Office Use Only

COA Number: _____

Application Accepted as Complete: _____

LOCAL HISTORIC AND CONSERVATION DISTRICTS

HISTORIC PRESERVATION COMMISSION

Board Review Checklists for Certificate of Appropriateness Application

Additions

Per House Bill 493, detailed checklists of items required to be submitted for each type of project are supplemental to this application. Each item **must be checked off and a page number where the item is located must be noted** and included with the application**.** The applicant must sign the affidavit, at the end of the application and each required checklist, certifying that all required items are provided. If there are questions regarding items required for your specific project, contact staff for clarification prior to submitting the application.

Applications that do not provide documentation or required materials will be noted as incomplete and may result in delays in the Board or Staff's review of the application and/or denial of the request. Revisions made to the applications after the submittal deadline and prior to the Board hearing may be continued to the following month's hearing. The Board reserves the right to require additional information if it believes that the submission of such information is necessary to understand the nature of the intended activity.

ADDITIONS.

- ■ **REQUIRED** Pre-Application Conference (Sec. 3.18.4.a. of the zoning ordinance):
  Date attended and with which staff member: Leah Mihalik 1.24.2023
- ■ Provide one (1) electronic copy of the entire submittal packet. (Email to historic@thempc.org with 15MB max)
- ■ Page No. 1: Written project description.
- ❑ Page No. NA: Written description of each Special Exception requested.
- ■ Page No. NA: GDP (non-residential only) and SPR meeting date attended.
- ■ Page No. ASP1: Existing and proposed lot coverage percentages.
- ■ Page No. CNXT 1: Color photographs (subject building and context).
- ■ Page No. D1: Demolition plans (floor plans and elevations) showing all areas and materials to be removed.
- ■ Page No. ASP1: Site Plan:
  - ■ Adjacent buildings with setback dimensions.
  - ■ Lot dimensions.
  - ■ Property lines.
  - ■ Streets, lanes, and sidewalk.
  - ■ Curb cuts with width dimensions.
  - ■ Garage apron locations.
  - ■ Existing building and addition with dimensions and setbacks.
  - ■ Fences (existing and proposed).
  - ■ Electric meter locations.
  - ■ Refuse storage area.
  - ■ All ground and roof equipment including screening.
- ■ Page No. A1: Floor Plans:

- ■ Dimensions.
- ■ Labeled interior spaces.

■ Page No. A1.1: Roof Plan:

- ■ Roof pitches.
- ■ Equipment and screening.

■ Page No. A2: Exterior Elevations:

- ■ Adjacent buildings with height dimensions.
- ■ Dimensioned floor-to-floor heights.
- ■ Stoop heights.
- ■ Height of parapet walls.
- ■ Locations and dimensions of all windows, doors, and other openings.
- ■ Porches, balconies, railings heights, and baluster spacing.
- ■ Fences, equipment, etc. with dimensions.
- ■ Roof equipment with screening heights and locations.

■ Page No. A3: Wall Sections (minimum of two through the addition):

- ■ Projections, window and door depths, off-sets, and opening recesses.

■ Page No. CNTXT 1: Sightline drawings of all additions from all adjacent public rights-of-way (streets and lanes).

■ Page No. 14: Specifications for each product.

■ Page No. NA: Physical material samples.

■ Page No. NA: Historic images, plans, etc. for a restoration or reconstruction.

Affidavit Certifying Completeness of Application:

I hereby acknowledge that I understand the requirements listed above for what constitutes a complete application. I have checked off each box and included a page number where the item is located. I confirm that the requirements for a complete application have been met.

Signature: _____ **Date:** 1.31.2023

LOCAL HISTORIC AND CONSERVATION DISTRICTS
HISTORIC PRESERVATION COMMISSION
Application for Certificate of Appropriateness

Per House Bill 493, **detailed checklists of items required to be submitted for each type of project** are supplemental to this application. **Each item must be checked off and a page number where the item is located must be noted and included with the application. The applicant must sign the affidavit**, at the end of the application and each required checklist, certifying that all required items are provided. If there are questions regarding items required for your specific project, contact staff for clarification prior to submitting the application.

Applications that do not provide documentation or required materials will be noted as incomplete and may result in delays in the Commission or Staff's review of the application and/or denial of the request. Revisions made to the applications after the submittal deadline and prior to the Commission hearing may be continued to the following month's hearing. The Commission reserves the right to require additional information if it believes that the submission of such information is necessary to understand the nature of the intended activity.

Submissions will only be accepted when emailed to historic@thempc.org. Ensure the file size does not exceed 10 MB.
For questions, email preservationquestions@thempc.org or call 912-651-1440.
Do not email questions to historic@thempc.org. If email is not available, contact the office for alternate arrangements.

Local Historic and Conservation Districts:

❑ Victorian Local Historic District	❑ Conservation District (Contributing Demolition only):
❑ Cuyler-Brownville Local Historic District	❑ Ardsley Park-Chatham Crescent
■ Streetcar Local Historic District	❑ Ardmore and Chatham Terrace
	❑ Parkside
	❑ Historic Carver Village / Flatman Village

Applicant Contact Information:

Name (Business & Contact): Rose Architects Kevin Rose
Address: 31 Maupas Ave
City: Savannah State: GA Zip: 31401
Phone: 912.308.4622 E-Mail Address: kevin@rosearch.co

Property Owner Contact Information:

Name: Melanie Marie Tyson
Address: 142 Hunter Lane
City: Savannah State: GA Zip: 31405
Phone: 912) 201-9158 E-Mail Address:

Official Correspondence: ■ Applicant ❑ Owner ❑ Other (Check all that apply)

Property Information of Proposed Work: (PIN and Zoning information can be found at https://www.sagis.org/map/.)

Address: 2302 Bull Street
PIN (Property Identification Number): 20065 39001 Zoning: TC-1

Scope of Work: (Check all that apply.)

STAFF REVIEW (two or less of the following*):			
❑ Roof Repair/Replace	❑ Shutters	❑ Brick Repointing	❑ Signs
❑ Awnings	❑ Windows and/or Doors	❑ Fences	
❑ Stucco Repair	❑ Mechanical Screening	❑ Non-Contributing Demolition	
COMMISSION REVIEW:		❑ New Construction, Large*** (Part I)	
❑ Contributing Demolition	■ Additions	❑ New Construction, Large*** (Part II) NO FEE	
■ Rehabilitation/Alterations*	❑ Relocation	❑ Special Exception(s) Requests	
❑ New Construction, Small** (Parts I and II)	❑ Alternative Energy Equipment (i.e solar panels)	❑ Variance Recommendation Requests NO FEE	
		❑ Determination of Contributing Status NO FEE	
OTHER:			
❑ Amendment to Previous COA Previous Case File Number:		❑ Other **(**Description): Contact staff for checklist requirements.	

* Three or more staff review items becomes a Commission Review.
** Small New Construction = cumulative footprint less than 4,000 square feet.
*** Large New Construction = cumulative footprint 4,000 square feet and greater.

2023 Historic Preservation Commission Schedule:

Application Deadline Dates, by 3:00 p.m.	**Meeting Date** (Time: 3:00 p.m.)
❑ Wednesday, January 4, 2023	Wednesday, January 25, 2023
■ February 1	February 22
❑ March 1	March 22
❑ April 6	April 26
❑ May 4	May 24
❑ June 7	June 28
❑ July 5	July 26
❑ August 2	August 23
❑ September 6	September 27
❑ October 4	October 25
❑ November 1	Monday, November 20*
❑ December 6	December 27
❑ January 3, 2024	January 24, 2024

* Rescheduled due to holidays.

2023 Pre-Application Conference Schedule: NEW!

Pre-Application Conference Day	**Pre-Application Conference Time**
First and Fourth Tuesdays of the Month	9am, 9:45am, 10:30am, 11:15am, 11:45am
First and Fourth Thursdays of the Month	1pm, 1:45pm, 2:30pm, 3:14pm, 4:30pm

Contact staff to schedule a pre-meeting: preservationquestions@thempc.org or call 912-651-1440.
Pre-meetings must be held a minimum of ONE WEEK before a deadline.

Estimated Cost of the Proposed Work: $_____

Filing Fee Schedule: (Fees shall be paid digitally at https://www.thempc.org/Application#gsc.tab=0)

Fee Description (Select one ONLY)	Filing Fee
❑ Cost of Scope of Work: $0 - $2,500	$25.00
❑ Cost of Scope of Work: $2,501- $5,000	$50.00
❑ Cost of Scope of Work: $5,001- $25,000	$75.00
❑ Cost of Scope of Work: $25,001- $50,000	$100.00
❑ Cost of Scope of Work: $50,001- $100,000	$150.00
■ Cost of Scope of Work: $100,001- $500,000	$200.00
❑ Cost of Scope of Work: $500,001 - $1,000,000	$300.00
❑ Cost of Scope of Work: $1,000,001 - $5,000,000	$500.00
❑ Cost of Scope of Work: $5,000,001 - $10,000,000	$1,000.00
❑ Cost of Scope of Work: Over $10,000,000	$1,500.00
❑ Demolition of a contributing building	$500.00
❑ Appeal of Staff Decision	$250.00
Additional Fees (Select in addition to above, if applicable)	**Filing Fee**
❑ Special Exception Request	$1,000.00
❑ Special Exception Request – (Church, Family Care Home, Family Daycare, Institutional Uses)	$500.00
❑ Amendment to previous COA	Estimated cost of scope of work of amendment
❑ After-the-Fact (Work completed without a COA)	Double the estimated fee of the scope of work

Affidavit Certifying Completeness of Application:

I hereby acknowledge that I understand the requirements listed above for what constitutes a complete application. I have checked off each box and included a page number where the item is located. I confirm that the requirements for a complete application have been met.

Signature: _____ **Date:** 1.31.2023

Signature of Legal Owner or Authorized Agent:

I have read and understand all the information enclosed in this application form. I hereby certify that I am the legal owner or authorized agent for the legal owner of the subject property.

Signature: _____ **Date:** 1.31.2023

Submissions will only be accepted when emailed to historic@thempc.org. Ensure the file size does not exceed 10 MB. Please do not submit questions to historic@thempc.org. For questions, email preservationquestions@thempc.org or call 912-651-1440. Please do not submit applications to preservationquestions@thempc.org. If email is not available, contact the office for alternate arrangements

A complete application submission consists of:

1. Complete, signed application
2. Complete, signed checklist(s) for each request
3. Checklist documentation
4. Payment receipt

Applications that do not provide documentation or required materials will be noted as incomplete and may result in delays in the Commission or Staff's review of the application and/or denial of the request.

