

REGAN YOUNG ENGLAND BUTERA

REFERENDUMS • ENGINEERING • ARCHITECTURE • DESIGN



ADDENDUM - 01

DATE: 26 September 2023

FROM: Patrick Farmer, AIA

VIA: Addendum Notification Fax & E-Mail

456 HIGH ST. • MT. HOLLY, NJ 08060 USA
(609) 265-2652 • 21A100912100 • www.RYEBREAD.com

SUBJECT:

ADDENDUM #1

AUDITORIUM RENOVATION – F.W. HOLBEIN
SCHOOL

RYEB Project #5733A

This addendum is issued to clarify, correct, or supplement the Documents as originally issued and will become a part of the Contract. Receipt thereof shall be acknowledged by Bidders in space provided in the Form of Bid. Failure to acknowledge this Addendum on the official Form of Bid may be cause for rejection of Bid.

1.01 **AMENDED DRAWINGS:** Several drawings have been amended and are attached to this Addendum. The amended drawings supersede the originally issued drawings. Delete originally issued drawings and replace with the amended drawings listed under AMENDED DRAWINGS.

1.02 **AMENDMENT:** (Reference to Section 002000, FORM OF BID): Delete Section 002000, FORM OF BID that was issued in the Project Manual. Replace with new Section 002000, FORM OF BID (AMENDED), consisting of 7 pages total. **BIDDERS MUST USE THE AMENDED FORM OF BID WHEN SUBMITTING A BID.**

1.03 **AMENDMENT:** (Reference to Section 098433, SOUND-ABSORBING WALL UNITS): Delete Section 098433, SOUND-ABSORBING WALL UNITS that was issued in the Project Manual. Replace with new Section 098433, SOUND-ABSORBING WALL UNITS, consisting of 7 pages total. There was an error with the document header, which has been corrected. No other information was changed.

1.04 **AMENDMENT:** (Reference to Section 028213, Removal and Disposal of Asbestos Containing Materials & Drawing HA1.01): The Contractor shall be permitted to conduct the asbestos abatement work during the District's Spring Break, which will take place from 03/29/2024 through 04/07/2024. The work shall be limited to the existing seating and flooring system abatement only. The removal of the doors and frames and other asbestos related work shall occur over the summer construction schedule.

1.05 **AMENDMENT:** (Reference to Specification Section, 090561.13 – MOISTURE VAPOR EMISSION CONTROL): Delete Paragraph 1.3 in its entirety. The Unit Prices related to this Section has been deleted. This requirement has also been deleted from the original Specification Section 020000, FORM OF BID.

All concrete areas to receive new floor finishes, shall receive MEV-Control Systems over the entire concrete area to receive new floor finishes as part of the Base-Bid.

The Contractor shall confirm with the flooring finish manufacturers technical representatives that the selected flooring adhesives will have no adverse reactions to the MEV-Control system selected by the Contractor. The Contractor shall also follow the proper subfloor preparation per flooring manufacturers' written installation instructions, as well as MVEC manufacturer's install instructions to ensure warranty compliance of flooring and effective bond.

Bidders are required to use the attached Section 020000, FORM OF BID (Amended).

1.06 **AMENDMENT:** (Reference to Systems Demonstration/Training): The Contractor shall video-record all systems demonstration/trainings to the Owner.

1.07 **CLARIFICATION:** (Reference to New Aluminum Guardrails): The drawings and specifications require black anodized aluminum guardrails. Additionally, factory-coated black powder coat finish is also acceptable.

1.08 **CLARIFICATION:** (Reference to Hardware Set 1.0 in Specification Section 087100): The notes under hardware set states: "CARD READER BY SECURITY VENDOR. PRESENTING AUTHORIZED CREDENTIAL TO CARD READER OR INTERCOM BUZZER WILL UNLOCK EXIT DEVICE ALLOWING ACCESS. EGRESS IS BY EXIT DEVICE. EMERGENCY ACCESS BY KEY." There will be no intercom, only a card reader, as part of the sequence of entry operations.

1.09 **AMENDMENT:** The Contractor must perform a ground-penetrating radar scan, or other acceptable method, of the existing slab to confirm no existing utilities (electrical, plumbing, etc.) are located in areas of existing slab to be saw-cut.

1.10 **AMENDMENT:** The contractor shall provide one (1) Network GPIO Expander, QSC part number QIO-GP8x8, as part of the Audio-Visual Bill of Materials on Dwg E-200. This equipment shall be utilized to perform the muting of the auditorium sound system in the event of fire alarm system relay activation or a panic alarm system relay activation. Contractor shall provide all necessary wiring, all required supporting equipment/components, and programming to accommodate this sequence of operations.

1.11 **DISTRICT VENDORS:**
The District's Fire Alarm vendor is:
ADT
Richard J. Liebhauser
732-898-3919
RichardLiebhauser@adt.com

The District's Security/Access Control vendor is:
Sonitrol
Bryan Benschel
609-304-5752
bryan@sonitrolnewjersey.com

ATTACHMENTS:

1. Amended Section 020000, FORM OF BID, consisting of 7 pages total.
2. Amended Section 098433, SOUND-ABSORBING WALL UNITS, consisting of 7 pages total.

AMENDED DRAWINGS:

1. Architectural Drawings: CS, A-101, A-102, A-103, A-104 & A-105.
2. Electrical Drawings: E-001 & E-102.

Including this document, Addendum 01 consists of 16 pages of text and 8 Drawings.

END OF ADDENDUM 01

AUDITORIUM RENOVATION - F.W. HOLBEIN SCHOOL
REGAN YOUNG ENGLAND BUTERA, PC PROJECT #5733A

SECTION 002000 - FORM OF BID (AMENDED)

TO:

Evon DiGangi, Board Secretary/School Business Administrator
MOUNT HOLLY TOWNSHIP BOARD OF EDUCATION
331 Levis Drive
Mount Holly, New Jersey 08060

FROM:

_____ (NAME)

_____ (ADDRESS)

_____ (CITY, STATE, ZIP)

_____ (PHONE/FAX NUMBER)

_____ (EMAIL ADDRESS)

Operating as an individual, a partnership, corporation under the laws of the State of New Jersey

(Input words that apply)

BID FOR: RYEBREAD PROJECT NO. 5733A

AUDITORIUM RENOVATION – F.W. HOLBEIN SCHOOL
333 Levis Drive
Mount Holly, New Jersey 08060

This Bid is based on Specifications and Drawings dated 07 August 2023, with Drawings revision date of 26 September 2023 and prepared by:

REGAN YOUNG ENGLAND BUTERA, PC
456 High Street
Mt. Holly, New Jersey 08060

BASE-BID

BASE-BID: Pursuant to and in compliance with your request for Bids for the above named project and contract, and having examined the site where the work is to be located, and having become familiar with local conditions as they may, in any way, affect the cost and/or execution of the work, and having carefully examined the specifications and drawings named above, the Undersigned Bidder hereby agrees to provide all plant, labor, materials, supplies equipment, transportation and other facilities necessary and proper for, or incidental to, or required for complete and satisfactory execution of work. For a one-time lump sum bid, which shall include the allowance(s) and unit price total(s):

Base-Bid: _____ (\$ _____)
(written amount) (numerical amount)

ALLOWANCES

ALLOWANCES below, which include labor, materials, taxes, insurance, overhead, profit and other costs in connection therewith, shall be included in the Base-Bid proposal for the quantities listed. Allowances listed shall include all incidental items required to render the allowance fully complete and operational whether specifically referenced or not. Any unused allowances shall be deducted from the contract value at the stated amount.

Contingency Allowance No. 01: Include in the Base-Bid a contingency allowance amount of \$50,000 (fifty thousand dollars and no cents) for additional work, as allowed by applicable law, and as directed by the Architect and approved by the Owner.

ALTERNATES

ALTERNATE BIDS below to be executed by the Undersigned Bidder in accordance with the Specifications and Drawings for the Addition to (ADD) to the Base Bid as follows.

All costs listed for each alternate shall include costs of related coordination, revision, or adjustment.

All Prime Bidders shall complete the schedule for each Alternate Bid. If the Alternate Bid does not pertain to a particular trade or if there is no cost associated with the Alternate, input "No Dollar Change" in that space. Prime Bidders shall be required to bid on all alternates listed under their contract Alternate Bids.

Note: *Owner reserves the right to select from any listed Alternate as deemed in the best interest of the Mount Holly Board of Education, in accordance with applicable law.*

SCHEDULE OF CONSTRUCTION ALTERNATES

ALTERNATE BID 01 – SOUND-ABSORBING WALL UNITS: Acoustical wall panels as shown on the drawings and as specified. For a lump sum total of:

(ADD)

(written amount) (\$ _____)
(numerical amount)

ALTERNATE BID 02 – CYCLORAMA CURTAIN, RIGGING, & LIGHTING SYSTEM: Provide and install cyclorama curtain and associated rigging and cyclorama lighting fixtures, including mounting and aiming of fixtures. For a lump sum total of:

(ADD)

(written amount) (\$ _____)
(numerical amount)

ALTERNATE BID 03 – REMOVE AND REPLACE EXISTING ACOUSTICAL PANEL CEILINGS & GRID: Remove and replace existing acoustical panel ceiling and grid system at the rear of the Auditorium with new specified acoustical panel ceilings and grid system. Work included the removal and reinstallation of all existing ceiling-mounted components. For a lump sum total of:

(ADD)

(written amount) (\$ _____)
(numerical amount)

HOLD HARMLESS AGREEMENT: By submitting and executing a bid, the Bidder, if corporation, also responsible individual of corporation signing individually and as a partnership, agrees to indemnify and hold harmless the Owner, Construction Manager, Architect, and their agents and employees, from all and against all claims, damages, losses, and expenses, including reasonable attorney's fees in case it shall be necessary to file an action, arising out of bodily injury, illness or death, or for property damage, by the Contractor negligent, reckless or intentional acts or omission or that of a Subcontractor, or that of anyone employed by them or for whose acts contractor or subcontractor may be liable. This indemnification and agreement shall apply in all instances whether Owner, Architect is made a party to the action by third-party in-pleading or is made party to a collateral action arising, in whole or in part, from any of the issues emanating from the original cause of action or claim.

TIME OF COMPLETION: The Undersigned Bidder agrees to complete the work as indicated in the Advertisement, (Bidder is referred to AIA GENERAL CONDITIONS, Par. 8.1).

AUDITORIUM RENOVATION - F.W. HOLBEIN SCHOOL
REGAN YOUNG ENGLAND BUTERA, PC PROJECT #5733A

ATTACHED TO THIS BID are the following documents (Fill in all blank spaces. Failure to comply may be cause for rejection of bid.).

DOCUMENTS ACCOMPANYING BID

Failure to provide all required documents and required number of copies may be cause for disqualification and rejection of bid. Documents referenced as "Mandatory Documents" must be submitted with the Bid.

Bidders checklist: Bidder should submit the following required documents in the order listed below & place an "X" in the box next to each item provided.

1. ☐ Form of Bid. Section 002000. **(Mandatory Document).**
2. ☐ New Jersey DPMC Notice of Contractor Classification, in accordance with N.J.S.A. 18A:18A-26 et seq. and N.J.S.A 18A:18A-32. **(Mandatory Document).**
3. ☐ New Jersey DPMC Total Amount of Uncompleted Contracts (DPMC Form 701), in accordance with N.J.S.A. 18A:18A-26 et seq. and N.J.S.A 18A:18A-32. **(Mandatory Document).**
4. ☐ Bid Guarantee in the form of a Bid Bond, certified check or cashier's check in the amount of 10% of the Base Bid, but in any event not more than \$20,000.00. The Bid Security must be in a form consistent with the statutory requirements of the State of New Jersey, in accordance with N.J.S.A. 18A:18A-24. **(Mandatory Document).**
5. ☐ Consent of Surety: Section 002800, or similar, in accordance with N.J.S.A. 18A:18A-25. **(Mandatory Document).**
6. ☐ Surety Company & Agency Information: Section 002801.
7. ☐ Ownership Disclosure Statement: Section 002900, in accordance with N.J.S.A 52:25-24.2. **(Mandatory Document).**
8. ☐ Non-Collusion Affidavit: Section 002950.
9. ☐ No Material Change of Circumstances: Section 002960, in accordance with N.J.S.A. 18A:18A-26 et seq. and N.J.S.A 18A:18A-32. **(Mandatory Document).**
10. ☐ Contractor's Sworn Contractor Certification. Section 004580.

AUDITORIUM RENOVATION - F.W. HOLBEIN SCHOOL
REGAN YOUNG ENGLAND BUTERA, PC PROJECT #5733A

11. ☐ List of Listed Trade Subcontractors: Section 005290, in accordance with N.J.S.A.18A:18A-18. **(Mandatory Document).**

For each listed trade subcontractor, attached a copy of:

- ☐ A. DPMC Notice of Classification. **(Mandatory Document).**
- ☐ B. Total Amount of Uncompleted Contracts Affidavit (DPMC Form 701). **(Mandatory Document).**
- ☐ C. No Material Change of Circumstances: Section 002960. **(Mandatory Document).**
- ☐ D. Contractor's Sworn Contractor Certification. Section 004580; and
- Credentials 1, and 2 listed below must be stapled to this certification.**
- ☐ 1. Business Registration Certificate issued by the Department of Treasury.
- ☐ 2. Contractor or trade license. (Not applicable for General Contractor or Structural Steel).
- ☐ E. Evidence of listed trade Subcontractor's performance security. (Required only if Bidders Bid Bond does not cover Bidders Prime subcontractors.) (Attach to Prime Bidder's Bid Bond).

12. ☐ **ONE (1)** Copy of all required documents.

DOCUMENTS SHOULD BE PROVIDED BY THE SUCCESSFUL BIDDERS PRIOR TO THE AWARD OF CONTRACT

Documents referenced as "Mandatory Documents" must be submitted prior to the Award of the Contract.

1. Public Works Contractor Registration Certificate from the New Jersey Department of Labor in accordance with the "Public Works Contractor Registration Act", in accordance with N.J.S.A. 34:11-56.48 et seq. **(Mandatory Document).**
2. Federal Debarment Certification: Form of certification stating that bidder is not currently debarred, suspended or disqualified under N.J.S.A. 52:32-44.1. Section 002970. **(Mandatory Document).**
3. Business Registration of Public Contractors from the New Jersey Division of Taxation in accordance with N.J.S.A. 52:32-44. **(Mandatory Document).**
4. Business Registration Certificate from the New Jersey Division of Taxation, in accordance with N.J.S.A. 52:32-44, and the Public Works Contractor Registration Certificate from the New Jersey Department of Labor in accordance with the "Public Works

AUDITORIUM RENOVATION - F.W. HOLBEIN SCHOOL
REGAN YOUNG ENGLAND BUTERA, PC PROJECT #5733A

Contractor Registration Act”, in accordance with N.J.S.A. 34:11-56.48 et seq. of the Listed Trade Subcontractors. **(Mandatory Document).**

5. Prevailing Wage Rates Certification: Section 004595, in accordance with P.L. 2021, c.301; A4869 and S2414.

6. Political Contribution Disclosure Form: Section 004590, in accordance with N.J.S.A. 19:44A-20.26. **(Mandatory Document).**

7. Disclosure of Investment Activities in Iran Form: Section 004597, in accordance with N.J.S.A. 52:32-57. **(Mandatory Document).**

**DOCUMENTS TO BE PROVIDED BY THE SUCCESSFUL BIDDER AFTER THE
NOTICE OF AWARD AND PRIOR TO THE EXECUTION OF THE
CONTRACT**

1. Affirmative Action Evidence for Construction Projects & Mandatory Equal Opportunity Language: Section 002850, in accordance with N.J.S.A 10:5-32 et seq. and N.J.A.C. 17:27-3.1 and N.J.A.C. 17:27-6.2.

IF AWARDED CONTRACT, the Undersigned Bidder agrees to execute the AGREEMENT and to furnish the required Performance and Payment Bonds and evidence of required insurance as soon as practicable after Notice of Acceptance of bid or in any event not later than 10 calendar days after receipt of such notification.

If the Undersigned Bidder fails to execute AGREEMENT and furnish required bond and evidence of insurance, the Bid Security accompanying this Bid will be forfeited to the Owner as liquidated damages for the delay and loss caused to the Owner by reason of such failure by the Undersigned Bidder.

THE UNDERSIGNED BIDDER HAS COMPLIED with all requirements concerning licensing and with all Local, State and Federal laws. No legal requirement has been violated in making this Bid nor will be violated in the execution of the Work if this Bid is accepted.

In addition, the undersigned hereby certifies that there has been no material adverse change in the qualification information last submitted to the New Jersey Department of Treasury pursuant to N.J.S.A. 18A:18A-28.

AWARD OF CONTRACT

A Contract shall be awarded for all of the work and materials required to complete the project, unless all bids are rejected, to the lowest responsible bidder based on the total amount of the Base Bid and Alternates (if any), accepted by the Owner.

IT IS AGREED THAT THIS BID MAY NOT BE WITHDRAWN for a period of 60 days after the actual date of receipt of bids.

AUDITORIUM RENOVATION - F.W. HOLBEIN SCHOOL
REGAN YOUNG ENGLAND BUTERA, PC PROJECT #5733A

ACKNOWLEDGEMENT OF ADDENDA

In accordance with N.J.S.A. 18A:18A-21(c) and (d), notification of and the receipt of the following addenda is acknowledged by the Undersigned bidder (List by Addendum number and Addendum date):

<u>ADDENDUM NO.</u>	<u>DATED</u>	<u>ADDENDUM NO.</u>	<u>DATED</u>
_____	_____	_____	_____
_____	_____	_____	_____

☐ Check box if no Addendum was received.

Respectfully submitted this _____ day of _____ 20_____.

_____(Name of Firm)

By: _____ L.S.
Print

*(SEAL IF BIDDER
IS A CORPORATION)

Signature

Title

END OF SECTION 002000

SECTION 098433 - SOUND-ABSORBING WALL UNITS (AMENDED)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes shop-fabricated, impact-resistant acoustical panel units tested for acoustical performance, including the following:
 - 1. Sound-absorbing wall panels.

1.3 DEFINITIONS

- A. NRC: Noise Reduction Coefficient.
- B. SAA: Sound Absorption Average.

1.4 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include fabric facing, panel edge, core material, and mounting indicated.
- B. Sustainable Design Submittals.
- C. Shop Drawings: For unit assembly and installation.
 - 1. Include plans, elevations, sections, and mounting devices and details.
 - 2. Include details at panel head, base, joints, and corners; and details at ceiling, floor base, and wall intersections. Indicate panel edge profile and core materials.
 - 3. Include details at cutouts and penetrations for other work.
 - 4. Include direction of fabric weave and pattern matching.
- D. Samples for Initial Selection: For each type of fabric facing.

1. Include Samples of hardware and accessories involving color or finish selection.

E. Samples for Verification: For the following products:

1. Fabric: Full-width by approximately 36-inch- (900-mm-) long Sample, but not smaller than required to show complete pattern repeat, from dye lot to be used for the Work, and with specified treatments applied. Mark top and face of fabric.
2. Panel Edge: 12-inch- (300-mm-) long Sample(s) showing each edge profile, corner, and finish.
3. Core Material: 12-inch- (300-mm-) square Sample at corner.
4. Mounting Devices: Full-size Samples.
5. Assembled Panels: Approximately 36 by 36 inches (900 by 900 mm), including joints and mounting methods.

1.6 INFORMATIONAL SUBMITTALS

A. Coordination Drawings: Elevations and other details, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:

1. Electrical outlets, switches, and thermostats.
2. Items penetrating or covered by units including the following:
 - a. Lighting fixtures.
 - b. Air outlets and inlets.
 - c. Speakers.
 - d. Alarms.

B. Product Certificates: For each type of unit.

C. Sample Warranty: For manufacturer's special warranty.

1.7 CLOSEOUT SUBMITTALS

A. Maintenance Data: For each type of unit to include in maintenance manuals. Include fabric manufacturers' written cleaning and stain-removal instructions.

1.8 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials from same production run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Fabric: For each fabric, color, and pattern installed, provide length equal to 10 percent of amount installed, but no fewer than 10 sq. yd. (9 sq. m), full width of bolt.
2. Mounting Devices: Full-size units equal to 5 percent of amount installed, but no fewer than five devices, including unopened adhesives.

1.9 QUALITY ASSURANCE

- A. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials, fabrication, and installation.
 - 1. Build mockup of typical wall area 48 inches (1200 mm) wide by full height. Include intersection of wall and ceiling, corners, and perimeters.
 - 2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
 - 3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.10 DELIVERY, STORAGE, AND HANDLING

- A. Comply with fabric and unit manufacturers' written instructions for minimum and maximum temperature and humidity requirements for shipment, storage, and handling.
- B. Deliver materials and units in unopened bundles and store in a temperature-controlled dry place with adequate air circulation.

1.11 FIELD CONDITIONS

- A. Environmental Limitations: Do not install units until spaces are enclosed and weathertight, wet-work in spaces is complete and dry, work at and above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Lighting: Do not install units until a permanent level of lighting is provided on surfaces to receive the units.
- C. Air-Quality Limitations: Protect units from exposure to airborne odors, such as tobacco smoke, and install units under conditions free from odor contamination of ambient air.
- D. Field Measurements: Verify unit locations and actual dimensions of openings and penetrations by field measurements before fabrication, and indicate them on Shop Drawings.

1.12 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace units and components that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to the following:
 - a. Acoustical performance.
 - b. Fabric sagging, distorting, or releasing from panel edge.
 - c. Warping of core.

2. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Source Limitations: Obtain wall units specified in this Section from single source from single manufacturer.

2.2 PERFORMANCE REQUIREMENTS

- A. Fire-Test-Response Characteristics: Units shall comply with "Surface-Burning Characteristics" or "Fire Growth Contribution" Subparagraph below, or both, as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:
 1. Surface-Burning Characteristics: Comply with ASTM E84 or UL 723; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 - a. Flame-Spread Index: 25 or less.
 - b. Smoke-Developed Index: 450 or less.
 2. Fire Growth Contribution: Comply with acceptance criteria of local code and authorities having jurisdiction when tested according to NFPA 265 Method B Protocol or NFPA 286.

2.3 SOUND-ABSORBING WALL UNITS

- A. Sound-Absorbing Wall Panel: Manufacturer's standard panel construction consisting of facing material laminated to front face, edges, and back edge border of core or stretched over front face of edge-framed core and bonded or attached to edges and back of frame.
 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
 - a. Acoustical Solutions; AlphaSorb.
 - b. Conwed; Respond HI.
 - c. Decoustics; CertainTeed Architectural Products; a Saint Gobain company; High Impact Resilient Acoustical Wall Panel.
 - d. Kinetics Noise Control, Inc.; High Impact HardSide.
 - e. Approved equal.
 2. Minimum Thickness: not less than 2-inches thick.

3. Composition: 0.85 minimum.
4. Panel Shape: Flat.
5. Mounting: Edge mounted with splines secured to substrate.
 - a. Finish Color at Exposed Edges: As selected by Architect from manufacturer's full range.
6. Mounting: Back mounted with manufacturer's standard adhesive, secured to substrate.
7. Core: Manufacturer's standard.
 - a. Core-Face Layer: Manufacturer's standard impact-resistant, acoustically transparent, copolymer sheet.
8. Edge Construction: Manufacturer's standard chemically hardened core with no frame.
9. Edge Profile: Chamfered (beveled).
10. Corner Detail in Elevation: Square with continuous edge profile indicated.
11. Reveals between Panels: reveals as selected by Architect from manufacturer's full range.
12. Facing Material: As selected by Architect from Manufacturer's full range.
13. Facing material Colors: As selected by Architect from Manufacturer's standards. Multiple colors and combinations may be selected.
14. Acoustical Performance: Sound absorption NRC of 0.85 minimum according to ASTM C423 for Type A mounting according to ASTM E795.
15. Nominal Overall Panel Thickness: 2-inch minimum.
16. Panel Width: As indicated on Drawings.
17. Panel Height: As indicated on Drawings.

2.4 MATERIALS

A. Core Materials: Manufacturer's standard.

1. Glass-Fiber Board: ASTM C612; of type standard with manufacturer; nominal density of 6 to 7 lb/cu. ft. (96 to 112 kg/cu. m), unfaced, and dimensionally stable, molded rigid board; and with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively.
2. Fire-Retardant Formed Plastic: Manufacturer's standard formed plastic with flame-spread index of 25 or less and smoke-developed index of 25 or less according to ASTM E84 or UL 723.
 - a. Fire-retardant panels made from softwood fibers, synthetic resins, and fire-retardant chemicals mixed together at time of panel manufacture to achieve flame-spread index of 25 or less and smoke-developed index of 200 or less per ASTM E84 or UL 723.
3. Impact-Resistant, Acoustically Transparent, Copolymer Sheet for Face Layer: 1/16- to 1/8-inch- (1.6- to 3.2-mm-) thick layer of perforated, noncombustible, copolymer sheet laminated to face of core.

4. Wood and Plywood: Manufacturer's standard plywood or clear, vertical grain, straight, kiln-dried hardwood.
 - a. Fire-retardant treated by pressure process with a flame-spread index of 25 or less when tested according to ASTM E84 or UL 723, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 feet (3.2 m) beyond the centerline of the burners at any time during the test.
 - 1) Treated material shall have a moisture content of 28 percent or less when tested according to ASTM D3201/D3201M at 92 percent relative humidity.
 - 2) Kiln-dry material after treatment to 19 percent or less for lumber and 15 percent or less for plywood.
- B. Facing Material: Fabric from same dye lot; color and pattern as selected by Architect from manufacturer's full range.
- C. Mounting Devices: Concealed on back of unit, recommended by manufacturer to support weight of unit, and as follows:
 1. Splines: Manufacturer's standard concealed metal or plastic splines that engage the kerfed edges of the unit, with other moldings and trim for interior corners, exterior corners, and exposed edges, with factory-applied finish on exposed items.
 2. Impaling Clips: Manufacturer's standard.
 3. Magnetic Strip or Devices: [Manufacturer's standard] <Insert requirement>.

