADDENDUM NO. 1 APRIL 12, 2021

The following items modify the Plans and Specifications, and shall become a part of the Contract Documents:

#### **GENERAL ITEMS:**

ITEM NO. 01 Pre-Bid Sign-In Sheet

A. See attached pre-bid sign-in sheet.

#### ITEM NO. 02 MEETING MINUTES FROM PRE-BID MEETING

#### ITEM NO. 03 QUESTIONS FROM BIDDERS

- A. The demo electrical drawings show to remove the circular lights. The new lights are typical rectangle or square. Because the area is hard lid, please confirm the locations will need to be cut, framed, and patched for the new shape of light fixture. Please confirm if the ceilings are drywall or plaster.
  - a. There are only 2 round fixtures in gypsum ceilings and these will need to be patched and repaired and painted. All other fixtures are in lay-in ceilings. Revised drawings include notes to replace all ceiling tile in one of the back stairs and use the existing pulled from that stair for stock to address the additional tile needed when we change a 4'-0" dia. Fixture to a 2x4.
- B. To confirm per Note #2 on Sheet DE1.01., the contractor is to provide a minimum of (2) layers of 3/4" plywood for protection of court floor?
  - a. Protection as noted is required across the entire gym floor only. Remainder of work area needs Ram board or equal, similar to how we do RISD projects. This is also clarified in the addendum forthcoming.
- C. Please confirm if the structural columns are to be painted if the new light fixture mounts do not cover the same area as the existing light fixture mounts.
  - a. The columns in question are wrapped in gypsum and yes, in the addendum we are calling to patch, repair, and paint to match at these locations.
- D. Can you specify the deck height for light replacement?
  - a. New light fixtures should be mounted for that the fixture plane is uniform, and level with the playing court, and the bottom of the fixture is at the same height or above the lowest level of the existing light fixtures. Refer to revised sheets issued in this addendum for additional information.
- E. Please provide info on how the floor protection should be around the lobby and corridors?
  - a. Refer to revised sheets in this addendum for information on floor protection.

#### **DRAWINGS**:

#### ITEM NO. 01 DE1.01:

A. Revise general note '2' to read as follows, "PROVIDE FLOOR PROTECTION IN ALL AREAS OF THE DEMOLITION AND NEW WORK THROUGHOUT TO THE EXTERIOR OF THE BUILDING. FLOOR PROTECTION TO BE MINIMUM RAM BOARD OR EQUAL. PROTECT FLOOR FULL WIDTH OF THE AREA OF WORK."

#### ITEM NO. 02 DE1.02:

A. Revise general note '2' to read as follows, "PROVIDE FLOOR PROTECTION IN ALL AREAS OF THE DEMOLITION AND NEW WORK THROUGHOUT TO THE EXTERIOR OF THE BUILDING. FLOOR PROTECTION TO BE MINIMUM RAM BOARD OR EQUAL. PROTECT FLOOR FULL WIDTH OF THE AREA OF WORK."

#### ITEM NO. 03 DE1.03:

- A. Revised General Demolition Notes.
- B. Added Notes By Symbols.
- C. Refer to attached sheet for revisions.

#### ITEM NO. 04 DE1.04:

- A. Revised General Demolition Notes.
- B. Added Notes By Symbols.
- C. Refer to attached sheet for revisions.

#### ITEM NO. 05 E0.00:

- A. Refer to "General Demolition Notes", add the following two notes:
  - 6. REMOVE EXISTING CEILING GRID AND TILE AS NEEDED TO REMOVE EXISTING AND INSTAL NEW LIGHTING AND CONDUIT. REUSE EXISTING CEILING TILE WHERE POSSIBLE AND PROVIDE NEW GRID TO MATCH EXISTING WHERE EXISTING IS REMOVED. STORE AND STACK EXISTING TILE FOR REUSE AND PROTECT.
  - 7. WHERE ITEMS ARE REMOVED, GENERAL CONTRACTOR TO PATCH WALLS, CEILING, OR FLOOR AS APPLICABLE TO MATCH EXISTING FINISHES"

#### ITEM NO. 06 E1.01:

- A. Refer to "General Lighting Notes", add the following note:
  - 2. NOTE ALL EXISTING LIGHTING SHOWN. ONLY LIGHTING SCOPE ASSOCIATED WITH THIS PROJECT NOTED."

#### ITEM NO. 07 E1.02:

- A. Refer to "General Lighting Notes", add the following note:
  - 2. NOTE ALL EXISTING LIGHTING SHOWN. ONLY LIGHTING SCOPE ASSOCIATED WITH THIS PROJECT NOTED."

#### ITEM NO. 08 E1.03:

- A. Added Notes By Symbols.
- B. Added lighting control devices
- C. Refer to attached sheet for revisions.

#### ITEM NO. 09 E1.04:

- A. Added Notes By Symbols.
- B. Added lighting control devices.
- C. Refer to attached sheet for revisions.