ROSE
ARCHITECTS

1.31.2023

MPC Staff

Re: 2302 Bull Street

MPC Staff,

The project at 2302 Bull street is comprised of the adaptive re-use of a non-contributing structure from a barber shop to a restaurant and bar with a dog park component on the east side of the lot where a parking lot currently exists. The exterior will be rehabilitated in kind with a small addition on the back (east) side to accommodate some storage and a walk-in in cooler. The 2694 square foot structure will receive a 216 square foot addition to total in at 2,910 square feet. A pick up window will be added on the eastern façade out of the public view which will be used by dog park patrons to pick up food and drinks to be consumed in the viewing area.

With Regards,

Kevin F. Rose AIA NCARB

Context across 40th to the south.

Context to the west across Bull Street

Context to the west across Bull Street

Context across Bull Street to the North.

Context to the west across Bull Street

Context to the west across Bull Street

Context to the north across 39th street

View to the east down 39th street.

NOT FOR CONSTRUCTION

DRAWING INDEX

PROJECT TEAM

ARCHITECT

ROSE ARCHITECTS
311 MAUPAS AVE
SAVANNAH, GA 31401
KEVIN ROSE
PHONE: 912-484-5967
EMAIL: KEVIN@ROSEARCH.CO

GENERAL CONTRACTOR

TBD

MECHANICAL, ELECTRICAL, PLUMBING

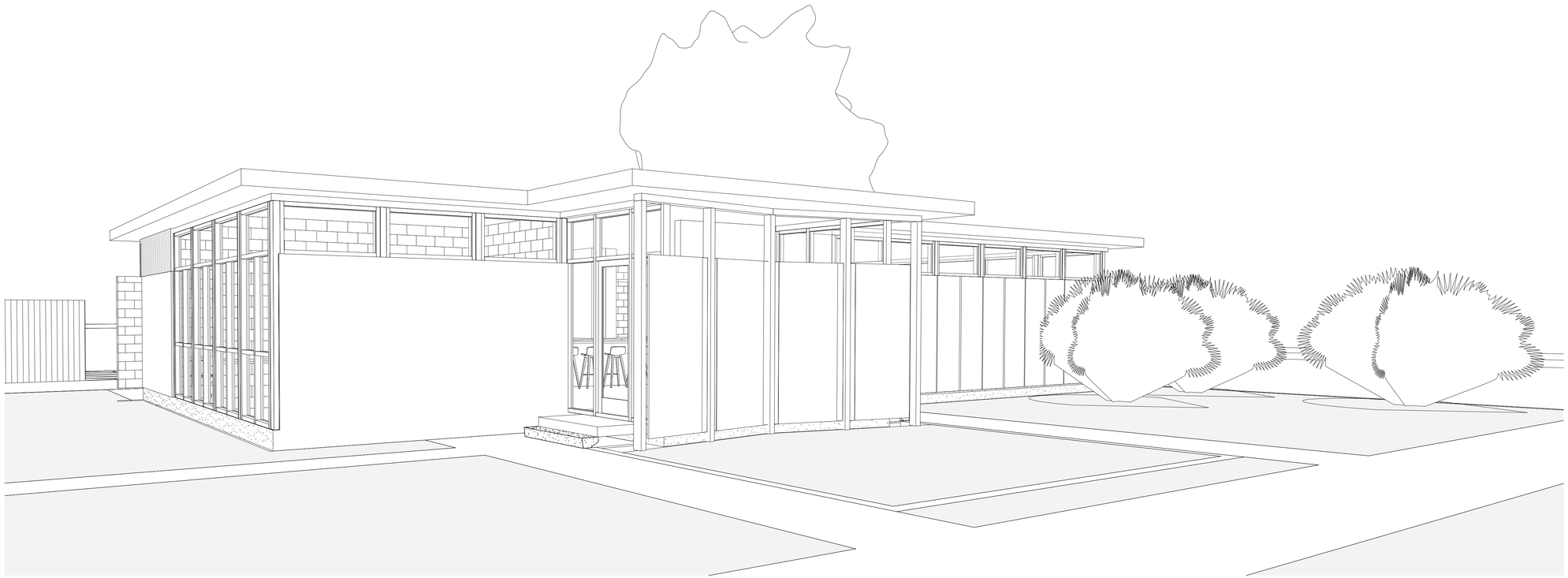
METHOD ENGINEERING GROUP
2 EAST BRYAN STREET, SUITE 1500C
SAVANNAH, GA, 31401
PHONE: 912 963 1611
EMAIL: INFO@METHODEG.COM

STRUCTURAL

SAPP STRUCTURAL
226 KENSINGTON DRIVE
SAVANNAH, GA 31405
PHONE: 912 704 2170
EMAIL: BSAPP@SAPPSTRUCTURAL.COM

SYMBOLS

Area Tag	Room name 150 SF
Callout Head	1 / A101 SIM
Centerline	℄
Door Tag	101
Grid Head	0
Keynote Tag	?
Level Head	Name Elevation
North Arrow	
Revision Tag	1
Room Tag	**Room name** 101
Room Tag w/ Area	**Room name** 101 150 SF
Spot Elevation	
Structural Beam System Tag	Beam Type @ Spacing
View Reference	1 / A101
Window Tag	1t
Wall Tag	1
Section Head	Indicates direction of drawing Indicates drawing number on sheet Indicates sheet number where drawn 1 / A101 SIM
Interior Elevation Marker	1 Ref Indicates direction of drawing Indicates drawing number on sheet A101
Exterior Elevation Marker	1 Ref Indicates sheet number where drawn A101



VINTAGE BAR

DRAWINGS PREPARED FOR:

TOM WIENCKOSKI
THE ESCAPE COMPANY
SAVANNAH, GA 31401
PHONE: 321 505 6757
EMAIL: TOM@THEESCAPECO.COM

PROJECT DESCRIPTION:

RENOVATION AND ADDITION OF AN EXISTING BUILDING AT 2302 BULL STREET. THE RENOVATION INCLUDES REMOVAL OF EXISTING INTERIOR WALLS WITH THE ADDITION OF A NEW BAR AND KITCHEN. THE EXTERIOR WILL INCLUDE A FENCED-IN AREA AT THE REAR WITH A WALK-UP TO GO WINDOW.

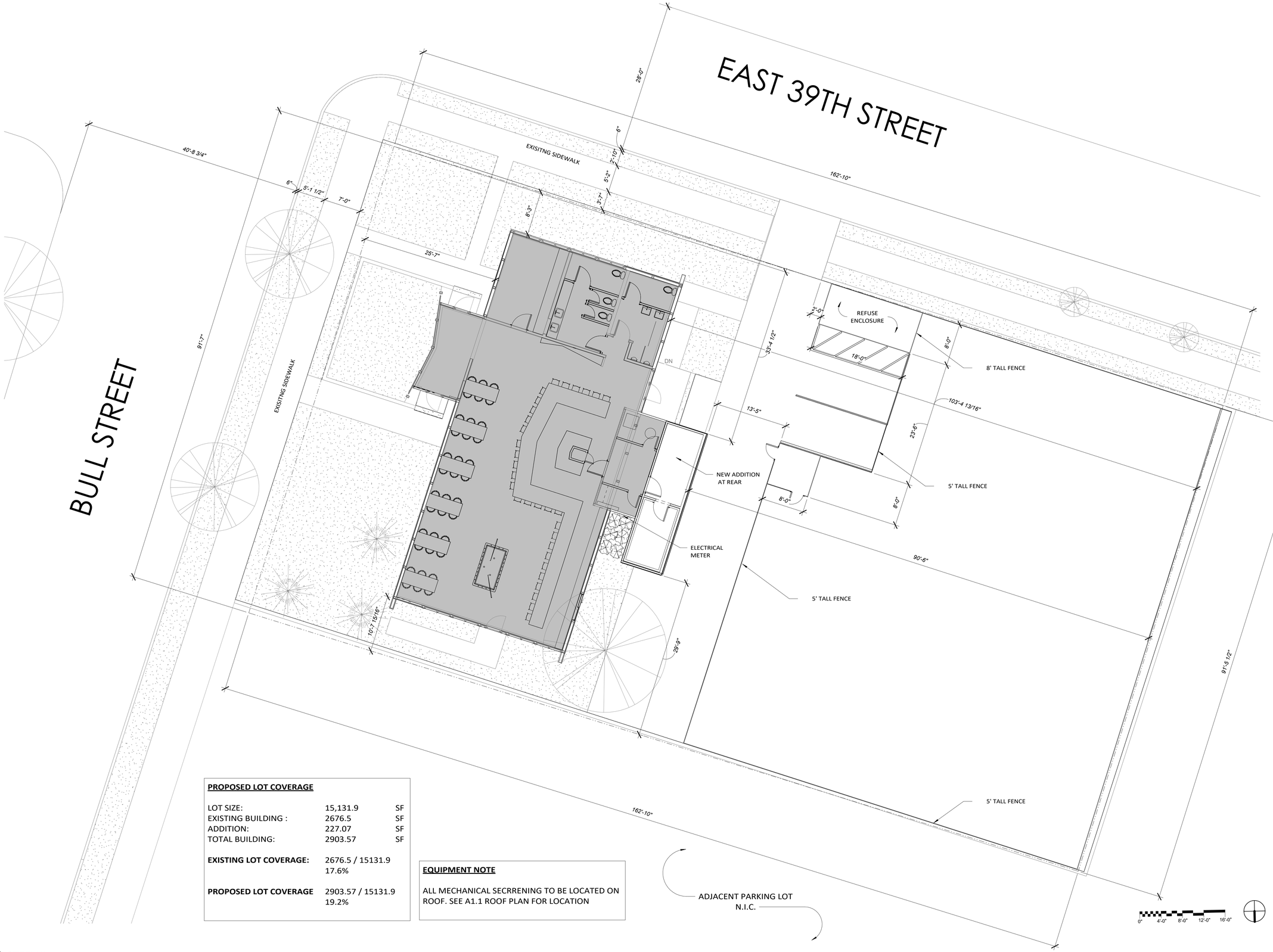
ROSE ARCHITECTS

STATE OF GEORGIA · KEVIN F. ROSE · CERTIFICATE NO. 027857 · REGISTERED ARCHITECT

2302 VINTAGE BAR
2302 Bull Street
Savannah, GA 31401

COVER SHEET
JK
KR
9/26/22

CVR



PROPOSED LOT COVERAGE

LOT SIZE:	15,131.9	SF
EXISTING BUILDING :	2676.5	SF
ADDITION:	227.07	SF
TOTAL BUILDING:	2903.57	SF
EXISTING LOT COVERAGE:	2676.5 / 15131.9	
	17.6%	
PROPOSED LOT COVERAGE	2903.57 / 15131.9	
	19.2%	

