Addendum

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creative focused design

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DATE: 6/4/2026

PROJECT: Greenville National Bank Renovation

PROJECT ADDRESS: 446 S Broadway Street
Greenville, Ohio 45331

114 W. 4th Street
Greenville, Ohio 45332

ADDENDUM NO. 3

RECEIPT OF THIS ADDENDUM MUST BE NOTED ON THE FORM OF PROPOSAL

TO ALL BIDDERS:

This addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing proposals and shall become part of the Contract Documents.

GENERAL ITEMS:

Q1: What are the expected lead times for electrical and mechanical equipment?
A1: Main electric service panels have an expected 9-10 week lead time. Other electric service panels have an expected 6-8 week lead time. RTU has an expected 14-16 week lead time. These projections are estimations. General Contractor is responsible for procurement of equipment.

Q2: Who will carry Builder's Risk Insurance?
A2: The Owner is responsible for carrying Builder's Risk Insurance.

Q3: Confirm whether a standard Certificate of Insurance is required or if a "Certificate of Builder's Risk Insurance" as requested on the bid form is required.
A3: A standard Certificate of Insurance is acceptable. Refer to revised Bid Form.

Q4: Please confirm liquidated damages do not apply for this project.
A4: Liquidated damages do not apply.

Q5: What payment terms will be used for the project?
A5: Pay applications submitted monthly and be paid by the Owner in net 30 days.

Q6: Can our surety company utilize their on Bid Bond Form?
A6: Yes, this is acceptable.

Q7: Please confirm 2D coordination drawings for the MEP's are acceptable.
A7: 2D coordination drawings are acceptable.

Q8: Should the RTU removal and replacement work be completed over the weekends? What other work should be completed outside of 7 am – 5 pm?
A8: RTU replacement is not required to be completed after-hours per the Owner. If this work is required to be after hours for safety concerns, it will need to be coordinated with the Owner. Other work to be completed after hours includes the electrical service switch-over and any work that entails excessive noise for long periods of the day. Refer to revised Specification Section 01 1000.

Q9: Will all loose furnishings be removed by Owner prior to work?
A9: Yes, Owner will be responsible for removing all loose furnishings prior to each phase of construction. Please allow time between phases for Owner to relocate employees and furnishings as required.

Q10: How will the abatement contractor remove the gray fibrous insulation at the perimeter walls of the Main Building First Floor? Will drywall and insulation be removed entirely, leaving the General Contractor's Drywaller responsible for providing new insulation and drywall at the entire perimeter of the Main Building First Floor?
A10: Gray fibrous insulation with ACM was found only in a narrow strip between the drywall on the wall and the previous hard plaster ceiling as an acoustical plaster at approximately 11'-0" A.F.F. Removal of all drywall and insulation will not be removed entirely on Main Building 1st Floor. However, the abatement contractor will need to remove approximately 1' of drywall and plaster at exterior walls at 11'-0" A.F.F. where existing walls are to be demolished. GC will be responsible for removing metal studs and remaining gypsum wallboard and reinstalling gypsum wallboard where existing walls were removed. This condition is only anticipated to be applied at the exterior perimeter walls and at the (5) columns in the lobby space.

Q11: With the extent of the waterproofing/remedies at the Main Building East basement walls unknown, can the architect establish an allowance for the General Contractors to carry?
A11: Construction Note 3 on A1.2 has been revised. GC is responsible for replacing approximately 50 SF of gypsum board and evaluating any further repairs necessary. If more repairs are necessary, the cost will be covered by the Owner's contingency.

Q12: Queen City Awning, who is the Basis of Design Canopy Manufacturer, cannot make the canopy as currently designed around the existing c-channel. The canopy framing would need to be entirely removed and have a flat wall surface to mount to. Additionally, they cannot match the profile shown. They can provide an 8" flat fascia with a 4" crown along the top (not the bottom). Please advise.
A12: Please include a canopy quote that aligns with the design intent and is cost-effective. Proposal can 1) retain the existing steel structure and construct new canopy around it, or 2) demolish existing steel structure and install a complete new canopy system with new structure. Please include equivalent alternate manufacturers for consideration.

Q13: Who is the Owner's contracted Commissioning agent for the project?
A13: The Owner's commissioning agent is to be determined.

Q14: Are all Aid to Construction fees for the new Electrical Service to be paid for by Owner?
A14: Yes, Aid to Construction for new electrical service will be paid for by the Owner.

Q15: Verify Cat-6 data drops should be single or double?
A15: Cat-6 drops and cabling are to be provided by the Owner's IT contractor per Construction Notes on E4.0, E4.1, and E4.2. This contract requires the Electrical Contractor to provide pathways for data connections.

Q16: What is the thickness of the exterior aluminum doors? Specs call for 2-1/4". Door schedule calls for 1-3/4".
A16: Exterior aluminum storefront doors are to be 2-1/4" in thickness. Door Schedule has been revised to reflect this.

Q17: The interior locks and kick plates call out US15 finish (Satin Nickel), which is uncommon. Please verify that US15 is what is wanted.
A17: Provide door hardware in the finish as indicated in the specifications.

Q18: Drawings E3.1 and E3.2 show floor boxes. Should these be poke-thru instead of floor boxes since there is a basement under the 1st and the other boxes are on the 2nd floor? If yes, what brand and model is the poke-through?
A18: Poke-thru boxes are acceptable if similar to or equal to Legrand. Diameter for poke-thru boxes must be 6" diameter.

Q19: Drawing E0.6 shows a grounding detail with a rod grounding field. Where is the rod grounding field to be located?
A19: Only two ground rods will be required and will be located in the alleyway. Coordination of location will be determined during construction.

Q20: Drawing E3.2 Note 1 & 2 says to mount a J-box outside and come through the wall to another J-box inside and down to a CT cabinet for the new service. Will there need to be a disconnect since it is more than 6 feet inside the building to the CT cabinet?
A20: At this time, AES has not indicated to us that a disconnect will be required at that location.

Q21: Please confirm who is to provide the "New Night Drop Access Cabinet" shown in Note #22 on A1.5. If the contractor is to supply and install, please provide manufacturer and model number.
A21: E1/A7.4 shows cabinet to be supplied by GC. Cabinet is to be "BCT" cabinet as detailed on F1/A8.1. Existing night drop thru-wall equipment is to remain. GC to install cabinet around existing night drop access in floor. BCT detail calls for no bottom in cabinet to access existing night drop.

Q22: Please clarify whether the rigid insulation shall be adhered or mechanically fastened. 4.03 A states to embed insulation in adhesive. 4.03 B states to mechanically fasten the coverboard. Typically, you would not adhere the rigid insulation and then thru-fasten the coverboard.
A22: Install in accordance with the membrane manufacturer's instructions and recommendations based on the substrate.

ABATEMENT SPECIFICATIONS:

ITEM AB1 02 8213 ASBESTOS SURVEY REPORT

1. Revised bid time to 2 pm on June 9, 2026.
2. Revised abatement Bid Form

ARCHITECTURAL SPECIFICATIONS:

ITEM AS1 TABLE OF CONTENTS
1. Added Division 00 7300 to Table of Contents.

ITEM AS2 00 4113 BID FORM
1. Revised Acknowledgement of Insurance to eliminate "Builder's Risk".
2. Revised Bidders Checklist to eliminate "Builder's Risk".

ITEM AS3 00 7300 SUPPLEMENTARY CONDITIONS
1. Added specification section to Contract Documents.

ITEM AS4 01 1000 SUMMARY
1. Added clarification to Time Restrictions and Utility Outages and Shutdown.

ITEM AS5 08 1113 HOLLOW METAL DOORS AND FRAMES
1. Added Steelcraft to approved manufacturers.

ITEM AS6 10 1419 DIMENSIONAL LETTER SIGNAGE
1. Added Ellet signage to approved manufacturers.

ITEM AS7 14 2400 HYDRAULIC ELEVATORS
1. Added Executive Elevator Company to approved manufacturers.

MECHANICAL SPECIFICATIONS:

ITEM MS1 23 7413 PACKAGED, OUTDOOR, AIR HANDLING UNIT
1. Paragraph 2.1 Manufacturers –
    a. Remove Carrier and York/JCI (Premier) from list of approved manufacturers.
    b. Add Greenheck (RV Series) and Valent (VX Series) to the list of approved manufacturers.

GENERAL DRAWINGS:

ITEM G1 SHEET G0.4 – PHASING PLAN
1. Revised Phase Note 3.
2. Added General Note K regarding abatement contractor's mobilizations.

ARCHITECTURAL DRAWINGS:

ITEM A1 SHEET A0.3 – DOOR SCHEDULES
1. Revised door thickness for 1100, C01, 106, and 100.
2. Revised door frame width to 6' - 0" for doors 100A and 106A.
3. Revised fire rating for door B03.

ITEM A2 SHEET A0.5 – STOREFRONT SCHEDULE
1. Revised dimensions for SF-17 and SF-15.

ITEM A3 SHEET A1.2 – BASEMENT REFERENCE PLAN

1. Revised Construction Note 3.

MECHANICAL DRAWINGS:

ITEM H1 SHEET H0.3 – ROOFTOP UNIT SCHEDULE

1. Added Relief Fan and associated data to rooftop unit schedule.

ELECTRICAL DRAWINGS:

ITEM E1 SHEET E0.7 - SCHEDULES

1. Add LiteControl (D1), LightWay (K1), ALW (L1), and Optic Arts (L2) are acceptable manufacturers for the specified fixture and shall be considered approved equals. Revised sheet not accompanying change.

END OF ADDENDUM NO. 3

ATTACHMENTS: Specifications

TABLE OF CONTENTS
00 4113 BID FORM
00 7300 SUPPLEMENTAL CONDITIONS
01 1000 SUMMARY
02 8213 ASBESTOS SURVEY REPORT
08 1113 HOLLOW METAL DOORS AND FRAMES
10 1419 DIMENSIONAL LETTER SIGNAGE
14 2400 HYDRAULIC ELEVATORS
23 7413 PACKAGED, OUTDOOR, AIR HANDLING UNIT

Drawings

G0.4
A0.3, A0.5, A1.2
H0.3

TABLE OF CONTENTS

DOCUMENT 00 4113 - BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

PART 1 - GENERAL

1.1 BID INFORMATION

A. Bidder: _____.

B. Project Name: Greenville National Bank Main Branch Renovation.

C. Project Location: 446 South Broadway Street and 114 West 4th Street, Greenville, Ohio 45331.

D. Owner: Greenville National Bank, 446 South Broadway Street, Greenville, Ohio 45331.

E. Architect: App Architecture, Inc.

F. Architect Project Number: 4275.01.

1.2 CERTIFICATIONS AND BASE BID

A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by App Architecture, Inc. and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

Temporary Electric Allowance: $40,000

Temporary HVAC Allowance: $20,000

Stone Replacement Allowance: $25,000

For the Total Stipulated Sum of: $_____

(_____ Dollars).

And Bid Alternate No. 1 Work for the Sum of: $_____

(_____ Dollars).

1.3 ACKNOWLEDGEMENT OF ADDENDA

A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

1. Addendum No. ___, dated _____.
2. Addendum No. ___, dated _____.
3. Addendum No. ___, dated _____.
4. Addendum No. ___, dated _____.

1.4 ACKNOWLEDGEMENT OF INSURANCES

A. The undersigned Bidder acknowledges the following insurances and bonding will be provided and costs are included in the bid amount.

1. Liability and Insurances as listed in Article 11 of the General and Supplemental Conditions: YES or NO (circle one)
2. Performance Bond: YES or NO (circle one)
3. Payment Bond: YES or NO (circle one)

1.6 BIDDERS CHECKLIST

A. One copy of the following documents must accompany the bid form:

1. Section 00 4336 “Subcontractor List.”
2. Section 00 4513 “Contractor’s Qualification Statement.”
3. Section 00 4519 “Non-Collusion Affidavit Form.”
4. Section 00 4600 “Contractor’s Personal Property Tax Affidavit.”
5. Bid Guaranty & Contract Bond
6. Certificate of Insurance

1.7 CONTRACTOR'S LICENSE

A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in Darke County.

1.8 SUBMISSION OF BID

A. Respectfully submitted this ____ day of _____, 2026.

B. Submitted By:_____
(Name of bidding firm or corporation)

C. Authorized Signature:_____
(Handwritten signature)

D. Signed By:_____
(Type or print name)

E. Title:_____
(Owner/Partner/President/Vice President)

F. Witnessed By:_____
(Handwritten signature)

G. Attest:_____

(Handwritten signature)

H. By:_____
(Type or print name)

I. Title:_____
(Corporate Secretary or Assistant Secretary)

J. Street Address:_____

K. City, State, Zip:_____

L. Phone:_____

M. License No.:_____

N. Federal ID No.:_____
(Affix Corporate Seal Here)

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF DOCUMENT 00 4113

DOCUMENT 00 7300
SUPPLEMENTARY CONDITIONS

The following supplements modify the General Conditions of the Contract for Construction, AIA Document A201-2017. Where a portion of the General Conditions is modified or deleted by these supplementary conditions, the unaltered portions of the General Conditions shall remain in effect.

ARTICLE 1 - GENERAL PROVISIONS

1.1 BASIC DEFINITIONS

Add the following sentence to the End of Section 1.1.1:

The Contract Documents executed or identified in accordance with Subparagraph 1.5.1 shall prevail in case of an inconsistency with subsequent versions made through manipulatable electronic operations involving computers.

1.2 CORRELATION AND INTENT OF THE CONTRACT DOCUMENTS

Add Section 1.2.1.2 to Section 1.2.1:

1.2.1.2 In the event of conflicts or discrepancies among the Contract Documents, interpretations will be based on the following priorities:

1. The Agreement.
2. Addenda, with those of later date having precedence over those of earlier date.
3. The Supplementary Conditions.
4. The General Conditions of the Contract for Construction.
5. Division 1 of the Specifications.
6. Drawings and Division 2-33 of the Specifications.

In the case of conflicts or discrepancies between Drawings and Divisions 2-33 of the Specifications or within either Document not clarified by Addendum; the Architect will determine which takes precedence in accordance with Subparagraph 4.2.11.

1.7 DIGITAL DATA USE AND TRANSMISSION

Add the following Section 1.7.1 to Section 1.7:

1.7.1 Contractor's Use of Instruments of Service in Electronic Form.

1.7.1.1 The Architect may, with the concurrence of the Owner, furnish to the Contractor versions of Instruments of Service in electronic form. The Contract Documents executed or identified in accordance with Subparagraph 1.5.1 shall prevail in case of an inconsistency with subsequent versions made through manipulatable electronic operations involving computers.

1.7.1.2 The Contractor shall not transfer or reuse Instruments of Service in electronic or machine readable form without the prior written consent of the Architect.

1.7.1.3 The Contractor may obtain these computer aided design files for use in preparation of shop drawings and/or coordination drawings by completing the Architect's Agreement and Waiver for Use of Computer Aided Design File. Refer to form at end of this section.

Add the following Section 1.9 to Article 1:

1.9 Representatives of the Owner, Contractor and Architect shall meet periodically at mutually agreed-upon intervals for the purpose of establishing procedures to facilitate cooperation, communication and timely responses among the participants. By participating in this arrangement, the parties do not intend to create additional contractual obligations or modify the legal relationships which may otherwise exist.

ARTICLE 2 - OWNER

2.3 INFORMATION AND SERVICES REQUIRED BY THE OWNER

Delete Section 2.3.6 and substitute the following:

The General Contractor will be furnished free of charge, electronic copies of Drawings and Project Manual.

ARTICLE 3 - CONTRACTOR

3.2 REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR

To Paragraph 3.2 add the following Subparagraph 3.2.5:

3.2.5 Do not scale the Drawings. Follow indicated dimensions. In case of any discrepancy in the figures, bring the matter to the attention of the Architect for decision before proceeding with the Work. Failure to follow this procedure shall be at the Contractor's own risk, and the Architect's decision shall be final.

3.4 LABOR AND MATERIALS

Delete Section 3.4.2 and substitute the following:

3.4.2 After the Contract has been executed, the Owner and Architect will consider a formal request for the substitution of products in place of those specified only under the conditions set forth in the General Requirements (Division 1 of the Specifications). By making requests for substitutions, the Contractor:

.1 represents that the Contractor has personally investigated the proposed substitute product and determined that it is equal or superior in all respects to that specified;
.2 represents that the Contractor will provide the same warranty for the substitution that the Contractor would for that specified;
.3 certifies that the cost data presented is complete and includes all related costs under this Contract except the Architect's redesign costs, and waives all claims for additional costs related to the substitution which subsequently become apparent; and
.4 will coordinate the installation of the accepted substitute, making such changes as may be required for the Work to be complete in all respects.

Add the following Section 3.4.4 to Section 3.4:

3.4.4 The Owner shall be entitled to deduct from the Contract Sum amounts paid to the Architect to evaluate the Contractor's proposed substitutions and to make agreed-upon changes in the Drawings and Specifications made necessary by the Owner's acceptance of such substitutions.

3.7 PERMITS, FEES, AND NOTICES

Delete Section 3.7.1 and substitute the following:

3.7.1 The Owner shall pay for the general building permit and all utility tap fees. The Contractor shall secure and pay for other permits, fees, licenses, and inspections by government agencies necessary for proper execution and completion of the Work that are customarily secured after execution of the Contract and legally required at the time bids are received or negotiations concluded.

3.8 ALLOWANCES

Delete semicolon at end of Section 3.8.2.2 and add the following:

, except that if installation is included as part of an allowance in Divisions 1-33 of the Specifications, the installation and labor cost for greater or lesser quantities of Work shall be determined in accordance with Subparagraph 7.3.6;

3.9 SUPERINTENDENT

Delete Section 3.9.1 and substitute the following:

3.9.1 The Contractor shall employ a superintendent or an assistant to the superintendent who is responsible for coordinating Drawings, Specifications, and shop drawings pertaining to such systems. The coordinator shall assist the Subcontractors in arranging space conditions to eliminate interference between the mechanical and electrical systems and other Work and shall supervise will perform as a coordinator for mechanical and electrical Work. The coordinator shall be knowledgeable in mechanical and electrical systems and capable of reading, interpreting and the preparation of coordination drawings documenting the spatial arrangements for such systems within restricted spaces. The coordinator shall assist in planning and expediting the proper sequence of delivery of mechanical and electrical equipment to the site.

Add the following Sections to 3.9.1:

3.9.1.1 The Contractor shall submit an outline of the qualifications and experience of the Contractor's proposed superintendent, including references, to the Architect within ten (10) days of the Notice to Proceed.

3.9.1.2 The Owner reserves the right to reject the Contractor's proposed superintendent. Failure of the Architect to notify the Contractor within 30 days of receipt of the required information shall constitute notice that the Owner has no objection.

3.9.1.3 Should the Owner reject the Contractor's superintendent, the Contractor shall replace the superintendent at no additional cost.

3.9.1.4 The Contractor shall not change the Contractor's superintendent without written approval of the Owner.

3.9.1.5 If the Contractor proposes to change the Contractor's superintendent, the Contractor shall submit to the Architect a written justification for the change, along with the name and qualifications of the individual whom the Contractor proposes to be the new superintendent.

4.1 ARCHITECT

No Changes.

ARTICLE 5 – SUBCONTRACTORS

Delete Section 5.2.1, 5.2.2 and 5.2.3 and substitute the following:

5.2.1 Not later than 30 days after the date of commencement of the Work, the Contractor shall furnish in writing to the Owner through the Architect the names of persons or entities proposed as manufacturers, fabricators or material suppliers for the products, equipment and systems identified in the General Requirements (Division 1 of the Specifications) and, where applicable, the name of the installing Subcontractor.

ARTICLE 6 - CONSTRUCTION BY OWNER OF BY SEPARATE CONTRACT

No changes.

