

**ADDENDUM  
NO. 2**

**September 25, 2024**

**WHITING HIGH SCHOOL AUDITORIUM  
IMPROVEMENTS PROJECT  
Whiting, IN 46394**

**TO: ALL BIDDERS OF RECORD**

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated September 6, 2024 by Fanning Howey Associates, Inc. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 and attached Addendum No. 2 from Fanning Howey Associates, Inc. dated September 24, 2024 and consisting of 2 pages, Specification Section 09 68 16 - Sheet Carpeting and 20 drawings.

**A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS**

**1. Add:**

Specification Section 09 68 16 - Sheet Carpeting

**B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY**

**C. BID CATEGORY 03 - FLOORING**

**1. Add:**

Specification Section 09 68 16 - Sheet Carpeting

ADDENDUM NO. 2

Whiting High School – Auditorium Improvements

NHES – Water Heater Replacement

School City of Whiting  
Whiting, Indiana

Project No. 224023.01 and 224098.00

Index of Contents

Addendum No. 2, 8 items, 2 pages

New Project Manual Section: 09 68 16 – Sheet Carpeting

Revised Drawing Sheets: A1.4A, AC1.2A, AC1.3A, AF1.2A, AF1.3A, AF2.01, AF2.02, AF6.01, AQ1.2A, AQ1.3A, AQ6.01, T0.01, T1.2A, T2.2A, T2.3A, T3.01, T4.01, T5.01, T5.02 and T6.01

Date: September 24, 2024

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC.  
ARCHITECTS/ENGINEERS/CONSULTANTS



Paul A. Miller, License No. AR10800161  
Expiration Date: 12/31/2025

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2 to Drawings and Project Manual, dated September 6, 2024, for Whiting High School – Auditorium Improvements and NHES – Water Heater Replacement for School City of Whiting, 1500 Center Street, Whiting, Indiana 46394; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana. This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. ADDENDUM NO. 1

A. Item No. 6, Paragraph C: Change item 5., to read as follows:

“5. Center Armrests (Alternate): Hardwood with plastic laminate in manufacturer’s standard configuration.”

ITEM NO. 2. PROJECT MANUAL, TABLE OF CONTENTS

A. Book 2, page 00 01 10 -2, DIVISION 09: Add Section 09 68 16 – Sheet Carpeting.

ITEM NO. 3. NEW PROJECT MANUAL SECTION

A. New Project Manual Section 09 68 16 – Sheet Carpeting is included with and hereby made a part of this Addendum.

ITEM NO. 4. PROJECT MANUAL, SECTION 05 12 00 – STRUCTURAL STEEL FRAMING

A. Delete 1.6, B., and C., in their entirety.

ITEM NO. 5. PROJECT MANUAL, SECTION 06 20 23 – INTERIOR FINISH CARPENTRY

A. Add 1.1, A., 4., as follows:

“4. Reinstallation of salvaged existing wood trim components.”

ITEM NO. 6. PROJECT MANUAL, SECTION 12 61 13 – UPHOLSTERED AUDIENCE SEATING

A. Replace 2.1, A., 1., as follows:

“1. Model: Millennium 91.12.66.4.”

B. Add 2.3, G., 4., as follows:

“4. Balcony seating only: Seats shall be padded and upholstered hardwood plywood contoured supported by sturdy formed steel seat-lift arms which self rise to a 3/4-safety fold position when unoccupied. Seats shall be certified to withstand a front-of-seat 600-pound static load, laterally distributed 3 inches from the leading edge of seat. The seat shall also be certified to pass a 100,000-cycle seat oscillation test. ASTM Designation F851-87 Standard Test Method for Self-Rising Seat Mechanisms.

a. Basis of Design: No. 15 Crusader Seat by Irwin.

b. Seat shall be fabricated with ergonomic contour formed from 7-ply of 7/16 inch thick hardwood veneer.

c. Seats shall have a 2 inch thick poly cushion with tailored three-piece cover and decorative welt.

d. Self-rising seat support arms shall be constructed of deep formed steel, 12 gauge, and through-bolted to the plywood seat with seat lift via a 13 gauge extension spring.

e. Bottom of seat shall be fully upholstered to match remainder of seat.

C. Replace 2.3., J., 1., as follows:

“1. Aisle Armrests: Hardwood with plastic laminate with rounded edges and concealed mounting.”

D. Replace 2.3, J., 4., as follows:

“4. Aisle Armrests (Alternate): Hardwood with plastic laminate scrolled design to match period style aisle standard.”

ITEM NO. 7. PROJECT MANUAL, SECTION 28 31 11 – DIGITAL, ADDRESSABLE FIRE ALARM SYSTEM

A. Replace 2.1, A., 1., as follows:

“1. Simplex, a subsidiary of Johnson Controls.”

ITEM NO. 8. REVISED DRAWING SHEETS

A. Drawing Sheets A1.4A, AC1.2A, AC1.3A, AF1.2A, AF1.3A, AF2.01, AF2.02, AF6.01, AQ1.2A, AQ1.3A, AQ6.01, T0.01, T1.2A, T2.2A, T2.3A, T3.01, T4.01, T5.01, T5.02 and T6.01 have been revised, dated 9/24/24, and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM

## SECTION 09 68 16 - SHEET CARPETING

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes following:
  - 1. Carpet. (CAR)
- B. Related Sections include following:
  - 1. Division 02 Section "Selective Structure Demolition" for removing existing floor coverings.
  - 2. Division 09 Section "Moisture Resistant/Water-Proof Flooring Adhesive for Concrete Slabs".
  - 3. Division 09 Section "Resilient Base and Accessories" for resilient wall base and accessories installed with carpet.

#### 1.2 REFERENCES

- A. Carpet and Rug Institute:
  - 1. The Carpet Primer
  - 2. Carpet Installation Standard
- B. ASTM Standards
  - 1. ASTM F-1869-Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Calcium Chloride.
  - 2. ASTM F-710-Standard Practice for Preparing Concrete to Receive Resilient Flooring.
  - 3. ASTM-F-210-In-situ Relative Humidity Testing.

#### 1.3 DEFINITIONS

- A. Carpet Terminology: Refer to Carpet and Rug Institute (CRI) – "Carpet Installation Standard, Appendix."

#### 1.4 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Conduct meeting at Project site.
  - 1. Review methods and procedures related to carpet installation including, but not limited to, following:
    - a. Review delivery, storage, and handling procedures.
    - b. Review ambient conditions and ventilation procedures.
    - c. Review subfloor preparation procedures.
  - 2. Flooring product manufacturer will have a technical installation representative available at jobsite at inception of installation to insure there are no conditions which will compromise installation of material and that material is being installed according to industry standards, practices and manufacturers guidelines. Manufacturer's technical representative will document and confirm that substrate, material and installation are in compliance with manufacturer's guidelines and accepted industry standards and practices.

#### 1.5 ACTION SUBMITTALS

- A. Samples for Verification: For each of following products and for each color and texture required. Label each Sample with manufacturer's name, material description, color, pattern, and designation indicated on Drawings and in schedules.
  - 1. Carpet: 12-inch-square Sample.

## 1.6 CLOSEOUT SUBMITTALS

- A. General: Closeout Submittals are to be submitted with O and M Manuals only. Do not submit with other ACTION and INFORMATIONAL Submittals:
  - 1. Maintenance Data: For carpet to include in maintenance manuals. Include following:
    - a. Methods for maintaining carpet, including cleaning and stain-removal products and procedures and manufacturer's recommended maintenance schedule.
    - b. Precautions for cleaning materials and methods that could be detrimental to carpet.
  - 2. Warranties: Special warranties specified in this Section.
  - 3. Receipt for extra materials.

## 1.7 QUALITY ASSURANCE

- A. Manufacturers Qualifications: Carpet tile product manufacturer will have a technical installation representative available at job site at inception of installation to insure there are not conditions which will compromise installation of material and that material is being installed according to industry standards, practices and manufacturers guidelines. Manufacturer's technical representative will document and confirm that substrate, material, and installation are in compliance with manufacturer's guidelines and accepted industry standards and practices.
  - 1. Any noticed defect with product or installation system will require response of manufacturer's technical field service personnel on-site to determine cause, correction or replacement.
- B. Mockups: Build mockups to verify selections, to demonstrate, aesthetic effects, and to set quality standards for installation method including orientation of carpet and seam.
  - 1. First-in-Place: 50 sq.ft. shall serve as mockup.
  - 2. Subject to compliance with requirements, approved mockups may become part of completed work, if undisturbed at time of Substantial Completion.

## 1.8 DELIVERY, STORAGE, AND HANDLING

- A. Comply with CRI 104, Section 5, "Storage and Handling."
  - 1. Storage: Store carpet and related materials in a climate-controlled, dry space. Protect carpet from soil, dust, moisture, and other contaminants and store on a flat surface. Stacking heavy objects on top of carpet rolls or stacking more than three rolls is prohibited.
  - 2. Handling: Transport carpet in a manner that prevents damage and distortion. Bending or folding individual carpet rolls or cuts from rolls is not recommended. When bending or folding is unavoidable for delivery purposes, carpet is required to be unrolled and allowed to lie flat immediately upon arrival at installation site.

## 1.9 FIELD CONDITIONS

- A. Comply with CRI 104, Section 7.2, "Site Conditions; Temperature and Humidity" and Section 7.12, "Ventilation."
- B. Environmental Limitations: Do not install carpet until wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at levels indicated for Project when occupied for its intended use.
- C. Do not install carpet over concrete slabs until slabs have cured, are sufficiently dry to bond with adhesive, and have pH range recommended by carpet manufacturer.

## 1.10 WARRANTY

- A. Special Warranty for Carpet: Manufacturer's standard form in which manufacturer agrees to repair or replace components of carpet installation that fail in materials or workmanship within specified warranty period.

1. Warranty does not include deterioration or failure of carpet due to unusual traffic, failure of substrate, vandalism, or abuse.
2. Failures include, but are not limited to, more than 10 percent loss of face fiber, edge raveling, snags, runs, loss of tuft bind strength, excess static discharge, and delamination.
3. Warranty Period (Minimum): 20 years from date of Substantial Completion.

#### 1.11 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials described below, before installation begins, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  1. Carpet: Full-width rolls equal to 2 percent of amount installed for each type indicated, but not less than 10 sq. yd.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, following requirements apply for product selection:
  1. Manufacturers: Subject to compliance with requirements, provide product by manufacturers specified.
  2. Products: Subject to compliance with requirements, provide one of products specified.
- B. Products of other manufacturers will be considered for acceptance provided they equal or exceed material requirements and functional qualities of specified product. "Substitution Request Form" and complete technical data for evaluation must accompany requests for A/E's approval. All materials for evaluation must be received by Project Manager and Specification Department at least 10 days prior to bid due date. Additional approved manufacturers will be issued by Addendum.
  1. Where products are indicated on List of Finishes with colors selected, provide sample to verify color match with substitution request.

#### 2.2 PERFORMANCE REQUIREMENTS

- A. Fire-Test-Response Characteristics: Provide products with critical radiant flux classification indicated in Part 2, as determined by testing identical products per ASTM E 648 and NFPA 253 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.
  1. Carpeting shall have a minimum average flux of not less than 0.45 watts/sq.cm per ASTM E-648 (floor radiant panel test) requirements or NFPA 253.
  2. Critical Radiant Flux Classification: Not less than 0.45 W/sq.cm.
  3. Flooring Radiant Panel Test: Meets NFPA Class 1 when tested under ASTM E-648 glue down.
  4. Smoke Density: NBS Smoke Chamber NFPA-258, less than 450 flaming mode.

#### 2.3 CARPET (CAR)

- A. General: Refer to "List of Finishes."

#### 2.4 INSTALLATION ACCESSORIES

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet manufacturer. Material must be compatible and coordinated with concrete slab mix.

- B. Adhesives: Water-resistant, mildew-resistant, nonstaining type to suit products and high-moisture subfloor conditions indicated, that complies with flammability requirements for installed carpet and is recommended or provided by carpet manufacturer.
  - 1. Adhesives shall be approved by manufacturer for use over concrete substrates with maximum RH of 95 percent (ASTM F2170) and maximum pH of 9.
  - 2. If manufacturer does not have moisture/water resistant adhesive for the relative humidity values, provide adhesives as specified in Division 09 Section "Moisture Resistant/Water-Proof Flooring Adhesive for Concrete Slabs".
- C. Seam Adhesive: Hot-melt adhesive tape or similar product recommended by carpet manufacturer for sealing and taping seams and butting cut edges at backing to form secure seams and to prevent pile loss at seams.
- D. Metal Edge/Transition Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edge of carpet, and of maximum lengths to minimize running joints.

## 2.5 SOURCE QUALITY CONTROL

- A. Manufacturer Services: Manufacturer assures product submitted is appropriate for application and environment in which it is to be installed and that product is merchantable for service, free of visible and latent defects and will perform for purpose for which it is intended without compromise.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for maximum moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet performance.
- B. Examine carpet for type, color, pattern, and potential defects.
- C. Concrete Subfloors: Verify that concrete slabs comply with ASTM F 710 and following:
  - 1. Slab substrates are dry and free of curing compounds, sealers, hardeners, and other materials that may interfere with adhesive bond. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by carpet manufacturer.
    - a. Acceptable moisture emission rate of 3-lbs./1000 sq.ft. per 24 hours or less according to an anhydrous calcium chloride test, (ASTM F 1869) unless otherwise noted.
    - b. Moisture testing shall be performed at least 60 days in advance of flooring installation to allow sufficient drying time if levels are found to be excessive.
  - 2. Perform relative humidity test using in situ probes according to ASTM F 2170. Proceed with installation only after substrates have a maximum 95 percent relative humidity level measurement.
  - 3. Substrate shall exhibit a pH in range of 5 to 9 when wetted with potable water and tested by applying test paper. Basis-of-Design: pHydriion by Micro Essential Laboratory Inc., Brooklyn, NY.
  - 4. Subfloor finishes comply with requirements specified in Division 03 Section "Cast-in-Place Concrete" for slabs receiving carpet.
  - 5. Subfloors are free of cracks, ridges, depressions, scale, and foreign deposits.
- D. Proceed with installation only after unsatisfactory conditions have been corrected and manufacturer has approved substrate for material to be installed without compromise.

### 3.2 PREPARATION

- A. General: Comply with CRI 104, Section 7.3, "Site Conditions; Floor Preparation," and with carpet manufacturer's written installation instructions for preparing substrates.

- B. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, depressions, and protrusions in substrates. Fill or level cracks, holes and depressions 1/8 inch wide or wider, and protrusions more than 1/32 inch, unless more stringent requirements are required by manufacturer's written instructions.
- C. Remove coatings, including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by carpet manufacturer.
- D. Broom and vacuum clean substrates to be covered immediately before installing carpet.

### 3.3 CARPET INSTALLATION, GENERAL

- A. Comply with manufacturer's recommendations for seam locations and direction of carpet; maintain uniformity of carpet direction and lay or pile. At doorways, center seams under door in closed position. Do not bridge building expansion joints with continuous carpet. Carpeting in circulation areas, such as corridors and related areas, shall be installed with seams parallel to long dimension of corridor or area. Seams perpendicular to long dimension will not be permitted. When corridor width is less than width of carpet rolls, no seams will be permitted.
  - 1. Work and methods shall be in accordance with accepted best trade practice, and proposed methods shall have been successfully used on similar installation.
  - 2. Install with pattern parallel to walls and borders, unless otherwise noted.
  - 3. During installation, maintain air circulation by operating HVAC system at full capacity.
  - 4. Continue operating ventilation system at normal room temperature for up to 72 hours after installation.
- B. Provide cutouts where required, and bind cut edges where not concealed by protective edge guards or overlapping flanges.
- C. Exposed edges of floor carpeting shall be protected by a suitable vinyl edge guard. Vinyl edge shall be fastened to floor with suitable contact cement.
- D. Special care must be taken to secure tight, matched seams, continuously secure and as unnoticeable as possible after completed installation. Carefully install carpet on risers, steps, and nosing so that edges and seams are tight.
- E. Carpeting installer shall correct defects in materials or workmanship that may appear during guarantee period by repairing or replacing with new materials as directed by A/E. This shall include relaying portions of carpet or other corrective work which, in opinion of A/E, is necessary to bring installation into an acceptable condition. Work of this type required shall be done at no additional cost to Owner.

### 3.4 INSTALLATION

- A. Comply with CRI 104 and carpet manufacturer's written installation instructions for following:
  - 1. Direct-Glue-Down Installation: Comply with CRI 104, Section 9, "Direct Glue-Down Installation."
  - 2. Stair Installation: Comply with CRI 104, Section 13, "Carpet on Stairs" for glue-down installation.
- B. Comply with carpet manufacturer's written recommendations for seam locations and direction of carpet; maintain uniformity of carpet direction and lay of pile.
- C. Do not bridge building expansion joints with carpet.
- D. Cut and fit carpet to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet manufacturer.

- E. Extend carpet into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.
- G. Install pattern parallel to walls and borders to comply with CRI 104, Section 15, "Patterned Carpet Installations" and with carpet manufacturer's written recommendations.

### 3.5 CLEANING AND PROTECTING

- A. Perform following operations immediately after installing carpet:
  - 1. Remove excess adhesive, seam sealer, and other surface blemishes using cleaner recommended by carpet manufacturer.
  - 2. Remove yarns that protrude from carpet surface.
  - 3. Vacuum carpet using commercial machine with face-beater element.
- B. Protect installed carpet to comply with CRI 104, Section 16, "Protection of Indoor Installations."
- C. Protect carpet against damage from construction operations and placement of equipment and fixtures during remainder of construction period. Use protection methods indicated or recommended in writing by carpet manufacturer and carpet adhesive manufacturer.

