### ADDENDUM NO. 1

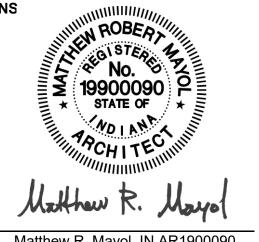
LEBANON PUBLIC LIBRARY BUILDING RENOVATIONS **& SITE IMPROVEMENTS 2024** 

104 E. Washington Street Lebanon, Indiana, 46052

**OMS PROJECT NO. 23031** 

DATE OF ADDENDUM

ODLE McGUIRE SHOOK 7222 N. SHADELAND AVE., SUITE 100 INDIANAPOLIS, INDIANA 46250



Matthew R. Mayol, IN AR1900090

**BIDDERS OF RECORD** TO:

This Addendum changes and modifies the Bidding Documents dated February 29, 2024 and will become a part of the Contract Documents.

Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of: Pages ADD.1-1 and ADD.-?.

#### **GENERAL**

- 1. A Pre-Bid meeting for this Project was held on March 14, 2024. Copies of the Pre-Bid Agenda and Sign-In-Sheet are attached to this Addendum for reference only.
- 2. Bidders questions are as follows:
  - a. Will the Owner relocate all books, shelving and furniture? A: Yes. The Contractor is not responsible for moving these items.
  - b. Q: Can Bidders tour the building with a scheduled appointment? A: Yes, for access to the building call Beau Cunnyngham at (765) 482-3460. Beau will arrange for Library access between 9:00am and 5:00pm EST, Monday through Friday. You must make an appointment and please do not just show up and ask permission to tour the building! NOTE: Direct all questions to the Architect. The Owner will not answer any questions.
  - c. Q: Who is the current fire alarm system vendor and what system is it? A: Brenneco and Simplex. There is no particular contact for Brenneco.
  - d. Q: Can the Contractor have an on-site field office inside the building and, can the Contractor use the Receiving Area Loading Dock during construction? A: Yes, the Contactor can have the use of Receiving Area X220 and also can have the use of one (1) of the following interior Office Areas throughout the project: Either High

School X232 in the Heritage Room First Floor (@ 10' x 10') or Library Program Storage X306 on the Second Floor (@10'x10').

e. Q: Can the Contractor use the Public Restrooms in the Library?A: Yes, the Contractor and workers can use the Public Restrooms in the Library.

#### **CHANGES TO SPECIFICATIONS:**

- 1. Section 000410 TABLE OF CONTENTS
  - A. Add 093000 TILING
- 2. Add Section 093000 TILING

#### **CHANGES TO DRAWINGS:**

- 1. Drawing G003- Contractor Staging and Construction Phasing Plan
  - A. Modify the area of Contractor Storage & Parking per revised attached Drawing G003. Add note for contractor storage and office space available inside the Library Building as a trade off for more staff parking in the north west lot.

END OF ADDENDUM NO. 1



#### PRE-BID CONFERENCE AGENDA

Master Planning • Architecture • Engineering • Landscape Architecture • Interior Design • Technology Design 7222 N. Shadeland Ave., Suite 100, Indianapolis, Indiana 46250, 317.842.0000 www.omscorp.net

DATE: March 14, 2024

PROJECT: Lebanon Public Library Building Renovations & Site Improvements 2024

OMS Project No. 23031

1. **Introductions:** OMS requests everyone present please sign-in on the sheet provided.

Matt Mayol - OMS Architect/Project Manager

#### 2. **General Overview of Project Scope:**

The work consists of architectural, civil, landscape, irrigation, mechanical, plumbing, and electrical work as indicated on the Bidding Documents for Building Renovations and Site Improvements 2024.

#### Work includes:

- paving, sidewalk and storm drainage improvements including new plantings, landscaping, irrigation, new monument sign and flag pole
- main entry vestibule replacement with all glass automatic entrance door and curtainwall
- public and staff restroom renovations throughout (first floor, second floor and lower level)
- second floor interior build-out of meeting room and quiet study spaces
- selective window replacements
- partial roof replacement
- miscellaneous other renovations throughout

#### 3. Type of Bid:

- a. Stipulated Sum
- Bids will be received until 2:00pm, local time, Thursday, March 28, 2024. Bids received after b. that time will be returned unopened. Bids will be publicly opened and read aloud.

#### Time of Commencement and Completion: 4.

Construction Schedule: The Construction shall begin on issuance of the Notice to Proceed and shall be Substantially Complete as follows:

The Work at the building and site shall be conducted simultaneously and sequenced as indicated below:

1. Notice to proceed: On or about April 3, 2024 On or about April 4, 2024 2. On site construction begins: 3. Substantial completion: December 13, 2024

- 4. Site Work: Two (2) Phases Reference Drawing G003 Site Construction Staging & Phasing Plan) Site paving, drainage, sidewalks, landscape, irrigation, and all site related work:
  - Phase 1: West portion of the sitework Main entry is intended to stay open during this phase with new vestibule work included in Phase 2.
    - i. Begin Construction April 15, 2024
  - b. Substantial Completion by August 15, 2024
  - c. Contractor's option to complete new site sign as per the Phase 2 constructiond. All punch list items shall be completed by August 30, 2024 schedule

  - e. Phase 2: East portion of the sitework Replacement of main entry vestibule is intended during this phase utilizing a safe and secure temporary entry vestibule with a Contractor's option to request to have the Library close for business for two (2) consecutive weeks upon written request. NOTE: Main entry may not be closed or Library cannot be closed during summer reading from June 1, 2024 to July 30, 2024.
    - i. Begin Construction August 16, 2024

- ii. Substantial Completion by November 15, 2024
- iii. All punch list items shall be completed by November 30, 2024
- 5. Building Addition and Renovations: Phasing is up to the Contractor. Work begins at Notice to Proceed with Substantial Completion no later than December 13, 2024. The Library availability is limited as follows:
  - a. Lower Level: No Construction this area for summer reading program starting June 1, 2024 ending July 30, 2024.
  - b. Library will be closed upon request for two (2) weeks.

#### 5. Examination and Procurement of Documents:

- a. Documents are available for review at www.easternengineering.com via the Planroom.
- **6. Bid Security:** Five percent (5%) Bid Security shall accompany each Bid.
- **7. Performance and Payment Bond:** In the amount 100% of Contract Sum will be required from the successful Bidder.

#### 8. Condition of Award:

- a. The Owner reserves the right to accept or reject any Bid and to Waive irregularities in Bidding.
- b. The Project will be financed using General Obligation Bonds. Contracts will be awarded contingent upon completion of financing by the Owner.
- c. The Owner shall be granted 30 days to award a Contract.
- **9. Contractor/Subcontractor Employees:** Contractor shall review Supplementary Conditions Section 007300 Article 13 for conditions regarding employment of workers. This refers to Equal Opportunity, Sexual Predator and Criminal History Backgrounds.