2.5 FABRICATION

- A. Standard Construction: Use manufacturer's standard construction unless otherwise indicated; with facing material applied to face, edges, and back border of dimensionally stable core; and with rigid edges to reinforce panel perimeter against warpage and damage.
- B. Edge Hardening: For glass-fiber board cores, chemically harden core edges and areas of core where mounting devices are attached.
- C. Core-Face Layer: Evenly stretched over core face and edges and securely attached to core; free from puckers, ripples, wrinkles, or sags.
- D. Facing Material: Apply fabric facing fully covering visible surfaces of unit; with material stretched straight, on the grain, tight, square, and free from puckers, ripples, wrinkles, sags, blisters, seams, adhesive, or other visible distortions or foreign matter.
 1. Radius and Other Nonsquare Corners: Attach facing material so there are no seams or gathering of material.
 2. Fabrics with Directional or Repeating Patterns or Directional Weave: Mark fabric top and attach fabric in same direction so pattern or weave matches in adjacent units.
- E. Dimensional Tolerances of Finished Units: Plus or minus 1/16 inch (1.6 mm) for the following:

AUDITORIUM RENOVATION - F.W. HOLBEIN SCHOOL
REGAN YOUNG ENGLAND BUTERA, PC PROJECT #5733A

1. Thickness.
2. Edge straightness.
3. Overall length and width.
4. Squareness from corner to corner.
5. Chords, radii, and diameters.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine fabric, fabricated units, substrates, areas, and conditions for compliance with requirements, installation tolerances, and other conditions affecting unit performance.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install units in locations indicated. Unless otherwise indicated, install units with vertical surfaces and edges plumb, top edges level and in alignment with other units, faces flush, and scribed to fit adjoining work accurately at borders and at penetrations.
- B. Comply with manufacturer's written instructions for installation of units using type of mounting devices indicated. Mount units securely to supporting substrate.
- C. Align fabric pattern and grain with adjacent units.

3.3 INSTALLATION TOLERANCES

- A. Variation from Plumb and Level: Plus or minus 1/16 inch (1.6 mm) in 48 inches (1200 mm), noncumulative.
- B. Variation of Joint Width: Not more than 1/16-inch (1.6-mm) variation from reveal line in 48 inches (1200 mm), noncumulative.

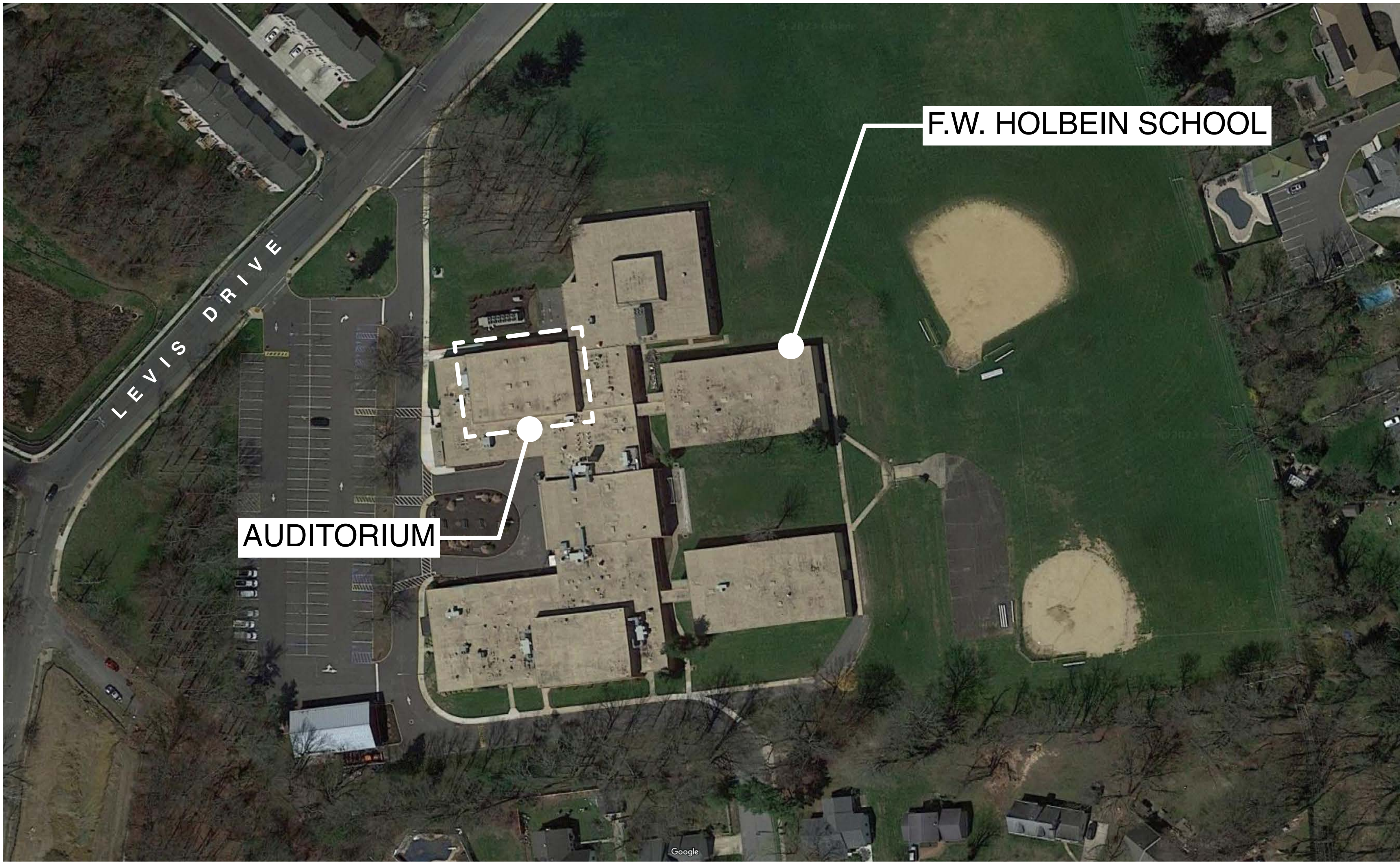
3.4 CLEANING

- A. Clip loose threads; remove pills and extraneous materials.
- B. Clean panels on completion of installation to remove dust and other foreign materials according to manufacturer's written instructions.

END OF SECTION 098433

AUDITORIUM RENOVATION

F.W. HOLBEIN SCHOOL
333 LEVIS DRIVE
BLOCK 41.05, LOT 12.09
MOUNT HOLLY, BURLINGTON COUNTY, NJ 08060



OWNER:
MOUNT HOLLY TOWNSHIP BOARD OF EDUCATION
331 LEVIS DRIVE
MOUNT HOLLY, NJ 08060
609-267-7108 / 609-702-9082 FAX

ARCHITECT:
REGAN YOUNG ENGLAND BUTERA, PC
456 HIGH STREET
MOUNT HOLLY, NJ 08060
609-265-2652 / 609-265-0333 FAX

ELECTRICAL:
SCHILLER & HERSH ASSOCIATES, INC.
636 SKIPPACK PIKE
SUITE 200
BLUE BELL, PA 19422
215-886-8947 / 215-886-8956 FAX

CONSTRUCTION MANAGER:
NEW ROAD CONSTRUCTION MANAGEMENT CO., INC.
1876 GREENTREE ROAD
CHERRY HILL, NJ 08003
856-424-8888 / 856-424-1688 FAX

LIST OF DRAWINGS:

All Contractors shall examine all drawings indicated herein for required coordination between different trades and/or for work included in other sections of the Project Manual that may pertain to their respective contract.

CS COVER SHEET 1

ARCHITECTURAL DRAWINGS

- A-100 EGRESS PLAN
- A-101 DEMOLITION PLANS & INTERIOR ELEVATIONS
- A-102 NEW WORK PLANS & INTERIOR ELEVATIONS
- A-103 ENLARGED PLANS & DETAILS
- A-104 ENLARGED INTERIOR ELEVATIONS & DETAILS
- A-105 DETAILS
- A-106 EXISTING CONDITIONS PHOTOS

ELECTRICAL DRAWINGS

- E-001 ELECTRICAL COVER SHEET
- ED-101 LIGHTING DEMOLITION PLAN
- ED-102 ELECTRICAL DEMOLITION PLAN
- E-101 LIGHTING NEW WORK PLAN
- E-102 ELECTRICAL & LIGHTING NEW WORK PLAN
- E-103 NOT USED
- E-104 THEATRICAL LIGHTING CONTROLS
- E-105 ELECTRICAL SCHEDULES & DETAILS
- E-200 AUDIO-VISUAL COVER SHEET
- E-201 AUDIO-VISUAL NEW WORK PLAN
- E-202 AUDIO-VISUAL NEW WORK PLAN

ENVIRONMENTAL DRAWINGS

- HA1.01 HAZARDOUS MATERIALS ABATEMENT PLAN

CONSTRUCTION NOTES:

SCOPE OF WORK:
Contractor(s) shall comply with the current NEW JERSEY UNIFORM CONSTRUCTION CODE (UCC) REHABILITATION SUBCODE & all applicable subcodes, ordinances & regulations of federal, state, municipal, & other governing bodies.
Contractor(s) shall be solely responsible for & have control over construction means, methods, techniques, sequences & procedures, shoring & bracing, jobsite safety, & for coordinating all portions of work.
Prior to submitting a bid, the Contractor(s) shall visit the site of the Work & shall thoroughly familiarize themselves w/ the exist'g conditions affecting the work & shall report any errors to the Arch't. By the act of submitting a bid, the Contractor(s) shall be deemed to have made such an examination, to have accepted such conditions, and to have made allowance therefore in preparing their bid. No additional compensation will be granted on the account of extra work made necessary by the Contractor's failure to investigate such exist'g conditions. Contractor(s) shall perform the Work in accordance with the documents or assume responsibility for corrections.
Contractor shall keep the premises & surrounding area free from accumulation of waste mat's & rubbish caused by operations under the Contract. At completion of the Work the Contractor shall remove from & about the Project waste mat's, rubbish, the Contractor's tools, construction equipment, machinery, & surplus mat's.
General Contractor shall be responsible for all temporary utilities restroom facilities.
PERMITS:
General Contractor shall be responsible for providing all necessary permits.
Complete building permit application and file with authorities having jurisdiction within five days of the Notice to Proceed or the date of execution of the Contract, whichever is later.
Fees shall be paid for by the Owner or reimbursed after submission of receipt to Architect for Owner's payment.
DIMENSIONS:
Are to outside surface of finish mat's unless shown otherwise.
All dimensions are nominal and shall be field verified.
WARRANTY:
Contractor shall unconditionally warranty their work to be free of defects in materials and workmanship for a period of two (2) years from the date of Substantial Completion.
Products shall carry a Manufacturer's warranty for a minimum of two (2) years from the date of Substantial Completion or as indicated in the Manufacturer's warranty documentation provided w/ the product, whichever is greater.
Any defects found w/in the warranty period shall be repaired or replaced w/o additional cost to the Owner.
DEMOLITION:
Prior to commencement of the Work, the Contractor shall survey the exist'g conditions & record them by use of preconstruction photographs &/or videotapes (or as per Section 013233 - Photographic Documentation of the Project Manual). Provide Architect with an electronic copy of the survey.
Prior to the commencement of the Work, the Contractor shall verify through the Owner's fire alarm vendor, (Add vendor contact info or indicated in Section 024119 Selective Demolition of the Project Manual) the status of the entire exist'g fire alarm system & submit a written report indicating the status of the system & list all devices that are inoperative. Otherwise, the Contractor takes full responsibility for all non-functioning devices.
Do not proceed w/ any interruption of services w/o Owner's written permission.
Doors, frames & hardware shall not be removed until replacements have been delivered to the Project Site.
Prior to the commencement of the Work, the Contractor shall review with the Owner all mat's & equipment to be removed. Should the Owner opt to keep any items, the Contractor shall salvage & deliver the items to the Owner on the site where so directed & properly dispose of all other demolition & construction mat's.
Remove all interior walls, flooring & c/g finishes, fixtures & other items as noted on dwgs.
Protect existing flooring to remain during the construction period with covering of hardboard panels or other suitable material. Do not use paper or plastic sheeting. Do not move heavy and sharp objects directly over exist'g or proposed flooring. Protect flooring as indicated above to prevent damage from storing or moving objects over flooring.
Refer to Electrical documents for additional requirements.
REPAIR, PATCH & PAINT:
All areas disturbed during demolition & construction shall match adjacent mat's & finishes at project completion.
Exist'g openings in c/gs & walls shall be patched to match adjacent mat's & finishes.
Scrape, clean & patch exist'g concrete floor to provide an acceptable level floor. Prepare surface to receive specified floor finish.
EXISTING CONCRETE FLOOR:
Contractor is responsible for preparing, finishing and all required testing of the concrete slabs in accordance with the most stringent requirements of the finish floor systems specified and selected by the Owner.
Scrape, shot blast, clean & patch as per ASTM D4259, *Standard Practice for Abrading Concrete* to expose bare concrete & provide an acceptable level floor. Prepare surface to receive specified floor finish.
Contractor shall ensure that the existing concrete work complies with the requirements of the finish floor manufacturer(s) selected for use on this project. This includes, but is not limited to, tolerances and conditions, rapid relative humidity testing as per ASTM F2170, *Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes*, bond testing, and alkalinity testing.
General Contractor shall supply the Architect with copies of all test results, the finish floor manufacturer's concrete subfloor requirements, and letters of acceptance from the finish floor manufacturer(s) prior to proceeding with the concrete subfloor work.
The use of curing compounds on subfloors where finish floor manufacturers prohibit their use shall not be permitted.
Where cement based interior self-level'g underlayment is req'd, it shall be the responsibility of the Contractor to provide an underlayment compatible with the specified finish floor.
Where new concrete is req'd, it shall be the responsibility of the Contractor to review the intended concrete design mix with the limitations imposed by the finish floor manufacturers, and if necessary, make recommendations to the Architect of an amended design mix that would better facilitate the standards of the finish floor manufacturer's requirements. No additional compensation shall be awarded for the use of an alternative design mix.
The use of curing compounds on subfloors where finish floor manufacturers prohibit their use shall not be permitted.
Contractor shall be required to employ whatever means necessary to meet the requirements of the finish floor manufacturers for concrete slabs without additional compensation or time extension.
STRUCTURE:
Minimum Uniformly Distributed (PSF) & Concentrated (LBS) Live Loads - (IBC - NJ 2021 Tables 1607.1)
Assembly areas, Fixed seats (fastened to floor) 60 PSF
Assembly areas, Stage floors 150 PSF
Assembly areas, Platforms 100 PSF
Assembly areas, Follow spot, projections and control rooms 50 PSF
Catwalks for maintenance and service access 40 PSF, 300 LBS
INTERIOR WALLS:
Follow drawings for interior wall types.
Diagonally brace load-bearing interior walls.
DOORS:
Door handles, pulls, latches, locks & other operating devices max 48" AFF.
Key as directed by Owner.
WORK SURFACES:
Provide solid surface finish on all new work surfaces.
Heights & clearances shall accommodate provisions set forth in ANSI A117.1, 2017 edition & the ADA.
Provide all required blocking & supports for all wall mounted items.

SUBCODES

THE FOLLOWING SUBCODES AS ADOPTED BY THE NEW JERSEY UNIFORM CONSTRUCTION CODE (NJAC 5:23 et seq.) SHALL APPLY TO THIS PROJECT.

SUBCODE	NATIONAL MODEL CODE	UCC REFERENCE
BUILDING	INTERNATIONAL BUILDING CODE NJ ED/2021	NJAC 5:23-3.14
PLUMBING	NATIONAL PLUMBING CODE /2021	NJAC 5:23-3.15
ELECTRICAL	NATIONAL ELECTRICAL CODE /2020	NJAC 5:23-3.16
ENERGY	ASHRAE 90.1-2019	NJAC 5:23-3.18
MECHANICAL	INTERNATIONAL MECHANICAL CODE /2021	NJAC 5:23-3.20
FUEL GAS	INTERNATIONAL FUEL GAS CODE /2021	NJAC 5:23-3.22
REHABILITATION	REHABILITATION SUBCODE RENOVATION 6.5 AND ALTERATION 6.6	NJAC 5:23-6
BARRIER FREE	ICC/ANSI A117.1-2017	NJAC 5:23-7

PROJECT TITLE & ADDRESS:

AUDITORIUM RENOVATION
F.W. HOLBEIN SCHOOL
BLOCK 41.05, LOT 12.09
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

OWNER ADDRESS:

MOUNT HOLLY TOWNSHIP BOE
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

PROJECT NO.:

5733A

REVISION DATE:

Addendum-01 9/26/23

DRAWING DATE:

07 AUG 2023

PRINT DATE:

9/26/23

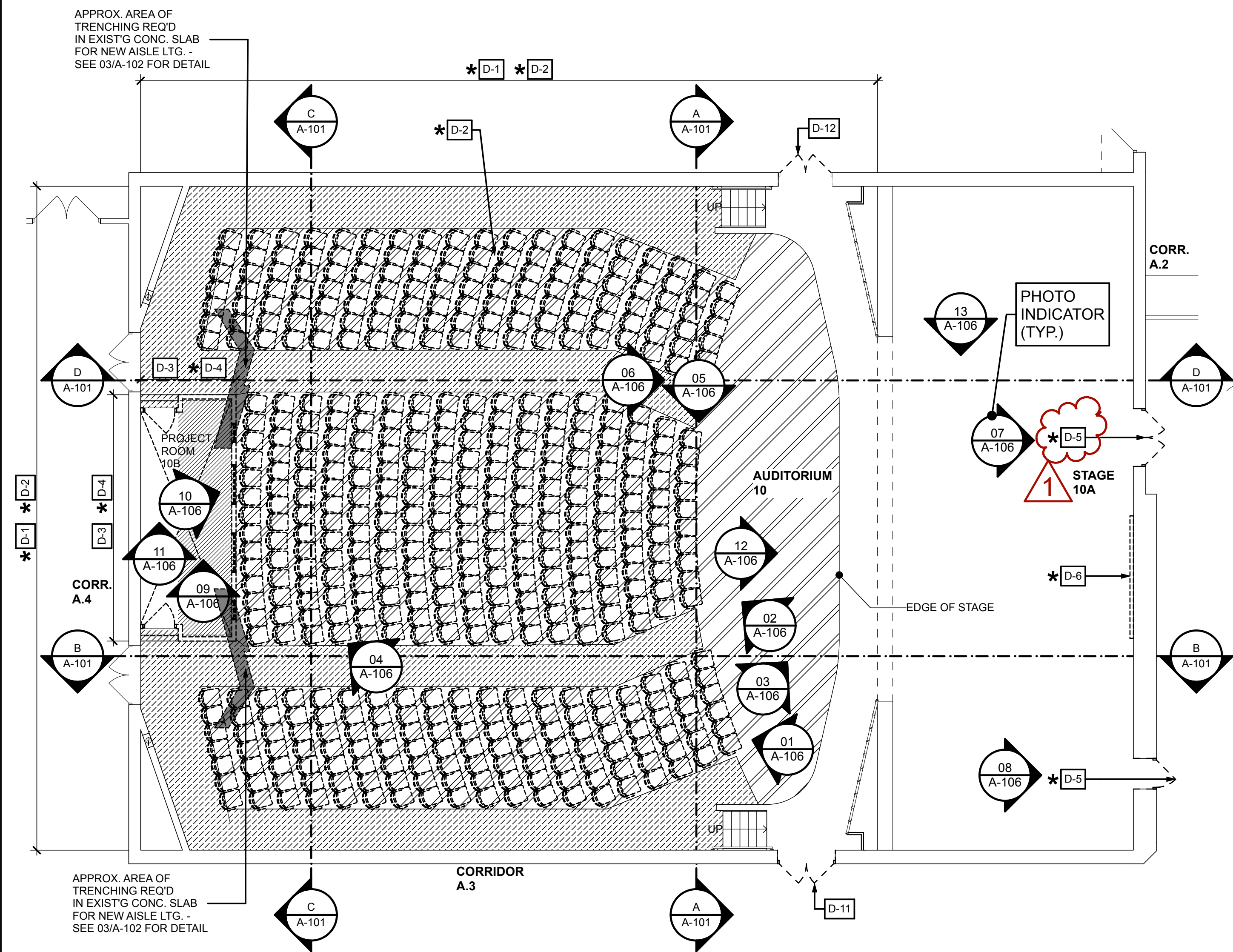
DRAWN BY:

PF

SHEET TITLE:

COVER SHEET

CS



FLOOR PLAN - DEMOLITION & PHOTO LOCATOR SCALE: 1/8" = 1'-0" 01 A-101

* ASBESTOS CAUTION - FOLLOW NOTES & SPEC SECTION 028213 FOR ADD'L INFO.

DEMO KEY NOTES

- * D-1 ASBESTOS ABATEMENT CONTRACTOR TO REMOVE ALL EXIST'G FIXED AUDITORIUM SEATING, POSTS & EMBEDDED HOLES AND FILL TO ACCOMMODATE NEW AUDITORIUM SEATING. FOLLOW SPECIFICATION SECTION 028213 FOR ADD'L INFO.
- * D-2 ASBESTOS ABATEMENT CONTRACTOR TO REMOVE ALL EXIST'G VAT FLOORING, CARPET & MASTIC THROUGHOUT. FOLLOW SPECIFICATION SECTION 028213 FOR ADD'L INFO.
- D-3 DEMOLISH ALL PROJECTION ROOM WALLS, CEILING, DOORS, ETC. IN THEIR ENTIRETY. SEE NOTE D-4 FOR ADD'L INFO.
- * D-4 ASBESTOS ABATEMENT CONTRACTOR TO DEMOLISH RAISED WOOD FLOORING, WOOD JOISTS, WOOD STEPS, VAT FLOORING & MASTIC. FOLLOW SPECIFICATION SECTION 028213 FOR ADD'L INFO.
- * D-5 ASBESTOS ABATEMENT CONTRACTOR TO DEMOLISH EXIST'G HOLLOW METAL DOORS - EXIST'G FRAME TO REMAIN. FOLLOW SPECIFICATION SECTION 028213 FOR ADD'L INFO.
- * D-6 ASBESTOS ABATEMENT CONTRACTOR TO DEMOLISH EXIST'G CHALK BOARD & MASTIC. FOLLOW SPECIFICATION SECTION 028213 FOR ADD'L INFO.
- D-7 DEMOLISH EXIST'G THEATRICAL LIGHTS, RIGGING & CHAINS IN THEIR ENTIRETY.
- D-8 REMOVE EXIST'G HOUSE LIGHTING IN ITS ENTIRETY. FOLLOW ELECTRICAL DWGS. FOR ADD'L INFO.
- D-9 DEMOLISH EXIST'G CEILING-MOUNTED PROJECTION SCREEN. FOLLOW ELECTRICAL DWGS. FOR ADD'L INFO.
- D-10 PATCH HOLES IN CMU WHERE TORMENTOR LIGHTS & BRACKETS WERE PREVIOUSLY DEMOLISHED. PREP WALL TO RECEIVE PAINT. FOLLOW ELECTRICAL DWGS. FOR ADD'L INFO.
- D-11 REMOVE EXIST'G DOORS - FRAMES TO REMAIN.
- D-12 REMOVE EXIST'G DOORS & FRAMES.
- D-13 DEMOLISH EXIST'G THEATRICAL LIGHTS, ENTIRETY. INFILL EXISTING OPENING IN PLASTER.
- D-14 REMOVE EXIST'G APC & GRID SYSTEM AND REPLACE WITH NEW. TEMPORARILY SUPPORT ALL EXIST'G CEILING-MOUNTED ITEMS TO REMAIN. SEE NEW WORK ON A102 FOR ADD'L INFORMATION. (ALTERNATE BID)

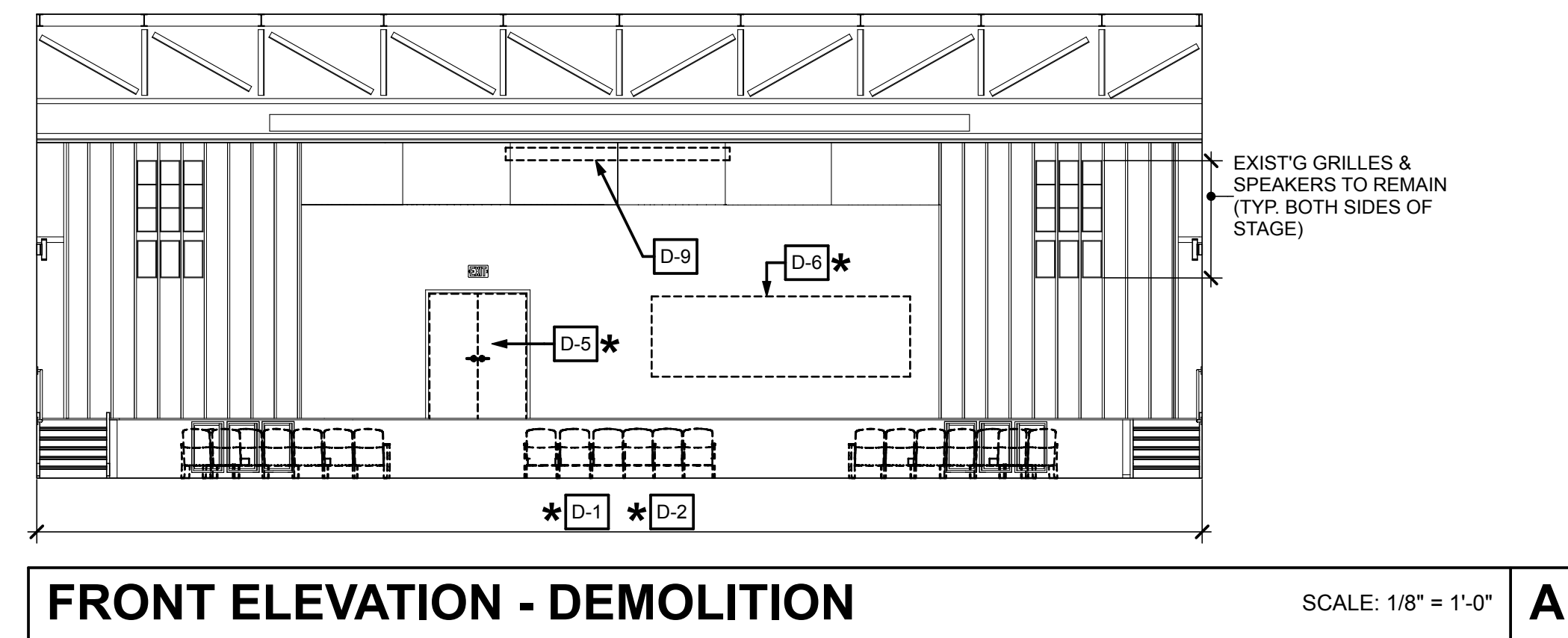
- D-15 WHERE EXISTING EMERGENCY LIGHTING HEAD IS TO BE REMOVED, PATCH HOLES & PREP SURFACE TO RECEIVE PAINT.
- D-16 WHERE EXISTING PROJECTOR WAS REMOVED, PATCH HOLES & PREP SURFACE TO RECEIVE PAINT.