END OF SECTION 09 68 16



# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

1751 OLIVER STREET  
WHITING, IN 46394

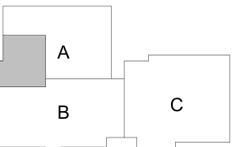
SCHOOL CITY OF WHITING



ARCHITECT



317-848-0966 WWW.FHAI.COM  
390 E NEW YORK ST., STE#300, INDIANAPOLIS, IN 46204



## KEY PLAN

## CONSTRUCTION DOCUMENTS



PROJECT MANAGER: NWW  
DRAWN BY: NWW  
PROJECT NUMBER: 224023.01  
PROJECT ISSUE DATE: 09-06-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	09-18-2024
2	ADDENDUM #2	09-24-2024

## UNIT 'A' SECOND FLOOR REFLECTED CEILING PLAN

# AC1.2A

### REFLECTED CEILING PLAN NOTES

- A. PROVIDE REVEAL DRYWALL TRIM AT ALL LOCATIONS WHERE GYPSUM WALL BOARD (GWB) ABUTS A DISSIMILAR MATERIAL. TYPICAL UNLESS NOTED OTHERWISE.
- B. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT TO THE ROOF DECK

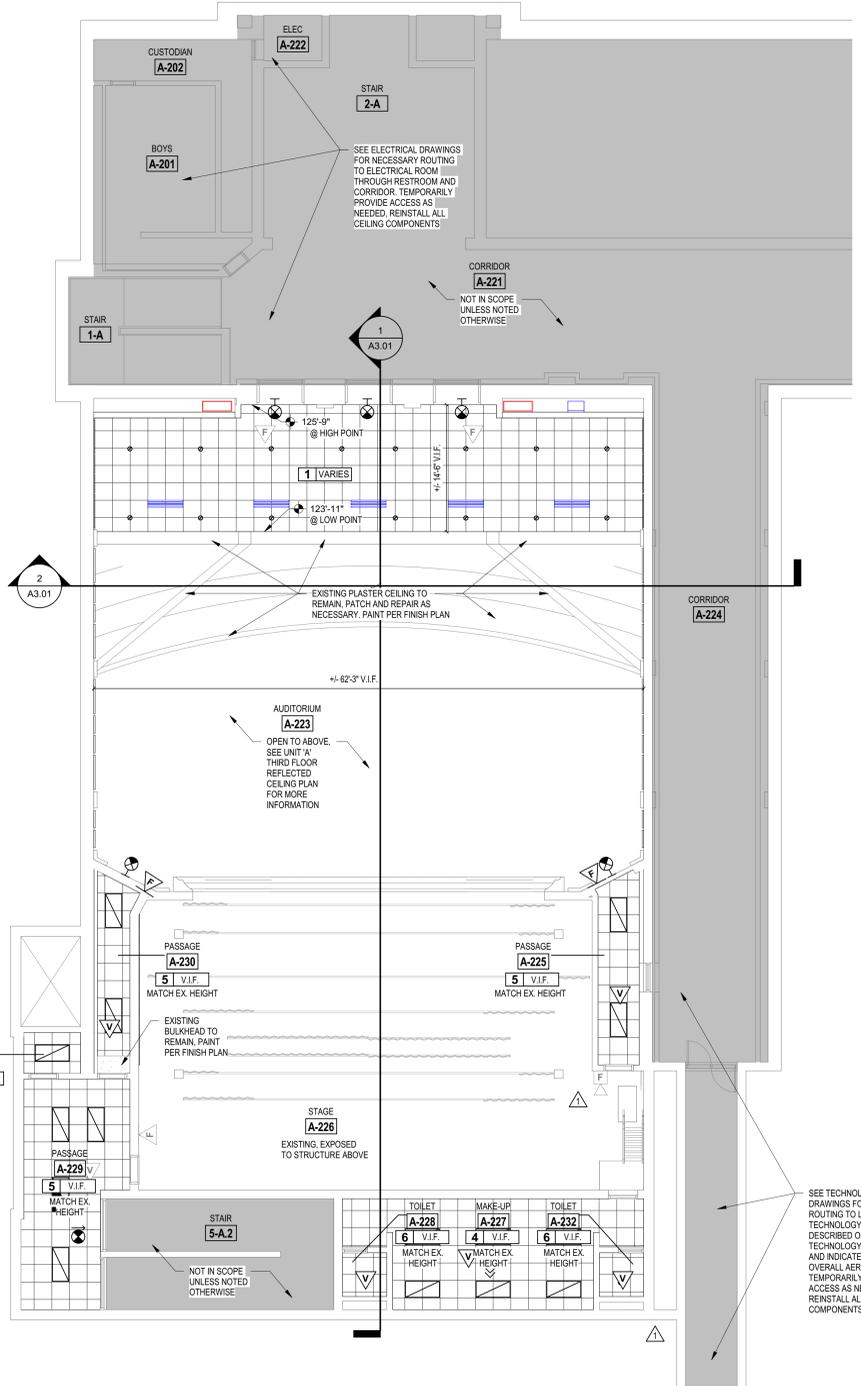
### REFLECTED CEILING PLAN LEGEND

- 10'-4" INDICATES ELEVATION HEIGHT
- XXX-XXX INDICATES CEILING HEIGHT
- X11-XX-XXX INDICATES ACOUSTIC PANEL CEILING TYPE AND HEIGHT. REFER TO PROJECT MANUAL FOR TYPE\*
- [Symbol] LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
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- [Symbol] CEILING MOUNTED EXIT LIGHT
- [Symbol] CEILING MOUNTED CAMERA
- [Symbol] WIRELESS ACCESS POINT (WAP)
- [Symbol] CONTROL JOINT IN GYPSUM BOARD CEILING OR BULKHEAD
- [Symbol] SOUND REINFORCEMENT SPEAKER
- [Symbol] FIRE ALARM HEAT DETECTOR
- [Symbol] FIRE ALARM HORN STROBE
- [Symbol] FIRE ALARM SPEAKER STROBE
- [Symbol] FIRE ALARM STROBE
- [Symbol] FIRE ALARM SMOKE DETECTOR
- [Symbol] OCCUPANCY SENSOR
- [Symbol] ACOUSTICAL CEILING TILE (ACT)
- [Symbol] ACOUSTICAL CEILING TILE (ACT)
- [Symbol] GYPSUM WALL BOARD BULKHEAD / CEILING EXTERIOR FINISH SYSTEM (E.F.S.)
- [Symbol] EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
- [Symbol] INTERIOR FINISH SYSTEM (I.F.S.)
- [Symbol] METAL SOFFIT PANELS

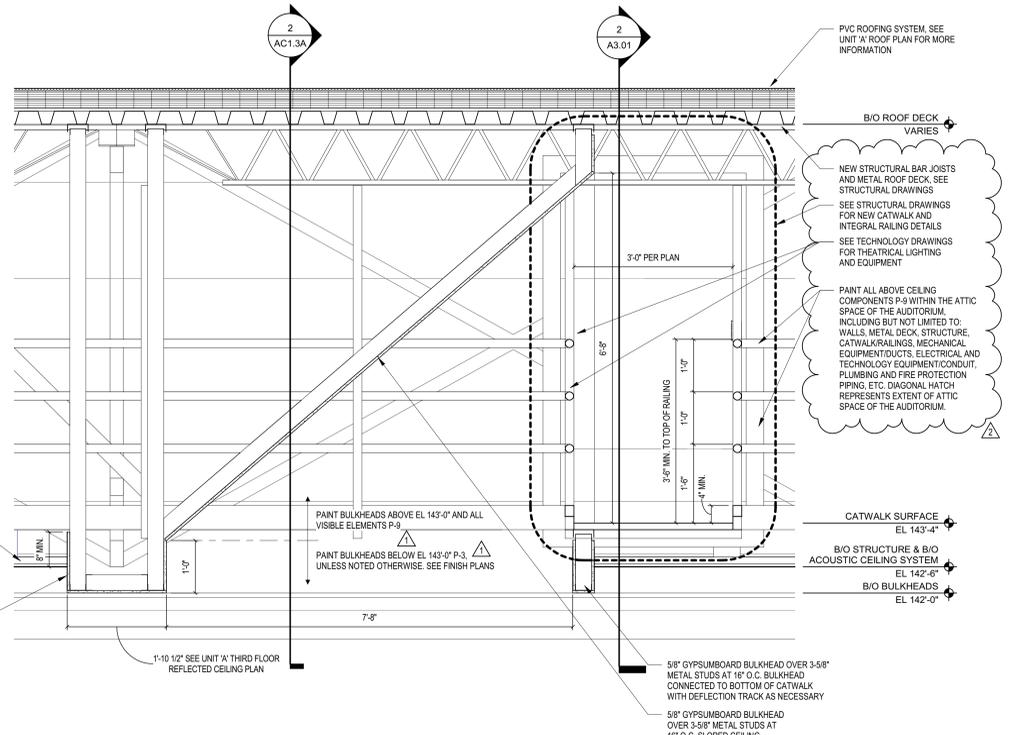
### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

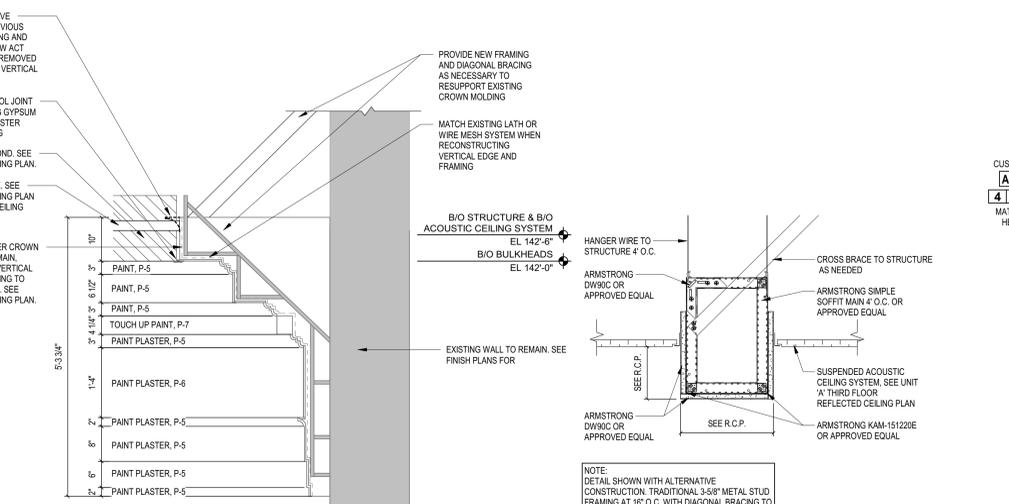
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



1 UNIT 'A' SECOND FLOOR REFLECTED CEILING PLAN SCALE: 1/8" = 1'-0"



4 THEATRICAL LIGHTING OPENING SECTION DETAIL SCALE: 3/4" = 1'-0"



3 PLASTER CROWN MOLDING DETAIL SCALE: 3/4" = 1'-0"

2 BULK HEAD DETAIL SCALE: 1 1/2" = 1'-0"

# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

1751 OLIVER STREET  
WHITING, IN 46394

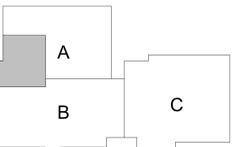
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## KEY PLAN

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DRAWN BY: NWW  
PROJECT NUMBER: 224023.01  
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## UNIT 'A' THIRD FLOOR REFLECTED CEILING PLAN

# AC1.3A

### REFLECTED CEILING PLAN NOTES

- A. PROVIDE REVEAL DRYWALL TRIM AT ALL LOCATIONS WHERE GYPSUM WALL BOARD (GWB) ABUTS A DISSIMILAR MATERIAL, TYPICAL UNLESS NOTED OTHERWISE.
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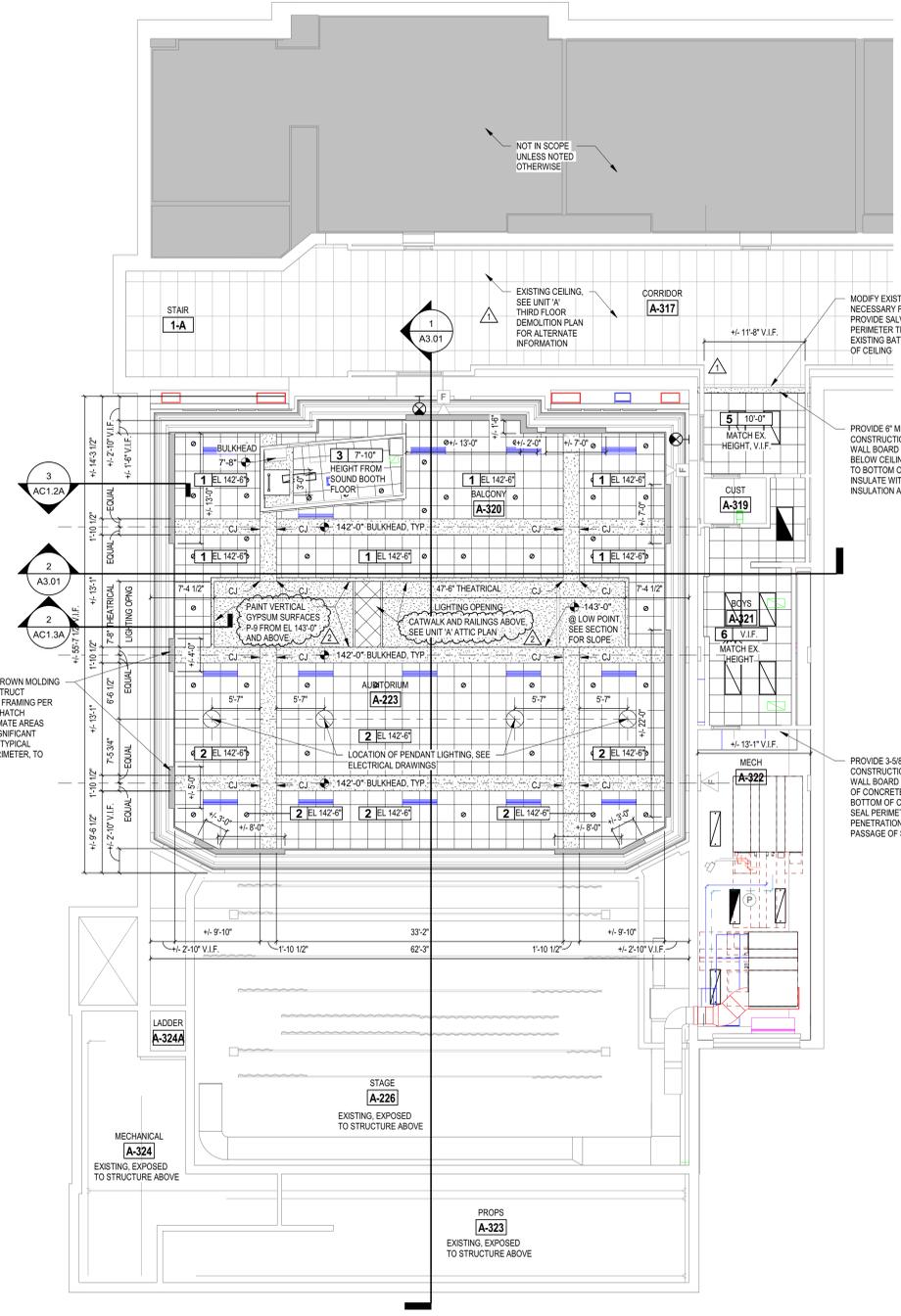
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- [Symbol] EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
- [Symbol] INTERIOR FINISH SYSTEM (I.F.S.)
- [Symbol] METAL SOFFIT PANELS

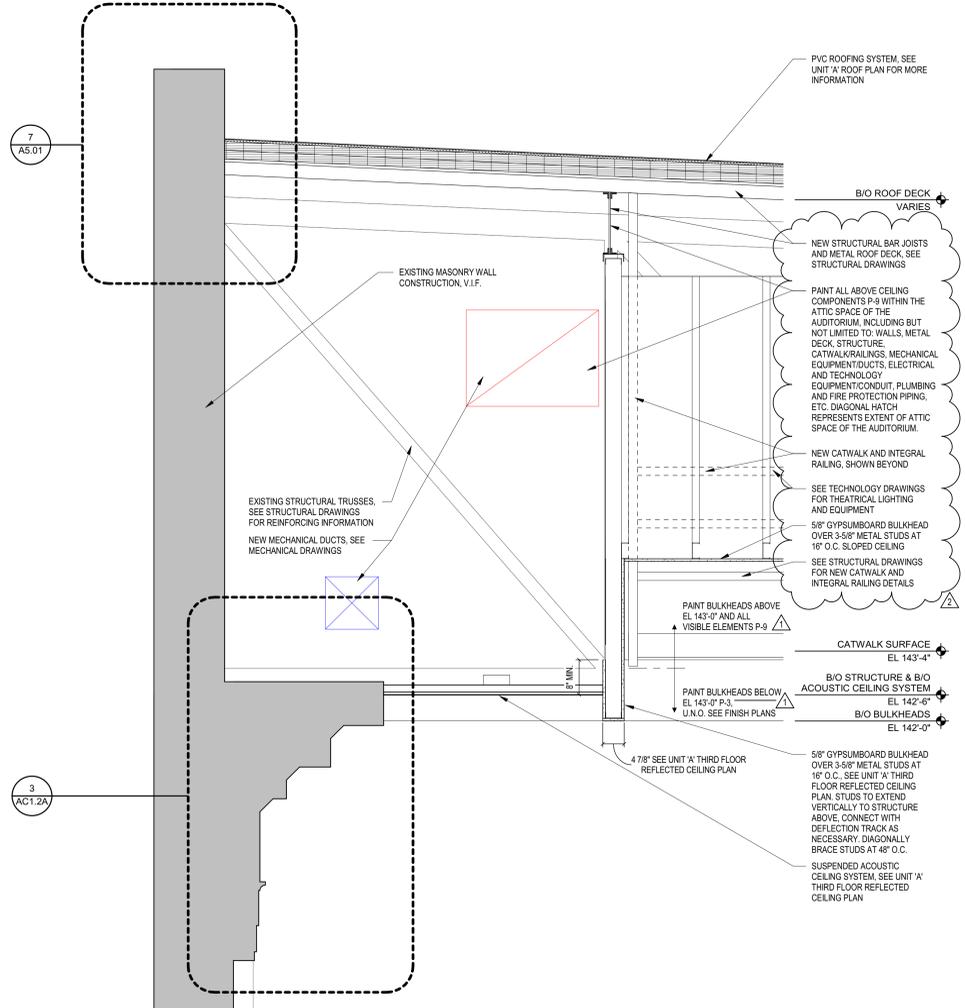
### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



