



COMMISSION OF ARCHITECTURAL REVIEW
APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

PROPERTY (location of work)

Address 1630 Pope Avenue
Historic district Hermitage Road Historic District

Date/time rec'd: _____
 Rec'd by: _____
 Application #: _____
 Hearing date: _____

APPLICANT INFORMATION Check if Billing Contact

Name Bruce Shirley, AIA **Phone** 804-264-1729
Company Ratio **Email** bruce@ratiostudio.com
Mailing Address 1406 Laburnum Park Blvd.
 Richmond, VA 23227
Applicant Type: Owner Agent
 Lessee Architect Contractor
 Other (please specify):

OWNER INFORMATION (if different from above) Check if Billing Contact

Name Garrett & Nikki Shifflett **Company**
Mailing Address 1630 Pope Avenue **Phone** 804-399-9921
 Richmond, VA 23227 **Email** garrettshifflett@gmail.com

PROJECT INFORMATION

Project Type: Alteration Demolition New Construction
 (Conceptual Review Required)

Project Description: (attach additional sheets if needed)
 SEE ATTACHED

ACKNOWLEDGEMENT OF RESPONSIBILITY

Compliance: If granted, you agree to comply with all conditions of the certificate of appropriateness (COA). Revisions to approved work require staff review and may require a new application and approval from the Commission of Architectural Review (CAR). Failure to comply with the conditions of the COA may result in project delays or legal action. The COA is valid for one (1) year and may be extended for an additional year, upon written request and payment of associated fee.

Requirements: A complete application includes all applicable information requested on checklists available on the CAR website to provide a complete and accurate description of existing and proposed conditions, as well as payment of the application fee. Applicants proposing major new construction, including additions, should meet with Staff to review the application and requirements prior to submitting an application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Zoning Requirements: Prior to Commission review, it is the responsibility of the applicant to determine if zoning approval is required and application materials should be prepared in compliance with zoning.

Signature of Owner

Date 4/25/24

1630 Pope Avenue

April 25, 2024

CAR – Applicant’s Description

This Application is for a CAR Amendment to a previously approved garage addition located at 1630 Pope Avenue.

Amendment Items:

The following are the edits included in the attached plans for Commission’s review:

- The additional has been increased 5’-0” towards the side yard.
- The existing garage person doors and overhead door (all non-historic) are to be removed.
- The garage door opening will be replaced with a new modern overhead garage door but will fill the original historic opening. Including raising the door head to the original historic header height. This looks to have been infilled at some point and the infill portion is not properly supported creating a sag in the brick.
- The person door opening remaining to the central space of the garage will get a new modern door.
- A new modern door will be added to the “garage bay” to the North.

Original Approved Description:

Project is for a small addition to an existing garage. The existing garage will remain as is with no change in materials, colors or openings other than the existing parapet cap being repainted to match the new paint color noted. The intention is to provide a modern office addition that respects the existing garage structure. It will mirror the stepped parapet of the existing garage at the primary South Face (towards the main house) and the South and West facades will have large glass openings with break metal wraps between and at the Southwest corner. The North face of the additional will be brick veneer. The Primary South face will also be set back from the existing garage face by a couple inches.

This addition will in no way negatively impact social and/ or economic activity in the surrounding area. No additional parking will be required for the addition. The characteristics of the building’s end use and features will contribute the community and will not be detrimental to the safety, health, morals and general welfare of the community involved. The project will in no way create congestion in streets, roads, alleys, and other public ways and places in the area involved.

1630 Pope Avenue
September 7, 2022

CAR – Finishes & Materials Sheet

Brake Metal Material:

ALPOLIC® Brake Metal

[View Products & Finishes](#)

ALPOLIC® Brake Metal offers a complement to our [Aluminum Composite Material products](#), giving fabricators the ability to form roof caps, flashing, fascia trim, accents and other complex forms using a sheet metal brake. This material is finished with [Lumiflon® FEVE fluoropolymer resin](#) in many of our most popular 4mm architectural stock colors and select specialty colors. Custom colors are also available when aluminum Brake Metal and matching ACM panels are ordered together and finished in the same special run.

Why ALPOLIC® Brake Metal

When using an ordinary cladding system, it can be difficult to get an acceptable color match for roof caps, flashing, fascia trim and other complex forms that are specified for the project. ALPOLIC® Brake Metal provides a perfect match for many of our most popular [ACM panel finishes](#), including solid colors, micas and metallics. Custom panel colors can also be matched when the aluminum Brake Metal material is included in the custom panel order.