EQUIPMENT NOTE

ALL MECHANICAL SECRRENING TO BE LOCATED ON ROOF. SEE A1.1 ROOF PLAN FOR LOCATION

1 / A0.0 SITE PLAN
1/8" = 1'-0"

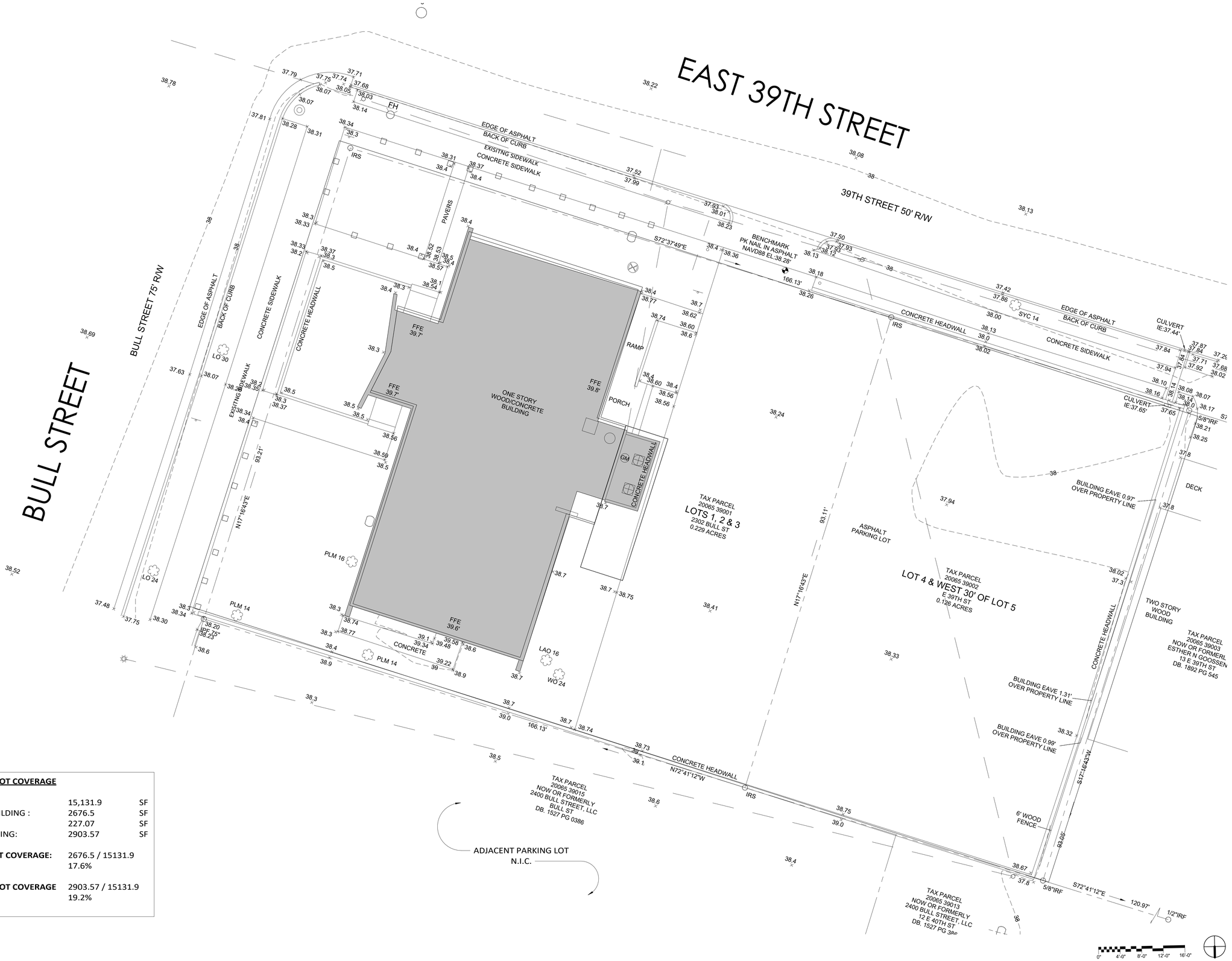
ROSE ARCHITECTS

2302 VINTAGE BAR

2302 Bull Street
Savannah, GA 31401

SITE PLAN
JK
KR
9/26/22

A0.0



PROPOSED LOT COVERAGE

LOT SIZE:	15,131.9	SF
EXISTING BUILDING :	2676.5	SF
ADDITION:	227.07	SF
TOTAL BUILDING:	2903.57	SF
EXISTING LOT COVERAGE:	2676.5 / 15131.9	
	17.6%	
PROPOSED LOT COVERAGE	2903.57 / 15131.9	
	19.2%	

1 / C0.1 SURVEY
1/8" = 1'-0"

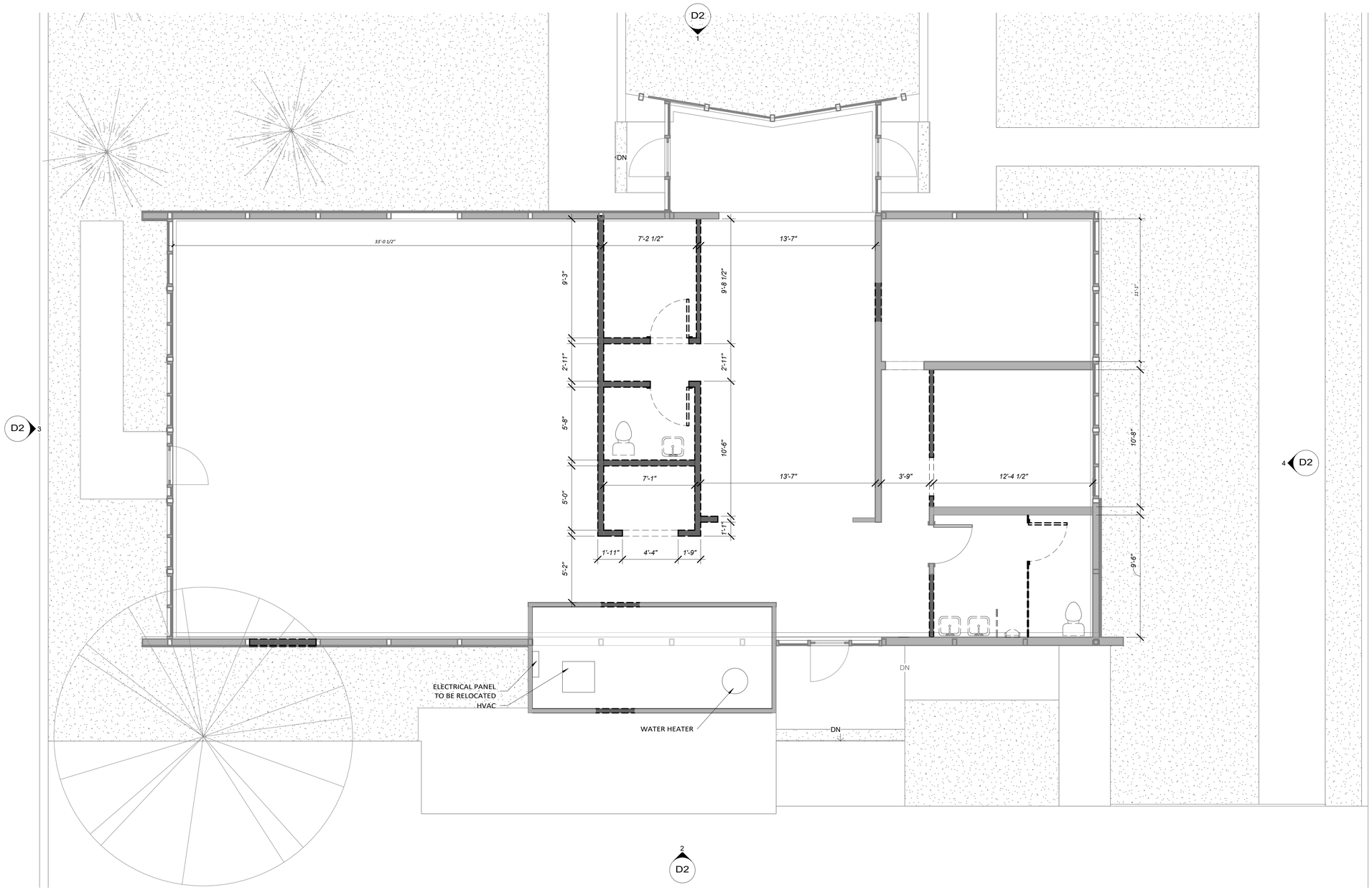
ROSE ARCHITECTS

2302 VINTAGE BAR

2302 Bull Street
Savannah, GA 31401

SURVEY
JK
KR
9/26/22

C0.1



1 / D1 FLOOR PLAN - DEMO
1/4" = 1'-0"