**1 UNIT 'A' THIRD FLOOR REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"



**2 THEATRICAL LIGHTING OPENING SECTION DETAIL**  
SCALE: 3/4" = 1'-0"

# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

1751 OLIVER STREET  
WHITING, IN 46394

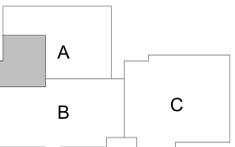
SCHOOL CITY OF WHITING



ARCHITECT



317-848-0966 WWW.FHAI.COM  
350 E NEW YORK ST. STE#800, INDIANAPOLIS, IN 46204



KEY PLAN

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: NWW  
DRAWN BY: AMI  
PROJECT NUMBER: 224023.01  
PROJECT ISSUE DATE: 09-06-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	09-18-2024
2	ADDENDUM #2	09-24-2024

UNIT 'A' SECOND FLOOR FINISH PLAN

## AF1.2A

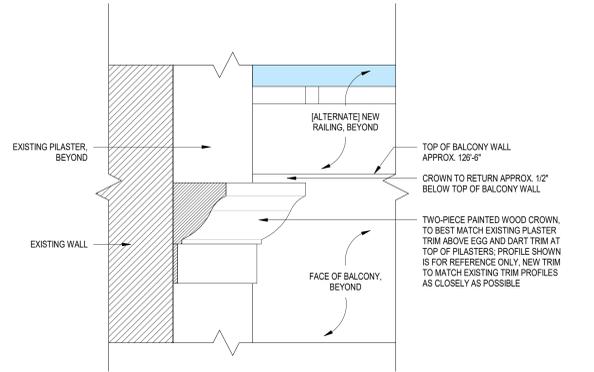
ROOM NO.	ROOM NAME	AREA (SF)
1-A	STAIR	233 SF
2-A	STAIR	531 SF
5-A.2	STAIR	157 SF
5-A.3	STAIR	157 SF
A-201	BOYS	286 SF
A-202	CUSTODIAN	140 SF
A-221	CORRIDOR	916 SF
A-222	ELEC	34 SF
A-223	AUDITORIUM	3,013 SF
A-224	CORRIDOR	841 SF
A-225	PASSAGE	102 SF
A-226	STAGE	2,206 SF
A-227	MAKE-UP	348 SF
A-228	TOILET	25 SF
A-229	PASSAGE	274 SF
A-230	PASSAGE	79 SF
A-231	CUSTODIAL	30 SF
A-232	TOILET	25 SF

### GENERAL FINISH NOTES

- SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
- REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS.
- EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDING BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
- RESILIENT TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING FLOOR FINISH.
- PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH. PAINT ALL SIDES (VERT. AND HORZ.) OF BULKHEADS/DROPT COLOR INDICATED (UNO).
- PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS, TO RESERVE NEW FINISHES.
- EXISTING PLASTER TRIM TO REMAIN, PROTECT DURING CONSTRUCTION AND PATCH WHERE INDICATED; REPAIR AS NOTED.
- EXISTING "GOLD" PAINTED PLASTER TRIM TO REMAIN, PROTECT DURING CONSTRUCTION. TOUCH UP ONLY AS REQUIRED WHERE WHITE PLASTER IS VISIBLE OR WHERE IT REQUIRES REPAIR.
- (XWF) INDICATES EXISTING WOOD PLANK FLOORING TO REMAIN, PROTECT DURING CONSTRUCTION.
- (XWDB) INDICATES EXISTING STAINED WOOD BASE TO REMAIN, PROTECT DURING CONSTRUCTION.
- (XRB) INDICATES EXISTING RESILIENT BASE TO REMAIN, PROTECT DURING CONSTRUCTION.
- (XTERR) INDICATES EXISTING TERRAZZO TO REMAIN, PROTECT DURING CONSTRUCTION.
- (XVCT) INDICATES EXISTING VINYL COMPOSITION TILE TO REMAIN, PROTECT DURING CONSTRUCTION.
- (EXST) INDICATES EXISTING FINISH TO REMAIN, PROTECT DURING CONSTRUCTION.
- REFER TO A1.4A UNIT A ATTIC PLAN FOR CATWALK INFORMATION.

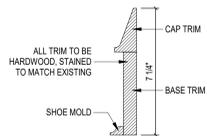
### FLOOR PATTERN/FINISH KEY NOTES

- REPAIR AND RESTORE EXISTING TERRAZZO WHERE NECESSARY FROM PREVIOUS AND CURRENT SEATING DEMOLITION.
- INSTALL VINYL WALLCOVERING, VWC-2, ON COLUMN.
- INSTALL VWC-1 ON FACE OF STAGE BELOW EXISTING WOOD TRIM.
- INSTALL VWC-1 UNDER EXISTING CHAIR RAIL TRIM, PAINT P-4 ABOVE THE CHAIR RAIL, REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
- INSTALL VWC-1 ON ALL SIDES OF INDICATED WALLS.
- PANT NEW CATWALK ACCESS LADDER AND/OR RAILINGS, P-2.
- REPAIR EXISTING METAL RAILING AND METAL STEPS, P-2.
- REPAIR EXISTING METAL SHIPS LADDER, RAILINGS, AND PLATFORM, P-2.
- NEW WOOD BASE, WDB-1, IN INDICATED LOCATION; WOOD BASE PROFILE AND STAIN TO BEST MATCH EXISTING, REFER TO DETAIL 3/A1.2A.
- REPAIR DAMAGED WOOD CHAIR RAIL TRIM - REINSTALL SALVAGED TRIM IF POSSIBLE OR MATCH WITH NEW.
- REPAIR DAMAGED PLASTER "GREEK KEY" AND SURROUNDING TRIM TO BEST MATCH EXISTING.
- INSTALL RMA-1 LIGHTED TRANSITION STRIP AT THE EDGE OF CART-1 IN EAST-WEST AISLE LOCATIONS.
- SAND AND REFINISH EXISTING WOOD FLOORING AND RE-STAIN.
- INSTALL VWC-1 UNDER EXISTING CHAIR RAIL TRIM, BOTH P-4 PAINT AND VWC-2 ABOVE THE CHAIR RAIL, NEW PAINTED. REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
- INSTALL VWC-1 UNDER EXISTING CHAIR RAIL TRIM AND VWC-2 ABOVE THE CHAIR RAIL, REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
- PANT ALL SIDES OF EXISTING PLASTER (ABOVE CHAIR RAIL), P-1. PANT ALL NEW WOOD AND EXISTING PLASTER TRIM P-5, EXCEPT FOR EXISTING GOLD TRIM, REFER TO 4/A1.2A FOR NEW WOOD TRIM DETAIL.
- REPAIR EXISTING "ACANTHUS LEAF" PLASTER TRIM WHERE DAMAGED; UP TO 7" ABOVE STAGE FLOOR, TOUCH UP EXISTING GOLD PAINT TO BEST MATCH WHERE PLASTER WAS REPAIRED AND AT ALL LOCATIONS ON PROSCENIUM WHERE WHITE PLASTER IS VISIBLE. PAINT "WHITE" PORTION OF EXISTING PROSCENIUM SURROUND, P-5. REFER TO ELEVATION FOR ADDITIONAL INFORMATION.
- INDICATES EDGE OF BALCONY, ABOVE.
- INDICATES STARTING POINT OF LEVEL FLOOR PLANE TO ACCOMMODATE ADA ACCESS OF STAGE AND SEATING AREA, REFER TO A1.2A FOR ADDITIONAL INFORMATION.
- INSTALL SALVAGED BASE TRIM AS REQUIRED FOR NEW FLOOR SLAB.
- NO FINISH WORK IN THIS ROOM.
- INSTALL CART-1 ON AISLE STEPS AND ALL EXPOSED SIDES; RSA-1 NOSING AT STEPS AND TRANSITION TRIM WHERE CARPET MEETS EXISTING TERRAZZO, REFER TO DETAIL 2/A1.3A.
- REFER TO ENLARGED PLAN 2/A1.2A FOR FLOORING & NOSING DETAILS IN THIS AREA.
- PANT BALCONY FACE AND BOTTOM OF BALCONY, P-3.
- INSTALL RMA-2 UNLT TRANSITION STRIP AT THE EDGE OF CART-1 IN NORTH-SOUTH LOCATIONS.
- REPAIR EXISTING METAL HANDRAIL, STRINGER, AND RISERS, P-2, IN STAIR TO THIRD FLOOR ONLY.
- REINSTALL SALVAGED CHAIR RAIL AND BASE TRIM; INSTALL VWC-1 UNDER CHAIR RAIL AND P-4 PAINT ABOVE THE CHAIR RAIL.
- REINSTALL SALVAGED CHAIR RAIL AND BASE TRIM; INSTALL NEW CONTINUOUS PLASTER TRIM TO MATCH EXISTING, REFER TO ELEVATIONS. INSTALL VWC-1 UNDER CHAIR RAIL AND PAINT P-4 ABOVE THE CHAIR RAIL.
- (BASE BID) EXISTING ACT CEILING AND GRID TO REMAIN BEYOND NEW BULKHEAD, REFER TO ACT 3A (ALTERNATE) NO NEW ACT IN EXTENTS NOTED ON AD1.3A, NEW ACT TO BE SUPPLIED IN FUTURE PROJECT.



### 4 PAINTED WOOD TRIM DETAIL

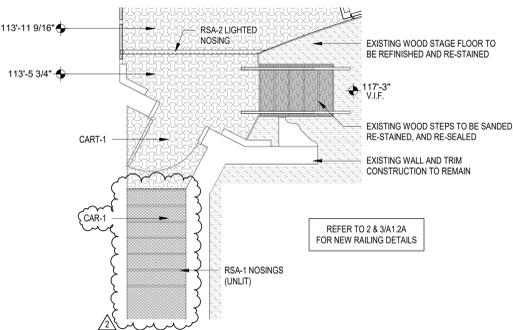
SCALE: 3" = 1'-0"



NOTE: PROFILES SHOWN ARE FOR REFERENCE ONLY - NEW TRIM TO BE MILED TO MATCH EXISTING TRIM AS CLOSELY AS POSSIBLE

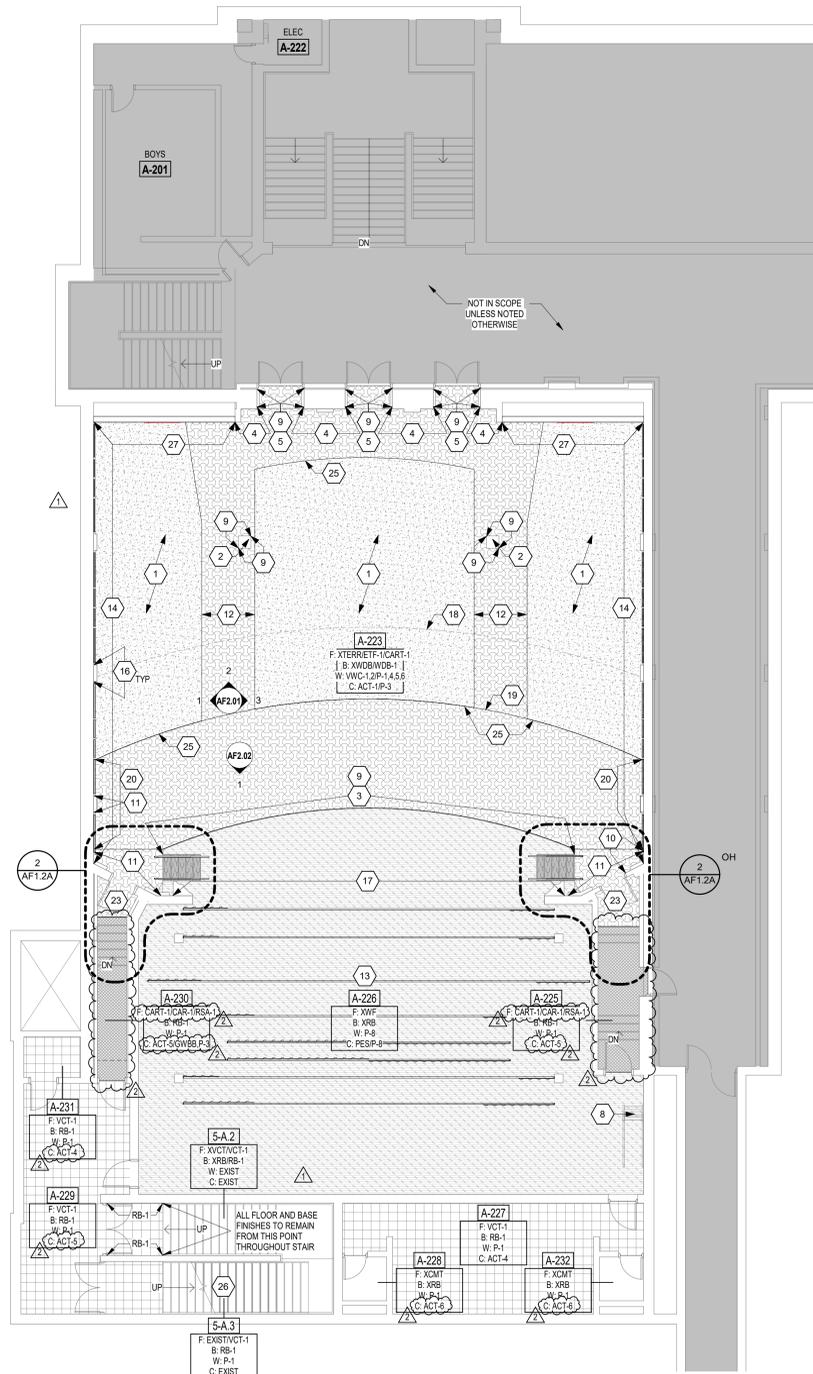
### 3 WOOD BASE DETAIL

SCALE: 3" = 1'-0"



### 2 AUDITORIUM STEP DETAIL

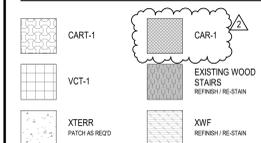
SCALE: 1/4" = 1'-0"



### 1 UNIT 'A' SECOND FLOOR FINISH PLAN

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

### FLOOR PATTERN LEGEND



### VERIFICATION NOTE

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SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

1751 OLIVER STREET  
WHITING, IN 46394

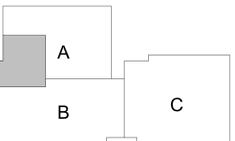
SCHOOL CITY OF WHITING



ARCHITECT



317-848-0966 WWW.FHAI.COM  
350 E NEW YORK ST. STE#300, INDIANAPOLIS, IN 46204



KEY PLAN

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: NWW  
PROJECT NUMBER: 224023.01  
PROJECT ISSUE DATE: 09-06-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	09-18-2024
2	ADDENDUM #2	09-24-2024

UNIT 'A' THIRD FLOOR FINISH PLAN

## AF1.3A

ROOM NO.	ROOM NAME	AREA (SF)
1-A	STAIR	233 SF
5-A.3	STAIR	157 SF
A-223	AUDITORIUM	3,013 SF
A-228	STAGE	2,206 SF
A-301	STORAGE	95 SF
A-302	ART	11,913 SF
A-303	CLASSROOM	727 SF
A-304	CLASSROOM	669 SF
A-317	CORRIDOR	2,626 SF
A-319	CUST	38 SF
A-320	BALCONY	1,486 SF
A-321	BOYS	245 SF
A-322	MECH	473 SF
A-323	PROPS	556 SF
A-324	MECHANICAL	395 SF
A-324A	LADDER	19 SF
A-324B	LIGHTS	71 SF
A-325	SOUND BOOTH	108 SF

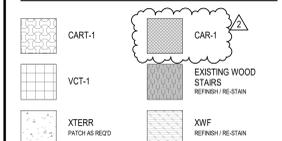
### GENERAL FINISH NOTES

- SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
- REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND CLOCKS.
- EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDING BUT NOT LIMITED TO THERMOSTATS, AND FIRE EXTINGUISHER CABINETS (UNO).
- RESILIENT TRANSITION STRIP BETWEEN NEW FLOOR FINISH AND EXISTING FLOOR FINISH.
- PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH. PAINT ALL SIDES (VERT. AND HORZ.) OF BULKHEADS/SPIT COLOR INDICATED (UNO).
- PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS, TO REFINISH NEW FINISHES.
- EXISTING PLASTER TRIM TO REMAIN, PROTECT DURING CONSTRUCTION AND PATCH WHERE INDICATED; REPAIR AS NOTED.
- EXISTING "GOLD" PAINTED PLASTER TRIM TO REMAIN, PROTECT DURING CONSTRUCTION. TOUCH UP ONLY AS REQUIRED WHERE WHITE PLASTER IS VISIBLE OR WHERE IT REQUIRES REPAIR.
- (XWF) INDICATES EXISTING WOOD PLANK FLOORING TO REMAIN, PROTECT DURING CONSTRUCTION.
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- (XRB) INDICATES EXISTING RESILIENT BASE TO REMAIN, PROTECT DURING CONSTRUCTION.
- (XTERR) INDICATES EXISTING TERRAZZO TO REMAIN, PROTECT DURING CONSTRUCTION.
- (XVCT) INDICATES EXISTING VINYL COMPOSITION TILE TO REMAIN, PROTECT DURING CONSTRUCTION.
- (EXST) INDICATES EXISTING FINISH TO REMAIN, PROTECT DURING CONSTRUCTION.
- REFER TO A1.4A UNIT A ATTIC PLAN FOR CATWALK INFORMATION.