#### 10. Instructions to Bidders:

- a. AIA 701 Instructions to Bidders and Supplemental Instructions to Bidders are included in the Division One Specifications and should be reviewed by all Bidders.
- b. Contractor's Bid for Public Works is to be completed in full for all Bids and is included in the Division One Specifications.
- c. The Agreement shall be AIA Document A101.
- d. AIA Document A201, "General Conditions of the Contract for Construction" shall be used and is included in the Division One Specifications.
- e. The Supplementary Conditions included in the Division 1 Specifications modify the General Conditions of the Contract for Construction and should be carefully reviewed by all Bidders.

#### 11. Alternates:

a. There are no project Alternates.

#### 12. Addenda:

- a. Questions concerning the Bidding Documents must be forwarded to mmayol@omscorp.net Project Architect.
- a. Addenda will be issued as required with the last addenda being issued no later than five (5) days before bids are due.

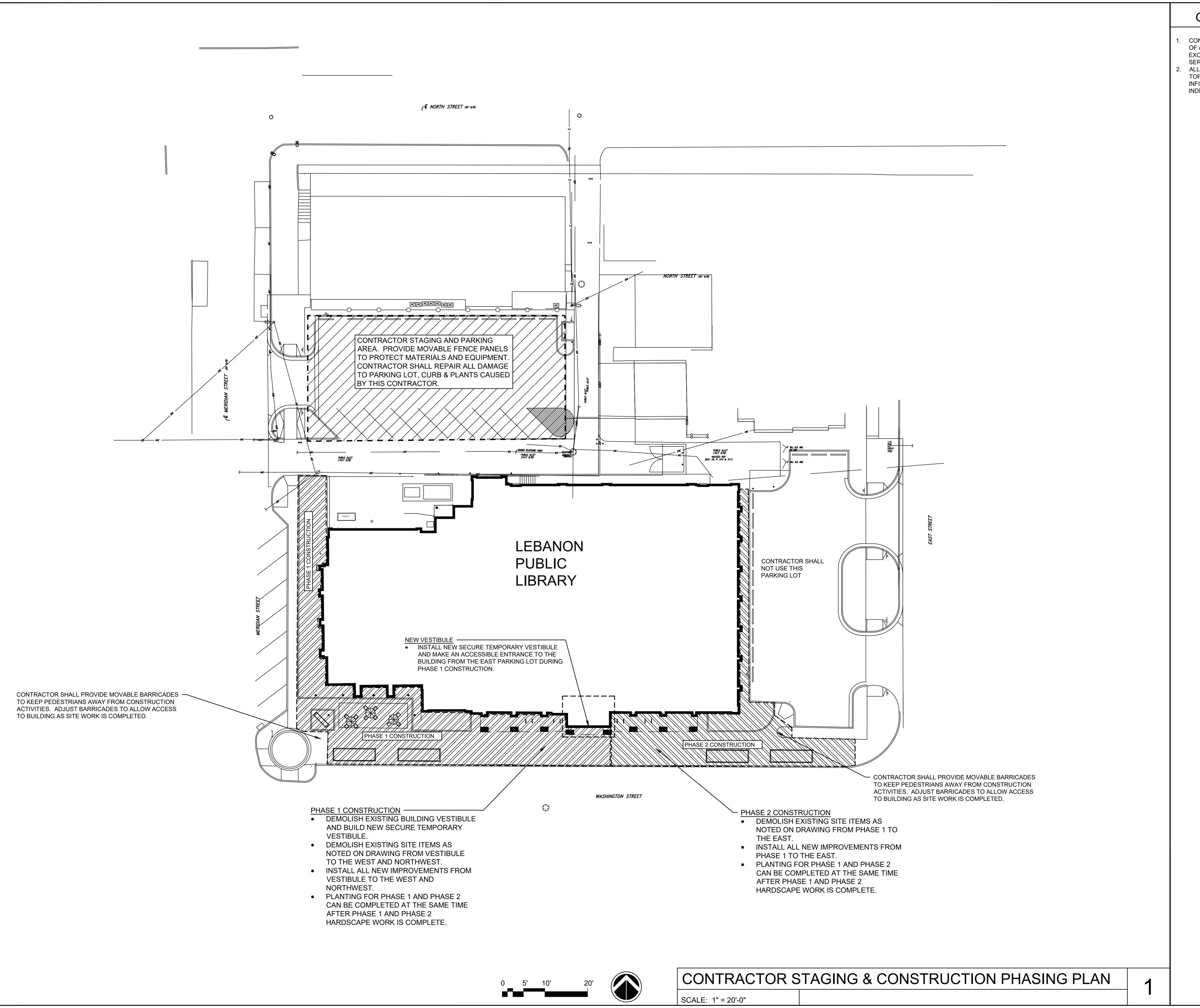
#### 13. Architect's Comments:

- a. The Contract Documents are complementary, and what is required by one shall be binding as required by all.
- b. Bidders shall be required to provide what is called for in the Contract Documents. If the Contract Documents call for #53 Widgets, Bid #53 Widgets. Do not under any circumstances bid #52 Widgets and expect approval for use in the Project at a later date.

- c. Product Substitutions will be considered in accordance with the Contract Documents (Reference Section 01630 for requirements).
- c. Each Contractor is responsible for reviewing the complete set of Drawings and Specifications to assure the Work required to be installed to complete his phase of the Work is included in his proposal.

#### 14. Questions:

- a. Questions concerning the Bidding Documents must be forwarded to the Project Architect and will be answered in writing by Addendum.
- b. Verbal questions and verbal answers will not be considered valid.
- **15. Tour:** A tour of the existing building/site will be conducted for interested Bidders to review existing conditions immediately following this Meeting. ALL BIDDERS ARE ENCOURAGED TO PARTICIPATE.



# **GENERAL NOTES:**

- CONTRACTOR SHALL VERIFY THE LOCATION
   OF ALL BURIED UTILITIES PRIOR TO
   EXCAVATION BY CALLING UTILITY LOCATING
   SERVICES.
- 2. ALL SURVEY, PROPERTY BOUNDARY,
  TOPOGRAPHIC AND EXISTING UTILITY
  INFORMATION PROVIDED BY VITREON GROUP,
  INDIANAPOLIS, INDIANA.