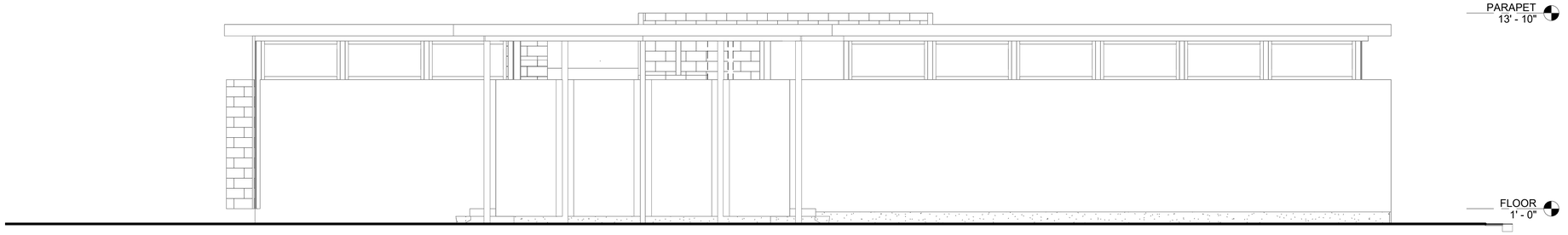
ROSE ARCHITECTS

2302 VINTAGE BAR

2302 Bull Street
Savannah, GA 31401

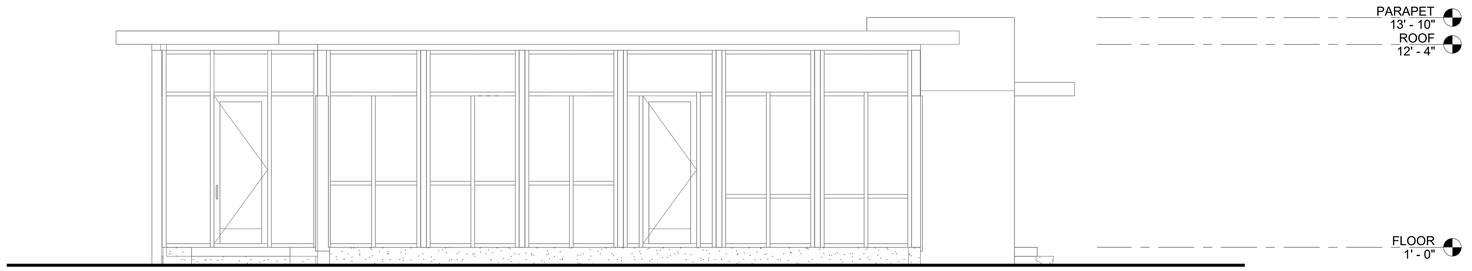
DEMO FLOOR PLAN
JK
JK
9/26/22

D1

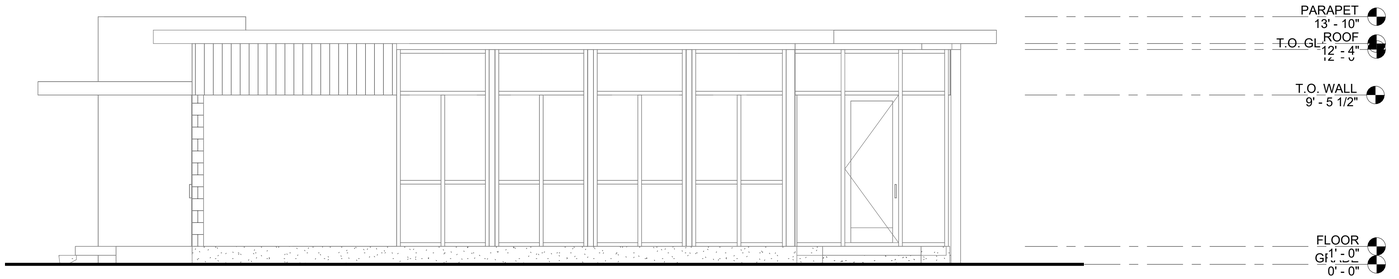


1 / D2 DEMO ELEVATION - WEST
1/4" = 1'-0"

2 / D2 DEMO ELEVATION - EAST
1/4" = 1'-0"



3 / D2 DEMO ELEVATION - SOUTH
1/4" = 1'-0"



4 / D2 DEMO ELEVATION - NORTH
1/4" = 1'-0"

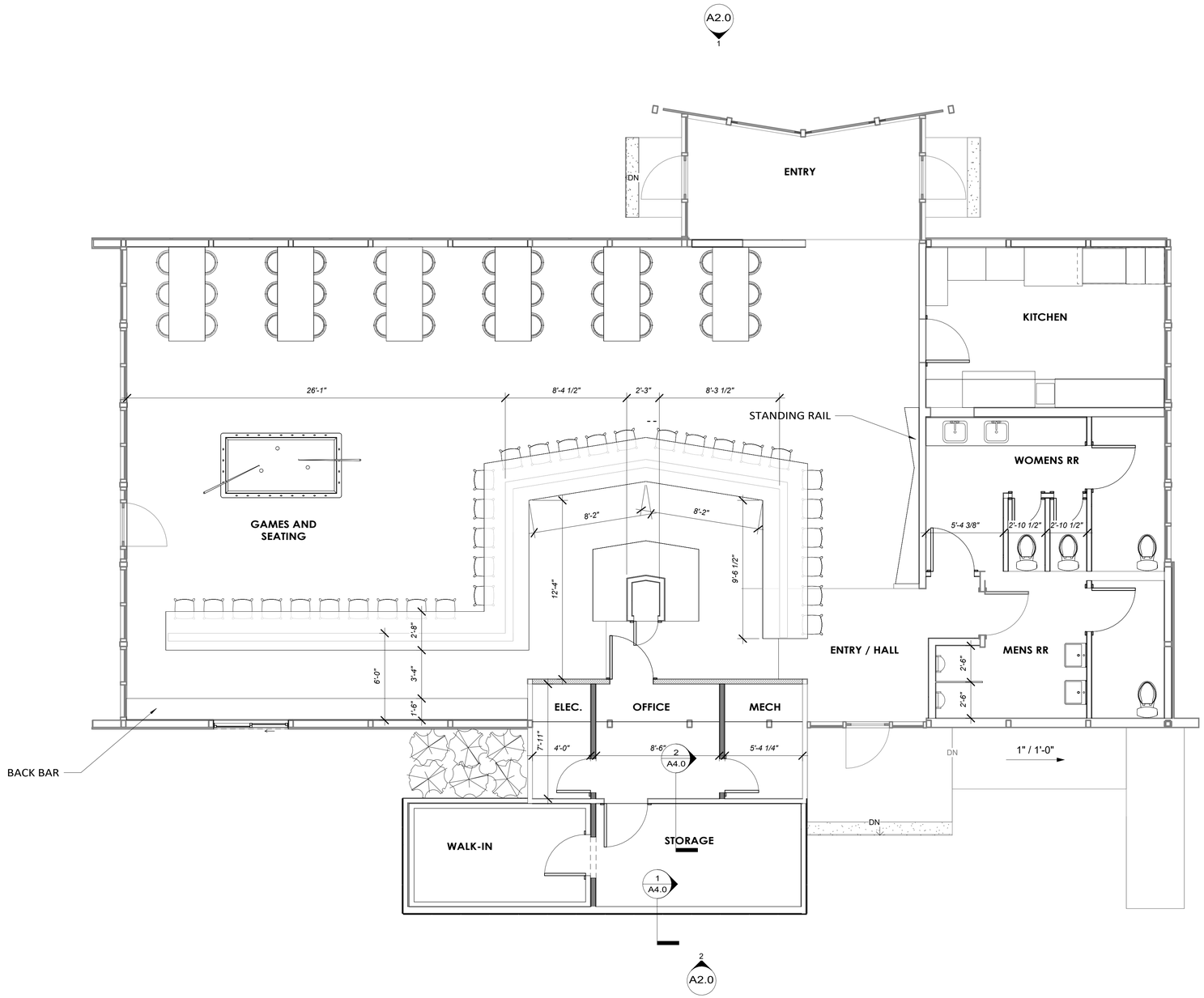
ROSE ARCHITECTS

2302 VINTAGE BAR

2302 Bull Street
Savannah, GA 31401

DEMO ELEVATIONS
JK
JK
9/26/22

D2



1 / A1.0 PROPOSED PLAN
1/4" = 1'-0"

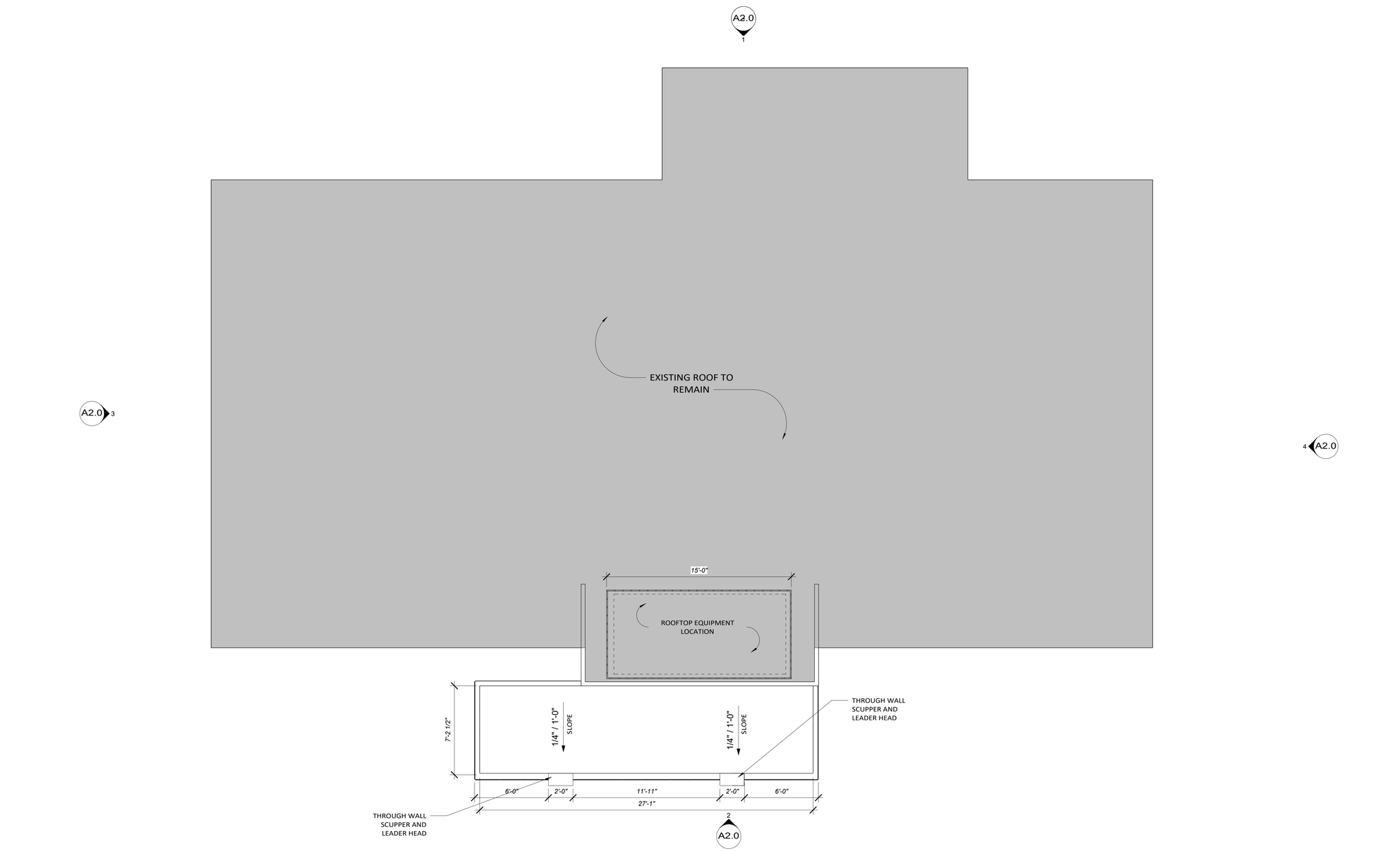
ROSE ARCHITECTS

2302 VINTAGE BAR

2302 Bull Street
Savannah, GA 31401

FLOOR PLAN
JK
KR
9/26/22

A1.0



1 / A1.1 ROOF
1/4" = 1'-0"