### FLOOR PATTERN/FINISH KEY NOTES

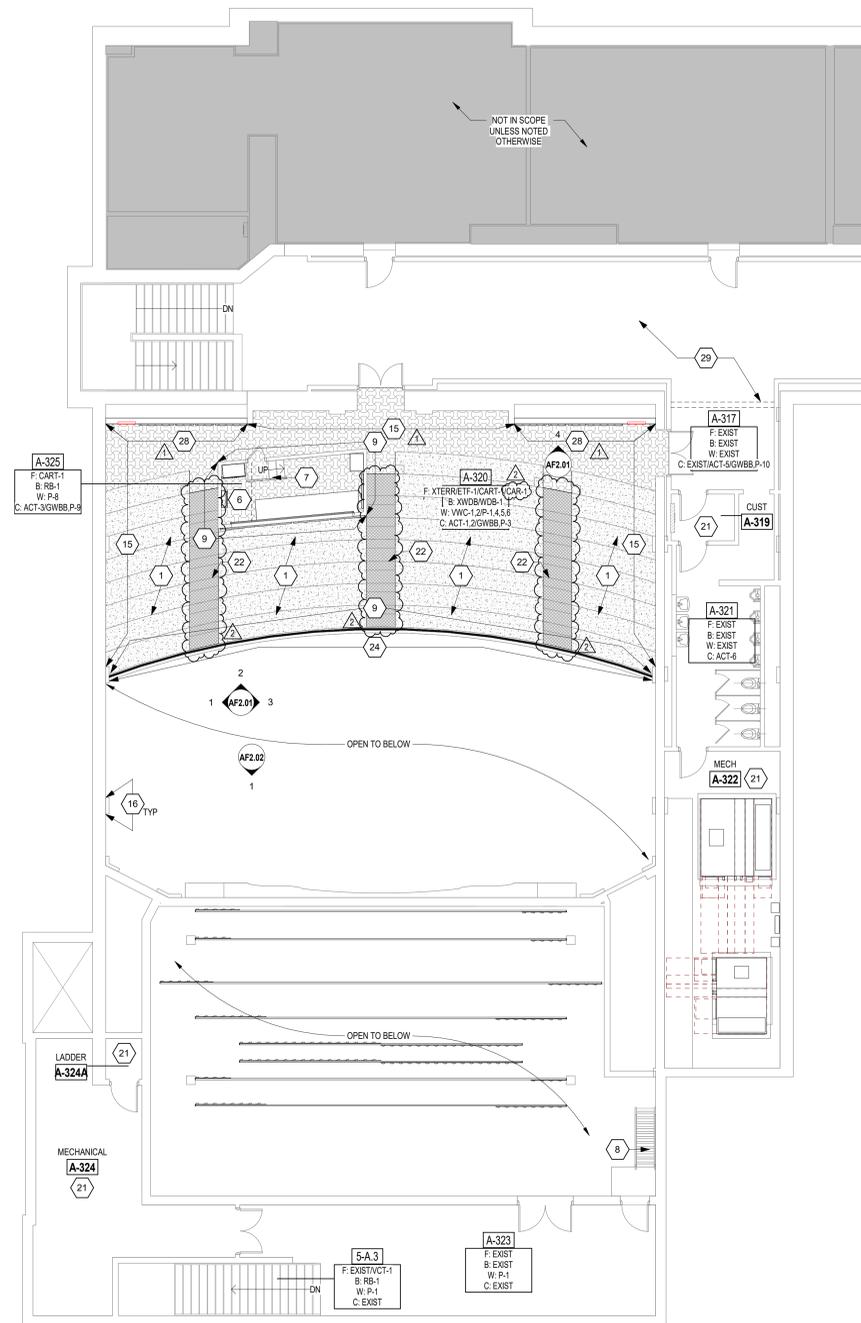
- REPAIR AND RESTORE EXISTING TERRAZZO WHERE NECESSARY FROM PREVIOUS AND CURRENT SEATING DEMOLITION.
- INSTALL VINYL WALLCOVERING, VWC-2, ON COLUMN.
- INSTALL VWC-1 ON FACE OF STAGE BELOW EXISTING WOOD TRIM.
- INSTALL VWC-1 UNDER EXISTING CHAIR RAIL TRIM, PAINT P-4 ABOVE THE CHAIR RAIL, REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
- INSTALL VWC-1 ON ALL SIDES OF INDICATED WALLS.
- PAINT NEW CATWALK ACCESS LADDER AND/OR RAILINGS, P-2.
- REPAINT EXISTING METAL RAILINGS AND METAL STEPS, P-2.
- REPAINT EXISTING METAL SHIPS LADDER, RAILINGS, AND PLATFORM, P-2.
- NEW WOOD BASE, WDB-1, IN INDICATED LOCATION; WOOD BASE PROFILE AND STAIN TO BEST MATCH EXISTING, REFER TO DETAIL 3AF1.2A.
- REPAIR DAMAGED WOOD CHAIR RAIL TRIM - REINSTALL SALVAGED TRIM IF POSSIBLE OR MATCH WITH NEW.
- REPAIR DAMAGED PLASTER "GREEK KEY" AND SURROUNDING TRIM TO BEST MATCH EXISTING.
- INSTALL RMA-1 LIGHTED TRANSITION STRIP AT THE EDGE OF CARPET IN EAST-WEST AISLE LOCATIONS.
- SAND AND REFINISH EXISTING WOOD FLOORING AND RE-STAIN.
- INSTALL VWC-1 UNDER EXISTING CHAIR RAIL TRIM, BOTH P-4 PAINT AND VWC-2 ABOVE THE CHAIR RAIL, NEW PAINTED WOOD TRIM AND ACOUSTICAL PANELS INCLUDED ON THIS WALL, REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
- INSTALL VWC-1 UNDER EXISTING CHAIR RAIL TRIM AND VWC-2 ABOVE THE CHAIR RAIL, REFER TO ELEVATIONS FOR ADDITIONAL INFORMATION.
- PAINT ALL SIDES OF EXISTING PLASTER (ABOVE CHAIR RAIL), P-1. PAINT ALL NEW WOOD AND EXISTING PLASTER TRIM P-5, EXCEPT FOR EXISTING GOLD TRIM, REFER TO 4AF1.2A FOR NEW WOOD TRIM DETAIL.
- REPAIR EXISTING "ACANTHUS LEAF" PLASTER TRIM WHERE DAMAGED; UP TO 7" ABOVE STAGE FLOOR, TOUCH UP EXISTING GOLD PAINT TO BEST MATCH WHERE PLASTER WAS REPAIRED AND AT ALL LOCATIONS ON PROSCENIUM WHERE WHITE PLASTER IS VISIBLE, PAINT "WHITE" PORTION OF EXISTING PROSCENIUM SURROUND, P-5. REFER TO ELEVATION FOR ADDITIONAL INFORMATION.
- INDICATES EDGE OF BALCONY, ABOVE.
- INDICATES STARTING POINT OF LEVEL FLOOR PLANE TO ACCOMMODATE ADA ACCESS OF STAGE AND SEATING AREA, REFER TO A1.2A FOR ADDITIONAL INFORMATION.
- INSTALL SALVAGED BASE TRIM AS REQUIRED FOR NEW FLOORING.
- NO FINISH WORK IN THIS ROOM.
- INSTALL CAR-1 ON AISLE STEPS AND ALL EXPOSED SIDES; RSA-1 NOSING AT STEPS AND TRANSITION TRIM WHERE CARPET MEETS EXISTING TERRAZZO, REFER TO DETAIL 2AF1.3A.
- REFER TO ENLARGED PLAN 3AF1.2A FOR FLOORING & NOSING DETAILS IN THIS AREA.
- PAINT BALCONY FACE AND BOTTOM OF BALCONY, P-3.
- INSTALL RMA-2 LIGHT TRANSITION STRIP AT THE EDGE OF CARPET IN NORTH-SOUTH LOCATIONS.
- REPAINT EXISTING METAL HANDRAIL, STRINGER, AND RISERS, P-2, IN STAIR TO THIRD FLOOR ONLY.
- REINSTALL SALVAGED CHAIR RAIL AND BASE TRIM; INSTALL VWC-1 UNDER CHAIR RAIL AND P-4 PAINT ABOVE THE CHAIR RAIL.
- REINSTALL SALVAGED CHAIR RAIL AND BASE TRIM; INSTALL NEW CONTINUOUS PLASTER TRIM TO MATCH EXISTING, REFER TO ELEVATIONS. INSTALL VWC-1 UNDER CHAIR RAIL AND PAINT P-4 ABOVE THE CHAIR RAIL.
- (BASE BID) EXISTING ACT CEILING AND GRID TO REMAIN BEYOND NEW BULKHEAD, REFER TO ACT.3A. (ALTERNATE) NO NEW ACT IN EXTENTS NOTED ON AD1.3A, NEW ACT TO BE SUPPLIED IN FUTURE PROJECT.

### FLOOR PATTERN LEGEND

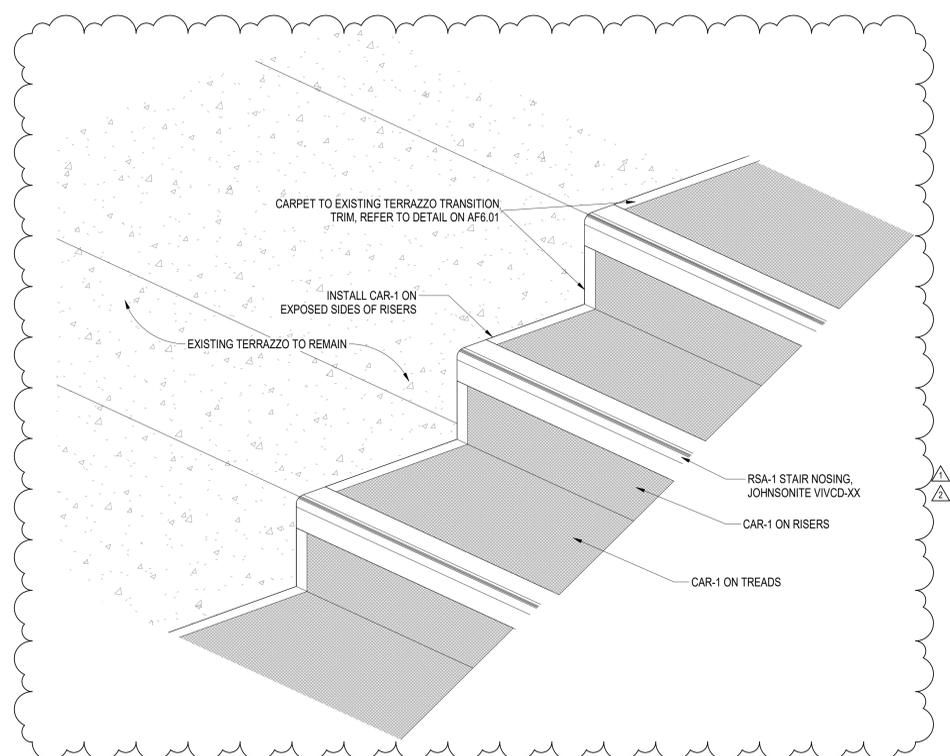


### VERIFICATION NOTE

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SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



1 UNIT 'A' THIRD FLOOR FINISH PLAN  
SCALE: 1/8" = 1'-0"



2 BALCONY STAIR DETAIL  
N.T.S.



# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

1751 OLIVER STREET  
WHITING, IN 46394

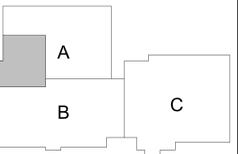
SCHOOL CITY OF WHITING



ARCHITECT



317-848-0966 WWW.FHAI.COM  
350 E NEW YORK ST, STE#300, INDIANAPOLIS, IN 46204



KEY PLAN

CONSTRUCTION DOCUMENTS

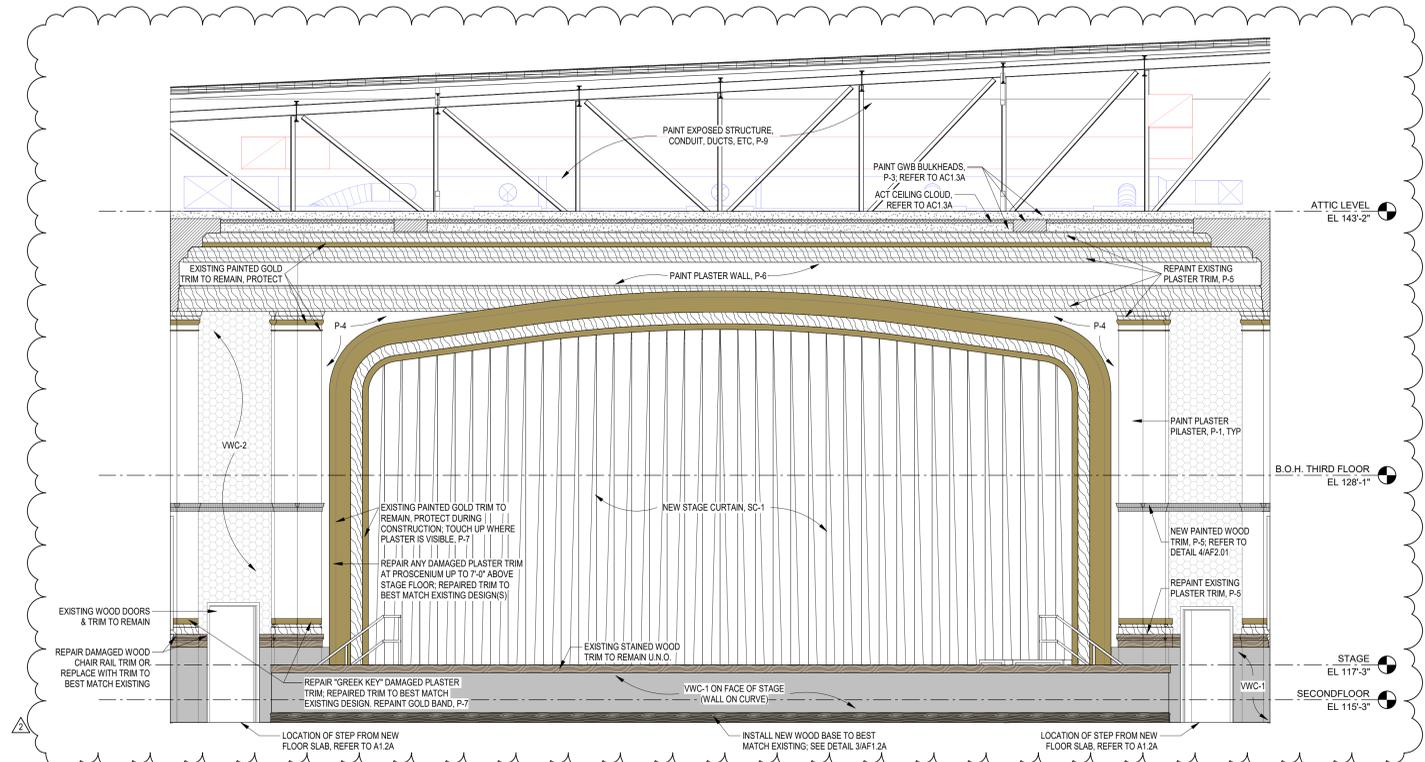


PROJECT MANAGER: NWW  
DRAWN BY: AML  
PROJECT NUMBER: 224023.01  
PROJECT ISSUE DATE: 09-06-2024

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM #2	09.24.2024

**VERIFICATION NOTE**  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.  
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

INTERIOR ELEVATIONS  
**AF2.02**



**1 INTERIOR ELEVATION - WEST**  
SCALE: 1/4" = 1'-0"





# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

1751 OLIVER STREET  
WHITING, IN 46394

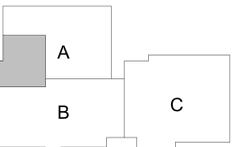
SCHOOL CITY OF WHITING



ARCHITECT



317-848-0966 WWW.FHAI.COM  
390 E NEW YORK ST. STE#300, INDIANAPOLIS, IN 46204



KEY PLAN

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: NWW  
DRAWN BY: AML  
PROJECT NUMBER: 224023.01  
PROJECT ISSUE DATE: 09-06-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #1	09-18-2024
2	ADDENDUM #2	09-24-2024