EXIST'G FLOORING DEMO KEY

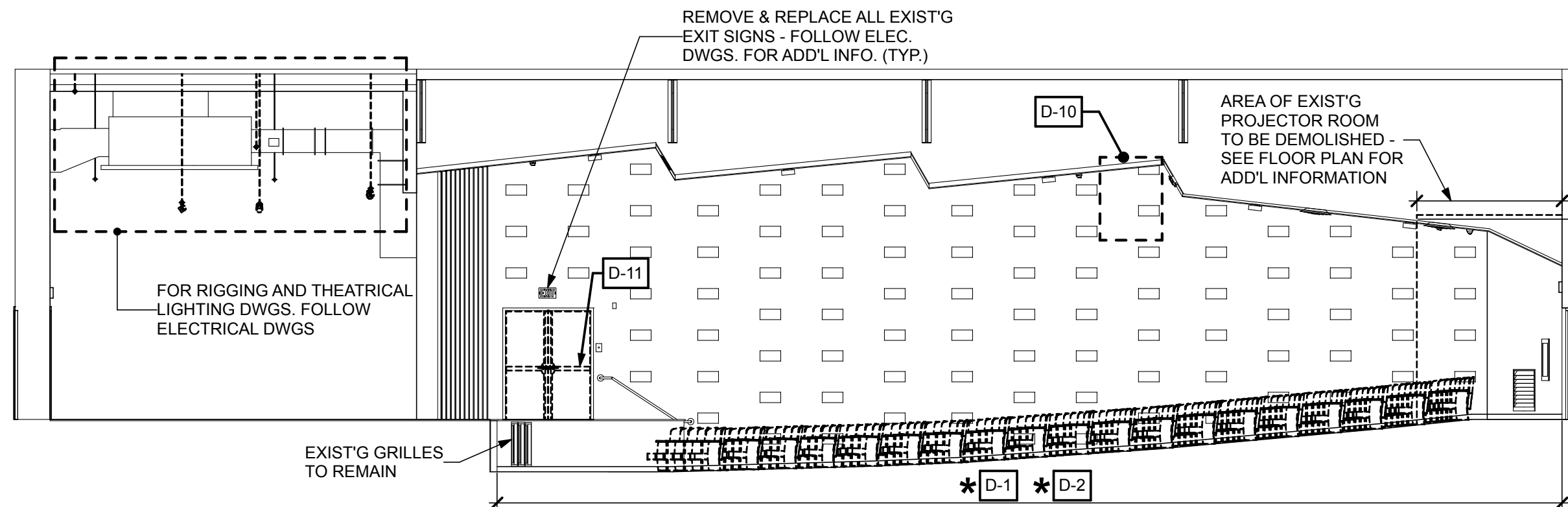
- * REMOVE CARPET & PREP EXIST'G SUBFLOOR FOR NEW VCT
- * REMOVE VAT & PREP EXIST'G SUBFLOOR FOR NEW VCT
- APPROX. AREA OF TRENCHING REQ'D IN EXIST'G CONC. SLAB FOR NEW AISLE LTG. - SEE 03/A-102 FOR DETAIL
- SAW CUT AND REMOVE EXISTING CONCRETE SLAB

DEMO GENERAL NOTES

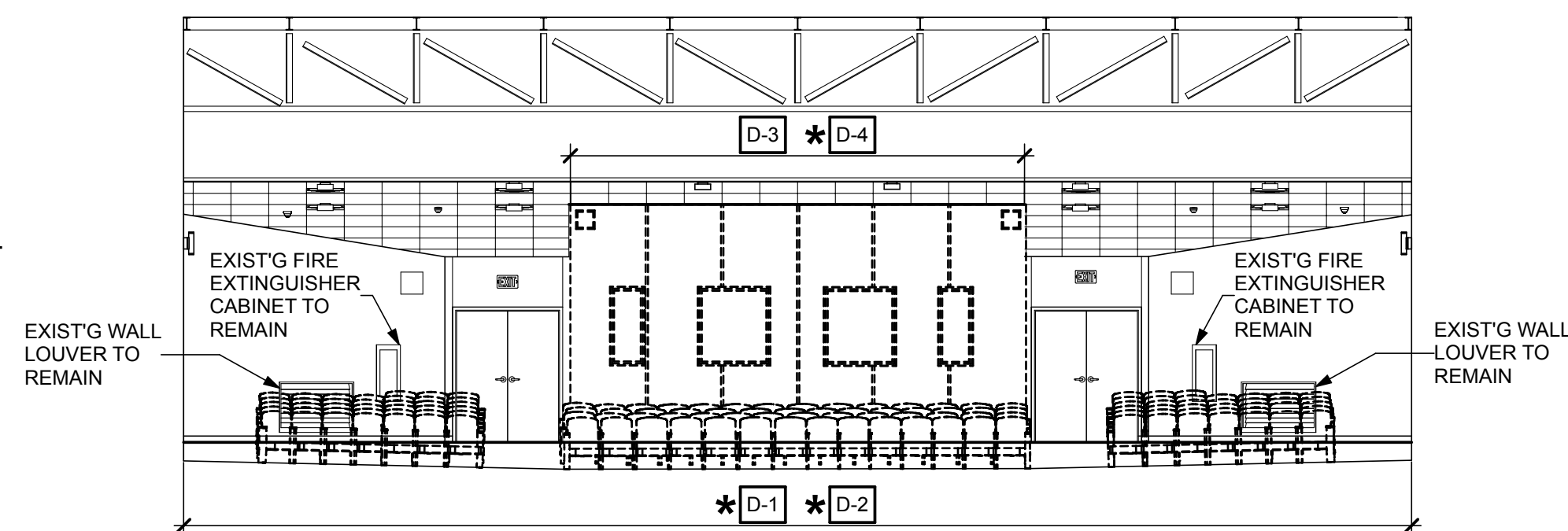
- RETURN ALL DOOR HARDWARE TO OWNER.
- FOLLOW ELECTRICAL DRAWINGS FOR ADDITIONAL INFO.
- REMOVAL & REPLACEMENT OF EXIST'G APC & GRID IS ALT-BID 03. ALL OTHER DEMOLITION WORK IS PART OF BASE BID.



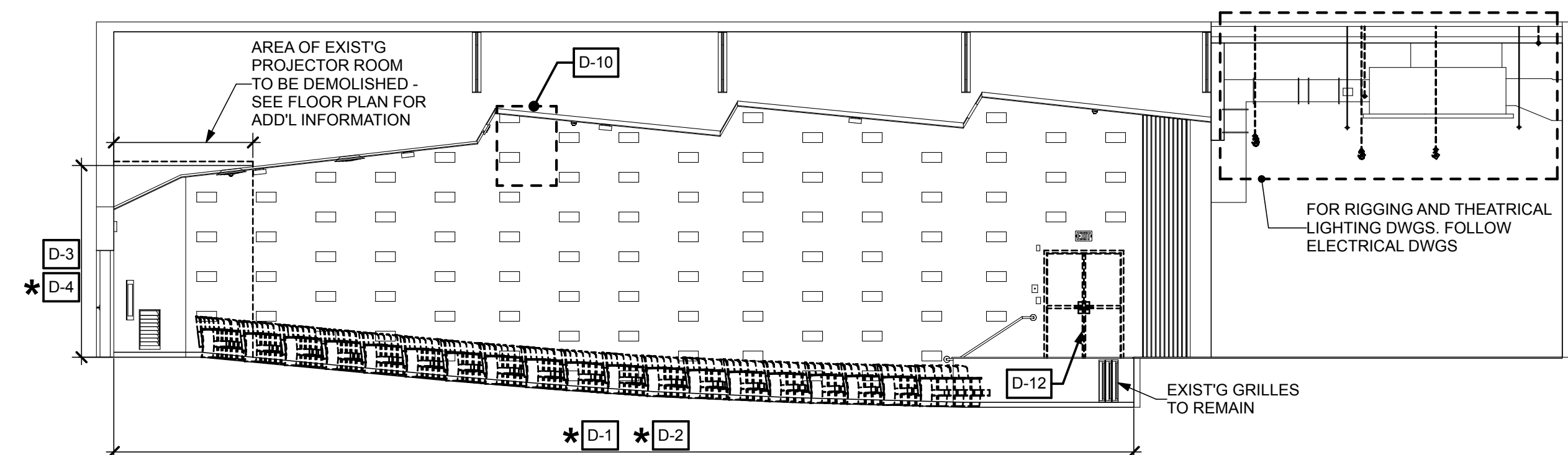
FRONT ELEVATION - DEMOLITION SCALE: 1/8" = 1'-0" A



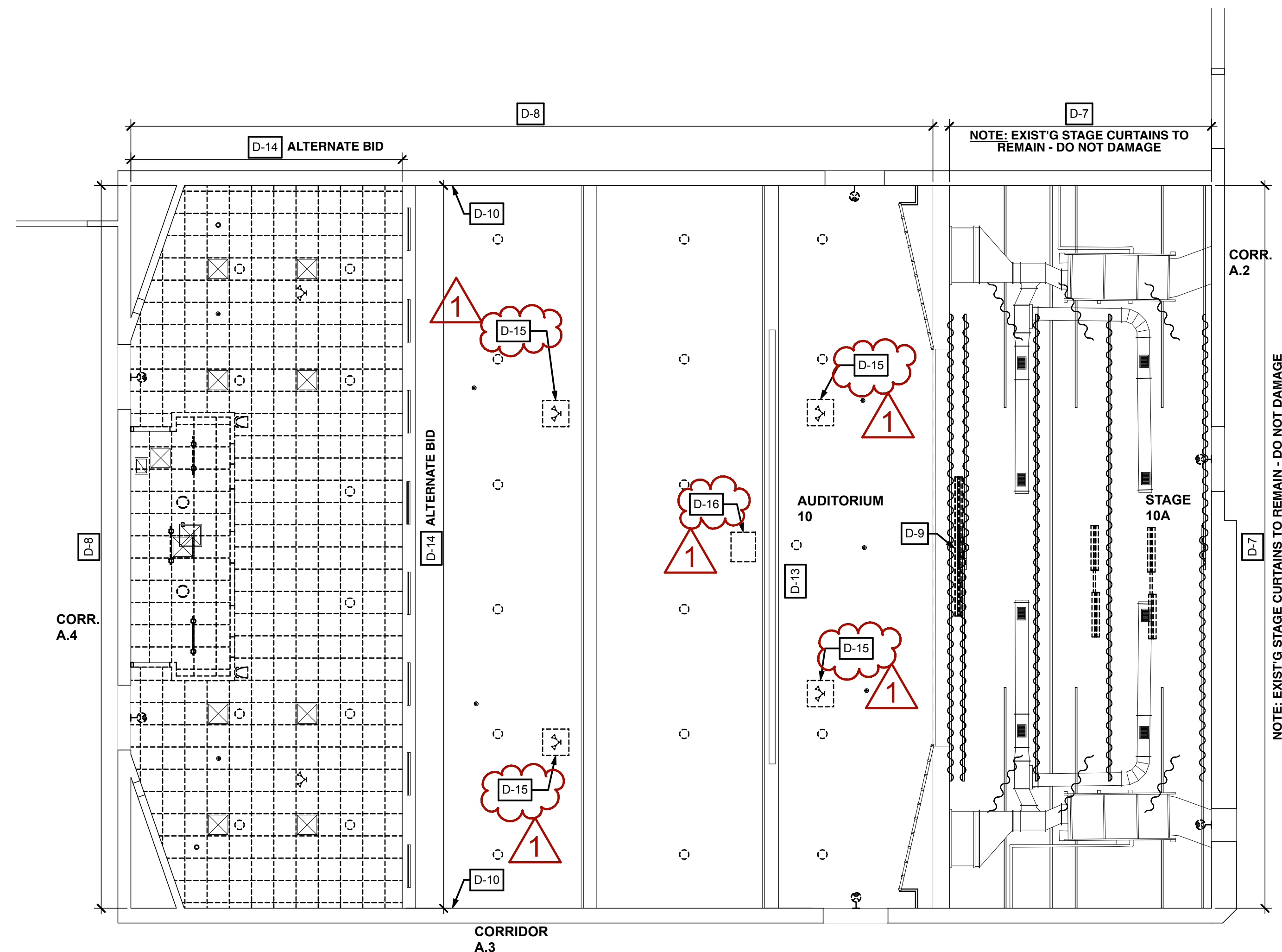
LEFT ELEVATION - DEMOLITION SCALE: 1/8" = 1'-0" B



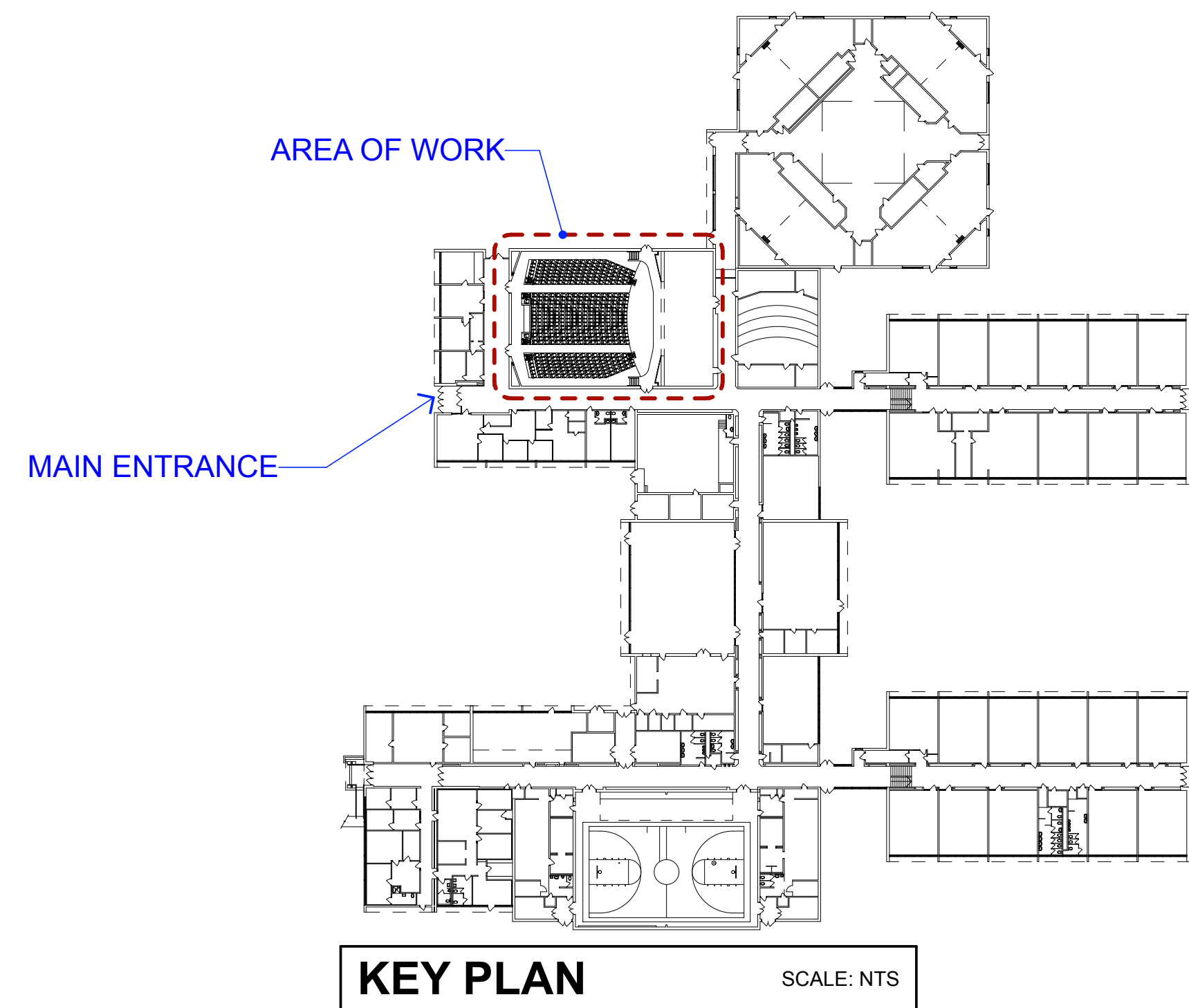
REAR ELEVATION - DEMOLITION SCALE: 1/8" = 1'-0" C



RIGHT ELEVATION - DEMOLITION SCALE: 1/8" = 1'-0" D



FLOOR PLAN - REFLECTED CEILING DEMOLITION SCALE: 1/8" = 1'-0" 02 A-101



KEY PLAN SCALE: NTS

REGAN YOUNG, AIA
21A100912100

REGAN YOUNG ENGLAND BUTERA
REFERENDUMS • ENGINEERING • ARCHITECTURE • DESIGN

456 HIGH STREET • MT. HOLLY, NEW JERSEY 08060 USA
+1(609)265-2652/2333FAX • 21A100912100 • RYEBHEAD.COM

PROJECT TITLE & ADDRESS:
AUDITORIUM RENOVATION
F.W. HOLBEIN SCHOOL
BLOCK 41.05, LOT 12.09
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

OWNER ADDRESS:
MOUNT HOLLY TOWNSHIP BOE
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