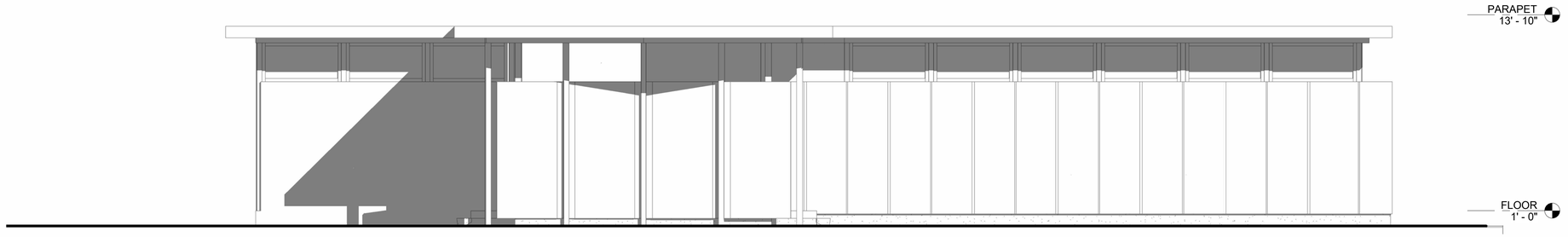
ROSE ARCHITECTS

2302 VINTAGE BAR

2302 Bull Street
Savannah, GA 31401

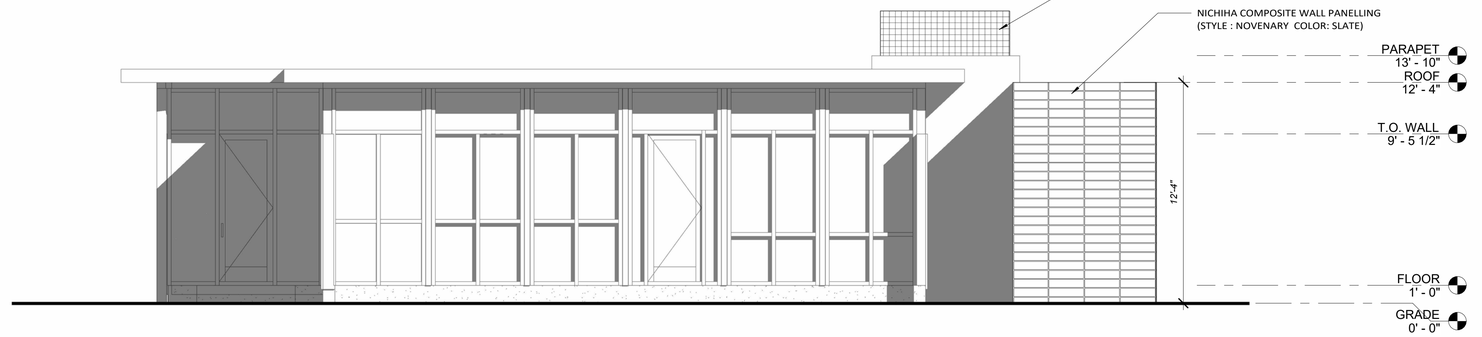
ROOF PLAN
JK
KR
9/26/22

A1.1

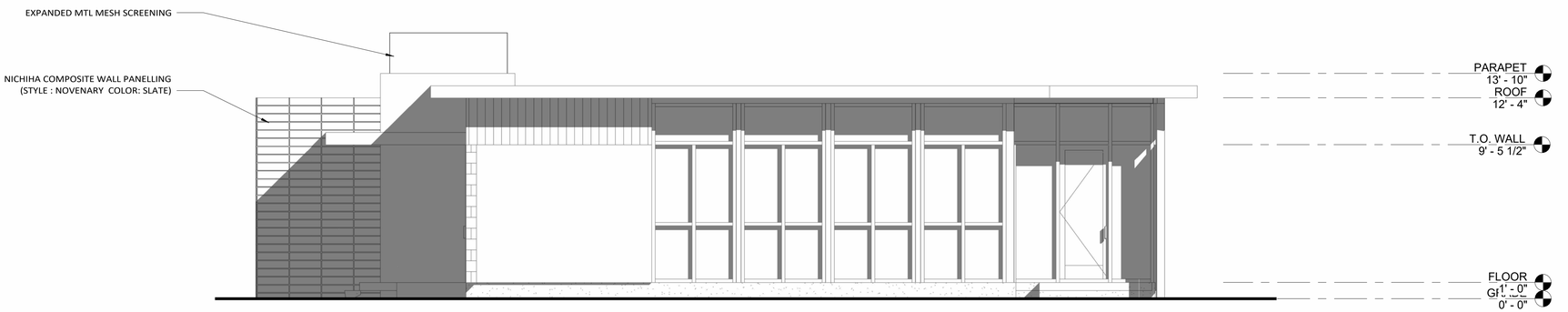


1 A2.0 EXTERIOR ELEVATION - WEST
1/4" = 1'-0"

2 A2.0 EXTERIOR ELEVATION - EAST
1/4" = 1'-0"



3 A2.0 EXTERIOR ELEVATION - SOUTH
1/4" = 1'-0"



4 A2.0 EXTERIOR ELEVATION - NORTH
1/4" = 1'-0"

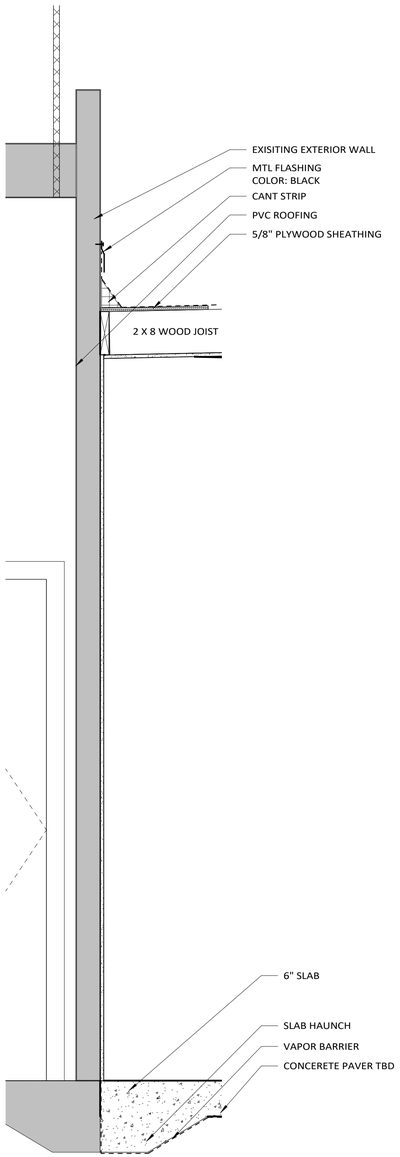
ROSE ARCHITECTS

2302 VINTAGE BAR

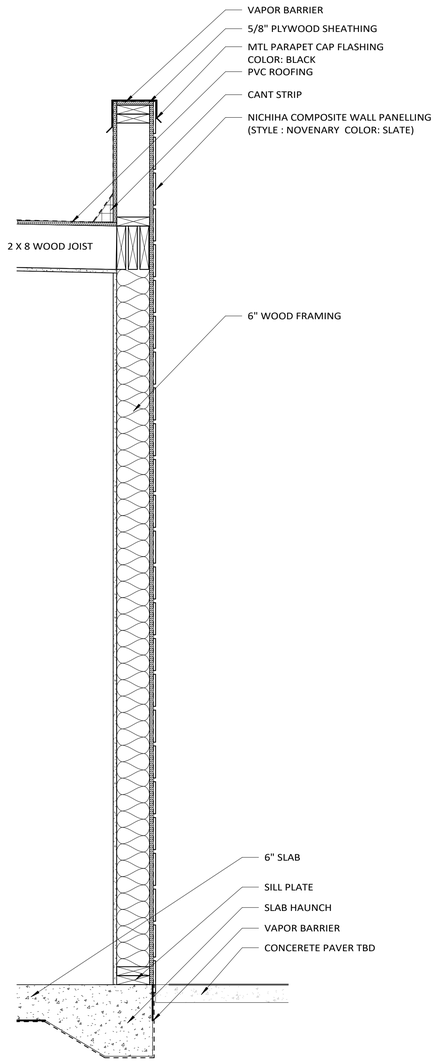
2302 Bull Street
Savannah, GA 31401

ELEVATIONS
JK
JK
9/26/22

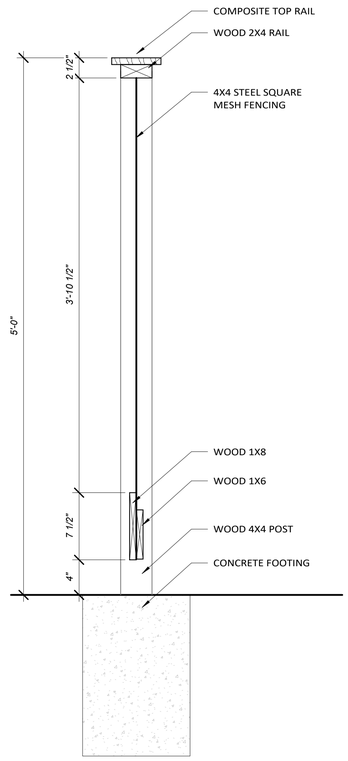
A2.0



2 A4.0 Section 4
1" = 1'-0"



1 A4.0 Section 2
1" = 1'-0"



3 A4.0 LOW FENCE
1 1/2" = 1'-0"

ROSE
ARCHITECTS

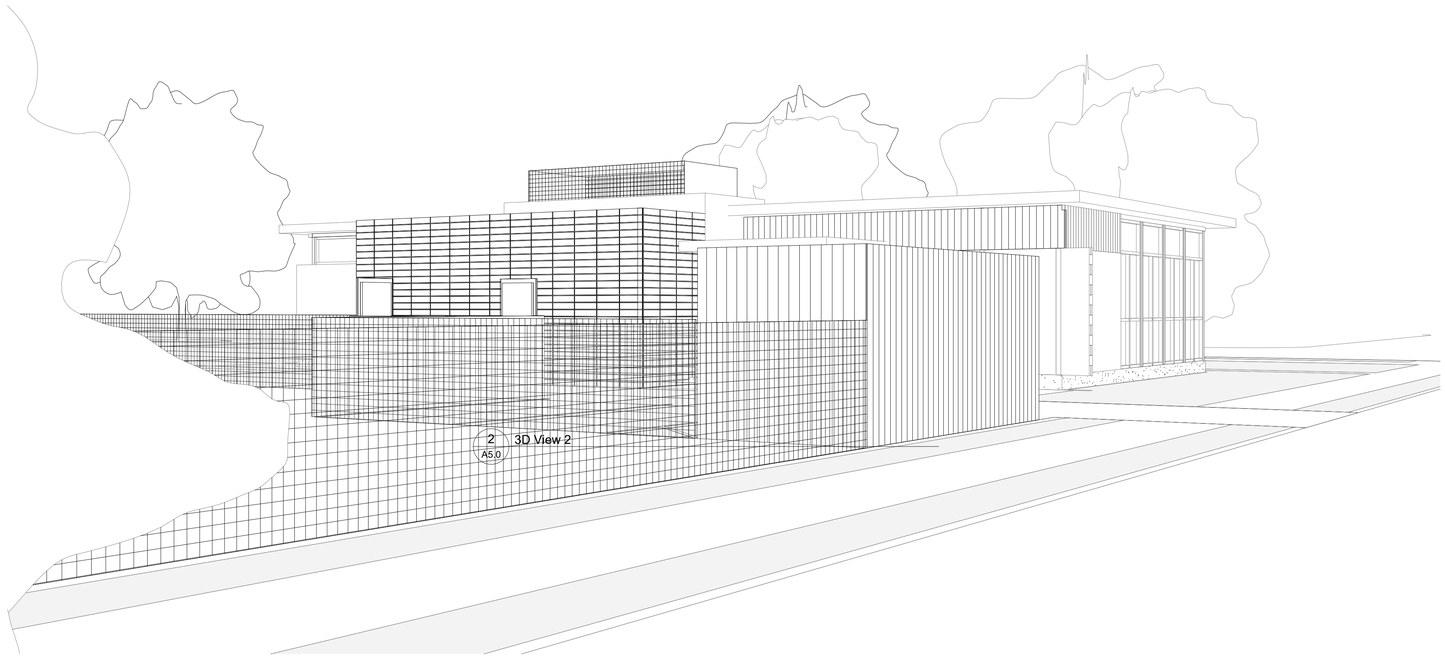
2302 VINTAGE BAR

2302 Bull Street
Savannah, GA 31401

WALL SECTIONS
JK
Author
9/26/22

A4.0

ROSE
ARCHITECTS



2302 VINTAGE BAR

2302 Bull Street
Savannah, GA 31401

RIGHT OF WAY VIEW

JK
Author
9/26/22

A5.0

Novenary Tile Three-Part Specification

07 42 43
Composite Wall Panels

Part I - General

1.1 SECTION INCLUDES:

A. Exterior, panelized fiber cement cladding system and accessories to complete a drained and back-ventilated rainscreen.

B. Interior fiber cement panelized cladding system and accessories.

1.2 RELATED SECTIONS

A. Section 05 41 00 - Structural Metal Stud Framing

B. Section 06 10 00 - Rough Carpentry

C. Section 06 16 00 - Sheathing

D. Section 07 20 00 - Thermal Protection

E. Section 07 25 00 - Weather Barriers

F. Section 07 60 00 - Flashing and Sheet Metal

G. Section 07 90 00 - Joint Protection

1.3 REFERENCES

A. American Architectural Manufacturers Association (AAMA):

1. AAMA 509-14 – Voluntary Test and Classification Method of Drained and Back Ventilated Rain Screen Wall Cladding Systems

B. ASTM International (ASTM):

1. ASTM C 518 - Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.

2. ASTM C 1185 - Standard Test Methods for Sampling and Testing Non-Asbestos Fiber Cement.

a. ASTM C 1186 – Standard Specification for Flat Fiber-Cement Sheets.

3. ASTM E-84 - Standard Test for Surface Burning Characteristics of Building Materials.

4. ASTM E 119 - Standard Test Methods for Fire Tests of Building Construction and Materials.

5. ASTM E 228 - Standard Test Method for Linear Thermal Expansion of Solid Materials with a Vitreous Silica Dilatometer.

6. ASTM E 330 - Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.

7. ASTM E 331 - Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.

C. Florida Building Code - Test Protocol HVHZ

1. Testing Application Standard (TAS) 202, 203 – HVHZ Test Procedures

D. National Fire Protection Association (NFPA):

1. NFPA 285 - Fire Test Method for Exterior Wall Assemblies Containing Combustible Material.

2. NFPA 268 – Ignition Resistance of Exterior Wall Assemblies.

E. Standards Council of Canada & Underwriters Laboratories Canada (ULC):

1. CAN/ULC S-102 – Standard Method of Test for Surface Burning Characteristics.

2. CAN/ULC S-134 – Standard Method of Fire Test of Exterior Wall Assembly.

1.4 SUBMITTALS

A. Submit under provisions of Section 01 33 00.

B. Product Data: Submit manufacturer's product description, storage and handling requirements, and installation instructions.

C. Product Test Reports and Code Compliance: Documents demonstrating product compliance with local building code, such as test reports or Evaluation Reports from qualified, independent testing agencies.

D. LEED Credits: Provide documentation of LEED Credits for project certification under USGBC LEED 2009 (Version 3.0) or 2012 v.4.

E. Manufacturer's Details: Submit drawings (.dwg, .rvt, and/or .pdf formats), including plans, sections, showing installation details that demonstrate product dimensions, edge/termination conditions/treatments, compression and control joints, corners, openings, and penetrations.

F. Samples: Submit samples of each product type proposed for use.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications:

1. All fiber cement panels specified in this section must be supplied by a manufacturer with a minimum of 10 years of experience in fabricating and supplying fiber cement cladding systems.

a. Products covered under this section are to be manufactured in an ISO 9001 certified facility.

2. Provide technical and design support as needed regarding installation requirements and warranty compliance provisions.

B. Installer Qualifications: All products listed in this section are to be installed by a single installer trained by manufacturer or representative.

C. Mock-Up Wall: Provide a mock-up wall as evaluation tool for product and installation workmanship.