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Description

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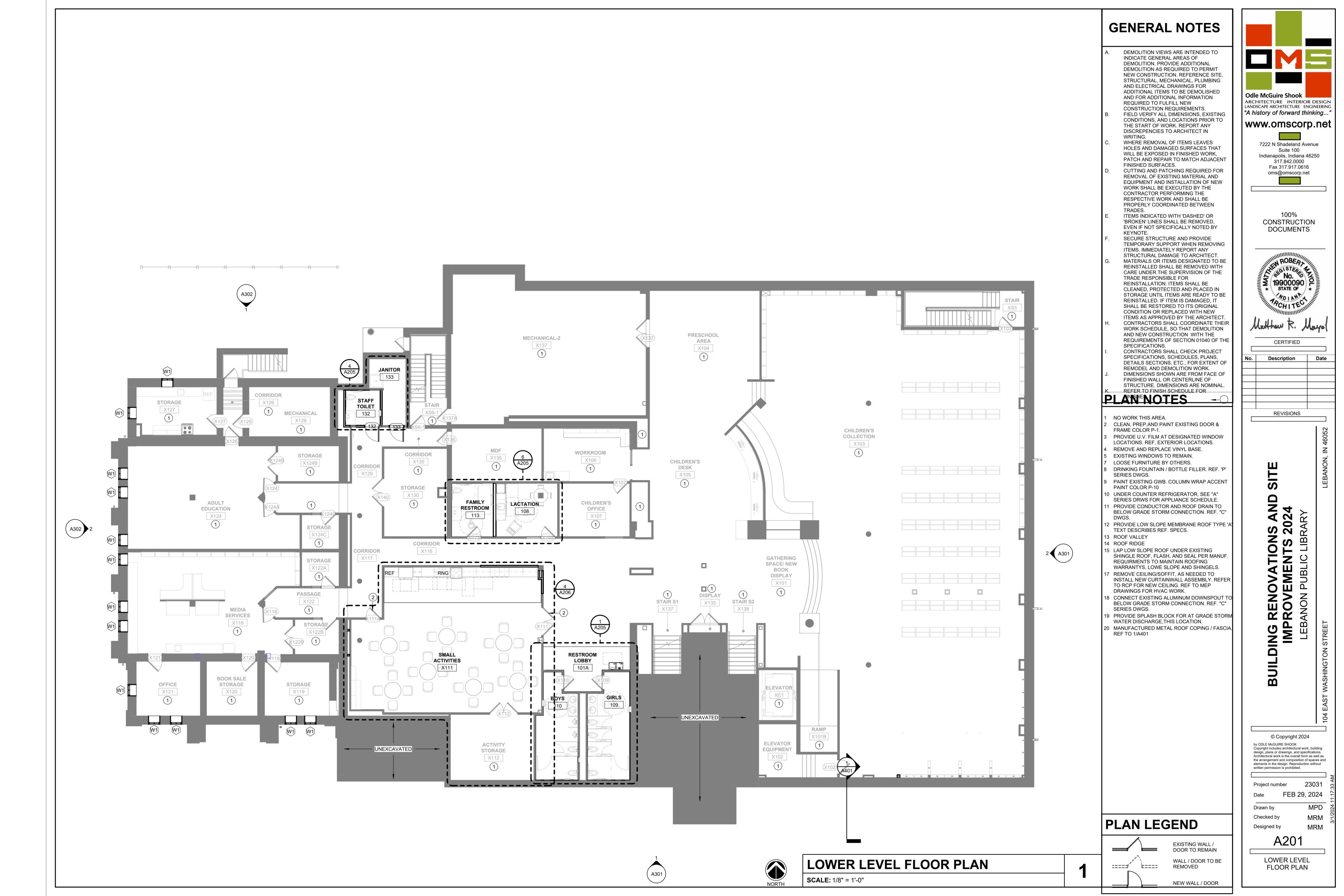
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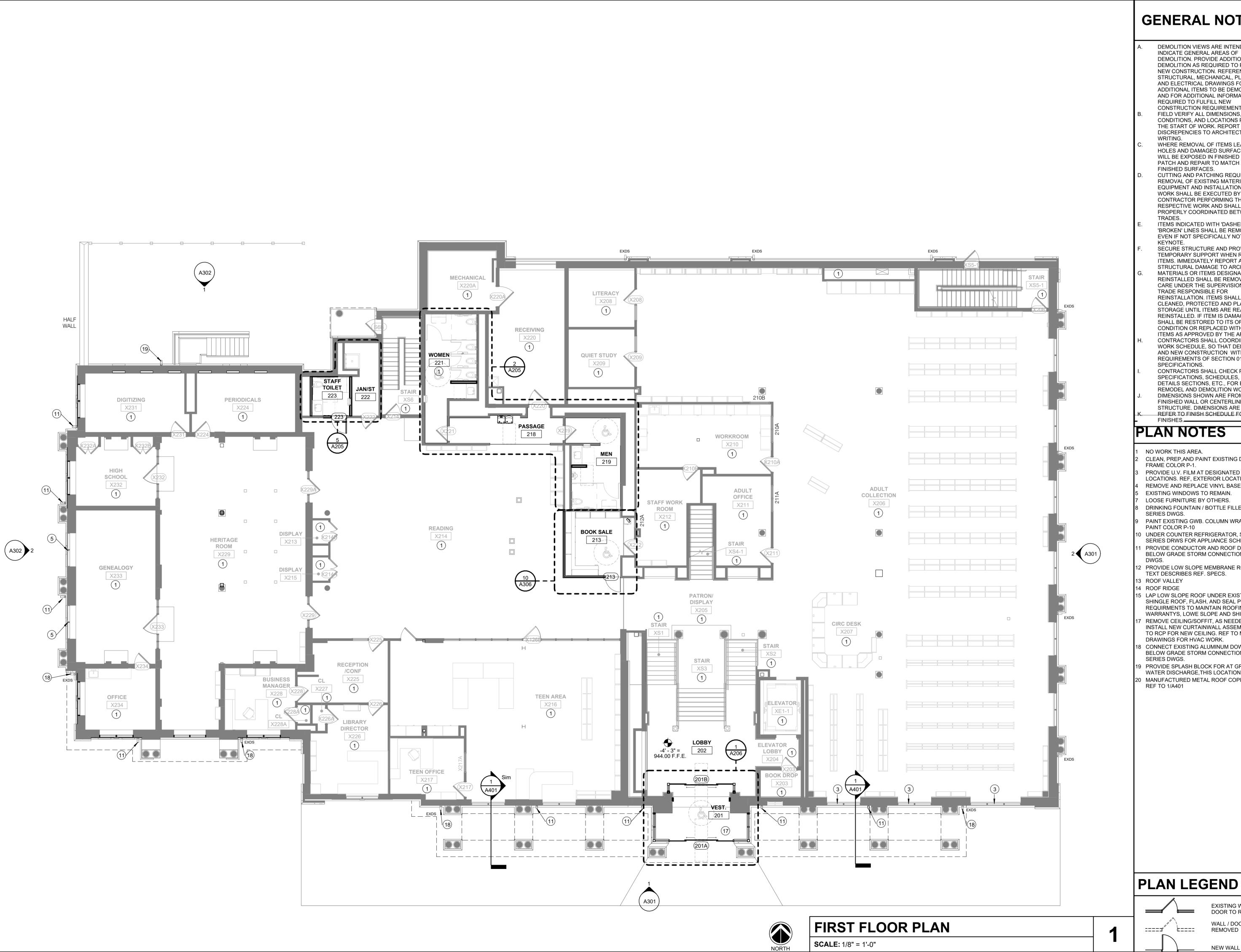
Date: **FEB. 29, 2024** 