UNIT 'A' THIRD FLOOR EQUIPMENT PLAN

## AQ1.3A

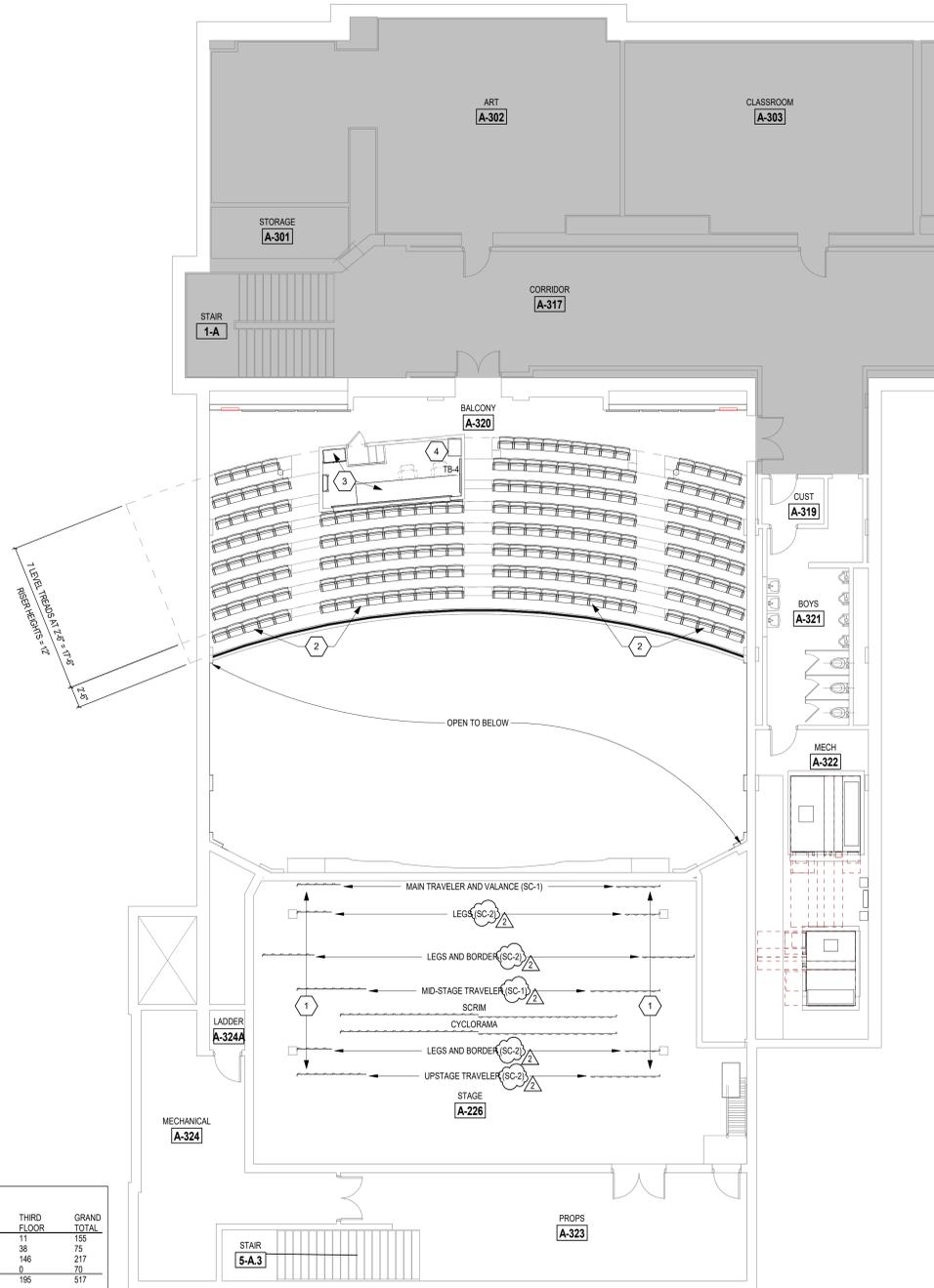
ROOM NO.	ROOM NAME	AREA (SF)
1-A	STAIR	233 SF
5-A.3	STAIR	157 SF
A-223	AUDITORIUM	3,013 SF
A-226	STAGE	2,206 SF
A-227	Room	89 SF
A-301	STORAGE	86 SF
A-302	ART	1,013 SF
A-303	CLASSROOM	727 SF
A-304	CLASSROOM	669 SF
A-317	CORRIDOR	2,626 SF
A-319	CUST	38 SF
A-320	BALCONY	1,490 SF
A-321	BOYS	245 SF
A-322	MECH	473 SF
A-323	PROPS	556 SF
A-324	MECHANICAL	395 SF
A-324A	LADDER	19 SF
A-324B	LIGHTS	71 SF
A-325	SOUND BOOTH	106 SF

### EQUIPMENT GENERAL NOTES

- ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.
- HIDDEN LINES (---) INDICATE ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES (- - -) INDICATE OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- TB1 INDICATES 4" HIGH TRACK BOARD LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND COUNTER TO FACE OF WALL OR ADJACENT TALL CABINET. ALL CASEWORK DOORS AND DRAWERS SHALL BE LOCKABLE.
- ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE FINISHED.
- CASEWORK INSTALLER SHALL CUT CASEWORK AS REQUIRED FOR PLUMBING/ELECTRICAL LINES.
- CASEWORK INSTALLER SHALL CAULK BETWEEN COUNTERTOPS, BACKSPASHES, AND WALLS.
- ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF. UNLESS OTHERWISE NOTED. REFER TO LIST OF FINISHES FOR COLOR SELECTIONS.

### EQUIPMENT NOTES

- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- NEW STAGE RIGGING AND CURTAINS, INCLUDING BUT NOT LIMITED TO: MAIN TRAVELER/VALANCE, LEGS, BORDERS, MID-STAGE TRAVELER, SCRIM, CYCLOPAMA, UPSTAGE TRAVELER. SEE UNIT 'A' SECOND FLOOR EQUIPMENT PLAN FOR LOCATIONS OF EACH. VERIFY EXISTING STAGE RIGGING AND CURTAINS PRIOR TO DEMOLITION AS THIS IS A DIRECT 1:1 REPLACEMENT. PROVIDE DIMENSIONED SUBMITTALS AND SHOP DRAWINGS FOR NEW STAGE RIGGING AND CURTAINS, INCLUDING BATTENS, SUSPENSIONS FOR STRUCTURE ABOVE. INSTALL NEW BATTENS, SUSPENSIONS, ROPE, MECHANICALS, AND COUNTERWEIGHTS UNDER THE SUPERVISION OF A QUALIFIED RIGGING SUPPLIER WITH THE ABILITY TO PE STAMP SUBMITTALS AND SUPERVISE THE INSTALLATION. RIGGING SUPPLIER IS WENGER OR APPROVED EQUAL.
  - NEW UPHOLSTERED AUDITORIUM SEATING. REFER TO AQ6.01 AND SPECIFICATIONS FOR ADDITIONAL DETAILS.
  - NEW PL-1 PLASTIC LAMINATE CASEWORK & PL-2 COUNTERTOP IN THIS ROOM. REFER TO DETAIL 2/1A.3A FOR ADDITIONAL INFORMATION.
  - EQUIPMENT RACK. REFER TO TECHNOLOGY DRAWINGS.



CHAIR SUMMARY TOTALS:

FLOOR MOUNT	SECOND FLOOR	THIRD FLOOR	GRAND TOTAL
20" CHAIRS	144	11	155
21" CHAIRS	37	38	75
22" CHAIRS	71	146	217
23" CHAIRS	70	0	70
	322	196	517

## 1 UNIT 'A' THIRD FLOOR EQUIPMENT PLAN

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

VERIFICATION NOTE  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.  
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

**LIST OF FINISHES**

**EQUIPMENT MATERIALS**

**AUDITORIUM SEATING - SECOND FLOOR (LOWER LEVEL)**

**BASIS OF DESIGN** REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

IRWIN SEATING - MILLENNIUM 91 12 66.4, THREE-QUARTER FOLD CHAIR  
 INCLUDE ROUNDED BACK, TUFTED UPHOLSTERY, ROUNDED LAMINATE END PANEL AND ARM CAP, POLYMER INTERMEDIATE ARM CAPS  
 SEAT TO BE "NO. 12 UNIVERSAL" SEAT WITH UPHOLSTERED FOAM CUSHION AND POLY ON BOTTOM  
 INCLUDE PLATES WITH ASLE AND SEAT NUMBERS  
 [ALTERNATE] INCLUDE "FULTON" CAST ALUMINUM END PANELS AND INTERMEDIATE WOOD ARM CAPS

UPHOLSTERY: GRADE 5, TO BE SELECTED  
 POLY: STANDARD COLOR, TO BE SELECTED  
 [BASE BID] LAMINATE END PANELS & ASLE ARM CAPS: FORMICA NATURAL WALNUT 5782-NG  
 [ALTERNATE] CAST ALUMINUM END PANELS: STANDARD PAINT COLOR, TO BE SELECTED WITH STANDARD METALLIC GOLD HIGHLIGHT

**AUDITORIUM SEATING - THIRD FLOOR (BALCONY LEVEL)**

**BASIS OF DESIGN** REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

IRWIN SEATING - MILLENNIUM 91 15 66.4, FULL FOLD CHAIR  
 INCLUDE ROUNDED BACK, TUFTED UPHOLSTERY, ROUNDED LAMINATE END PANEL AND ARM CAP, POLYMER INTERMEDIATE ARM CAPS  
 SEAT TO BE "NO. 15 CRUSADER" SHORTENED SEAT WITH UPHOLSTERED FOAM CUSHION AND STAINED VENEER ON BOTTOM  
 INCLUDE PLATES WITH ASLE AND SEAT NUMBERS  
 [ALTERNATE] INCLUDE "FULTON" CAST ALUMINUM END PANELS AND INTERMEDIATE WOOD ARM CAPS

UPHOLSTERY: GRADE 5, TO BE SELECTED  
 BOTTOM VENEER: BEST MATCH TO END PANEL LAMINATE  
 POLY: STANDARD COLOR, TO BE SELECTED  
 [BASE BID] LAMINATE END PANELS & ASLE ARM CAPS: FORMICA NATURAL WALNUT 5782-NG  
 [ALTERNATE] CAST ALUMINUM END PANELS: STANDARD PAINT COLOR, TO BE SELECTED WITH STANDARD METALLIC GOLD HIGHLIGHT

**HP PLASTIC LAMINATE**

MATERIAL ABBREVIATION	MATERIAL MANUFACTURER	COLOR SELECTION
PL-1	WILSONART / FORMICA / NEVAMAR	STANDARD, TO BE SELECTED
PL-2	WILSONART / FORMICA / NEVAMAR	STANDARD, TO BE SELECTED

**STAGE CURTAIN**

MATERIAL ABBREVIATION	MATERIAL MANUFACTURER	COLOR SELECTION
SC-1	KM FABRICS / CHARISMA	TO BE SELECTED
SC-2	KM FABRICS / ENCORE	TO BE SELECTED (BLACK)
• REFER TO SPECIFICATIONS FOR MORE INFORMATION ON CURTAIN LOCATIONS/TYPES		

**TACKBOARD**

MATERIAL ABBREVIATION	MATERIAL MANUFACTURER	COLOR SELECTION
TB	REFER TO SPECIFICATIONS	STANDARD, TO BE SELECTED

**EQUIPMENT MATERIAL/FINISH GEN. NOTES**

- A. COLOR SELECTION OF ALL FINISHES FOR INTERIOR ARCHITECTURAL WOODWORK/CUSTOM CASEWORK ITEMS ARE NOTED ON CASEWORK ELEVATIONS AND DETAIL DRAWINGS.
- B. EDUCATION CASEWORK FINISHES ARE AS FOLLOWS (UNLESS OTHERWISE NOTED):
  - COUNTERTOPS AND WORKSURFACES ARE TO BE PL-2 UNLESS OTHERWISE NOTED.
  - CABINET VERTICAL SURFACES ARE TO BE PL-1, UNLESS OTHERWISE NOTED.
  - INTERIOR MELAMINE TO BE WHITE.
  - 3MM AND 1MM PVC EDGES ON CASEWORK ARE TO MATCH PL-1. COLOR SELECTION TO BE DETERMINED.
  - HANDLES TO BE BRUSHED CHROME.
  - HINGES TO BE BRUSHED CHROME.
  - GROMMETS COLOR SELECTION TO BE DETERMINED.
  - TECHNOLOGY CABINET VENT COLOR TO BE DETERMINED.

**WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS**

1751 OLIVER STREET  
 WHITING, IN 46394

SCHOOL CITY OF WHITING



ARCHITECT



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 390 E NEW YORK ST, STE#800, INDIANAPOLIS, IN 46204



CONSTRUCTION DOCUMENTS

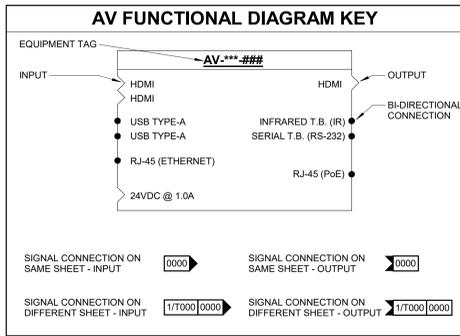
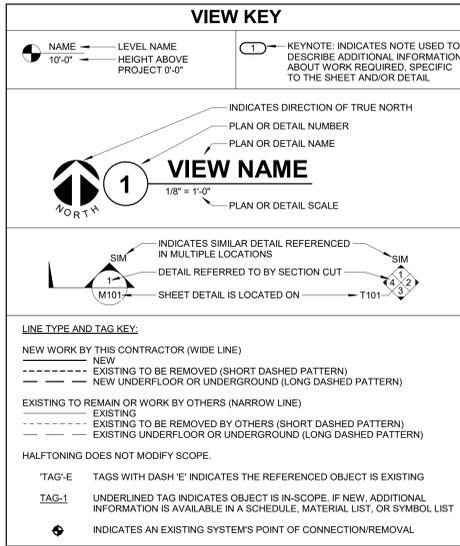


PROJECT MANAGER: NWW  
 DRAWN BY: AML  
 PROJECT NUMBER: 224023.01  
 PROJECT ISSUE DATE: 09-06-2024

REV. NO.	DESCRIPTION	DATE
2	ADDENDUM #2	09.24.2024

LIST OF EQUIPMENT FINISHES AND DETAILS

**AQ6.01**



### APPLICABLE CODES

CONTRACTOR SHALL COMPLY WITH APPLICABLE CODES AND LOCAL AMENDMENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

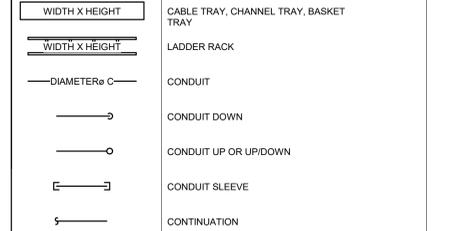
BUILDING CODE:	IBC 20" EDITION UBC 20"
FIRE CODE:	IFC 20" EDITION -OR- NFPA 1 20" EDITION
PLUMBING CODE:	IPC 20" EDITION UPC 20"
MECHANICAL CODE:	IMC 20" EDITION UMC 20"
ELECTRICAL CODE:	NFPA 70 (NEC) 20" EDITION
LIFE SAFETY CODE:	NFPA 101 20" EDITION
ENERGY CONSERVATION CODE:	IECC 20" ASHRAE 90.1 20"
HEALTH DEPARTMENT CODE:	CURRENT EDITION
LOCAL BUILDING CODE:	CURRENT EDITION

### CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIOVISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
N.C.C.	NURSE CALL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR

### TECHNOLOGY SYMBOL LIST

SYMBOL:	EQUIPMENT LIST ABBREVIATION:	DESCRIPTION:	NOTE:
AV-ANE	AV-ANE	AV ANTENNA EXISTING (WALL)	4.5.
AV-MP#-CS	AV-MP#-CS	AV MICROPHONE (CEILING)	4.5.
AV-SP#-C	AV-SP#-C	AV PERFORMANCE SPEAKER (CEILING)	4.5.
N/A	N/A	AV PERFORMANCE SPEAKER EXISTING (CEILING)	4.
AV-SP#-W	AV-SP#-W	AV PERFORMANCE SPEAKER (WALL)	4.5.
AV-SW#-CS	AV-SW#-CS	AV SUBWOOFER (CEILING/SURFACE)	4.5.
AV-###-W	AV-###-W	AV WALLPLATE/BACKBOX (WALL)	4.5.
PA-#H-W	PA-#H-W	FACILITY PAGING HORN (WALL)	5.
N/A	N/A	FACILITY PAGING HORN EXISTING (WALL)	
VS-CM#	VS-CM#	VIDEO SURVEILLANCE CAMERA SINGLE LENS FOV (CEILING/HORIZONTAL SURFACE)	2.5.
VS-CM#	VS-CM#	VIDEO SURVEILLANCE CAMERA SINGLE LENS FOV (WALL/VERTICAL SURFACE)	2.5.
N/A	N/A	VIDEO SURVEILLANCE CAMERA SINGLE LENS FOV EXISTING (CEILING)	2.
N/A	N/A	VIDEO SURVEILLANCE CAMERA SINGLE LENS FOV EXISTING (WALL)	2.
AV-#B-AV#	AV-#B-AV#	AV DEVICE IN FLOOR BOX/POKE THROUGH	3.
SC-IO-W	SC-IO-W	INFORMATION OUTLET (WALL)	1.
N/A	N/A	INFORMATION OUTLET (WALL) EXISTING	
WAP	WAP	WIRELESS ACCESS POINT WITH ENCLOSURE (CEILING) EXISTING	



- ### GENERAL NOTES:
- ALL SYMBOLS AND ABBREVIATIONS LISTED MAY NOT BE APPLICABLE TO THIS PROJECT. REFER TO THE TECHNOLOGY EQUIPMENT SCHEDULE FOR MORE COMPLETE DESCRIPTION AND ITEMS.
  - ALL SYMBOLS AND ABBREVIATIONS REFER TO TECHNOLOGY SHEETS ONLY AS DEFINED ON THE SHEET INDEX. REFER TO THE GENERAL TECHNOLOGY NOTES FOR ADDITIONAL INFORMATION.
  - ALL SYMBOLS LISTED ABOVE ARE FOR REFERENCE ONLY. REFER TO PLANS AND LINE TYPE KEY FOR NEW, EXISTING TO REMAIN AND TO BE REMOVED ITEMS FOR ADDITIONAL INFORMATION.
  - REFER TO RISERS ON SHEET(S): T5.01, T5.02.