PROJECT NO.: 5733A

REVISION DATE: Addendum-01 9/26/23

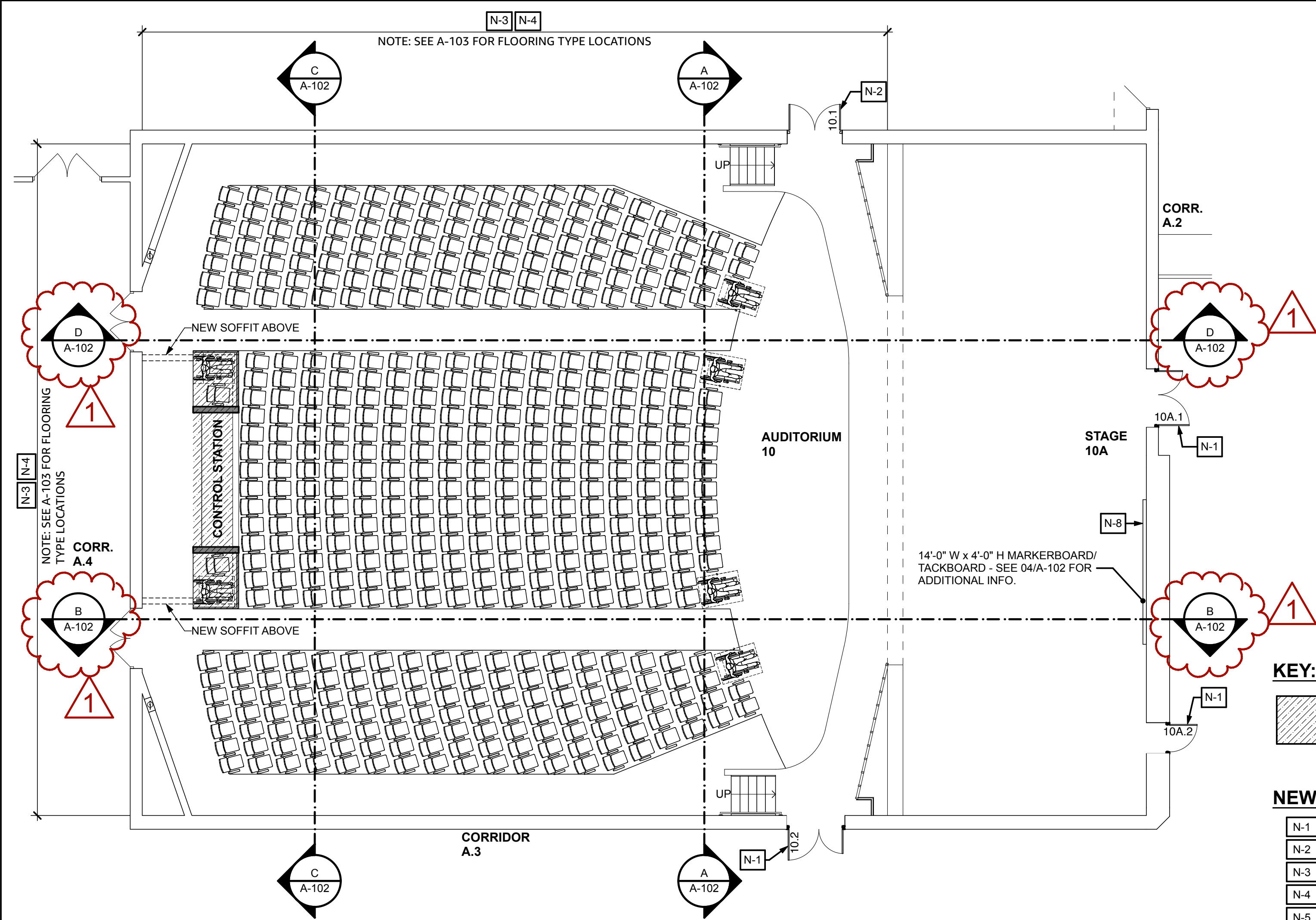
DRAWING DATE: 07 AUG 2023

PRINT DATE: 9/26/23

DRAWN BY: PF

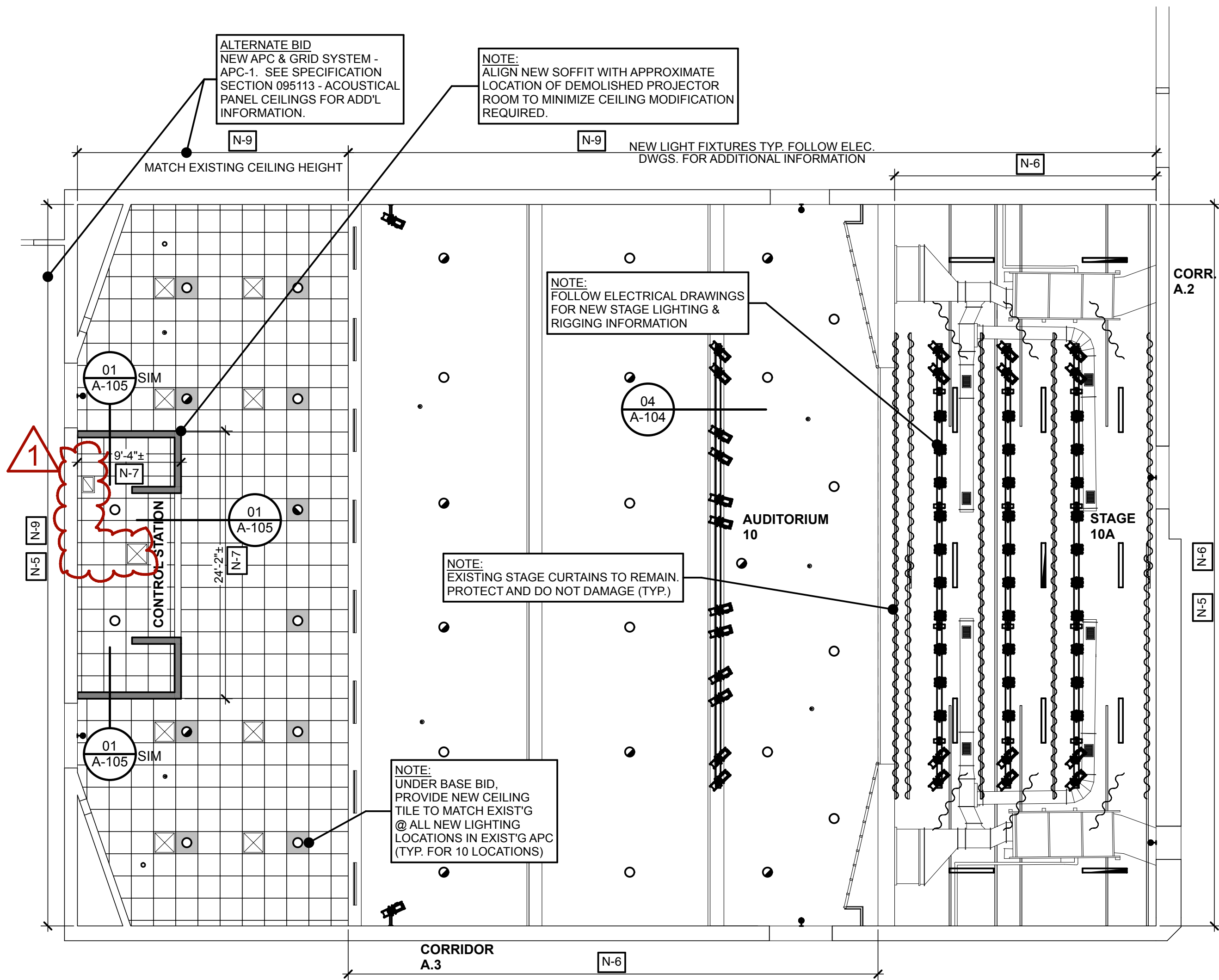
SHEET TITLE: DEMOLITION PLANS & INTERIOR ELEVATIONS

A-101



FLOOR PLAN - NEW WORK

SCALE: 1/8" = 1'-0" 01 A-102



REFLECTED CEILING PLAN - NEW WORK

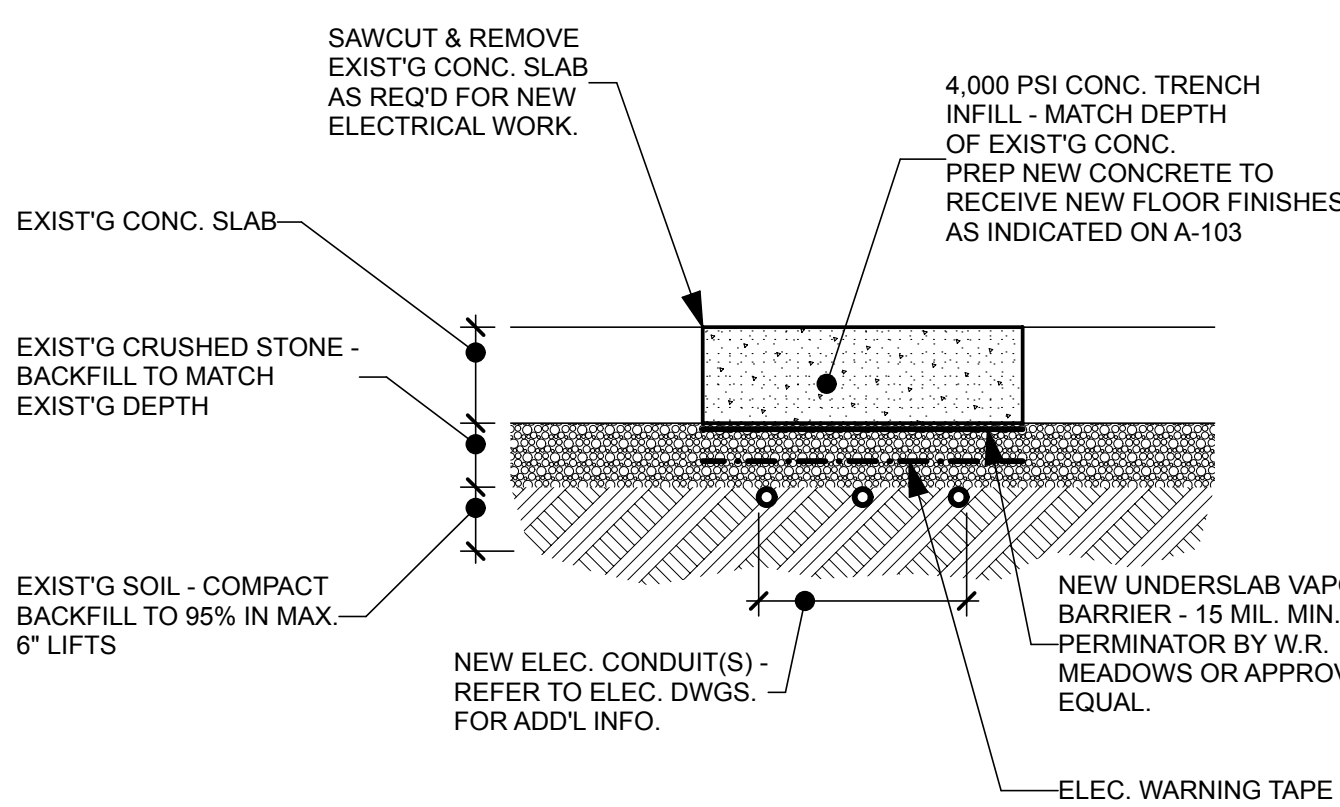
SCALE: 1/8" = 1'-0" 02 A-102

NEW WORK KEY NOTES

- N-1 NEW DOOR ON EXIST'G FRAME. FOLLOW DOOR NUMBERS ON SCHEDULE. PRIME & PAINT FRAME.
- N-2 NEW DOOR & FRAME. FOLLOW DOOR NUMBERS ON SCHEDULE. PRIME & PAINT FRAME.
- N-3 NEW LINOLEUM FLOORING THROUGHOUT UNLESS OTHERWISE NOTED.
- N-4 PREP, PRIME & PAINT EXIST'G WALL SURFACE.
- N-5 PREP, PRIME & PAINT EXIST'G SLOPED CEILING & SOFFITS.
- N-6 FOLLOW ELECTRICAL DRAWINGS FOR NEW THEATRICAL & HOUSE LIGHTING (TYP) - NOT SHOWN ON ARCH. PLANS FOR CLARITY.
- N-7 NEW METAL STUD & GWB SOFFIT AT LOCATION OF REMOVED PROJECTION ROOM - FOLLOW DETAILS FOR ADDITIONAL INFORMATION.
- N-8 NEW VISUAL DISPLAY BOARD
- N-9 REMOVE AND REPLACE EXISTING ACOUSTICAL PANEL CEILING AND GRID. (ALT-BID)

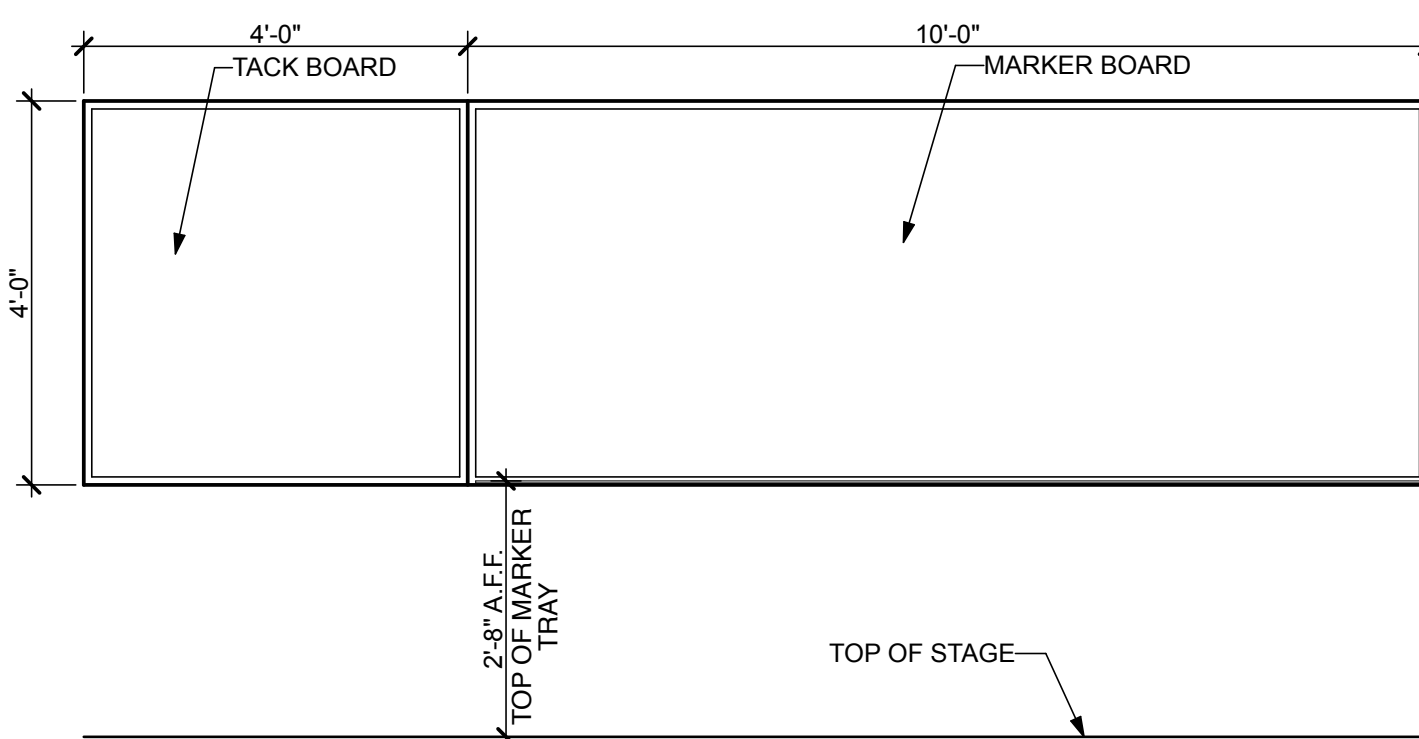
GENERAL NOTES:

- FOLLOW ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FOLLOW SHEET A-104 FOR SOUND ABSORBING WALL UNITS INFORMATION.



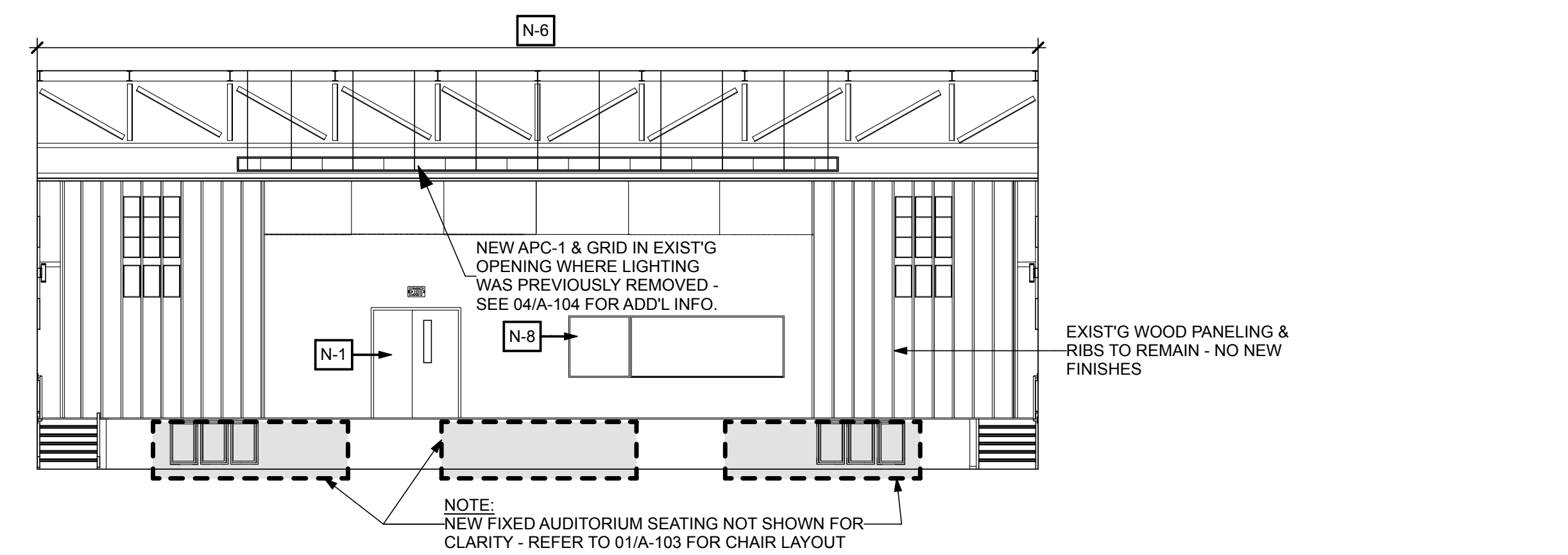
FLOOR TRENCHING DETAIL

SCALE: 1" = 1'-0" 03 A-102



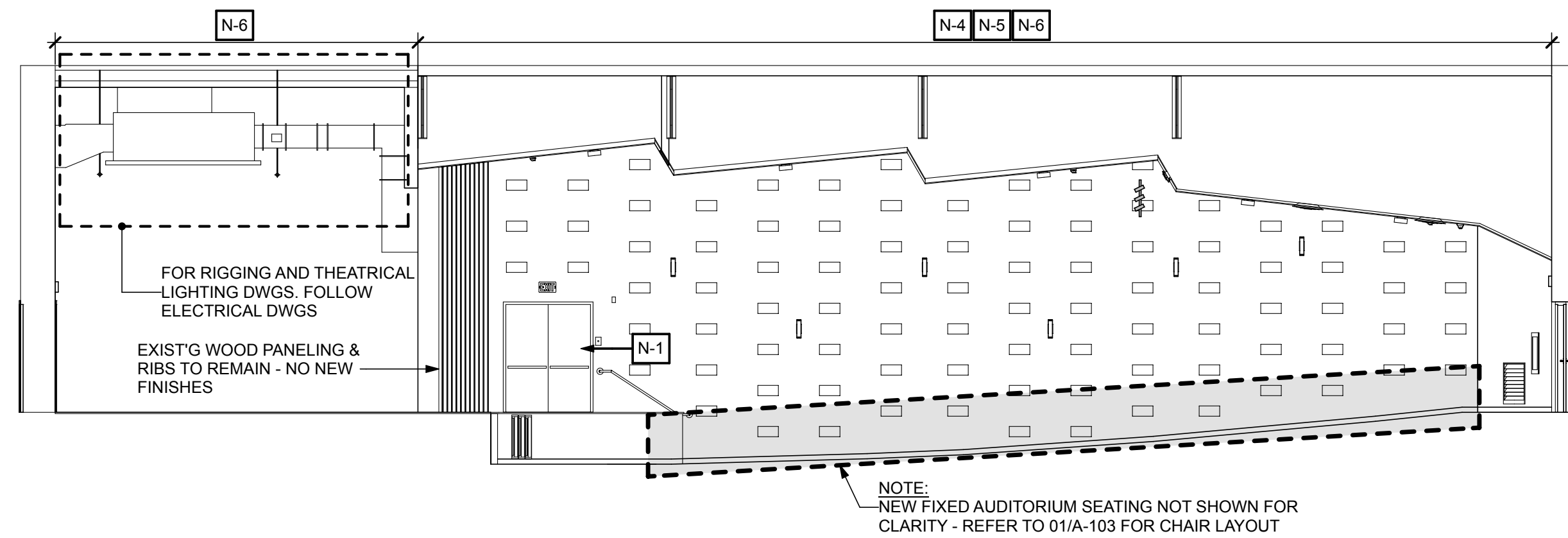
VISUAL DISPLAY UNIT

SCALE: 1/2" = 1'-0" 04 A-102



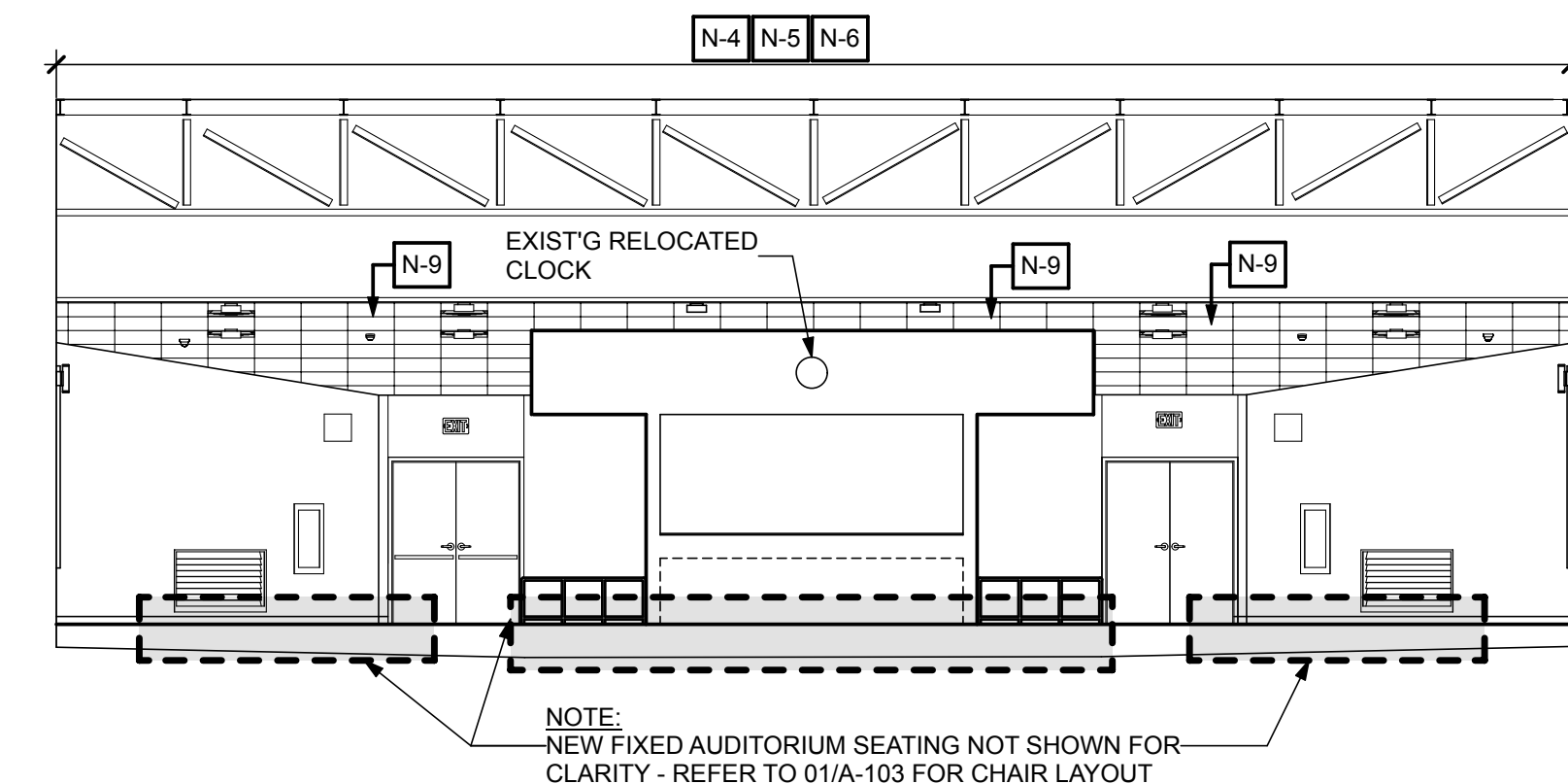
FRONT ELEVATION - NEW WORK

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



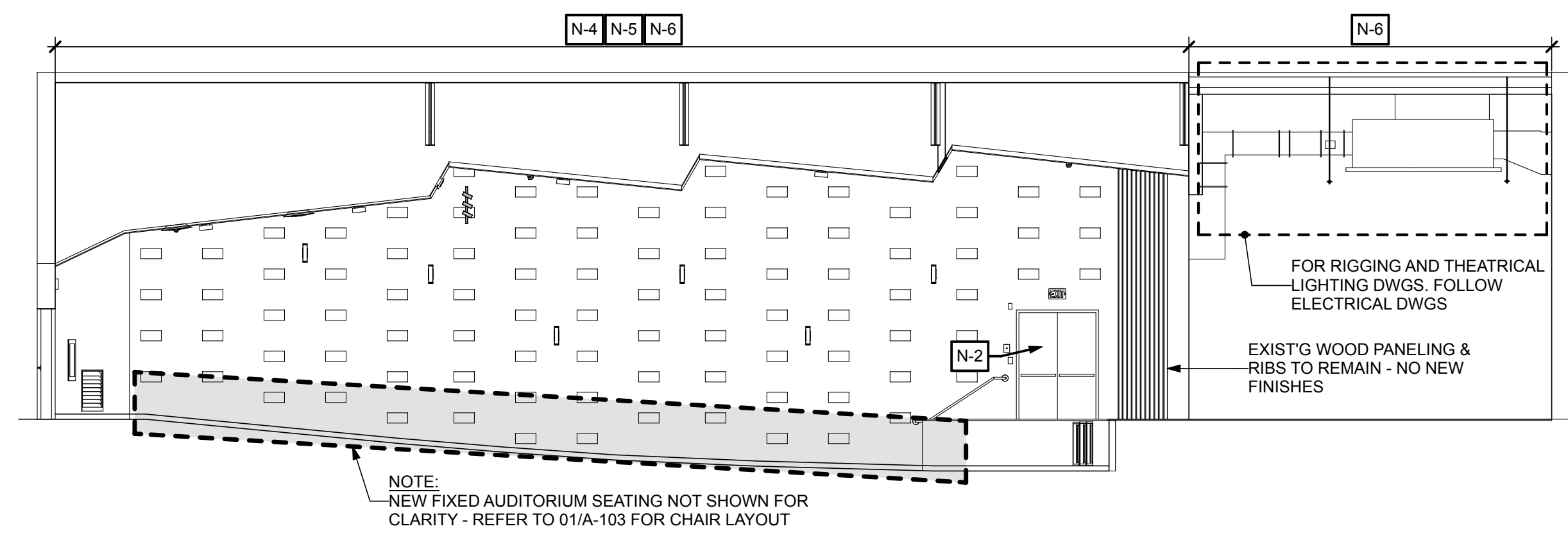
LEFT ELEVATION - NEW WORK

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



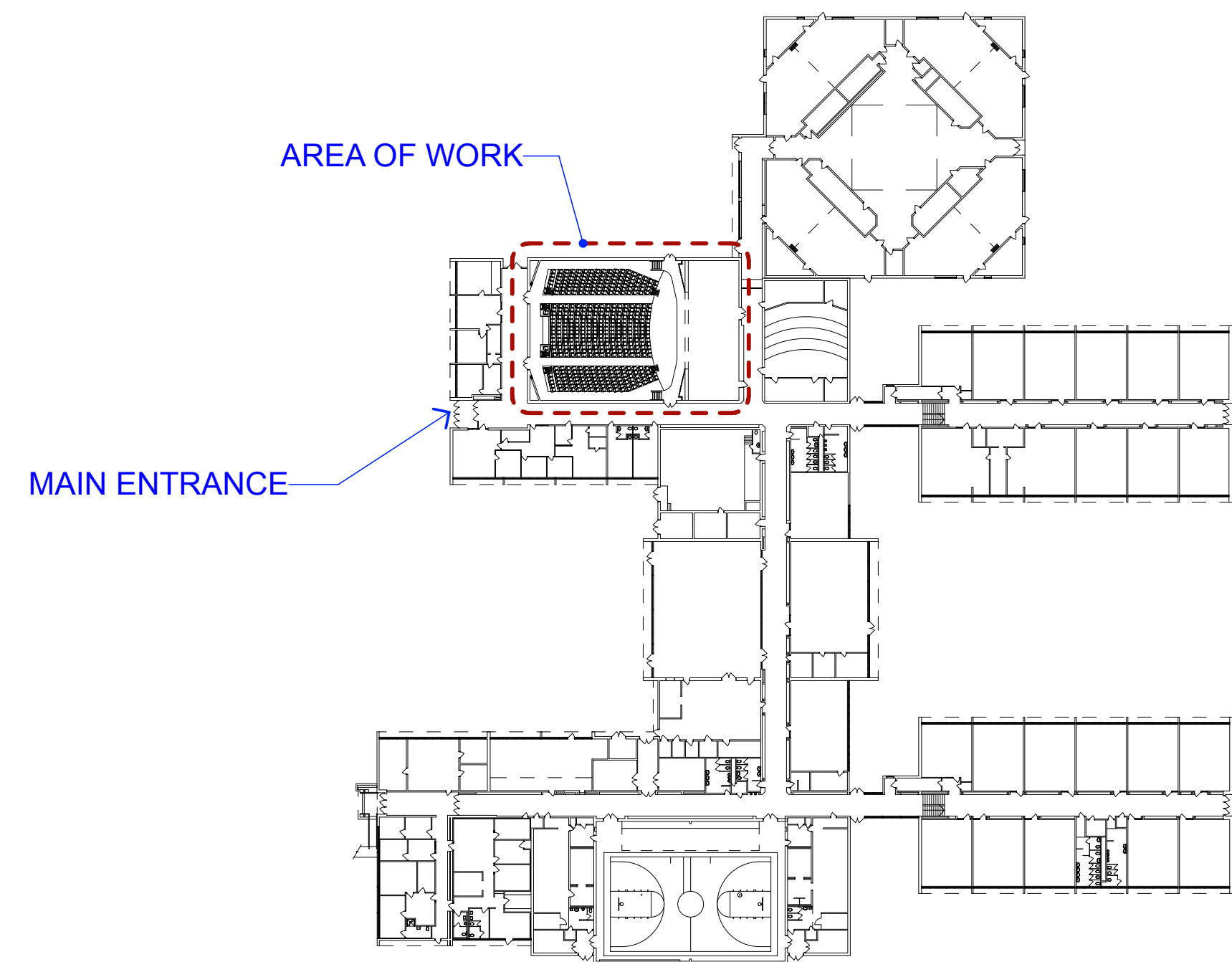
REAR ELEVATION - NEW WORK

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



RIGHT ELEVATION - NEW WORK

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



KEY PLAN

SCALE: NTS

REGAN YOUNG, AIA
21A100912100

REGAN YOUNG ENGLAND BUTERA
REFERENDUMS • ENGINEERING • ARCHITECTURE • DESIGN

456 HIGH STREET • MT. HOLLY, NEW JERSEY 08060 USA
+1(609)265-2652/333FAX • 21A100912100 • RYEBHEAD.COM

PROJECT TITLE & ADDRESS:

AUDITORIUM RENOVATION
F.W. HOLBEIN SCHOOL
BLOCK 41.05, LOT 12.09
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

OWNER ADDRESS:

MOUNT HOLLY TOWNSHIP BOE
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

PROJECT NO.: 5733A

REVISION DATE: Addendum-01 9/26/23

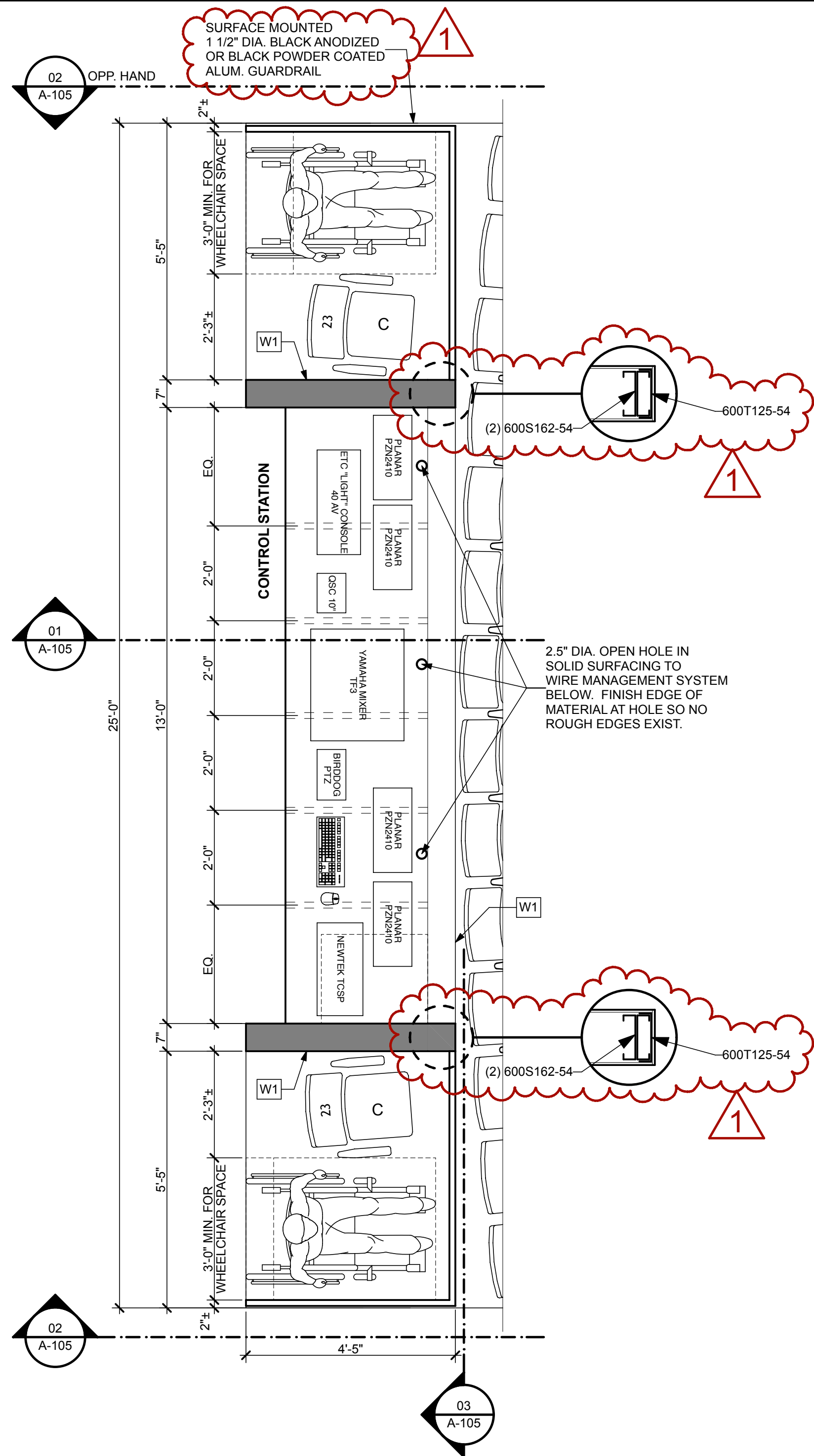
DRAWING DATE: 07 AUG 2023

PRINT DATE: 9/26/23

DRAWN BY: PF

SHEET TITLE: NEW WORK PLANS & INTERIOR ELEVATIONS

A-102



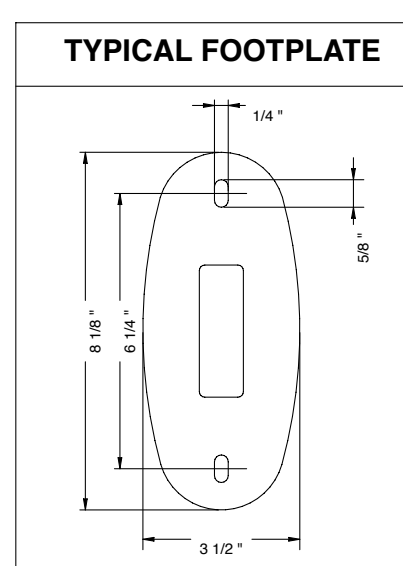
ENLARGED PLAN SCALE: 1/2" = 1'-0" 02 A-103

CONTROL STATION

W1 WALL TYPE DESIGNATION - SEE 05/A105 FOR WALL TYPE

486 TOTAL SEATS IN EXISTING LAYOUT
476 TOTAL SEATS IN NEW LAYOUT

CHAIR SUMMARY				ACCESSIBLE SPACES: 6
SIZE				
TOTAL FIXED CHAIRS: 476	20 1/8"	21 1/8"	22 1/8"	23"



UPHOLSTERY AND FOAM NOTES:

1. MATERIALS MUST BE TESTED IN ACCORDANCE WITH NFPA 286, UL1715, UL1040, OR FM 4880.
2. MATERIALS MUST BE MINIMUM CLASS B MATERIAL PER IBC-NJ 2021, TABLE 803.13.
2. ALL FABRIC SHALL BE LABELED WITH CERTIFICATION LABEL.

CHAIR KEY:

- NEW AUDITORIUM SEAT - # EQUALS SEAT WIDTH
- DESIGNATED AISLE SEAT WITH FOLDING OR RETRACTABLE ARMREST
- FIXED COMPANION SEAT LOCATION - # EQUALS SEAT WIDTH
- ACCESSIBLE SEAT LOCATION

ACCESSIBLE SEATING CALCULATIONS:

NUMBER OF WHEELCHAIR SPACES
IBC-NJ 2021, TABLE 1109.2.2.1
CAPACITY OF SEATING ASSEMBLY AREAS: 301 TO 500 = 6 MINIMUM REQUIRED
NUMBER OF WHEELCHAIR SPACES
476 FIXED SEATS PROVIDED = 6 MINIMUM REQUIRED NUMBER OF WHEELCHAIR SPACES

NUMBER OF DESIGNATED AISLE SEATS
IBC-NJ 2021, 1109.2.2.1
AT LEAST 5 PERCENT, BUT NOT LESS THAN ONE, OF THE TOTAL NUMBER OF AISLE SEATS PROVIDED SHALL BE DESIGNATED AISLE SEATS AND SHALL BE THE AISLE SEATS LOCATED CLOSEST TO ACCESSIBLE ROUTES.

ANSI A117.1 2017, 802.8
DESIGNATED AISLE SEATS SHALL COMPLY WITH SECTION 802.8.

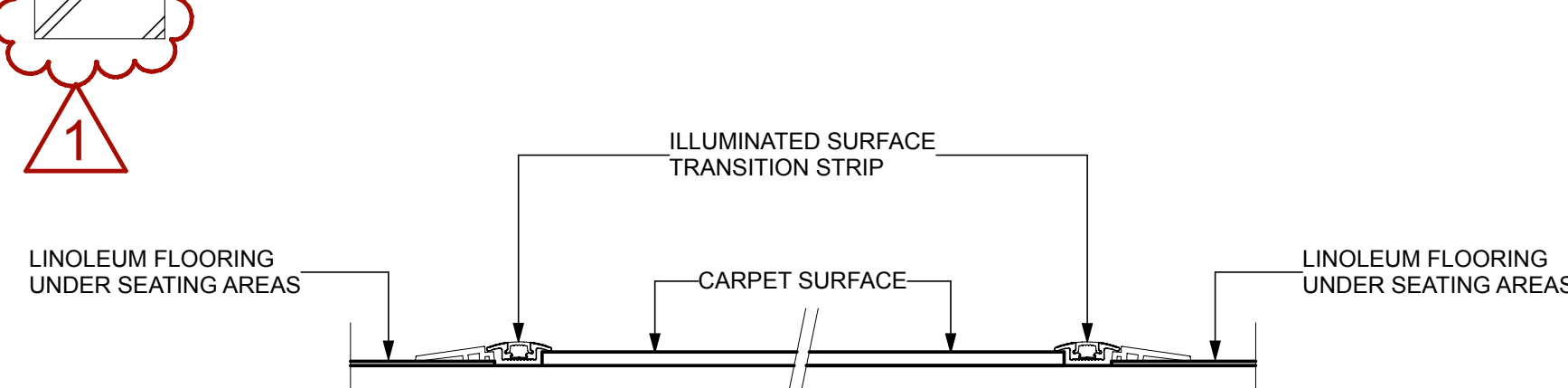
ANSI A117.1 2017, 802.8.1
WHERE ARMRESTS ARE PROVIDED ON SEATING IN THE IMMEDIATE AREA OF DESIGNATED AISLE SEATS, FOLDING OR RETRACTABLE ARMRESTS SHALL BE PROVIDED ON THE AISLE SIDE OF THE DESIGNATED AISLE SEAT.

ANSI A117.1 2017, 802.8.2
EACH DESIGNATED AISLE SEAT SHALL BE IDENTIFIED BY A SIGN OR MARKER.
10% AISLE SEATS = 5% MIN. 6 SEATS WITH FOLDING OR RETRACTABLE ARM REST PROVIDED.

NEW SEATING PLAN SCALE: 1/4" = 1'-0" 01 A-103

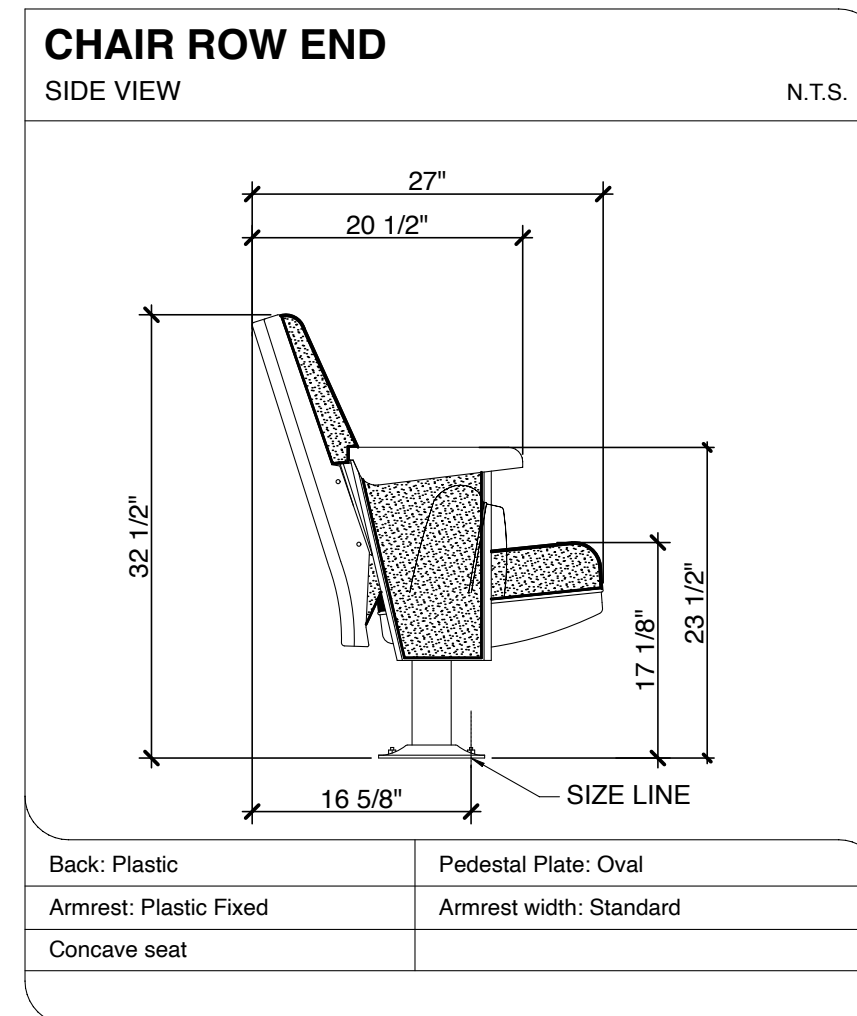
NEW FLOORING KEY

- CARPET TILE - SEE SPECIFICATION SECTION 096813 FOR ADDITIONAL INFORMATION.
- LINOLEUM FLOORING - SEE SPECIFICATION SECTION 096543 FOR ADDITIONAL INFORMATION

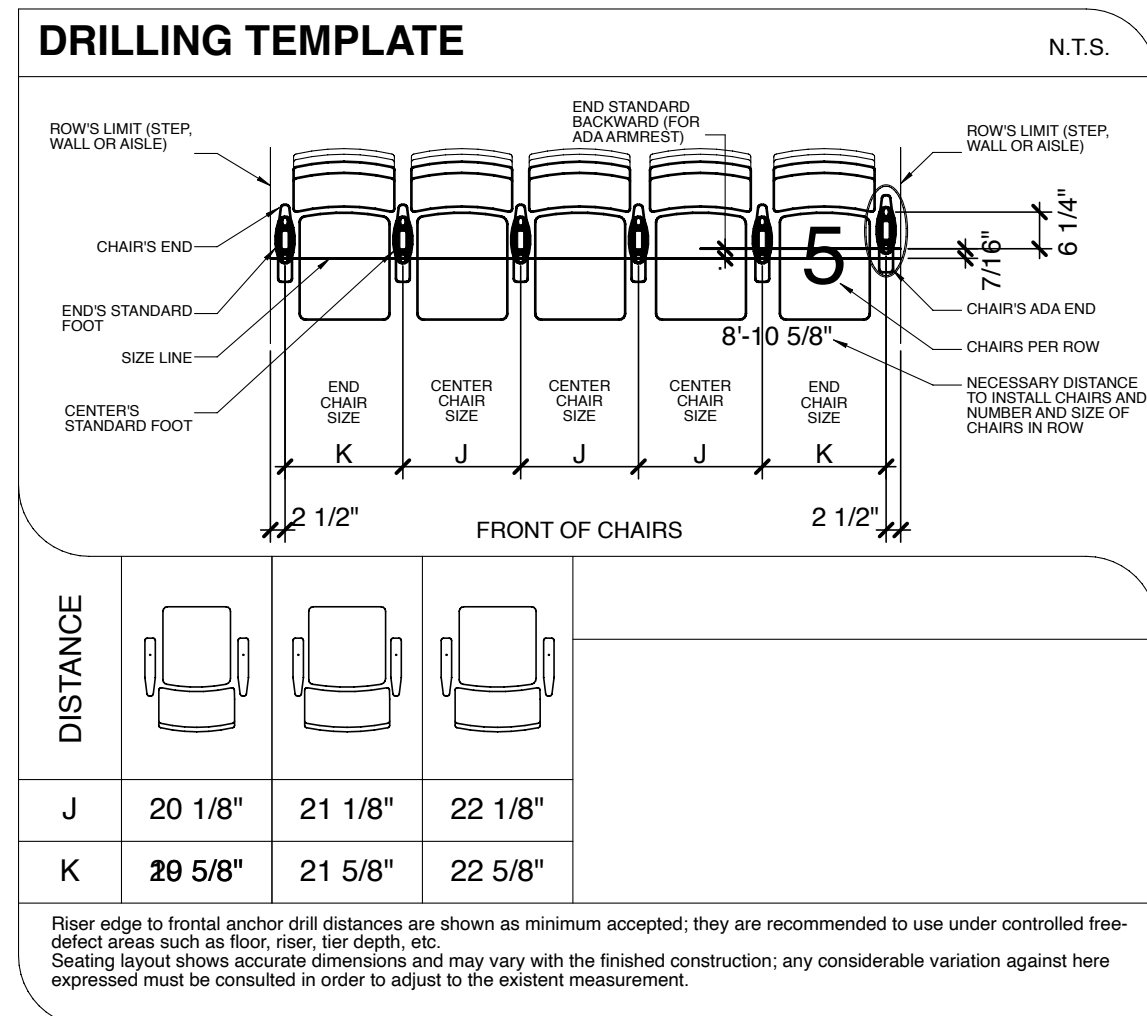
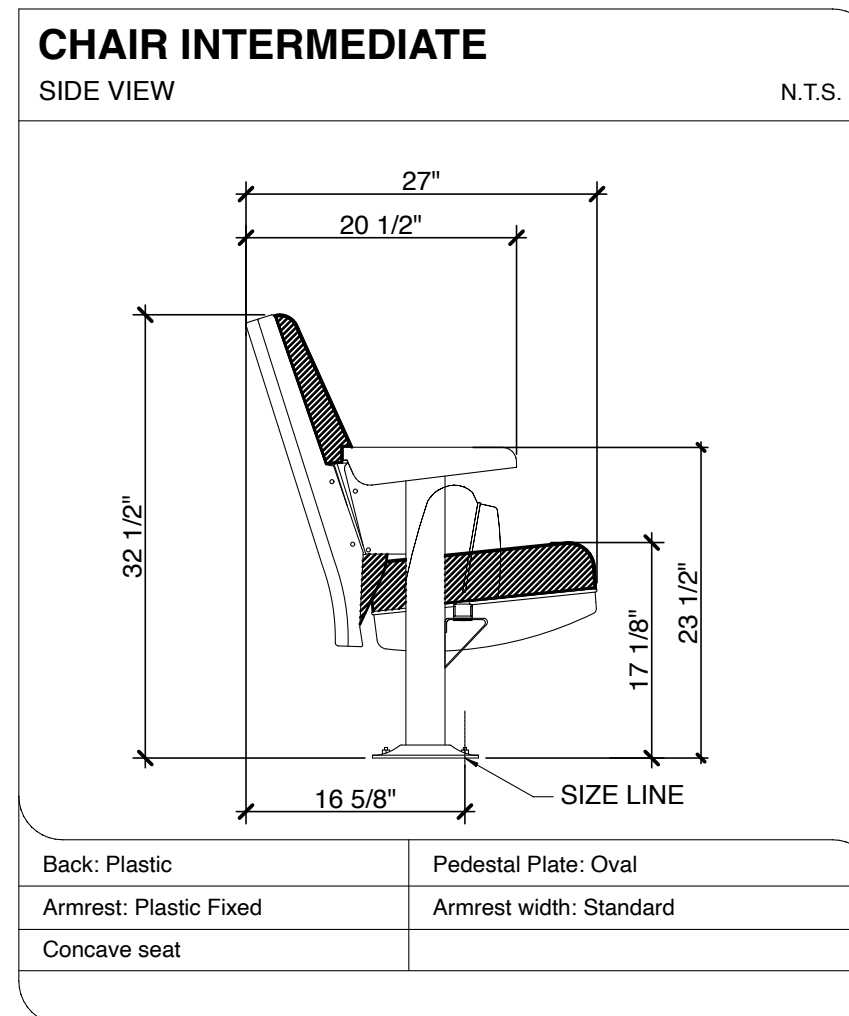


ILLUMINATED AISLE LIGHTING DETAIL NTS 04
FOLLOW ELEC. DWGS. FOR LOCATIONS & ADD'L INFORMATION

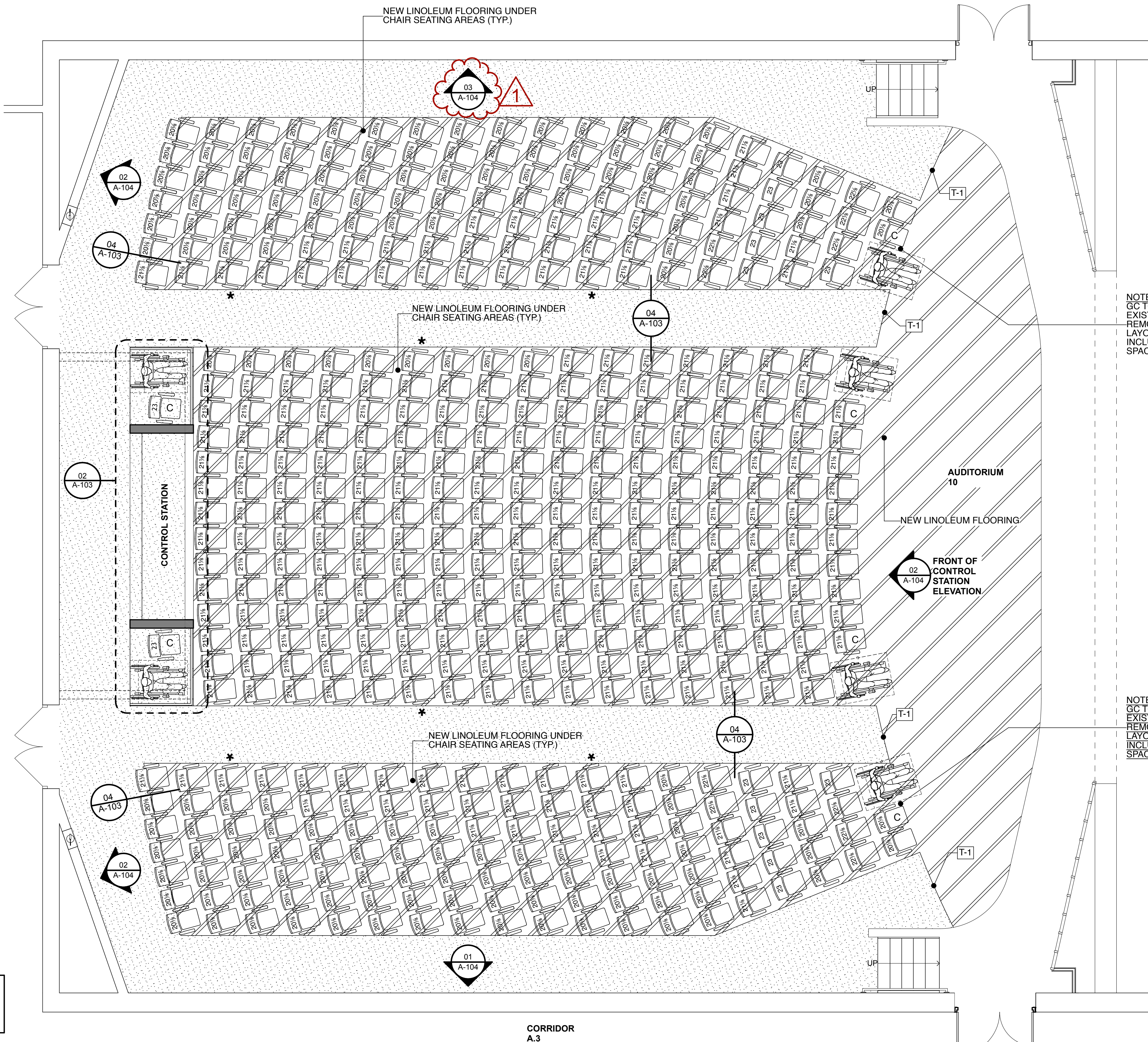
TRANSITION STRIP DETAIL T-1 NTS 05



NEW SEATING DETAILS

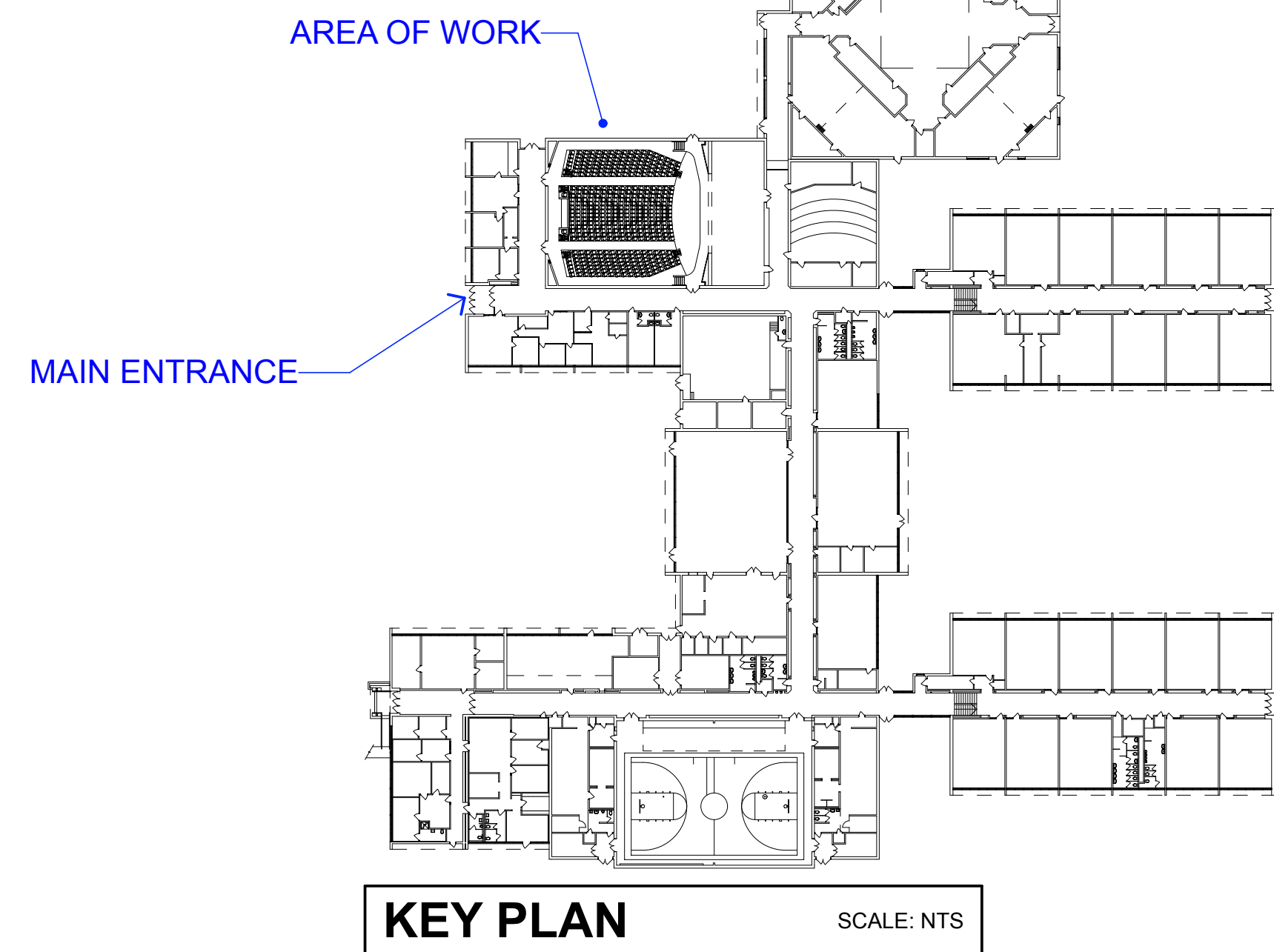


SCALE: NTS 03 A-103



NOTE:
GC TO VERIFY FLAT AREA OF EXIST'G CONC. SLAB AFTER REMOVAL OF EXIST'G FLOOR. LAYOUT OF NEW SEATS TO INCLUDE WHEELCHAIR SPACES IN FLAT AREAS.

