

ADDENDUM NO. ONE

JOB NAME: Shoals Library Expansion

PROJECT NUMBER: 23-700-121-1

DATE OF ADDENDUM: 07/30/2024

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THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND IS ISSUED IN ACCORDANCE WITH THE INSTRUCTIONS TO BIDDERS. ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING THE ADDENDUM ACKNOWLEDGEMENT SECTION OF YOUR PROPOSAL.

Clarifications:

1. Are there any undercutting or additional costs that should be assumed for the voids in the soil, per the Geotech report?
 - a. Refer to Section 4 within the Geotechnical Report for recommendations.
2. Is there a specified elevator company?
 - a. The elevator specification is included in this addendum.
3. AC102 indicates the ceiling is to remain per the base bid, but there is no callout for Alternate 1 to replace it. Is the second floor ceiling not a part of the alternate?
 - a. Clarified in this addendum.
4. A-311 indicates use of salvaged brick for the veneer, but the exterior brick walls are not being demolished.
 - a. See detail 3 on AD101. Additionally, there are new doors being created in the existing exterior wall.
5. The door hardware section of the specs is missing letters throughout and is illegible.
 - a. This has since been corrected by Eastern Engineering on their site and have distributed an update outside of this addendum.
6. Is door security to be included in the bid, or will that be performed by others?
 - a. Access control scope will be by others.
7. Note 17 on AD101 seems to be at odds with Note 5 on IN102.
 - a. This has been clarified in this addendum.
8. Note 5 on E210 says "<varies>."
 - a. This has been addressed in this addendum.
9. AD102 is missing. Please confirm if this is supposed to be included.

- a. AD102 is included in this addendum.
10. Is Note 5 on AF102 part of the base bid or Alternate #1?
 - a. This is clarified in this addendum.
 11. Is note #5 on AC102 meant to be used?
 - a. It is used on AC101.
 12. Is the Owner coordinating and paying Duke Energy for power relocation?
 - a. The contractor is to coordinate with the utility provider for this and include cost for this.
 13. Is the Owner coordinating and paying the data provider for relocation of line in building?
 - a. The contractor is to include this scope.
 14. Please clarify the materials for door leaves and frames on doors 106, 107, and 108.
 - a. As shown in the opening schedule on A-600, all three doors have aluminum frames and wood leaves.
 15. What finishes are to be used in the existing space shown on IN102, should Alternate #1 be accepted?
 - a. This is clarified in this addendum.
 16. What is to be done with the existing cistern as noted in the Geotech? Infill? Demolish?
 - a. This is addressed in this addendum.
 17. The geotech seems to show different findings than what are in the structural and civil drawings.
 - a. The foundations and slab on grade should be constructed as per the structural drawings and the referenced geotechnical report. Per the structural drawings, the foundations and slab on grade will need to sit on soil which has been improved with rammed aggregate piers. The sub base material under slabs on grade should be clean granular fill compacted as noted in the geotechnical report. Undercutting of the soil may be required, the structural drawings may not indicate the entire scope of undercutting, the contractor should review the geotechnical report to assess the extent of excavation and compaction required to meet the design criteria. This is highlighted in notes 2, 5, 10, and 13 on sheet S001.
 18. Is Air Barrier Association of America Quality Assurance Program necessary for this project?
 - a. No.
 19. Is the \$20,000 contingency allowance listed in section 012100 supposed to be included in the base bid, or does it need to be included in alternate 1?
 - a. Allowance #1 states that it is contingent on Alternate #1 being accepted, so it should be included in Alternate #1, not in the base bid.
 20. Please clarify if liquidated damages will be enforced on this project and what the penalty will be.
 - a. Liquidated damages will be set at \$1,000 per day.
 21. RD Instruction 1942-A Bid Form on page 2 states "Bids shall include sales tax and all other applicable taxes and fees. Is this project tax exempt? Please confirm."
 - a. This project is tax exempt.
 22. Will retainage be 5% or 10%? The specifications say both in different areas.

- a. Refer to RD Instruction 1942-A, Guide 27, pp. 1-2 (found in section 00 52 00), which clarifies this.
23. There are some sheets included in the drawing set associated with fire protection. The life safety plan (G-101) indicates that sprinkler systems will not be required for this project. Please clarify.
- a. The fire protection sheets were included by mistake. There is no sprinkler system in this project. Please remove sheets F001, F210, F220, and F800 from the set. The cover sheet has been updated to reflect this.
24. What species of material are the 8x8s at the entrances of the new addition? Are they to be rough sawn or smooth?
- a. They are to be rough sawn treated cedar.
25. Will architectural wood casework for this project require AWI certification?
- a. No.

Specifications:

1. Section 00 01 10 – Table of Contents
 - a. Section 14 24 00 Added.
2. Section 06 41 00 – Architectural Wood Casework
 - a. AWI Certification requirement removed.
 - b. Fabricator Qualifications added.
3. Section 14 24 00 – Hydraulic Elevators
 - a. Section Added.

Drawings:

1. G-000 – Cover Sheet:
 - a. Added Sheet AD102.
 - b. Removed Fire Protection Sheets.
2. C100 – Site Development Plan:
 - a. Cistern to be demolished.
3. AD101 – Demo Plans
 - a. Note clarified.
4. AD102 – Demolition Photos and Notes
 - a. Sheet added.
5. AF102 – Second Floor Plan
 - a. Note clarified.
6. AC102 – Second Floor Ceiling Plan
 - a. Note clarified.
7. IN102 – Second Floor Finish Plan
 - a. Note added.
8. E210 – First Floor Lighting Plan
 - a. Note clarified.

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SECTION 06 41 00
ARCHITECTURAL WOOD CASEWORK

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Specially fabricated cabinet units.
- B. Hardware.

1.2 RELATED REQUIREMENTS

- A. Section 12 36 00 - Countertops.

1.3 REFERENCE STANDARDS

- A. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards, 2nd Edition; 2014, with Errata (2016).
- B. AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards; 2021, with Errata.
- C. BHMA A156.9 - Cabinet Hardware; 2020.
- D. UL (DIR) - Online Certifications Directory; Current Edition.

1.4 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene a preinstallation meeting not less than one week before starting work of this section; require attendance by all affected installers.

1.5 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Shop Drawings: Indicate materials, component profiles, fastening methods, jointing details, and accessories.
 - 1. Scale of Drawings: 1-1/2 inch to 1 foot (125 mm to 1 m), minimum.
 - 2. Provide information as required by AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS).
 - 3. Include certification program label.
- C. Product Data: Provide data for hardware accessories.

1.6 QUALITY ASSURANCE

- A. Fabricator Qualifications: Company specializing in fabricating the products specified in this section with minimum five years of documented experience.

1. Single Source Responsibility: Provide and install this work from single fabricator.

Quality Certification:

~~Provide labels or certificates indicating that the installed work complies with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS) requirements for grade or grades specified.~~

~~Provide designated labels on shop drawings as required by certification program.~~

~~Provide designated labels on installed products as required by certification program.~~

~~Submit certifications upon completion of installation that verifies this work is in compliance with specified requirements.~~

~~Replace, repair, or rework all work for which certification is refused.~~

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Protect units from moisture damage.

1.8 FIELD CONDITIONS

- A. During and after installation of custom cabinets, maintain temperature and humidity conditions in building spaces at same levels planned for occupancy.

PART 2 PRODUCTS

2.1 CABINETS

- A. Quality Standard: Custom Grade, in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS), unless noted otherwise.
- B. Plastic Laminate Faced Cabinets: Custom grade.

2.2 WOOD-BASED COMPONENTS

- A. Wood fabricated from old growth timber is not permitted.

2.3 LAMINATE MATERIALS

- A. Manufacturers:
 1. Arborite; ColorEdge: www.arborite.com/#sle.
 2. Formica Corporation: www.formica.com/#sle.
 3. Wilsonart LLC: www.wilsonart.com/#sle.

2.4 COUNTERTOPS

- A. Countertops: See Section 12 36 00.

2.5 ACCESSORIES

- A. Adhesive: Type recommended by fabricator to suit application.

- B. Plastic Edge Banding: Extruded PVC, convex shaped; smooth finish; self locking serrated tongue; of width to match component thickness.
- C. Fasteners: Size and type to suit application.
- D. Bolts, Nuts, Washers, Lags, Pins, and Screws: Of size and type to suit application; galvanized or chrome-plated finish in concealed locations and stainless steel or chrome-plated finish in exposed locations.
- E. Grommets: Standard plastic or rubber grommets for cut-outs, in color to match adjacent surface.

2.6 HARDWARE

- A. Hardware: BHMA A156.9, types as recommended by fabricator for quality grade specified.
- B. Drawer and Door Pulls: "U" shaped wire pull, steel with chrome finish, 4 inch centers ("U" shaped wire pull, steel with chrome finish, 100 mm centers).
- C. Drawer Slides:
 1. Type: Extension types as indicated.
 2. Static Load Capacity: Commercial grade.
 3. Mounting: Side mounted.
 4. Stops: Integral type.
 5. Features: Provide self closing/stay closed type.
 6. Manufacturers:
 - a. Accuride International, Inc; Light-Duty Drawer Slides: www.accuride.com/#sle.
- D. Hinges: European style concealed self-closing type, steel with nickel-plated finish.
 1. Manufacturers:
 - a. Blum, Inc; CLIP top BLUMOTION: www.blum.com/#sle.
 - b. Grass America Inc: www.grassusa.com/#sle.
 - c. Hardware Resources: www.hardwareresources.com/#sle.
 - d. Hettich America, LP: www.hettich.com/#sle.
 - e. Substitutions: See Section 01 60 00 - Product Requirements.

2.7 SHOP TREATMENT OF WOOD MATERIALS

- A. Provide UL (DIR) listed and approved identification on fire retardant treated material.
- B. Deliver fire retardant treated materials cut to required sizes. Minimize field cutting.

2.8 FABRICATION

- A. Assembly: Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.
- B. Edging: Fit shelves, doors, and exposed edges with specified edging. Do not use more than one piece for any single length.

- C. Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide matching trim for scribing and site cutting.
- D. Plastic Laminate: Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Fit corners and joints hairline; secure with concealed fasteners. Slightly bevel arises. Locate counter butt joints minimum 2 feet from sink cut-outs. (Locate counter butt joints minimum 600 mm from sink cut-outs.)
 - 1. Apply laminate backing sheet to reverse side of plastic laminate finished surfaces.
- E. Provide cutouts for plumbing fixtures. Verify locations of cutouts from on-site dimensions. Prime paint cut edges.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify adequacy of backing and support framing.
- B. Verify location and sizes of utility rough-in associated with work of this section.

3.2 INSTALLATION

- A. Install work in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI (NAAWS) requirements for grade indicated.
- B. Set and secure custom cabinets in place, assuring that they are rigid, plumb, and level.
- C. Use concealed joint fasteners to align and secure adjoining cabinet units.
- D. Secure cabinets to floor using appropriate angles and anchorages.

3.3 ADJUSTING

- A. Adjust installed work.
- B. Adjust moving or operating parts to function smoothly and correctly.

3.4 CLEANING

- A. Clean casework, counters, shelves, hardware, fittings, and fixtures.

END OF SECTION

SECTION 14 24 00
HYDRAULIC ELEVATORS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Complete hydraulic elevator systems.
 - 1. Passenger type.
- B. Elevator Maintenance Contract.