Drawn by: BWR
Checked by: MRM
Designed by: BWR

G003

CONTRACTOR STAGING &
CONSTRUCTION PHASING PLAN





# **GENERAL NOTES**

- DEMOLITION VIEWS ARE INTENDED TO INDICATE GENERAL AREAS OF DEMOLITION. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED TO PERMIT NEW CONSTRUCTION. REFERENCE SITE, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL ITEMS TO BE DEMOLISHED AND FOR ADDITIONAL INFORMATION REQUIRED TO FULFILL NEW CONSTRUCTION REQUIREMENTS.
- FIELD VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, AND LOCATIONS PRIOR TO THE START OF WORK. REPORT ANY DISCREPENCIES TO ARCHITECT IN WRITING.
- WHERE REMOVAL OF ITEMS LEAVES HOLES AND DAMAGED SURFACES THAT WILL BE EXPOSED IN FINISHED WORK, PATCH AND REPAIR TO MATCH ADJACENT
- FINISHED SURFACES. CUTTING AND PATCHING REQUIRED FOR REMOVAL OF EXISTING MATERIAL AND EQUIPMENT AND INSTALLATION OF NEW WORK SHALL BE EXECUTED BY THE CONTRACTOR PERFORMING THE RESPECTIVE WORK AND SHALL BE PROPERLY COORDINATED BETWEEN
- ITEMS INDICATED WITH 'DASHED' OR 'BROKEN' LINES SHALL BE REMOVED, EVEN IF NOT SPECIFICALLY NOTED BY KEYNOTE.
- SECURE STRUCTURE AND PROVIDE TEMPORARY SUPPORT WHEN REMOVING ITEMS. IMMEDIATELY REPORT ANY
- STRUCTURAL DAMAGE TO ARCHITECT. MATERIALS OR ITEMS DESIGNATED TO BE REINSTALLED SHALL BE REMOVED WITH CARE UNDER THE SUPERVISION OF THE TRADE RESPONSIBLE FOR REINSTALLATION, ITEMS SHALL BE CLEANED, PROTECTED AND PLACED IN
- STORAGE UNTIL ITEMS ARE READY TO BE REINSTALLED, IF ITEM IS DAMAGED, IT SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR REPLACED WITH NEW ITEMS AS APPROVED BY THE ARCHITECT CONTRACTORS SHALL COORDINATE THEIR WORK SCHEDULE, SO THAT DEMOLITION
- AND NEW CONSTRUCTION WITH THE REQUIREMENTS OF SECTION 01040 OF THE SPECIFICATIONS. CONTRACTORS SHALL CHECK PROJECT SPECIFICATIONS, SCHEDULES, PLANS,
- DETAILS SECTIONS, ETC., FOR EXTENT OF REMODEL AND DEMOLITION WORK. DIMENSIONS SHOWN ARE FROM FACE OF FINISHED WALL OR CENTERLINE OF STRUCTURE. DIMENSIONS ARE NOMINAL. REFER TO FINISH SCHEDULE FOR FINISHES.

# **PLAN NOTES**

- NO WORK THIS AREA. CLEAN, PREP, AND PAINT EXISTING DOOR &
- FRAME COLOR P-1. PROVIDE U.V. FILM AT DESIGNATED WINDOW LOCATIONS. REF, EXTERIOR LOCATIONS.
- REMOVE AND REPLACE VINYL BASE. EXISTING WINDOWS TO REMAIN. LOOSE FURNITURE BY OTHERS. DRINKING FOUNTAIN / BOTTLE FILLER. REF. 'P
- PAINT EXISTING GWB. COLUMN WRAP ACCENT PAINT COLOR P-10 UNDER COUNTER REFRIGERATOR, SEE "A"
- SERIES DRWS FOR APPLIANCE SCHEDULE. PROVIDE CONDUCTOR AND ROOF DRAIN TO BELOW GRADE STORM CONNECTION. REF. "C"
- 12 PROVIDE LOW SLOPE MEMBRANE ROOF TYPE 'A'
- TEXT DESCRIBES REF. SPECS. 13 ROOF VALLEY
- 14 ROOF RIDGE 15 LAP LOW SLOPE ROOF UNDER EXISTING SHINGLE ROOF, FLASH, AND SEAL PER MANUF REQUIRMENTS TO MAINTAIN ROOFING
- WARRANTYS, LOWE SLOPE AND SHINGELS. REMOVE CEILING/SOFFIT, AS NEEDED TO INSTALL NEW CURTAINWALL ASSEMBLY. REFER TO RCP FOR NEW CEILING. REF TO MEP DRAWINGS FOR HVAC WORK.
- CONNECT EXISTING ALUMINUM DOWNSPOUT TO BELOW GRADE STORM CONNECTION. REF. "C" SERIES DWGS.
- 9 PROVIDE SPLASH BLOCK FOR AT GRADE STORM WATER DISCHARGE, THIS LOCATION. 20 MANUFACTURED METAL ROOF COPING / FASCIA.

# REF TO 1/A401

EXISTING WALL / DOOR TO REMAIN

REMOVED

E====

WALL / DOOR TO BE

NEW WALL / DOOR



LANDSCAPE ARCHITECTURE ENGINEERING "A history of forward thinking...

