



**IFB ADDENDUM # 2**

**Date:** 09/09/2019

**IFB No. 20-003-20**

**Material and/or Service: Andrada Polytechnic High School Presentation Hall Building Addition**

**IFB Due Date: September 13, 2019 at 2:00 p.m., Arizona Time**

Opening Location: Vail Education Center  
Attention: Tori Gamble, Purchasing Department  
13801 E. Benson Highway, Suite B  
Vail, Arizona 85641

**Please read the following comments and change your response if applicable. Sign and include a copy of this addendum in your response. This IFB is amended as follows:**

Attached is the addendum prepared by Swaim and Associates. Addendum 2 includes, but is not limited to:

- Bid Submittal Information
- Clarification to questions regarding specifications
- Clarification to questions regarding drawings
- Drug Free Work Place Form

This is the final addendum for this solicitation.

Tori Gamble  
Procurement Analyst  
Vail Unified School District #20  
[purchasing@vailschooldistrict.org](mailto:purchasing@vailschooldistrict.org)

**Vendor hereby acknowledges receipt of an agreement with the amendment. A signed copy must be returned with the IFB response.**

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Vendor Name

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Signature

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Date

**VAIL SCHOOL DISTRICT  
ANDRADA POLYTECHNIC HIGH SCHOOL  
PRESENTATION HALL BUILDING ADDITION**

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**ADDENDUM NO: 2**

September 6, 2019

**ALL CONTRACT BIDDERS OF RECORD, OWNER & CONSULTING ENGINEERS.**

The following changes, additions or deletions are for the above referenced contract documents; all other conditions shall remain the same. Acknowledge receipt of this addendum by inserting its number in the "Bid Form". This addendum forms a part of the contract documents and modifies them as follows:

**ITEM 1** Bid Submittal Information:

- a. The electronic copy of the submittal (USB) may be submitted by 9:00am on Monday September 16, 2019. Should there be any discrepancy between the two, the hard copy shall prevail.
- b. Sub-Contractor License numbers WILL BE REQUIRED at bid submission time.
- c. Fingerprint clearance cards are required for ALL employees that will be on the school site. The Contractor must purchase these directly. There is no reimbursement for this cost. Contractors may obtain the forms through the AZDPS website or at a DPS office.
- d. Special Instruction to Offerors, Item L, Page 20. Drug Free Workplace Form is attached to this addendum and shall be included in the bid package.
- e. Subcontractors Submittal Form, Page 43, Item #2 under notes is not applicable to this project.
- f. Certificate of Insurance Form, Page 51. Submit current insurance certificate with your bid. The successful contractor will submit an updated form after award.

**ITEM 2** Specifications, Section 095113 Suspended Acoustical Tile:  
This section was omitted from the original specifications. Refer to attached specification for this product.

**ITEM 3** Specifications, Section 042000 Unit Masonry:  
Paragraph 2, G. Foam Insulation. Foam insulation is not required for this project.

- ITEM 4** Specifications, Section 071900 Anti Graffiti:  
Paragraph 3, E. Finish Schedule. The products are changed as follows:
- (1) Exterior CMU
    - a. Primer: Eff. Stop Primer ESSLOO, 1<sup>st</sup> coat.
    - b. Apply flood coat of 5 parts Rainguard Micro-seal mixed with 1 part Evershield (EVSH 10) 100% Acrylic Exterior Flat Paint. Apply (2) coats of this mixture.
    - c. Top Coat: Rainguard Vandl Top Clear Sacrificial coating
- ITEM 5** Drawings, Sheet s1.0:  
General Structural Notes, #23. This floor is an exposed concrete floor. Grinding will not be required. Contractors do not need to carry an allowance.
- ITEM 6** Drawings, Sheet a2.0, Reflected Ceiling Plan:
  - a. Keynote 9.7. The soffit ceiling opening is correct. Oversized compared to the hatch size.
  - b. The black Gymguard product by Lamtec, specified in section 072100 is only required at room 100. All other areas are foil faced at the roof deck.
- ITEM 7** Sheet e2.1, Power Plan:  
Updated sheet attached. This version supersedes the sheet issued in addendum #1.
- ITEM 8** Drawings, Sheet t2.0, IT Plan:  
Refer to AV and E sheets for proper location of projector.
- ITEM 9** Drawings, AV series sheets:
  - a. Note: This space is a flexible room that will be used for class presentations and some dance performances. The lighting and sound system components are a baseline operational system that can be expanded. Lights will be evenly distributed at installation. The school will adapt as the programs become more defined.
  - b. Utilize the Projection Screen and Projector specified on sheet AV.2
    - Screen: Draper Electric, tab tensioned, 16'W x 9'High #101391
    - Projector: Panasonic PT-RZ970BU
  - c. The (2) Subwoofer speakers shall be installed near the main speaker at the projection screen end of the room, one on each side of the screen. Please note that all speakers shall be suspended from the steel joints above the batten system.