1.2 RELATED REQUIREMENTS

- A. Section 09 65 00 - Resilient Flooring: Floor finish in car.
- B. Section 22 05 13 - Common Motor Requirements for Plumbing Equipment: Motor for sump pump in pit.
- C. Section 26 05 33.13 - Conduit for Electrical Systems:
- D. Section 26 05 83 - Wiring Connections:

1.3 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- B. AISC 360 - Specification for Structural Steel Buildings; 2022.
- C. ASCE 7 - Minimum Design Loads and Associated Criteria for Buildings and Other Structures; Most Recent Edition Cited by Referring Code or Reference Standard.
- D. ASME A17.1 - Safety Code for Elevators and Escalators Includes Requirements for Elevators, Escalators, Dumbwaiters, Moving Walks, Material Lifts, and Dumbwaiters with Automatic Transfer Devices; 2022.
- E. ASME A17.2 - Guide for Inspection of Elevators, Escalators, and Moving Walks Includes Inspection Procedures for Electric Traction and Winding Drum Elevators, Hydraulic Elevators, Inclined Elevators, Limited-Use/Limited-Application Elevators, Private Residence Elevators, Escalators, Moving Walks, Dumbwaiters, and Material Lifts; 2023.
- F. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2023.
- G. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2021.
- H. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric); 2021.
- I. AWS D1.1/D1.1M - Structural Welding Code - Steel; 2020, with Errata (2023).

- J. ITS (DIR) - Directory of Listed Products; Current Edition.
- K. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- L. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2022.
- M. UL (DIR) - Online Certifications Directory; Current Edition.

1.4 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Coordinate work with other installers to provide conduits necessary for installation of wiring including but not limited to:
 - a. Elevator equipment devices remote from elevator machine room or hoistway.
 - b. Remote group automatic panel in lobby from controller cabinet.
 - c. Elevator pit for lighting and sump pump.
- B. Preinstallation Meeting: Convene meeting at least one week prior to start of this work.
 - 1. Review schedule of installation, proper procedures and conditions, and coordination with related work.
- C. Construction Use of Elevator: Not permitted.

1.5 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Submit data on following items:
 - 1. Signal and operating fixtures, operating panels, and indicators.
 - 2. Car design, dimensions, layout, and components.
 - 3. Car and hoistway door and frame details.
 - 4. Electrical characteristics and connection requirements.
- C. Shop Drawings: Include appropriate plans, elevations, sections, diagrams, and details on following items:
 - 1. Elevator Equipment and Machines: Size and location of driving machines, power units, controllers, governors, and other components.
 - 2. Hoistway Components: Size and location of car guide rails, buffers, jack unit and other components.
 - 3. Rail bracket spacing; maximum loads imposed on guide rails requiring load transfer to building structural framing.
 - 4. Clearances and over-travel of car.
 - 5. Locations in hoistway and machine room of traveling cables and connections for ear-lighting, telephone, and []car lighting and telephone.
 - 6. Location and sizes of hoistway and car doors and frames.
 - 7. Electrical characteristics and connection requirements.
 - 8. Indicate arrangement of elevator equipment and allow for clear passage of equipment through access openings.

- D. Samples: Submit samples illustrating ~~car interior finishes, car and hoistway door and frame finishes, handrail material and finish, and []car interior finishes, car and hoistway door and frame finishes, and handrail material and finish in the form of cut sheets, finish color selection brochures, or []cut sheets or finish color selection brochures.~~
 - E. Manufacturer's Qualification Statement.
 - F. Installer's Qualification Statement.
 - G. Testing Agency's Qualification Statement.
 - H. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
 - I. Initial Maintenance Contract.
 - J. Maintenance Contract: Submit proposal to Owner for standard one year continuing maintenance contract agreement in accordance with ASME A17.1 and requirements as indicated, starting on date initial maintenance contract is scheduled to expire.
 - 1. Indicate in proposal the services, obligations, conditions, and terms for agreement period and for renewal options.
 - K. Operation and Maintenance Data:
 - 1. Parts catalog with complete list of equipment replacement parts; identify each entry with equipment description and identifying code.
 - 2. Operation and maintenance manual.
 - 3. Schematic drawings of equipment and hydraulic piping, and wiring diagrams of installed electrical equipment with list of corresponding symbols to identify markings on machine room and hoistway apparatus.
- 1.6 QUALITY ASSURANCE
- A. Maintain one copy of each quality standard document on site.
 - B. Designer Qualifications: Design guide rails, brackets, anchors, and machine anchors under direct supervision of a licensed Professional Structural Engineer experienced in design of this type of work and licensed in the State in which the Project is located.
 - C. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum ten years documented experience.
 - D. Installer Qualifications: Trained personnel and supervisor on staff of elevator equipment manufacturer.
 - E. Testing Agency Qualifications: Independent firm specializing in performing testing and inspections of type specified in this section.
 - F. Products Requiring Fire Resistance Rating: Listed and classified by ITS (DIR), UL (DIR), or testing agency acceptable to authorities having jurisdiction.
- 1.7 WARRANTY
- A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.

- B. Provide manufacturer's warranty for elevator operating equipment and devices for one year from Date of Substantial Completion.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Hydraulic Elevator Manufacturers:
1. Otis Elevator Company; HydroFit: www.otis.com/#sle.
 2. Schindler Elevator Corporation; _____: www.schindler.com/#sle.
 3. Basis of Design: TK Elevator;[____]: www.tkelevator.com/#sle.
- B. Substitutions: See Section 01 60 00 - Product Requirements.
- C. Source Limitations: Provide elevator and associated equipment and components produced by the same manufacturer as the other elevator equipment used for this project and obtained from a single supplier.

2.2 HYDRAULIC ELEVATORS

- A. Basis of Design - ThyssenKrupp Endura 21 A, machine room-less
- B. Hydraulic Passenger Elevator, No.[____], _____:
1. Hydraulic Elevator Equipment:
 - a. Holeless hydraulic with cylinder mounted within hoistway.
 2. Service Control Type:
 - a. Standard service control only.
 3. Interior Car Height: ~~96 inch (2438 mm)~~88 inch (2235 mm).
 4. Electrical Power: ~~480~~230 volts; alternating current (AC); ~~three~~single phase; 60 Hz.
 5. Rated Net Capacity: 2100 pounds (950 kgs).
 6. Rated Speed: ~~100 feet per minute (0.5 m per second)~~____ feet per minute (____ m per second).
 7. Hoistway Size: As indicated on drawings.
 8. Interior Car Platform Size: As indicated on drawings.
 9. Elevator Pit Depth: ~~48 inch (1219 mm)~~60 inch (1524 mm).
 10. Overhead Clearance at Top Floor: ~~144 inch (3658 mm)~~146 inch (3708 mm).
 11. Travel Distance: As indicated on drawings.
 12. Number of Stops: As indicated on drawings.
 13. Number of Openings: [____]2 Front;[____]Rear.
 14. Hydraulic Equipment Location: As indicated on drawings

2.3 COMPONENTS

- A. Elevator Equipment:
1. Motors, Hydraulic Equipment, Controllers, Controls, Buttons, Wiring, Devices, and Indicators: Comply with NFPA 70; see Section 26 05 83.
 2. Guide Rails, Cables, Buffers, Attachment Brackets and Anchors: Design criteria for components includes safety factors in accordance with applicable requirements of Elevator Code, ASME A17.1.

3. Buffers:
 - a. Spring type for elevators with speed less than or equal to 200 fpm (1 m/sec).
 4. Lubrication Equipment:
 - a. Provide grease fittings for periodic lubrication of bearings.
 - b. Lubrication Points: Visible and easily accessible.
- B. Electrical Equipment:
1. Motors: NEMA MG 1 Standard manufacturer motor specifically designed for oil-hydraulic elevator service. Duty rating - motors shall be capable of 80 starts per hour with a 30% motor run time during each start..
 2. Boxes, Conduit, Wiring, and Devices: As required by NFPA 70; see Sections 26 05 33.13 and 26 05 83.
 3. Sump Pump in Pit: See Section 22-05-1322 13 28.
 4. Include wiring and connections to elevator devices remote from hoistway and between elevator machine room. Provide additional components and wiring to suit machine room layout. See Section 26 05 83.

2.4 PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Comply with ASME A17.1, applicable local codes, authorities having jurisdiction (AHJ), and []ASME A17.1, applicable local codes, and authorities having jurisdiction (AHJ).
- B. Accessibility Requirements: Comply with ADA Standards.
- C. Perform structural steel design, fabrication, and installation in accordance with AISC 360.
- D. Comply with seismic design requirements in accordance with ASME A17.1, applicable local codes, authorities having jurisdiction (AHJ), and []ASME A17.1, applicable local codes, and authorities having jurisdiction (AHJ).
 1. Complying with Elevator Safety Requirements for Seismic Risk Zone in accordance with ASME A17.1, ASCE 7 and other related requirements.
 2. Provide earthquake emergency operations in accordance with ASME A17.1 requirements.
- E. Perform welding of steel in accordance with AWS D1.1/D1.1M.
- F. Fabricate and install door and frame assemblies in accordance with NFPA 80 and in compliance with requirements of authorities having jurisdiction.
- G. Perform electrical work in accordance with NFPA 70.

2.5 OPERATION CONTROLS

- A. Elevator Controls: Provide landing operating panels, landing indicator panels, and []landing operating panels and landing indicator panels.
 1. Landing Operating Panels: Metallic type, one for originating "Up" and one for originating "Down" calls, one button only at terminating landings; with illuminating indicators.
 2. Landing Indicator Panels: Illuminating.
 3. Comply with ADA Standards for elevator controls.

- B. Interconnect elevator control system with building security, fire alarm, card access, smoke alarm, building management control, and [] card access and building management control systems.
- C. Door Operation Controls:
 - 1. Program door control to open doors automatically when car arrives at floor landing.
 - 2. Render "Door Close" button inoperative when car is standing at dispatch landing with doors open.
 - 3. Door Safety Devices: Moveable, retractable safety edges, quiet in operation; equipped with photo-electric light rays.

2.6 OPERATION CONTROL TYPE

- A. Single Automatic (Push Button) Operation Control: Applies to car in single elevator shaft.
 - 1. Refer to description provided in ASME A17.1.
 - 2. Set system operation so that momentary pressure of landing button dispatches car from other landing to that landing.
 - 3. Allow call registered by momentary pressure of landing button at any time to remain registered until car stops in response to that landing call.
 - 4. If elevator car door is not opened within predetermined period of time after car has stopped at terminal landing allow car to respond to call registered from other landing.

2.7 MATERIALS

- A. Stainless Steel Sheet: ASTM A666, Type 304; No. 4 Brushed finish unless otherwise indicated.
- B. Extruded Aluminum: ASTM B221 (ASTM B221M), natural anodized finish unless otherwise indicated.
- C. Resilient Flooring: Vinyl tile flooring and Resilient base, see Section 09 65 00, Type[].

2.8 CAR AND HOISTWAY ENTRANCES

- A. Elevator, No. []:
 - 1. Car and Hoistway Entrances, ~~Main Elevator Lobby~~, Each Elevator Floor Lobby:
 - a. Hoistway Fire Rating: ~~2 Hours~~ 1 Hour.
 - b. Elevator Door Fire Rating: ~~1-1/2 Hours~~ 1 Hour.
 - c. Framed Opening Finish and Material: ~~Alkyd enamel on steel~~ Baked enamel on steel.
 - d. Car Door Material: Powder coat on steel, with rigid sandwich panel construction.
 - e. Hoistway Door Material: Powder coat on steel, with rigid sandwich panel construction.
 - f. Door Type: Double leaf.
 - g. Door Operation: Side opening, two speed.
 - h. Door Width: 36 inches (0.914 m).
 - i. Door Height: 84 inches (2.134 m).
 - j. Sills: Extruded aluminum.

2.9 CAR EQUIPMENT AND MATERIALS

A. Elevator Car, No. []:

1. Car Operating Panel: Provide main and auxiliary; flush-mounted applied face plate, with illuminated call buttons corresponding to floors served with "Door Open/Door Close" buttons, "Door Open" button, "Door Close" button, alarm button, and [].
 - a. Panel Material: Integral with front return; one per car.
 - b. Car Floor Position Indicator: Above door with illuminating position indicators.
 - c. Locate alarm button where it is unlikely to be accidentally actuated; not more than 54 inch (1.372 m) above car finished floor.
2. Ventilation: Single speed fan with grille in ceiling.
3. Flooring: ~~Carpeting~~Resilient vinyl tile.
4. Wall Base: Resilient base, 4 inch (102 mm) high.
5. Front Return Panel: Match material of car door.
6. Door Wall: ~~Plastic laminate on plywood~~Stainless steel.
7. Side Walls: Plastic laminate on plywood.
8. Rear Wall: Plastic laminate on plywood.
9. Hand Rail: ~~Aluminum~~Stainless steel, at all three sides. Provide open clearance space 1-1/2 inch (38 mm) wide to face of wall.
 - a. Stainless Steel Finish: No. 4 Brushed.
10. Ceiling: ~~[]~~No. 4 Brushed Stainless Steel.