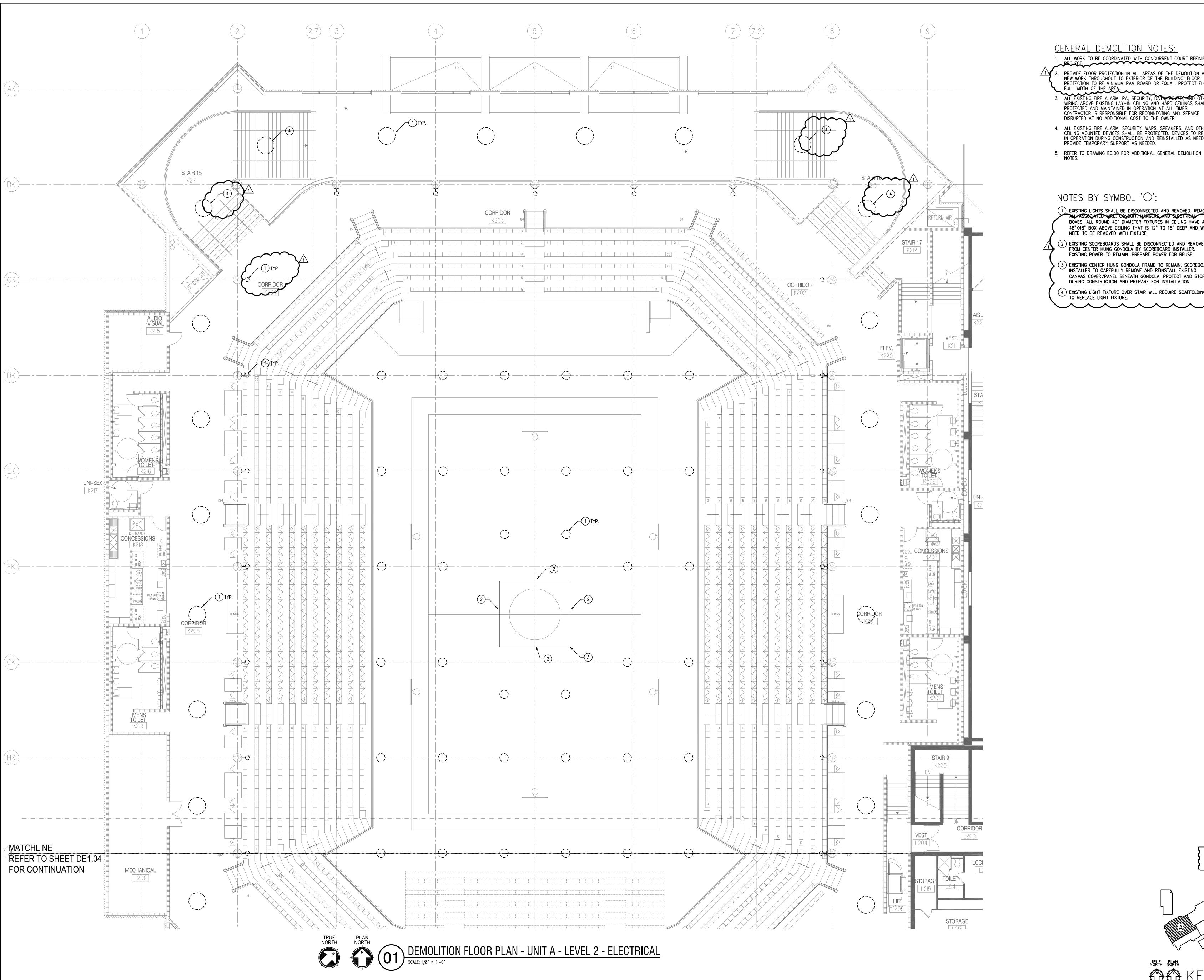
#### ITEM NO. 10 E2.03:

- A. Added Notes By Symbols.
- B. Revised conduit routing for fiber to center hung Gondola.
- C. Refer to attached sheet for revisions.

#### ITEM NO. 11 E3.01:

- A. Added notes to light fixture schedule.
- B. Refer to attached sheet for revisions.

End Addendum No. 1



GENERAL DEMOLITION NOTES: . ALL WORK TO BE COORDINATED WITH CONCURRENT COURT REFINISHING PROJECT. PROVIDE FLOOR PROTECTION IN ALL AREAS OF THE DEMOLITION AND NEW WORK THROUGHOUT TO EXTERIOR OF THE BUILDING. FLOOR PROTECTION TO BE MINIMUM RAM BOARD OR EQUAL. PROTECT FLOOR FULL WIDTH OF THE AREA.

3. ALL EXISTING FIRE ALARM, PA, SECURITY, DATA, POWER, AND OTHER WIRING ABOVE EXISTING LAY-IN CEILING AND HARD CEILINGS SHALL BE PROTECTED AND MAINTAINED IN OPERATION AT ALL TIMES. CONTRACTOR IS RESPONSIBLE FOR RECONNECTING ANY SERVICE DISRUPTED AT NO ADDITIONAL COST TO THE OWNER. 4. ALL EXISTING FIRE ALARM, SECURITY, WAPS, SPEAKERS, AND OTHER CEILING MOUNTED DEVICES SHALL BE PROTECTED. DEVICES TO REMAIN IN OPERATION DURING CONSTRUCTION AND REINSTALLED AS NEEDED.

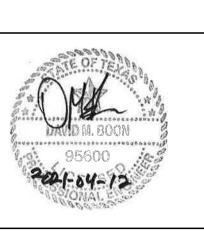
NOTES BY SYMBOL 'O':

1) EXISTING LIGHTS SHALL BE DISCONNECTED AND REMOVED. REMOVE
ALL ASSOCIATED WIRE, CONDUIT, HANGERS AND ELECTRICAL
BOXES. ALL ROUND 40" DIAMETER FIXTURES IN CEILING HAVE A
48"X48" BOX ABOVE CEILING THAT IS 12" TO 18" DEEP AND WILL
NEED TO BE REMOVED WITH FIXTURE. 2 EXISTING SCOREBOARDS SHALL BE DISCONNECTED AND REMOVED FROM CENTER HUNG GONDOLA BY SCOREBOARD INSTALLER. EXISTING POWER TO REMAIN. PREPARE POWER FOR REUSE. (3) EXISTING CENTER HUNG GONDOLA FRAME TO REMAIN. SCOREBOARD INSTALLER TO CAREFULLY REMOVE AND REINSTALL EXISTING CANVAS COVER/PANEL BENEATH GONDOLA. PROTECT AND STORE DURING CONSTRUCTION AND PREPARE FOR INSTALLATION. 4 EXISTING LIGHT FIXTURE OVER STAIR WILL REQUIRE SCAFFOLDING TO REPLACE LIGHT FIXTURE.