ARTICLE 7 - CHANGES IN THE WORK

7.1 GENERAL

Add the following Section 7.1.4 to Section 7.1:

7.1.4 The combined overhead and profit included in the total cost to the Owner of a change in the Work shall be based on the following schedule:

.1 For the Contractor, for Work performed by the Contractor's own forces, 10 percent of the cost.
.2 For the Contractor, for Work performed by the Contractor's Subcontractor, 5 percent of the amount due the Subcontractor.
.3 For each Subcontractor involved, for Work performed by that Subcontractor's own forces, 10 percent of the cost.
.4 For each Subcontractor involved, for Work performed by the Subcontractor's subcontractors, 5 percent of the amount due the Sub-subcontractor.
.5 Cost to which overhead and profit is to be applied shall be determined in accordance with Subparagraph 7.3.6.
.6 In order to facilitate checking of quotations for extras or credits, all proposals, except those so minor that their propriety can be seen by inspection, shall be accompanied by a complete itemization of costs including labor, materials and Subcontracts. Labor and materials shall be itemized in a manner prescribed above. Where major cost items are Subcontracts, they shall be itemized also. In no case will a change involving over $500. be approved without such itemization.

ARTICLE 8 - TIME

No changes.

ARTICLE 9 - PAYMENTS AND COMPLETION

9.2 SCHEDULE OF VALUES

Add the following sentence to Section 9.2:

The form of Schedule of Values shall be that each major item of Work and each subcontracted item of Work is shown as a single line item on a current AIA Document G703 - 1992, Certificate of Payment, Continuation Sheet.

9.3 APPLICATIONS FOR PAYMENT

To Subparagraph 9.3.1 add the following sentence:

The form of application for Payment, duly notarized, shall be a current authorized edition of AIA Document G702 -1992, Application and Certification for Payment, supported by a current authorized edition of AIA Document G703 - 1992, Continuation Sheet.

ARTICLE 10 - PROTECTION OF PERSONS AND PROPERTY

No changes.

ARTICLE 11 - INSURANCE AND BONDS

To Section 11.1.1, add the following:

11.1.1.1 As part of its proposal, each Bidder shall submit evidence of the following insurance coverage, and if awarded the contract, shall always during the term of the contract maintain such insurance. The insurance company(ies) providing the required insurance shall be authorized by the Ohio Department of Insurance to do business in Ohio and rated “A” or above by A. M. Best Company or equivalent. The successful Bidder shall provide a copy of the policy or policies and any necessary endorsements, or a

substitute for them satisfactory to and approved by the Owner, evidencing the required insurances upon execution of the contract.

1. Commercial General Liability Insurance, including Contractual Liability Coverage Products and Completed Operations Coverage and Broad Form Property Damage, written on an "occurrence" basis, with limited of liability not less than One Million Dollars ($1,000,000) per person/One Million Dollars ($1,000,000) per occurrence/Two Million Dollars ($2,000,000) annual aggregate, and with a deductible no greater than $25,000, covering bodily injury, personal injury, property damage and loss of use of property.

2. Business automobile liability insurance to cover each automobile, truck or other vehicle used in the performance of the Contract in an amount not less than a combined single limit of One Million Dollars ($1,000,000) for bodily injury (including death at any time occurring) and property damage per occurrence.

3. Workers' compensation and employer's liability insurance as provided under the laws of the State of Ohio.

4. Statutory unemployment insurance protection for all its employees.

5. The successful Bidder will name Greenville National Bank as additional insured on all policies, and all policies will contain a clause stating the coverage will be primary and noncontributor as respect to all work being performed for Greenville National Bank.

7. The successful Bidder will provide the Owner with no less than thirty days' written notice if the Bidder's insurance will be cancelled, non-renewed, or has any material changes in coverage.

ARTICLE 12 - UNCOVERING AND CORRECTION OF WORK
No change.

ARTICLE 13 - MISCELLANEOUS PROVISIONS

To Article 13 add the following Section 13.6:

13.6 MECHANICS LIEN LAW

13.6.1 The Owner and all Contractors will comply with the regulations and requirements of Chapter 1311 of the Ohio Revised Code. Prior to the start of construction, the Owner will file a Notice of Commencement (NOC) with the county recorder where the project is located. A copy of the NOC will be posted on the job site and copies will be given to the Original Contractors, who, in turn, must provide copies to its Subcontractors, lower tier Subcontractors, suppliers and materialmen.

ARTICLE 14 - TERMINATION OR SUSPENSION OF CONTRACT

No changes.

END OF SECTION 00 7300

SECTION 01 1000
SUMMARY

PART 1 GENERAL

1.01 PROJECT

A. Project Name: 4275.01 Greenville National Bank Renovation

B. Owner's Name: Greenville National Bank

C. Architect's Name: App Architecture, Inc..

D. Additional Project contact information is specified in Section 00 0103 - Project Directory.

E. The Project consists of the alteration of two existing Bank Office Buildings connected via an enclosed connector bridge on the second floor and other Work indicated in the Contract Documents to include, but not limited to, architectural, structural, fire protection, plumbing, heating, ventilation and air conditioning, electrical, data and communications, safety and security. The work will be completed in two phases. Abatement of ACMs will be contracted directly with the Owner.

1.02 CONTRACT DESCRIPTION

A. Contract Type: A single prime contract based on a Stipulated Price as described in Document 00 5000 - Contracting Forms and Supplements.

1.03 DESCRIPTION OF ALTERATIONS WORK

A. Scope of alterations work is indicated on drawings.

1.04 WORK BY OWNER

A. Owner will award a contract for abtement of Asbestos Containing Materials and/or lead paint which will be coordinated with the Owner and General Contractor in accordance to the phases as indicated in the Contract Documents

B. Items noted NIC (Not in Contract) will be supplied and installed by Owner before Date of Substantial Completion. Some items include:
   1. Furnishings.
   2. Small equipment
   3. Refer to construction documents for additional items..

C. Owner will supply the following for installation by Contractor:
   1. Refer to the matrices located on the drawings

1.05 OWNER OCCUPANCY

A. Owner intends to continue to occupy adjacent portions of the existing building during the entire construction period.

B. Owner intends to occupy the Project upon Substantial Completion.

C. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.

D. Schedule the Work to accommodate Owner occupancy.

1.06 CONTRACTOR USE OF SITE AND PREMISES

A. Construction Operations: Limited to areas noted on Drawings.
   1. Locate and conduct construction activities in ways that will limit disturbance to site.

B. Arrange use of site and premises to allow:

1. Owner occupancy.
2. Work by Others.
3. Work by Owner.
4. Use of site and premises by the public as indicated in Contract Documents.

C. Provide access to and from site as required by law and by Owner:
1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
2. Do not obstruct roadways, sidewalks, or other public ways without permit.

D. Time Restrictions:
1. Limit construction work to the hours of 7:00 a.m. to 5:00 p.m.
2. Weekend Hours: As approved by Owner.
3. Early Morning Hours: As approved by Owner.
4. Schedule especially noisy work outside regular business hours or on weekends. Coordinate with Owner.
5. Electrical service switch-over to be conducted outside of bank business hours and coordinated with the Owner.

E. Utility Outages and Shutdown:
1. Limit disruption of utility services to hours the building is unoccupied. Coordinate any utility and system outage with Owner at least 7 days in advance of outage.
2. Prevent accidental disruption of utility services to other facilities.
3. Electrical service switch-over to be conducted outside of bank business hours and coordinated with the Owner.

1.07 WORK SEQUENCE

A. Project Schedule:
1. 18 months (548 calendar days)

B. Construct Work in phases during the construction period: as indicated in the Contract Documents.

END OF SECTION

SECTION 02 8213
ASBESTOS SURVEY REPORT

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ADDENDUM 3

BIDDER INSTRUCTIONS FOR

ASBESTOS ABATEMENT PROJECT, GREENVILLE NATIONAL BANK & ANNEX, 466 SOUTH BROADWAY STREET, 114 WEST FOURTH STREET, GREENVILLE, OHIO 45331

Prepared for

App Architecture, Inc.
615 Woodside Drive
Englewood, Ohio 45322
(937) 733-9721

Prepared by

HELIX ENVIRONMENTAL, INC.
1 Elizabeth Place, Suite 160H
Dayton, Ohio 45417
(937) 226-0650

MAY 13, 2026

BIDDER INSTRUCTIONS FOR

ASBESTOS ABATEMENT PROJECT,
GREENVILLE NATIONAL BANK & LOAN CENTER
466 SOUTH BROADWAY STREET, 114 WEST FOURTH STREET, GREENVILLE, OHIO 45331

by

HELIX ENVIRONMENTAL, INC.
1 ELIZABETH PLACE, SUITE 160H DAYTON, OHIO 45417

INDEX TO SPECIFICATIONS Page

1.1 Background

Asbestos-containing building materials (ACBM) have been documented in the Greenville National Bank and Loan Center, 466 South Broadway Street and 114 West Fourth Street, Greenville, Ohio. The purpose of this project is to remove the identified asbestos-containing materials within the designated renovation areas, clean the work areas thoroughly, and to dispose of the waste in accordance with applicable regulations. **It is the intention of the Owner that all asbestos contamination and asbestos-containing materials be removed and cleaned up as directed, in adherence to the following specifications. In addition, the schedule for the base bid work must be strictly adhered to, since time is of the essence in this project.**

1.2 Description of Problem

Greenville National Bank wants to remove all identified asbestos-containing materials in the planned renovation areas prior to the start of renovation. Asbestos-containing materials including floor tiles and mastic have been identified in several rooms in the Basement, First Floor and Second Floor of the Bank Building and Annex. Greenville National Bank will contract with a licensed asbestos abatement contractor to remove identified materials in the renovation areas, but additional asbestos-containing materials will remain undisturbed for future site work. Asbestos-containing waste and debris from the work areas must be packaged into labeled, leak tight containers for disposal. Packaged waste must then be disposed of in approved landfills as required by current regulations. Replacement materials will be installed by other contractors under a separate contract.

1.3 General Description of Work

The purpose of this section is to present a general description of the work to be performed. It shall be the responsibility of the contractor to perform the work in accordance with the attached Section 02 82 13 - Asbestos Abatement Specifications.

1.3.1 The Contractor shall remove asbestos contamination as specified herein, from the following areas in the following phases:

Asbestos Abatement in Designated Areas – Isolate work area around identified asbestos-containing materials and potential contamination. Remove identified asbestos- containing materials using wet methods. Clean all surfaces within the work area of debris and dust using wet wiping and HEPA vacuuming and dry thoroughly. Package asbestos waste and dispose of in approved landfill.

1.3.2 Decontamination Enclosure Systems (DES) shall be installed for interior

contained work areas and approved by inspection by the industrial hygiene consultant prior to the start of remediation. HEPA-filtered Air Filtration Devices AFDs) shall be installed inside the DES, and the AFDs shall be positioned to ventilate and maintain a pressure differential of -0.020 inches w.g. (water gauge) in the DES A recording manometer will be required to continuously document the pressure differential. Alternate removal methods approved by the industrial hygiene consultant may be permitted in lieu of full containments.

1.3.3 The Contractor shall insure that all electrical power to the enclosed work area(s) has been disconnected. It shall be the responsibility of the **Contractor** to provide all electrical connections to the electrical service, to provide additional electric power as needed for the abatement, to ensure that other electrical power to the enclosed work area is disconnected and locked-out, and to visibly check the lock-out and check electrical connections with testing equipment to determine whether the electric power is off. The Contractor shall provide all temporary electrical panels for use during the project. Electrical power charges will be paid by the Owner during the contract work. The **Owner** will supply water and sewerage for the project, however the Contractor will be responsible for installation of the required backflow prevention devices for his work. If functional, the Contractor may use restroom facilities at the site, but must clean the restroom facilities on a daily basis after use. If available restroom facilities are not functional, the Contractor must provide a temporary toilet facility for use by contractor personnel during the abatement.

1.3.4 The Contractor shall clean all walls, ceilings, floors and outer equipment covers within the enclosed work area with a damp cloth (if applicable) and with a HEPA vacuum cleaner.

1.3.5 The Contractor shall thoroughly wet the ACM and remove it carefully using hand tools. The wetted debris shall be placed in double six-mil polyethylene plastic disposal bags and removed. Debris must be wetted prior to removal.

1.3.6 After all equipment and surfaces in the DES have been thoroughly cleaned, the industrial hygiene consultant shall visually inspect all surfaces in the area, and, if no visible dust or debris is found, limited encapsulation will be permitted where visible ACM has been removed, followed by thorough drying. The industrial hygiene consultant shall perform clearance sampling after the work has been completed to determine compliance with the final clearance criteria.

1.3.7 After the area passes final clearance testing, the electrical and mechanical equipment covers shall be replaced, and the DES shall be removed. If the area does not achieve the final clearance criteria, thorough wet cleaning and HEPA vacuuming shall

be required until the final clearance criteria is met. Costs for re-cleaning and re-sampling shall be borne by the Contractor.

1.4 Instructions to Bidders

1.4.1 Each bidder submitting a bid represents that he has read and understands the Request for Proposal documents, that he has visited the site and familiarized himself with the work and existing conditions under which he shall operate in performing the work, or that may affect the work, and that he shall fully comply with the work specifications. No allowance shall be made subsequently in this connection, on behalf of the Contractor, for any error or negligence on his part.

1.4.2 Information describing the work is contained in this Request for Proposal. Any questions regarding the technical work should be directed to the Certified Industrial Hygienist (CIH):

Mr. Ralph A. Froehlich, CIH, CSP,
QEP HELIX ENVIRONMENTAL,
INC.
1 Elizabeth Place, Suite 160H
Dayton, Ohio 45417 Telephone (937) 226-0650
Email: helix@helixenv.com Fax (937) 226-0653

Any questions regarding contractual matters should be directed to the
Owner: Ms. Marianne Weber, AIA,ACHA, EDAC
APP ARCHITECTURE, INC.
615 Woodside Drive
Englewood, Ohio 45322 Telephone: (937) 836-8898
Email marianne.weber@app-arch.com

1.4.3 Bidders shall promptly notify the Owner's Representatives of any ambiguity, inconsistency, or error in the bidding documents prior to submitting a bid for the work. No allowance shall be made subsequently in this connection, on behalf of the Contractor, for any error or negligence on his part.

1.4.4 Bids shall be submitted on a form identical to the form attached to this Request for Proposal.

1.4.5 **Bids are due at App Architecture, Inc. at the above address by** 2 pm **on TUESDAY, JUNE 9, 2026. Electronic bids are acceptable, and a copy of the bid must**

be provided by fax or email to Helix Environmental, Inc. at the above address.

1.4.6 The prospective contractor shall submit the identities of insurance carriers and subcontractors proposed for use in the performance of the project as part of the Proposal.

1.4.7 The proposal submitted shall be a lump sum amount for the base bid work in the identified work areas, priced in strict accordance with the Request for Proposal documents. The proposal shall not contain any recapitulations of the work to be done. The proposal shall contain the legal signature of the bidder. No oral, telegraphic or telephonic proposals will be received or recognized. Prevailing wages are not required for this project. It is the Owner's intention to award a single contract for each project.

1.4.8 The prospective contractors are invited to propose cost-effective alternates in addition to the base bid.

1.5 Meetings

1.5.1 Prospective contractors may attend an optional **Pre-Bid Meeting at 10:00 am, Wednesday, MAY 20, 2026 at Greenville National Bank, 466 South Broadway Street, Greenville, Ohio**. The Pre-bid Meeting and any further site visits will be borne at each contractor's own expense. No adjustments will be made to the bid price or procedures due to the failure of the contractor to adequately inspect the worksite.

1.5.2 A preabatement meeting shall be held on site before the scheduled work is to begin. The Contractor, Owner's Representative and CIH or their designated representatives shall be in attendance. The Contractor shall submit written documentation required by the specifications and the appropriate insurance certificates at this meeting.

1.5.3 Additional work meetings shall be scheduled by the Owner's Representative during the course of the project, as needed, to ensure appropriate communication with the building owner's representative and the renovation general contractor.

1.6 Work Schedule

The abatement project should be completed within 50 working days of project commencement. The work shall be performed during regular weekday hours, starting no earlier than 7:00 a.m. and ending by 4:00 p.m., Monday through Friday. Completion of the work means that all cleaning must be complete and all Contractor personnel must vacate the premises at the end of each workday. Extended hours or

weekend work shall be permitted only with prior approval from the Owner. Remediation work for the Base Bid shall be performed starting in accordance with the schedule. A penalty clause shall require the contractor to pay the owner $900.00 per calendar day that the Contractor exceeds the agreed completion dates due to no fault of the Owner, to defray the additional costs of project monitoring and delays for the demolition contractor.

1.7 Insurance Schedule

The selected bidder shall submit written evidence three (3) days before the start of work that the following insurance coverage has been obtained with Greenville National Bank, App Architecture, and Helix Environmental, Inc. added as Additional Insured.

1.7.1 Worker's Compensation - Statutory

1.7.2 Comprehensive General Liability

- Bodily Injury and Property

Damage

Each Occurrence $1,000,000, Aggregate $3,000,000

1.7.3 Comprehensive Automobile Liability

Bodily Injury
Each Occurrence $1,000,000, Aggregate $1,000,000

Property Damage
Each Occurrence $500,000, Aggregate $500,000

1.7.4 Asbestos Abatement General Liability -
Occurrence Coverage
Combined Single Limit $1,000,000

1.7.5 All insurance coverage shall be underwritten by companies acceptable to the Owner in its sole discretion and determination. In the event that presented coverage is not acceptable to the Owner, the selected bidder shall have three (3) additional business days to obtain such insurance acceptable to the Owner. In the event that the selected bidder is unable to present such insurance acceptable to the Owner, then the Owner's acceptance of any bid is voidable at the Owner's option without any obligation to the selected bidder.

1.7.6 **The Owner, Architect and Helix Environmental, Inc. shall be named by the insurance company as additionally insured with the Contractor.**

1.8 Specifications

The work specifications for asbestos abatement are included in Section 2 - Asbestos Abatement Specifications. A contract using AIA Document A107 shall be executed, including the General Conditions, upon acceptance of a bid for the work.

1.9 Conditions of Bid

1.9.1 The parties understand and agree that the Owner, CIH, and Contractor are all independent contractors. The Owner has contracted with the CIH on the basis of representations made by the CIH that, by virtue of education and experience, the CIH is competent in the process of asbestos abatement, and the oversight thereof. The Owner is hereby relying on the expertise of the CIH in the selection of a qualified contractor, the oversight of the abatement process, the monitoring and testing of the abatement process, and the safe performance and satisfactory results of the project. The CIH is relying on the certifications and representations made by the Contractor as a basis for the selection of the Contractor.

1.9.2 The Owner, CIH, and all bidders understand and acknowledge that all bids advanced pursuant to this Request for Proposal are to be construed merely as offers to perform the specified work under the terms of the bid and this document. Such bids do not vest in the bidder any present or prospective contractual rights. The Owner, in its sole discretion but in reliance upon the advice and counsel of the CIH, retains the right to reject, refuse, or ignore any and all bids, or to accept any bid to the exclusion of all others.

1.9.3 All Drawings, Specifications, Addenda and other data furnished, even though paid for by the bidder, must be returned when requested.

PROPOSALS SHALL BE SUBMITTED
IN THIS FORM ONLY.

_____
Name of Contractor

_____
Corporation, Partnership, Individual
A corporation under the laws of the
State of _____

_____
Address

_____
City, State Zip code

_____
Date

PROPOSAL
ON A LUMP SUM BASIS FOR

ASBESTOS ABATEMENT PROJECT,
GREENVILLE NATIONAL BANK & LOAN
CENTER, 466 SOUTH BROADWAY STREET &
114 WEST FOURTH STREET,
GREENVILLE, OHIO

APP ARCHITECTURE
615 Woodside Drive
Englewood, Ohio 45322

Dear Sirs or Madams:

Herewith is the requested Proposal.

The undersigned, having visited the site and carefully examined the Instructions to Bidders and Request for Proposal documents, including General Requirements, Asbestos Removal Specifications, and Addenda, hereby propose to furnish all materials and labor called for by them for the Asbestos Removal Project, in accordance with said documents, inclusive for the Work Area for:

_____Dollars ($_____).

The Project Base Bid work shall be completed on or before the agreed completion date or a noncompliance penalty of $900.00 per calendar day shall be paid by the Contractor to the Owner.