2.10 FINISHES

- A. Powder Coat on Steel: Clean and degrease metal surface; apply one coat of primer; two coats of powder coat.
- B. Baked Enamel on Steel: Clean and degrease metal surface; apply one coat of primer sprayed and baked; two coats of enamel sprayed and baked.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify existing conditions before starting this work.
- B. Verify that hoistway, pit, machine room, and [] hoistway and pit are ready for work of this section.
- C. Verify hoistway shaft and openings are of correct size and within tolerance.
- D. Verify location and size of machine foundation and position of machine foundation bolts.
- E. Verify that electrical power is available and of correct characteristics.

3.2 PREPARATION

- A. Arrange for temporary electrical power for installation work and testing of elevator components; see Section 01 50 00 - Temporary Facilities and Controls for additional

requirements.

- B. Maintain elevator pit excavation free of water.
- C. Maintain in-ground elevator shaft excavation free of water.

3.3 INSTALLATION

- A. Coordinate this work with installation of hoistway wall construction.
- B. Install system components, and connect equipment to building utilities.
- C. Provide conduit, electrical boxes, wiring, and accessories; see Sections 26-05-33.13 and 26-05-83; as required by manufacturer.
- D. Install hydraulic piping between cylinder and pump unit.
- E. Mount ~~machines, motors, pumps, and []~~ machines, motors, and pumps on vibration and acoustic isolators.
 - 1. Place on structural supports and bearing plates.
 - 2. Securely fasten to building supports.
 - 3. Prevent lateral displacement.
- F. Install hoistway, elevator equipment, and components in accordance with approved shop drawings.
- G. Install guide rails to allow for thermal expansion and contraction movement of guide rails.
- H. Accurately machine and align guide rails, forming smooth joints with machined splice plates.
- I. Field Welds: Chip and clean away oxidation and residue with wire brush; spot prime surface with two coats.
- J. Install hoistway door sills, frames, and headers in hoistway walls; grout sills in place, set hoistway floor entrances in alignment with car openings, and align plumb with hoistway.
- K. Structural Metal Surfaces: Clean surfaces of rust, oil or grease; wipe clean with solvent; prime two coats.
- L. Wood Surfaces not Exposed to Public View: Finish with one coat primer; one coat enamel.
- M. Adjust equipment for smooth and quiet operation.

3.4 TOLERANCES

- A. Guide Rail Alignment: Plumb and parallel to each other in accordance with ASME A17.1 and ASME A17.2.
- B. Car Movement on Aligned Guide Rails: Smooth movement, without any objectionable lateral or oscillating movement or vibration.

3.5 FIELD QUALITY CONTROL

- A. See Section 01 40 00 - Quality Requirements for additional requirements.

- B. Testing and inspection by regulatory agencies certified in accordance with ASME QEI 1 will be performed at their discretion.
 - 1. Schedule tests with agencies and notify Owner and Architect.
 - 2. Obtain permits as required to perform tests.
 - 3. Document regulatory agency tests and inspections in accordance with requirements.
 - 4. Perform tests required by regulatory agencies.
 - 5. Furnish test and approval certificates issued by authorities having jurisdiction.

3.6 ADJUSTING

- A. Adjust for smooth acceleration and deceleration of car to minimize passenger discomfort.
- B. Adjust with automatic floor leveling feature at each floor landing to reach 1/4 inch (6.4 mm) maximum from flush with sill.

3.7 CLEANING

- A. See Section 01 70 00 - Execution and Closeout Requirements for additional requirements.
- B. Remove protective coverings from finished surfaces.
- C. Clean surfaces and components in accordance with manufacturers written instructions.

3.8 CLOSEOUT ACTIVITIES

- A. See Section 01 78 00 - Closeout Submittals for closeout submittals.
- B. Demonstrate proper operation of equipment to Owner's designated representative.

3.9 PROTECTION

- A. Do not permit construction traffic within car after cleaning.
- B. Protect installed products until Date of Substantial Completion.
- C. Touch-up, repair, or replace damaged products and materials prior to Date of Substantial Completion.

3.10 MAINTENANCE

- A. Provide Initial Maintenance Contract of elevator system and components in accordance with ASME A17.1 and requirements as indicated for 3 months from Date of Substantial Completion.
- B. Perform maintenance contract services using competent and qualified personnel under the supervision and direct employ of the elevator manufacturer or original installer.
- C. Include systematic examination, adjustment, and lubrication of elevator equipment.
- D. Perform work without removing cars from use during peak traffic periods.

END OF SECTION

CITY OF SHOALS

SHOALS LIBRARY EXPANSION

404 High St, Shoals, IN 47581

Project Number: 23-700-121-1

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E800	ELECTRICAL DETAILS

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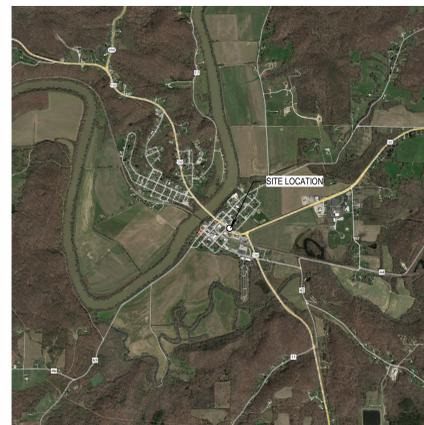


Structural/ Civil Engineer

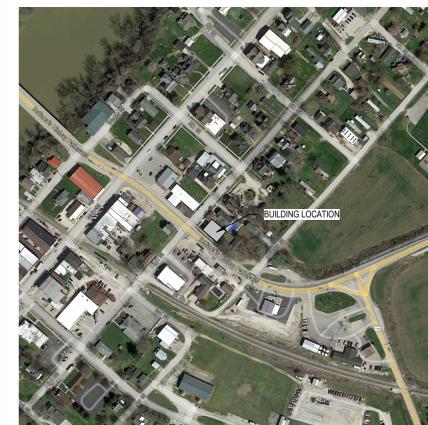
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 9365 Counselors Row
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Site Location



Building Location



SHOALS LIBRARY EXPANSION

Project Number: 23-700-121-1

Bid Set
CITY OF SHOALS
SHOALS PUBLIC LIBRARY
EXPANSION
404 High St., Shoals, IN 47581

#	Revision	Date
1	ADDENDUM #1	30 JULY 2024

Project #: 23-700-121-1
Designed By: NBV
Drawn By: NBV
Checked By: NBV
Date: 7.03.2024