D. Pre-Installation Meetings: Prior to beginning installation, conduct conference to verify and discuss substrate conditions, manufacturer's installation instructions and warranty requirements, and project requirements.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Panels must be stored flat and kept dry before installation. A waterproof cover over panels and accessories should be used at all times prior to installation. Do not stack pallets more than two high. Refer to the information included on each pallet.

B. If panels are exposed to water or water vapor prior to installation, allow to completely dry before installing. Failure to do so may result in panel shrinkage at ship lap joints, and such action may void warranty.

C. Panels MUST be carried on edge. Do not carry or lift panels flat. Improper handling may cause cracking or panel damage.

D. Direct contact between the panels and the ground should be avoided at all times. It is necessary to keep panels clean during installation process.

1.7 WARRANTY

A. Provide manufacturer's 15-year warranty against manufactured defects in fiber cement panels. Additional 5-year extension available when refinished in year 14-15.

B. Provide manufacturer's 15-year warranty against manufactured defects in panel finish.

C. Warranty provides for the original purchaser. See warranty for detailed information on terms, conditions and limitations.

PART II: PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Nichiha Corporation, 18-19 Nishiki 2-chome Naka-ku, Nagoya, Aichi 460-8610, Japan.

B. Acceptable Manufacturer's Representative: Nichiha USA, Inc., 6465 E. Johns Crossing, Suite 250, Johns Creek, GA 30097. Toll free: 1.866.424.4421, Office: 770.805.9466, Fax: 770.805.9467, www.nichiha.com.

1. Basis of Design Product: Nichiha Novenary Tile.
    a. Profile colors: Clay, Ochre, Opal, Sand, and Slate.
    b. Profile: Nine rectangular blocks about 23-1/4" wide by 5-3/8" tall, separated by 5/8" wide and 3/8" deep grooves.
    c. Accessory/Component Options:
        i. Manufactured Corners with 3-1/2" returns for each profile color.
        ii. Aluminum trim options: J-Mold (MTJM21), Compression Joint (MTCJ21)
            1. Finish: Pre-Matched to profile colors.
        iii. Essential Flashing System: Starter, Overhang.
            1. Finish: Matte black.
    d. Dimensions – AWP-1818: 455mm (17-7/8") (h) x 1,818 mm (71-9/16") (l).
    e. Panel Thickness: 21 mm (7/8").
    f. Finish: Matte, lightly textured.
    g. Weight: 47.8 lbs. per panel.
    h. Coverage: 8.88 sq. ft. per panel.
    i. Factory sealed on six [6] sides.

C. Substitutions: Not permitted.

D. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00.

2.2 MATERIALS

A. Fiber cement panels manufactured from a pressed, stamped, and autoclaved mix of Portland cement, fly ash, silica, recycled rejects, and wood fiber bundles.

B. Panel surface pre-finished and machine applied.

C. Panels profiled along all four edges, such that both horizontal and vertical joints between the installed panels are ship-lapped.

D. Factory-applied sealant gasket added to top and right panel edges; all joints contain a factory sealant.

2.3 PERFORMANCE REQUIREMENTS:

A. Fiber Cement Cladding – Must comply with ASTM C-1186, Type A, Grade II requirements:

1. Wet Flexural Strength: Result: 1418 psi, Lower Limit: 1015 psi.
2. Water Tightness: No water droplets observed on any specimen.
3. Freeze-thaw: No damage or defects observed.
4. Warm Water: No evidence of cracking, delamination, swelling, or other defects observed.
5. Heat-Rain: No crazing, cracking, or other deleterious effects, surface or joint changes observed in any specimen.

B. Mean Coefficient of Linear Thermal Expansion (ASTM E-228): Max 1.0*10^-5 in./in. F.

C. Surface Burning (CAN-ULC S102/ASTM E-84): Flame Spread: 0, Smoke Developed: 0.

D. Wind Load (ASTM E-330): Contact manufacturer for ultimate test pressure data corresponding to framing type, dimensions, fastener type, and attachment clips. Project engineer(s) must determine Zone 4 and 5 design pressures based on project specifics.

1. Minimum lateral deflection: L/120.

E. Water Penetration (ASTM E-331): No water leakage observed into wall cavity.

F. Steady-State Heat Flux and Thermal Transmission Properties Test (ASTM C-518): 16mm thick panel thermal resistance R Value of 0.47.

G. Fire Resistant (ASTM E-119): The wall assembly must successfully endure 60-minute fire exposure without developing excessive unexposed surface temperature or allowing flaming on the unexposed side of the assembly.

H. Ignition Resistance (NFPA 268): No sustained flaming of panels, assembly when subjected to a minimum radiant heat flux of 12.5 kW/m2 ± 5% in the presence of a pilot ignition source for a 20-minute period.

I. Fire Propagation (NFPA 285): Wall assembly of Nichiha AWP, Ultimate Clips and Starter Track, Tyvek Commercial Wrap, ½” Densglass Gold Sheathing, 16” o.c. 18 gauge steel studs, mineral wool in-cavity insulation, and interior 5/8” Type X gypsum met the acceptance criteria of NFPA 285.