- d. Projection Screen and Projector Mounting: The projector system is mounted to the pipe batten system, 5'-0" south of the CMU wall. The projector is also mounted to the pipe batten system.
- e. Pipe Batten Size described on sheet a2.0 keynote 10.2 shall be changed from 2" to 1½" diameter pipe.
- f. HDMI input at floor boxes. Provide (2) Hall Research UH-BT. Locations to be finalized.
- g. Video Projection Schematic. The video audio output from the HDMI matrix should be routed to the SQ-5 and to the BSS 806 for control via the BSS-EC-8bv.
- h. Microphone Stands. Sweetwater and B&H still offer the KSM210/9. An equivalent will suffice.
- i. BOM Apple iMac – Provide a 21.5" iMac 3.6GHz quad core with core i3 processor. Contractor provided.
- j. BOM Apple iPadPro – Provide a 12.9" iPadPro. Contractor provided.
- k. Theatrical light fixture Chauvet Color dash. Clarifications, provide a Color Dash Pro (PAR quad 18rgba)
- l. ACE Backstage floor boxes are approved.

END OF ADDENDUM NO. 2

**095113      SUSPENDED ACOUSTICAL CEILING**

1.    GENERAL:

- A.    Scope: Furnish all necessary materials, labor, and equipment for the complete installation of a suspended system.
- B.    Upon completion of the work, furnish owner with 20 tiles for future maintenance.
- C.    Related Section 092900 Gypsum Wallboard.
- D.    Submit samples of grid and panel material as well as manufacturer literature in accordance with Section 013000.

2.    MATERIALS:

A.    Suspension System:

- (1)    Exposed grid, Prelude XL as manufactured by Armstrong CLG Systems for 2x4 grid. Components shall have 5/16" exposed capped face and be "intermediate duty". Main beams item no. 7300 (12 feet long). Use Axiom 4" vertical trim system where noted on Drawings.

Cross Tee:            Item no. XL7342 (48")  
                              Item no. XL7328 (24")

Wall moldings:      Item no. 7800 (12 feet long)

- (2)    Color: White

- (3)    Hanger Wire: 12 gage, galvanized.

B.    Acoustical Materials:

- (1)    Lay-in panels 5/8"x24"x48" and 5/8" x 24" x 24", Cortega by Armstrong. Color: Matte white.

- (2)    Equal products by USG, Armstrong or prior approved equal.

3.    INSTALLATION:

- A.    Furnish and install all framing for suspended ceilings in accordance with manufacturer's directions.

- B. All components, fastenings, and methods shall be selected for the actual ceiling loading and the specific structural conditions. Size to prevent deflection in excess of  $1/360$ th of the span of any member.
- C. Surface shall be level and true to  $1/8$ " tolerance in 10 feet.
- D. Finished work shall be free from dirt, discoloration, defects or objectionable variation in color.
- E. Install continuous edge molding at all edges where tile intersects walls.