**Consulting Engineers** 12001 N Central Expy #1100 www.rwb.net Dallas, TX 75243 Firm Registration # F-2176 (972) 788-4222 Project # 21008.00 ISSUES 01 ISSUE FOR CONSTRUCTION 2021.03.25

REVISIONS ADDENDUM No.1







DEMO FP UNIT A-LVL 2 **ELECTRICAL** JOB NO.: 2021-015 DATE: 03/25/2021 DRAWN BY: PT CHECKED BY: NPH

DE1.03

SHEET NO.

DEMOLITION FLOOR PLAN - UNIT B - LEVEL 2 - ELECTRICAL

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

GENERAL DEMOLITION NOTES:

1. ALL WORK TO BE COORDINATED WITH CONCURRENT COURT REFINISHING PROJECT. PROVIDE FLOOR PROTECTION IN ALL AREAS OF THE DEMOLITION AND NEW WORK THROUGHOUT TO EXTERIOR OF THE BUILDING. FLOOR PROTECTION TO BE MINIMUM RAM BOARD OR EQUAL. PROTECT FLOOR

FULL WIDTH OF THE AREA.

ALL EXISTING FIRE ALARM, PA, SECURITY, DATA, ROWER, AND WIRING ABOVE EXISTING LAY-IN CEILING AND HARD CEILINGS SHALL BE PROTECTED AND MAINTAINED IN OPERATION AT ALL TIMES.
CONTRACTOR IS RESPONSIBLE FOR RECONNECTING ANY SERVICE

4. ALL EXISTING FIRE ALARM, SECURITY, WAPS, SPEAKERS, AND OTHER CEILING MOUNTED DEVICES SHALL BE PROTECTED. DEVICES TO REMAIN IN OPERATION DURING CONSTRUCTION AND REINSTALLED AS NEEDED. PROVIDE TEMPORARY SUPPORT AS NEEDED.

5. REFER TO DRAWING E0.00 FOR ADDITIONAL GENERAL DEMOLITION

DISRUPTED AT NO ADDITIONAL COST TO THE OWNER.

NOTES BY SYMBOL 'O':

1 EXISTING LIGHTS SHALL BE DISCONNECTED AND REMOVED.
REMOVE ALL ASSOCIATED WIRE, CONDUIT, HANGERS AND
ELECTRICAL BOXES. ALL ROUND 40" DIAMETER FIXTURES IN CEILING HAVE A 48"X48" BOX ABOVE CEILING THAT IS 12" TO 18" DEEP AND WILL NEED TO BE REMOVED WITH

2 EXISTING EMERGENCY LIGHTING INVERTER SHALL BE DISCONNECT AND REMOVED.

3 EXISTING PROJECTION SCREENS TO BE REMOVED ALONG WITH ASSOCIATED SUPPORT CABLES.

4 EXISTING WALL MOUNTED PROJECTORS SHALL BE REMOVED ALONG WITH PROJECTOR SUPPORTS. PATCH, REPAIR, AND PAINT WALLS TO MATCH EXISTING. 5 ACCESS TO EXISTING LIGHT FIXTURE OVER STAIR WILL REQUIRE SCAFFOLDING TO BE REPLACED.

6 EXISTING LIGHT FIXTURE IN GYPSUM TYPE CEILING. REMOVE EXISTING GYPSUM CEILING AS NEEDED TO ACCOMODATE

NEW FIXTURE INSTALLATION.

7 REMOVE ALL EXISTING CEILING TILE IN STAIRWELL AND CAREFULLY STACK, STORE, AND PROTECT FOR USE IN CONCOURSE LEVEL LIGHTING REPLACEMENT. EXISTING CEILING GRID TO REMAIN AND BE RE-USED.