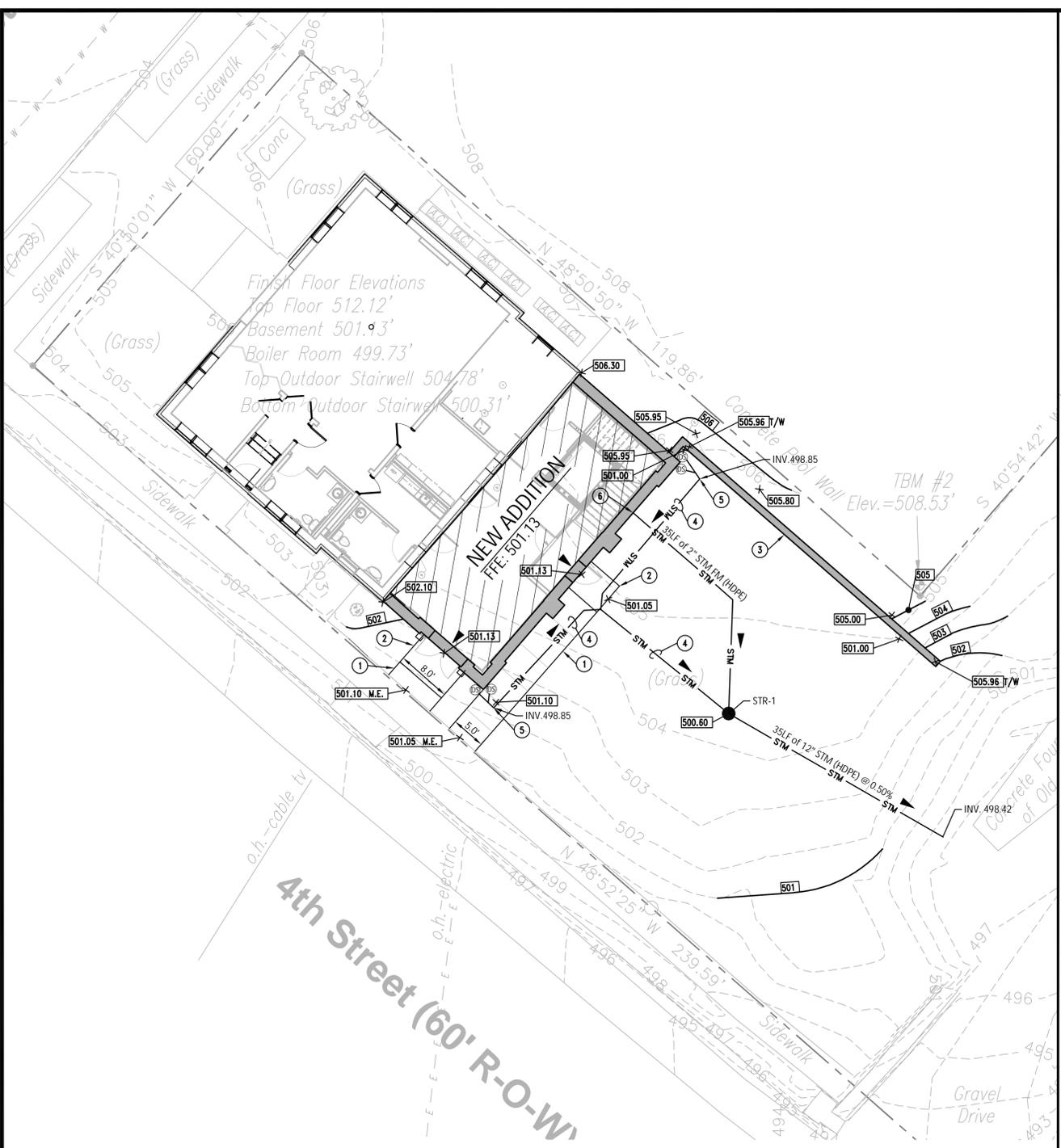


Nicholas Brian Vergara

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SITE DEVELOPMENT PLAN

C100

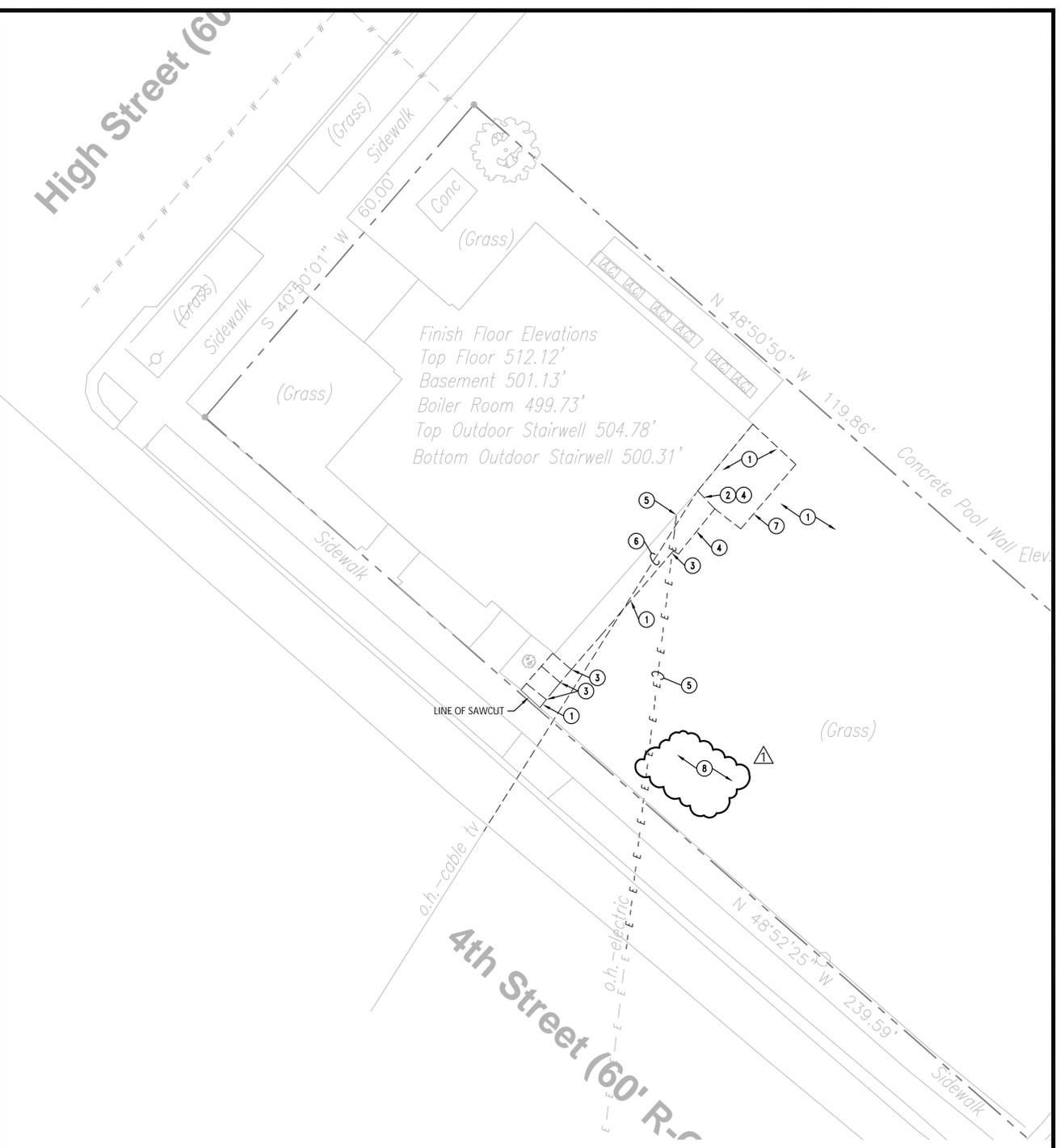
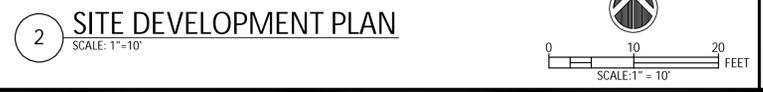


- PLAN NOTES**
- CONCRETE SIDEWALK.
 - FLUSH CONCRETE STOOP. REFER TO STRUCTURAL DRAWINGS.
 - CONCRETE RETAINING WALL WITH RAILING. TOP OF WALL ELEVATION AS INDICATED TO MATCH TOP OF RAISED FOUNDATION WALL. REFER TO ARCHITECTURAL. TOP OF FOOTING TO BE 2FT BELOW PROPOSED GRADE (499.00±). REFER TO STRUCTURAL DRAWINGS FOR DETAILS. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION ON RAILING.
 - 8" ROOF DRAIN PIPING. SLOPE AT 0.50% MINIMUM TOWARD STRUCTURE-1.
 - REFER TO PLUMBING DRAWINGS FOR INVERT, SIZE, AND LOCATION OF PIPING. INSTALL REDUCER TO MATCH PIPE SIZE CALLED OUT ON PLUMBING DRAWINGS.

- GENERAL NOTES**
- A. REFER TO CONSTRUCTION DETAILS FOR NOTE REFERENCES.

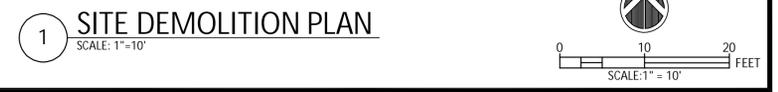
STRUCTURE SCHEDULE

MARK	INVERT		CASTING		STRUCTURE	
	INLET	OUTLET	ELEVATION	TYPE	TYPE	DETAIL
STR-1	N 498.60 NW 498.60	498.60	500.60	R3405	INLET	C200



- PLAN NOTES**
- REMOVE EXISTING CONCRETE SIDEWALK COMPLETE. MAKE STRAIGHT SAWCUT AT TERMINATION.
 - REMOVE EXISTING CONCRETE WALL COMPLETE.
 - REMOVE EXISTING CONCRETE STAIRS COMPLETE.
 - REMOVE EXISTING RAILINGS COMPLETE.
 - REMOVE EXISTING ELECTRICAL SERVICE AND METER COMPLETE. REFEED TO NEW METER LOCATION. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
 - REMOVE EXISTING OVERHEAD CABLE TV COMPLETE. REFEED TO NEW ENTRANCE LOCATION. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
 - REMOVE EXISTING COAL CHUTE COMPLETE IN THIS AREA.
 - REMOVE EXISTING ABANDONED BRICK CISTERN IN THIS AREA COMPLETE. EXACT LOCATION AND SIZE OF CISTERN IS UNKNOWN.

- GENERAL NOTES**
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, AND VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, STATE AND FEDERAL AGENCIES PRIOR TO STARTING CONSTRUCTION.
 - CONTRACTOR SHALL VERIFY LOCATION AND INVERT ELEVATIONS OF EXISTING SEWERS PRIOR TO START OF CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN A COMPLETE AND OPERABLE UTILITY SYSTEM AT ALL TIMES.
 - CONTRACTOR SHALL INCLUDE COSTS FOR CUTTING AND PATCHING AS REQUIRED IN THEIR BID PROPOSAL TO COMPLETELY INSTALL THE WORK INDICATED.
 - CONTRACTOR SHALL INCLUDE ALL TAP FEES, PERMIT FEES AND APPLICATION FEES IN THEIR BID PROPOSAL AS NECESSARY TO COMPLETELY INSTALL THE WORK INDICATED.
 - INFORMATION SHOWN WAS OBTAINED FROM AN OWNER FURNISHED SITE SURVEY OF EXISTING CONDITIONS AND IS UNCONFIRMED. CONTRACTOR IS REQUIRED TO FIELD VERIFY THIS INFORMATION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES SO MODIFICATION CAN BE MADE.
 - CONTRACTOR SHALL COORDINATE EXACT UTILITY LOCATIONS WITH THE OWNER AND LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY WORK. UTILIZE THE INDIANA UNDERGROUND UTILITY LOCATION SERVICE AT 811 OR 800-382-5544 PRIOR TO ANY EXCAVATION ON THE SITE.





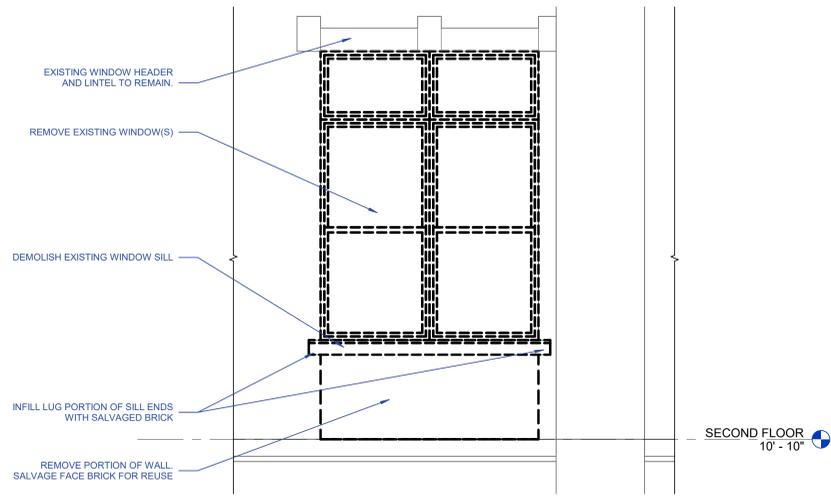
6 EXTERIOR DEMO PHOTO 03
12" = 1'-0"



5 EXTERIOR DEMO PHOTO 02
12" = 1'-0"



4 EXTERIOR DEMO PHOTO 01
12" = 1'-0"



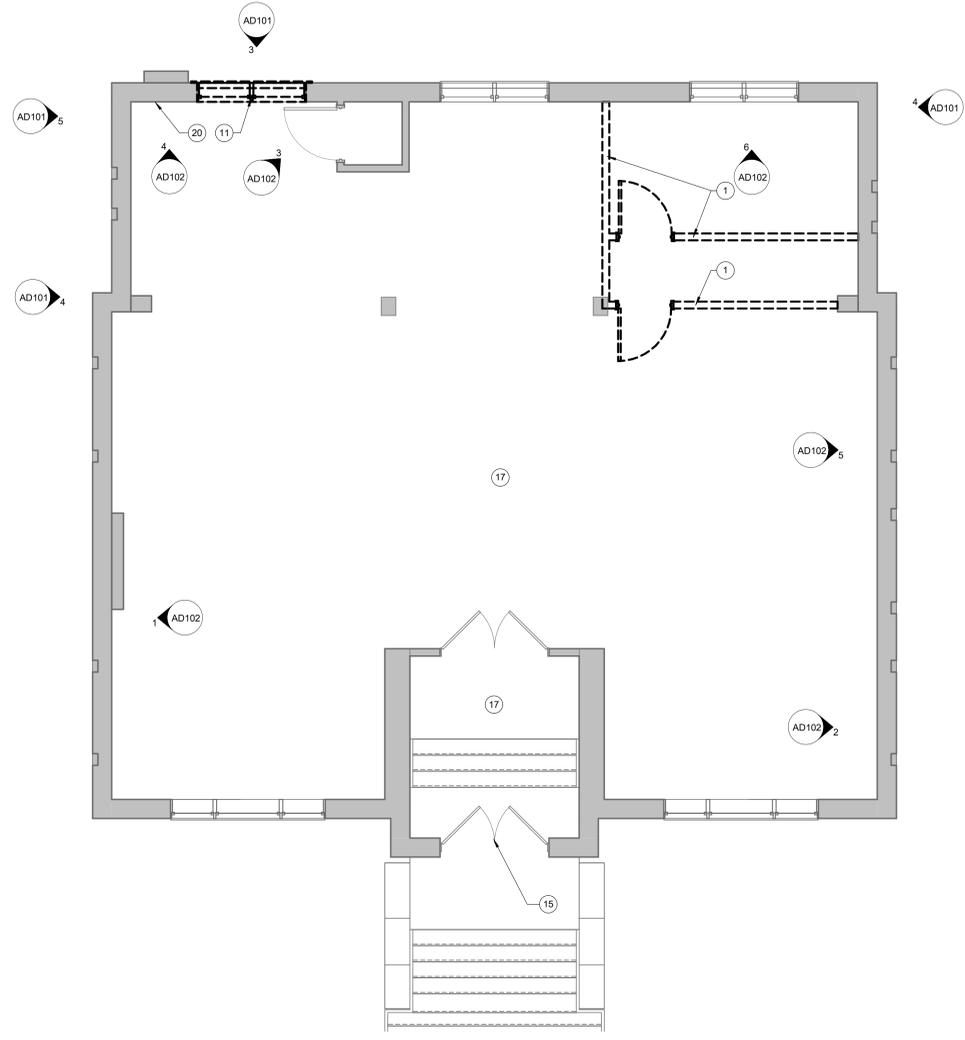
3 EXISTING WINDOW DEMOLITION DETAIL
1/2" = 1'-0"