- ### TECHNOLOGY SYMBOL NOTES:
- "CI" INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION. REFER TO INFORMATION OUTLET SCHEDULE ON T6.01 FOR ADDITIONAL INFORMATION.
  - "CM#" ON FLOOR PLANS INDICATES CAMERA TYPE AND IS ASSOCIATED WITH THE CORRESPONDING "VS-CM#" EQUIPMENT SCHEDULE ABBREVIATION.
  - AV INSTALLED IN E.C. PROVIDED FLOOR BOX. "AV#" INDICATES AV TYPE CONFIGURATION. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE ON T6.01 FOR ADDITIONAL INFORMATION. REFER TO THE ELECTRICAL FLOOR PLANS FOR ADDITIONAL INFORMATION ON FLOOR BOX.
  - REFER TO LINE TYPE KEY FOR NEW, EXISTING TO REMAIN, OR DEMO LINE TYPE.
  - SYMBOL SUBSCRIPT INDICATES DEVICE TYPE. REFER TO TECHNOLOGY EQUIPMENT SCHEDULE T6.01 FOR ADDITIONAL INFORMATION.

### TECHNOLOGY ABBREVIATION KEY

ABBR:	DESCRIPTION:
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BFC	BELOW FINISHED CEILING
C	CONDUIT
DE	DELAYED EGRESS
DPDT	DOUBLE POLE DOUBLE THROW
FOV	FIELD OF VIEW
J-BOX	JUNCTION BOX
POE	POWER OVER ETHERNET
PTZ	PAN TILT ZOOM
SIM	SIMILAR
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
+#	MOUNTING HEIGHT ABOVE FINISHED FLOOR
TR-#	TELECOMMUNICATIONS ROOM

### SUGGESTED MATRIX OF RESPONSIBILITY

ITEM:	SHOWN ON:	FURNISHED BY:	INSTALLED BY:	NOTES:
TECHNOLOGY ROUGH-IN, REFER TO TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR DEFINITION	T-SERIES	E.C.	E.C.	3.4.
INFORMATION OUTLET FACEPLATES, JACKS, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
CONDUIT SLEEVES (WHEN SHOWN ON DRAWINGS)	T-SERIES	E.C.	E.C.	
CONDUIT SLEEVES (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	T.C.	2.4.
TELECOMMUNICATION SYSTEMS ROUGH-IN	T-SERIES	E.C.	E.C.	1.
TELECOMMUNICATION EQUIPMENT, CABLING, AND TERMINATIONS	T-SERIES	T.C.	T.C.	
LADDER RACK	T-SERIES	T.C.	T.C.	5.
GROUNDING LUGS ON TECHNOLOGY EQUIPMENT	T-SERIES	E.C.	E.C.	6.
BONDING SYSTEM FOR TECHNOLOGY SYSTEM. REFER TO SPECIFICATION SECTION 27 05 28 FOR DEFINITION	T-SERIES	E.C.	E.C.	7.8.
CONNECTION OF TECHNOLOGY BONDING SYSTEM TO THE ELECTRICAL GROUND SYSTEM	T-SERIES	E.C.	E.C.	
LINE VOLTAGE POWER (+120V OR GREATER)	E-SERIES	E.C.	E.C.	
LINE VOLTAGE POWER (NOT SHOWN BUT REQUIRED FOR PROPER INSTALLATION OF SYSTEM)	N/A	T.C.	E.C.	2.4.
LOW VOLTAGE CABLING FOR TECHNOLOGY SYSTEMS	T-SERIES	T.C.	T.C.	
CABLE HANGERS AND SUPPORTS OR OTHER CABLE ROUTING METHODS (OTHER THAN CONDUIT AND CABLE TRAY)	T-SERIES	T.C.	T.C.	5.
FLOOR BOX (ROUGH-IN)	T & E SERIES	E.C.	E.C.	

- ### SUGGESTED MATRIX OF RESPONSIBILITY NOTES
- LOCATIONS OF TELECOMMUNICATIONS ROUGH-INS SHALL BE INDICATED BY THE INFORMATION OUTLET SYMBOLS ON THE DRAWINGS. REFER TO THE TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION.
  - BASED ON THE INHERENT DIFFERENCES IN PRODUCTS FROM VARIOUS MANUFACTURERS, ALL REQUIRED EQUIPMENT MAY NOT BE SHOWN ON THE DRAWINGS FOR ALL ACCEPTABLE MANUFACTURERS.
  - INCLUDES BACKBOXES AND CONDUIT REQUIRED FOR THE TECHNOLOGY SYSTEMS INSTALLATION. THE E.C. SHALL BASE THE BID ON THE BASIS OF DESIGN SHOWN ON THE CONTRACT DOCUMENTS.
  - ALL CHANGES TO THE SLEEVES, BACKBOXES, CONDUITS, AND POWER REQUIRED BECAUSE OF THE T.C.'S SELECTION OF AN ALTERNATE ACCEPTABLE MANUFACTURER OR FROM SYSTEM CONFIGURATIONS THAT ARE LEFT TO THE CHOICE OF THE CONTRACTOR SHALL BE INCLUDED IN THE T.C.'S BID. THIS BID SHALL INCLUDE INSTALLATION BY A LICENSED ELECTRICIAN.
  - UNLESS TRADE RULES DICTATE OTHERWISE.
  - FURNISHED AS PART OF THE EQUIPMENT WHEN POSSIBLE, OR FURNISHED TO THE E.C. FOR INSTALLATION IN THE FIELD.
  - INCLUDES ALL CONDUCTORS, GROUND BARS, AND TERMINATIONS FOR THE COMPLETE BONDING SYSTEM REQUIRED BY THE SPECIFICATIONS.
  - REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS AND SWITCHBOARDS SHOWN IN THE TECHNOLOGY BONDING RISER DIAGRAM AND TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM.

### TELECOM ROOM REFERENCES

TELECOM ROOM	DETAIL / SHEET REFERENCE	FLOOR PLAN REFERENCE	ARCH ROOM NUMBER
TR-1	N/A	A101	Counselors Office

- ### TECHNOLOGY GENERAL NOTES:
- ###-###-# INDICATES TECHNOLOGY EQUIPMENT SCHEDULE ITEM LABELED AS "EQUIPMENT LIST ABBREVIATION"
  - TECHNOLOGY EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR FULL DESCRIPTIONS AND MANUFACTURERS OF ALL DEVICES.
- TECHNOLOGY MOUNTING SUBSCRIPT KEY:  
A MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH  
H MOUNT ORIENTED HORIZONTALLY  
MOUNT IN CASEWORK  
M MOUNT IN MODULAR FURNITURE  
S MOUNT IN SURFACE RACEWAY
- A SLASH IS USED BETWEEN TWO SUBSCRIPTS, E.G., A/H.

- ### TECHNOLOGY INSTALLATION NOTES:
- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA GUIDELINES FOR ALL CONSTRUCTION DETAILS ON THIS PAGE FOR ADDITIONAL INFORMATION.
  - REMOVE ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
  - BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. BOXES ON OPPOSITE SIDES OF FIRE-RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY. "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
  - VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH MECHANICAL ROOMS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL TELECOMMUNICATIONS INSTALLATION, ADJUST OUTLETS OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
  - TELECOMMUNICATIONS EQUIPMENT SHALL BE MOUNTED TO ALLOW ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF TELECOMMUNICATION DEVICES ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR SHALL BE APPROVED IN ADVANCE BY THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
  - ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO DIVISION 7 FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
  - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF THE CEILING, CEILING TILES, AND CEILING GRID ASSOCIATED WITH THE AREAS OF WORK BY THE CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO BIDDING.
  - EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILING, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
  - FLUSH MOUNT ALL TELECOMMUNICATION OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED.
  - NEVER BACKBOX FLUSH WITH WALL. ALL BACKBOX HEIGHTS ARE TO CENTERLINE DIMENSION, UNLESS OTHERWISE NOTED.

- ### TECHNOLOGY DEMOLITION NOTES
- THE DRAWINGS INDICATE EXISTING ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS.
  - ITEMS (i.e. SPEAKERS, SWITCHES, ETC.) REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN. (i.e. FOR MAINTENANCE PURPOSES).
  - EXISTING TO REMAIN DEVICES WITHIN OR ADJACENT TO THE PATH OF CONSTRUCTION SHALL BE PROTECTED IN PLACE. DEVICES THAT MUST BE REMOVED SHALL BE TESTED PRIOR TO REMOVAL, PROTECTED FROM DAMAGE, AND RE-INSTALLED IN ITS ORIGINAL LOCATION DURING THE NEW CONSTRUCTION PHASE OF THE PROJECT.
  - OBTAIN APPROVAL FROM THE OWNER BEFORE TURNING OFF THE POWER TO EQUIPMENT, SYSTEMS, PANELS, ETC. COORDINATE ALL OUTAGES WITH OWNER CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.
  - ALL CONDUIT SHALL BE REMOVED WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC. SHALL ALSO BE REMOVED.
  - COORDINATE ALL WORK WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING EQUIPMENT AND INSTALLING NEW ITEMS.
  - EXISTING CONDUIT IN GOOD CONDITION, MAY BE REUSED IN PLACE. RELOCATING EXISTING CONDUIT SHALL NOT BE ALLOWED. BONDING CONDUCTORS SHALL BE INSTALLED IN ALL REUSED CONDUIT TO ASSURE PROPER GROUND PATH.
  - EQUIPMENT REMOVAL IN CERTAIN LOCATIONS MAY REQUIRE THE INSTALLATION OF A JUNCTION BOX TO RECONNECT CIRCUITS THAT REMAIN IN OPERATION. EXTEND CONDUIT AND WIRING AS REQUIRED TO MAINTAIN POWER TO REMAINING EQUIPMENT.
  - DEVICES TO BE REMOVED SHALL HAVE ALL CONNECTED WIRING REMOVED TO THE SOURCE.
  - DEVICES NOT TO BE REMOVED SHALL BE PROTECTED FROM THE ENVIRONMENT, AND ALL ASSOCIATED CABLE/RACEWAYS ARE TO REMAIN AND BE PROTECTED. T.C. SHALL BE RESPONSIBLE FOR REPAIR OF ANY INTERRUPTIONS TO PROTECTED DEVICES.
  - REFER TO SPECIFICATIONS SECTION 27 05 00 FOR ADDITIONAL INFORMATION.

### TECHNOLOGY SHEET INDEX

T0.01	TECHNOLOGY SYMBOLS & ABBREVIATIONS
T1.2A	UNIT 'A' SECOND FLOOR TECHNOLOGY DEMOLITION PLAN
T1.3A	UNIT 'A' THIRD FLOOR TECHNOLOGY DEMOLITION PLAN
T2.2A	UNIT 'A' SECOND FLOOR TECHNOLOGY PLAN
T2.3A	UNIT 'A' THIRD FLOOR TECHNOLOGY PLAN
T3.01	TECHNOLOGY ENLARGED PLANS
T4.01	TECHNOLOGY DETAILS
T5.01	TECHNOLOGY DIAGRAMS
T5.02	TECHNOLOGY DIAGRAMS
T6.01	TECHNOLOGY SCHEDULES
GRAND TOTAL:	10

# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

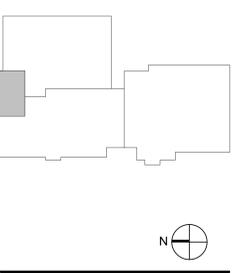
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CONSTRUCTION DOCUMENTS

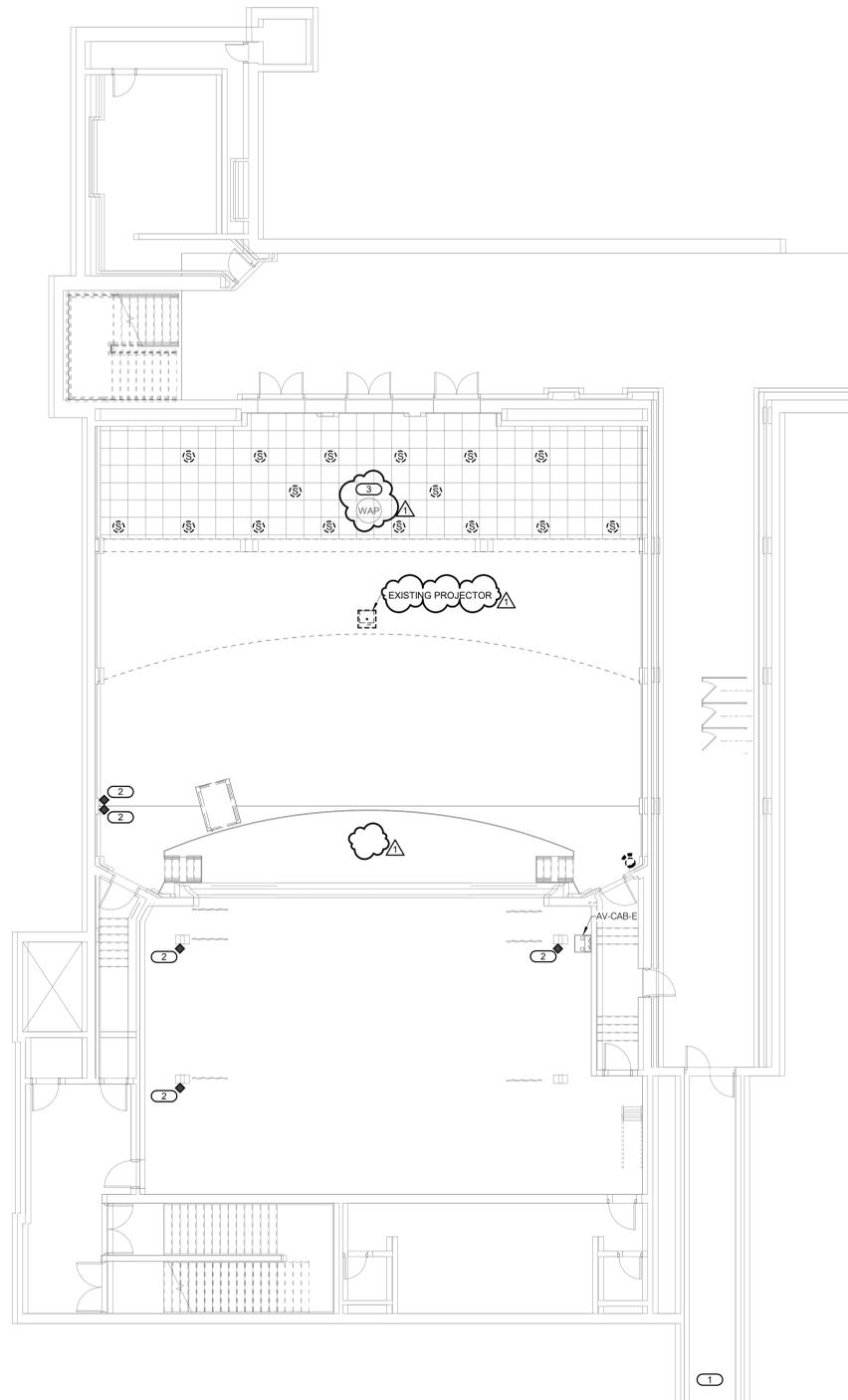
DRAWN BY: JASWRI  
PROJECT NUMBER: 224023.01  
PROJECT ISSUE DATE: 09-06-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	09.24.2024

TECHNOLOGY SYMBOLS & ABBREVIATIONS

# T0.01

- SHEET NOTES:**
1. DEMO ALL AUDITORIUM TECHNOLOGY DEVICES AND CABLING EXCEPT FOR AV EQUIPMENT RACK CABINETS. ALL ELECTRONICS INSIDE AND OUTSIDE OF RACKS ARE TO BE TURNED OVER TO SCHOOL DISTRICT. ALL CABLES TO BE DEMOLISHED BACK TO SOURCE AT TELECOMMUNICATIONS RACK LOCATED IN COUSELOR'S OFFICE.
- KEYNOTES: (C #)**
1. REFER TO ARCHITECTURAL SHEET A101 FOR LOCATION OF EXISTING TELECOM EQUIPMENT IN COUSELOR'S OFFICE.
  2. DEMOLISH AV PLATE AND CABLE. PROVIDE BLANK COVER AND PROTECT FLOORBOX AND LID FOR FUTURE USE.
  3. REMOVE WIRELESS ACCESS POINT, STORE AND PROTECT FOR RE-INSTALLATION. PROTECT ASSOCIATED CABLE AND JACK TO BE REUSED.