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2021.04.12

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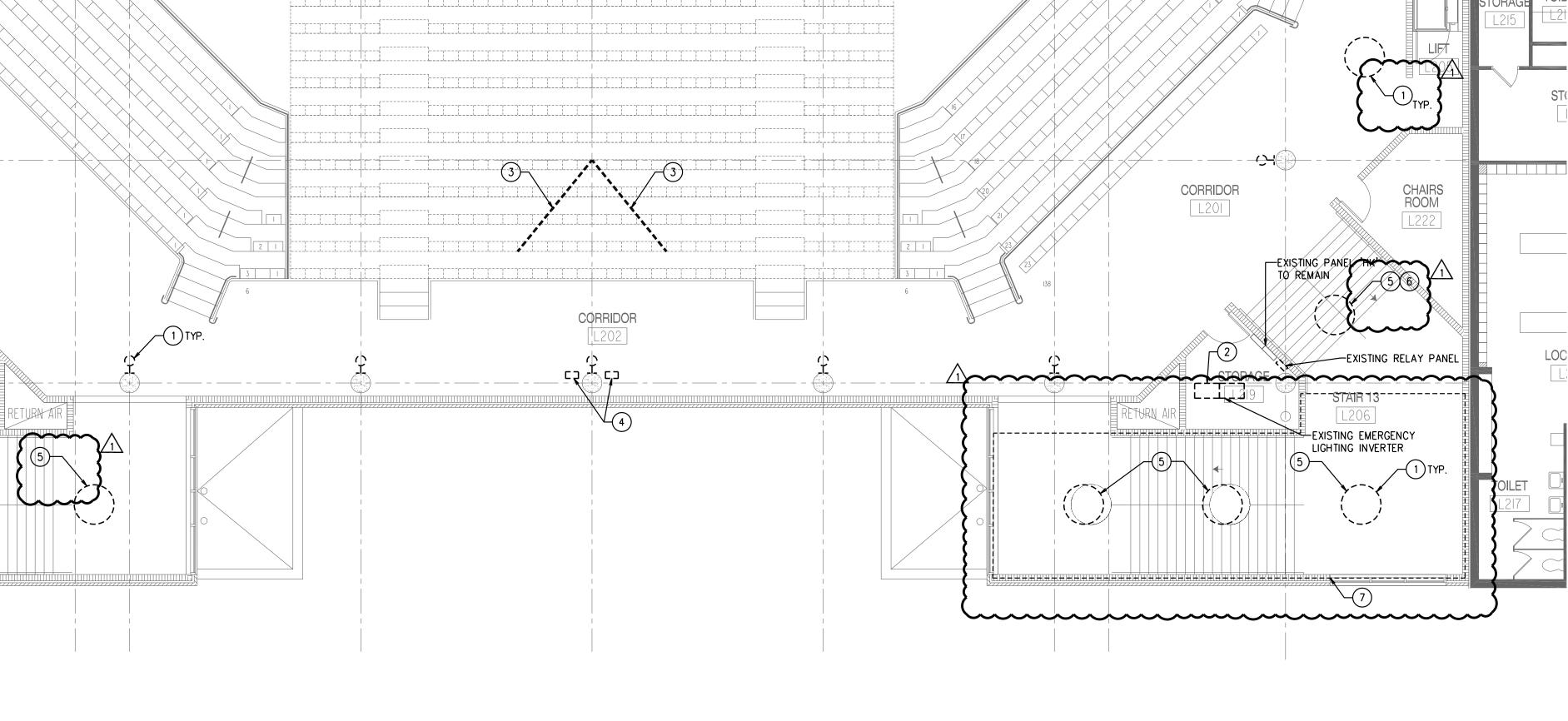
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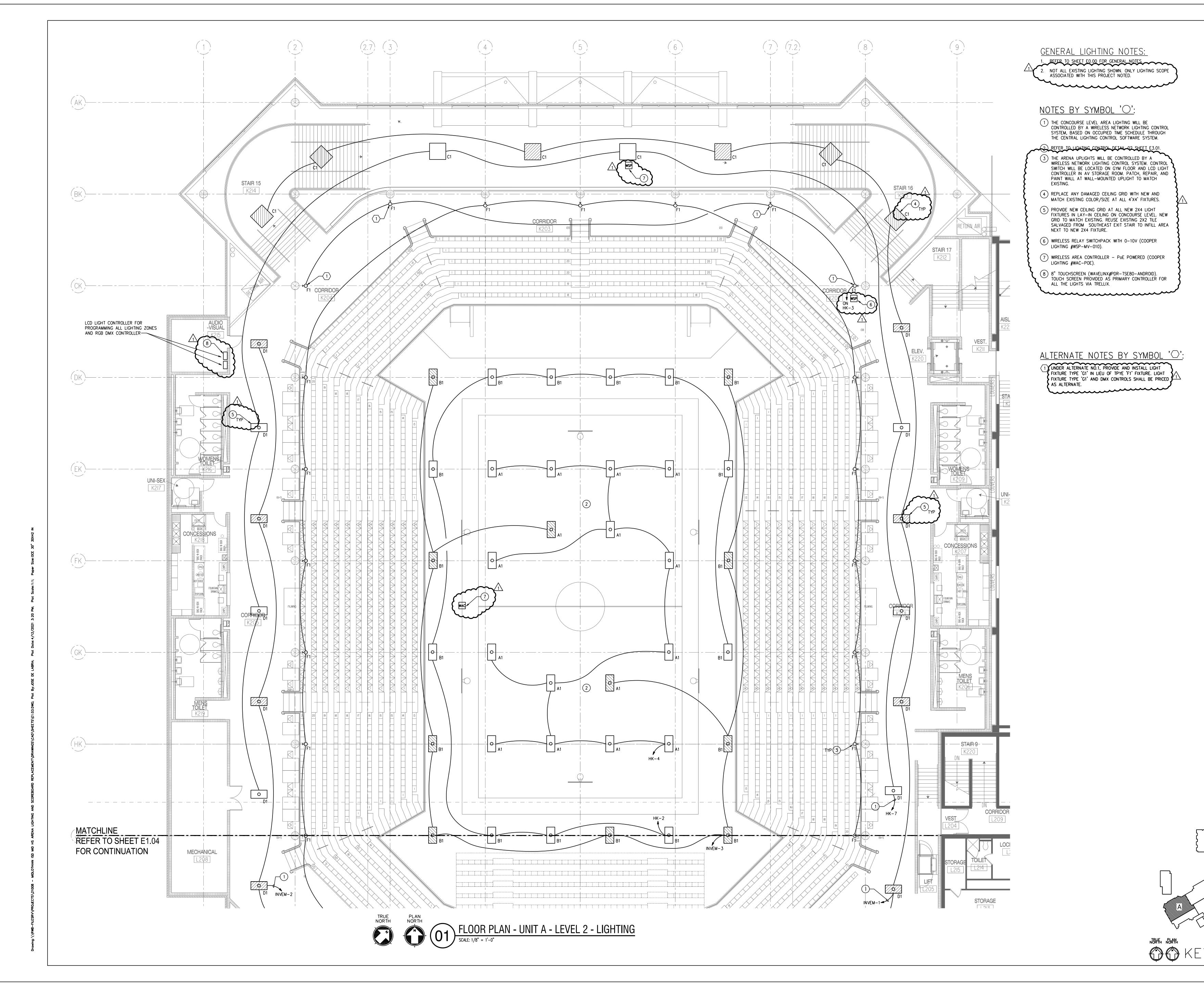
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DEMO FP UNIT B-LVL 2 ELECTRICAL JOB NO.: 2021-015 DATE: 03/25/2021 DRAWN BY: PT CHECKED BY: NPH