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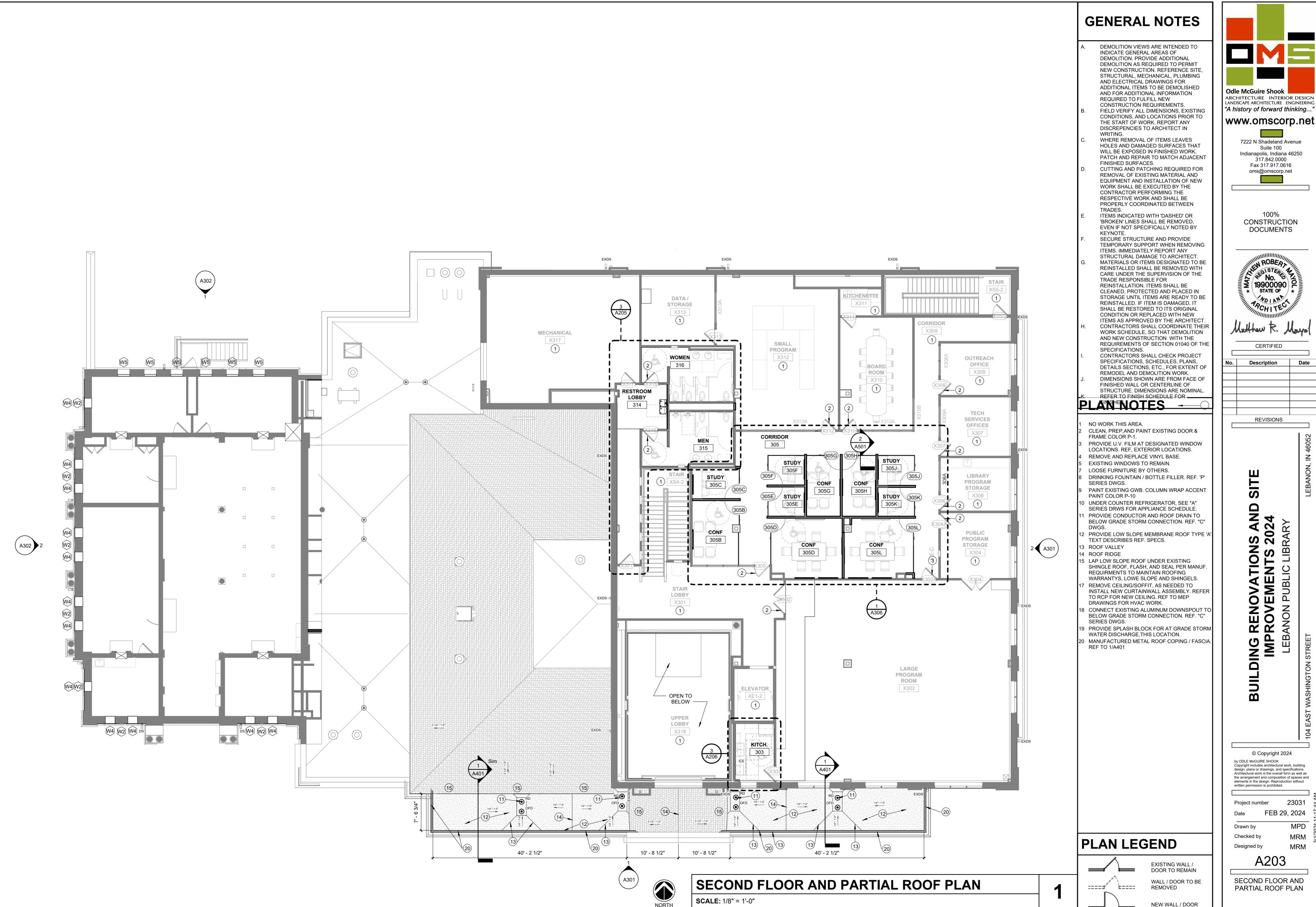
23031 Project number Date

FEB 29, 2024

MPD Drawn by MRM Checked by Designed by MRM

A202

FIRST FLOOR PLAN

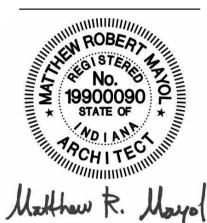


Odle McGuire Shook ARCHITECTURE INTERIOR DESIGN LANDSCAPE ARCHITECTURE ENGINEERING

# "A history of forward thinking...

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23031

FEB 29, 2024 MPD

> MRM MRM

A203

SECOND FLOOR AND PARTIAL ROOF PLAN



GC MC EC Sub \_\_\_

# Pre-Bid Conference Sign-In Sheet Lebanon Public Library Building Renovations & Site Improvements March 14, 2024

Odla Macking Chook	Warch 14, 2024		
Odle McGuire Shook NAME (Please Print Clearly)	COMPANY NAME	ě	PHONE NO./EMAIL
GC MC EC Sub_ Shirlene man ley	RLTurne	δ————————————————————————————————————	P bradw Orlturner.
Joey Bastian  69 MC EC Sub	Ferguson Constr	action	P_812-350-3510 E_jbastige_Oferguson-construction
GOMC EC Sub	SCS CONSTR	UCTION	PE 317-882-0100 EESTIMATING QUESCONSTRUCTION
			EB) HTTALING/A) SESCONSINO CHIEF
Odle McGuire Shook	Lebanon Public & S	onference Sig Library Build ite Improvem March 14, 202	ing Renovations ents
NAME (Please Print Clearly)	COMPANY NAME	1 ===	PHONE NO./EMAIL
GCYMC EC Sub_	3D Professiumol C	Contracting, Inc.	P_765-483-8124
CORY BROWN  G: MC EC Sub	MATT CON GENE	RAC	P 574-361-5373
	CONTRACTORS		ECORY BOMATTCONGC.COM
GC MC EC Sub			P
	-		Ε

#### **SECTION 093000 - TILING**

#### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Tile for floor applications.
- B. Tile for wall applications.
- C. Cementitious backer board as tile substrate.
- D. Ceramic accessories.
- Non-ceramic trim.

#### 1.2 RELATED REQUIREMENTS

A. Section 079200 - Joint Sealants: Sealing joints between tile work and adjacent construction and fixtures.

#### 1.3 REFERENCE STANDARDS

- A. ANSI A108.1a American National Standard Specifications for Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar; 2017 (Reaffirmed 2022).
- B. ANSI A108.1b American National Standard Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar; 2017.
- C. ANSI A108.1c Contractor's Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar; 1999 (Reaffirmed 2021).
- D. ANSI A108.2 American National Standard General Requirements: Materials, Environmental and Workmanship; 2019.
- E. ANSI A108.4 American National Standard Specifications for Installation of Ceramic Tile with Organic Adhesive or Water Cleanable Tile-Setting Epoxy Adhesive; 2019.
- F. ANSI A108.5 American National Standard Specifications for Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar; 2021.
- G. ANSI A108.6 American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grout Epoxy; 1999 (Reaffirmed 2019).
- H. ANSI A108.8 American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout; 1999 (Reaffirmed 2019).
- ANSI A108.9 American National Standard Specifications for Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout; 1999 (Reaffirmed 2019).
- J. ANSI A108.10 American National Standard Specifications for Installation of Grout in Tilework; 2017 (Reaffirmed 2022).
- K. ANSI A108.11 American National Standard Specifications for Interior Installation of Cementitious Backer Units; 2018.
- L. ANSI A108.12 American National Standard for Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Latex-Portland Cement Mortar; 1999 (Reaffirmed 2019).