The following alternates are also proposed for your consideration:

Mandatory Alternate Bid 1: (describe) Remove Asbestos-Containing Hard Pipe Fitting Insulation . Add $ _____ per 1 SF fitting.

Mandatory Alternate Bid 2:(describe) Do not Abate fibrous acoustical plaster remnant Strip on perimeter of First Floor of Bank Building in Phases 1 & 2 Deduct $_____.

Alternate Bid 3: (describe) _____ Add $ _____ Deduct $_____.
_____.
_____.

Additional Alternate Bid 4: (describe) _____ Add $ _____ Deduct $_____.
_____.
_____.

It is understood and agreed that the proposal submitted is based on furnishing "Standards" as specified and entitles the Owner to require that such named materials and methods be incorporated in the work, except as Substitutions for same based on the supplementary quotations entered above, are accepted and subsequently made a part of the written Contract.

It is also understood and agreed that the Owner reserves the right to exercise all, some or none of the described alternates. Extra work and changes in the work not called for in the Contract Documents shall be performed only on written authorization from the Owner. The Contractor shall be paid for the extra work and changes so authorized in writing and as agreed upon by the Owner and the Contractor.

The undersigned further agrees to submit the following list of additional Subcontractors for review by the Owner, and from such list, a mutually agreeable list of Subcontractors shall be selected and agreed upon before any award is made. Finally, the undersigned proposes to provide the required insurance coverage by the following listed insurance carriers, for review by the Owner.

_____
Name of Contractor

_____
Signature of Officer or Partner

_____
Title of Officer or Partner

Proposed Subcontractors	Proposed Insurance Carriers
_____	_____
_____	_____

SECTION 08 1113
HOLLOW METAL DOORS AND FRAMES

PART 1 GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SUMMARY

A. Section Includes:
1. Standard and custom hollow metal doors and frames.
2. Steel sidelight, borrowed lite and transom frames.
3. Light frames and glazing installed in hollow metal doors.

B. Related Sections:
1. Division 01 Section "General Conditions”.
2. Division 06 Section “Rough Carpentry”.
3. Division 08 Section “Door Schedule”.
4. Division 08 Section “Flush Wood Doors”.
5. Division 08 Section “Aluminum-Framed Entrances and Storefronts”.
6. Division 08 Section "Glazing".
7. Division 08 Section "Door Hardware”.
8. Division 09 Sections "Painting".
9. Division 26 Section "Electrical”

C. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
1. ANSI/SDI A250.8 - Recommended Specifications for Standard Steel Doors and Frames.
2. ANSI/SDI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors, Frames, Frames Anchors and Hardware Reinforcing.
3. ANSI/SDI A250.6 - Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames.
4. ANSI/SDI A250.10 - Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames.
5. ANSI/SDI A250.11 - Recommended Erection Instructions for Steel Frames.
6. ASTM A1008 - Standard Specification for Steel Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability.
7. ASTM A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
8. ASTM A924 - Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
9. SDI-113 Standard Practice for Determining the Steady-State Thermal Transmittance of Steel Door & Frame Assemblies.
10. ASTM C1363 - Standard Test Method for Thermal Performance of Building Assemblies by Means of a Hot Box Apparatus.
11. ASTM C1199 - Standard Test Method for Measuring the Steady-State Thermal Transmittance of Fenestration Systems Using Hot Box Methods
12. ASTM E1423 - Practice for Determining Steady State Thermal Transmittance of Fenestration Systems.
13. ASTM E283 - Standard Test Method for Determining Rate of Air Leakage Through Exterior Doors Under Specified Pressure Differences Across the Specimens.

14. ASTM E1332 - Standard Classification for Determination of Outdoor-Indoor Transmission Class.
15. ANSI/BHMA A156.115 - Hardware Preparation in Steel Doors and Frames.
16. ANSI/SDI 122 - Installation and Troubleshooting Guide for Standard Steel Doors and Frames.
17. ANSI/NFPA 80 - Standard for Fire Doors and Fire Windows; National Fire Protection Association.
18. ANSI/NFPA 105: Standard for the Installation of Smoke Door Assemblies.
19. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies; National Fire Protection Association.
20. NFRC 102 - Procedure for Measuring the Steady State Thermal Transmittance of Fenestration Systems.
21. NFRC 400 - Procedure for Determining Fenestration Product Air Leakage.
22. UL 10C - Positive Pressure Fire Tests of Door Assemblies.
23. UL 1784 - Standard for Air Leakage Tests of Door Assemblies.

1.03 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, core descriptions, hardware reinforcements, profiles, anchors, fire-resistance rating, and finishes.

B. Door hardware supplier is to furnish templates, template reference number and/or physical hardware to the steel door and frame supplier in order to prepare the doors and frames to receive the finish hardware items.

C. Shop Drawings: Include the following:
   1. Elevations of each door design.
   2. Details of doors, including vertical and horizontal edge details and metal thicknesses.
   3. Frame details for each frame type, including dimensioned profiles and metal thicknesses.
   4. Locations of reinforcement and preparations for hardware.
   5. Details of anchorages, joints, field splices, and connections.
   6. Details of accessories.
   7. Details of moldings, removable stops, and glazing.
   8. Details of conduit and preparations for power, signal, and control systems.

D. Samples for Verification:
   1. Samples are only required by request of the architect and for manufacturers that are not current members of the Steel Door Institute.

1.04 QUALITY ASSURANCE

A. Source Limitations: Obtain hollow metal doors and frames through one source from a single manufacturer wherever possible.

B. Quality Standard: In addition to requirements specified, furnish SDI-Certified manufacturer products that comply with ANSI/SDI A250.8, latest edition, "Recommended Specifications for Standard Steel Doors and Frames".

C. Fire-Rated Door Assemblies: Assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to UL 10C (neutral pressure at 40” above sill) or UL 10C.
   1. Oversize Fire-Rated Door Assemblies Construction: For units exceeding sizes of tested assemblies, attach construction label certifying doors are built to standard construction requirements for tested and labeled fire rated door assemblies except for size.

2. Temperature-Rise Limit: Where indicated and at vertical exit enclosures (stairwell openings) and exit passageways, provide doors that have a maximum transmitted temperature end point of not more than 450 deg F (250 deg C) above ambient after 30 minutes of standard fire-test exposure.
3. Smoke Control Door Assemblies: Comply with NFPA 105.
   a. Smoke "S" Label: Doors to bear “S” label, and include smoke and draft control gasketing applied to frame and on meeting stiles of pair doors.

D. Fire-Rated, Borrowed-Light Frame Assemblies: Assemblies complying with NFPA 80 that are listed and labeled, by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire-protection ratings indicated, based on testing according to NFPA 257. Provide labeled glazing material.

E. Energy Efficient Exterior Openings: Comply with minimum thermal ratings, based on SDI-113, ASTM C1363, ASTM C1199 and ASTM E1423. Openings to be fabricated and tested as fully operable, thermal insulating door and frame assemblies.
1. Thermal Performance (Exterior Openings): Independent testing laboratory certification for exterior door assemblies being tested in accordance with SDI-113, ASTM C1363, ASTM C1199 and ASTM E143 and meet or exceed the following requirements:
   a. Door Assembly Operable U-Factor and R-Value Ratings: U-Factor 0.34, R-Value 2.92, including insulated door, thermal-break frame and threshold.
2. Air Infiltration (Exterior Openings): Independent testing laboratory certification for exterior door assemblies being tested in accordance with ASTM E283 to meet or exceed the following requirements:
   a. Rate of leakage of the door assembly shall not exceed 0.25 cfm per square foot of static differential air pressure of 1.567 psf (equivalent to 25 mph wind velocity).

F. Pre-Submittal Conference: Conduct conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier, Installer, and Contractor to review proper methods and procedures for installing hollow metal doors and frames and to verify installation of electrical knockout boxes and conduit at frames with electrified or access control hardware.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Deliver hollow metal work palletized, wrapped, or crated to provide protection during transit and Project site storage. Do not use non-vented plastic.

B. Deliver welded frames with two removable spreader bars across bottom of frames, tack welded to jambs and mullions.

C. Store hollow metal work under cover at Project site. Place in stacks of five units maximum in a vertical position with heads up, spaced by blocking, on minimum 4-inch high wood blocking. Do not store in a manner that traps excess humidity.
1. Provide minimum 1/4-inch space between each stacked door to permit air circulation. Door and frames to be stacked in a vertical upright position.

1.06 PROJECT CONDITIONS

A. Field Measurements: Verify actual dimensions of openings by field measurements before fabrication.

1.07 COORDINATION

A. Coordinate installation of anchorages for hollow metal frames. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors. Deliver such items to Project site in time for installation.

B. Building Information Modeling (BIM) Support: Utilize designated BIM software tools and obtain training needed to successfully participate in the Project BIM processes. All technical disciplines are responsible for the product data integration and data reliability of their Work into the coordinated BIM applications.

1.08 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace doors that fail in materials or workmanship within specified warranty period.

B. Warranty includes installation and finishing that may be required due to repair or replacement of defective doors.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide steel doors and frames from a SDI Certified manufacturer:
1. CECO Door Products (C).
2. Curries Company (CU).
3. Steelcraft by Allegion.

2.02 MATERIALS

A. Cold-Rolled Steel Sheet: ASTM A1008/A1008M, Commercial Steel (CS), Type B; suitable for exposed applications.

B. Metallic-Coated Steel Sheet: ASTM A653/A653M, Commercial Steel (CS), Type B; with minimum G60 (Z180) or A60 (ZF180) metallic coating.

C. Frame Anchors: ASTM A653/A653M, Commercial Steel (CS), Commercial Steel (CS), Type B; with minimum G60 (Z180) or A60 (ZF180) metallic coating.

2.03 HOLLOW METAL DOORS

A. General: Provide 1-3/4 inch (44 mm) doors of design indicated, not less than thickness indicated; fabricated with smooth surfaces, without visible joints or seams on exposed faces unless otherwise indicated. Comply with ANSI/SDI A250.8 and ANSI/NAAMM HMMA 867.

B. Exterior Doors: Face sheets fabricated of commercial quality hot-dipped zinc coated steel that complies with ASTM A653/A653M, Coating Designation A60. Provide doors complying with requirements indicated below by referencing ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:
1. Design: Flush panel.
2. Core Construction: Manufacturer’s thermally enhanced QMax core. Where indicated provide doors fabricated as thermal-rated assemblies with a minimum thermal rating of 0.35 (0.35)/hr-ft2-F.
3. Level/Model: Level 3 and Physical Performance Level A (Extra Heavy Duty), Minimum 16 gauge (0.053-inch - 1.3-mm) thick steel, Model 2.
4. Top and Bottom Edges: Reinforce tops and bottoms of doors with a continuous steel channel not less than 16 gauge, extending the full width of the door and welded to the face sheet. Doors with an inverted top channel to include a steel closure channel, screw attached, with the web of the channel flush with the face sheets of the door. Plastic or composite channel fillers are not acceptable.
5. Hinge Reinforcement: Minimum 7 gauge (3/16") plate 1-1/4" x 9" or minimum 14 gauge continuous channel with pierced holes, drilled and tapped.
6. Hardware Reinforcements: Fabricate according to ANSI/SDI A250.6 with reinforcing plates from same material as door face sheets.

C. Interior Doors: Face sheets fabricated of commercial quality cold rolled steel that complies with ASTM A1008/A1008M. Provide doors complying with requirements indicated below by referencing ANSI/SDI A250.8 for level and model and ANSI/SDI A250.4 for physical performance level:
   1. Design: Flush panel.
   2. Core Construction: Manufacturer's standard kraft-paper honeycomb, or one-piece polystyrene core, securely bonded to both faces.
      a. Fire Door Core: As required to provide fire-protection and temperature-rise ratings indicated.
   3. Level/Model: Level 2 and Physical Performance Level B (Heavy Duty), Minimum 18 gauge (0.042-inch - 1.0-mm) thick steel, Model 2.
   4. Top and Bottom Edges: Reinforce tops and bottoms of doors with a continuous steel channel not less than 16 gauge, extending the full width of the door and welded to the face sheet.
   5. Hinge Reinforcement: Minimum 7 gauge (3/16") plate 1-1/4" x 9" or minimum 14 gauge continuous channel with pierced holes, drilled and tapped.
   6. Hardware Reinforcements: Fabricate according to ANSI/SDI A250.6 with reinforcing plates from same material as door face sheets.

D. Manufacturers Basis of Design:
   1. Curries Company (CU) - Polystyrene Core - 707 Series.
   2. Curries Company (CU) - QMax Core - 707 Series.

2.04 HOLLOW METAL FRAMES

A. General: Comply with ANSI/SDI A250.8 and with details indicated for type and profile.

B. Thermal Break Frames: Subject to the same compliance standards and requirements as standard hollow metal frames. Tested for thermal performance in accordance with NFRC 102, and resistance to air infiltration in accordance with NFRC 400. Where indicated provide thermally broken frame profiles available for use in both masonry and drywall construction. Fabricate with 1/16” positive thermal break and integral vinyl weatherstripping.

C. Exterior Frames: Fabricated of hot-dipped zinc coated steel that complies with ASTM A653/A653M, Coating Designation A60.
   1. Fabricate frames with mitered or coped corners. Profile as indicated on drawings.
   2. Frames: Minimum 14 gauge (0.067-inch -1.7-mm) thick steel sheet.
   3. Manufacturers Basis of Design:
      a. Curries Company (CU) - Series.
      b. Curries Company (CU) - Mercury 3 Thermal Break TQ Series.

D. Interior Frames: Fabricated from cold-rolled steel sheet that complies with ASTM A1008/A1008M.
   1. Fabricate frames with mitered or coped corners. Profile as indicated on drawings.
   2. Frames: Minimum 16 gauge (0.053-inch -1.3-mm) thick steel sheet.
   3. Manufacturers Basis of Design:
      a. Curries Company (CU) - CM Series.
      b. Curries Company (CU) - M Series.

E. Fire rated frames: Fabricate frames in accordance with NFPA 80, listed and labeled by a qualified testing agency, for fire-protection ratings indicated.

F. Hardware Reinforcement: Fabricate according to ANSI/SDI A250.6 Table 4 with reinforcement plates from same material as frames.

2.05 FRAME ANCHORS

A. Jamb Anchors:
   1. Masonry Type: Adjustable strap-and-stirrup or T-shaped anchors to suit frame size, formed from A60 metallic coated material, not less than 0.042 inch (1.07 mm) thick, with corrugated or perforated straps not less than 2 inches (50.8 mm) wide by 10 inches (254 mm) long; or wire anchors not less than 0.177 inch (4.5 mm) thick.

2. Existing Masonry Type: Provide steel pipe spacers welded to plate reinforcing at jamb stops or hat shaped formed strap spacers welded to jamb near the stop. Drill jamb stop and strap spacers for flat head bolts to pass through frame and spacers.
3. Stud Wall Type: Designed to engage stud and not less than 0.042 inch (1.07 mm) thick.

B. Floor Anchors: Floor anchors to be provided at each jamb, formed from A60 metallic coated material, not less than 0.042 inches (1.07 mm) thick.

C. Mortar Guards: Formed from same material as frames, not less than 0.016 inches (0.41 mm) thick.

2.06 LIGHT OPENINGS AND GLAZING

A. Stops and Moldings: Provide stops and moldings around glazed lites where indicated. Form corners of stops and moldings with butted or mitered hairline joints at fabricator's shop. Fixed and removable stops to allow multiple glazed lites each to be removed independently. Coordinate frame rabbet widths between fixed and removable stops with the type of glazing and installation indicated.

B. Moldings for Glazed Lites in Doors and Loose Stops for Glazed Lites in Frames: Minimum 20 gauge thick, fabricated from same material as door face sheet in which they are installed.

C. Fixed Frame Moldings: Formed integral with hollow metal frames, a minimum of 5/8 inch (15.88 mm) high unless otherwise indicated. Provide fixed frame moldings and stops on outside of exterior and on secure side of interior doors and frames.

D. Preformed Metal Frames for Light Openings: Manufacturer's standard frame formed of 0.048-inch-thick, cold rolled steel sheet; with baked enamel or powder coated finish; and approved for use in doors of fire protection rating indicated. Match pre-finished door paint color where applicable.

2.07 ACCESSORIES

A. Mullions and Transom Bars: Join to adjacent members by welding or rigid mechanical anchors.

B. Grout Guards: Formed from same material as frames, not less than 0.016 inches (0.41 mm) thick.

2.08 FABRICATION

A. Fabricate hollow metal work to be rigid and free of defects, warp, or buckle. Accurately form metal to required sizes and profiles, with minimum radius for thickness of metal. Where practical, fit and assemble units in manufacturer's plant. When shipping limitations so dictate, frames for large openings are to be fabricated in sections for splicing or splining in the field by others.

B. Tolerances: Fabricate hollow metal work to tolerances indicated in ANSI/SDI A250.8.

C. Hollow Metal Doors:
1. Exterior Doors: Provide optional weep-hole openings in bottom of exterior doors to permit moisture to escape where specified.
2. Glazed Lites: Factory cut openings in doors with applied trim or kits to fit. Factory install glazing where indicated.
3. Astragals: Provide overlapping astragals as noted in door hardware sets in Division 08 Section "Door Hardware" on one leaf of pairs of doors where required by NFPA 80 for fire-performance rating or where indicated. Extend minimum 3/4 inch (19.05 mm) beyond edge of door on which astragal is mounted.
4. Continuous Hinge Reinforcement: Provide welded continuous 12 gauge strap for continuous hinges specified in hardware sets in Division 08 Section "Door Hardware".
5. Electrical Raceways: Provide hollow metal doors to receive electrified hardware with concealed wiring harness and standardized Molex™ plug connectors on both ends to accommodate up to twelve wires. Coordinate connectors on end of the wiring harness to plug directly into the electrified hardware and the through-wire transfer hardware or wiring harness specified in hardware sets in Division 08 Sections "Door Hardware" and "Access Control Hardware". Wire nut connections are not acceptable.

D. Hollow Metal Frames:
   1. Shipping Limitations: Where frames are fabricated in sections due to shipping or handling limitations, provide alignment plates or angles at each joint, fabricated of same thickness metal as frames.
   2. Welded Frames: Weld flush face joints continuously; grind, fill, dress, and make smooth, flush, and invisible.
      a. Welded frames are to be provided with two steel spreaders temporarily attached to the bottom of both jambs to serve as a brace during shipping and handling. Spreader bars are for bracing only and are not to be used to size the frame opening.
   3. Sidelight and Transom Bar Frames: Provide closed tubular members with no visible face seams or joints, fabricated from same material as door frame. Fasten members at crossings and to jambs by butt welding.
   4. High Frequency Hinge Reinforcement: Provide high frequency hinge reinforcements at door openings 48-inches and wider with mortise butt type hinges at top hinge locations.
   5. Continuous Hinge Reinforcement: Provide welded continuous 12 gauge straps for continuous hinges specified in hardware sets in Division 08 Section "Door Hardware".
   6. Provide countersunk, flat- or oval-head exposed screws and bolts for exposed fasteners unless otherwise indicated for removable stops, provide security screws at exterior locations.
   7. Mortar Guards: Provide guard boxes at back of hardware mortises in frames at all hinges and strike preps regardless of grouting requirements.
   8. Electrical Knock Out Boxes: Factory weld 18 gauge electrical knock out boxes to frame for electrical hardware preps; including but not limited to, electric through wire transfer hardware, electrical raceways and wiring harnesses, door position switches, electric strikes, magnetic locks, and jamb mounted card readers as specified in hardware sets in Division 08 Sections "Door Hardware" and "Access Control Hardware".
      a. Provide electrical knock out boxes with a dual 1/2-inch and 3/4-inch knockouts.
      b. Conduit to be coordinated and installed in the field (Division 26) from middle hinge box and strike box to door position box.
      c. Electrical knock out boxes to comply with NFPA requirements and fit electrical door hardware as specified in hardware sets in Division 08 Section "Door Hardware".
      d. Electrical knock out boxes for continuous hinges should be located in the center of the vertical dimension on the hinge jamb.
   9. Floor Anchors: Weld anchors to bottom of jambs and mullions with at least four spot welds per anchor.
   10. Jamb Anchors: Provide number and spacing of anchors as follows:
      a. Masonry Type: Locate anchors not more than 18 inches (457.2 mm) from top and bottom of frame. Space anchors not more than 32 inches (812.8 mm) on-center and as follows:
         1) Two anchors per jamb up to 60 inches (1524 mm) high.
         2) Three anchors per jamb from 60 to 90 inches (2286 mm) high.
         3) Four anchors per jamb from 90 to 120 inches (3048 mm) high.
         4) Four anchors per jamb plus 1 additional anchor per jamb for each 24 inches (609.6 mm) or fraction thereof above 120 inches (3048 mm) high.
      b. Stud Wall Type: Locate anchors not more than 18 inches (457.2 mm) from top and bottom of frame. Space anchors not more than 32 inches (812.8 mm) o.c. and as follows:
         1) Three anchors per jamb up to 60 inches (1524 mm) high.
         2) Four anchors per jamb from 60 to 90 inches (2286 mm) high.
         3) Five anchors per jamb from 90 to 96 inches (2438.4 mm) high.
         4) Five anchors per jamb plus 1 additional anchor per jamb for each 24 inches (609.6 mm) or fraction thereof above 96 inches (2438.4 mm) high.
         5) Two anchors per head for frames above 42 inches (1066.8 mm) wide and mounted in metal stud partitions.