GENERAL DEMOLITION NOTES

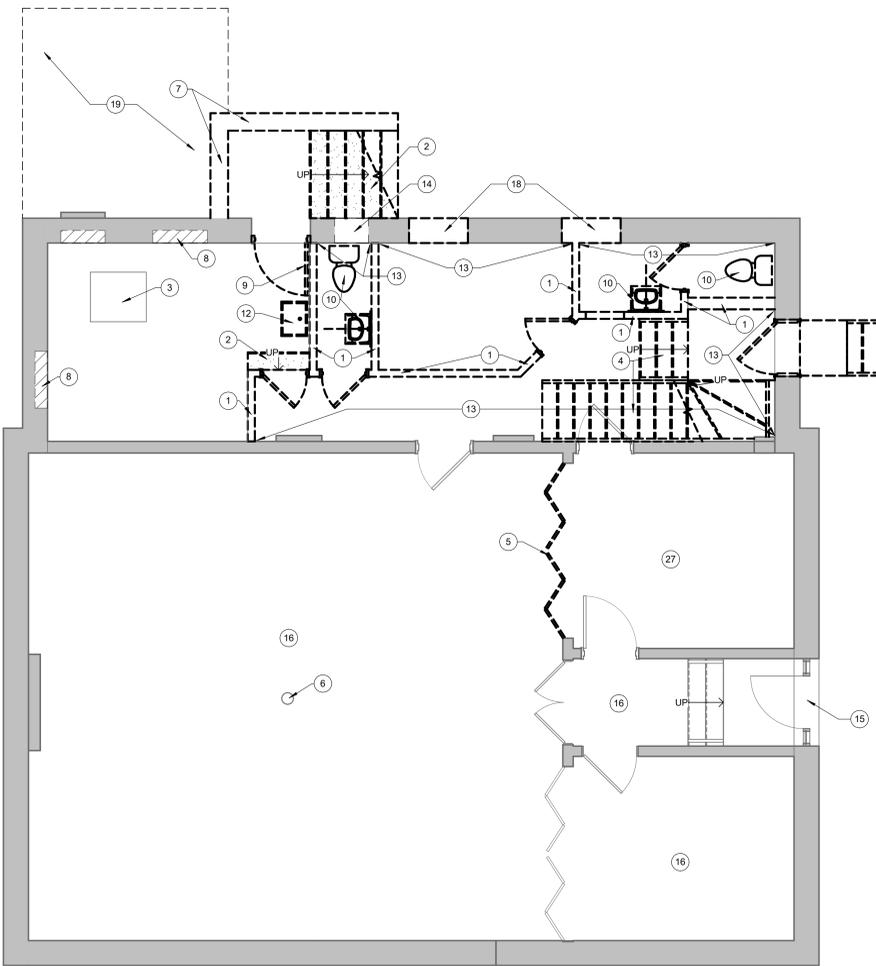
- CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ARRANGEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING SURFACES, MATERIALS, AND COMPONENTS TO REMAIN OR BE RELOCATED. DAMAGE TO THESE RESULTING FROM PERFORMANCE OF WORK SHALL BE REPAIRED BY CONTRACTOR TO SATISFACTION OF OWNER AND ARCHITECT AT NO ADDITIONAL EXPENSE TO OWNER.
- CONTRACTOR SHALL PROVIDE TEMPORARY DUST PROTECTION AS REQUIRED TO PREVENT CONSTRUCTION DEBRIS AND DUST FROM MIGRATING OUT OF PROJECT AREA. OWNER/ARCHITECT SHALL CONFIRM ALL DUST PREVENTION MEASURES LOCATIONS AND SHALL DETERMINE CHANGES TO THESE MEASURES.
- ALL EXISTING EQUIPMENT AND FIXTURES SHALL REMAIN PROPERTY OF OWNER. ALL REUSABLE ITEMS SALVAGED DURING DEMOLITION OPERATIONS SHALL BE RETAINED FOR OWNER'S INSPECTION. ONLY ITEMS SO INSPECTED AND REJECTED BY OWNER SHALL BE DISPOSED. ALL OTHER SUCH ITEMS SHALL BE TURNED OVER TO OWNER FOR DISPOSITION.
- ALL EXISTING SURFACES LOCATED ADJACENT TO, OR EXPOSED BY DEMOLITION WORK AND SCHEDULED TO RECEIVE NEW CONSTRUCTION SHALL BE PATCHED AND REPAIRED AS REQUIRED TO CLEANLY RECEIVE NEW WORK.
- ALL EXISTING SURFACES LOCATED ADJACENT TO, OR EXPOSED BY DEMOLITION WORK AND SCHEDULED TO REMAIN EXPOSED AFTER COMPLETION OF NEW CONST. SHALL BE REPAIRED AND PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.
- OWNER WILL BE RESPONSIBLE FOR REMOVAL/REARRANGEMENT OF ALL EXISTING LOOSE FURNISHINGS DURING CONSTRUCTION, UNLESS NOTED OTHERWISE.
- REFER TO MECH/ELEC DRAWINGS FOR ADDITIONAL PATCHING AND PREPARATION WORK RELATED TO M/E/P DEMOLITION ITEMS.
- EXISTING SLEEVES, HOLES, AND OTHER PENETRATIONS OR NEW DAMAGE OF EXISTING BUILDING STRUCTURE ABOVE GRADE EXPOSED BY DEMOLITION AND REMOVAL OF PIPING, APPURTENANCES, EQUIPMENT SHALL BE PATCHED AND REPAIRED AS PART OF THE WORK. MAINTAIN FIRE RATINGS OF ALL AND ADJACENT CONSTRUCTION AFFECTED.
- CAP ALL PIPING TO REMAIN OR ABANDONED IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION AND IN ACCORDANCE WITH ALL LOCAL AND STATE PLUMBING AND HEALTH CODES. UTILIZE ONLY PRE-MANUFACTURED AND APPROVED FITTINGS TO CAP EXISTING PIPING.
- EACH CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED OR NOTED FOR INSTALLATION OF NEW WORK. DEMOLITION MAY INCLUDE ASSOCIATED DISTRIBUTION SYSTEMS, APPURTENANCES, EQUIPMENT SUPPORTING CONTROLS, AND MISCELLANEOUS SUPPORTS, UNLESS NOTED OTHERWISE.
- COORDINATE ALL DEMOLITION WITH PROJECT SEQUENCING AS DIRECTED BY GENERAL CONTRACTOR OR CONSTRUCTION MANAGER.
- PATCH AND REPAIR ALL WALL DAMAGE RELATED TO ABANDONED MECH/PLUMB EQUIPMENT.

5.4.092 - DEMO FLOOR PLAN NOTES

Key	Note
1	REMOVE WALL COMPLETE AS INDICATED INCLUDING DOOR, FRAME & HARDWARE. PATCH AND REPAIR FLOOR AS REQUIRED.
2	REMOVE CONCRETE STAIR IN ITS ENTIRETY.
3	EXISTING RAISED CONCRETE SLAB TO REMAIN.
4	EXISTING WOOD STAIRCASE AND LANDING TO BE REMOVED IN ITS ENTIRETY.
5	EXISTING BIFOLD DOOR PANELS TO BE REMOVED. EXISTING FRAME TO REMAIN.
6	EXISTING STEEL COLUMN TO REMAIN.
7	EXISTING CONCRETE RETAINING WALL TO BE REMOVED IN ITS ENTIRETY. REF TO CIVIL SERIES DWGS.
8	EXISTING CHIMNEY CHUTE TO BE INFILLED. MATCH TO EXISTING ADJACENT WALL CONSTRUCTION.
9	REMOVE DOOR, FRAME, HARDWARE AND TRANSOM IN THEIR ENTIRETY. PREP OPENING TO RECEIVE NEW DOOR AND HARDWARE.
10	EXISTING PLUMBING FIXTURE TO BE REMOVED IN ITS ENTIRETY.
11	REMOVE EXISTING WINDOW(S). DEMO WALL FROM SILL TO TOP OF FINISHED FLOOR.
12	EXISTING PLUMBING FIXTURE TO BE REMOVED. PREP FOR INSTALLATION OF NEW FIXTURE. REF TO P-SERIES DWGS.
13	PATCH AND REPAIR EXISTING WALL FINISH AS REQUIRED. PREP WALL TO RECEIVE NEW PAINT.
14	REMOVE EXISTING WINDOW SYSTEM INCLUDING ALL ANCHORS AND ADHESIVES. PATCH AND REPAIR WALL TO MATCH EXISTING ADJACENT.
15	PREP EXISTING DOOR AND FRAME TO RECEIVE NEW PAINT.
16	ADD ALTERNATE 1: REMOVE EXISTING FLOOR FINISH, WALL BASE AND EXISTING LIGHT FIXTURES. PREP EXISTING WALLS TO RECEIVE NEW PAINT.
17	ADD ALTERNATE 1: REMOVE EXISTING FLOOR FINISH, CEILING AND EXISTING LIGHT FIXTURES. EXISTING WOOD TRIM AND WALL BASE TO BE REFINISHED. PREP EXISTING WALLS TO RECEIVE NEW PAINT.
18	REMOVE EXISTING WINDOW SYSTEM INCLUDING ALL ANCHORS AND ADHESIVES. PATCH AND PREP SURFACES TO REMAIN TO RECEIVE NEW FINISHES. SALVAGE EXISTING BRICK FACADE.
19	EXISTING COAL CHAMBER STRUCTURE TO BE DEMOLISHED. EXISTING CHAMBER IS COVERED WITH A CONCRETE PATIO (SEE CIVIL DRAWINGS). EXISTING CHAMBER MATERIAL IS UNKNOWN, BUT IS LIKELY EITHER CONCRETE OR BRICK.
20	PATCH AND REPAIR WATER DAMAGE TO EXISTING WALL.
21	REMOVE EXISTING CONDUIT. PATCH MASONRY.
22	CLEAN EXISTING MASONRY.
23	REMOVE ABANDONED CONDUIT. REPLACE SOFFIT BOARD TO CLOSE UP ATTIC SPACE.
24	REMOVE ABANDONED CONDUIT.
25	REMOVE UNISTRUT.
26	REMOVE DAMAGED PLASTER. CONSULT WITH DESIGNER TO DETERMINE ORIGIN OF EXCESS MOISTURE. ONCE MOISTURE SOURCE IS IDENTIFIED AND ADDRESSED, REPLACE WITH NEW PLASTER.
27	REMOVE EXISTING CARPET FLOOR FINISH. PREP SUBSTRATE TO RECEIVE NEW FLOOR FINISH.