- M. ANSI A108.13 American National Standard for Installation of Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone; 2005 (Reaffirmed 2021).
- N. ANSI A108.19 American National Standard Specifications for Interior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the Thin-Bed Method Bonded with Modified Dry-Set Cement Mortar or Improved Modified Dry-Set Cement Mortar; 2020.
- O. ANSI A108.20 American National Standard Specifications for Exterior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs; 2020.
- P. ANSI A118.3 American National Standard Specifications for Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy and Water Cleanable Tile-Setting Epoxy Adhesive; 2021.
- Q. ANSI A118.4 American National Standard Specifications for Modified Dry-Set Cement Mortar; 2019.
- R. ANSI A118.9 American National Standard Specifications for Test Methods and Specifications for Cementitious Backer Units; 2019.
- S. ANSI A118.12 American National Standard Specifications for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation; 2014 (Reaffirmed 2019).
- T. ANSI A137.1 American National Standard Specifications for Ceramic Tile; 2022.
- U. ASTM C373 Standard Test Methods for Determination of Water Absorption and Associated Properties by Vacuum Method for Pressed Ceramic Tiles and Glass Tiles and Boil Method for Extruded Ceramic Tiles and Non-tile Fired Ceramic Whiteware Products; 2018 (Reapproved 2023).
- V. ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; 2022.
- W. ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride; 2023.
- X. ASTM F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes; 2019a.
- Y. TCNA (HB) Handbook for Ceramic, Glass, and Stone Tile Installation; 2023.
- Z. TCNA (HB-GP) Handbook for Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs Installation; 2023.

#### 1.4 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting: Convene a preinstallation meeting one week before starting work of this section; require attendance by affected installers.

#### 1.5 SUBMITTALS

- A. See Section 013000 Administrative Requirements for submittal procedures.
- B. Product Data: Provide manufacturers' data sheets on tile, mortar, grout, and accessories. Include instructions for using grouts and adhesives.

- C. Shop Drawings: Indicate tile layout, patterns, color arrangement, perimeter conditions, junctions with dissimilar materials, control and expansion joints, thresholds, ceramic accessories, and setting details.
- D. Installer's Qualification Statement:
  - Submit documentation of National Tile Contractors Association (NTCA) or Tile Contractors' Association of America (TCAA) accreditation.
  - 2. Submit documentation of completion of apprenticeship and certification programs.
  - 3. Submit documentation of Natural Stone Institute Accreditation.
- E. Maintenance Data: Include recommended cleaning methods, cleaning materials, and stain removal methods.
- F. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
  - 1. See Section 016000 Product Requirements, for additional provisions.

#### 1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the types of products specified in this section, with minimum five years of documented experience.
- B. Installer Qualifications: Natural Stone Institute (NSI) Accredited Commercial B Contractor (light commercial): www.naturalstoneinstitute.org/#sle.
- C. Installer Qualifications:
  - Company specializing in performing tile installation, with minimum of five years of documented experience.

#### 1.7 DELIVERY, STORAGE, AND HANDLING

A. Protect adhesives from freezing or overheating in accordance with manufacturer's instructions.

#### 1.8 FIELD CONDITIONS

- A. Do not install solvent-based products in an unventilated environment.
- B. Maintain ambient and substrate temperature above 50 degrees F and below 100 degrees F during installation and curing of setting materials.

#### **PART 2 PRODUCTS**

#### 2.1 TILE

- A. Manufacturers: All products by the same manufacturer.
  - 1. American Olean Corporation: www.americanolean.com/#sle.
  - 2. Dal-Tile Corporation: www.daltile.com/#sle.
  - 3. Emser Tile, LLC: www.emser.com/#sle.
  - Florim USA: www.milestonetiles.com/#sle.
  - 5. Substitutions: See Section 016000 Product Requirements.
- B. Ceramic Mosaic Tile: ANSI A137.1 standard grade.
  - 1. Moisture Absorption: 0 to 0.5 percent as tested in accordance with ASTM C373.
  - 2. Size: 1 by 1 inch, nominal.
  - 3. Shape: Square.

- 4. Edges: Square.
- 5. Color(s): As indicated on drawings.
- 6. Pattern: .
- C. Porcelain Tile: ANSI A137.1 standard grade.
  - Moisture Absorption: 0 to 0.5 percent as tested in accordance with ASTM C373.
  - 2. Color(s): As indicated on drawings.

#### 2.2 TRIM AND ACCESSORIES

- A. Non-Ceramic Trim: Brushed stainless steel, style and dimensions to suit application, for setting using tile mortar or adhesive.
  - Applications:
    - a. Open edges of wall and floor tile.
    - b. Inside and outside wall corners.
    - c. Transition between floor finishes of different heights.
    - d. Thresholds at door openings.
    - e. Floor and wall expansion and control joints.
    - f. Floor-to-wall joints.
    - g. Borders and other trim as indicated on drawings.
  - 2. Products:
    - a. Schluter-Systems: www.schluter.com/#sle.

#### 2.3 SETTING MATERIALS

- A. Provide setting and grout materials from same manufacturer.
- B. Manufacturers:
  - 1. ARDEX Engineered Cements: www.ardexamericas.com/#sle.
  - 2. Bostik Inc: www.bostik-us.com/#sle.
  - 3. Custom Building Products: www.custombuildingproducts.com/#sle.
  - 4. H.B. Fuller Construction Products, Inc: www.tecspecialty.com/#sle.
  - 5. LATICRETE International, Inc: www.laticrete.com/#sle.
  - 6. Merkrete, by Parex USA, Inc: www.merkrete.com/#sle.
  - 7. Substitutions: See Section 016000 Product Requirements.
- C. Latex-Portland Cement Mortar Bond Coat: ANSI A118.4.
  - Applications: Use this type of bond coat where indicated, and where no other type of bond coat is indicated.
  - 2. Products:
    - a. ARDEX Engineered Cements; ARDEX X 5: www.ardexamericas.com/#sle.
    - b. Custom Building Products; ProLite Premium Rapid Setting Large Format Tile Mortar, with Multi-Surface Bonding Primer: www.custombuildingproducts.com/#sle.
    - c. H.B. Fuller Construction Products, Inc; TEC TotalFlex 110 Universal Mortar: www.tecspecialty.com/#sle.