J. Fire Propagation (CAN/ULC S-134): Wall assembly of Nichiha AWP, Ultimate Clips and Starter Track, Tyvek Housewrap, 5/8” FRT plywood, 16” o.c. 2x wood studs, fiberglass in-cavity insulation, and interior 5/8” Type X gypsum met the acceptance criteria of CAN/ULC S-134.

K. Drained and Back Ventilated Rainscreen (AAMA 509-14): System classifications: W1, V1.

L. Florida Building Code - Test Protocol HVHZ (TAS 202, 203): Design Pressure: 95 psf.

2.4 INSTALLATION COMPONENTS

A. Ultimate Clip System:
    1. Starter Track: FA 700 (10mm rainscreen) – 10’ (3030mm) (l) galvalume coated steel.
    2. Panel Clips: JEL 778 “Ultimate Clip II” (10mm rainscreen for 5/8” AWP) – Zinc-Aluminum-Magnesium alloy coated steel.
        a. Joint Tab Attachments (included) – used at all AWP-1818 panel to panel vertical joints.
    3. Corner Clips: JE 777C (10mm rainscreen for 5/8” AWP Manufactured Corners) -- Zinc-Aluminum-Magnesium alloy coated steel.
    4. Single Flange Sealant Backer – FHK 1015 R (10mm) – 6.5’ (l) fluorine coated galvalume.
    5. Double Flange Sealant Backer – FH 1015 R (10mm) – 10’ (l) fluorine coated galvalume.
    6. Corrugated Spacer – FS 1005 (5mm), FS 1010 (10mm) – 4’ (l).
B. Aluminum Trim (optional): J-Mold and Compression Joint Flashing available for 21-mm thick panels.
C. Essential Flashing System (optional):
    1. Starter – main segments (3030mm), inside corners, outside corners
    2. Overhang – main segments (3030mm), inside corners, outside corners, joint clips
D. Fasteners: Corrosion resistant fasteners, such as hot-dipped galvanized screws appropriate to local building codes and practices must be used. Use Stainless Steel fasteners in high humidity and high-moisture regions. Panel manufacturer is not liable for corrosion resistance of fasteners. Do not use aluminum fasteners, staples or fasteners that are not rated or designed for intended use. See manufacturer’s instructions for appropriate fasteners for construction method used.
E. Flashing: Flash all areas specified in manufacturer’s instructions. Do not use raw aluminum flashing. Flashing must be galvanized, anodized, or PVC coated.
F. Sealant: Sealant shall comply with ASTM C920, Class 35.

PART III: EXECUTION

3.1 EXAMINATION

A. Verification of Conditions:

1. Fiber cement panels can be installed over braced wood, steel studs and sheathing including plywood, OSB, plastic foam (1" or less) or fiberboard sheathing. Fiber cement panels can also be installed over Structural Insulated Panels (SIP's), Concrete Masonry Units (CMU's) and Concrete Block Structures (CBS's) with furring strips, and Pre-Engineered Metal Construction. Insulated Concrete Forms (ICFs) require added measures. Consult with Nichiha Technical Services.

2. Allowable stud spacing: 16" o.c. maximum.

3. A weather resistive barrier is required when installing fiber cement panels. Use an approved weather resistive barrier (WRB) as defined by the 2015 IBC or IRC. Refer to local building codes.

4. Appropriate metal flashing should be used to prevent moisture penetration around all doors, windows, wall bottoms, material transitions and penetrations. Refer to local building codes for best practices.

B. Examine site to ensure substrate conditions are within alignment tolerances for proper installation.

C. Do not begin installation until unacceptable conditions have been corrected.

D. Do not install panels or components that appear to be damaged or defective. Do not install wet panels**.**

3.2 TOLERANCE

A. Wall surface plane must be plumb and level within +/- ¼ inch in 20 feet in any direction.

1. One layer of Nichiha 5mm (~3/16") Spacer may be used as shim.

3.3 INSTALLATION

A. General: Install products in accordance with the latest installation guidelines of the manufacturer and all applicable building codes and other laws, rules, regulations and ordinances. Review all manufacturer installation, maintenance instructions, and other applicable documents before installation.

1. Consult with your local dealer or Nichiha Technical Department before installing any Nichiha fiber cement product on a building higher than 45 feet or three stories or for conditions not matching prescribed standard installation guide requirements and methods. A **Technical Design Review (TDR)** process is available to evaluate project feasibility.

2. ***Vertical Control/Expansion Joints*** are required, for walls wider than 30 feet, within 2-12 feet of outside corners finished with metal trim *and* approximately every 30 feet thereafter.

3. ***Horizontal/Compression Joints*** are required for multi-story installations of AWP. Locate joints at floor lines. Joints are flashed minimum ½" breaks. Do not caulk. Refer to installation guide(s).

A. Wood framed buildings of three or more floors require a compression joint at each floor.

B. Steel framed buildings (including reinforced concrete core with LGMF exterior walls) of more than three floors (or 45 feet) require a compression joint every 25 feet at a floor line.

B. Panel Cutting

1. Always cut fiber cement panels outside or in a well ventilated area. Do not cut the products in an enclosed area.

2. Always wear safety glasses and NIOSH/OSHA approved respirator whenever cutting, drilling, sawing, sanding or abrading the products. Refer to manufacturer SDS for more information.

3. Use a dust-reducing circular saw with a diamond-tipped or carbide-tipped blade.

a. Recommended circular saw: Makita 7-1/4" Circular Saw with Dust Collector (#5057KB).

b. Recommended blade: Tenryu Board-Pro Plus PCD Blade (#BP-18505).

c. Shears (electric or pneumatic) or jig saw can be used for complicated cuttings, such as service openings, curves, radii and scrollwork.

4. **Silica Dust Warning:** Fiber cement products may contain some amounts of crystalline silica, a naturally occurring, potentially hazardous mineral when airborne in dust form. Consult product SDS or visit https://www.osha.gov/dsg/topics/silicacrystalline/.

5. Immediately clean dust from cut panels as it may bind to the finish.

3.4 CLEANING AND MAINTENANCE

A. Review manufacturer guidelines for detailed care instructions.

NOVENARY

DIMENSION SERIES

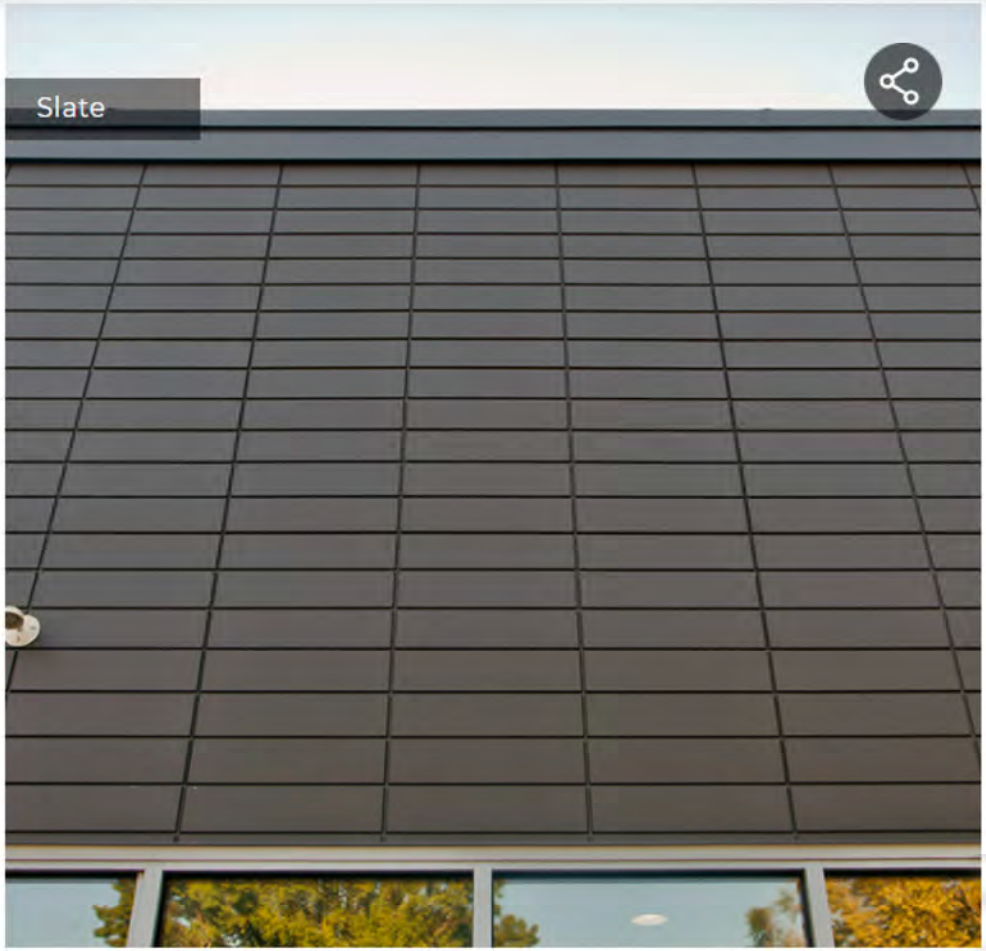
- 9mm deep grooves create distinct shadow lines and modern appeal
- 9 tiles per panel
- See how one homeowner built a studio in his backyard using Novenary
- Approved for soffit & angled wall installation

AVAILABLE COLORS

Slate

SPECIFICATIONS

AWP 1818	
Dimensions (in.)	17 ⅞ H x 71 9/16 L (455 mm H x 1818 mm L)
Thickness (actual mm)	21
Tile Size	5 ⅜ H x 23 ¼ L






VIEW FULL GALLERY

NOVENARY

DIMENSION SERIES

- 9mm deep grooves create distinct shadow lines and modern appeal
- 9 tiles per panel
- See how one homeowner built a studio in his backyard using Novenary
- Approved for soffit & angled wall installation

AVAILABLE COLORS

Opal

SPECIFICATIONS +

PRODUCT SUPPORT +




VIEW FULL GALLERY

SELF-CLOSING & MANUAL OPERATION WINDOWS

SINGLE SLIDERS

SC-4030-LP

LOW PROFILE design allows for more natural lighting and maximum visibility.