**1 UNIT 'A' SECOND FLOOR DEMOLITION PLAN - TECHNOLOGY**  
1/8" = 1'-0"

# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

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SCHOOL CITY OF WHITING



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CONSTRUCTION DOCUMENTS

DRAWN BY: JASWRJ  
PROJECT NUMBER: 224023.01  
PROJECT ISSUE DATE: 09-05-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	09.24.2024

UNIT 'A' SECOND FLOOR  
TECHNOLOGY DEMOLITION PLAN

# T1.2A













# WHITING HIGH SCHOOL - AUDITORIUM IMPROVEMENTS

1751 OLIVER STREET  
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## SCHOOL CITY OF WHITING



### ARCHITECT



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### CONSTRUCTION DOCUMENTS

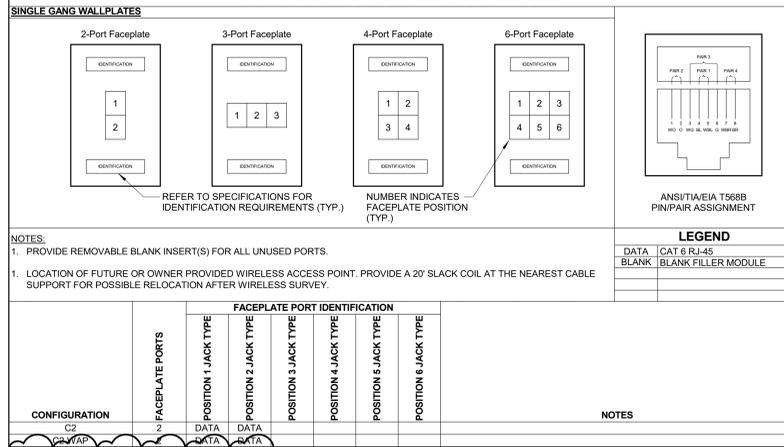
DRAWN BY: JASWRI  
PROJECT NUMBER: 224023.01

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	09.24.2024

### TECHNOLOGY SCHEDULES

# T6.01

## INFORMATION OUTLET SCHEDULE



## TECHNOLOGY EQUIPMENT SCHEDULE

EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	MANUFACTURER AND MODEL
AV-AC-R	AC POWER SEQUENCER, RACK MOUNTED AC POWER STRIP WITH 6 STEP SEQUENCING. SELECT PROPER MODULES AS REQUIRED. REFER TO AV ELECTRICAL RISER DIAGRAM ON T5.02 FOR FUNCTIONALITY.	MAP SEQUENCER USC-R SEQUENCE MODULES MAP RLM-30TL MAP RLM-20A MAP RLM-20A-SP MAP M-202A MAP MPR-8A
AV-ADA-1	ASSISTIVE LISTENING SYSTEM: STATIONARY RF TRANSMITTER WITH SELECTABLE BROADCASTING ON 57 CHANNELS. SIGNAL TO NOISE RATION OF 80 DB OR GREATER. OUTPUT POWER IS ADJUSTABLE TO QUARTER, HALF OR FULL AUDIO. FREQUENCY RESPONSE OF 50 HZ TO 15K HZ. 35 DB AT 72 MHZ. TWO MIXING AUDIO INPUTS WITH AUTOMATIC GAIN CONTROL AND LIMITING TO A MIXED SIGNAL OUTPUT. FRONT PANEL INPUT LEVEL, MIX LEVEL AND AN ADJUSTABLE LOW PASS FILTER. PROVIDE COMPLETE KIT WITH (4) QUANTITY RECEIVERS AND ACCESSORIES. EXTEND TRANSMITTER ANTENNA OUTSIDE OF MAIN RACK TO AV-AN2-W.	LISTEN IDSP LS-53-072 KIT TELEX WILLIAMS
AV-AMP-1	AUDIO AMPLIFIER, RACK MOUNTED CLASS D AMPLIFIER WITH FOUR CHANNEL 2500W SINGLE CHANNEL RATED (CONTINUOUS) FOR 4 OHMS TO 2 OHMS SAFELY AT FULL BANDWIDTH PERFORMANCE. XLR MIC/LINE INPUTS AND RJ-45 FOR DIGITAL AUDIO LAN CONNECTION. DIGITAL SIGNAL PROCESSING FOR EACH INPUT AND OUTPUT. LOCK OUT ALL FRONT PANEL MOUNTED CONTROLS EXPOSED, EXCEPT POWER ON/OFF. VERIFY ANY EQUALS FOR SAME EXACT LOAD ASSIGNMENTS AND MATCH SPEAKERS AND AMPS AS SPECIFIED.	DANLEY DNA PRO 10K4 QSC LEA
AV-AMP-2	AUDIO AMPLIFIER, RACK MOUNTED FLEXIBLE AMPLIFIER SUMMING WITH EIGHT CHANNEL 1000W SINGLE CHANNEL RATED (CONTINUOUS) FOR 4 OHMS TO 2 OHMS SAFELY AT FULL BANDWIDTH PERFORMANCE. FOUR 3/8" MIC/LINE INPUTS FOR DIGITAL AUDIO NETWORK AND RJ-45 FOR DIGITAL AUDIO LAN CONNECTION. LOCK OUT ALL FRONT PANEL MOUNTED CONTROLS EXPOSED, EXCEPT POWER ON/OFF. VERIFY ANY EQUALS FOR SAME EXACT LOAD ASSIGNMENTS AND MATCH SPEAKERS AND AMPS AS SPECIFIED.	QSC CXK 4K8 DANLEY LEA
AV-AN2-W	ASSISTIVE LISTENING ANTENNA, REMOTE RF ANTENNA COMPATIBLE WITH ASSISTIVE LISTENING SYSTEM. CONFIGURE FOR LOCATION FOR SEATING COVERAGE. MOUNT ANTENNA ON 2-GANG PLATE WITH BNC CONNECTOR, PER PLAN. PROVIDE RG-58 COAX CABLE FROM MAIN AV RACK AV-ER-E.	LISTEN LA-123 TELEX WILLIAMS
AV-AN-E	EXISTING WIRELESS MICROPHONE ANTENNAS. ANTENNAS TO BE RELOCATED AS PLANS SHOW.	EXISTING ANTENNA CONTRACTOR INSTALLED
AV-CAB-E	EXISTING AV RACK LOCATED ON STAGE RIGHT. RACK TO BE REUSED. REFER TO AV FUNCTIONAL DIAGRAM FOR DETAILS ON WIRING AND EQUIPMENT TO BE REPLACED. USE EXISTING ELECTRICAL AT RACK.	EXISTING CONTRACTOR TO REUSE
AV-COMM-E	EXISTING PRODUCTION INTERCOM BASE STATION. CONTRACTOR TO REUSE EXISTING PRODUCTION COMMUNICATION SYSTEM. RE-USE BASE STATION AND ANY EXISTING FIELD WIRING, FIELD PLATES, AND WIRELESS HEADSETS. CONTRACTOR SHALL TEST COMPLETE SYSTEM AND REPORT ANY PROBLEMS TO OWNER.	EXISTING
AV-DSP-1	AUDIO DSP: 24 CHANNELS OF ANALOG I/O (8 INPUT X 8 OUTPUT X 8 FLEX), 128 X 128 NETWORK AUDIO CHANNELS, 16 X 16 USB AUDIO CHANNELS, 16 X 16 GPI/O LOGIC PORTS, 16 CHANNELS OF ROUTABLE AEC, VOIP, Dante, DIGITAL AUDIO AND CONTROL OVER LAN. REFER TO SPECIFICATION 27.41.00 FOR CONFIGURATION AND PERFORMANCE REQUIREMENTS.	QSC CORE 110F
AV-ECS-1	PRODUCTION SYSTEM ETHERNET NETWORK SWITCH - COMMERCIAL GRADE DATA SWITCH LATEST VERSION AVAILABLE. UNITS SHALL BE MANAGED LAYER 2, GIGABIT ETHERNET SWITCHES WITH POE. TWENTY FOUR (24) 10/100/1000BASE-T RJ-45 PORTS, 8 WITH POE+ (2) SFP. 1 RU RACKMOUNT CHASSIS. PROVIDE FIBER ADAPTERS AS OUTLINED ON RISER DRAWINGS.	NETGEAR M250-26G4F-POE+ CISCO EXTREME
AV-FB-AV1	AUDIO-VIDEO PLATE AND METAL FLOORBOX. BLACK METAL 3-GANG, TYPICAL, AUDIO EQUIPMENT CONNECTION PLATE FOR CONNECTION OF MICROPHONE, LINE, SPEAKER, AND DATA. PROVIDE PLATE SIZED TO FIT FLOORBOX. PROVIDE THREE XLR-F MICROPHONE INPUTS, ONE XLR-M LINE OUTPUT, ONE SPEAKER MONITOR JACK, AND ONE ETHERCON DATA JACK. PROVIDE SHIELDED RJ-45 CONNECTOR WHEN SHOWN ON RISER. PROVIDE ENGRAVED LABELS.	LEGRAND EF885 WITH EFBF610xxxx COVER
AV-FB-AV2	AUDIO-VIDEO PLATE AND METAL FLOORBOX. BLACK METAL 3-GANG, TYPICAL, AUDIO EQUIPMENT CONNECTION PLATE FOR CONNECTION OF MICROPHONE, LINE, SPEAKER, AND DATA. PROVIDE PLATE SIZED TO FIT FLOORBOX. PROVIDE THREE XLR-F MICROPHONE INPUTS, ONE XLR-M LINE OUTPUT, ONE SPEAKER MONITOR JACK, AND ONE ETHERCON DATA JACK. PROVIDE SHIELDED RJ-45 CONNECTOR WHEN SHOWN ON RISER. PROVIDE ENGRAVED LABELS.	WHIRLWIND PROCO ENTERTAINMENT METALS
AV-MEDIA-1	CD PLAYER WITH BLUETOOTH/USB/AUX INPUTS. PROVIDE FOR 1 SPACE OR AS REQUIRED. INCLUDES FRONT MOUNTED AUX INPUT FOR PLAY BACK FROM EXTERNAL DEVICES, INCLUDING LAPTOPS, SMARTPHONES, AND MP3 PLAYERS. BLUETOOTH 3.0 PAIRING TO 8 DEVICES. INCLUDE WITH IR REMOTE. UNIT SHALL BE CAPABLE OF WAV FILE, MP3, CD AND TRACK SELECTION OF SAME. AUX INPUT SHALL BE 3.5MM ON FRONT PANEL.	DENON DN-500CB TASCAM EXTREME
AV-MIC-RX1-E	EXISTING WIRELESS MICROPHONE SYSTEMS.	EXISTING
AV-MIX-1	DIGITAL AUDIO MIXING CONSOLE. 32 INPUT CHANNELS, 8 AUX CHANNELS, 8 FX RETURN CHANNELS. OUTPUTS TO INCLUDE 16 AUX BUSES, 6 MATRICES, AND MAIN LRC. SIGNAL PROCESSING SHALL BE 40-BIT FLOATING POINT WITH A/D AND D/A CONVERSION 8-CHANNEL, 96 KHZ READY. QUANTITY OF 32 MIDAS PRO SERIES MICROPHONE PREAMPLIFIERS. UNIT SHALL HAVE 32 XLR-F INPUTS AND 16 XLR-M OUTPUTS. DIGITAL AUDIO PORTS TO INCLUDE 2 RJ-45 AES50 CONNECTIONS AS WELL AS RJ-45 FOR ULTRANET AND ETHERNET CONTROL. USB CONTROL TO INCLUDE TYPE A AND TYPE B. CONSOLE USER INTERFACE SHALL HAVE 7" TFT LCD, 800 X 480 RESOLUTION, 262K COLORS. DIMENSIONS ARE 35.1 X 24.1 X 10.1" AND WEIGHT OF 55 LBS.	MIDAS M32
AV-MP-1-C	OVERHEAD MICROPHONE. MINIATURIZED CONDENSER MICROPHONE PREAMP, DETACHABLE SHIELDED CABLE AND UNIDIRECTIONAL, POLAR PATTERN, LOW IMPEDANCE (150 OHMS TYPICAL), 40HZ - 20KHZ FREQUENCY RESPONSE AND 50 DB SENSITIVITY. PROVIDE WITH MIC SUSPENSION CLIP COORDINATE ROUGH-IN LOCATION AND PROVIDE CABLE MANAGEMENT, INCLUDING TRAVELING CABLE FOR BATTERY TRAVEL. MAINTAIN APPROX 4 INCH LOOP, OR AS REQUIRED FOR ADJUSTMENT AT COMMISSIONING.	AUDIX M1280B-CARDIOID MICHANGER NO EQUAL
AV-PP-1	AUDITORIUM AV PATCH PANEL: MICROPHONE AND LINE LEVEL. XLR AUDIO PLUS RJ45 JACK FOR AV DATA PATCH PANEL. PROVIDE STANDARD 19" RACK WIDTH, BLACK METAL PLATE WITH ENGRAVED LABELS. REFER TO 1/12-01 SIGNAL RISER AND DETAIL 1/14.01 FOR CONFIGURATION, CONNECTOR TYPES AND QUANTITY.	WHIRLWIND CUSTOM PLATE PROCO ENTERTAINMENT METALS
AV-PP-2	AUDITORIUM AUDIO FOLDBACK MONITOR PATCH PANEL - SPEAKER LEVEL. ETHERCON PATCH PANEL. PROVIDE BLACK METAL RACK PLATES WITH ENGRAVED LABELS. REFER TO 1/15.01 SIGNAL RISER AND DETAIL 2/14.01 FOR CONFIGURATION AND QUANTITY. PROVIDE WITH EIGHT (8) QUANTITY SPEAKER PATCH CABLES.	WHIRLWIND CUSTOM PLATE PROCO ENTERTAINMENT METALS
AV-PRO-1	AUDITORIUM VIDEO PROJECTOR: 12,000 LUMENS, WXGA (1,920 X 1,200), ECO FILTER, HDMI/DVI-D, DISPLAYPORT, DIGITAL LINK. PROVIDE WITH (POWERED) ZOOM LENS TO MEET THROW DISTANCE REQUIREMENT. VERIFY AND COORDINATE LENS REQUIREMENT FOR THROW DISTANCE TO DISPLAY WALL. IMAGE ON SCREEN. PROVIDE RUBBER PAD FOR VIBRATION REDUCTION AT PROJECTOR MOUNT. COORDINATE LOCATION WITH POWER OUTLETS, AV CABLE OUTLET AND MANAGE CABLE NEATLY.	PANASONIC PT-RZ120 LONG THROW LENS TBD
AV-PRO-MNT-1	VIDEO PROJECTOR MOUNT: UNIVERSAL SPIDER MOUNT.	CHIEF RPM4U ELITE PEERLESS
AV-SNAKE-1	DIGITAL STAGE BOX. UNIT SHALL INCLUDE 32 MIDAS MICROPHONE PREAMPLIFIERS WITH 32 XLR-F AND 16 XLR-M CONNECTIONS. DIGITAL TRANSPORT TO INCLUDE 2 AES50 CONNECTIONS AS WELL AS ULTRANET, 2 AES50B, ADAT, AND DL32 MIDI I/O CONTROL. REFER TO SPECIFICATION 27.41.00 AND PROVIDE XLR FANTAIL OR PATCH CABLES FOR CONNECTION TO RACK MOUNTED PATCH PANEL.	MIDAS DL32
AV-SP1-C	MAIN CENTER SPEAKER: LOUDSPEAKER CABINET INCLUDES 4X15" LF DRIVERS, 6X4" MIDRANGE DRIVERS, AND 1X1.4" HF DRIVER WITH 90 DEGREE X 60 DEGREE FULL RANGE COVERAGE ANGLE AND 50-16,000 HZ. FREQUENCY RESPONSE. MAXIMUM SPL OUTPUT IS 133 DB SPL CONTINUOUS / 130 DB SPL PEAK. POWER HANDLING IS 1400W PROGRAM, 5600W PEA. WEIGHT IS 215 LBS, AND DIMENSIONS ARE 26.5 X 45 X 25 IN.	DANLEY SH-98 INSTALLATION VERSION A.P.E. RIGGING NO EQUAL
AV-SP2-C	MAIN LEFT AND RIGHT FILL SPEAKERS: BOTH LOUDSPEAKER CABINETS INCLUDE ONE 8" COAXIAL TRANSDUCER WITH 110 DEGREE CONICAL PATTERN AND 70-20,000 HZ. FREQUENCY RESPONSE. MAXIMUM SPL OUTPUT IS 120 DB SPL CONTINUOUS / 126 DB SPL PEAK. POWER HANDLING IS 300W PROGRAM, 1200W PEA. WEIGHT IS 45 LBS, AND DIMENSIONS ARE 20.5 X 20.5 X 9 IN.	DANLEY SM-100 NO EQUAL
AV-SP2-C	MAIN LEFT AND RIGHT FILL SPEAKERS: BOTH LOUDSPEAKER CABINETS INCLUDE ONE 8" COAXIAL TRANSDUCER WITH 110 DEGREE CONICAL PATTERN AND 70-20,000 HZ. FREQUENCY RESPONSE. MAXIMUM SPL OUTPUT IS 120 DB SPL CONTINUOUS / 126 DB SPL PEAK. POWER HANDLING IS 300W PROGRAM, 1200W PEA. WEIGHT IS 45 LBS, AND DIMENSIONS ARE 20.5 X 20.5 X 9 IN.	DANLEY SM-100 NO EQUAL
AV-SP3-C	UPPER BALCONY DELAY SPEAKERS: EACH LOUDSPEAKER CABINETS INCLUDE ONE 8" COAXIAL TRANSDUCER WITH 110 DEGREE CONICAL PATTERN AND 70-20,000 HZ. FREQUENCY RESPONSE. MAXIMUM SPL OUTPUT IS 120 DB SPL CONTINUOUS / 126 DB SPL PEAK. POWER HANDLING IS 300W PROGRAM, 1200W PEA. WEIGHT IS 45 LBS, AND DIMENSIONS ARE 20.5 X 20.5 X 9 IN.	DANLEY SM-100 NO EQUAL