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OF TEACH





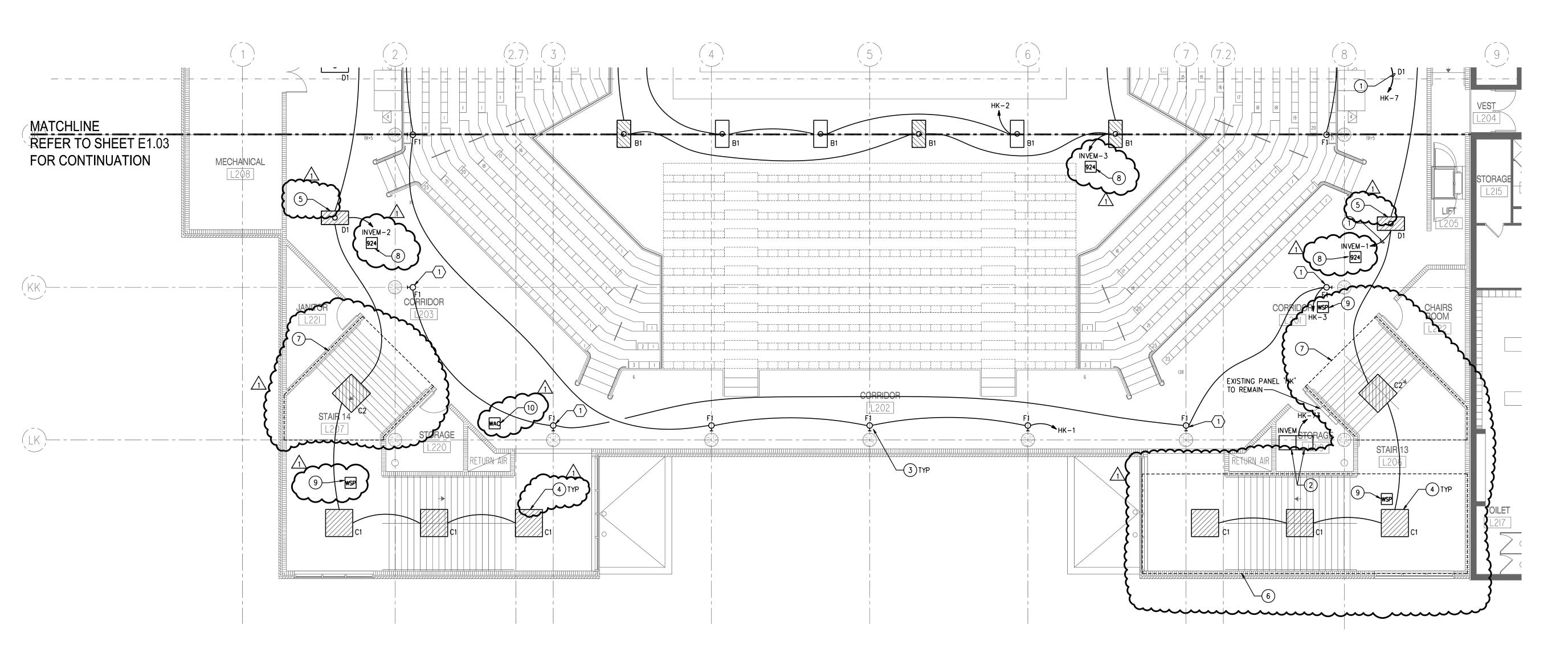
OTHIAN HIGH SCHOOL ENA RENOVATIONS

FLOORPLAN UNIT A-LVL 2 LIGHTING

JOB NO.: 2021-015
DATE: 03/25/2021
DRAWN BY: PT
CHECKED BY: NPH

SHEET NO.

E1.03



GENERAL LIGHTING NOTES: 1. REFER TO SHEET EO.00 FOR CENERAL NOTES
2. NOT ALL EXISTING LIGHTING SHOWN. ONLY LIGHTING SCOPE ASSOCIATED WITH THIS PROJECT NOTED.

### NOTES BY SYMBOL 'O':

- 1 THE CONCOURSE LEVEL AREA LIGHTING WILL BE CONTROLLED BY A WIRELESS NETWORK LIGHTING CONTROL SYSTEM, BASED ON OCCUPIED TIME SCHEDULE THROUGH THE CENTRAL LIGHTING CONTROL SOFTWARE SYSTEM.
- 2 SURE-LITES #ISC-10KVA-277V-277V SINGLE PHASE INVERTER, UL 924 LISTED, 90 MIN BACKUP TIME AND (6)-20A/1P OUTPUT CIRCUIT BREAKER
- 3) THE ARENA UPLIGHTS WILL BE CONTROLLED BY A WIRELESS NETWORK LIGHTING CONTROL SYSTEM. CONTROL SWITCH WILL BE LOCATED ON GYM FLOOR AND LCD LIGHT CONTROLLER IN AV STORAGE ROOM. PATCH, REPAIR, AND PAINT WALL-MOUNTED UPLIGHT TO MATCH EXISTING.
- 4 REPLACE ANY DAMAGED CEILING GRID WITH NEW AND MATCH EXISTING COLOR/SIZE AT ALL 4'X4' FIXTURES.
- 5 PROVIDE NEW CEILING GRID AT ALL NEW 2X4 LIGHT FIXTURES IN LAY-IN CEILING ON CONCOURSE LEVEL. NEW GRID TO MATCH EXISTING. REUSE EXISTING 2X2 TILE SALVAGED FROM SOUTHEAST EXIT STAIR TO INFILL AREA NEXT TO NEW 2X4 FIXTURE.
- 6 PROVIDE NEW 2X2 CEILING TILE IN THIS AREA TO MATCH EXISTING TYPE CEILING TILE.
- 7 PATCH AND REPAIR EXISTING GYPSUM CEILING AS NEEDED TO ACCOMMODATE NEW 4'X4' LIGHT FIXTURES. PAINT GYPSUM CEILING EDGE TO EDGE TO MATCH EXISTING
- 8) UL924 0-10V LOAD EMERGENCY POWER CONTROL (COOPER LIGHTING #CEPC-2-D).

- 9 WRELESS RELAY SWITCHPACK WITH 0-10V (COOPER LIGHTING #WSP-MV-010).
- (10) WIRELESS AREA CONTROLLER POE POWERED (COOPER LIGHTING #WAC-POE).