SC-4030

SC-4030
MAXIMUM SECURITY LOCKING SYSTEM

SC-4030-LP
MAXIMUM SECURITY LOCKING SYSTEM

STANDARD FEATURES

- Shipped fully-assembled and ready to install
- Warranty backed with Nationwide Service Centers
- 1/4" clear tempered safety glass
- Weather resistant and sealed to protect from the elements
- Dark bronze or clear anodized aluminum
- Corrosion resistant material: anodized aluminum and #304-#3 finish stainless steel
- Security locking systems
- Maximum security hook-bolt locks
- Automatically lock when unit is closed
- Right or left hand units

OPTIONAL FEATURES

- Custom colors available
- Reduced service openings for areas requiring 432 sq. inches
- Custom transoms and overall window sizes
- Various glazing options (B/R, Insulated, Tinted, etc)

MODEL SC-4040, IFSC-4040, SC-4030, IFSC-4030, SC-3030, IFSC-3030

Self-closing horizontal sliders meet all health code requirements. These self-closing units are mounted flush to the exterior wall. By simply releasing the window after serving the customer, the door panel closes automatically. With an offset in the base, and gliding on a top-hung ball bearing system, these sliders are the smoothest windows on the market. All IFSC Models are fully glazed with 5/8" insulated glass.

Service Opening: ***4040's: 20-1/4"(w) x 41"(h)***
4030's: 20-1/4"(w) x 29"(h)
3030's: 14-1/2" (w) x 29"(h)

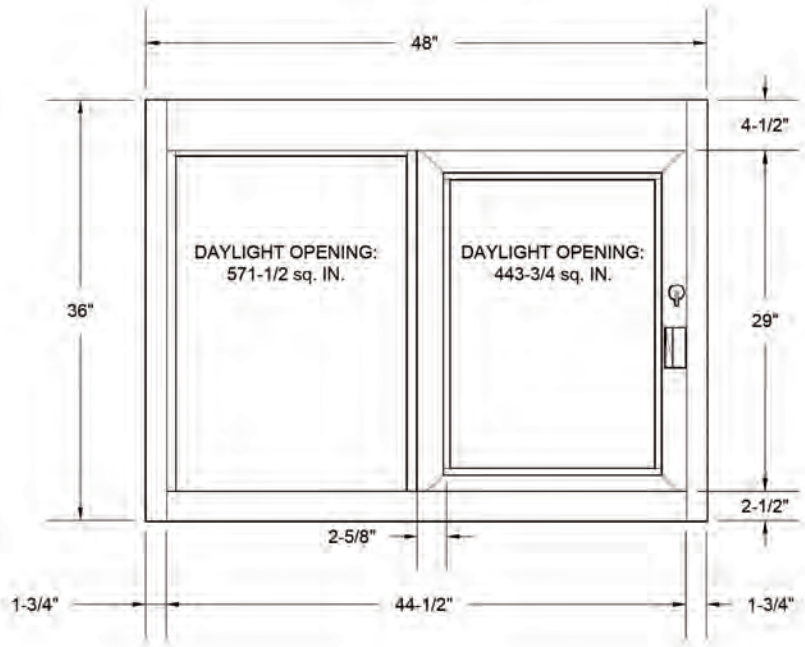
MAXIMUM SECURITY LOCKING SYSTEM

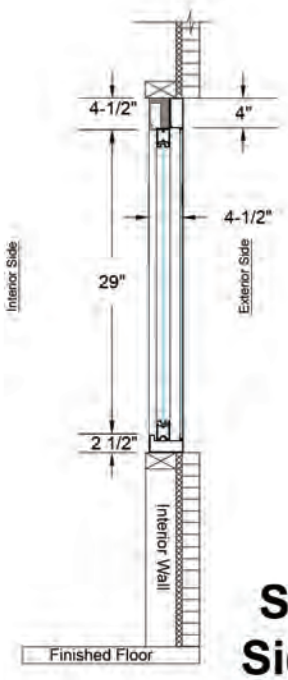
Each Quikserv single-sliding window offers a heavy duty maximum security lock. This hook bolt lock helps to prevent outside intrusion. An easy to grasp thumb-turn allows for ease in operation while locking the unit.

QUIKSERV
we put more in – you get more out

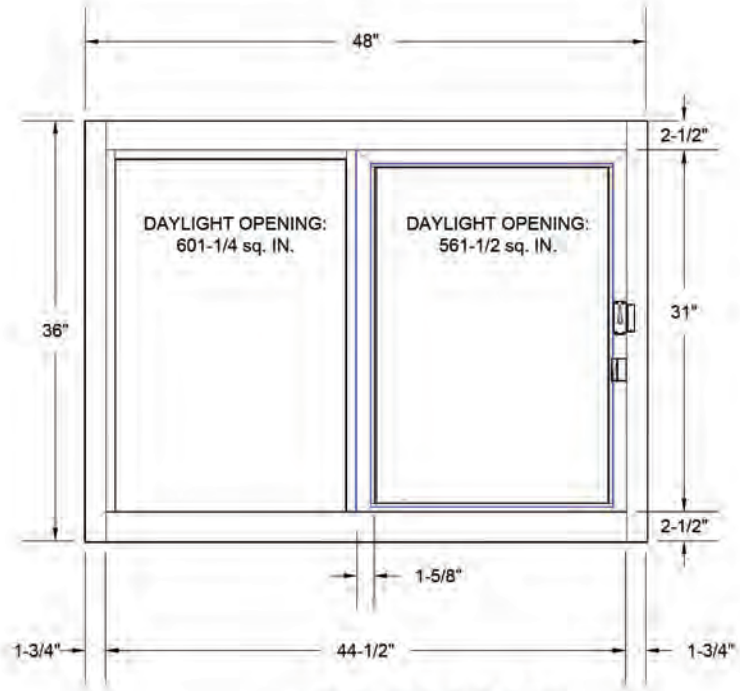
MODEL SC-4040, IFSC-4040, SC-4030, IFSC-4030, SC-3030, IFSC-3030, SC-4030-LP
ROUGH OPENING
4040 Models: 48-3/8"(w) x 48-3/8"(h)
4030 Models: 48-3/8"(w) x 36-3/8"(h)
4030 LP Models: 48-3/8"(w) x 36-3/8"(h)
3030 Models: 36-3/8"(w) x 36-3/8"(h)

SC-4030

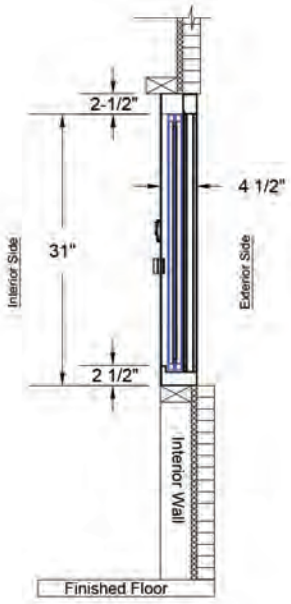




SC-4030 Side View

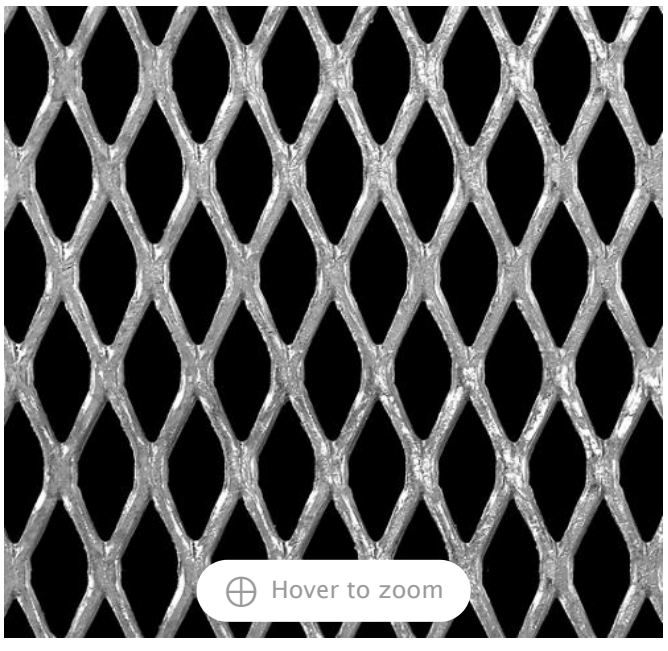


SC-4030 LP



SC-4030 LP Side View

Product Search



McNICHOLS® Expanded Metal

Flattened, Galvanized Steel, Hot Dipped, 3/4" No. 9 Flattened, 64% Open Area

McNICHOLS® Expanded Metal, Flattened, Galvanized Steel, Hot Dipped, Mill Finish, 3/4" No. 9 Flattened, 0.923" Short Way of Design (SWD), 2.100" Long Way of Design (LWD), Long Way of Opening (LWO) Parallel to Length of Sheet, 64% Open Area

ITEM 530N340948 - 48" x 96" - **In-Stock!**

PRODUCT SIZE(S)	QTY	SUBTOTAL
48" x 96"	1	$--.--

CUT ITEM TO SIZE **ADD TO PROJECT LIST**

ADD TO CART

SPECIFICATIONS | OVERVIEW | ORDERING | CHARTS | TABLES

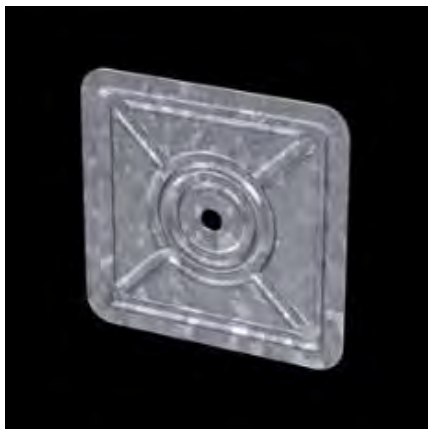
Item Number	530N340948
Product Line	Expanded Metal
Expanded Type	Flattened
Primary Material	Galvanized Steel (GV)
Alloy, Grade or Type	Hot Dipped (HD)
Material Finish	Mill Finish
Style & Type	3/4" No. 9 Flattened
Design Size - Short Way of Diamond (SWD)	0.923"
Design Size - Long Way of Diamond (LWD)	2.100"
Opening Size - Short Way of Opening (SWO)	0.593"
Opening Size - Long Way of Opening (LWO)	1.688"
Long Way of Opening (LWO) Parallel to	Length of Sheet
Diamonds per Foot - Short Way of Diamond (SWD)	13.0
Diamonds per Foot - Long Way of Diamond (LWD)	5.7
Strand Thickness	0.108"
Strand Width	0.165"
Overall Thickness	0.108"
Percent Open Area	64%
Weight	1.57 Lbs./Square Foot
Product Form	Sheet
CAD Drawings	PDF - Download Now DWG - Download Now

Call For A Fast Quote

Specifications Note

Specifications Listed Are for Uncoated Material and May Vary Slightly Within Mill Tolerances

PRODUCT ACCESSORIES



McNICHOLS® Accessories Fastener, Galvanized Steel, Pre-Galvanized, 3" Square Hold-Down Clip (Hardware Available Separately)

Product Search

Call For A Fast Quote