NOTE:
GC TO VERIFY FLAT AREA OF EXIST'G CONC. SLAB AFTER REMOVAL OF EXIST'G FLOOR. LAYOUT OF NEW SEATS TO INCLUDE WHEELCHAIR SPACES IN FLAT AREAS.



KEY PLAN SCALE: NTS

REGAN YOUNG, AIA
21A100912100

REGAN YOUNG ENGLAND BUTERA
REFERENDUMS • ENGINEERING • ARCHITECTURE • DESIGN

456 HIGH STREET • MT. HOLLY, NEW JERSEY 08060 USA
+1(609)265-2652/333FAX • 21A100912100 • RYEBHEAD.COM

PROJECT TITLE & ADDRESS:

AUDITORIUM RENOVATION
F.W. HOLBEIN SCHOOL
BLOCK 41.05, LOT 12.09
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

OWNER ADDRESS:

MOUNT HOLLY TOWNSHIP BOE
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

PROJECT NO.: 5733A

REVISION DATE: Addendum-01 9/26/23

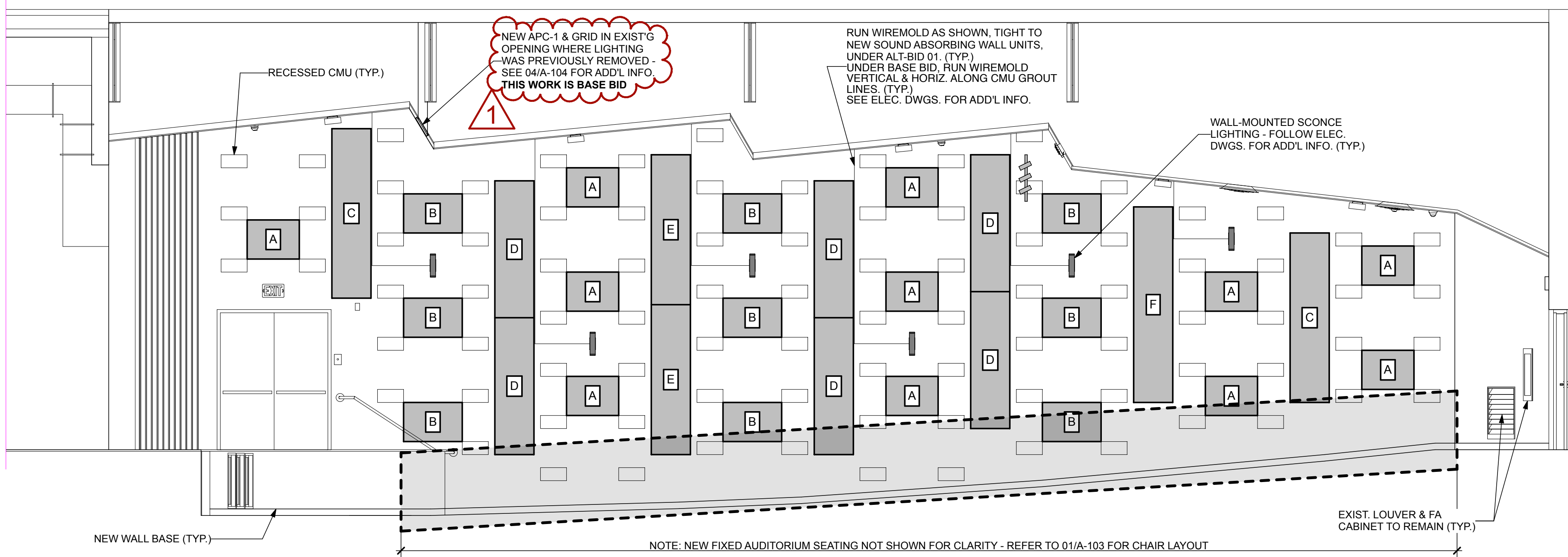
DRAWING DATE: 07 AUG 2023

PRINT DATE: 9/26/23

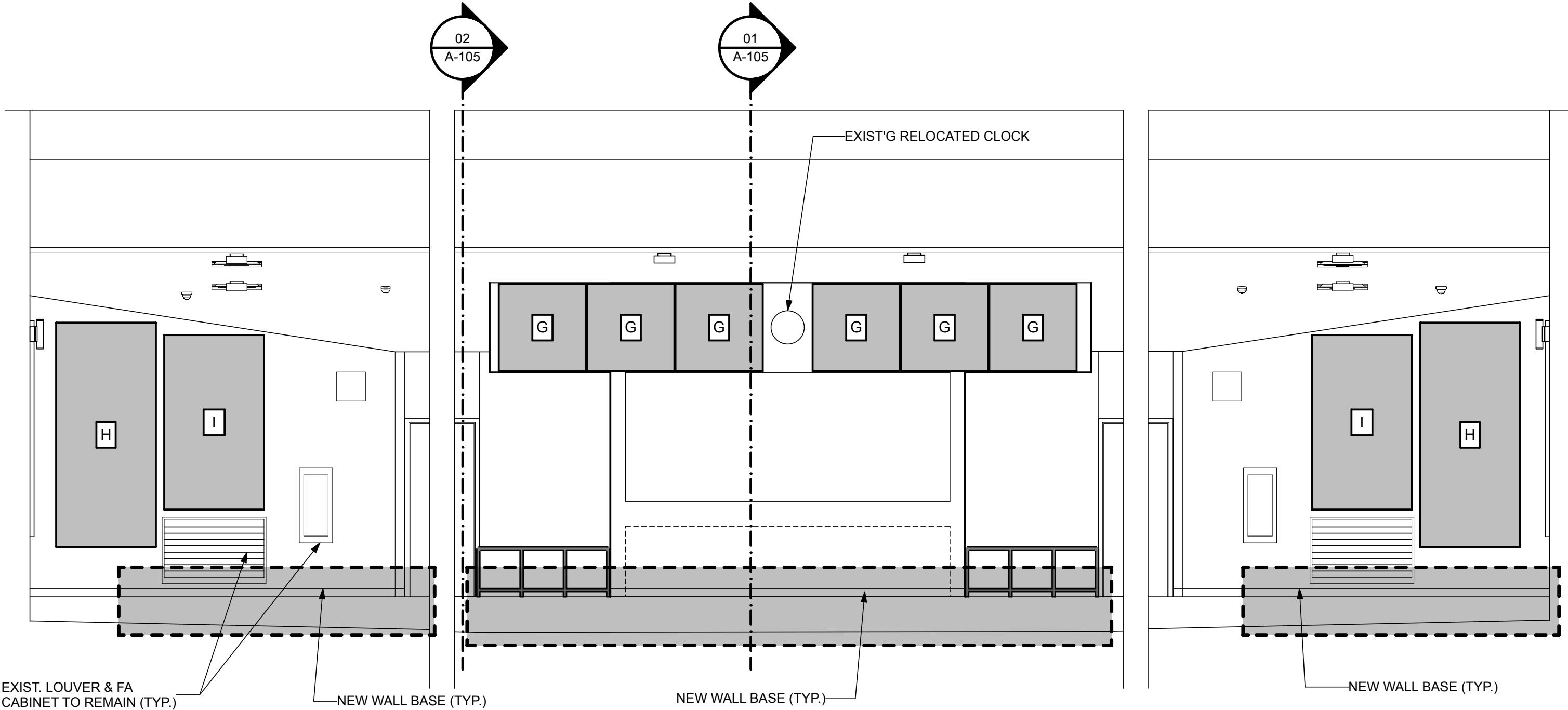
DRAWN BY: PF

SHEET TITLE: ENLARGED PLANS & DETAILS

A-103



SOUND-ABSORBING WALL UNITS LAYOUT - ALT. BID SCALE: 1/4" = 1'-0" 01 A-104



SOUND-ABSORBING WALL UNITS LAYOUT - ALT. BID SCALE: 1/4" = 1'-0" 02 A-104

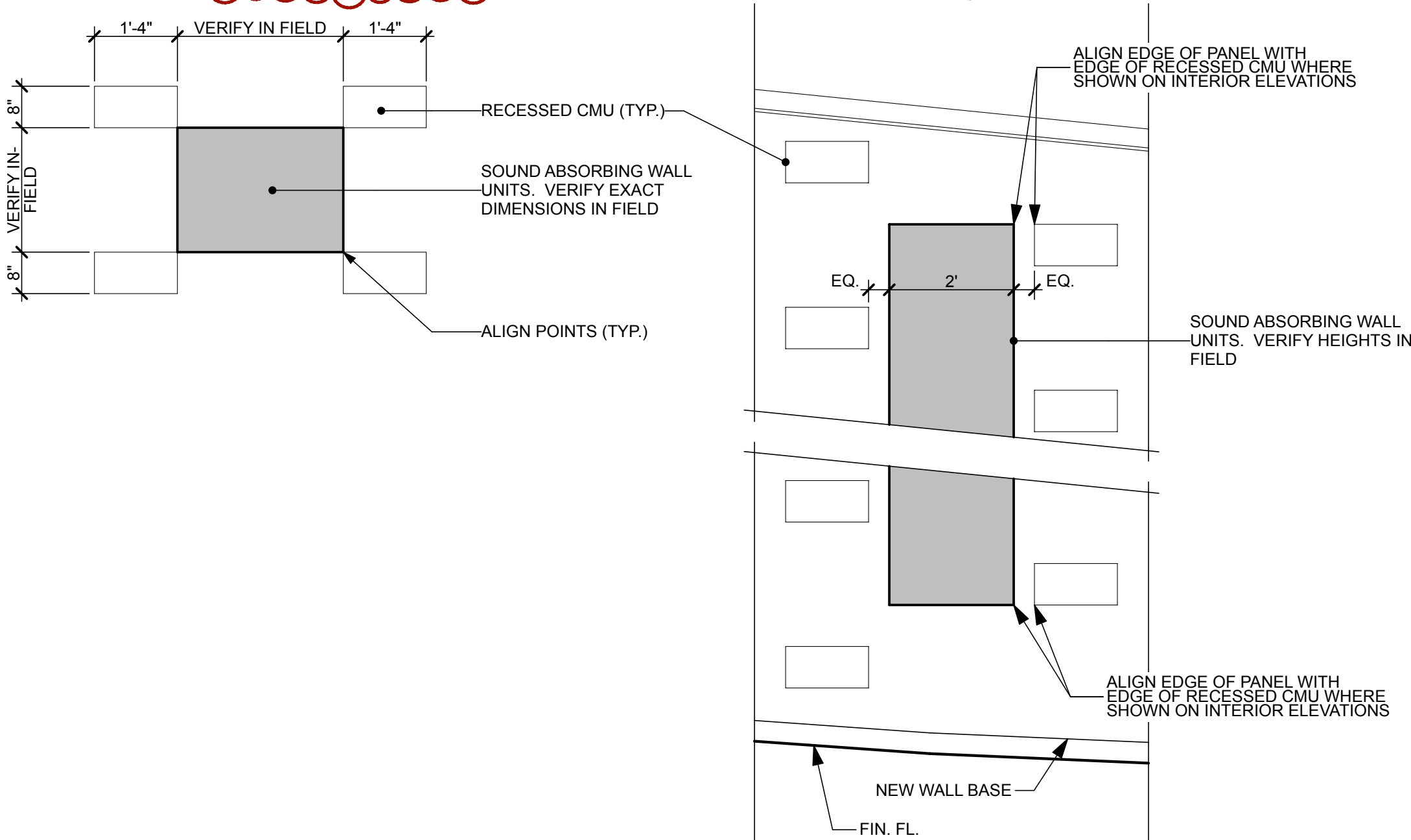


SOUND-ABSORBING WALL UNITS LAYOUT - ALT. BID SCALE: 1/4" = 1'-0" 03 A-104

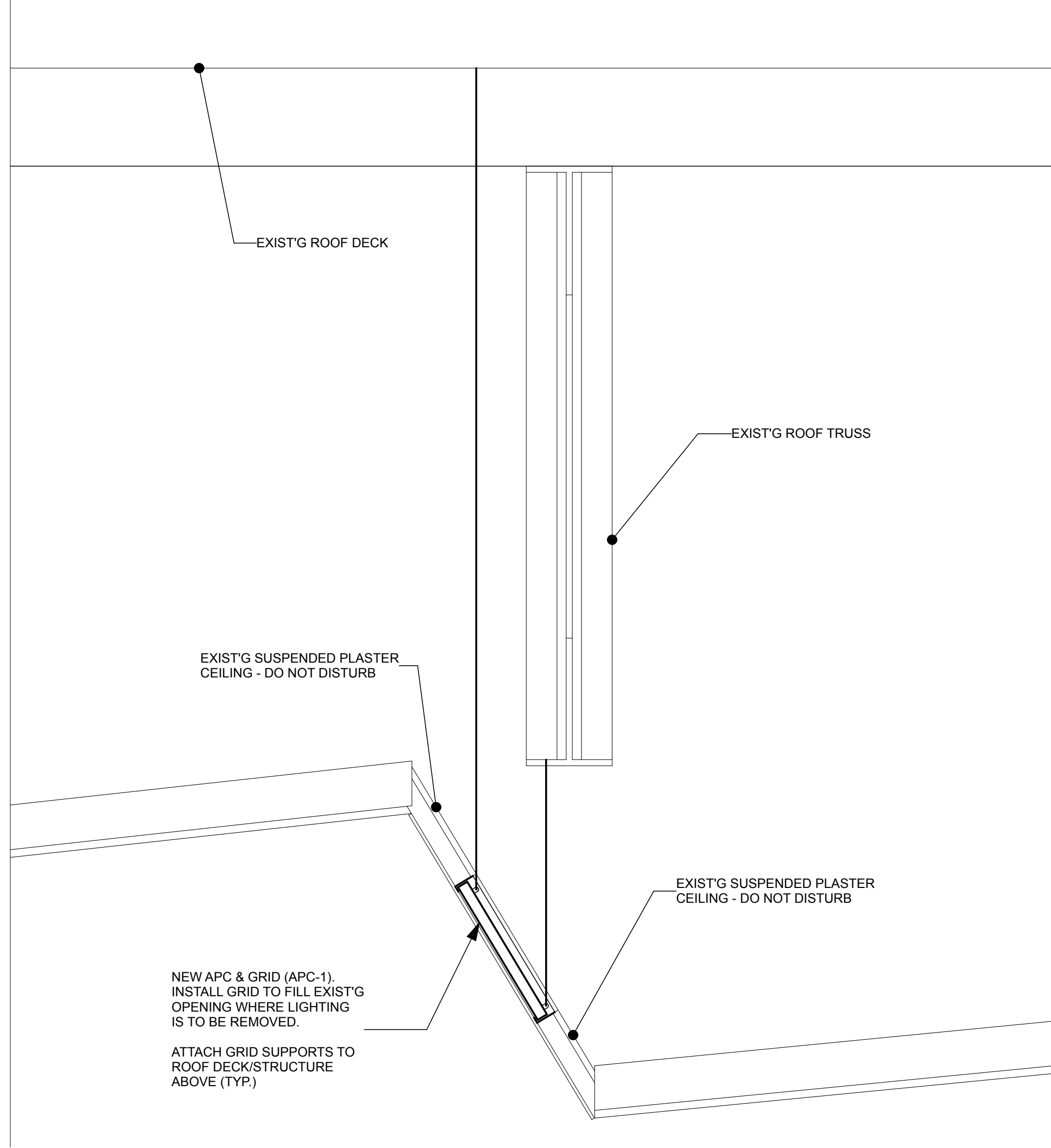
SOUND PANEL SCHEDULE				
TYPE	WIDTH	HEIGHT	THICKNESS	COLOR
A	2'-8"	2'-0"	2"	SEE NOTE 2
B	3'-0"	2'-0"	2"	SEE NOTE 2
C	2'-0"	8'-8"	2"	SEE NOTE 2
D	2'-0"	7'-0"	2"	SEE NOTE 2
E	2'-0"	7'-8"	2"	SEE NOTE 2
F	2'-0"	10'-0"	2"	SEE NOTE 2
G	3'-6"	3'-6"	2"	SEE NOTE 2
H	4'-0"	9'-0"	2"	SEE NOTE 2
I	4'-0"	7'-0"	2"	SEE NOTE 2

NOTES:
1. Verify maximum allowable panel width & height with manufacturer.
2. Colors to be selected by Architect from manufacturer's standard colors. Multiple colors may be selected.

SOUND-ABSORBING WALL UNIT PANEL SCHEDULE - ALT. BID



TYP. SOUND-ABSORBING WALL UNIT PANEL LOCATION- ALT. BID



ANGLED CEILING OPENING INFILL DETAIL
BASE BID

SCALE: 1 1/2" = 1'-0" 04 A-104

REGAN YOUNG, AIA
21A100912100

REGAN YOUNG ENGLAND BUTERA
REFERENDUMS • ENGINEERING • ARCHITECTURE • DESIGN
456 HIGH STREET • MT. HOLLY, NEW JERSEY 08060 USA
+1(609)265-2652/333FAX • 21A100912100 • RYEBHEAD.COM

PROJECT TITLE & ADDRESS:
AUDITORIUM RENOVATION
F.W. HOLBEIN SCHOOL
BLOCK 41.05, LOT 12.09
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

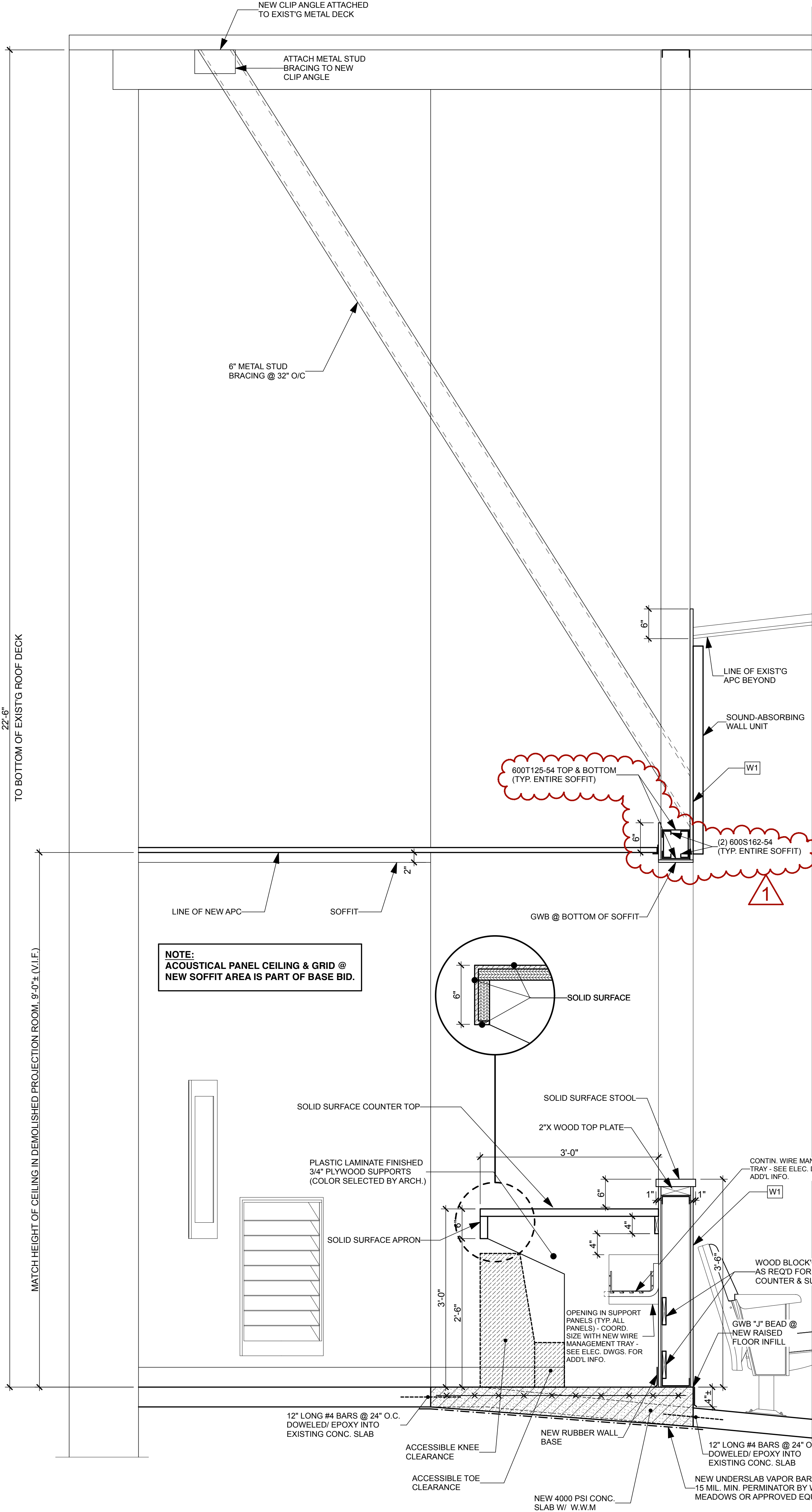
OWNER ADDRESS:
MOUNT HOLLY TOWNSHIP BOE
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