11. Door Silencers: Except on weatherstripped or gasketed doors, drill stops to receive door silencers. Silencers to be supplied by frame manufacturer regardless if specified in Division 08 Section "Door Hardware".
12. Bituminous Coating: Where frames are fully grouted with an approved Portland Cement based grout or mortar, coat inside of frame throat with a water based bituminous or asphaltic emulsion coating to a minimum thickness of 3 mils (0.0762 mm) DFT, tested in accordance with UL 10C and applied to the frame under a 3rd party independent follow-up service procedure.

E. Hardware Preparation: Factory prepare hollow metal work to receive template mortised hardware; include cutouts, reinforcement, mortising, drilling, and tapping according to the Door Hardware Schedule and templates furnished as specified in Division 08 Section "Door Hardware."
1. Locate hardware as indicated, or if not indicated, according to ANSI/SDI A250.8.
2. Reinforce doors and frames to receive non-template, mortised and surface mounted door hardware.
3. Comply with applicable requirements in ANSI/SDI A250.6 and ANSI/DHI A115 Series specifications for preparation of hollow metal work for hardware.
4. Coordinate locations of conduit and wiring boxes for electrical connections with Division 26 Sections.

2.09 STEEL FINISHES

A. Prime Finishes: Doors and frames to be cleaned, and chemically treated to insure maximum finish paint adhesion. Surfaces of the door and frame exposed to view to receive a factory applied coat of rust inhibiting shop primer.
1. Shop Primer: Manufacturer's standard, fast-curing, lead and chromate free primer complying with ANSI/SDI A250.10 acceptance criteria; recommended by primer manufacturer for substrate; and compatible with substrate and field-applied coatings.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. General Contractor to verify the accuracy of dimensions given to the steel door and frame manufacturer for existing openings or existing frames (strike height, hinge spacing, hinge back set, etc.).

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Remove welded in shipping spreaders installed at factory. Restore exposed finish by grinding, filling, and dressing, as required to make repaired area smooth, flush, and invisible on exposed faces.

B. Prior to installation, adjust and securely brace welded hollow metal frames for square, level, twist, and plumb condition.

C. Tolerances shall comply with SDI 117 "Manufacturing Tolerances Standard Steel Doors and Frames."

D. Drill and tap doors and frames to receive non-template, mortised, and surface-mounted door hardware.

E. Verify tolerances against manufacturers installations instructions for tornado and hurricane storm shelter openings.

3.03 INSTALLATION

A. General: Install hollow metal work plumb, rigid, properly aligned, and securely fastened in place; comply with Drawings and manufacturer's written instructions.

B. Hollow Metal Frames: Install hollow metal frames of size and profile indicated. Comply with ANSI/SDI A250.11 and NFPA 80 at fire rated openings.
   1. Set frames accurately in position, plumbed, leveled, aligned, and braced securely until permanent anchors are set. After wall construction is complete and frames properly set and secured, remove temporary braces, leaving surfaces smooth and undamaged. Shim as necessary to comply with installation tolerances.
   2. Floor Anchors: Provide floor anchors for each jamb and mullion that extends to floor, and secure with post-installed expansion anchors.
   3. Masonry Walls: Coordinate installation of frames to allow for solidly filling space between frames and masonry with mortar.
   4. Grout Requirements: Do not grout head of frames unless reinforcing has been installed in head of frame. Do not grout vertical or horizontal closed mullion members.

C. Hollow Metal Doors: Fit hollow metal doors accurately in frames, within clearances specified below. Shim as necessary.
   1. Non-Fire-Rated Standard Steel Doors:
      a. Jambs and Head: 1/8 inch (3.18 mm) plus or minus 1/16 inch (1.59 mm).
      b. Between Edges of Pairs of Doors: 1/8 inch (3.18 mm) plus or minus 1/16 inch (1.59 mm).
      c. Between Bottom of Door and Top of Threshold: Maximum 3/8 inch (9.52 mm).
      d. Between Bottom of Door and Top of Finish Floor (No Threshold): Maximum 3/4 inch (19.05 mm).
   2. Fire-Rated Doors: Install doors with clearances according to NFPA 80.

D. Field Glazing: Comply with installation requirements in Division 08 Section "Glazing" and with hollow metal manufacturer's written instructions.

3.04 ADJUSTING AND CLEANING

A. Final Adjustments: Check and readjust operating hardware items immediately before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work, including hollow metal work that is warped, bowed, or otherwise unacceptable.

B. Remove grout and other bonding material from hollow metal work immediately after installation.

C. Prime-Coat and Painted Finish Touchup: Immediately after erection, sand smooth rusted or damaged areas of prime coat, or painted finishes, and apply touchup of compatible air drying, rust-inhibitive primer, zinc rich primer (exterior and galvanized openings) or finish paint.

END OF SECTION

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SECTION 10 1419
DIMENSIONAL LETTER SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Dimensional letter signage.

B. Panel Sign with owner supplied graphic.

1.02 REFERENCE STANDARDS

A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.

B. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

C. UL 879 - Electric Sign Components; Current Edition, Including All Revisions.

1.03 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements for submittal procedures.

B. Product Data: Manufacturer's product literature for each type of dimensional letter sign, indicating style, font, colors, locations, and overall dimensions of each sign.

C. Shop Drawings:
   1. Include dimensions, locations, elevations, materials, text and graphic layout, and attachment details.

D. Samples: Submit one sample of each type of dimensional letter sign of size similar to that required for project, indicating sign style, font, and method of attachment.

E. Verification Samples: Submit samples showing colors and finishes specified.

F. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

G. Manufacturer's qualification statement.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Package dimensional letter signs as required to prevent damage before installation.

B. Store under cover and elevated above grade.

1.06 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace components of signs that fail in magerials or workmandship within specified warranty period .
   1. Failures include but are not limited to the following:
      a. Deterioration of finishes beyond normal weathering.
      b. Separation or delamination of sheet materials and components.
   2. Warranty Period: For the life of the busines..

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Dimensional Letter Signs:
1. Ace Sign Systems, Inc.: www.acesign.com.
2. ASI Signage Innovations: www.asisignage.com
3. Best Signs Systems: www.bestsigns.com
4. FASTSIGNS International, Inc: www.fastsigns.com.
5. Ellet Sign Company
6. Substitutions: See Section 01 6000 - Product Requirements.

2.02 DIMENSIONAL LETTERS AND SHAPES

A. Applications: Building identification and logos.
1. Use individual metal letters and shapes.
2. Mounting Location: Interior as indicated on drawings.

B. Metal Letters:
1. Material: Aluminum sheet, fabricated reverse channel.
2. Thickness: 1/8 inch minimum (3 mm).
3. Letter Height: As indicated on drawings.
4. Letter Depth: As indicated on drawings.
5. Shapes: As indicated on drawings.
6. Text and Typeface:
a. Character Font: As indicated on drawings..
7. Finish: Baked-Enamel or Powder-Coat Finish.
8. Color: As indicated on drawings.
9. Mounting: Concealed, painted aluminum back bar or bracket assembly.
a. Hold characters at 1-inch from wall surface.

2.03 PANEL SIGN WITH OWNER SUPPLIED GRAPHIC

A. Applications: Building identification.

B. Solid Sheet Sign And Returns:
1. Material: Aluminum sheet, fabricated reverse channel.
2. Thickness: 1/8 inch minimum (3 mm).
3. Sign Depth: As indicated on drawings.
4. Surface Applied, Flat Graphics: Applied acrylic polyurethene paint and vinyl graphics.
a. Baked-Enamel or Powder-Coat Finish and Graphics: Manufacturer's standard, in color matching Owner's Branding Standards.
b. Overcoat: Manufacturer's standard baked-on clear coating.
5. Mounting: Concealed, painted aluminum back bar or bracket assembly.
6. Illumination System: Halo-lit.
a. Provide products that are listed and labeled as complying with UL 879, where applicable.
b. Power: As indicated on Drawings.

2.04 ACCESSORIES

A. Concealed Screws: Noncorroding metal; stainless steel, galvanized steel, chrome plated, or other.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are ready to receive work.

3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install with horizontal edges level.

C. Locate dimensional letter signs and mount at heights indicated on drawings.

END OF SECTION

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SECTION 14 2400
HYDRAULIC ELEVATORS

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes: Hydraulic elevators.

B. Related Requirements:
   1. Section 01 5000 "Temporary Facilities and Controls" for temporary use of elevators for construction purposes.
   2. Section 03 3000 "Cast-in-Place Concrete" for setting sleeves, inserts, and anchoring devices in concrete.
   3. Section 04 2000 "Unit Masonry" for setting sleeves, inserts, and anchoring devices in masonry and for grouting elevator entrance frames installed in masonry walls.
   4. Section 05 1200 "Structural Steel Framing" for the following:
      a. Attachment plates, angle brackets, and other structural-steel preparations for fastening guide-rail brackets.
      b. Hoist beams.
      c. Structural-steel shapes for subsills that are part of steel frame.
   5. Section "09 6500 Resilient Flooring" for finish flooring in elevator cars.
   6. Plumbing Drawings for sump pumps, sumps, and sump covers in elevator pits.
   7. Electrical Drawings for communications pathways and rough-ins to the controller.
   8. Electrical Drawings for detectors for elevator recall.
   9. Architectural Drawings for pit ladder.
   10. Architectural Drawings and specification notes for excavating well hole to accommodate cylinder assembly and for the disposition of excavated material from the cylinder well hole.

1.02 DEFINITIONS

A. Definitions in ASME A17.1/CSA B44 apply to work of this Section.

1.03 REFERENCE STANDARDS

A. 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; 2025.

B. ASTM A240/A240M - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications; 2025a.

C. ASTM A276/A276M - Standard Specification for Stainless Steel Bars and Shapes; 2025.

D. ASTM A480/A480M - Standard Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip; 2025b.

E. ASTM A554 - Standard Specification for Welded Stainless Steel Mechanical Tubing; 2021.

F. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable; 2025.

G. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2025.

H. ASTM B135/B135M - Standard Specification for Seamless Brass Tube; 2026.

I. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2021.

1.04 ACTION SUBMITTALS

A. Product Data: Hydraulic elevators.

B. Product Data Submittals: Include capacities, sizes, performances, operations, safety features, finishes, and similar information. Include product data for car enclosures; hoistway entrances; and operation, control, and signal systems.

C. Shop Drawings:
1. Include plans, elevations, sections, and large-scale details indicating service at each landing; machine room layout; coordination with building structure; relationships with other construction; and locations of equipment.
2. Include large-scale layout of car-control station.
3. Indicate maximum dynamic and static loads imposed on building structure at points of support as well as maximum and average power demands.

D. Samples for Initial Selection: For finishes involving color selection.

1.05 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

B. Manufacturer Certificates: Signed by elevator manufacturer, certifying that hoistway, pit, and machine room layout and dimensions, as indicated on Drawings, and electrical service including standby-power generator, as indicated and specified, are adequate for elevator system being provided.

C. Sample Warranty: For special warranty.

1.06 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For elevators to include in emergency, operation, and maintenance manuals.
1. Submit manufacturer's/installer's standard operation and maintenance manual, in accordance with ASME A17.1/CSA B44 including diagnostic and repair information available to manufacturer's and Installer's maintenance personnel.

B. Inspection and Acceptance Certificates and Operating Permits: As required by authorities having jurisdiction for normal, unrestricted elevator use.

1.07 QUALITY ASSURANCE

A. Installer Qualifications: Elevator manufacturer or an authorized representative who is trained and approved by manufacturer.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Deliver, store, and handle materials, components and equipment in manufacturer's protective packaging. Store materials, components, and equipment off of ground, under cover, and in a dry location.

1.09 COORDINATION

A. Coordinate installation of sleeves, block outs, elevator equipment with integral anchors, and other items that are embedded in concrete or masonry for elevator equipment. Furnish templates, sleeves, elevator equipment with integral anchors, and installation instructions and deliver to Project site in time for installation.

B. Coordinate locations and dimensions of other work specified in other Sections that relates to hydraulic elevators, including pit ladders; sumps and floor drains in pits; entrance subsills; electrical service; and electrical outlets, lights, and switches in hoistways, pits, and machine rooms.

1.10 WARRANTY

A. Manufacturer's Special Warranty: Manufacturer agrees to repair, restore, or replace elevator work that fails in materials or workmanship within specified warranty period.
   1. Failures include, but are not limited to, operation or control system failure, including excessive malfunctions; performances below specified ratings; excessive wear; unusual deterioration or aging of materials or finishes; unsafe conditions; need for excessive maintenance; abnormal noise or vibration; and similar unusual, unexpected, and unsatisfactory conditions.
   2. Warranty Period: One year from date of Substantial Completion.

PART 2 PRODUCTS

2.01 HYDRAULIC ELEVATORS

A. Basis-of-Design Product: Subject to compliance with requirements, provide OTIS Worldwide Corp.; HydroFit 3510 or comparable product by one of the following:
   1. Schindler Elevator Corp
   2. TK Elevator
   3. Executive Elevator Company

B. Source Limitations: Obtain elevators from single manufacturer.
   1. Major elevator components, including pump-and-tank units, plunger-cylinder assemblies, controllers, signal fixtures, door operators, car frames, cars, and entrances, are manufactured by single manufacturer.

2.02 PERFORMANCE REQUIREMENTS

A. Regulatory Requirements: Comply with ASME A17.1/CSA B44.

B. Accessibility Standard: Comply with applicable provisions in the United States Access Board's ADA-ABA Accessibility Guidelines, and, ICC A117.1.

C. All Local Jurisdictional and applicable local codes.

2.03 ELEVATORS

A. Elevator System, General: Manufacturer's standard elevator systems. Unless otherwise indicated, manufacturers' standard components are used, as included in standard elevator systems and as required for complete system.

B. Elevator Description:
   1. Type: Passenger. Hole-less Hydraulic elevator with a standard, adjacent machine room.
   2. Elevator Stops and Openings: 3, Front
   3. Rated Load: 3500 lb.
   4. Rated Speed: 100 fpm.
   5. Operation System: Automatic operation.
   6. Auxiliary Operations:
      a. Standby-power operation.
      b. Automatic dispatching of loaded car.
      c. Nuisance call cancel.
      d. Loaded-car bypass.
   7. Security Features: Car-to-lobby feature.
   8. Car Enclosures:

a. Inside Width: Not less than, 6’-5 9/16” from side wall to side wall.
b. Inside Depth: Not less than, 5’-5 9/16” from back wall to front wall (return panels).
c. Inside Height: Not less than 93 inches (2362.2 mm) to underside of ceiling.
d. Front Walls (Return Panels): Satin stainless steel, ASTM A480/A480M, No. 4 finish with integral car door frames.
e. Car Fixtures: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
f. Side and Rear Wall Panels: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
g. Reveals: Black Enameled .
h. Door Faces (Interior): Satin stainless steel, ASTM A480/A480M, No. 4 finish.
i. Door Sills: Aluminum.
j. Ceiling: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
k. Handrails: 1-1/2 inches (38 mm) round, at sides of car.
l. Floor prepared to receive resilient flooring (specified in Section 096500 "Resilient Flooring").

9. Hoistway Entrances:
   a. Width: 42 inches (1066.8 mm).
   b. Height: 84 inches (2133.6 mm).
   c. Type: One-speed side sliding opening.
   d. Frames: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
   e. Doors: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
   f. Sills: Aluminum.
10. Hall Fixtures: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
11. Additional Requirements:
    a. Provide inspection certificate in each car, mounted under acrylic cover with frame made from satin stainless steel, ASTM A480/A480M, No. 4 finish.
    b. Provide hooks for protective pads in all cars and one complete set(s) of full-height protective pads.

2.04 OPERATION SYSTEMS

A. Provide manufacturer's standard microprocessor operation system as required to provide type of operation indicated.

B. Auxiliary Operations:
   1. Single-Car Standby-Power Operation: On activation of standby power, car is returned to a designated floor and parked with doors open. Car can be manually put in service on standby power, either for return operation or for regular operation, by switches in control panel located at main lobby. Manual operation causes automatic operation to cease.
   2. Automatic Dispatching of Loaded Car: When car load exceeds 80 percent of rated capacity, doors start closing.
   3. Nuisance Call Cancel: When car calls exceed a preset number while car load is less than a predetermined weight, all car calls are canceled. Preset number of calls and predetermined weight can be adjusted.
   4. A manual lowering feature shall permit lowering the elevator at slow speed in the event of power failure or for adjusting purposes.

C. Security Features: Security features do not affect emergency firefighters' service.
   1. Car-to-Lobby Feature: Feature, activated by keyswitch at main lobby, that causes car to return immediately to lobby and open doors for inspection. On deactivation by keyswitch, calls registered before keyswitch activation are completed and normal operation is resumed.

2.05 DOOR-REOPENING DEVICES

A. Infrared Array: Provide door-reopening device with uniform array of 36 or more microprocessor-controlled, infrared light beams projecting across car entrance. Interruption of one or more light beams causes doors to stop and reopen.

2.06 SIGNAL EQUIPMENT

A. Provide hall-call and car-call buttons that light when activated and remain lit until call has been fulfilled. Provide vandal-resistant buttons and lighted elements illuminated with LEDs.

B. Car-Control Stations: Provide manufacturer's standard recessed car-control stations. Mount in return panel adjacent to car door unless otherwise indicated.
   1. Mark buttons and switches for required use or function. Use both tactile symbols and Braille.
   2. Provide "No Smoking" sign matching car-control station, either integral with car-control station or mounted adjacent to it, with text and graphics as required by authorities having jurisdiction.

C. Emergency Communication System: Two-way voice / text / video communication system, with visible signal, which dials preprogrammed number of monitoring station and does not require handset use. System is contained in flush-mounted cabinet, with identification, instructions for use, and battery backup power supply.

D. Car Position Indicator: Provide illuminated, digital-type car position indicator, located above car door or above car-control station. Also, provide audible signal to indicate to passengers that car is either stopping at or passing each of the floors served. Include travel direction arrows if not provided in car-control station.

E. Hall Push-Button Stations: Provide one hall push-button station at each landing.
   1. Provide units with flat faceplate for mounting with body of unit recessed in wall.
   2. Equip units with buttons for calling elevator and for indicating applicable direction of travel.

F. Hall Lanterns: Units with illuminated arrows; however, provide single arrow at terminal landings. Provide the following:
   1. Manufacturer's standard wall-mounted units.

G. Hall Annunciator: With each hall lantern, provide audible signals indicating car arrival and direction of travel. Signals sound once for up and twice for down.

H. Standby-Power Elevator: Provide as required by ASME A17.1/CSA B44, where indicated. Provide illuminated signal that indicates when normal power supply has failed.

I. Emergency Pictorial Signs: Fabricate from materials matching hall push-button stations, with text and graphics as required by authorities having jurisdiction, indicating that in case of fire, elevators are out of service and exits should be used instead. Provide one sign at each hall push-button station unless otherwise indicated.