ALTERNATE NOTES BY SYMBOL 'C': 1 UNDER ALTERNATE NO.1, PROVIDE AND INSTALL LIGHT FIXTURE TYPE 'G1' IN LIEU OF TPYE 'F1' FIXTURE. LIGHT FIXTURE TYPE 'G1' AND DMX CONTROLS SHALL BE PRICED AS ALTERNATE. 



ISSUES 01 Issue for construction 2021.03.25

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FLOORPLAN UNIT B-LVL 2 LIGHTING

JOB NO.: 2021-015 DATE: 03/25/2021 DRAWN BY: PT CHECKED BY: NPH SHEET NO.

E1.04

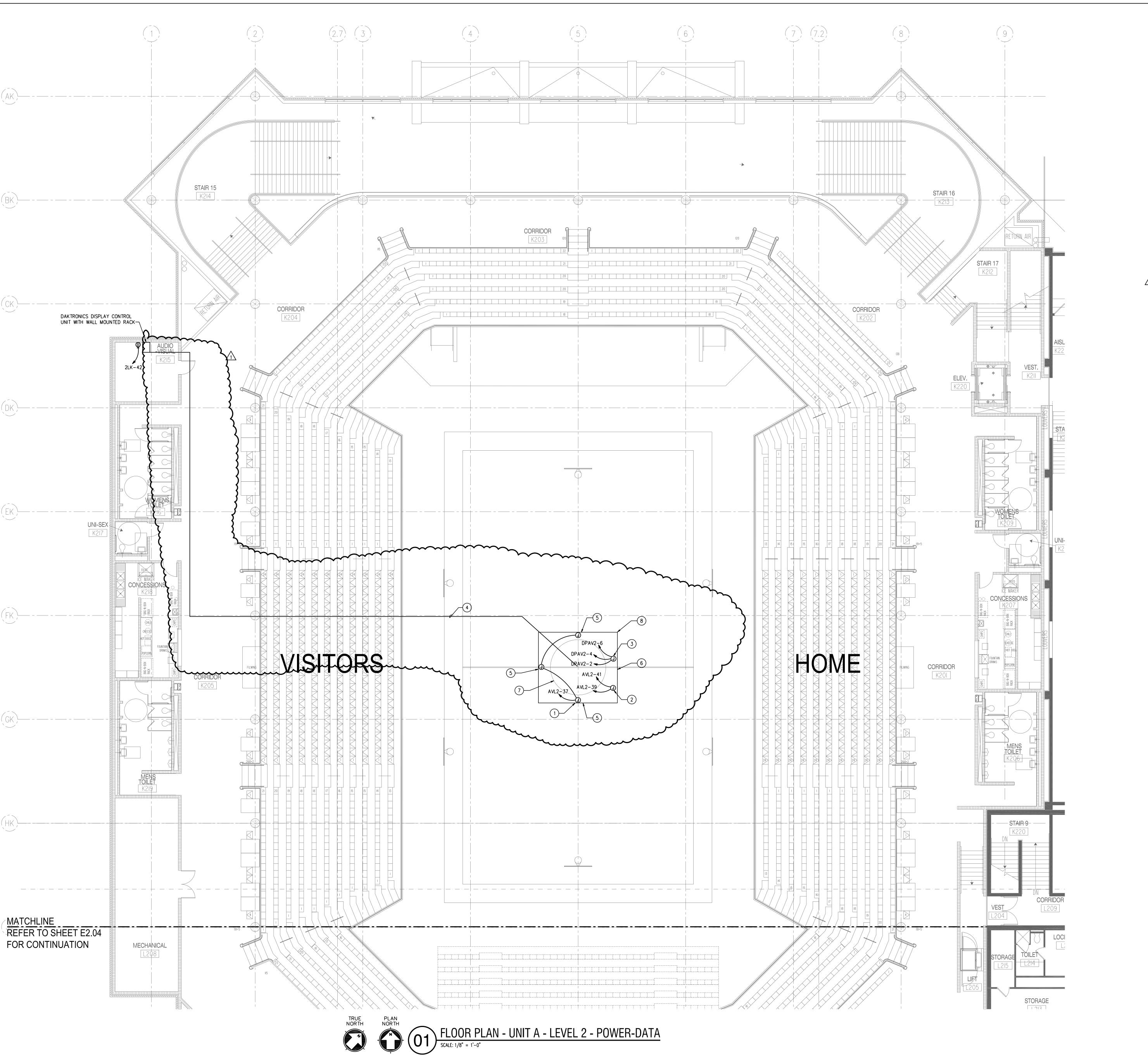
NORTH RUMAN

TRUE NORTH

PLAN NORTH

FLOOR PLAN - UNIT B - LEVEL 2 - LIGHTING

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





### NOTES BY SYMBOL 'O':

- 1) POWER FOR NEW DAKTRONICS SCOREBOARDS. REUSE EXISTING 120V, 20A CIRCUIT. COORDINATE EXACT POWER REQUIREMENT AND POWER TERMINATION WITH MANUFACTURER.
- 2 POWER FOR NEW DAKTRONICS LED RIBBON DISPLAY. REUSE EXISTING 120V, 20A CIRCUIT. COORDINATE EXACT POWER REQUIREMENTS AND POWER TERMINATION WITH MANUFACTURER.
- 3 POWER FOR NEW DAKTRONICS VIDEO DISPLAY. COORDINATE EXACT POWER REQUIREMENTS AND POWER TERMINATION WITH MANUFACTURER.
- PROVIDE (2) 2"CONDUITS WITH WITH SIX STRAND FIBER OPTIC CABLE FROM DISPLAY CONTROL UNIT TO NEW VIDEO DISPLAY LOCATED ON CENTER HUNG SCOREBOARD. ROUTE AND CONCEAL CONDUIT ABOVE STRUCTURAL BEAMS