2 SECOND FLOOR DEMO PLAN
1/4" = 1'-0"



1 FIRST FLOOR DEMO PLAN
1/4" = 1'-0"



BID SET
CITY OF SHOALS
SHOALS LIBRARY EXPANSION
404 High St., Shoals, IN 47581

#	Revision	Date
1	ADDENDUM #1	2024.07.30

Project #: 23-700-121-1
Designed By: Designer
Drawn By: Author
Checked By: Checker
Date: 7.03.2024



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DEMO PLANS

AD101

6

5

4

3

2

1

E

D

C

B

A

E

D

C

B

A

GENERAL DEMOLITION NOTES

- CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ARRANGEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING SURFACES, MATERIALS, AND COMPONENTS TO REMAIN OR BE RELOCATED. DAMAGE TO THESE RESULTING FROM PERFORMANCE OF WORK SHALL BE REPAIRED BY CONTRACTOR TO SATISFACTION OF OWNER AND ARCHITECT AT NO ADDITIONAL EXPENSE TO OWNER.
- CONTRACTOR SHALL PROVIDE TEMPORARY DUST PROTECTION AS REQUIRED TO PREVENT CONSTRUCTION DEBRIS AND DUST FROM MIGRATING OUT OF PROJECT AREA. OWNER/ARCHITECT SHALL CONFIRM ALL DUST PREVENTION MEASURES LOCATIONS AND SHALL DETERMINE CHANGES TO THESE MEASURES.
- ALL EXISTING EQUIPMENT AND FIXTURES SHALL REMAIN PROPERTY OF OWNER. ALL REUSABLE ITEMS SALVAGED DURING DEMOLITION OPERATIONS SHALL BE RETAINED FOR OWNER'S INSPECTION. ONLY ITEMS SO INSPECTED AND REJECTED BY OWNER SHALL BE DISPOSED. ALL OTHER SUCH ITEMS SHALL BE TURNED OVER TO OWNER FOR DISPOSITION.
- ALL EXISTING SURFACES LOCATED ADJACENT TO, OR EXPOSED BY DEMOLITION WORK AND SCHEDULED TO RECEIVE NEW CONSTRUCTION SHALL BE PATCHED AND REPAIRED AS REQUIRED TO CLEANLY RECEIVE NEW WORK.
- ALL EXISTING SURFACES LOCATED ADJACENT TO, OR EXPOSED BY DEMOLITION WORK AND SCHEDULED TO REMAIN EXPOSED AFTER COMPLETION OF NEW CONST. SHALL BE REPAIRED AND PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.
- OWNER WILL BE RESPONSIBLE FOR REMOVAL/REARRANGEMENT OF ALL EXISTING LOOSE FURNISHINGS DURING CONSTRUCTION, UNLESS NOTED OTHERWISE.
- REFER TO MECH/ELEC. DRAWINGS FOR ADDITIONAL PATCHING AND PREPARATION WORK RELATED TO M/E/P. DEMOLITION ITEMS.
- EXISTING SLEEVES, HOLES, AND OTHER PENETRATIONS OR NEW DAMAGE OF EXISTING BUILDING STRUCTURE ABOVE GRADE EXPOSED BY DEMOLITION AND REMOVAL OF PIPING, APPURTENANCES, EQUIPMENT SHALL BE PATCHED AND REPAIRED AS PART OF THE WORK. MAINTAIN FIRE RATINGS OF ALL ADJACENT CONSTRUCTION AFFECTED.
- CAP ALL PIPING TO REMAIN OR ABANDONED IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION AND IN ACCORDANCE WITH ALL LOCAL AND STATE PLUMBING AND HEALTH CODES. UTILIZE ONLY PRE-MANUFACTURED AND APPROVED FITTINGS TO CAP EXISTING PIPING.
- EACH CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED OR NOTED FOR INSTALLATION OF NEW WORK. DEMOLITION MAY INCLUDE ASSOCIATED DISTRIBUTION SYSTEMS, APPURTENANCES, EQUIPMENT SUPPORTING CONTROLS, AND MISCELLANEOUS SUPPORTS, UNLESS NOTED OTHERWISE.
- COORDINATE ALL DEMOLITION WITH PROJECT SEQUENCING AS DIRECTED BY GENERAL CONTRACTOR OR CONSTRUCTION MANAGER.
- PATCH AND REPAIR ALL WALL DAMAGE RELATED TO ABANDONED MECH/PLUMB EQUIPMENT.

5.4.092 - DEMO FLOOR PLAN NOTES

Key	Note
1	REMOVE WALL COMPLETE AS INDICATED INCLUDING DOOR, FRAME & HARDWARE. PATCH AND REPAIR FLOOR AS REQUIRED.
2	REMOVE CONCRETE STAIR IN ITS ENTIRETY.
3	EXISTING RAISED CONCRETE SLAB TO REMAIN.
4	EXISTING WOOD STAIRCASE AND LANDING TO BE REMOVED IN ITS ENTIRETY.
5	EXISTING BIFOLD DOOR PANELS TO BE REMOVED. EXISTING FRAME TO REMAIN.
6	EXISTING STEEL COLUMN TO REMAIN.
7	EXISTING CONCRETE RETAINING WALL TO BE REMOVED IN ITS ENTIRETY. REF TO CIVIL SERIES DWGS.
8	EXISTING CHIMNEY CHUTE TO BE INFILLED. MATCH TO EXISTING ADJACENT WALL CONSTRUCTION.
9	REMOVE DOOR, FRAME, HARDWARE AND TRANSOM IN THEIR ENTIRETY. PREP OPENING TO RECEIVE NEW DOOR AND HARDWARE.
10	EXISTING PLUMBING FIXTURE TO BE REMOVED IN ITS ENTIRETY.
11	REMOVE EXISTING WINDOW(S). DEMO WALL FROM SILL TO TOP OF FINISHED FLOOR.
12	EXISTING PLUMBING FIXTURE TO BE REMOVED. PREP FOR INSTALLATION OF NEW FIXTURE. REF TO P-SERIES DWGS.
13	PATCH AND REPAIR EXISTING WALL FINISH AS REQUIRED. PREP WALL TO RECEIVE NEW PAINT.
14	REMOVE EXISTING WINDOW SYSTEM, INCLUDING ALL ANCHORS AND ADHESIVES. PATCH AND REPAIR WALL TO MATCH EXISTING ADJACENT.
15	PREP EXISTING DOOR AND FRAME TO RECEIVE NEW PAINT.
16	ADD ALTERNATE 1: REMOVE EXISTING FLOOR FINISH, WALL BASE AND EXISTING LIGHT FIXTURES. PREP EXISTING WALLS TO RECEIVE NEW PAINT.
17	ADD ALTERNATE 1: REMOVE EXISTING FLOOR FINISH, CEILING AND EXISTING LIGHT FIXTURES. EXISTING WOOD TRIM AND WALL BASE TO BE REFINISHED. PREP EXISTING WALLS TO RECEIVE NEW PAINT.
18	REMOVE EXISTING WINDOW SYSTEM, INCLUDING ALL ANCHORS AND ADHESIVES. PATCH AND PREP SURFACES TO REMAIN TO RECEIVE NEW FINISHES. SALVAGE EXISTING BRICK FACADE.
19	EXISTING COAL CHAMBER STRUCTURE TO BE DEMOLISHED. EXISTING CHAMBER IS COVERED WITH A CONCRETE PATO (SEE CIVIL DRAWINGS). EXISTING CHAMBER MATERIAL IS UNKNOWN, BUT IS LIKELY EITHER CONCRETE OR BRICK.
20	PATCH AND REPAIR WATER DAMAGE TO EXISTING WALL.
21	REMOVE EXISTING CONDUIT. PATCH MASONRY.
22	CLEAN EXISTING MASONRY.
23	REMOVE ABANDONED CONDUIT. REPLACE SOFFIT BOARD TO CLOSE UP ATTIC SPACE.
24	REMOVE ABANDONED CONDUIT.
25	REMOVE UNSTRUT.
26	REMOVE DAMAGED PLASTER. CONSULT WITH DESIGNER TO DETERMINE ORIGIN OF EXCESS MOISTURE. ONCE MOISTURE SOURCE IS IDENTIFIED AND ADDRESSED, REPLACE WITH NEW PLASTER.
27	REMOVE EXISTING CARPET FLOOR FINISH. PREP SUBSTRATE TO RECEIVE NEW FLOOR FINISH.



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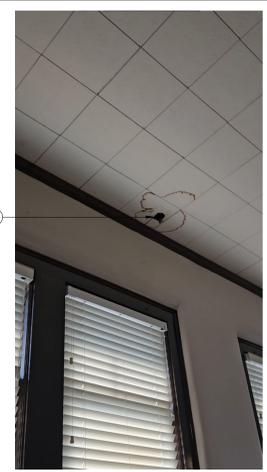


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DEMOLITION PHOTOS AND NOTES



6 INTERIOR DEMO PHOTO 06
12" = 1'-0"



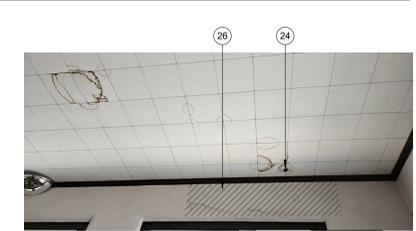
5 INTERIOR DEMO PHOTO 05
12" = 1'-0"



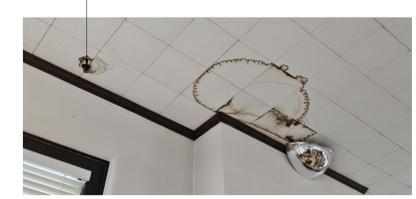
4 INTERIOR DEMO PHOTO 04
12" = 1'-0"



3 INTERIOR DEMO PHOTO 03
12" = 1'-0"



2 INTERIOR DEMO PHOTO 02
12" = 1'-0"



1 INTERIOR DEMO PHOTO 01
12" = 1'-0"

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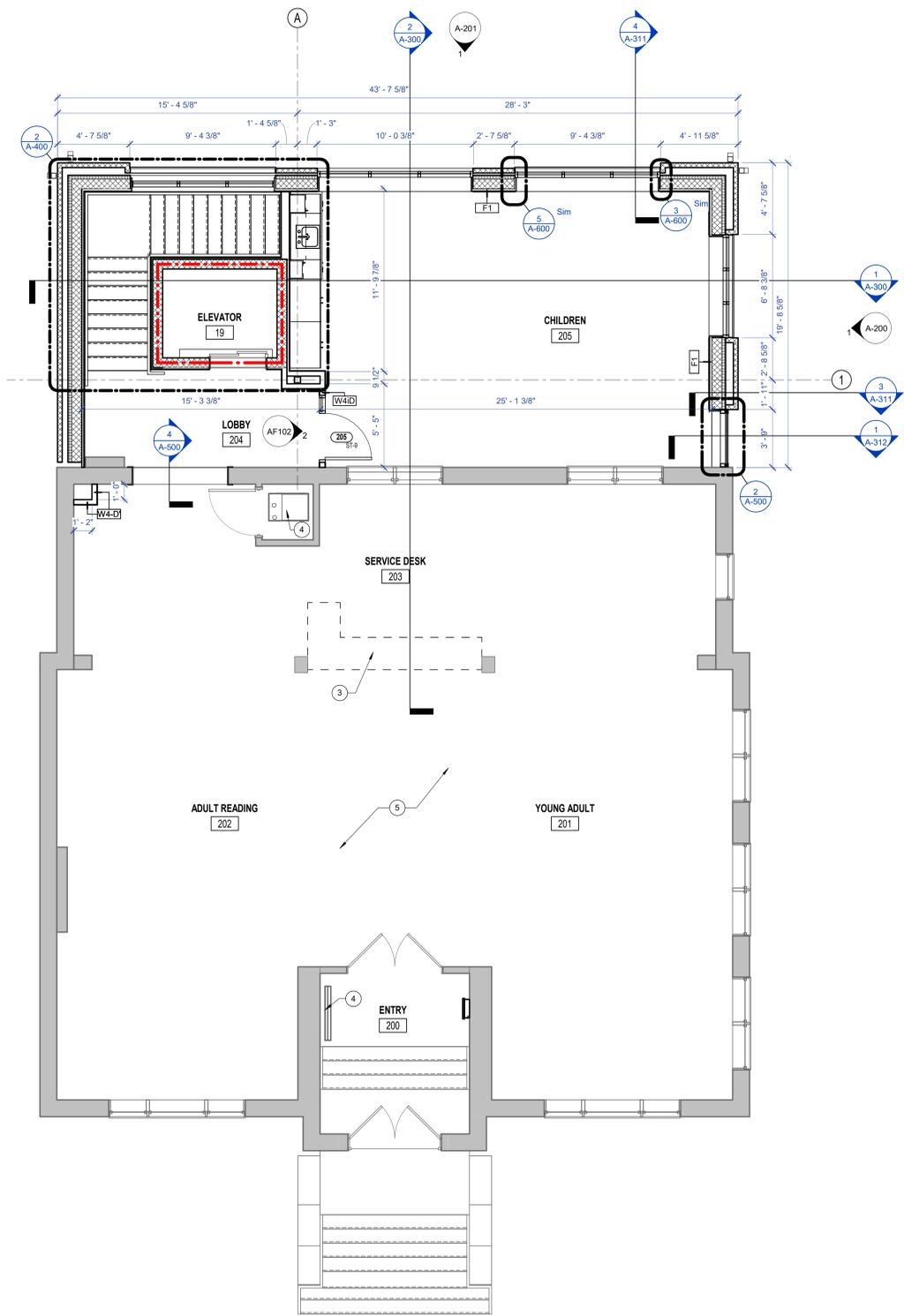
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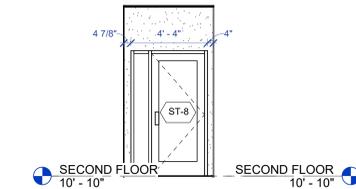
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5.4.110 - FLOOR PLAN NOTES	
Key	Note
1	HATCHED AREA TO INDICATE NEW RAISED CONCRETE SLAB. REF TO S-SERIES DWGS.
2	CONCRETE RETAINING WALL WITH RAILING. REFER TO CIVIL DWGS.
3	OWNER PROVIDED EQUIPMENT. DESK
4	MEP EQUIPMENT. REF TO MEP DWGS.
5	ALTERNATE BY: REFINISH ALL WOOD BASE TRIM. REPAIR ANY DAMAGE.