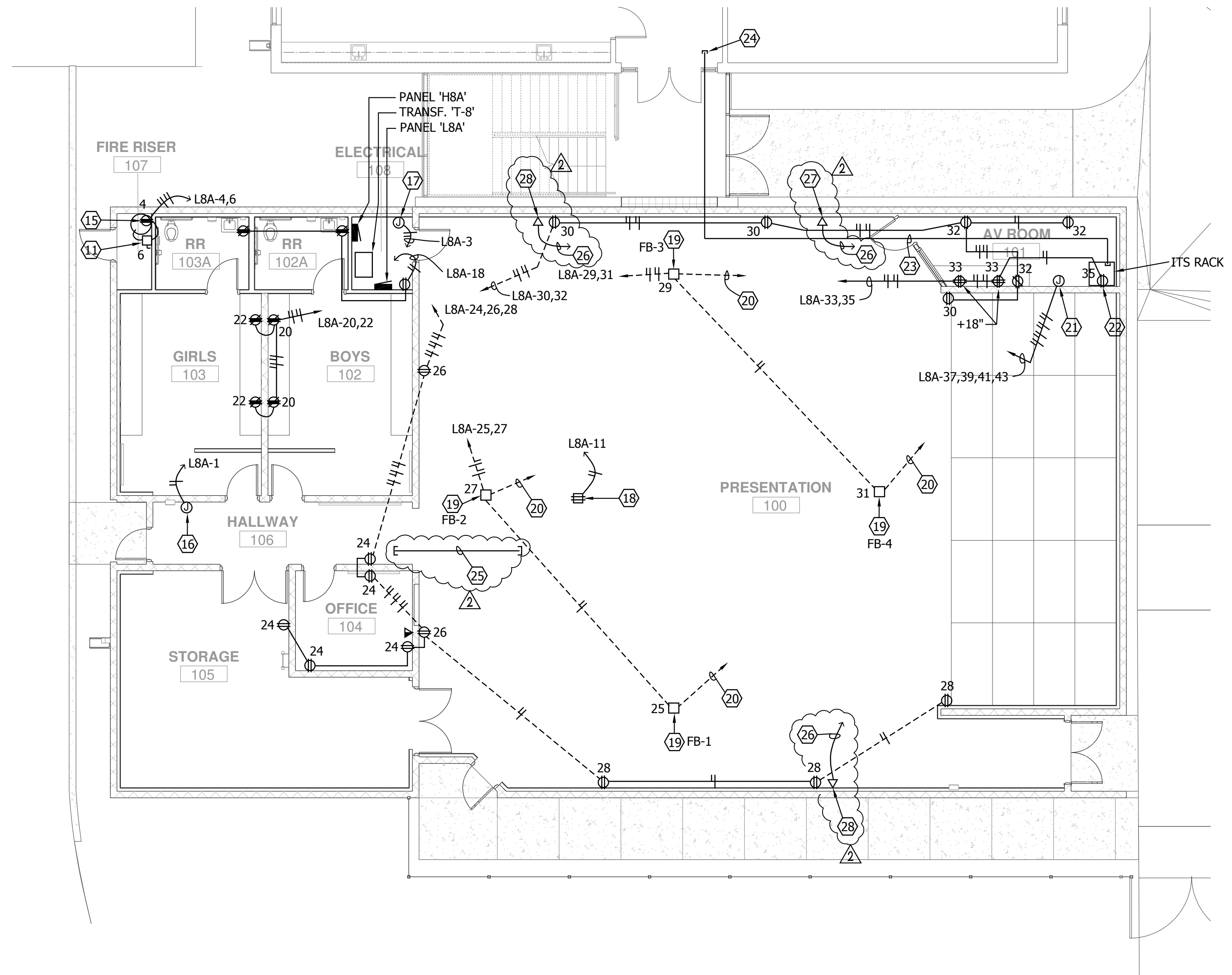
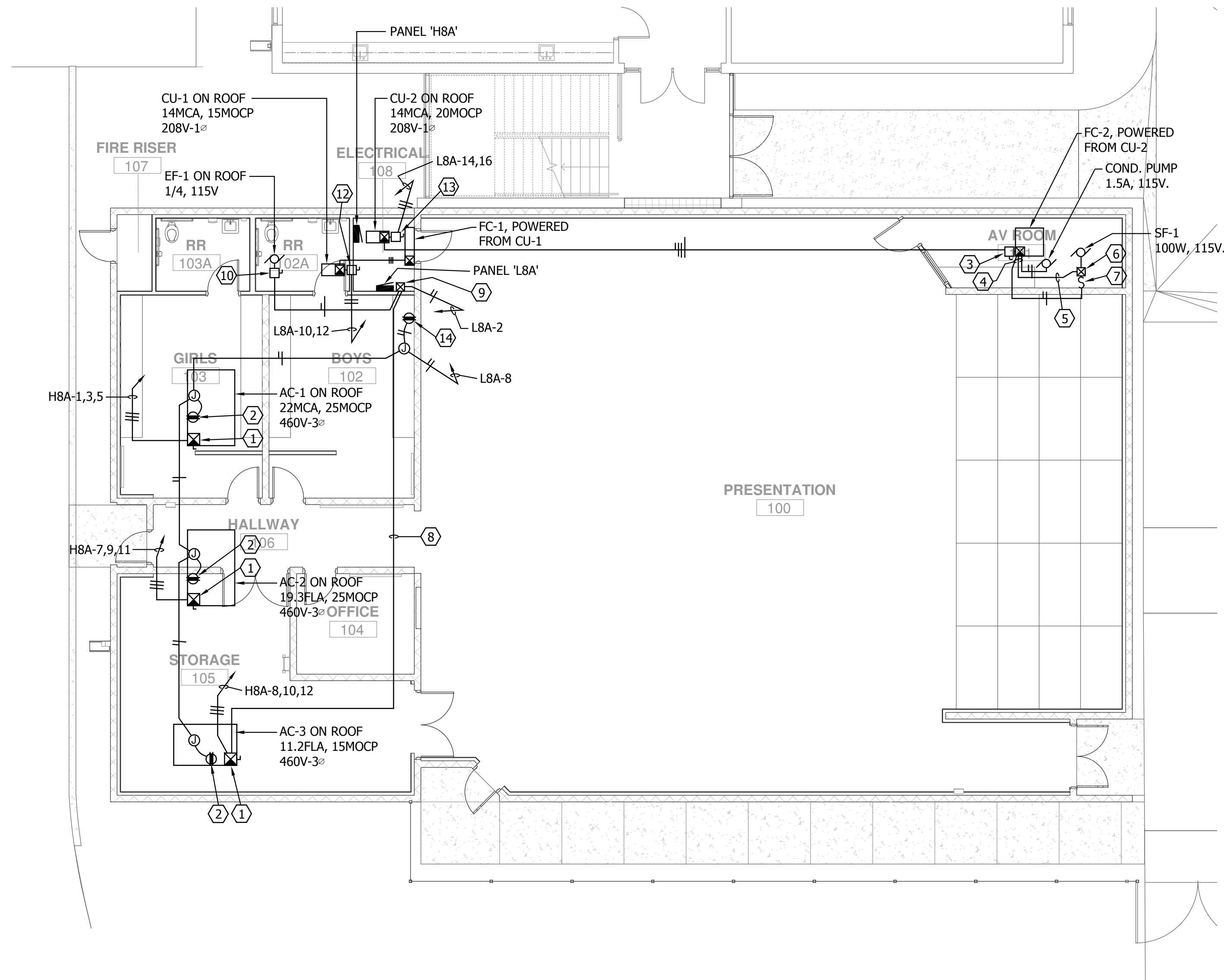
END OF SECTION