- d. LATICRETE International, Inc; TRI-LITE: www.laticrete.com/#sle.
- e. Merkrete, by Parex USA, Inc; Merkrete 735 Premium Flex: www.merkrete.com/#sle.
- f. Sika Corp; SikaTile 300 Set: www.sika.com/#sle.
- g. Substitutions: See Section 016000 Product Requirements.

#### 2.4 GROUTS

- A. Provide setting and grout materials from same manufacturer.
- B. Epoxy Grout: ANSI A118.3 chemical resistant and water-cleanable epoxy grout.
  - 1. Applications: Where indicated.
  - 2. Color(s): As selected by Architect from manufacturer's full line.
  - Products:
    - a. ARDEX Engineered Cements; ARDEX WA: www.ardexamericas.com/#sle.
    - b. Custom Building Products; CEG-IG 100% Solids Industrial Grade Epoxy Grout: www.custombuildingproducts.com/#sle.
    - c. H.B. Fuller Construction Products, Inc; TEC AccuColor EFX Epoxy Special Effects Grout: www.tecspecialty.com/#sle.
    - d. LATICRETE International, Inc; LATICRETE SPECTRALOCK PRO Premium Grout: www.laticrete.com/#sle.
    - e. Merkrete, by Parex USA, Inc; Merkrete Pro Epoxy: www.merkrete.com/#sle.
    - f. Sika Corp; SikaTile 825 Epoxy: www.sika.com/#sle.
    - g. Stuart Dean Company, Inc; Marcoat GS: www.stuartdean.com/#sle.
    - h. Substitutions: See Section 016000 Product Requirements.

#### 2.5 MAINTENANCE MATERIALS

- A. Tile Sealant: Gunnable, silicone, siliconized acrylic, or urethane sealant; moisture and mildew resistant type.
  - 1. Applications: Between tile and plumbing fixtures.
  - 2. Color(s): As selected by Architect from manufacturer's full line.
  - 3. Products:
    - a. ARDEX Engineered Cements; ARDEX SX: www.ardexamericas.com/#sle.
    - b. Custom Building Products; Commercial 100% Silicone Caulk: www.custombuildingproducts.com/#sle.
    - c. LATICRETE International, Inc; LATICRETE LATASIL: www.laticrete.com/#sle.
    - d. Merkrete, by Parex USA, Inc; Merkrete Colored Caulking: www.merkrete.com/#sle.
    - e. Rust-Oleum Corporation; Merkrete Colored Caulking: www.rustoleum.com/#sle.
- B. Tile Sealant: Two-component, semi-rigid, 100 percent epoxy sealant; resistant to rolling loads.
  - 1. Applications: Nonmoving and saw-cut control and construction joints in tile flooring.
  - 2. Color: As selected by Architect from manufacturer's full line.

#### 2.6 ACCESSORY MATERIALS

- A. Concrete Floor Slab Crack Isolation Membrane: Material complying with ANSI A118.12; not intended as waterproofing.
  - 1. Crack Resistance: No failure at 1/8 inch gap, minimum.
  - 2. Fluid or Trowel Applied Type:
    - a. Material: Synthetic rubber or Acrylic.
    - b. Thickness: 20 mils, maximum.
    - c. Products:
      - 1) H.B. Fuller Construction Products, Inc; TEC HydraFlex Waterproofing Crack Isolation Membrane: www.tecspecialty.com/#sle.
      - LATICRETE International, Inc; LATICRETE FRACTURE BAN SC: www.laticrete.com/#sle.
      - 3) Merkrete, by Parex USA, Inc; Merkrete Fracture Guard: www.merkrete.com/#sle.
      - 4) Sika Corp; SikaTile 200 Fracture Guard Rapid: www.sika.com/#sle.
      - 5) Substitutions: See Section 016000 Product Requirements.
  - 3. Peel-and-Stick Sheet Type:
    - a. Material: Rubberized membrane laminated to reinforcing fabric.
    - b. Thickness: 20 mils, maximum.
    - c. Products:
      - 1) LATICRETE International, Inc; FRACTURE BAN: www.laticrete.com/#sle.
      - 2) Proflex Products, Inc; Maxxim Sim-40: www.proflex.us/#sle.
      - 3) Protecto Wrap; AFM Anti-Fracture Membrane: www.protectowrap.com/#sle.
      - 4) Sika Corp; SikaTile 225 PNS: www.sika.com/#sle.
- B. Backer Board: Cementitious type complying with ANSI A118.9; high density, glass fiber reinforced, 7/16 inch thick; 2 inch wide coated glass fiber tape for joints and corners.

#### PART 3 EXECUTION

#### 3.1 EXAMINATION

- A. Verify that subfloor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive tile.
- B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive tile.
- C. Verify that subfloor surfaces are dust free and free of substances that could impair bonding of setting materials to subfloor surfaces.
- D. Cementitious Subfloor Surfaces: Verify that substrates are ready for tiling installation by testing for moisture and alkalinity (pH).
  - 1. Test as Follows:
    - a. Alkalinity (pH): ASTM F710.
    - b. Internal Relative Humidity: ASTM F2170.
    - c. Moisture Vapor Emission: ASTM F1869.
  - 2. Obtain instructions if test results are not within limits recommended by tiling material manufacturer and setting material manufacturer.

E. Verify that required floor-mounted utilities are in correct location.

#### 3.2 PREPARATION

- A. Protect surrounding work from damage.
- B. Vacuum clean surfaces and damp clean.
- C. Seal substrate surface cracks with filler. Level existing substrate surfaces to acceptable flatness tolerances.
- D. Install backer board in accordance with ANSI A108.11 and board manufacturer's instructions.

  Tape joints and corners, cover with skim coat of setting material to a feather edge.
- E. Prepare substrate surfaces for adhesive installation in accordance with adhesive manufacturer's instructions.

#### 3.3 INSTALLATION - GENERAL

- A. Install tile, thresholds, and stair treads and grout in accordance with applicable requirements of ANSI A108.1a through ANSI A108.20, manufacturer's instructions, and TCNA (HB) or TCNA (HB-GP) recommendations, as applicable.
- B. Lay tile to pattern indicated. Do not interrupt tile pattern through openings.
- C. Cut and fit tile to penetrations through tile, leaving sealant joint space. Form corners and bases neatly. Align floor joints.
- D. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make grout joints without voids, cracks, excess mortar or excess grout, or too little grout.
- E. Form internal angles square and external angles bullnosed.
- F. Install ceramic accessories rigidly in prepared openings.
- G. Install non-ceramic trim in accordance with manufacturer's instructions.
- H. Install thresholds where indicated.
- I. Sound tile after setting. Replace hollow sounding units.
- J. Keep control and expansion joints free of mortar, grout, and adhesive.
- K. Prior to grouting, allow installation to completely cure; minimum of 48 hours.
- L. Grout tile joints unless otherwise indicated. Use standard grout unless otherwise indicated.
- M. At changes in plane and tile-to-tile control joints, use tile sealant instead of grout, with either bond breaker tape or backer rod as appropriate to prevent three-sided bonding.