PROJECT NO.: 5733A

REVISION DATE: Addendum-01 9/26/23

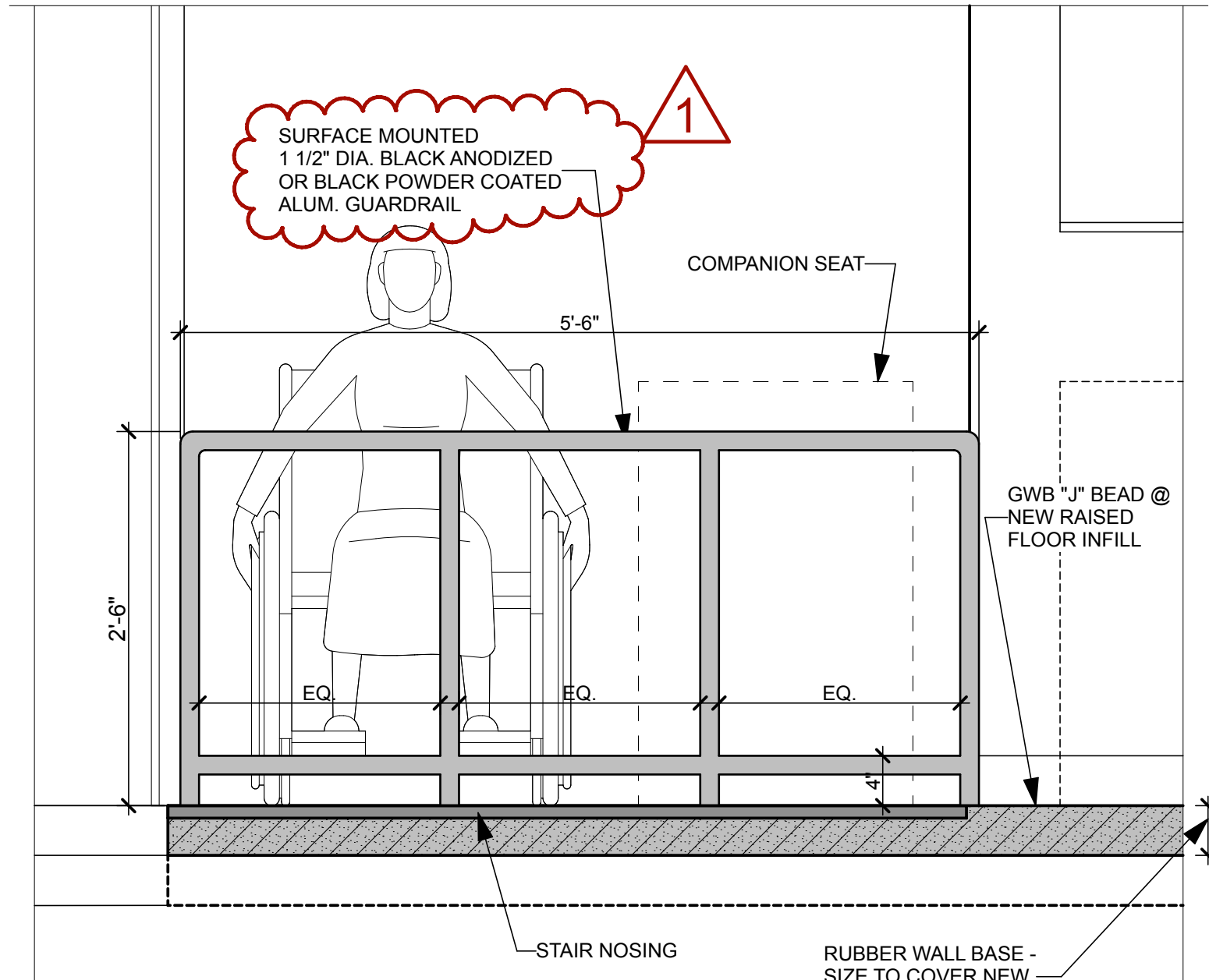
DRAWING DATE: 07 AUG 2023
PRINT DATE: 9/26/23
DRAWN BY: PF
SHEET TITLE: ENLARGED INTERIOR ELEVATIONS & DETAILS

A-104



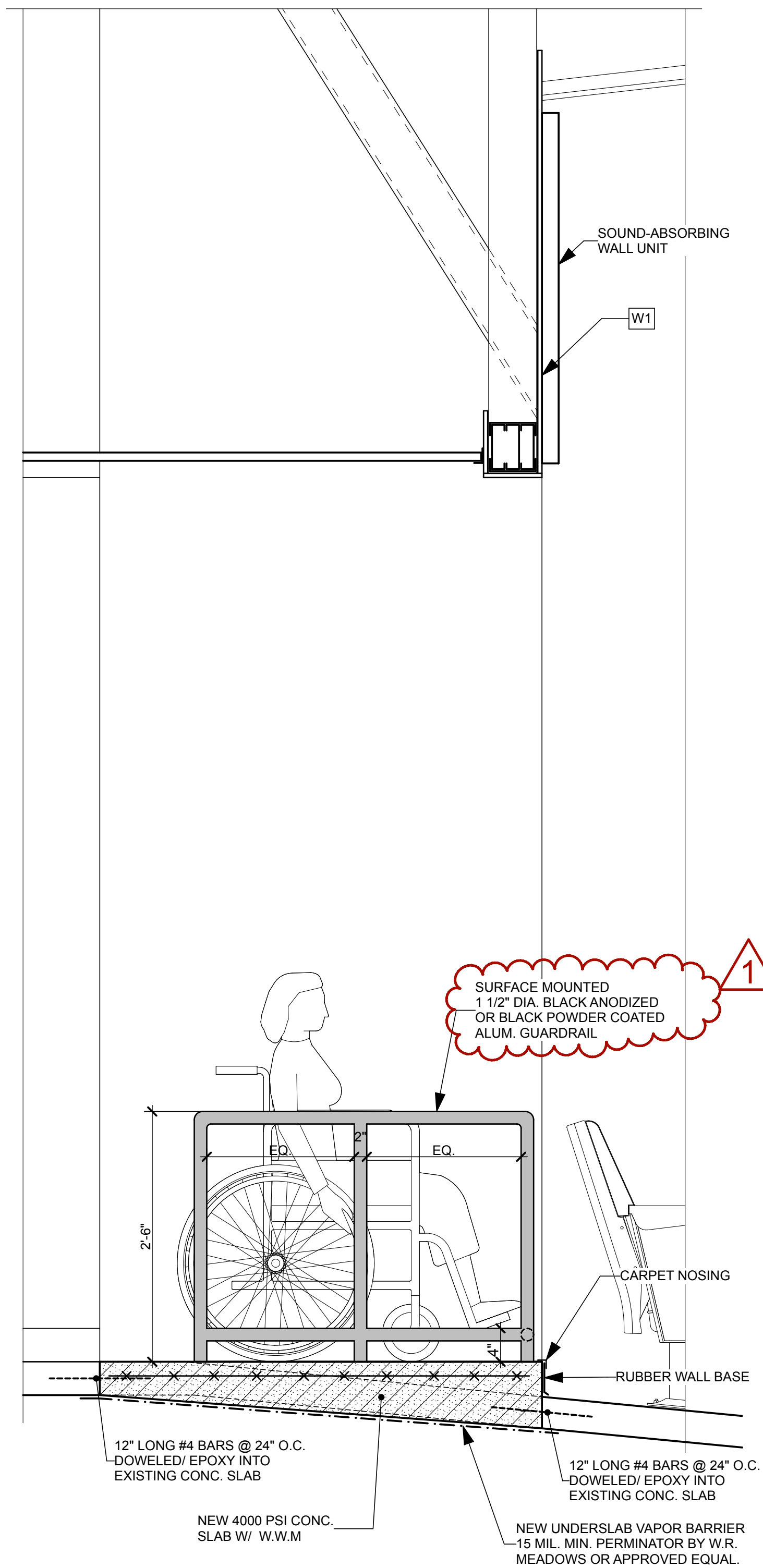
SECTION
CONTROL STATION

SCALE: 1" = 1'-0" 01 A-105



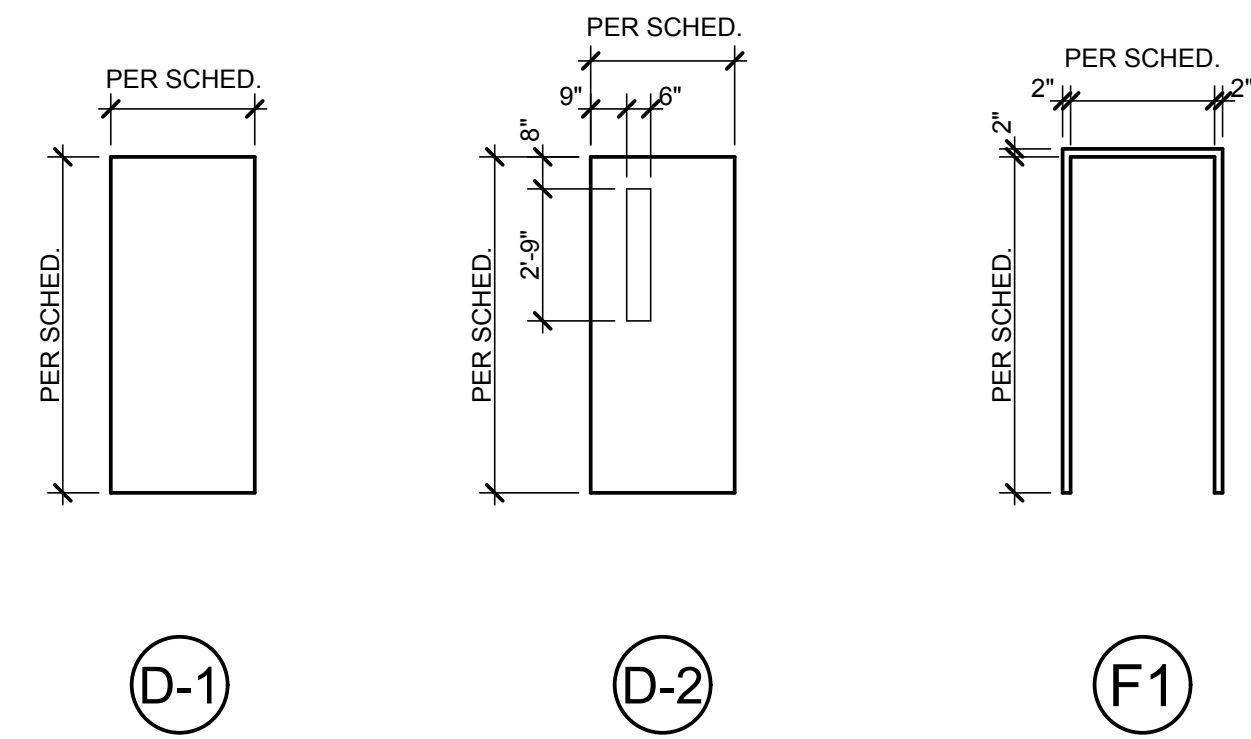
SECTION
WHEELCHAIR SPACE @ CONTROL STATION

SCALE: 1" = 1'-0" 03 A-105



SECTION
WHEELCHAIR SPACE @ CONTROL STATION

SCALE: 1" = 1'-0" 02 A-105



DOOR/FRAME TYPES

SCALE: 1/4" = 1'-0" 04

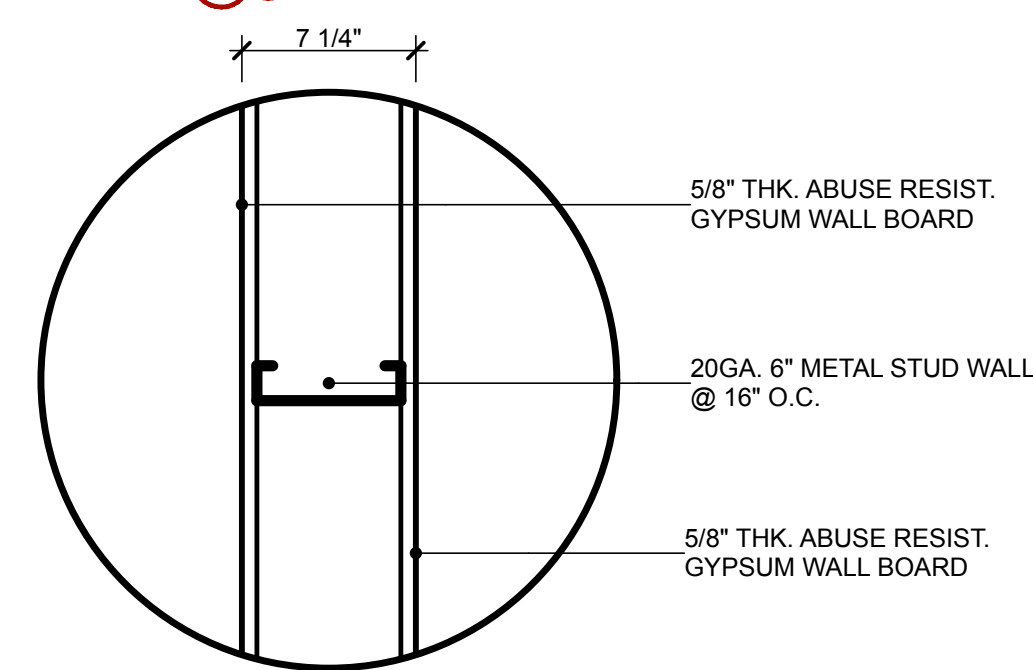
DOOR SCHEDULE													
DOOR							FRAME						
NUMBER	TYPE	WIDE	HEIGHT	THICKNESS	MATERIAL	GLAZING	TYPE	WIDE	HEIGHT	MATERIAL	GLAZING	JAMB TYPE	REMARKS
10.1	D-1	(2) 2'-6"	6'-10"	1 3/4"	FRP	N/A	F-1	5'-4"	7'-0"	ALUM	N/A	J-1	FIELD VERIFY ALL OPENING SIZES. ACCESS CONTROL.
10.2	D-1	3'-0"2'-4"	6'-11"	1 3/4"	WD	N/A	ETR	ETR	ETR	ETR	N/A	ETR	2.0 FIELD VERIFY ALL DOOR SIZES.
10A.1	D-2	3'-0"2'-4"	6'-11"	1 3/4"	WD	G-1	ETR	ETR	ETR	ETR	ETR	ETR	2.0 FIELD VERIFY ALL DOOR SIZES.
10A.2	D-2	2'-8"	6'-11"	1 3/4"	WD	G-1	ETR	ETR	ETR	ETR	ETR	ETR	3.0 FIELD VERIFY ALL DOOR SIZES.

DOOR SCHEDULE KEY
ETR Existing to Remain
AL Aluminum
FRP Fiberglass Reinforced Polyester
N/A Not Applicable
WD Wood
GLAZING TYPE G-1: Follow the drawings for fire-rated door glazing requirements. Wire glazing is not acceptable.

NOTES:
1. Cover all existing holes & hardware mounting locations in frame with continuous aluminum plate to match existing frame. Plates shall be screwed to frame. Putties, caulks, body fillers, etc. will not be accepted.
2. Opening #10.1 Door & Frame to be prepped for access control. Provide pull wire and access for District's IT vendor to make final
3. All door frames shall be field-painted on all exposed sides of the frame-typical.
4. All metal glazing lite kits shall be field painted. Color to match District standard.

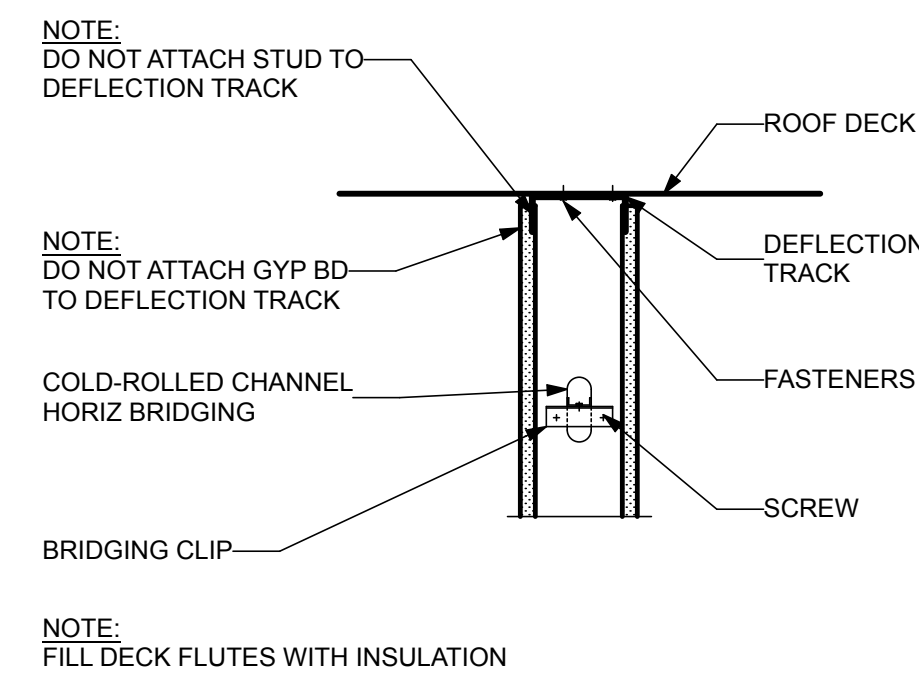
ROOM FINISH SCHEDULE										
RM #	ROOM NAME	FLR	BASE	WALLS				CLG	CLG. HT.	REMARKS
				NORTH	EAST	SOUTH	WEST			
10	AUDITORIUM	LF/CPT	RWB	PTD	PTD	PTD	PTD	(*) APC-1	MATCH	(*) APC-1-ALT BID
10A	AUDITORIUM STAGE	ETR	ETR	PTD	PTD	PTD	PTD	PTD	ETR	

FINISH SCHEDULE KEY
CPT - CARPET TILES
LF - LINOLEUM FLOORING
RWB - RUBBER WALL BASE
PTD - MAINTENANCE REPAINTING
APC-1 ACOUSTICAL PANEL CEILING & GRID
ETR - EXISTING TO REMAIN



WALL TYPE

NTS 05



SLIP-TYPE HEAD JOINT DETAIL
(NON-LOAD BEARING)

INTERIOR NON-BEARING METAL STUD NOTES

NOTES:

MAXIMUM HEIGHTS INDICATED ARE BASED ON ONE STUD MANUFACTURER'S PRINTED SPECIFICATION AND SHALL BE VERIFIED WITH PROPOSED MANUFACTURER'S PRINTED SPECIFICATION.

ALL WALL STUDS SHALL RUN TIGHT FROM FINISH FLOOR TO ROOF DECKING UNLESS OTHERWISE NOTED.

ANY PARTITION THAT EXCEEDS THE MANUFACTURER'S MAXIMUM ALLOWABLE UNSUPPORTED HEIGHT SHALL BE LATERALLY BRACED FROM MAXIMUM ALLOWABLE HEIGHT TO ROOF DECK. COORDINATE LOCATION(S) OF LATERAL BRACING WITH MECHANICAL UNITS, DUCTWORK, ETC.

REGAN YOUNG, AIA
21A100912100

REGAN YOUNG ENGLAND BUTERA
REFERENDUMS • ENGINEERING • ARCHITECTURE • DESIGN

486 HIGH STREET • MT. HOLLY, NEW JERSEY 08060 USA
+1(609)265-2652/3333FAX • 21A100912100 • RYEBHEAD.COM

PROJECT TITLE & ADDRESS:
AUDITORIUM RENOVATION
F.W. HOLBEIN SCHOOL
BLOCK 41.05, LOT 12.09
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

OWNER ADDRESS:
MOUNT HOLLY TOWNSHIP BOE
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

PROJECT NO.: 5733A

REVISION DATE: Addendum-01 9/26/23





















































DRAWING DATE: 07 AUG 2023

PRINT DATE: 9/26/23

DRAWN BY: PF

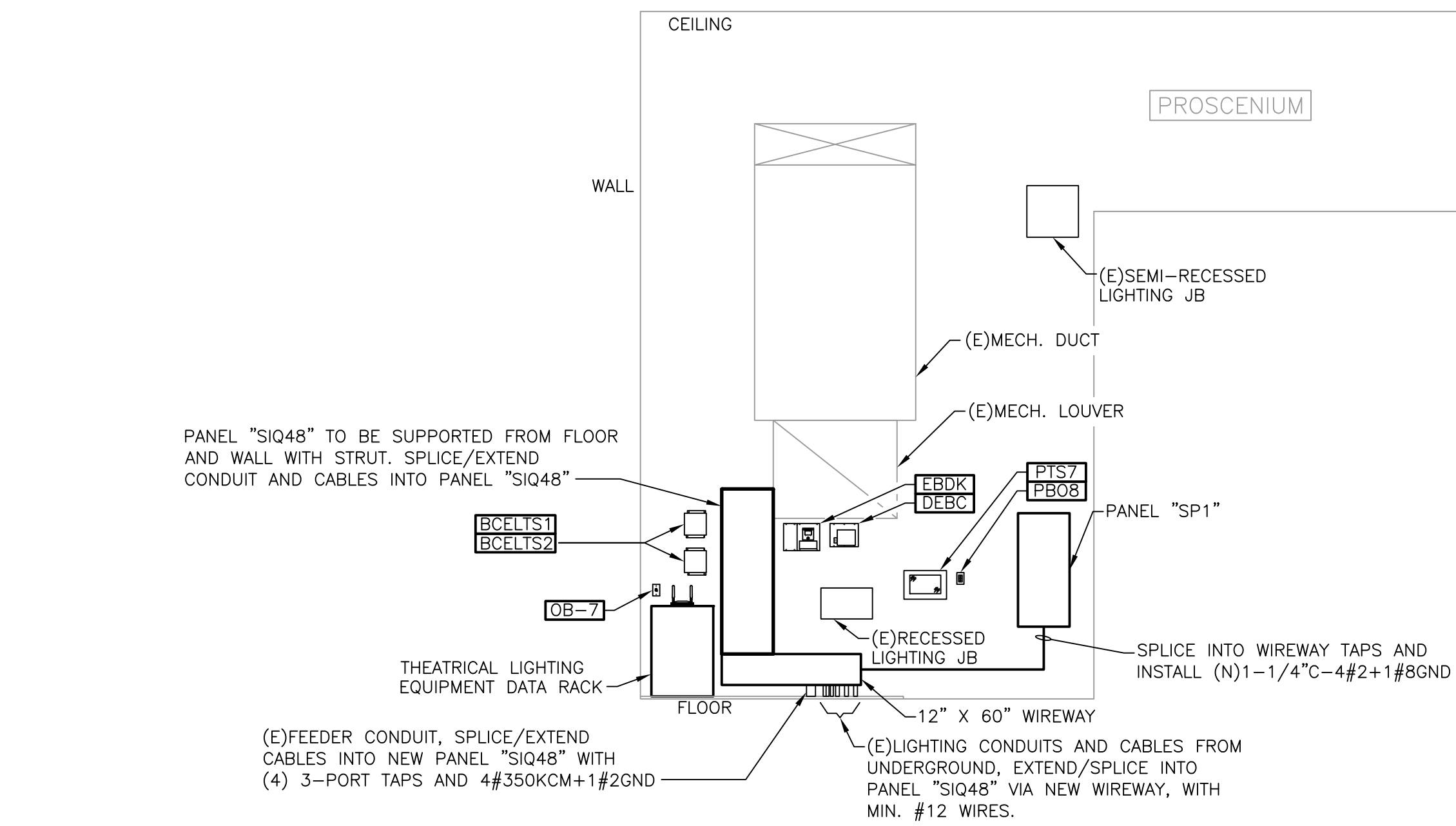
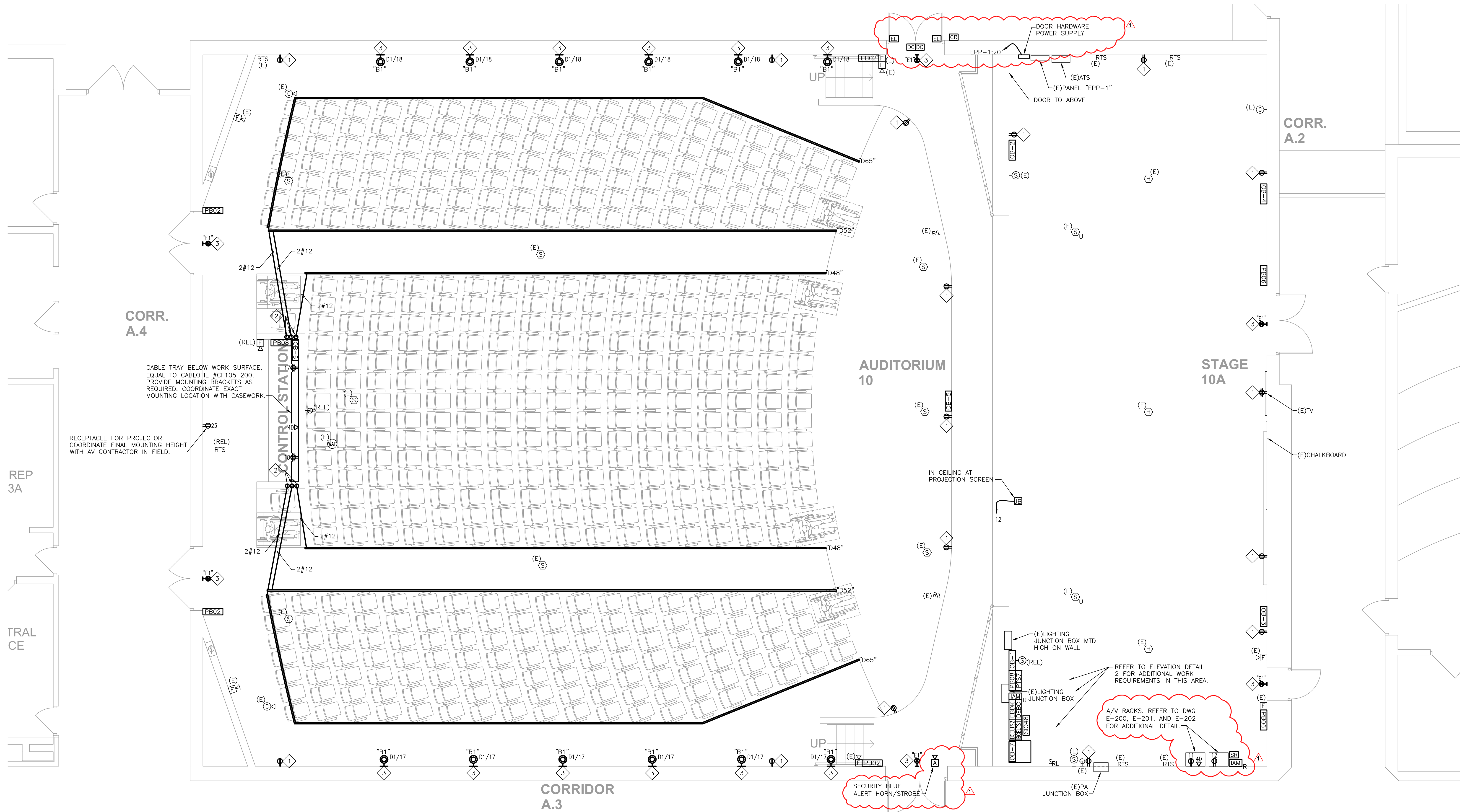
SHEET TITLE: DETAILS