- ### GENERAL PLAN NOTES
- PLAN NOTES INDICATE ONE GRAPHIC REPRESENTATION TYPICAL. THE CONTRACTOR SHALL USE THE GRAPHIC REPRESENTATIONS FOR THE COUNT. NOT THE KEYED PLAN NOTES. THE ABSENCE OF A KEYED PLAN NOTE ON THE PLAN DOES NOT ABSOLVE THE CONTRACTOR FROM PROVIDING THE FEATURE GRAPHICALLY REPRESENTED ON THE DRAWING.
 - ALL DIMENSIONS SHOWN ARE TO FACE OF STUD OR MASONRY, UNLESS NOTED OTHERWISE. DIMENSIONS DESIGNATED AS "CLR OR "CLEAR" INDICATE A CLEAR DIMENSION FROM FACE OF FINISH TO FACE OF FINISH. DIMENSIONS OF EXTERIOR WALLS ARE TO OUTSIDE EDGE OF FOUNDATION.
 - DIMENSIONS FOR ALL OPENINGS FOR MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL SHALL BE FIRE STOPPED AT EACH FLOOR AND RATED WALL PENETRATION.
 - PROVIDE BRACING AND BLOCKING AS REQUIRED IN WALLS SUPPORTING CASEWORK, TACKBOARDS, MARKERBOARDS, AND RESTROOM ACCESSORIES.
 - ALL DOOR FRAMES ARE LOCATED 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
 - ALL EXPOSED OUTSIDE CORNERS OF CMU SHALL BE BULLNOSED.
 - SEAL ALL JOINTS BETWEEN DISSIMILAR MATERIALS.
 - ALL GYPSUM WALLBOARD IS 5/8" TYPE "X", UNLESS NOTED OTHERWISE.
 - ALL EXTERIOR WALLS ARE TYPE "ES98", UNLESS NOTED OTHERWISE.
 - ALL INTERIOR WALLS ARE TYPE "S60" (6" METAL STUD TO DECK, WITH SOUND ATTENUATION BATT INSULATION WITH TYPE "X" GYPSUM WALLBOARD ON BOTH SIDES), UNLESS NOTED OTHERWISE.
 - BASE ELEVATION IS 9'-0" ± XXX.XX (UNITED STATES GEOLOGICAL SURVEY DATA). COORDINATE WITH CIVIL DRAWINGS.
 - HATCHING WITHIN WALLS SHOWN IN PLANS AND SECTIONS INDICATES NEW CONSTRUCTION.
 - ALL WALLS THAT HAVE THE DESIGNATION "C", AND ARE IN A SPACE WITH NO CEILING WILL BE 10FT TALL.
 - DRAWINGS ESTABLISH THE DESIGN INTENT OF WORK TO BE PERFORMED. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HIGHEST INDUSTRY STANDARDS. ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL TRADES SHALL CAREFULLY COORDINATE WORK OF ALL OTHER TRADES. ANY DISCREPANCIES OR CONFLICTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND THE OWNER PRIOR TO FABRICATION OR INSTALLATION.
 - CONTRACTORS SHALL BE RESPONSIBLE FOR CHECKING THE CONTRACT DOCUMENTS FOR COORDINATION BETWEEN ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, SECURITY AND LANDSCAPING. CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND FOR VERIFYING THEM WITH THE CONTRACT DOCUMENTS. ANY DISCREPANCY IN THE CONTRACT DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO ANY FABRICATION OR CONSTRUCTION.
 - ALL CORRIDOR SURFACES SHALL BE FLUSH. AT JUNCTIONS OF MASONRY AND STUD WALLS, MASONRY WALL LOCATIONS SHALL HOLD TRUE AND METAL STUDS SHALL BE MOVED AS REQUIRED TO PROVIDE FLUSH CONNECTION BETWEEN GYP. BD. AND MASONRY. VERIFY NO. OF LAYERS OF GYP. BD. W/ WALL TYPES. RELOCATION OF WALL SHALL BE APPROVED BY ARCHITECT PRIOR TO CONST. AT TRANSITIONS FROM 1 LAYER GYP. BD. TO 2 LAYERS OF GYP. ON MET. STUDS A MIN. CORRIDOR WIDTH OF 5'-0" FROM FACE OF STUDS SHALL BE MAINTAINED.
 - ALL BUILDING MATERIALS (INCLUDING BUT NOT LIMITED TO METAL FLASHING, VAPOR BARRIERS, AIR/WATER RESISTANT BARRIERS, THRU-WALL FLASHING, ETC.) SHALL BE LAPPED TO SHED WATER TO THE OUTSIDE OF THE BUILDING ENVELOPE.
 - SEE CODE COMPLIANCE PLAN G-101 FOR FIRE RATED WALLS.
 - SEE WALL TYPE LEGEND A-002 FOR WALLS AND CONSTRUCTION REQUIREMENTS.
 - WHEREVER POSSIBLE KEEP MINIMUM SIZE OF CUT MASONRY TO 4" OR GREATER.
 - ALL DIAGONAL WALLS SHALL BE AT 45° (U.N.O.)
 - SEE STRUCTURAL FOR CONTROL/EXPANSION JOINT LOCATIONS.
 - SLOPE CONCRETE SLABS TO FLOOR DRAINS AT 1/8" MIN. PER FT.
 - ALL CHASE WALLS SHALL BE FULL HEIGHT UNLESS NOTED OTHERWISE.
 - ALL INTERIOR AND EXTERIOR EXPOSED STEEL TO BE PAINTED. COLOR TO BE SELECTED BY ARCHITECT.
 - PROVIDE (2) TWO 4x8 GRAPHIC SITE CONSTRUCTION SIGNS. ARCHITECT TO PROVIDE GRAPHIC CONTRACTOR TO INSTALL.
 - ALL EXTERIOR WINDOWS ARE TYPE "XX", UNLESS NOTED OTHERWISE.
 - SUFFIXES WITHIN SPECIFICATION REFERENCES (i.e. 10 11 33.XX or 10 11 33.A1) IN THE DRAWINGS CAN BE IGNORED. THESE SUFFIXES ARE A SORTING MECHANISM USED IN PREPARING THESE DRAWINGS.
 - ALL ROUGH OPENINGS (R.O.) SHALL BE VERIFIED WITH SELECTED WINDOW AND DOOR MANUFACTURER. ANY CHANGES FROM THE BASIS OF DESIGN WILL BE COORDINATED WITH ALL TRADES AND ROUGH OPENINGS ADJUSTED AS REQUIRED. ANY DISCREPANCIES FOUND WILL BE BROUGHT TO THE ARCHITECT PRIOR TO CONSTRUCTION. ANY CHANGES AND REVISIONS WILL BE DONE AT CONTRACTORS EXPENSE.
 - ALL CONSTRUCTION AROUND PLUMBING FIXTURES IS REQUIRED TO BE COORDINATED WITH SELECTED MANUFACTURERS. ADJUST WALLS AS REQUIRED TO ACCOMMODATE THE INSTALLATION OF THE SELECTED MANUFACTURERS PLUMBING FIXTURES. ANY CHANGES AND REVISIONS WILL BE DONE AT CONTRACTORS EXPENSE.
 - BUILDING ENVELOPE CONTINUITY WILL BE MONITORED BY A COMMISSIONING AGENT. TRANSITIONS BETWEEN BUILDING SYSTEMS (I.E. ROOF TO WALL, CURTAINWALL TO EXTERIOR WALL, ETC) SHALL INCLUDE CONTINUOUS AIR/TIGHT AIR BARRIER SYSTEM. ALL PENETRATIONS IN THE BUILDING ENVELOPE (INCLUDING WINDOWS, DOORS, STOREFRONT, ETC.) SHALL BE SEALED WITH AIR TIGHT WEATHER SEALS. AT ANY LOCATION WHERE MASONRY TIES OR OTHER MATERIALS PENETRATE THE AIR BARRIER, EACH PENETRATION SHALL BE SEALED AIR/TIGHT.



1 SECOND FLOOR PLAN
1/4" = 1'-0"



2 INTERIOR ELEVATION
1/4" = 1'-0"



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#	Revision	Date
1	ADDENDUM #1	2024.07.30

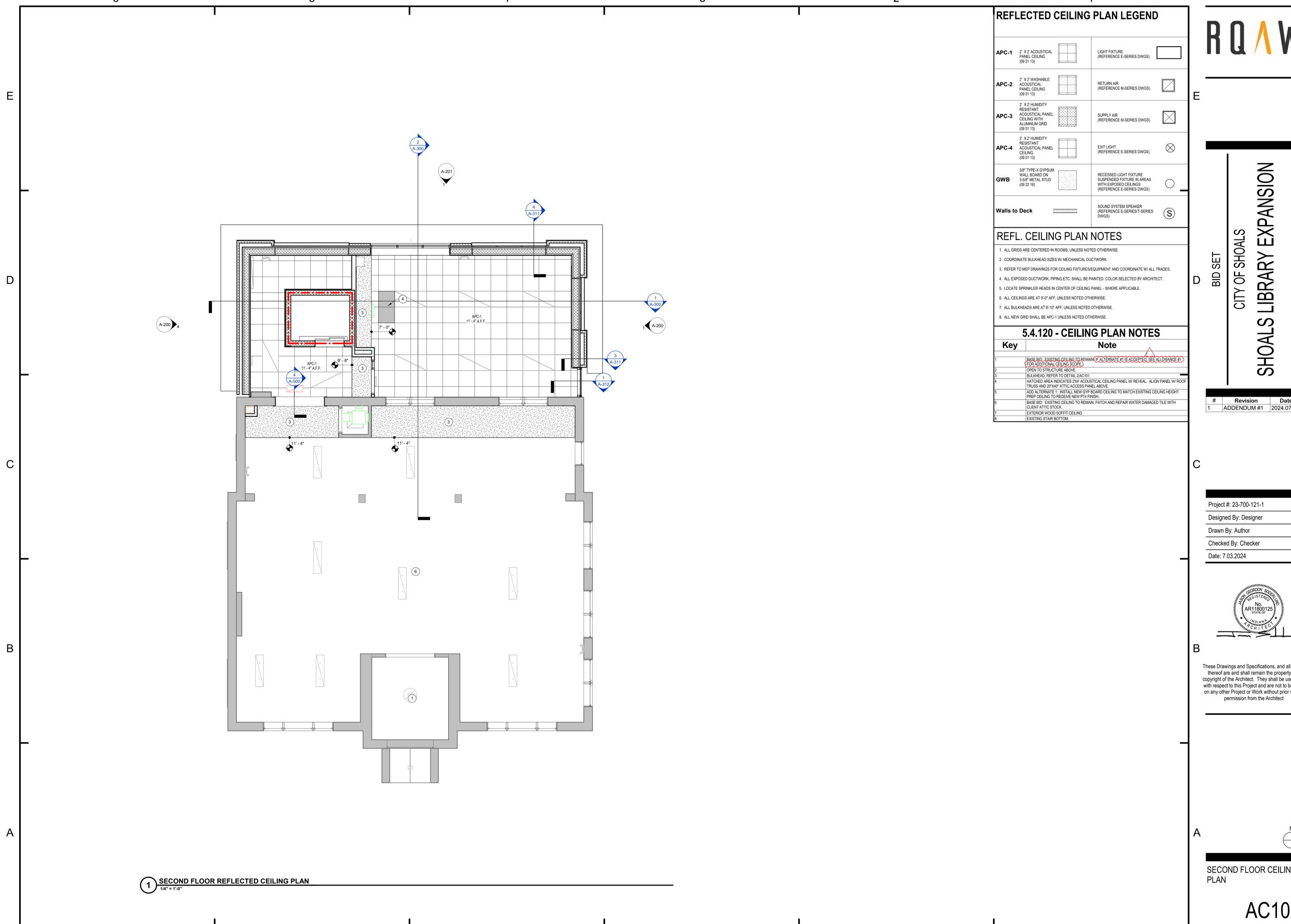
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SECOND FLOOR PLAN