2.07 FINISH MATERIALS

A. Cold-Rolled Steel Sheet: ASTM A1008/A1008M, commercial steel, Type B, exposed, matte finish.

B. Hot-Rolled Steel Sheet: ASTM A1011/A1011M, commercial steel, Type B, pickled.

C. Stainless Steel Sheet: ASTM A240/A240M, Type 304.

D. Stainless Steel Bars: ASTM A276/A276M, Type 304.

E. Stainless Steel Tubing: ASTM A554, Grade MT 304.

F. Bronze Tubing: ASTM B135/B135M, Alloy UNS No. C23000 (red brass, 85 percent copper).

G. Aluminum Extrusions: ASTM B221, Alloy 6063.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine elevator areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work. Verify critical dimensions and examine supporting structure and other conditions under which elevator work is to be installed.

B. Prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION OF HYDRAULIC ELEVATORS

A. Welded Construction: Provide welded connections for installing elevator work where bolted connections are not required for subsequent removal or for normal operation, adjustment, inspection, maintenance, and replacement of worn parts. Comply with AWS workmanship and welding operator qualification standards.

B. Sound Isolation: Mount rotating and vibrating equipment on vibration-isolating mounts to minimize vibration transmission to structure and structure-borne noise due to elevator system.

C. Install piping above the floor, where possible. Install underground piping in casing.
   1. Excavate for piping and backfill encased piping according to applicable requirements.

D. Lubricate operating parts of systems as recommended by manufacturers.

E. Alignment: Coordinate installation of hoistway entrances with installation of elevator guide rails for accurate alignment of entrances with car. Where possible, delay installation of sills and frames until car is operable in shaft. Reduce clearances to minimum, safe, workable dimension at each landing.

F. Leveling Tolerance: 1/4 inch (6.35 mm), up or down, regardless of load and travel direction.

G. Set sills flush with finished floor surface at landing. Fill space under sill solidly with nonshrink, nonmetallic grout.

H. Locate hall signal equipment for elevators as follows unless otherwise indicated:
   1. For groups of elevators, locate hall push-button stations between two elevators at center of group or at location most convenient for approaching passengers.
   2. Place hall lanterns either above or beside each hoistway entrance.
   3. Mount hall lanterns at a minimum of 72 inches (1828.8 mm) above finished floor.

3.03 FIELD QUALITY CONTROL

A. Acceptance Testing: On completion of elevator installation and before permitting elevator use (either temporary or permanent), perform acceptance tests as required and recommended by ASME A17.1/CSA B44 and by governing regulations and agencies.

B. Advise Owner, Architect, and authorities having jurisdiction in advance of dates and times that tests are to be performed on elevators.

3.04 PROTECTION

A. Temporary Use: Comply with the following requirements for elevator used for construction purposes:
   1. Provide car with temporary enclosure, either within finished car or in place of finished car, to protect finishes from damage.
   2. Provide strippable protective film on entrance and car doors and frames.
   3. Provide padded wood bumpers on entrance door frames covering jambs and frame faces.
   4. Provide other protective coverings, barriers, devices, signs, and procedures as needed to protect elevator and elevator equipment.
   5. Do not load elevators beyond their rated weight capacity.
   6. Engage elevator Installer to provide full maintenance service. Include preventive maintenance, repair or replacement of worn or defective components, lubrication, cleanup, and adjustment as necessary for proper elevator operation at rated speed and capacity. Provide parts and supplies same as those used in the manufacture and installation of original equipment.

7. Engage elevator Installer to restore damaged work, if any, so no evidence remains of correction. Return items that cannot be refinished in the field to the shop, make required repairs and refinish entire unit, or provide new units as required.

3.05 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to operate elevator(s).

B. Check operation of elevator with Owner's personnel present before date of Substantial Completion and again not more than one month before end of warranty period. Determine that operation systems and devices are functioning properly.

3.06 MAINTENANCE

A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service includes 12 months' full maintenance by skilled employees of elevator Installer.
   1. Maintenance service consisting of regular examinations and adjustments of the elevator equipment shall be provided by the elevator Installer. This service shall not be subcontracted but shall be performed by the elevator Installer. All work shall be performed by competent employees during regular working hours of regular working days. This service shall not cover adjustments, repairs, or replacement of parts due to negligence, misuse, abuse or accidents caused by persons other than the elevator Installer. Only genuine parts and supplies as used in the manufacture and installation of the original equipment shall be provided.
   2. Include monthly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper elevator operation. Parts and supplies are manufacturer's authorized replacement parts and supplies.
   3. Perform emergency callback service during normal working hours with response time of two hours or less.

END OF SECTION

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SECTION 23 7413 – PACKAGED, OUTDOOR, AIR HANDLING UNIT

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes packaged, outdoor, central-station air-handling units (rooftop units) with the following components and accessories:

1. Casing.
2. Fans.
3. Air Filtration.
4. Coils
5. Refrigerant Circuit Components.
6. Gas Furnace.
7. Electrical power connections and Devices.
8. Controls.
9. Unit Accessories.
10. Roof curbs.

1.2 SUBMITTALS

A. Product Data: Include manufacturer's technical data for each RTU, including:
1. Rated capacities,
2. Dimensions, weight loadings, required clearances,
3. Characteristics,
4. Furnished specialties,
5. Electrical characteristics,
6. Connection requirements,
7. Accessories

B. Shop Drawings: Detail equipment assemblies and indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.

1. Wiring Diagrams: Power, signal, and control wiring.
2. Provide computer generated fan curves with specific operating point clearly plotted.
3. Manufacturer’s installation instructions.

C. Operation and maintenance data.

D. Warranty.

1.3 QUALITY ASSURANCE

A. ARI Compliance:

1. Comply with ARI 210/240 and ARI 340/360 for testing and rating energy efficiencies.
2. Comply with ARI 270 for testing and rating sound performance.
3. Comply with ARI 1060 for testing and rating of energy recovery module.

B. ASHRAE Compliance:

1. Comply with ASHRAE 15 for refrigerant system safety.
2. Comply with ASHRAE 33 for methods of testing cooling and heating coils.
3. Comply with applicable requirements in ASHRAE 62.1, Section 5 - "Systems and Equipment" and Section 7 - "Construction and Startup."

C. ASHRAE/IESNA 90.1-2019 Compliance: Applicable requirements in ASHRAE/IESNA 90.1, Section 6 - "Heating, Ventilating, and Air-Conditioning."

D. NFPA Compliance: Comply with NFPA 90A and NFPA 90B.

E. UL Compliance: Comply with UL 1995.

F. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

G. Motors 1 HP and larger shall be “premium efficiency” series motor.

1.4 WARRANTY

A. Special Warranty: Manufacturer’s standard form in which manufacturer agrees to replace components of units that fail in materials or workmanship within specified warranty period.

1. Warranty Period for Compressors: Manufacturer’s standard, but not less than five (5) years from date of Substantial Completion.
2. Warranty Period for Gas Furnace Heat Exchangers: Manufacturer’s standard, but not less than ten (10) years from date of Substantial Completion.
3. Warranty Period for Solid-State Ignition Modules: Manufacturer’s standard, but not less than three (3) years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Daikin (Rebel)
2. Trane Inc. (Intellipak)
3. Greenheck (RV Series)
4. Valent (VX Series)

2.2 CASING

A. Exterior Casing Material: Galvanized steel with factory-painted finish, with pitched roof panels and knockouts with grommet seals for electrical and piping connections and lifting lugs. Panels shall be easily removable for servicing all components.

A. Unit casing construction shall be double wall, 2" thick with minimum R-13 foam insulation.

B. Airstream Surfaces: Surfaces in contact with the airstream shall comply with requirements in ASHRAE 62.1.

2.3 FANS

A. Air Circulating Fans

1. Fan section(s) shall contain, fan, motor, drive components and accessories. Motor and drive shall be mounted with the casing and isolated. Fan shall be airfoil plenum type with electronically commutated motor (ECM). See fan duty and HP requirements listed on the drawings.

2. Integrated drive shall be provided for each fan array. Drive to be mounted on door side of fan section and to include fused disconnect with a motor starter. Drives are to be accessible through a hinged door assembly complete with a single handle latch. The unit manufacturer shall install all power and control wiring.

3. The drive output shall be controlled by the factory installed main unit control system and drive status operating speed shall be monitored and displayed at the main unit control panel. The supply and exhaust fan drive outputs shall be independently controlled in order to provide the control needed to maintain building pressure control.

4. All drives shall be factory run tested prior to unit shipment.

5. The fan array will be arranged with high performance direct drive, single inlet, plenum fans with backwards inclined, high efficiency welded-aluminum or high-performance composite impeller with galvanized or aluminum support frame. Manual blank-off plates shall be provided to block fan airflow, one plate to be provided per array. Backdraft dampers shall be provided to block fan airflow in lieu of blank-off plates.

6. The fans are driven by long-life, low-temperature brushless DC electronically commutated motor (EC-Motor) with external rotor and integrated maintenance-free electronic circuitry and electronics. The motor is manufactured with maintenance-free, permanently lubricated ball bearings and shall be statically and dynamically balanced in accordance with ISO 1940 part 1. The motor should be closed, protection level IP 54, thermal class 155 with permissible operating temperature of -13°F to 140°F. Motor efficiency class shall comply with IE4. Fan characteristic curves indicate measurements on a chamber test in accordance with ISO5801. The three phase external rotor motor integrated into the fan hub meets the requirements for circulating electric machines set forth in DIN EN 60 034-1 (VDE 0530 Part 1).

7. ECM Motors: Provide a single control panel consisting of motor overloads, one for each fan, and DDC control input for fan control. All power and control wiring from control

panels shall be provided by the unit manufacture as specified above. Panels shall be designed and wired to accept a single point power and controls connection by the respective trade contractors.

B. Condenser Fans – Either ECM or VFD direct driven propeller type with wire guards.

2.4 Exhaust Fans – Unit shall be furnished with an exhaust fan and damper for powered venting, controlled in conjunction with the economizer and minimum outdoor air requirements. Fan shall be ECM. AIR FILTRATION

A. Minimum arrestance according to ASHRAE 52.1, and a minimum efficiency reporting value (MERV) according to ASHRAE 52.2.

1. Pre-Filter: 2” Cartridge MERV 8

2. Final Filter: 4” Cartridge MERV 14

B. Filter sections shall be provided with adequately sized access doors to allow easy removal of filters. Filter removal shall be from one side as noted on the drawings through a slide track. Provide sealing spacers as required on filter rack.

2.5 COILS

A. Evaporator and Condenser Refrigerant Coils:

1. Coils shall be constructed of copper tube, aluminum fin, copper headers. Fins constructed of aluminum or copper shall be rippled for maximum heat transfer and shall be mechanically bonded to the tubes by mechanical expansion of the tubes. The coils shall have a stainless-steel casing. All coils shall be factory leak tested with air at 300 psig while immersed in an illuminated water tank.

2. Refrigerant evaporator type coils shall be equipped with distributors connected to the coil by copper tubes. Where a hot gas bypass is required, the inlet shall be at the refrigerant distributor. Expansion valves and related accessories are to be factory installed and tested.

3. Refrigerant coils with multiple compressors shall be alternate tube circuited in order to distribute the cooling effect over the entire coil face at reduced load conditions. Provision for use of thermal expansion valves must be included.

4. Coils shall be factory tested with air at 450 psig while immersed in an illuminated water tank.

2.6 REFRIGERANT CIRCUIT COMPONENTS

A. Compressor:

1. Hermetic, scroll, mounted on vibration isolators; with internal overcurrent and high-temperature protection, internal pressure relief, and crankcase heater.

2. Minimum one unit compressor shall be inverter duty rated.

B. Refrigeration Specialties:

1. Refrigerant: R-32 / R-513A / R-454B
2. Expansion valve with replaceable thermostatic element.
3. Refrigerant filter/dryer.
4. Manual-reset high-pressure safety switch.
5. Automatic-reset low-pressure safety switch.
6. Minimum off-time relay.
7. Automatic-reset compressor motor thermal overload.
8. Brass service valves installed in compressor suction and liquid lines.
9. Liquid line filters.

C. Refrigerant Detection & Mitigation Control

1. Refrigerant systems with an A2L or higher flammability classification, as defined in ASHRAE Standard 15 and 34, shall be equipped with a refrigerant leak detection system. The leak detection system shall provide the following mitigation controls to ensure there is never a buildup of refrigerant greater than the lower flammability of the respective refrigerant. The following shall occur
   a. Activate refrigerant system safety shut-off valves to reduce releasable refrigerant charge.
   b. Energize the air circulation fan(s).
   c. De-energize potential ignition sources, including open flames (direct and indirect gas furnaces) and unclassified electrical sources of ignition with apparent power rating greater than 1kVa, where the apparent power is the product of the circuit voltage and current rating.

2.7 GAS FURNACE

A. Description – Heating units shall be indirect natural gas fired approved for both sea level and high-altitude areas. The entire package should be factory assembled, piped and wired, including damper controls, fan controls, and all other miscellaneous controls and accessories shall be approved by an independent testing authority, and carry the approval label of that authority as a complete operating package. All units must exceed the ASHRAE 90.1 requirement of steady state efficiency at low fire. Operating natural gas pressure at unit(s) manifold shall be 7" w.c. Gas fired units shall be approved for operation in -40 deg. F locations.

B. Compliance
1. ANSI Z21.47
2. NFPA 54.
3. Gas manifolds shall be provided to IRI standards.
4. CSA Approval: Designed and certified by and bearing label of CSA.

C. Burner
1. Fuel – Natural Gas.
2. Burner Assembly – Constructed from stainless steel, blow-through, positive pressure type.

3. Ignition – Electronically controlled electric spark or hot-surface igniter with flame sensor. Intermittent pilot ignition system to provide a high seasonal efficiency.
4. Flame surveillance shall be with a solid-state programmed flame relay c/w flame rod.
5. The burner and gas train shall be in a cabinet enclosure.
6. Insulation in the burner section shall be covered by a heat reflective galvanized steel liner.
7. Power Vent – Integral, motorized centrifugal fan interlocked with gas valve. Atmospheric burners, or burners requiring power assisted venting are not acceptable.
8. Modulation – Unit shall have a modulating gas burner. Capable of modulation between 10% - 100% fire rate.

D. Heat-Exchanger:
1. Type – Primary drum and multi-tube secondary assembly constructed of titanium stainless steel with multi-plane metal turbulators and shall be of a floating stress relieved design. Heat exchanger shall be provided with a stainless-steel condensate drain pan and connection. The heat exchanger casing shall have 1" (25mm) of insulation between the outer cabinet and inner liner. Blower assemblies close coupled to duct furnace type heat exchangers are not acceptable.

E. Safety Controls:
1. Gas Control Valve: Modulating.
2. Gas Train: Single-body, regulated, redundant, 24-V AC gas valve assembly containing pilot solenoid valve, pilot filter, pressure regulator, pilot shutoff, and manual shutoff.

2.8 ELECTRICAL POWER CONNECTION & DEVICES

A. Provide for single connection of power to unit (unit-mounted fused disconnect switch provided by the EC accessible from outside unit).

B. 115V control-circuit transformer with built-in overcurrent protection provided with unit.

C. Provide an exterior mounted GFCI receptacle and interior unit light circuit, dedicated circuit provided by E.C.

D. SCCR Minimum Rating - 10K AIC.

2.9 CONTROLS

A. Unit Controls – Units shall be provided from the factory with a microprocessor controller which only controls:
1. The unit refrigeration circuit and condenser fan components. The refrigeration system shall accept an analog input which allows the building controls system to modulate the refrigeration system capacity.
2. The modulating gas furnace controls
3. The refrigerant monitoring system

B. Unit Terminal Strip – The unit manufacturer shall provide all airside devices, control points and wiring to a unit mounted terminal strip for low voltage controls including:
1. Supply/return/exhaust fans,

2. Dampers,
3. Temperature, humidity and pressure sensors and switches
4. Airflow measuring stations
5. High pressure and high temperature cutouts.

C. Direct Digital Control System – Additional control equipment, devices and sequence of operations are specified in Division 23 Section "Direct Digital Control System" and on the drawings. All other unit control devices should be mounted and wired by the HC/TC.

2.10 UNIT ACCESSORIES

A. Dampers

1. Dampers shall be extruded aluminum with aluminum frame. Dampers shall be low leak with extruded EPDM blade seals. Dampers shall be AMCA rated for Leakage Class 1A at 1 in. w.g. static pressure differential. Standard air leakage data to be certified under the AMCA Certified Ratings Program.
2. All dampers shall be motorized with actuators mounted and wired to the controls terminal strip in the factory.
3. Dampers shall be as follows:
   a. Outdoor Air – Opposed Blade
   b. Return Air – Parallel Blade
   c. Relief/Exhaust Air – Parallel Blade

B. Electrical Receptacle – Duplex, 115-V, ground-fault-interrupter outlet with 15-A overcurrent protection. Include transformers if required. Outlets shall be energized even if the unit main disconnect is open.

C. Filter Differential Pressure Switch – Switch with sensor tubing on either side of filter. Set for final filter pressure loss.

D. Unit Lights – Unit-mounted LED service lighting inside of unit cabinets with exterior mounted light switch.

E. Condenser Coil Guards – Painted, galvanized-steel wire.

2.11 ROOF CURBS

A. 14” Roof curb for each roof mounted unit shall be furnished with the unit, fabricated of steel with insulation, wood nailer, counterflashing, cant strip and seals for a watertight installation.

PART 3 - EXECUTION

3.1 INSTALLATION

A. The General Contractor shall install required steel framing for units prior to roof curb installation. Coordinate location of steel according to actual rooftop unit dimensions as ordered.

B. The roof curb shall be set in place, shimmed level and secured. After the roofing contractor applies the roofing membrane to the curb, the unit shall be set in place and the installation completed . Make final ductwork connections.

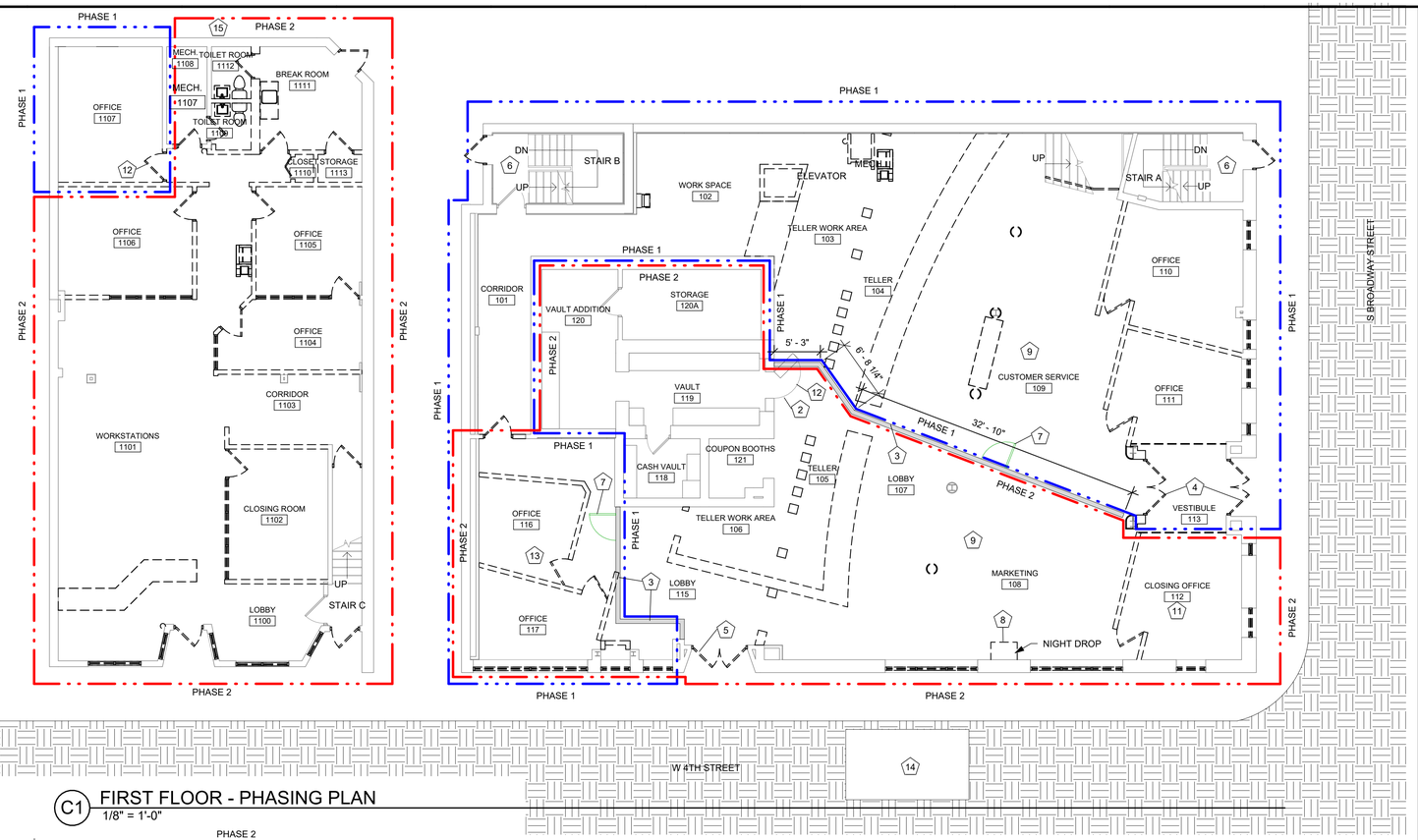
C. Mechanical equipment and supports that are exposed to wind shall be designed and installed to resist the wind pressure determined in accordance with the applicable building codes. Refer to specification 23 0530 for additional requirements.