**keynotes**

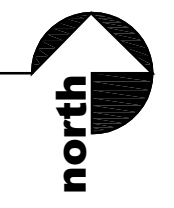
- AC UNIT SUPPLIED WITH FACTORY INSTALLED NON-FUSED DISCONNECT SWITCH. PROVIDE ALL WIRING TO UNIT UP THRU CURB - DO NOT RUN WIRING EXTERNAL TO UNIT OR PENETRATE ROOF MEMBRANE.
- WP GFCI DUPLEX RECEPTACLE FURNISHED WITH AC UNIT. RECEPTACLE IS UNWIRED BY THE AC UNIT MANUFACTURER. PROVIDE 120VAC SEPARATE SOURCE POWER AS INDICATED.
- 30/3, 240V, NON-FUSED DISCONNECT ABOVE CEILING AT FC-2 LOCATION.
- CONNECT COND. PUMP & SF-1 TO SAME ALWAYS HOT WIRING AS FC-2 ON LOAD SIDE OF DISCONNECT SWITCH.
- INTERLOCK RELAY FOR SF-2 WITH FAN MOTOR IN FC-2.
- ICE CUBE RELAY EQUAL OF SQUARE 'D' 8501-KP12-Vxx WITH 8501-NR51 SOCKET AND 9991-UE1 ENCLOSURE. MOUNT ABOVE CEILING ON WALL NEAR SF-1. VERIFY COIL VOLTAGE WITH CONTROL SIGNAL FROM FC-2.
- TOGGLE SWITCH DISCONNECT AHEAD OF RELAY FOR SF-1, LOCATE ADJACENT TO RELAY.
- INTERLOCK EF-1 WITH AC-3 CONTROLS.
- SIZE 00 NEMA 1 ENCLOSED MAG STARTER. IF NECESSARY ALSO PROVIDE A PILOT RELAY FOR INTERLOCKING EF-1 STARTER.
- WP 20A-1P TOGGLE SWITCH DISCONNECT AT MOTOR.
- 20A-1P TOGGLE SWITCH DISCONNECT & HARDWIRE CONN. TO WH-1. 1.5KW, 120V.
- WP 30/2, 240V w/FRN-R 15.
- WP 30/2, 240V w/FRN-R 20.
- WP GFCI RECEPT ABOVE ROOF (ON WALL OVER ROOF).
- HIGH ON WALL FOR HOT WATER RECIRC. PUMP. VERIFY LOCATION w/PLUMBING.