## TECHNOLOGY EQUIPMENT SCHEDULE

EQUIPMENT LIST ABBREVIATION	EQUIPMENT LIST DESCRIPTION	MANUFACTURER AND MODEL
AV-SP4-C	UNDER-BALCONY DELAY SPEAKERS: 2 WAY LOUDSPEAKER SYSTEM WITH A 100x100 HIGH FREQUENCY DRIVER AND A LOW FREQUENCY DRIVER. PROVIDING 35HZ TO 25KHZ OPERATING RANGE (-10 DB). POWER HANDLING SHALL BE 200W CONTINUOUS, 800W PEAK WITH NOMINAL IMPEDANCE OF 8 OHMS AT 1% DISTORTION. DIMENSIONS SHALL BE 19.37" X 9.76" X 10.91" (HxWxD), WEIGHING 25 LB PLUS SUSPENSION BY CONTRACTOR. LOUDSPEAKERS AND ALL VISIBLE RIGGING SHALL BE WHITE IN COLOR. HORN PATTERN SELECTION SHALL BE NOTED ON SHOPS. MOUNT UNDER BALCONY PER PLANS WITH ADJUSTABLE SPEAKER BRACKET FOR ADJUSTMENT/AIM. SEE SPECIFICATION 27.41.00 FOR LOUDSPEAKER RIGGING REQUIREMENTS.	ELECTROVOICE EVC-1082-00 YAMAHA
AV-SP5-C	PROVIDE CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-E. DO NOT ASSIGN PRECISION AIM TO OTHER TRADES. PROVIDE 14AWG (W.P. 2262) DUAL CABLE RUNS TO THIS DEVICE.	
AV-SP5-C	UNDER-BALCONY 70V DELAY SPEAKERS: HIGH PERFORMANCE 6.5" COAX CEILING LOUDSPEAKER WITH 6.5" WOOFER AND 75" TITANIUM COATED TWEETER. 110 DEGREE COVERAGE NOMINAL. 150 WATTS CONTINUOUS PROGRAM POWER AND 75 HZ TO 20KHZ FREQUENCY RESPONSE. 8 OHMS PLUS 70V/100V TAPS AT 60W, 30W, 15W (AND 7.5W @ 70V). 9.9" ROUND PORTED BAFFLE X 8.3" DEEP. LOUDSPEAKERS SHALL BE WHITE IN COLOR.	JBL CONTROL 26C/T
AV-SP6-C	PROVIDE STANDARD SINGLE GANG BOX WITH 3/4" C. FROM AV-ER-E FOR SPEAKER LINE TO EACH DISTRIBUTED SPEAKER ZONE WITH CIRCULATING CABLE TO EACH SPEAKER PER PLANS.	JBL CONTROL 16C/T
AV-SP7-W	PROVIDE STANDARD SINGLE GANG BOX WITH 3/4" C. FROM AV-ER-E FOR SPEAKER LINE TO EACH DISTRIBUTED SPEAKER ZONE WITH CIRCULATING CABLE TO EACH SPEAKER PER PLANS.	JBL CONTROL 16C/T
AV-SP7-W	WALL MOUNTED CUE SPEAKER: UNITS SHALL BE COMMERCIAL SERIES WITH TRANSFORMER AND INTEGRATED SURFACE WALL MOUNT. UNIT SHALL BE RATED AT 200 WATTS WITH 100 DEGREE X 100 DEGREE COVERAGE PATTERN. PROVIDE ATLAS AT-100 VOLUME CONTROL, AT EACH LOCATION. NOTE: OVERSIZED WALL PLATES AND BOX NEEDS FOR 100 WATT AUTOFORMER DURING ROUGH-IN. ADJUST HEIGHT WHEN REQUIRED TO REMAIN ABOVE 7 FT AFF IN ALL CASES.	ELECTROVOICE ZX11-100T COLOR BLACK
AV-SP7-W	PROVIDE STANDARD SINGLE GANG SWITCH BOX AT SWITCH HEIGHT WITH 1" CONDUIT FOR SPEAKER LINES TO AV-VC1-W BELOW SPEAKER AS SWITCH HEIGHT. WALL MOUNTED CUE SPEAKERS ARE A SEPARATE ZONE WITH 70VOLT HOMERUN TO AMPLIFIER, PER RISER ON 1/15.01. COLOR SHALL BE BLACK.	YAMAHA JBL "CONTROL" SERIES
AV-SRGX-1	SURGE PROTECTOR: IN-LINE REMOTE POWER ACTIVATION AND SURGE SUPPRESSION. UNIT IS 20-AMP LOAD-CAPABLE AND HOUSED IN A 12" X 12" X 4" NEMA ENCLOSURE. UNIT FEATURES BOTH COMMON MODE AND NORMAL MODE IMPEDANCE TOLERANT EMI/RFI FILTERING AS WELL AS SURGEX ICE -INRUSH CURRENT ELIMINATION FOR COMPREHENSIVE POWER CONDITIONING.	SURGEX SX-20E-RT NO EQUAL
AV-SRL-1	PROVIDE LOW VOLTAGE CONTROL FROM AC POWER CONTRACTOR AT MAIN RACK AV-ER-E COORDINATE MOUNTING WITH ELECTRICAL CONTRACTOR FOR AC POWER FEED OUTLETS AT MID-HOUSE CONTROL BOOTH. REFER TO ELECTRICAL DRAWINGS.	MIDDLE ATLANTIC PRODUCTS SSL
AV-SW1-C	RACKMOUNTED SLIDING SHELF FOR PORTABLE MEDIA DEVICE: BLACK LAMINATE SLIDING SHELF WITH FULL 10" EXTENSION AND NYLON ROLLER SLIDES. SHELF IS 16"X 13-3/4" D. MAXIMUM WEIGHT CAPACITY IS 35LBS.	ATLAS LOWELL THAMIN15
AV-SW1-C	SUB-WOOFER: PASSIVE SUBWOOFER POWER HANDLING IS 1000W CONTINUOUS, 2000W PROGRAM AND 4000W PEAK AT NOMINAL IMPEDANCE OF 4 OHMS WITH 50HZ TO 3100HZ OPERATING RANGE. SUBWOOFER DIMENSIONS SHALL BE 30TH X 18W X 24D WEIGHING 100 LBS.	ATLAS LOWELL THAMIN15
AV-SW1-C	SUSPEND ABOVE AND BEHIND MAIN SPEAKER WITHIN 16" OF PROCEUM AND CEILING, PER PLANS. COORDINATE PE RATED SUSPENSION FROM BUILDING STEEL. REFER TO SPECIFICATION 27.41.00 FOR RIGGING REQUIREMENTS. SPEAKER AND ALL VISIBLE RIGGING COLOR SHALL BE WHITE.	NO EQUAL
AV-TP1-R	PROVIDE 1" CONDUIT STUB OR BOX AT SPEAKER SUSPENSION POINT FOR SPEAKER LINES TO AMPLIFIER RACK AV-ER-E.	
AV-TP1-R	PROVIDE 14AWG (W.P. 2262) DUAL CABLE RUNS TO THIS DEVICE.	
AV-TP1-R	TOUCH PANEL-RACK MOUNT: AUDIO SYSTEM TOUCH PANEL CONTROL. 7" SCREEN WITH 1280 X 800 RESOLUTION AND POE.	QSC TSC-70-G3
AV-UD-3	PROVIDE WITH RACK MOUNT.	
AV-UD-3	RACK MOUNTED STORAGE DRAWER: THREE RACK SPACE UTILITY DRAWER WITH 15.97" USEABLE WIDTH, 15" DEEP. PROVIDE BLANK SPACE ABOVE AND BELOW.	MIDDLE ATLANTIC PRODUCTS UD3
AV-VC1-W	WALL MOUNTED VOLUME CONTROL: 70V, 100W AUTOFORMER VOLUME CONTROL FOR STAGE CUE SPEAKER	ATLAS LOWELL ATLAS AT-100
AV-VC1-W	PROVIDE OVERSIZED DEEP GANG BOX AT SWITCH HEIGHT WITH 3/4" CONDUIT TO LOCAL SPEAKER AND RACK AV-ER-E.	
AV-VPS-1	VIDEO PROJECTION SCREEN: MOTORIZED VIDEO SCREEN IN BLACK STEEL CASE AND A TUBULAR MOTOR-IN-ROLLER DESIGN WITH 16:9 ASPECT RATIO VIEWING AREA OF 11' X 18' (27" DIAGONAL). PROVIDE WITH HIGH CONTRAST GREEN SURFACE AND EXTRA DROP AS REQUIRED BOTTOM OF IMAGE AT 6' AFF. PROVIDE WITH QUIET MOTOR OPTION WITH BUILT IN LOW VOLTAGE CONTROL. VERIFY STOPS AND EXTRA DROPS FOR A WRINKLE FREE INSTALLATION.	DRAPER PARAGON V 227 GREY 2X600V DALTE STEWART
AV-VRX-1	DM-LITE DIGITAL MEDIA RECEIVER: RECEIVES AUDIO, VIDEO, CONTROL AND POWER OVER SHIELDED TWISTED PAIR CABLE. DM-LITE RECEIVER, 4K60 VIDEO AND CONTROL INTERFACE WITH ONE DM 8G+ INPUT, ONE HDMI OUTPUT, ETHERNET, RS-232, AND IR CONTROL.	CRESTRON HD-RX-4K210-C-E EXTRON
AV-VSW-1	PROVIDE MOUNTING AT PROJECTOR.	
AV-VSW-1	4K DIGITAL MEDIA SCALING PRESENTATION SWITCHER: HDCP-COMPLIANT SCALING PRESENTATION SWITCHER WITH 6 HDMI INPUTS, 8 UNIVERSAL AND TWO DM-LITE INPUTS WITH SINGLE HDMI OUTPUT AND DM-LITE OUTPUT. UNIT INCLUDES A SCALING ENGINE TO SCALE HDMI, RGB, COMPONENT, AND STANDARD DEFINITION VIDEO SIGNALS TO A COMMON HIGH RESOLUTION OUTPUT UP TO 3840X1600 4K UHD. UNIT PROVIDES HDMI AUDIO EMBEDDING AND DE-EMBEDDING WITH DUAL STEREO OUTPUTS ON CAPTIVE SCREEN.	CRESTRON HD-FS821 EXTRON
AV-VTX-1	DM-LITE DIGITAL MEDIA TRANSMITTER: TRANSMITS AUDIO, VIDEO, CONTROL AND POWER OVER SHIELDED TWISTED PAIR CABLE. DM-LITE TRANSMITTER, 4K60 VIDEO AND CONTROL INTERFACE WITH ONE DM 8G+ INPUT, ONE HDMI OUTPUT, ETHERNET, RS-232, AND IR CONTROL. PROVIDE 6' LONG HDMI CABLE TO CONNECT PORTABLE DEVICES.	CRESTRON HD-TX-301-C-E EXTRON
AV-WP1-W	AV WALL PLATE: BLACK METAL AUDIO EQUIPMENT CONNECTION WALL PLATE FOR CONNECTION OF MIC INPUTS AND MONITOR OUTPUT. PROVIDE METAL AUDIO PLATE TO FIT TWO XLR-F MICROPHONE INPUTS AND ONE SPEAKER OUTPUT. PROVIDE 1" CONDUIT FOR MIC LINES AND 3/4" CONDUIT FOR SPEAKER LINE TO MAIN RACK AV-ER-E.	WHIRLWIND CUSTOM PROCO ENTERTAINMENT METALS
AV-WP2-W	AV SYSTEM INPUT: SINGLE HDMI AND USB-C VIDEO INPUTS / DM-LITE DIGITAL MEDIA TRANSMITTER DECORA DEVICE WITH 1 HDMI INPUT, 1 USB-C INPUT, IR OUTPUT, RS-232, AND TWISTED PAIR DM OUTPUT. PROVIDE HDMI CABLE TO CONNECT TO SOURCE.	CRESTRON HD-TX-4K211-2G-W EXTRON
AV-WP3-W	PROVIDE DEEP TWO GANG AV WALL BOX, HUBBELL HBL985, TYPICAL, AT OUTLET HEIGHT, UNO, WITH 1" CONDUIT FOR AV CABLE TO AUDIO VISUAL RACK AV-ER-E IN CONTROL BOOTH.	
AV-WP3-W	STAGE AUDIO PLATE: BLACK METAL AUDIO EQUIPMENT CONNECTION WALL PLATE FOR CONNECTION OF MICROPHONE FOLDBACK MONITORS, AND AV DATA. ENGRAVED LABELING IS WHITE IN-FULL PAINT. PROVIDE AS 12" X 2" WALL FRAME WITH 10.5" X 10.5" RECESSED INSERT PLATE. PROVIDE: XLR-F MICROPHONE INPUTS, XLR-M LINE LEVEL OUTPUTS, CAT6 SHIELDED ETHERCON DATA, AND SPEAKER SPEAKER. REFER TO DETAIL 1/15.01 AUDITORIUM AUDIO RISER DIAGRAM AND DETAILS 3/14.01 PLATE DETAILS FOR QUANTITY AT EACH PLATE.	WHIRLWIND WFT1212B / WFS1212x2.5 PROCO ENTERTAINMENT METALS
PA-H1-W	HORN PAGING SPEAKER: 15W POWER CAPACITY WITH SWITCH SELECTED 25V POWER TAPS OF 15, 7.5, 1.8, 0.94, 0.48 WATTS. PROVIDE WITH SPEAKER MOUNT AND SAFETY CABLE. PROVIDE SINGLE GANG BOX ADJACENT TO SPEAKER MOUNTING WITH 3/4" CONDUIT FROM LIGHTING CATWALK AS SHOWN ON PLANS TO EXISTING HOMERUN INTERCOM CIRCUIT FED FROM BOGEN SYSTEM IN MAIN OFFICE.	BOGEN SPT-15A
SC-10-W	INFORMATION OUTLET, WALL MOUNT. 2 & 4-PORT COVER PLATE AS INDICATED ON DRAWINGS AND INFORMATION OUTLET SCHEDULE. REFER TO INFORMATION OUTLET SCHEDULE FOR PIN CONFIGURATION INFORMATION.	PANDUIT FACEPLATE 2 PORT: CFP14EY 4 PORT: CFP14EY JACKS CUB82GEI CMFEI BLANK CMBEI COMMSCOPE HUBBEL
SC-10-W	INFORMATION OUTLET, WALL MOUNT. # " INDICATES INFORMATION OUTLET FACEPLATE CONFIGURATION AS INDICATED ON THE DRAWINGS. REFER TO INFORMATION OUTLET SCHEDULE ON T6.01 FOR ADDITIONAL INFORMATION.	
SC-MPP-1	INSTALL INFORMATION OUTLET IN A 4" SQUARE BACKBOX WITH A SINGLE GANG PLASTER RING. INSTALL A 1" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING U.N.O. PROVIDE REMOVABLE BLANK INSERTS FOR UNUSED PORTS AND BLANK DECORA PLATES FOR UNUSED OPENINGS. REFER TO SPECIFICATION SECTION 27.15.00 FOR ADDITIONAL INFORMATION.	PANDUIT CPLL48WBLY COMMSCOPE HUBBEL
VS-CM-1	MODULAR PATCH PANEL, 48 MODULAR RJ-45 CAT 6 TERMINATIONS, MOUNTS DIRECTLY TO EIA/TIA STANDARD 19" RACK, PORT IDENTIFICATION NUMBERS, PROVIDED WITH COLOR CODING AND LABEL HOLDER KITS, U.L. LISTED REQUIRES (2) 1.75" MOUNTING SPACES.	PANDUIT CPLL48WBLY COMMSCOPE HUBBEL
VS-CM-1	SECURITY CAMERA: SINGLE FIXED LENS, 5MP IP CAMERA, WALL OR CEILING MOUNTED. FOCAL LENGTH 2.8 mm, MIN ILLUMINATION COLOR: 0.060 LUX, FEATURES: VIDEO COMPRESSION: H.264, H.265; CASING: IP52, RATED, IK RATING: IK08 IMPACT-RESISTANT CASING WITH HARD-COATED DOME; POWER: TYPICAL 4.25W, MAX 8.5W. CAMERA COLOR: WHITE. INFORMATION OUTLET FOR CAMERA SHALL BE TERMINATED IN AN RJ-45 PLUG. PROVIDE ROUGH-IN AS A 4" SQUARE BACKBOX WITH A SINGLE GANG PLASTER RING. INSTALL A 1" EMT CONDUIT TO NEAREST ACCESSIBLE CEILING U.N.O.	VERKADA CD42 TERMINATION: MODULAR PLUG PANDUIT SP688-C OR PRE-APPROVED EQUAL