D. Refer to drawings for condensate drain and trap height requirements. Provide a spill block on top of additional pieces of roofing material or pipe to local storm drain.

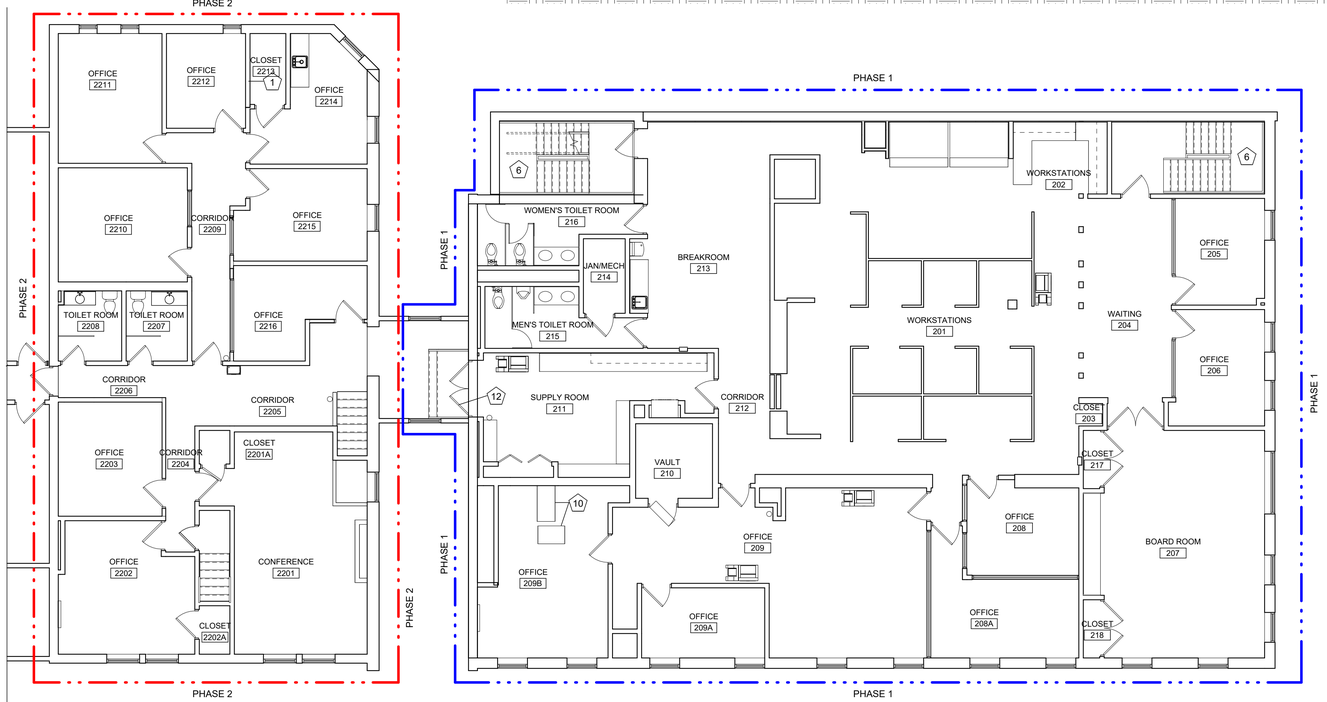
E. The Electrical Contractor will provide power wiring through a fused disconnect switch to one set of power terminals in each unit. All other power and control wiring required for the completion of the systems shall be furnished and installed by the HVAC Contractor. All wiring shall be furnished and installed by the HVAC Contractor. All wiring shall be run in ½" and larger conduit in accordance with applicable provisions of the Electrical Specifications.

F. The PC shall provide all required gas accessories, including a shut-off valve, outside of the unit.

END OF SECTION 23 7415



C1 FIRST FLOOR - PHASING PLAN
1/8" = 1'-0"



F1 SECOND FLOOR - PHASING PLAN
1/8" = 1'-0"

GENERAL NOTES

A. OWNER CONTRACTED ABATEMENT CONTRACTOR WILL ABATE ACMs PRIOR TO EACH PHASE. OWNER WILL ALSO REQUIRE TIME BETWEEN PHASES TO REMOVE AND RELOCATE OWNER ITEMS. CONSIDER THIS ABATEMENT WORK WHEN PREPARING SCHEDULE OF WORK.

B. CONTRACTORS SHALL THOROUGHLY PLAN AND SCHEDULE ACTIVITIES TO MAINTAIN THE BANK FUNCTIONS AND COMPLETE THE WORK AS EXPEDITIOUSLY AS POSSIBLE. SUGGESTIONS AS TO MODIFICATIONS OF PHASING TO IMPROVE CONSTRUCTION ARE ENCOURAGED.

C. CONTRACTORS SHALL CONSTRUCT AND REMOVE TEMPORARY CONSTRUCTION BARRIERS AS NECESSARY TO ALLOW PHASING OF WORK. ADDITIONAL CONSTRUCTION BARRIERS AT VARIOUS LOCATIONS MAY BE REQUIRED TO ADDRESS ACCESS CONCERNS IN CONSTRUCTION AREAS. WHERE APPLICABLE, EXISTING PARTITIONS AND NEW PARTITIONS MAY BE USED FOR THIS PURPOSE.

D. MAINTAIN CONSTANT NEGATIVE AIR PRESSURE IN CONSTRUCTION AREAS. REVIEW AREA WITH OWNER TO DETERMINE THE MOST APPROPRIATE AND LEAST COSTLY METHOD OF MAINTAINING NEGATIVE AIR PRESSURE. IT IS IMPERATIVE THAT ACOUSTIC SOUND SEALS ARE MAINTAINED ON EACH DOOR SEPARATING WORK AREAS FROM OCCUPIED AREAS.

E. CONSTRUCTION PHASING IS DEPENDENT ON THE INSTALLATION OF NEW AIR HANDLER UNIT AND MECHANICAL SYSTEMS, AND NEEDS TO BE COORDINATED IN SEQUENCE AND PROGRESS OF SAME.

F. AT EACH ENTRANCE OF THE WORK ZONE, PROVIDE A DUST CONTROL ANTE-ROOM CONSTRUCT BARRIER WITH LIMITED COMBUSTION PLASTIC SHEETS AND A ZIPPER DOOR BARRIER. RELOCATE ANTE-ROOM AND ZIPPER DOOR AS REQUIRED PER CONSTRUCTION ACTIVITIES. ALSO, PROVIDE ADHESIVE WALK-OFF MATS AT ALL INTERIOR TRANSITIONS FROM CONSTRUCTION AREAS TO OCCUPIED AREAS.

G. THE PHASING PLANS SHOW THE MINIMUM REQUIREMENTS AND DESCRIPTIONS WHICH ARE TO BE FOLLOWED FOR THE CONSTRUCTION PHASING OF THE PROJECT. CONTRACTOR IS ENCOURAGED TO PROVIDE INPUT. ALL PHASING AND SEQUENCE OF WORK SHALL BE COORDINATED WITH THE OWNER.

H. CONSTRUCTION BARRIERS CAN BE CONSTRUCTED OF PREFABRICATED MODULAR WALL PANEL SYSTEM. WALL TO REDUCE CONSTRUCTION NOISE AND EFFECTIVELY CONTROL DUST CONTAINMENT AND DEBRIS. PARTITIONS ARE REQUIRED TO BE CLASS A FIRE AND SMOKE-RESISTANT.

I. MAINTAIN MEANS OF EGRESS AT ALL TIMES DURING CONSTRUCTION.

J. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION TO PROVIDE TEMPORARY CONNECTIONS AS NEEDED.

H. REFER TO SPECIFICATIONS FOR TEMPORARY HEATING/COOLING AND LIGHTING ALLOWANCE TO BE INCLUDED IN COST.

I. LOT AVAILABILITY FOR MATERIAL STORAGE CONTAINER LOCATED AT 133 WEST 4TH STREET, GREENVILLE, OHIO 45331. COORDINATE ALLOWABLE SIZE WITH OWNER.

J. PROVIDE TEMPORARY SIGNS AT ENTRANCES TO DIRECT PUBLIC AND INDIVIDUALS SEEKING ENTRANCE INTO THE BANK OR CONSTRUCTION AREA.

2 K. ABATEMENT CONTRACTORS ANTICIPATE A MINIMUM OF 3 MOBILIZATIONS (POTENTIALLY 4) AS FOLLOWS:
- PRIOR TO PHASE 1
- PRIOR TO PHASE 2
- PRIOR TO EXTERIOR WINDOW REMOVAL
- (POTENTIALLY) REMAINING EXTERIOR WINDOWS DEPENDING ON PHASING OF WINDOW REPLACEMENT

COORDINATE PHASING WITH OWNER AND ABATEMENT CONTRACTOR.

= NO ARCHITECTURAL WORK THIS ROOM

PHASING NOTES

(00) INDICATES PHASING NOTE.
* NOT ALL NOTES APPLY TO THIS SHEET *

1. COMPLETE THIS ELECTRICAL WORK BEFORE STARTING PHASE 1. DISCONNECT FEEDER FROM MAIN BUILDING ON 2ND FLOOR AND REFEED THIS PANEL FROM LOAN BUILDING PANEL. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. MAINTAIN ACCESS TO VAULT AT ALL TIMES DURING CONSTRUCTION FOR CUSTOMER ACCESS. COORDINATE CARPET INSTALLATION AND PAINTING INSIDE VAULT WITH OWNER.
2 3. BUILD TEMPORARY PARTITION WALL WITH METAL STUDS AND GYPSUM BOARD ON CUSTOMER FACING SIDE. WALL TO BE FULL HEIGHT AND TIGHT TO BOTTOM OF STRUCTURE. GENERAL CONTRACTOR TO PAINT OCCUPIED SIDE OF GYPSUM BOARD. WALL TO BE BUILT BY GENERAL CONTRACTOR PRIOR TO ABATEMENT CONTRACTOR MOBILIZATION.
4. DOORS TO BE ACCESSIBLE FOR EGRESS DURING CONSTRUCTION PHASE 1 AND 2. DOORS DO NOT NEED TO BE ACCESSIBLE TO CUSTOMERS DURING PHASE 1.
5. DOORS TO BE ACCESSIBLE FOR EGRESS DURING CONSTRUCTION PHASE 1 AND 2. DOORS DO NOT NEED TO BE ACCESSIBLE TO CUSTOMERS DURING PHASE 2.
6. MAINTAIN CLEAR EGRESS AT ALL TIMES DURING CONSTRUCTION.
7. PROVIDE TEMPORARY EMERGENCY EGRESS DOOR. EXACT LOCATION TO BE DETERMINED BY CONTRACTOR AND APPROVED BY OWNER AND AHJ. PROVIDE ACOUSTIC SEALS ON DOOR. PROVIDE WALK-OFF MATS ON CONSTRUCTION SIDE.
8. NIGHT DROP TO BE ACCESSIBLE BY STAFF DURING ALL PHASES OF CONSTRUCTION.
9. LOBBY REQUIRED TO HAVE 3 TELLERS AND 1 CUSTOMER SERVICE REPRESENTATIVE TO MAINTAIN BUSINESS OPERATIONS FOR DURATION OF THE PROJECT. COORDINATE TEMPORARY SOLUTION AS NEEDED WITH OWNER.
10. DATA/IT RACKS TO REMAIN IN PLACE. DATA/IT WORK TO BE COORDINATED WITH OWNER. DATA AVAILABILITY IS NOT TO HAVE LAPSE IN SERVICE. COORDINATE ANY WORK THAT DISRUPTS SERVICE WITH OWNER. PROTECT EQUIPMENT FROM DUST/DEBRIS/DAMAGE AT ALL TIMES.
11. THIS OFFICE TO REMAIN FUNCTIONAL DURING PHASE 1.
12. PROVIDE VISQUEEN OVER DOORS TO PREVENT DUST MIGRATION.
13. THIS AREA OF WORK TO BE INCLUDED IN BOTH PHASE 1 AND PHASE 2.
14. DUMPSTER LOCATION TO BE PLACED IN PARKING SPACES ON 4TH STREET. GC TO COORDINATE DUMPSTER PLACEMENT WITH CITY.
15. TEMPORARY TOILET FACILITIES TO BE LOCATED HERE DURING ALL PHASES OF CONSTRUCTION. COORDINATE EXACT LOCATION WITH OWNER.

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STATE OF OHIO MARIANNE L. WEBER 9675 REGISTERED ARCHITECT
Marianne L. Weber, License #9675
Expiration Date 12/31/2027

Renovation Greenville National Bank Main Branch
446 SOUTH BROADWAY STREET, GREENVILLE, OH 45331
AND 114 WEST 4TH STREET, GREENVILLE, OH 45331

ISSUE

NO.	DATE	DESCRIPTION
	05/14/2026	FOR BID AND PERMIT
2	06/04/2026	ADDENDUM 3

DATE	05/14/2026
JOB NO.	4275.01
DRAWN	MSM/KA
CHECKED	MLW

TITLE
PHASING PLAN

SHEET NO.
G0.4

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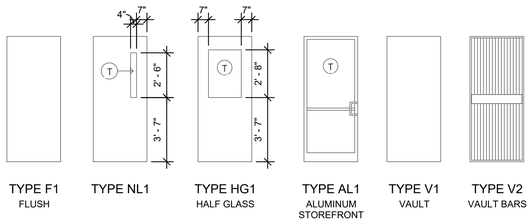
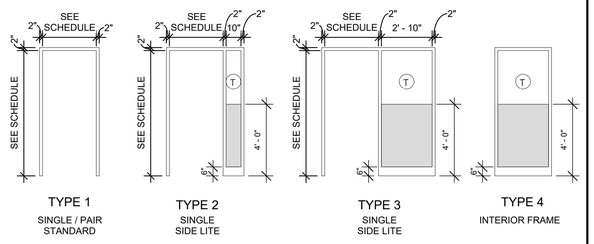


DOOR ELEVATIONS



= DECORATIVE FROSTED WINDOW FILM, BASIS OF DESIGN: DECORATIVE FILMS, SOLYX GLASS FINISHES, MODEL: SX-1580-UG THATCH FROST