**keynotes**

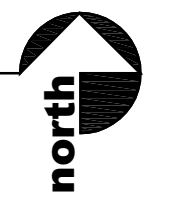
- 120VAC FOR FIRE ALARM EMERGENCY VOICE PANEL.
- 120VAC FOR FIRE ALARM BOOSTER POWER SUPPLY #8.
- AT VIDEO PROJECTOR LOCATION, COORD. w/ITS AND WITH SHEET AV-1.
- SPECIAL FLOOR BOX, REFER TO SHEET AV-001. PROVIDE (2) DUPLEX RECEPTACLES IN THE FLOOR BOX.
- (4) 1" C TO JB1 FOR CAT 6x & AUDIO CABLES, REFER TO SHEET AV-1.
- POWER TO AV RACK. (4) 20A, 120V CIRCUITS.
- FOR ITS RACK, COORD. LOCATION w/ITS.
- 2" C FOR ITS CABLING. RUN FROM CEILING SPACE IN EXISTING BUILDING TO NEW ITS RACK IN NEW ADDITION.
- STUB-OUT AT (E) ITS CABLING SUPPORTS IN (E) BUILDING ABOVE CEILING SPACE.
- STUB 2" C (EMT) FROM ACCESSIBLE CEILING SPACE OVER HALLWAY 106 TO CABLE TRAY IN PRESENTATION 100. (REFER TO AV DRAWINGS FOR CABLE TRAY).
- (1) 3/4" C TO ITS RACK.
- 1-GANG FLUSH WALL OUTLET +9"-6" AFF FOR WIRELESS ACCESS POINT. COORDINATE w/ITS.
- FLUSH BACK-BOX FOR WALL LOUDSPEAKER +8" AFF, COORDINATE w/ITS.



**1 power plan - hvac equip**  
e2.1 1/8" = 1'-0"



**2 power plan - receptacles & misc.**  
e2.1 1/8" = 1'-0"



**ENGINEERED DESIGN GROUP**  
EDG-WEST, INC.  
CONSULTING ELECTRICAL ENGINEERS  
964 N. ALVERNON WAY, TUCSON, AZ 85711  
PH: (520) 881-8896, FAX: (520) 881-6647  
Web Site: www.edg-cc.com #19w-118

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**job**  
**1817.04**

**date**  
**08.01.19**

**revisions**


**Andrada Polytechnic High School**  
**Bond Improvement Projects**  
**Presentation Hall**  
12960 S. Houghton Rd, Tucson, AZ 85747

**power plan**

**e2.1**

## DRUG FREE WORK PLACE FORM

The Offeror explicitly prohibits:

- The use, possession, solicitation for or sale of narcotics or other illegal drugs, alcohol, or prescription medication without a prescription on District premises or while performing an assignment.
- Being impaired or under the influence of legal or illegal drugs or alcohol away from the District premises, if such impairment or influence adversely affects the employee's work performance, the safety of the employee or of others, or puts at risk the District's reputation.
- Possession, use, solicitation for, or sale of legal or illegal drugs or alcohol on District premises.
- The presence of any detectable amount of prohibited substances in the employee's system while at work, while on the District premises, or while on company business. "Prohibited substances" include illegal drugs, alcohol, or prescription drugs not taken in accordance with a prescription given to the employee.

The Offeror may conduct drug and/or alcohol testing under any of the following circumstances:

- **RANDOM TESTING:** Employees may be selected at random for drug and/or alcohol testing at any interval determined by the Company.
- **FOR-CAUSE TESTING:** The Company may ask an employee to submit to a drug and/or alcohol test at any time it feels that the employee may be under the influence of drugs or alcohol, including, but not limited to, the following circumstances: evidence of drugs or alcohol on or about the employee's person or in the employee's vicinity, unusual conduct on the employee's part that suggests impairment or influence of drugs or alcohol, negative performance patterns, or excessive and unexplained absenteeism or tardiness.
- **POST-ACCIDENT TESTING:** Any employee involved in an on-the-job accident or injury under circumstances that suggest possible use or influence of drugs or alcohol in the accident or injury event may be asked to submit to a drug and/or alcohol test. "Involved in an on-the-job accident or injury" means not only the one who was or could have been injured, but also any employee who potentially contributed to the accident or injury event in any way.

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Firm

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Authorized Signature