- 5) NEW BASKETBALL SCOREBOARD WITH PLAYER STAT PANELS ON EACH END. INSTALLED ON EXISTING GONDOLA. CONTRACTOR TO PROVIDE ALL MOUNTING HARDWARE AND MAKE ANY MODIFICATIONS TO THE EXISTING GONDOLA REQUIRED FOR MOUNTING. REFER TO SPECIFICATIONS FOR ADDITIONAL SUMMARY.
- 6 NEW VIDEO DISPLAY WITH LED RIBBON, INSTALLED ON EXISTING GONDOLA. CONTRACTOR TO PROVIDE ALL MOUNTING HARDWARE AND MAKE ANY MODIFICATIONS TO THE EXISTING GONDOLA REQUIRED FOR MOUNTING. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
- (7) SCOREBOARD INSTALLER TO CAREFULLY REINSTALL EXISTING GONDOLA CANVAS COVER/PANEL BENEATH GONDOLA. PROVIDE NEW MOUNTING ATTACHMENT TO GONDOLA AS REQUIRED.
- (8) EXISTING CENTER HUNG GONDOLA FOR MOUNTING OF SCOREBOARDS AND VIDEO DISPLAY, TO REMAIN, AND TO BE RECONFIGURED FOR INSTALLATION OF THE NEW SCOREBOARDS.



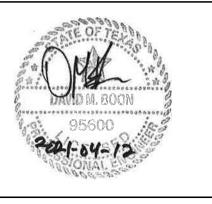
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2021.04.12



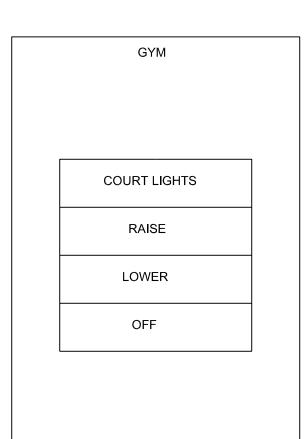


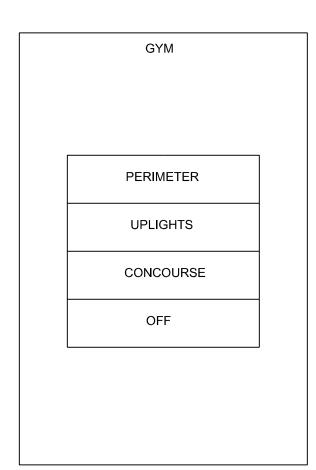


FLOORPLAN UNIT A-LVL 2 POWER-DATA JOB NO.: 2021-015 DATE: 03/25/2021 DRAWN BY: PT CHECKED BY: NPH

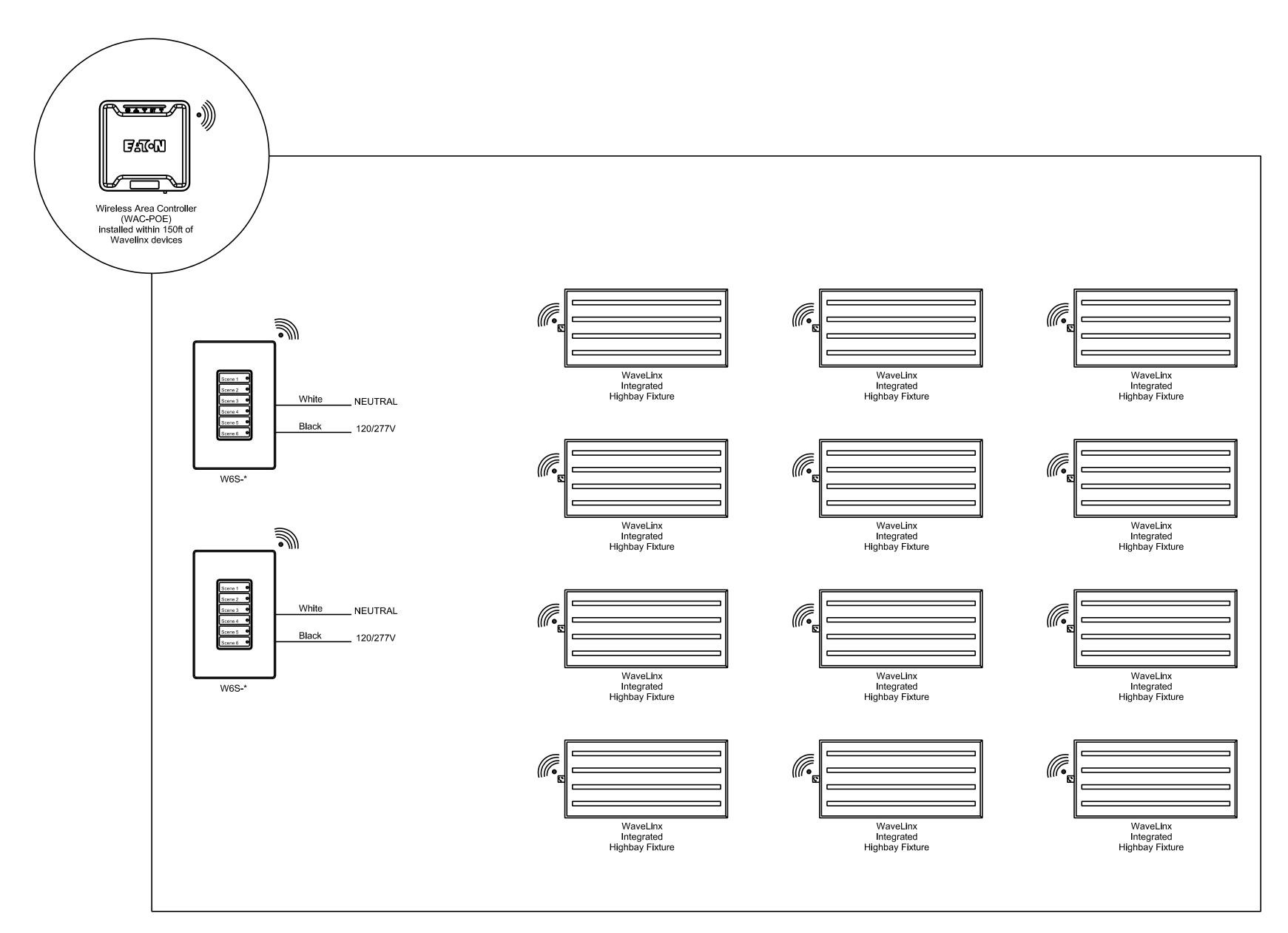
SHEET NO.