FRAME ELEVATIONS

DOOR AND FRAME SCHEDULE

DOOR No.	ROOM NAME	HDW. SET	DOOR SIZE W	DOOR SIZE H	DOOR SIZE T	DOOR MAT.	DOOR TYPE	DOOR FIN.	DOOR U/C	FRAME MAT.	FRAME TYPE	FRAME FIN.	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS SILL	FIRE RTG.	REMARKS
1) MAIN BANK BUILDING																	
003	CORRIDOR	27	3' - 0"	7' - 0"	1 3/4"	EX.HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	1, 4
0003	STORAGE	EXISTING	2' - 6"	7' - 0"	1 3/4"	EX. HM	EX. F1	EX.	-	EX. HM	EX. 1	EX.	-	-	-	-	2
004	STORAGE B	EXISTING	3' - 0"	7' - 0"	1 3/4"	EX. WD	EX. F1	EX.	-	EX. WD	EX. 1	EX.	-	-	-	-	2
005	PASS THROUGH	27	3' - 0"	7' - 0"	1 3/4"	EX.HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	3, 4, 12
006	JAN.	27	2' - 6"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	1, 4
007	MEN'S TOILET	27	2' - 6"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	3, 4, 11
008	CORRIDOR	26	3' - 0"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	-	3, 4
009	HALL	EXISTING	3' - 0"	7' - 0"	1'-0"	EX. VAULT	EX. V1	EX.	-	EX. HM	EX. 1	EX.	-	-	-	2 HOUR	2, 5
010	CORRIDOR	27	1' - 2"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	1, 4
011	MECHANICAL	28	3' - 0"	7' - 0"	1 3/4"	EX.HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	1, 4
013	MOTHER'S ROOM	25	3' - 0"	7' - 0"	1 3/4"	EX.HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	3, 4
013A	TLT ROOM	18	2' - 6"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	-	3, 4, 10
014	DATA/IT	23	3' - 0"	7' - 0"	1 3/4"	EX.HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	3, 4
015	STORAGE D	23	3' - 0"	7' - 0"	1 3/4"	EX.HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	45 MIN.	1, 4
016	KITCHEN	11	2' - 6"	7' - 0"	1 3/4"	HM	F1	DEP-1	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
018	ELEV. MACHINE	14	3' - 0"	7' - 0"	1 3/4"	HM	F1	DEP-1	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	1 HOUR	
100	VESTIBULE	1	6' - 0"	7' - 0"	2 1/4"	ALUM	EX. F2	ANOD.	-	ALUM.	1	ANOD.	F3/A0.7	F5/A0.7	F1/A0.6		6, 13, 14
100A	LOBBY	4	6' - 0"	7' - 0"	1 3/4"	ALUM	AL1	ANOD.	-	ALUM.	1	ANOD.	B3/A0.6	C3/A0.6	F3/A0.6	-	6
102	CLOSING ROOM	15	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
104	LOBBY	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
105	LENDER OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
106	VESTIBULE	1	6' - 0"	7' - 0"	2 1/4"	ALUM	EX. F2	ANOD.	-	ALUM.	1	ANOD.	F5/A0.6	-	F1/A0.6	-	6, 13, 14
106A	LOBBY	4	6' - 0"	7' - 0"	1 3/4"	ALUM	AL1	ANOD.	-	ALUM.	1	ANOD.	-	-	F3/A0.6	-	6
107	LOBBY	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
108	LENDER OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	2	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
109	STORAGE ROOM	21	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
110	VAULT	EXISTING	3' - 0"	7' - 0"	1'-0"	EX. VAULT	EX. V1	EX.	-	EX. HM	EX. 1	EX.	-	-	-	2 HOUR	2, 5
110A	CASH VAULT	EXISTING	2' - 6"	7' - 0"	1 3/4"	EX. VAULT	EX. V2	EX.	-	EX. HM	EX. 1	EX.	-	-	-	-	2, 5
110C	VAULT ADDITION	22	3' - 0"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	-	3, 4
111	FLEX OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
112	CUST SERV OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
113	LENDER OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
114	CUSTOMER SERVICE OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	2	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
115	CUST SERV OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
117	TOILET ROOM	19	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	10
118	MARKETING	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
119A	ELECTRICAL	5	3' - 0"	7' - 0"	1 3/4"	HM	F1	DEP-1	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	20 MIN.	
119B	ELECTRICAL	13	3' - 0"	7' - 0"	1 3/4"	HM	F1	DEP-1	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	20 MIN.	
201	BOARD ROOM	15	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
201A	BOARD ROOM	15	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
202	HR	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
204	PRESIDENT'S OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	2	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
205	OPERATIONS OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
206	HEAD OF DEPOSITS	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
207	E-BANKING	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	2	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
208	CONTROLLER	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
209	IT OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
210	CORRIDOR	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	2	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
211	DATA/IT	12	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
212	CORRIDOR	EXISTING	3' - 0"	7' - 0"	1'-0"	EX. VAULT	EX. V1	EX.	-	EX. HM	EX. 1	EX.	-	-	-	2 HOUR	2, 5
214	CONTROLLER	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
216	TOILET ROOM	29	3' - 0"	7' - 0"	1 3/4"	EX. WD	EX. F1	EX.	-	EX. HM	EX. 1	DEP-1	-	-	-	-	4, 7, 11
216A	JAN/MECH	22	3' - 0"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	-	3, 4
217	TOILET RM	29	3' - 0"	7' - 0"	1 3/4"	EX. WD	EX. F1	EX.	-	EX. HM	EX. 1	DEP-1	-	-	-	-	4, 7,12
218	TOILET ROOM	19	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	10
A01	STAIR A	10	3' - 0"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	1 HOUR	
A02	STAIR A	10	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	EX. HM	EX. 1	DEP-1	-	-	-	1 HOUR	9
A03	STAIR A	3	3' - 0"	7' - 0"	1 3/4"	HM	F1	DEP-1	-	HM	1	DEP-1	D5/A0.7	B5/A0.7	-	-	8, 13, 14
A04	STAIR A	10	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	EX. HM	EX. 1	DEP-1	-	-	-	1 HOUR	9
B01	STAIR B	10	3' - 0"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	1 HOUR	
B02	STAIR B	10	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	EX. HM	EX. 1	DEP-1	-	-	-	1 HOUR	9
B03	STAIR B	3	3' - 0"	7' - 0"	1 3/4"	HM	EX. F3	DEP-1	-	HM	1	DEP-1	D3/A0.7	B3/A0.7	-	3 HOUR	8, 13, 14
B04	STAIR B	10	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	EX. HM	EX. 1	DEP-1	-	-	-	1 HOUR	9
2) LOAN BUILDING																	
1100	LOBBY	2	3' - 0"	7' - 0"	2 1/4"	ALUM.	AL1	ANOD.	-	ALUM.	1	ANOD.	F5/A0.6	-	F1/A0.6	-	6, 13, 14
1100A	LOBBY	6	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
1100B	LOBBY	24	3' - 0"	7' - 0"	1 3/4"	EX. HM	EX. HG1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	-	3, 4
1101A	COLLECTIONS	17	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
1101B	COLLECTIONS	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
1103	LOAN PROC. OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	3	DEP-1	B6 & B5/A0.6	C6, E6, & F6/A0.6	C5 & E5/A0.6	-	
1104	TOILET ROOM	19	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	10
1105	TOILET ROOM	19	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	10
1106	KITCHENETTE	3	3' - 0"	7' - 0"	1 3/4"	HM	F1	DEP-1	-	HM	1	DEP-1	D3/A0.7 SIM.	B3/A0.7 SIM.	-	-	8, 13, 14
1107	MECH.	21	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
1108	FILING ROOM	12	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2200	CORRIDOR	7	6' - 0"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX.HM	EX. 1	DEP-1	-	-	-	3 HOUR	
2201B	CORRIDOR	EXISTING	3' - 0"	7' - 0"	1 3/4"	EX. HM	EX. F1	DEP-1	-	EX. HM	EX. 1	DEP-1	-	-	-	-	1, 2
2202	MEETING ROOM	15	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2202A	CLOSET	20	2' - 6"	7' - 0"	1 3/4"	EX. WD	EX. F1	EX.	-	EX. WD	1	EX.	-	-	-	-	4
2203	CONFERENCE	15	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2203A	CLOSET	20	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2204	BREAK ROOM	21	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2205	TLT RM	19	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	10
2206	TLT RM	19	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	10
2207	CORRIDOR	21	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2208	AUDITOR OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2209	AUDITOR OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2210	CREDIT OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2211	CREDIT OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2212	CREDIT OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
2213	CREDIT OFFICE	16	3' - 0"	7' - 0"	1 3/4"	WD	NL1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
C01	STAIR C	2	3' - 0"	7' - 0"	2 1/4"	ALUM.	AL1	ANOD.	-	ALUM.	1	ANOD.	-	-	F1/A0.6	-	6, 13, 14
C02	STAIR C	8	3' - 0"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	
D01	CORRIDOR	9	2' - 6"	7' - 0"	1 3/4"	WD	F1	STAIN	-	HM	1	DEP-1	B6/A0.6	C6/A0.6	C5/A0.6	-	

DOOR REMARKS

No.	REMARK
1	PAINT CORRIDOR SIDE OF EXISTING DOOR AND FRAME ONLY.
2	EXISTING DOOR, FRAME, AND HARDWARE TO REMAIN. NO WORK ON THIS DOOR.
3	PAINT BOTH SIDES OF EXISTING DOOR AND FRAME.
4	EXISTING DOOR AND FRAME TO REMAIN. PROVIDE NEW HARDWARE. SEE HARDWARE SET.
5	VAULT DOOR AND FRAME TO REMAIN. NO WORK ON THIS DOOR.
6	DOOR IS PART OF STOREFRONT SYSTEM. REFER TO SHEET A0.5 FOR MORE DETAILS.
7	PAINT BOTH SIDES OF EXISTING HM FRAME. REPAIR OR REFINISH EXISTING WOOD DOOR.
8	INSULATED DOOR. REFER TO SPECIFICATIONS.
9	EXISTING FRAME TO REMAIN. PAINT BOTH SIDES OF FRAME. PROVIDE NEW WOOD DOOR SLAB AND HARDWARE FOR EXISTING FRAME. FIELD VERIFY EXISTING CONDITIONS.
10	SIGN TYPE 1 AT THIS DOOR.
11	SIGN TYPE 2 AT THIS DOOR.
12	SIGN TYPE 3 AT THIS DOOR.
13	SIGN TYPE 4 AT THIS DOOR, ON INTERIOR SIDE.
14	FIELD VERIFY EXISTING CONDITIONS FOR EXTERIOR DOOR OPENING AND NECESSARY FRAME WIDTHS.

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Renovation
Greenville National Bank Main Branch
446 SOUTH BROADWAY STREET, GREENVILLE, OH 45331
AND 114 WEST 4TH STREET, GREENVILLE, OH 45331

ISSUE

NO.	DATE	DESCRIPTION
1	05/14/2026	FOR BID AND PERMIT
2	06/04/2026	ADDENDUM 3

DATE	05/14/2026
JOB NO.	4275.01
DRAWN	MSM/KA
CHECKED	MLW

TITLE
DOOR SCHEDULES

SHEET NO.
A0.3

6/4/2026 10:32:01 AM

STOREFRONT SCHEDULE(WINDOWS)

TYPE	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	JAMB	HEAD	SILL	HEAD HEIGHT	COMMENTS
SF-1	5' - 4"	3' - 0"	F1/A0.8 SIM.	E1/A0.8	C5/A0.8	4' - 6"	1, 2, 6, 7
SF-2	3' - 7"	2' - 7"	E5/A0.8	E5/A0.8 SIM.	F5/A0.8	6' - 9"	1, 2, 6, 7, 8
SF-3	3' - 4"	6' - 9"	B1/A0.7	D1/A0.7	F1/A0.7	10' - 6"	1, 2, 7
SF-4	1' - 4"	6' - 9"	B1/A0.7	D1/A0.7	F1/A0.7	10' - 6"	1, 2, 7
SF-5	10' - 6"	6' - 9"	B1/A0.7	D1/A0.7	F1/A0.7	10' - 6"	1, 2, 7
SF-6	13' - 0"	6' - 9"	B1/A0.7	D1/A0.7	F1/A0.7	10' - 6"	1, 2, 7
SF-7	3' - 4"	7' - 5"	B1/A0.7	D1/A0.7	F1/A0.7	9' - 5 1/2"	1, 2, 7
SF-8	7' - 0"	7' - 5"	B1/A0.7	D1/A0.7	F1/A0.7	9' - 5 1/2"	1, 2, 7
SF-9	6' - 0"	6' - 10"	F1/A0.8	E1/A0.8	C1/A0.8	8' - 6"	1, 2, 6, 7
SF-10	3' - 0"	6' - 10"	F1/A0.8	E1/A0.8	C1/A0.8	8' - 6"	1, 2, 6, 7
SF-11	3' - 8"	6' - 6"	F1/A0.8	E1/A0.8	C5/A0.8	7' - 3"	1, 2, 6, 7

STOREFRONT SCHEDULE(DOORS)

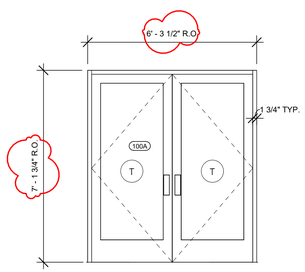
TYPE	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	JAMB	HEAD	SILL	HEAD HEIGHT	COMMENTS
SF-12	3' - 4"	8' - 6"	F3/A0.8	C3/A0.8	F1/A0.6	8' - 6"	1, 2, 4, 6
SF-13	3' - 4"	7' - 2"	F3/A0.8	E3/A0.8	F1/A0.6	7' - 2"	1, 2, 4, 6
SF-14	6' - 4"	9' - 0"	F5/A0.7 SIM.	F3/A0.7 SIM. AND F5/A0.6	F1/A0.6	9' - 0"	1, 2, 4
SF-15	6' - 3 1/2"	9' - 0"	C3/A0.6	E3/A0.6	F3/A0.6	9' - 0"	3, 5
SF-16	6' - 4"	7' - 2"	F5/A0.7	F3/A0.7	F1/A0.6	7' - 2"	1, 2, 4
SF-17	6' - 3 1/2"	7' - 1 3/4"	C3/A0.6	B3/A0.6	F3/A0.6	7' - 1 3/4"	3, 5

STOREFRONT REMARKS

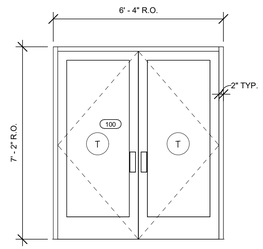
No.	REMARK
1	STOREFRONT BEING INSTALLED IN EXISTING EXTERIOR OPENING. FIELD VERIFY MEASUREMENTS AND CONDITIONS DURING CONSTRUCTION.
2	BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZE 451T FRAMING SYSTEM WITH 2" x 4 1/2" MULLIONS AND 1" INSULATED, TINTED GLAZING UNLESS NOTED OTHERWISE.
3	BASIS OF DESIGN: KAWNEER TRIFAB VERSAGLAZEE 450 FRAMING SYSTEM WITH 1 3/4" x 4 1/2" MULLIONS AND CLEAR GLAZING.
4	EXTERIOR DOOR BASIS OF DESIGN: KAWNEER INSULPOUR 350T MEDIUM STILE THERMAL ENTRANCE DOOR.
5	INTERIOR DOOR BASIS OF DESIGN: KAWNEER 350 MEDIUM STILE STANDARD ENTRANCE DOOR.
6	INSTALL NEW STOREFRONT SYSTEM IN SAME MANNER AS EXISTING WINDOW OR DOOR. CONSTRUCTION OF WALL IS UNKNOWN. VERIFY INSTALLATION WITH ARCHITECT AFTER REMOVAL OF EXISTING WINDOW.
7	WINDOW SHADE THIS WINDOW. REFER TO SPECIFICATIONS FOR DETAILS.
8	45 MINUTE, FIRE RATED ALUMINUM WINDOW.

T TEMPERED GLASS PANEL

ALL STOREFRONT: 1/4" MAXIMUM CAULK JOINT AT JAMBS AND HEADS
5/8" MAXIMUM CAULK JOINT AT SILLS



C1 SF-17
3/8" = 1'-0"



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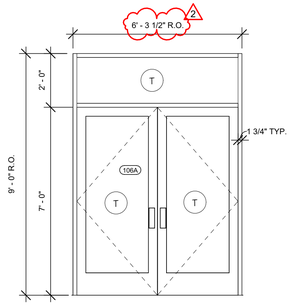

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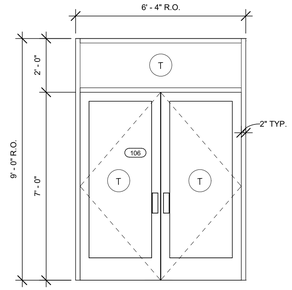

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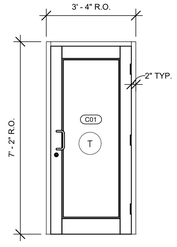

E1 SF-13
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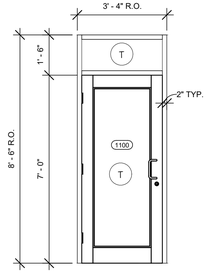
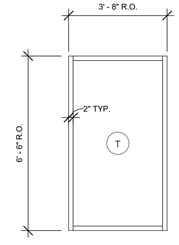
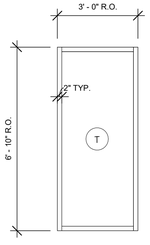


E2 SF-12
3/8" = 1'-0"



E3 SF-11
3/8" = 1'-0"



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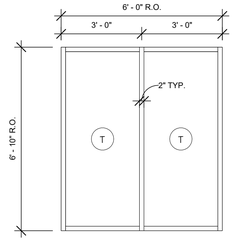
3/8" = 1'-0"



E5 SF-9
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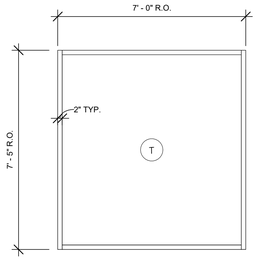

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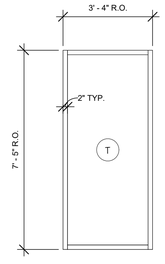

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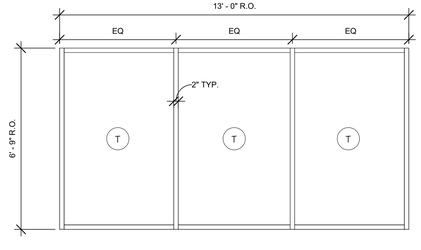

F1 SF-6
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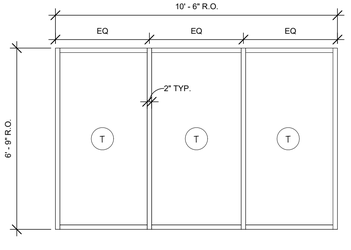

F2 SF-5
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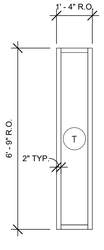

F4 SF-4
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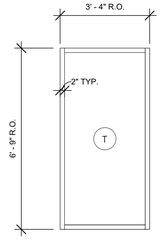

F5 SF-3
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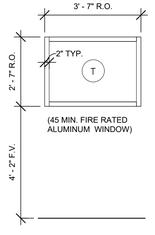

F6 SF-2
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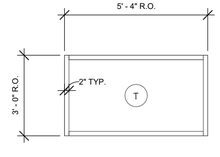

F7 SF-1
3/8" = 1'-0"

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STATE OF OHIO MARIANNE L. WEBER 9675 REGISTERED ARCHITECT

Marianne L. Weber License #9675
Expiration Date 12/31/2027

Renovation
Greenville National Bank Main Branch

446 SOUTH BROADWAY STREET, GREENVILLE, OH 45331
AND 114 WEST 4TH STREET, GREENVILLE, OH 45331

ISSUE

NO.	DATE	DESCRIPTION
	05/14/2026	FOR BID AND PERMIT
2	06/04/2026	ADDENDUM 3

DATE	05/14/2026
JOB NO.	4275.01
DRAWN	MSM/KA
CHECKED	MLW

TITLE
STOREFRONT SCHEDULE

SHEET NO.
A0.5

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GENERAL NOTES

A. PATCH AND REPAIR ANY EXISTING WALLS WITHIN SCOPE OF WORK TO RECEIVE NEW FINISHES.

B. ALL NEW WALLS ARE A1 U.N.O.

C. PROVIDE BLOCKING FOR ALL WALL MOUNTED ITEMS. IF REQUIRED, PATCH GYPSUM BOARD AS NEEDED TO INSTALL BLOCKING IN EXISTING WALLS.

D. NO ARCHITECTURAL WORK ON ROOF. REFER TO MEP AND ABATEMENT DRAWINGS FOR WORK ON ROOF. PATCHING AND REPAIRING REQUIRED FROM PENETRATIONS TO BE MADE BY TRADE CONTRACTOR.

BID ALTERNATE A-1: REMOVE EXISTING BUILT-UP ROOF SYSTEM FOR MAIN BUILDING. REPLACE ANY DAMAGED ROOF SHEATHING. PROVIDE AND INSTALL NEW RIGID INSULATION, TAPERED INSULATION, AND EPDM ROOFING MEMBRANE.

E. PRIOR TO CONSTRUCTION, FIELD INVESTIGATE EXISTING CONDITIONS AND FIELD VERIFY EXISTING DIMENSIONS AND FLOOR ELEVATIONS. NOTIFY THE OWNER AND THE ARCHITECT OF DISCREPANCIES.

F. REPAIR, LEVEL, AND PREPARE EXISTING FLOOR SUBSTRATE OR SLABS TO RECEIVE NEW FLOOR FINISH INCLUDING AREAS WHERE EXISTING WALLS ARE REMOVED. SLAB AND SUBSTRATE CONDITIONS MUST MEET (OR EXCEED) THOSE REQUIREMENTS AS ESTABLISHED BY THE FLOORING MANUFACTURER.

G. EXISTING WALL SURFACES TO RECEIVE NEW SCHEDULED FINISHES SHALL BE PREPARED IN A MANNER ACCEPTABLE TO THE FINISH MANUFACTURER.

H. PRIOR TO DEMOLITION, VERIFY THAT EXISTING UTILITIES HAVE BEEN DISCONNECTED AND CAPPED, AND TEMPORARY SHORING IS IN PLACE TO PREVENT MOVEMENT, SETTLEMENT, AND COLLAPSE OF CONSTRUCTION.

I. NEW EASED EDGE SOLID SURFACE WINDOW SILL BY GC AT ALL WINDOWS.

J. NEW ROLLER SHADES TO BE PROVIDED AND INSTALLED AT ALL EXTERIOR WINDOWS.

K. WHERE FINISH FLOOR MATERIAL OF DIFFERENT THICKNESS COMES TOGETHER, INSTALL ALUMINUM TERMINATION STRIPS. LOCATE CHANGES IN MATERIAL OR DIRECTION AT OPENINGS (UNDER DOORS).

L. THE CONSTRUCTION WORK AREA HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS (ACMS). ASBESTOS ABATEMENT WILL BE PERFORMED BY OWNER'S CONTRACTOR PRIOR TO THE COMMENCEMENT OF THIS PROJECT PHASE. NEITHER THE ARCHITECT NOR THE OWNER CAN GUARANTEE THAT NO OTHER "ACMS" WILL BE ENCOUNTERED BY THE CONTRACTOR DURING THE COURSE OF WORK. IF THE CONTRACTOR OBSERVES A CONSTRUCTION MATERIAL WHICH IS SUSPECTED TO BE "ACMS", THE CONTRACTOR SHOULD IMMEDIATELY STOP WORK, DO NOT DISTURB IT AND CONTACT THE OWNER FOR FURTHER INSTRUCTIONS.

= NO ARCHITECTURAL WORK THIS ROOM

CONSTRUCTION NOTES

(00) INDICATES CONSTRUCTION NOTE.

1 NO ARCHITECTURAL WORK THIS ROOM.

2 REFINISH DAMAGED GYPSUM BOARD. PREP FOR PAINT.

3 REFINISH APPROXIMATELY 50 SF OF DAMAGED GYPSUM BOARD. EVALUATE IF MORE WORK TO REPAIR BASEMENT WALL IS NECESSARY. NOTIFY ARCHITECT AND OWNER OF FINDINGS.