#### 3.4 INSTALLATION - FLOORS - THIN-SET METHODS

- A. Over interior concrete substrates, install in accordance with TCNA (HB) Method F113, dry-set or latex-Portland cement bond coat, with standard grout, unless otherwise indicated.
- B. Over wood substrates, install in accordance with TCNA (HB) Method F142, with standard grout, unless otherwise indicated.

#### 3.5 INSTALLATION - WALL TILE

A. Over cementitious backer units on studs, install in accordance with TCNA (HB) Method W244, using membrane at toilet rooms.

- B. Over gypsum wallboard on wood or metal studs install in accordance with TCNA (HB) Method W243, thin-set with dry-set or latex-Portland cement bond coat, unless otherwise indicated.
- C. Over interior concrete and masonry install in accordance with TCNA (HB) Method W202, thinset with dry-set or latex-Portland cement bond coat.
- D. Over wood studs without backer install in accordance with TCNA (HB) Method W231, mortar bed, with membrane where indicated.
- E. Over metal studs without backer install in accordance with TCNA (HB) Method W241, mortar bed, with membrane where indicated.

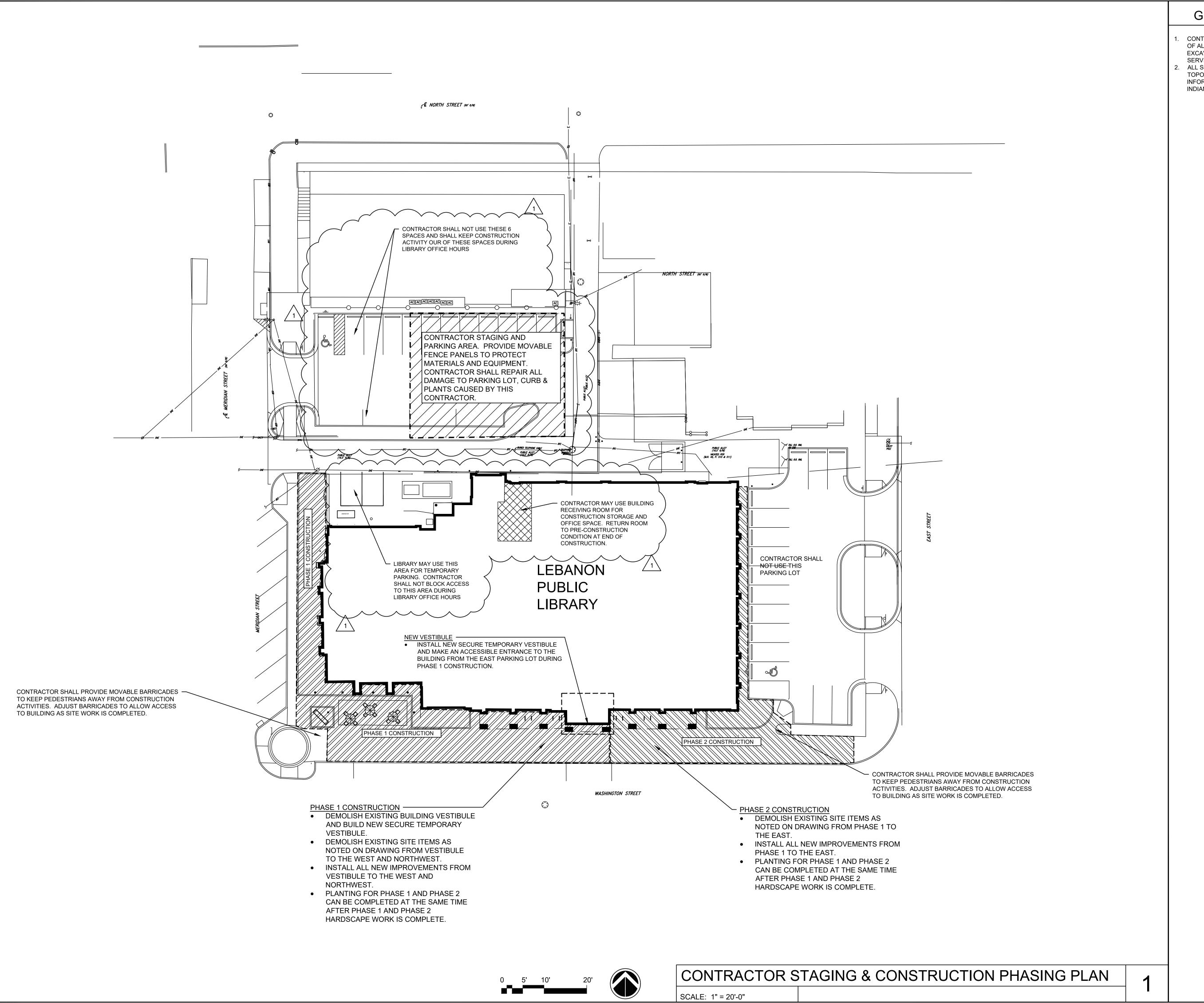
#### 3.6 CLEANING

A. Clean tile and grout surfaces.

#### 3.7 PROTECTION

A. Do not permit traffic over finished floor surface for 4 days after installation.

**END OF SECTION 093000** 



# **GENERAL NOTES:**

- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL BURIED UTILITIES PRIOR TO EXCAVATION BY CALLING UTILITY LOCATING SERVICES.
- 2. ALL SURVEY, PROPERTY BOUNDARY, TOPOGRAPHIC AND EXISTING UTILITY INFORMATION PROVIDED BY VITREON GROUP, INDIANAPOLIS, INDIANA.

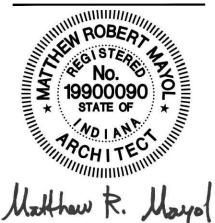


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100%
CONSTRUCTION
DOCUMENTS



CERTIFIED

. Description Date
ADDENDUM 1 3/15/24

REVISIONS

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DING RENOVAT
IMPROVEMEN

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by ODLE McGUIRE SHOOK
Copyright includes architectural work, building design, plans or drawings, and specifications. Architectural work is the overall form as well as the arrangement and composition of spaces and elements in the design.

Project number: 23031

Date: **FEB. 16, 2024** 

Drawn by:
Checked by:
Designed by:

G003

CONTRACTOR STAGING &
CONSTRUCTION PHASING PLAN