E2.03





GYM 4-BUTTON WIRELESS LIGHTING CONTROL STATION
NOT TO SCALE



GYM INTEGRATED WIRELESS LIGHTING CONTROL SYSTEM
NOT TO SCALE

## **GENERAL NOTES:**

- 1. REFER TO LIGHTING PLANS FOR LOCATIONS OF LOW VOLTAGE SWITCH LOCATIONS.
- 2. PROVIDE RAISE-LOWER CAPABILITY IN ALL SPACES WHERE 0-10V DIMMING FIXTURES ARE
- 3. INSTALL ALL COMPONENTS PER MANUFACTURERS RECOMMENDATIONS.
- 4. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.

LIGHT FIXTURE SCHEDULE										
TYPE	DESCRIPTION	VOLTAGE	LAMPS	WATTAGE		MODEL	NOTES			
A1	LED HIGH BAY LIGHT FIXTURE, FULL BODY CONSTRUCTION WITH CHANNEL AND END PLATES, WHITE ENAMEL FINISH, 0-10V DIMMING DRIVER, WIDE DISTRIBUTION LIGHT OUTPUT, INTEGRAL WAVELINX WIRELESS SENSOR, WIREGUARD	277	LED	300W	METALUX	HBLED-LD5-48SE-W-UNV-L840-2-ED-4-ZW-SWPD3-U-HBAYC CHAIN/SET-WG-HBL6-4FT-B	1,4,5,6			
B1	LED HIGH BAY LIGHT FIXTURE, FULL BODY CONSTRUCTION WITH CHANNEL AND END PLATES, WHITE ENAMEL FINISH, 0-10V DIMMING DRIVER, WIDE DISTRIBUTION LIGHT OUTPUT, INTEGRAL WAVELINX WIRELESS SENSOR, WIREGUARD	277	LED	154	METALUX	HBLED-LD5-24SE-W-UNV-L840-2-ED-4-ZW-SWPD3-U-HBAYC CHAIN/SET-WG-HBL6-4FT-B	1,4,5,6			
C1	RECESSED 4'X4' LED LIGHT FIXTURE, DIM TO 1% DIMMING DRIVER, FOR LAY-IN CEILING INSTALLATION. OWNER TO SELECT FINISH.	277	LED	364	NAL	10204.125.STD-RG-FINSH-OP-D1	2,3,4			
C2	RECESSED 4'X4' LED LIGHT FIXTURE, DIM TO 1% DIMMING DRIVER, FOR GYP BOARD CEILING INSTALLATION. FINISH TO BE SELECTED LATER.	277	LED	364	NAL	10204.125.STD-RF-FINSH-OP-D1	2,3,4			
D1	2X4 RECESSED VOLUMETRIC LED LIGHT FIXTURE, SHALLOW 3-1/4" DEEP HOUSING IS EXTRUDEDE ALUMINUM FRAME, OPTICAL GRADE ACRYLIC LENS, 0-10V DIMMING DRIVER, INTEGRAL WAVELINX WIRELESS SENSOR	277	LED	43 W	METALUX	24EN-LD2-54-UNV-L840-SR-WAA-U	3,4			
F1	LED ADJUSTABLE WALL MOUNTED LIGHT FIXTURE, ASYMMETRIC WIDE THROW LIGHT DISTRIBUTION, HEAVY WALL DIE-CAST ALUMINUM HOUSING, 18" EXTENSION ARM, DIM TO 1% 0-10V DIMMING DRIVER, INTEGRAL WAVELINX WIRELESS SENSOR	277	LED	214 W	AMETRIX	ASYX-WM-S4-ID-U-W-L40-1-UNV-W-R-STD-SWPD1	2,3,4,7			
G1	LED WALL MOUNTED ADJUSTABLE LIGHT FIXTURE, DIE-CAST ALUMINUM HOUSING, WIDE THROW DISTRIBUTION, COLOR CHANGING RGBW, DMX CONTROLS	277	LED	81 W	ACDC LTG	FUSION 48 8000-RGBW-WF-WH-66-CONFIRM	2,3,4,7			

- VERIFY MOUNTING HEIGHT AND FIXTURE SUSPENSION LENGTH WITH ENGINEER.
- OWNER TO SELECT COLOR AND FINISH.
- PROVIDE CEILING MOUNTING TYPE AS REQUIRED FOR CEILING INSTALLED.
- PROVIDE FIXTURE WITH WIRELESS NETWORK LIGHTING CONTROLLER. REFER TO SPECIFICATIONS.

  PROVIDE WITH WIRE GUARD AND SAFETY CABLE.
- PROVIDE FIXTURE WITH SAFETY CABLE TO STRUCTURE TO SUPPORT FIXTURE IN CASE OF FAILURE.

VERIEY WALL MOUNTING HEIGHT WITH ENGINEER.

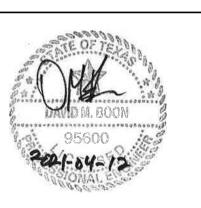
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ADDENDUM No.1







ELECTRICAL **DETAILS** 

JOB NO.: 2021-015 DATE: 03/25/2021 DRAWN BY: PT CHECKED BY: NPH

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