AF102



REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' ACOUSTICAL PANEL CEILING (09 51 13)	LIGHT FIXTURE (REFERENCE E-SERIES DWGS)
APC-2	2' X 2' WASHABLE ACOUSTICAL PANEL CEILING (09 51 13)	RETURN AIR (REFERENCE M-SERIES DWGS)
APC-3	2' X 2' HUMIDITY RESISTANT ACOUSTICAL PANEL CEILING WITH ALUMINUM GRID (09 51 13)	SUPPLY AIR (REFERENCE M-SERIES DWGS)
APC-4	2' X 2' HUMIDITY RESISTANT ACOUSTICAL PANEL CEILING (09 51 13)	EXIT LIGHT (REFERENCE E-SERIES DWGS)
GWB	5/8" TYPE-X GYPSUM WALL BOARD ON 3-0" METAL STUD (09 22 16)	RECESSED LIGHT FIXTURE SUSPENDED FIXTURE IN AREAS WITH EXPOSED CEILINGS (REFERENCE E-SERIES DWGS)
Walls to Deck		SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)

REFL. CEILING PLAN NOTES

1. ALL GRIDS ARE CENTERED IN ROOMS, UNLESS NOTED OTHERWISE.
2. COORDINATE BULKHEAD SIZES W/ MECHANICAL DUCTWORK.
3. REFER TO MEP DRAWINGS FOR CEILING FIXTURES/EQUIPMENT AND COORDINATE W/ ALL TRADES.
4. ALL EXPOSED DUCTWORK, PIPING ETC. SHALL BE PAINTED. COLOR SELECTED BY ARCHITECT.
5. LOCATE SPRINKLER HEADS IN CENTER OF CEILING PANEL - WHERE APPLICABLE.
6. ALL CEILINGS ARE AT 9'-0" AFF, UNLESS NOTED OTHERWISE.
7. ALL BULKHEADS ARE AT 8'-10" AFF, UNLESS NOTED OTHERWISE.
8. ALL NEW GRID SHALL BE APC-1 UNLESS NOTED OTHERWISE.

5.4.120 - CEILING PLAN NOTES

Key	Note
1	BASE BID: EXISTING CEILING TO REMAIN (IF ALTERNATE #1 IS ACCEPTED, SEE ALLOWANCE #1 FOR ADDITIONAL CEILING SCOPE)
2	OPEN TO STRUCTURE ABOVE.
3	BULKHEAD, REFER TO DETAIL 2/AC101
4	HATCHED AREA INDICATES 2X4 ACOUSTICAL CEILING PANEL W/ REVEAL. ALIGN PANEL W/ ROOF TRUSS AND 20" MAX ATTIC ACCESS PANEL ABOVE.
5	ADD ALTERNATE 1: INSTALL NEW GYP BOARD CEILING TO MATCH EXISTING CEILING HEIGHT. PREP CEILING TO RECEIVE NEW PT4 FINISH.
6	BASE BID: EXISTING CEILING TO REMAIN. PATCH AND REPAIR WATER DAMAGED TILE WITH CLIENT ATTIC STOCK.
7	EXTERIOR WOOD SOFFIT CEILING
8	EXISTING STAIR BOTTOM



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SECOND FLOOR CEILING PLAN

AC102

1 SECOND FLOOR REFLECTED CEILING PLAN
 1/4" = 1'-0"

#	Revision	Date
1	Addendum #1	7-30-24

Project #: 23-700-121-1

Designed By: JAR

Drawn By: JAR

Checked By: DB

Date: 2.02.2024



Justin Barth

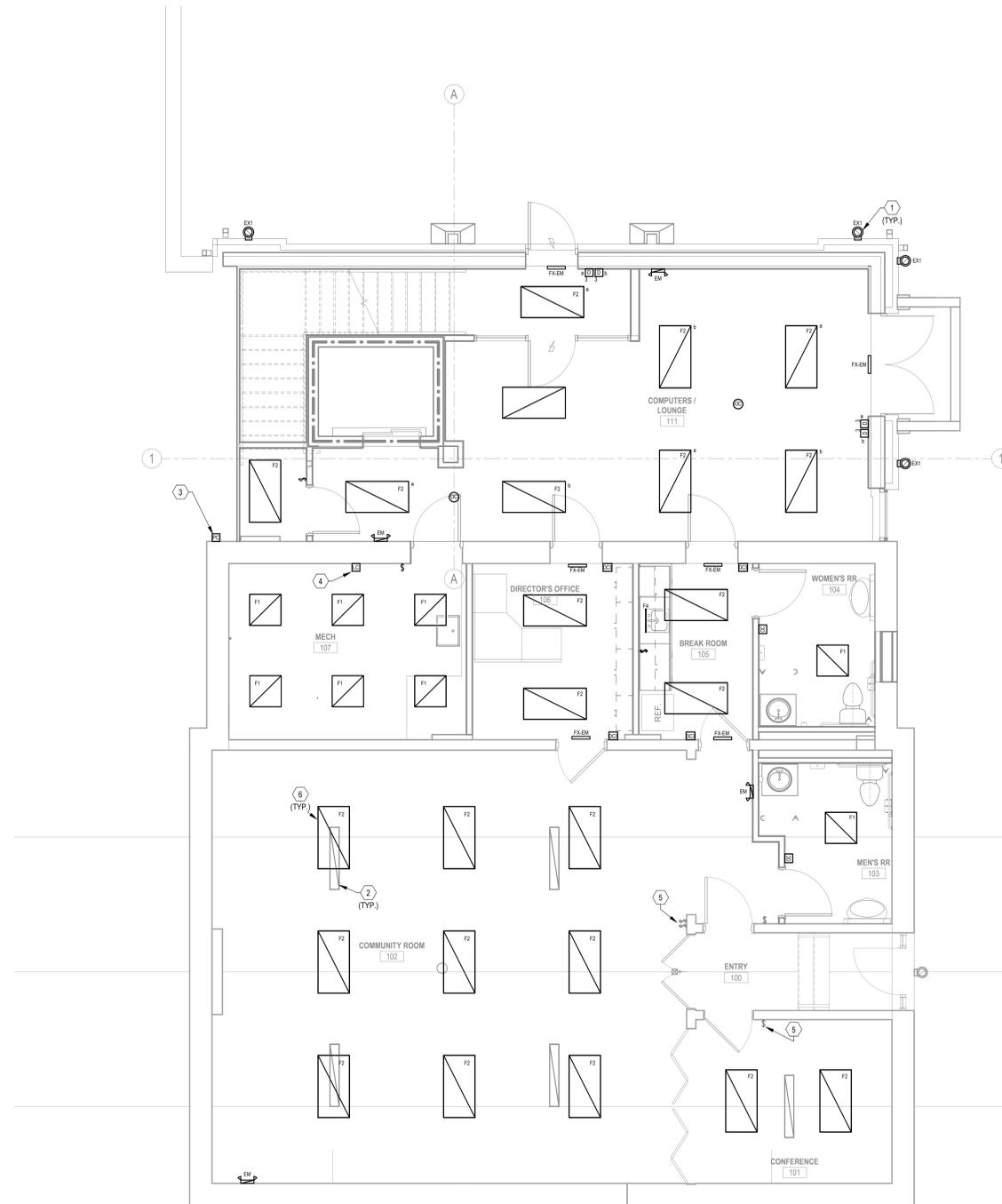
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GENERAL NOTES - LIGHTING:

- A. REFER TO SHEET E-001 FOR ELECTRICAL SYMBOLS AND ADDITIONAL GENERAL NOTES.
- B. REFER TO SPECIFICATION SECTION 2605-19 FOR MINIMUM CONDUCTOR SIZE REQUIRED BASED ON TOTAL CIRCUIT DISTANCE.
- C. CONNECT ALL EXIT AND EGRESS LIGHTING WITH A MINIMUM OF #10AWG UNLESS NOTED OTHERWISE.
- D. PROVIDE ALL OCCUPANCY/VACANCY SENSOR, POWER PACKS, AND ADDITIONAL RELAYS, ETC. AS REQUIRED FOR FULL COVERAGE OF ROOMS/AREAS INDICATED TO HAVE SUCH CONTROL.
- E. WALL MOUNTED EXIT LIGHTS SHALL BE MOUNTED AT LEAST 1'-0" ABOVE EXIT OPENING UNLESS NOTED OTHERWISE. CONTRACTOR TO VERIFY HEIGHT OF EXIT OPENING PRIOR TO ROUGH-IN.
- F. ALL OCCUPANCY SENSOR SHALL BE DUAL TECHNOLOGY (PASSIVE INFRARED AND ULTRASONIC) UNLESS NOTED OTHERWISE.
- G. SCHEDULE A MEETING WITH THE OWNER PRIOR TO PROGRAMMING OF LIGHTING CONTROL DEVICES TO DETERMINE DESIRED CONTROL, TIME DELAY SETTINGS, OCCUPANCY, ETC.
- H. ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH A FLEXIBLE METAL CONDUIT WITH MAXIMUM LENGTH OF 6 FEET.
- I. LIGHT FIXTURES THAT ARE INSTALLED WITHIN A FIRE-RATED CEILING SHALL BE PROVIDED WITH FIRE RATED COVERS IN ORDER TO MAINTAIN THE CEILING FIRE RATINGS. FIRE RATED COVERS SHALL BE COVERS SUCH AS TENMAT FIRE PROTECTION SOLUTIONS OR SIMILAR. REFER TO ARCHITECTURAL DRAWINGS FOR ALL FIRE RATED CEILING LOCATIONS AND PROVIDE COVERS ACCORDINGLY.

PLAN NOTES

#	NOTE
1	ALL EXTERIOR LIGHTING TO BE APPROVED BY OWNER PRIOR TO PURCHASE.
2	ALTERNATE BID: ALL EXISTING LIGHTING IN EXISTING AREA TO BE REMOVED. REPLACE WITH NEW LED LIGHTING.
3	PHOTOCELL FOR EXTERIOR LIGHTING. MAKE CONNECTION WITH EXTERIOR LIGHTING RELAY CONTROL PANEL.
4	REPLACE EXISTING TOGGLE SWITCHES WITH OCCUPANCY SENSOR WITH DIMMER TYPE.
5	ALTERNATE BID: NEW SURFACE MOUNTED LIGHTING IN EXISTING AREA.
6	EXISTING LIGHT SWITCHES SHALL BE REPLACED WITH OCCUPANCY DIMMER TYPE SWITCHES. SEPARATE MAIN AREA LIGHTING INTO 2 BANKS.



1 FIRST FLOOR LIGHTING PLAN
E210 1/4" = 1'-0"

FIRST FLOOR LIGHTING PLAN

E210