4 INSTALL RELOCATED CABINETS AND COUNTERTOP FROM KICTHEN 016. REFER TO DEMO PLAN A1.1 FOR MORE DETAILS.

5 EXISTING SLOPED FLOOR TO REMAIN.

6 INSTALL NEW PLUMBING FIXTURES AND TOILET ACCESSORIES. REFER TO INTERIOR ELEVATIONS AND PLUMBING DRAWINGS.

7 INSTALL NEW FLOORING AND WALL BASE AS NOTED ON FINISH SCHEDULE.

8 PREP WALLS FOR NEW PAINT. REPAIR ANY DAMAGED GYPSUM BOARD. REFER TO FINISH SCHEDULE.

9 EXTENT OF NEW FINISHES.

10 PROVIDE AND INSTALL NEW TOILET PARTITIONS.

11 PREP AND PAINT HANDRAILS AND STRINGERS.

12 PREP BOTH SIDES OF EXISTING DOOR AND/OR FRAME FOR PAINT. WOOD DOORS DO NOT RECEIVE PAINT. PAINT HM DOORS AS INDICATED. REFER TO DOOR SCHEDULE FOR MORE DETAILS. DO NOT PAINT OVER FIRE RATING NOTATIONS IF APPLICABLE.

13 PREP CORRIDOR SIDE OF EXISTING DOOR AND/OR FRAME FOR PAINT. WOOD DOORS DO NOT RECEIVE PAINT. PAINT HM DOORS AS INDICATED. REFER TO DOOR SCHEDULE FOR MORE DETAILS. DO NOT PAINT OVER FIRE RATING NOTATIONS IF APPLICABLE.

14 COAT RACK. REFER TO INTERIOR ELEVATIONS.

15 FILL IN GYPSUM BOARD RECESS APPROXIMATELY 9'-6" A.F.F. TO 6" ABOVE CEILING. APPROXIMATE TOTAL INFILL REQUIRED IS (2) 8' X 1'. INFILLED WALL TO BE FLUSH WITH EXISTING WALL. PREP TO RECEIVE NEW PAINT.

16 WRAP EXISTING COLUMN WITH GYPSUM BOARD TIGHT TO STEEL COLUMN. REFER TO SHEET A0.8 FOR DETAILS.

17 PROVIDE AND INSTALL NEW STAIR FRAMING TO INFILL TRIANGLE TO MATCH EXISTING STAIR ELEVATIONS AND DEPTHS. REFER TO FINISH SCHEDULE TO PREP STAIRS TO RECEIVE NEW FINISHES.

18 PROVIDE AND INSTALL NEW HANDRAILS TO MATCH EXISTING WOOD HANDRAIL IN STAIR A. STAIN TO MATCH NEW WOOD DOOR SELECTION.

20 HIGH DENSITY FILING UNIT. OFOI.

22 NEW NIGHT DROP ACCESS CABINET.

23 EXISTING DEPOSIT BOXES TO REMAIN. MAINTAIN ACCESS TO FOR CUSTOMERS AT ALL TIMES.

24 REWRAP COLUMN TO 13" DIAMETER GYPSUM BOARD. PROVIDE WALL BASE AS NOTED ON FINISH SCHEDULE.

25 PROVIDE BLOCKING IN WALL FOR OWNER SUPPLIED TV. REFER TO EQUIPMENT LEGEND ON DIMENSION PLAN SHEET.

26 INFILL WALL TO BE FLUSH WITH ADJACENT EXISTING CONDITIONS. PATCH WALL AND PREP FOR NEW FINISHES. NOTIFY ARCHITECT IF WALL TYPE NEEDS REVISED TO MATCH EXISTING CONDITIONS.

27 REINSTALL SINK PORCELAIN AFTER CLEANING. TOILET TO BE NEW PORCELAIN FIXTURE. REFER TO PLUMBING DRAWINGS. PROVIDE NEW TOILET ACCESSORIES. REFER TO INTERIOR ELEVATIONS FOR DETAILS.

28 REINSTALL SINK AND TOILET PORCELAIN AFTER CLEANING. REFER TO PLUMBING DRAWINGS. PROVIDE NEW TOILET ACCESSORIES. REFER TO INTERIOR ELEVATIONS FOR DETAILS.

29 REINSTALL TOILET AND URINAL FIXTURES AFTER CLEANING. REFER TO PLUMBING DRAWINGS.

30 PROVIDE AND INSTALL NEW SINK CASEWORK AND SINK FIXTURES. REFER TO INTERIOR ELEVATIONS AND PLUMBING DRAWINGS.

31 PROVIDE AND INSTALL NEW TOILET ACCESSORIES. REFER TO INTERIOR ELEVATIONS.

32 SYSTEMS FURNITURE TO BE INSTALLED IN THIS AREA. REFER TO FLOOR FINISH PLANS FOR REFERENCE. SYSTEMS FURNITURE TO BE OWNER FURNISHED AND OWNER INSTALLED.

33 CONTRACTOR TO INSTALL TV BRACKET FROM CEILING. PROVIDE BLOCKING AS NEEDED TO SECURE BRACKET. CENTER TV BRACKET BETWEEN WINDOWS.

34 PROVIDE AND INSTALL NEW CASEWORK. REFER TO INTERIOR ELEVATIONS FOR DETAILS.

35 PROVIDE AND INSTALL NEW ROLLER SHADES FOR EACH EXTERIOR WINDOW OPENING. FOR WINDOWS WITH MULTIPLE BAYS, PROVIDE INDIVIDUAL SHADE FOR EACH BAY WITH END OF SHADE CENTERED ON MULLION WHERE ADJACENT TO SHADE AND EXTENDED TO END OF FRAME AT ENDS OF WINDOW. FIELD VERIFY EXISTING CONDITIONS. PROVIDE AND INSTALL NEW SOLID SURFACE SILL WITH EASED EDGES.

36 SHAFT WALL TO REMAIN FROM BOTTOM OF WINDOW TO BASEMENT LEVEL. PROVIDE NEW WINDOW SILL TO EXTEND 1/2" BEYOND SHAFT WALL. FIELD VERIFY CONDITIONS. REFER TO INTERIOR ELEVATIONS FOR MORE DETAILS.

37 NEW TELLER COUNTER AND RECEPTION DESK.

38 PROVIDE AND INSTALL CUSTOM VINYL WALL MURAL. OWNER TO PROVIDE IMAGE.

39 EXISTING SERVER RACKS TO REMAIN DURING CONSTRUCTION. COORDINATE WITH OWNER AND OWNER'S IT TO MAINTAIN SERVICE DURING CONSTRUCTION.

40 PORTION OF ELECTRICAL CLOSET WALL TO REMAIN AS REQUIRED TO MAINTAIN ELECTRICAL PANEL. MAINTAIN MINIMUM 3'-0" CLEARANCE AS SHOWN. NOTIFY ARCHITECT IF MORE OF WALL CAN BE REMOVED WHILE MAINTAINING ELECTRICAL CLOSET NEEDS. REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION.

41 EXISTING ELECTRICAL EQUIPMENT TO REMAIN. REFER TO ELECTRICAL DRAWINGS.

42 REFRIGERATOR. OFCI. REFRIGERATOR TO INCLUDE WATER SPOUT FOR FILTERED DRINKING WATER. REFER TO EQUIPMENT LEGEND ON DIMENSION PLAN SHEETS.

43 SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH CONTRACTOR FURNISHED FIRE EXTINGUISHER. REFER TO SPECIFICATIONS AND MOUNTING AND CLEARANCE STANDARDS ON SHEET A0.1 FOR DETAILS.

44 WALL HUNG FIRE EXTINGUISHER. CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. COORDINATE EXACT LOCATION WITH WALL MOUNTED MEP ITEMS.

45 EXISTING FIRE EXTINGUISHER TO REMAIN. REMOVE AND REINSTALL AS REQUIRED FOR WALL TO RECEIVE NEW FINISHES.

46 EXISTING WOOD PANELING, BASE, AND TRIM TO REMAIN. REPAIR WOOD BASE PANELING AS REQUIRED FOR RADIANT TUBE HEATER REMOVAL. PAINT WALLS ABOVE WOOD PANEL AS NOTED ON FINISH SCHEDULE. PROVIDE AND INSTALL NEW FLOORING.

47 INSTALL NEW ELEVATOR SHAFT AND CAB. REFER TO ELEVATOR SECTIONS, STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILS.

48 REMOVE HANDRAIL, STRIP STAIN AND RESTAIN TO MATCH NEW WOOD DOOR SELECTION. REINSTALL HANDRAIL.

49 INFILL NEW WALL TO MATCH EXISTING CONDITIONS AFTER NEW TOILET CARRIER INSTALLATION. REFER TO PLUMBING DRAWINGS.

50 INSTALL 24"x24" FIRE RATED ACCESS PANEL WITH LOCK APPROXIMATELY 6" A.F.F. FOR BASEMENT DAMPERS. COORDINATE EXACT LOCATION WITH MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR MORE INFORMATION. PAINT ACCESS DOOR WITH EPOXY PAINT TO MATCH ADJACENT COLOR. BASIS OF DESIGN: BEST ACCESS DOORS. MODEL NUMBER: BA-FRN-DF-24-24 WITH KEY OPERATED CYLINDER CAM LATCH.

51 NEW BACK LIT LOGO APPROXIMATELY 2" DEEP WALL SIGN. 4'-0" TALL. WIDTH IS APPROXIMATE AND DETERMINED BY LOGO GEOMETRY. COORDINATE ARTWORK AND EXACT DIMENSIONS WITH OWNER. SIGN ADJACENT TO DOOR 106A TO BE CENTERED ON DOOR OPENING.

52 PROVIDE AND INSTALL NEW MOP SINK. REFER TO PLUMBING DRAWINGS.

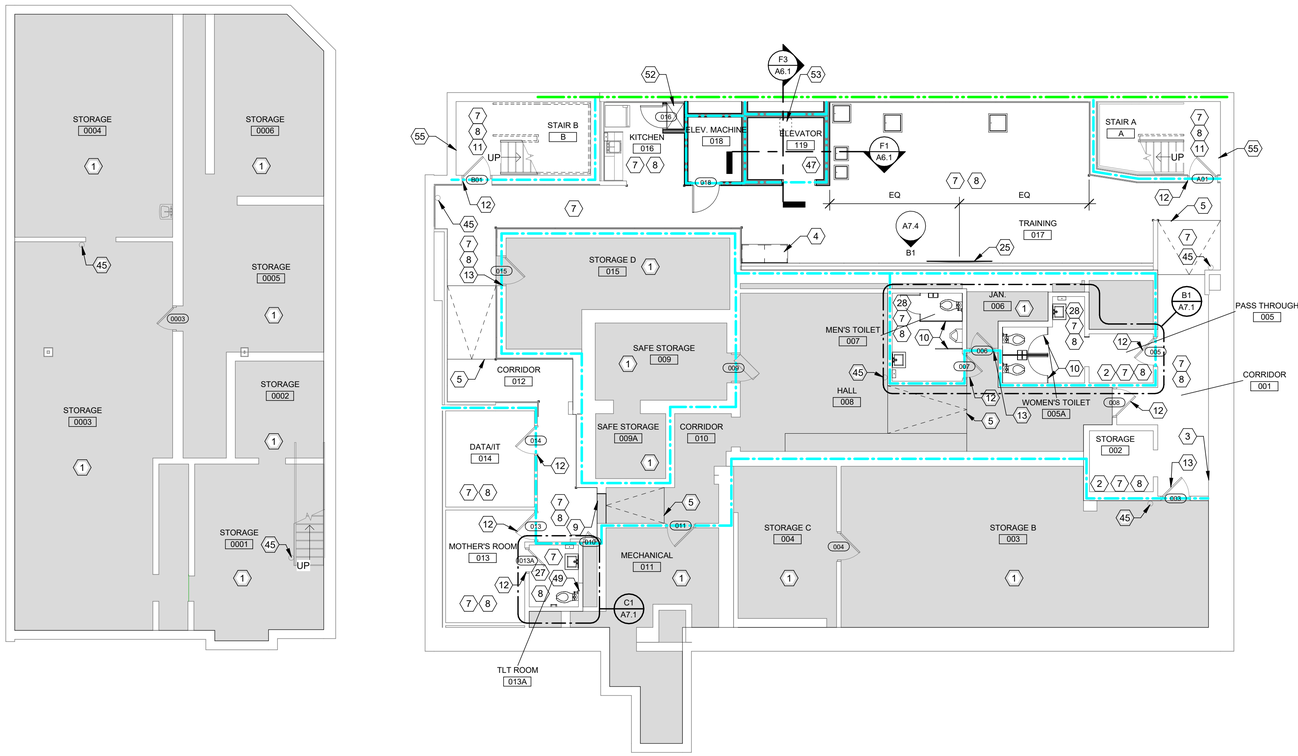
53 SUMP PUMP PIT. CENTER PIT IN ELEVATOR OPENING ALONG NORTH SIDE OF ELEVATOR WALL. REFER TO ELEVATOR SECTIONS ON A6.1. REFER TO PLUMBING AND STRUCTURAL DRAWINGS.

54 REINSTALL SALVAGED WATER FOUNTAIN AND BOTTLE FILL STATION. REFER TO PLUMBING DRAWINGS.

55 EXISTING UNIT HEATER TO REMAIN. REMOVE COVER, CLEAN, AND REPAINT.

56 REBUILD WALL AS REQUIRED AFTER MEP WORK HAS BEEN COMPLETED. EXISTING UNIT HEATER TO REMAIN OR REINSTALL EXISTING UNIT HEATER IF REMOVED.

57 NEW 45 MINUTE, FIRE RATED ALUMINUM WINDOW.



F2 BASEMENT REFERENCE PLAN
1/8" = 1'-0"

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STATE OF OHIO MARIANNE L. WEBER 9675 REGISTERED ARCHITECT
Marianne L. Weber. License #9675
Expiration Date 12/31/2027

Renovation
Greenville National Bank Branch
446 SOUTH BROADWAY STREET, GREENVILLE, OH 45331
AND 114 WEST 4TH STREET, GREENVILLE, OH 45331

ISSUE

NO.	DATE	DESCRIPTION
	05/14/2026	FOR BID AND PERMIT
2	06/04/2026	ADDENDUM 3

DATE	05/14/2026
JOB NO.	4275.01
DRAWN	MSM/KA
CHECKED	MLW

TITLE
BASEMENT REFERENCE PLAN

SHEET NO.
A1.2

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RTU TEMP. CONTROL NOTES

1. STANDARD AIRSIDE CONTROLS - THE UNIT MANUFACTURER SHALL PROVIDE FROM THE FACTORY ALL ONBOARD CONTROL DEVICES AND WIRE THEM TO A TERMINAL STRIP. REFER TO THE CONTROLS DIAGRAM FOR ALL REQUIRED DEVICES AND CONTROL POINTS RESPONSIBLE BY THE MANUFACTURER. THE T.C. SHALL PROVIDE A BACNET ROOFTOP UNIT CONTROLLER AND WIRE THEIR POINTS FROM THE STRIP TO THE RTU CONTROLLER AS REQUIRED TO SEND AND RECEIVE ALL REQUIRED SIGNALS TO/FROM THE UNIT FOR OPERATION.

2. COOLING SYSTEM CONTROLS - THE UNIT MANUFACTURER SHALL PROVIDE AN OBOARD MICROPROCESSOR CONTROLLER FOR CONTROL OF THE REFRIGERATION SYSTEM. THE T.C. SHALL PROVIDE AN ANALOG INPUT TO THE BOARD FOR MODULATION CONTROL OF THE REFRIGERATION COOLING SYSTEM TO CONTROL THE SUPPLY AIR TEMPERATURE OF THE UNIT. COOLING SYSTEM SAFETIES AND ALARMS SHALL BE MONITORED AND REPORTED THROUGH THE DDC SYSTEM.

3. HEATING SYSTEM CONTROLS - THE UNIT MANUFACTURER SHALL PROVIDE AN ONBOARD MICROPROCESSOR CONTROLLER FOR THE CONTROL OF THE GAS HEATING FURNACE. THE T.C. SHALL PROVIDE AN ANALOG INPUT TO THE BOARD FOR MODULATION CONTROL OF THE FURNACE COMBUSTION AIR, IGNITION AND GAS TRAIN SYSTEM TO CONTROL THE SUPPLY AIR TEMPERATURE OF THE UNIT. HEATING SYSTEM SAFETIES AND ALARMS SHALL BE MONITORED AND REPORTED THROUGH THE DDC SYSTEM.

4. ALL OTHER CONTROL POINTS AND DEVICES REQUIRED FOR THE OPERATION OF THE UNIT SHALL BE PROVIDED AND WIRED BY THE T.C. TO THE RTU CONTROLLER.

PACKAGED ROOFTOP UNITS

UNIT TAG	RTU-1
BASIS OF DESIGN	DAIKIN #DPSC30B
SERVICE	BANK BUILDING
DESCRIPTION	GAS HEATING, ELECTRIC DX PACKAGED UNIT
UNIT OPERATION	VARIABLE AIR VOLUME (VAV) MULTIZONE
MOUNTING	ROOFTOP
EVAPORATOR FAN	
AIRFLOW (CFM)	9,750
ESP. (" W.G.)	1.5"
FAN TYPE	SWSI AF - 24"
VARIABLE FREQUENCY DRIVE/ECM	ECM
RELIEF FAN	
AIRFLOW (CFM)	9,000
ESP. (" W.G.)	0.5"
FAN TYPE	PROP
VARIABLE FREQUENCY DRIVE	VFD
MOTOR (HP) - QTY. 2	1.5 HP (EA)
FILTER	
PRE-FILTER	2" MERV 9
FINAL FILTER	2" MERV 14
COOLING - BASED ON 95/76 (DB/WB) O.A. & 78 DB, 50% RH R.A.	
TOTAL (MBH)	325
SENSIBLE (MBH)	260
ENTER. AIR (DB/WB)	76.5/63.2
SUPPLY AIR (DB/WB)	51.1/51.1
EER/IEER	10.4/16.7
HEATING - REQ. NATURAL GAS INPUT PRESSURE: 4.5" W.C. MIN./14" W.C. MAX. -BASED ON 0°F O.A., 68°F R.A. CONDITIONS	
GAS INPUT (MBH)	300
OUTPUT (MBH)	243
ENTER. AIR DB	60
SUPPLY AIR (DB/WB)	83
ELECTRIC	
MCA	165
MOCP	200
VOLTAGE/HZ/PHASE	230/3
PHYSICAL UNIT DATA	
LENGTH (IN.)	203
WIDTH (IN.)	77
HEIGHT (IN.) - NOT INCLUDING CURB	72
MAX UNIT OP. WEIGHT (LBS)	4,500
UNIT OPTIONS	
ECONOMIZER HOOD	•
MIN. O.A. HOOD	
CONSTANT AIR VOLUME	
VARIABLE AIR VOLUME	•
POWERED RELIEF FAN	•

NOTES:

1. SEE ROOFTOP UNIT MOUNTING DETAIL, DETAILS 3&4, SHEET H4.3.
2. COOLING COIL CONDENSATE TRAP PER DETAIL 5, SHEET H4.3.
3. UNIT TO OPERATE IN VAV MULTIZONE. REFER TO FLOOR PLANS FOR ZONE SENSOR...

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STATE OF OHIO
JEFFREY D. ZELINSKI
63822
REGISTERED PROFESSIONAL ENGINEER

JEFFERY D. ZELINSKI, LICENSE #63822
EXPIRATION DATE 12/31/2027

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ISSUE

NO.	DATE	DESCRIPTION
1	5/14/2026	FOR BIDDING AND PERMIT
3	6/04/2026	ADDENDUM 3

DATE	5/14/2026
JOB NO.	4275.00
DRAWN	DRH
CHECKED	JDZ

TITLE
ROOFTOP UNIT SCHEDULE

SHEET NO.
H0.3

NAUMAN & ZELINSKI LLC.
204 S. Ludlow Street Suite 400 Dayton, Ohio 45402
Phone: (937) 223-3921

PROJECT # 25054

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