A-105

SYMBOL LIST		ABBREVIATIONS		GENERAL NOTES	
	EXIT SIGN (CONTRACTOR TO COORDINATE # OF FACES AND THE FINAL MOUNTING REQUIREMENTS).	A	AMPERE	HW	HOT WATER HEATER
	LED LIGHT FIXTURE. REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING E-105 FOR DETAILS ON ALL LIGHTING FIXTURES TYPES.	A/V	AUDIO/VISUAL	IDF	INTERMEDIATE DISTRIBUTION
	LED LIGHT FIXTURE PROVIDING NORMAL AND EMERGENCY LIGHTING VIA NORMAL POWER AND EMERGENCY POWER FROM EMERGENCY INVERTER. LIGHTING CONTROL OF THESE FIXTURES TO INCLUDE UL924 BYPASS DEVICES AND UL1008 TRANSFER SWITCH DEVICES AND A DMX EMERGENCY BYPASS CONTROLLER FOR OVERRIDE LIGHTING CONTROL TO TURN ON FIXTURES TO FULL BRIGHTNESS IN THE EVENT OF NORMAL POWER OUTAGE.	A/C	AIR CONDITIONING		FRAME
	LED LIGHT FIXTURE PROVIDING NORMAL AND EMERGENCY LIGHTING VIA NORMAL POWER AND EMERGENCY POWER FROM EMERGENCY INVERTER. LIGHTING CONTROL OF THESE FIXTURES TO INCLUDE UL924 BYPASS DEVICES AND UL1008 TRANSFER SWITCH DEVICES AND A 0-10V EMERGENCY BYPASS CONTROLLER FOR OVERRIDE LIGHTING CONTROL TO TURN ON FIXTURES TO FULL BRIGHTNESS IN THE EVENT OF NORMAL POWER OUTAGE.	AF	AMP FRAME	IG	ISOLATED GROUND
	LIGHTING CIRCUITING INFORMATION. IN THIS EXAMPLE, EC SHALL WIRE FIXTURE TO SENSOR IQ PANEL, CIRCUIT #2, AND FIXTURE SHALL BE CONTROLLED BY DMX RUN "D1".	AFC	ABOVE FINISHED CEILING	JB	JUNCTION BOX
	LIGHTING CIRCUITING INFORMATION. IN THIS EXAMPLE, EC SHALL WIRE FIXTURE TO SENSOR IQ PANEL, CIRCUIT #2, AND FIXTURE SHALL BE CONTROLLED BY SENSOR IQ PANEL, 0-10V OUTPUT "q".	AFF	ABOVE FINISHED FLOOR	KEC	KITCHEN EQUIPMENT CONTRACTOR
	ILLUMINATED PANIC SWITCH, SWITCH OVERRIDES THEATRICAL LIGHTING SCENES, HOUSE LIGHTING TO FULL BRIGHT. (DEMO ONLY)	AFG	ABOVE FINISHED GRADE	kVA	KILOVOLT AMPERE
	RAISE/LOWER LOW-VOLTAGE ROCKER SWITCH FOR MOTORIZED PROJECTION SCREEN. CONTRACTOR SHALL INSTALL ROCKER SWITCH PROVIDED WITH PROJECTION SCREEN INCLUDING 3#12 WIRING IN 3/4" CONDUIT BETWEEN ROCKER SWITCH AND MOTORIZED SCREEN CONTROLLER ABOVE THE CEILING.	AT	AMP TRIP	KW	KILOWATT
	ELECTRICAL CIRCUITING INFORMATION. IN THIS EXAMPLE, EC SHALL WIRE DEVICE TO CIRCUIT #12 IN PANEL "DD1".	AUD	AUDITORIUM	LLC	WIRE TO LOCAL LIGHTING CIRCUIT
	WIRING & CONDUIT CONCEALED ABOVE HUNG CEILING	BFC	BELOW FINISHED CEILING		
	EXISTING ELECTRICAL PANEL	BFF	BELOW FINISHED FLOOR	MAU	MAKEUP AIR UNIT
	JUNCTION BOX	BOH	BACK OF HOUSE	MC	MECHANICAL CONTRACTOR
	DUPLEX 20A TAMPER RESISTANT SPECIFICATION GRADE RECEPTACLE WALL MOUNTED AT 18" AFF. RECEPTACLES MOUNTED ABOVE STANDARD HEIGHT TO BE MOUNTED HORIZONTAL ORIENTATION, UNLESS OTHERWISE NOTED.	BTC	BRANCH TO CIRCUIT	MCA	MINIMUM CIRCUIT AMPACITY
	DUPLEX 20A TAMPER RESISTANT SPECIFICATION GRADE CONVENIENCE RECEPTACLE WITH GROUND FAULT INTERRUPTER, WALL MOUNTED AT 18" AFF.	C	CONDUIT	MCB	MAIN CIRCUIT BREAKER
	QUAD 20A TAMPER RESISTANT SPECIFICATION GRADE CONVENIENCE RECEPTACLE WALL MOUNTED AT 18" AFF. UNLESS OTHERWISE NOTED.	C/B	CIRCUIT BREAKER	MDP	MAIN DISTRIBUTION PANEL
	SPECIAL RECEPTACLE, REFER TO PLANS AND SCHEDULES FOR NEMA CONFIGURATION TYPE.	CKT	CIRCUIT	MH	MANHOLE
	DISCONNECT SWITCH	CM	CONSTRUCTION MANAGER	MLO	MAIN LUGS ONLY
	DISCONNECT SWITCH, FUSED	CR	CONVENIENCE RECEPTACLE	(N)	NEW
	CIRCUIT BREAKER	CT	CURRENT TRANSFORMER	NE	WIRED ON NORMAL EMERGENCY CIRCUIT
	TRANSFORMER	DR	DUPLEX RECEPTACLE	NIC	NOT IN CONTRACT
	MANUAL PULL STATION	(E)	EXISTING	OCC	OCCUPANCY
	FIRE ALARM SPEAKER AND STROBE (WALL MOUNT AT MIN 80" AFF OR MAX 96" AFF TO BOTTOM OF DEVICE).	EC	ELECTRICAL CONTRACTOR	OOF	OUT OF FLOOR
	FIRE ALARM STROBE (WALL MOUNT AT MIN 80" AFF OR MAX 96" AFF TO BOTTOM OF DEVICE).	EM	EMERGENCY	OOW	OUT OF WALL
	FIRE ALARM ADDRESSABLE MONITOR/RELAY MODULE	EOF	ELECTRICAL OUT OF FLOOR	PA	PUBLIC ADDRESS
	SMOKE DETECTOR	EOW	ELECTRICAL OUT OF WALL	PC	PLUMBING CONTRACTOR
	SMOKE DETECTOR UNDER STAGE	ERMS	ENERGY REDUCTION	(RAR)	REMOVE AND REPLACE
	MULTI-CRITERIA DETECTOR (SMOKE/CO DETECTOR)		MAINTENANCE SWITCH	(REL)	RELOCATE/RELOCATED
	CARBON MONOXIDE DETECTOR	FA	FIRE ALARM	S	SINGLE POLE SWITCH
	HEAT DETECTOR	FACP	FIRE ALARM CONTROL PANEL	SR	SIMPLEX RECEPTACLE
	DUCT MOUNTED SMOKE DETECTOR. PROVIDED AND INSTALLED BY FIRE ALARM VENDOR. MOUNT REMOTE TEST LED & SWITCH BELOW FINISHED CEILING ADJACENT AT LOCATIONS INDICATED ON PLANS. MOUNT AS PER NFPA 72 AND 90A.	FLA	FULL LOAD AMPS	S3	THREE WAY SWITCH
	DUCT SMOKE DETECTOR KEYED REMOTE TEST STATION. WHERE RELOCATED, MOUNT IN ACCESSIBLE CEILING. PROVIDED AND INSTALLED BY FIRE ALARM VENDOR.	FOH	FRONT OF HOUSE	Sw	KEY OPERATED SWITCH
	SMOKE DETECTOR REMOTE INDICATING LIGHT. PROVIDED AND INSTALLED BY FIRE ALARM VENDOR.	FPC	FIRE PROTECTION CONTRACTOR	SPD	SURGE PROTECTIVE DEVICE
	(X) QUANTITY OF CAT6A RJ-45 DATA JACKS WITH DOUBLE GANG BACKBOX, SINGLE GANG MUD-RING AND FACEPLATE. CONTRACTOR TO INSTALL CATEGORY 6A PLENUM RATED CABLE FOR EACH JACK BACK TO NEAREST IDF/MDF DATA RACK LOCATION VIA NEW 1-1/2" CORRIDOR WALL SLEEVES. CONTRACTOR TO ASSUME A MAXIMUM 250' WIRE TO NEAREST RACK. MOUNT BACKBOX AT 18" UNLESS OTHERWISE NOTED ON THE DRAWINGS. DATA JACKS INSTALLED IN DRYWALL SHALL HAVE RECESSED DOUBLE GANG BACKBOX WITH BUSHINGS AND CABLES CONCEALED IN DRYWALL. JACKS SHOWN ON EXISTING CMU BLOCK WALLS, AND ARE NOT IN SURFACE MOUNTED DIVIDED RACEWAY, SHALL BE INSTALLED IN SINGLE CHANNEL SURFACE METALLIC RACEWAY AND SURFACE BACKBOX.	FU	FUSE	TYP	TYPICAL
	TELEPHONE JACK WITH SURFACE RACEWAY TO BE RELOCATED AS SHOWN ON PLAN.	GC	GENERAL CONTRACTOR	V	VOLT
	WIRELESS ACCESS POINT. WHERE SHOWN TO BE RELOCATED, DISTRICT WILL REMOVE DEVICE PRIOR TO CONSTRUCTION WORK. CONTRACTOR IS RESPONSIBLE TO TEMPORARILY SUPPORT CABLE AND PROTECT DURING CONSTRUCTION. DISTRICT WILL REINSTALL DEVICE IN NEW CEILING.	GFI	GROUND FAULT INTERRUPTER	W	WATT
	CEILING MOUNTED PROJECTOR. (DEMO ONLY)	GND	GROUND	WG	WIRE GUARD
	WALL MOUNTED ULTRA SHORT-THROW PROJECTOR. WHERE SHOWN TO BE RELOCATED, IT IS DUE TO THE NEW CEILING BEING LOWERED AND REQUIRES PROJECTOR INSTALLATION TO BE INSTALLED AT LOWER HEIGHT. CONTRACTOR SHALL DISCONNECT A/V CABLING AND 120V BRANCH WIRING TO ASSOCIATED RECEPTACLE. REMOVE AND TEMPORARILY STORE EQUIPMENT UNTIL NEW CEILING IS INSTALLED. EXISTING AUDIO/VISUAL CABLES SHALL BE SUPPORTED FROM STRUCTURE. REINSTALL PROJECTOR AT HEIGHT AS CLOSE TO NEW CEILING HEIGHT AS POSSIBLE. RECONNECT A/V AND 120V BRANCH WIRING TO MAKE PROJECTOR FULLY OPERATIONAL. DISTRICT WILL PERFORM FINAL AIMING AND FOCUSING OF PROJECTOR. WHERE WALL MOUNT PROJECTOR IS SHOWN TO BE EXISTING TO REMAIN, CONTRACTOR SHALL COVER AND PROTECT PROJECTOR FROM DUST AND PHYSICAL DAMAGE DURING CONSTRUCTION.	GP	GENERAL PURPOSE	WP	WEATHERPROOF
	PA SPEAKER, CEILING MOUNTED. WIRE TO NEAREST PA SYSTEM RACK/JB WITH 18/2 TWISTED, SHIELDED, PLENUM RATED SPEAKERS CABLE.	HP	HORSEPOWER	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
	PA SPEAKER, WALL MOUNTED. WIRE TO NEAREST PA SYSTEM RACK/JB WITH 18/2 TWISTED, SHIELDED, PLENUM RATED SPEAKERS CABLE.				
	A/V SYSTEM SPEAKER, WALL MOUNTED. WIRE TO A/V RACK/JB WITH 18/2 TWISTED, SHIELDED, PLENUM RATED SPEAKERS CABLE.				
	ANALOG CLOCK BATTERY POWERED, SYNC TO (E) MASTERCLOCK SYSTEM. PROVIDE 13", WIRELESS SYNCHRONIZED ANALOG WALL CLOCK, INNOVATION WIRELESS MODEL #210001				
	CCTV CAMERA, WHERE SHOWN TO BE RELOCATED, CONTRACTOR SHALL TEMPORARILY SUPPORT CAMERA FROM BUILDING STRUCTURE DURING CEILING CONSTRUCTION TO ALLOW CAMERA TO REMAIN OPERATIONAL AND VIEWING SAME AREA AS PRIOR TO CONSTRUCTION. REINSTALL CAMERA IN NEW CEILING. CONTRACTOR IS RESPONSIBLE TO WORK WITH DISTRICT TO REAM CAMERAS PER DISTRICT'S DIRECTION AT COMPLETION OF CONSTRUCTION.				
	DOOR CONTACT PROVIDED AND INSTALLED BY GC, WIRED BY EC. INSTALL SURFACE METALLIC RACEWAY WITH 2#22AWG CABLE FROM DOOR FRAME TO DOOR POWER SUPPLY ENCLOSURE BACK STAGE FOR CONNECTION TO ACCESS CONTROL COMPOSITE CABLE.				
	CARD READER, PROVIDED BY SECURITY VENDOR, INSTALLED BY CONTRACTOR. INSTALL SINGLE GANG WEATHERPROOF BACKBOX WITH 3/4" CONDUIT TO INTERIOR SURFACE METALLIC WALL BOX WITH METALLIC RACEWAY TO BACKSTAGE DOOR HARDWARE POWER SUPPLY. POWER SUPPLY TO BE PROVIDED BY GC, INSTALLED BY EC. MOUNT TOP OF CARD READER AT 48" AFG. INSTALL 6#22AWG SHIELDED CABLE FROM CARD READER TO DOOR HARDWARE POWER SUPPLY, AND INSTALL PLENUM RATED ACCESS CONTROL COMPOSITE CABLE, EQUAL TO WEST PENN #AC251822B, FROM POWER SUPPLY BACK TO EXISTING ACCESS CONTROL CABINET IN BOILER ROOM (APPROX. 250' CABLE LENGTH).				
	ELECTRIC LOCKING DOOR HARDWARE, PROVIDED AND INSTALLED BY GC, WIRED BY EC. INSTALL SURFACE METALLIC RACEWAY WITH 4#18AWG CABLE AND 4#22AWG CABLE FROM DOOR FRAME TO DOOR POWER SUPPLY ENCLOSURE BACK STAGE FOR CONNECTION TO ACCESS CONTROL COMPOSITE CABLE.				
	SECURITY PANIC ALARM HORN AND BLUE LIGHT STROBE, WALL MOUNT AT 96" AFF TO BOTTOM OF DEVICE. PROVIDE DEVICE EQUAL TO SYSTEM SENSOR SPECTR-ALERT #P2WA-P WITH #LENS-B BLUE LIGHT LENS FOR STROBE. INSTALL 2#14AWG PLENUM RATED CABLE FROM DEVICE BACK TO EXISTING PANIC ALERT CONTROL CABINET IN BOILER ROOM (APPROX. 150' CABLE LENGTH).				
	SECURITY PANIC ALARM RELAY, PROVIDED BY SECURITY VENDOR, INSTALLED BY CONTRACTOR. INSTALL 2#14AWG PLENUM RATED CABLE FROM DEVICE BACK TO EXISTING PANIC ALERT CONTROL CABINET IN BOILER ROOM (APPROX. 150' CABLE LENGTH).				
	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK				
	POINT OF CONNECTION BETWEEN DEMOLITION AND EXISTING WORK				
	EXISTING WORK				
	NEW WORK				
	DEMOLITION WORK				

PROJECT TITLE & ADDRESS:	
AUDITORIUM RENOVATION	
F.W. HOLBEIN SCHOOL	
BLOCK 41.05, LOT 12.09	
333 LEVIS DRIVE	
MOUNT HOLLY NEW JERSEY 08060	
OWNER ADDRESS:	
MOUNT HOLLY TOWNSHIP BOE	
333 LEVIS DRIVE	
MOUNT HOLLY NEW JERSEY 08060	
PROJECT NO.:	5733A
REVISION DATE:	Addendum-01 9/26/23
PRINT DATE:	9/25/23
DRAWN BY:	JDB
SHEET TITLE:	ELECTRICAL COVER SHEET

E-001



ELECTRICAL AND LIGHTING NEW WORK PLAN

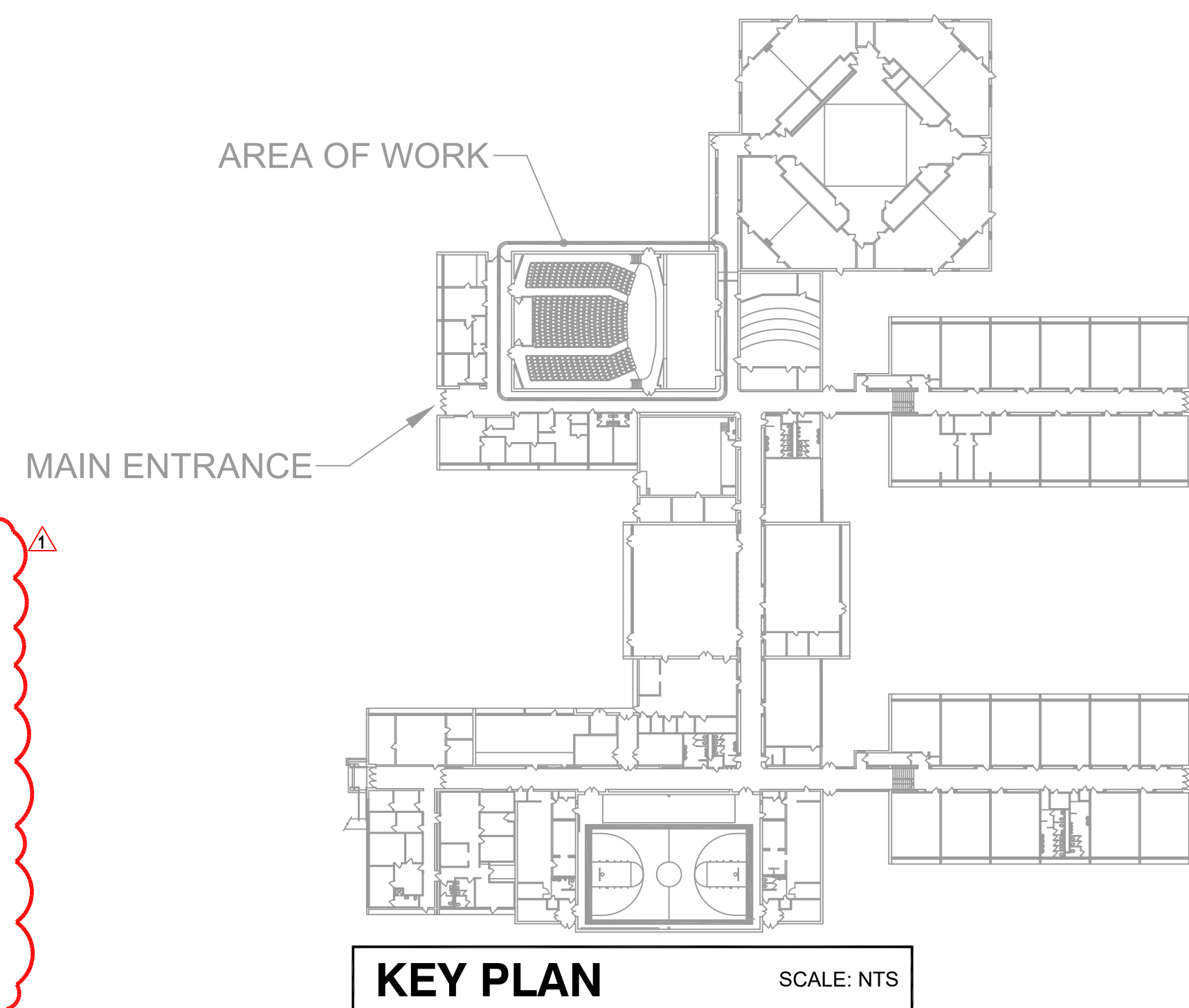
SCALE: 1/4" = 1'-0" 01

KEY NOTES:

- RECEPTACLE(S) LOCATIONS TO BE MAINTAINED, BRANCH CIRCUITS TO BE REUSED AND EXTENDED TO NEW PANEL "SP1", NEW CIRCUIT AS INDICATED, EXISTING CIRCUIT AS SHOWN ON DWG E-105 PANEL SCHEDULE. INSTALL NEW DEVICE AND COVER PLATE.
- CUT CHANNEL IN CONCRETE, FROM WALKWAY LIGHTS TO WALL, ROUTE LV CABLES IN 1/2" C THOUGH FLOOR AND BEHIND WALL UP TO TRANSFORMER IN ACCESSIBLE CEILING ABOVE. REFER TO E-101 FOR ADDITIONAL INFORMATION. PATCH CONCRETE FLOOR TO MATCH (E).
- EXISTING MASONRY WALL MUST BE FISHED THROUGH THE WALL WITH MC CABLE AND BACK BOXES RECESSED INTO MASONRY WALLS. IF WALLS ARE DETERMINED INFILLED BY CONTRACTOR AS NOT ABLE TO BE FISHED, THEN WIRING AND DEVICES SHALL BE INSTALLED IN SURFACE METALLIC RACEWAYS, PAINTED TO MATCH ADJACENT SURFACE. COORDINATE WALL SCONCES WITH ARCHITECTURAL DWGS ACOUSTIC PANELS & DETAILS TYPICAL.

NOTES:

- REFER TO DRAWING E-001 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
- ALL WORK SHOWN IS TO BE NEW, UNLESS OTHERWISE NOTED AS EXISTING (E), OR RELOCATED (REL).
- WIRE ALL LIGHTING AND POWER FROM SENSOR IQ PANEL, UNLESS OTHERWISE NOTED.
- WIRE EXIT SIGNS FROM PANEL "EPP-1", CIRCUIT #26 VIA EMERGENCY INVERTER E2.
- CONTRACTOR SHALL HIRE OWNER'S FIRE ALARM VENDOR TO PROVIDE FIRE ALARM DEVICES AS SHOWN ON DRAWINGS AND PROGRAMMING OF EXISTING EST-3X FIRE ALARM PANEL FOR ADDITIONAL DEVICES. WORK SHALL INCLUDE TESTING OF FIRE ALARM DEVICES WITH AUDIO/VISUAL SYSTEM. CONTACT RICHARD LIEBHAUSER AT ADT, 732-898-3919 FOR PRICING.
- CONTRACTOR SHALL HIRE OWNER'S SECURITY VENDOR TO PROVIDE SECURITY PANIC ALARM EQUIPMENT AS SHOWN. VENDOR SHALL PROVIDE ALL EQUIPMENT, DEVICES, PROGRAMMING AND TESTING, AS NEEDED, TO PROVIDE A DRY CONTACT RELAY CLOSURE TO THE AUDIO SOUND SYSTEM EQUIPMENT RACK ON THE STAGE IN THE EVENT OF THE EXISTING PANIC ALARM SYSTEM ACTIVATION IN ORDER TO MUTE THE AUDITORIUM SOUND SYSTEM. A BLUE ALERT HORN STROBE SHOULD ALSO BE PROVIDED AND INSTALLED TO ACTIVATE IN THE EVENT OF PANIC ALARM SYSTEM ACTIVATION. CONTACT BRYAN BENDEL AT SONITROL SECURITY, 609-304-5752 FOR PRICING.
- CONTRACTOR SHALL HIRE OWNER'S CARD ACCESS VENDOR TO PROVIDE SECURITY ACCESS CONTROL EQUIPMENT AS SHOWN ON DRAWINGS. VENDOR SHALL PROVIDE ALL EQUIPMENT, DEVICES, PROGRAMMING AND TESTING, AS NEEDED, TO PROVIDE A NEW CARD READER FOR AN EXTERIOR DOOR REPLACEMENT. CONTACT BRYAN BENDEL AT SONITROL SECURITY, 609-304-5752 FOR PRICING.



KEY PLAN

SCALE: NTS

SEAL

RICHARD L. DELP, P.E.
New Jersey Professional Engineer NO. GE453GB

REGAN YOUNG ENGLAND BUTERA
REFERENDUMS • ENGINEERING • ARCHITECTURE • DESIGN

456 HIGH STREET • MT. HOLLY, NEW JERSEY 08060 USA
+1809/265-2652-0333 FAX • 21A00912100 • RYEBREAD.COM

CONSULTANTS

SCHILLER AND HERSH ASSOCIATES, INC.
Consulting M/E/P Engineers
636 Skippack Pike, Suite 200 P. 215.886.8947
Blue Bell, PA 19422 P. 215.886.8556
S&H Job #2326A www.schillerhersh.com
Certificate of Authorization: 24GA28014000

PROJECT TITLE & ADDRESS:

AUDITORIUM RENOVATION
F.W. HOLBEIN SCHOOL
BLOCK 41.05, LOT 12.09
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

OWNER ADDRESS:

MOUNT HOLLY TOWNSHIP BOE
333 LEVIS DRIVE
MOUNT HOLLY NEW JERSEY 08060

PROJECT NO.: 5733A

REVISION DATE: Addendum-01 9/26/23

DRAWING DATE: 07 AUG. 2023

PRINT DATE: 9/25/23

DRAWN BY: JDB

SHEET TITLE: ELECTRICAL AND LIGHTING NEW WORK PLAN

E-102