Using ALPOLIC® Brake Metal

ALPOLIC® Brake Metal is stocked in 48" x 120" flat panels, 0.032" thick. Panels are coil-coated with our Lumiflon® FEVE fluoropolymer resin in Valflon® finishes by Sherwin-Williams, providing the same remarkable color vibrancy and durability as the matching composite panels. The minimum order for standard colors is five panels. Custom colors must be ordered together with a minimum of 2,000 square feet of matching custom-finished panels.

Aluminum Brake Metal can be easily fabricated to create virtually any form an experienced sheet metal brake operator can make. As with our ACM and MCM panels, each Brake Metal sheet is protected by a clear film, which should be left in place during fabrication and removed soon after installation.

Break Metal (and all painted trim to match) color selection:



DBR Drk Bronze Anodized [Non-Stock]

Storefront Windows and Door color:



#40

DARK BRONZE

AA-M10C21A44

Architectural Class I
(.7 mils minimum)

Storefront Windows and Door cuts to follow:



Trifab™ VersaGlaze™ 451/451T Framing System

- 2" (50.8mm) sightline
- 4-1/2" (114.3mm) depth
- High thermal performance
- Center, back, front, multi-plane glazed options
- Blast mitigation (451T), hurricane resistance
- Structural silicone glazed (SSG) options



Product Features

Trifab™ VG (VersaGlaze™) Framing systems are built on the proven and successful Trifab platform – with all the versatility its name implies. Trifab set the standard and Trifab™ VG improves upon it.

There are enough fabrication, design and performance choices to please the most discerning building owner, architect and installer. Plus the confidence a tried and true framing system instills.

Select from four glazing applications, four fabrication methods and multiple infill choices.

Consider thermal options and performance, SSG and Weatherseal alternatives and your project takes an almost custom shape whether your architecture is traditional or modern and the building is new or retrofitted.

Key Features Include:

- Hurricane Impact tested on Shutter Application Only
- Trifab™ VG 451/451T Framing is 4-1/2" (114.3) deep with a 2" (50.8) sightline
- Front, Center, Back or Multi-Plane glass applications
- Flush glazed from either the inside or outside
- Screw Spline, Shear Block, Stick or Type-B fabrication
- ~~SSG / Weatherseal option~~
- Isolock™ lanced and debrided thermal break option with Trifab™ VG 451T Framing
- Infill options up to 1-1/8" (28.6) thickness
- Permanodic™ anodized finishes in 7 choices ← **Dark Bronze**
- Painted finishes in standard and custom choices

Optional Features:

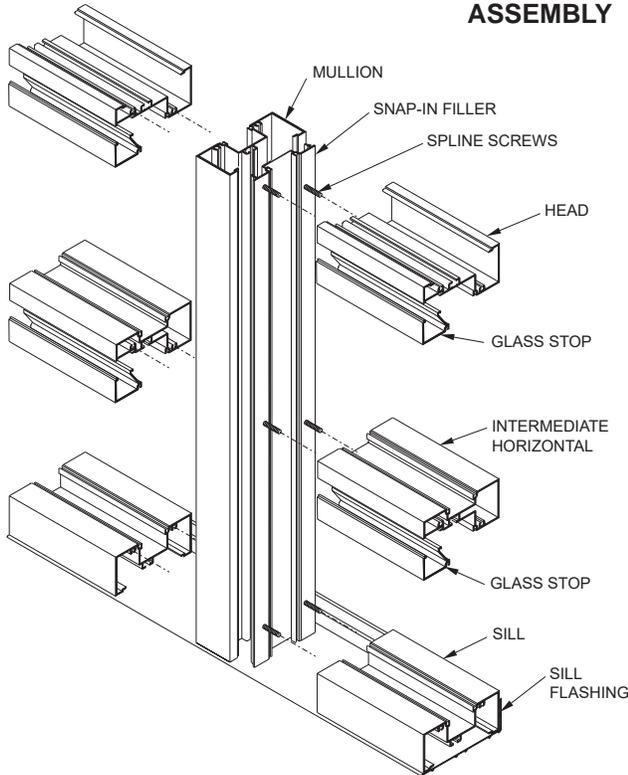
- High performance interlocking flashing
- Acoustical rating per AAMA 1801 and ASTM E 1425
- Project specific U-factors (See Thermal Charts)

Product Applications:

- Storefront, Ribbon Window or Punched Openings
- Single-span
- Integrated entrance framing allowing Kawneer standard entrances or other specialty entrances to be incorporated
- Kawneer windows including GLASSvent™ are easily incorporated

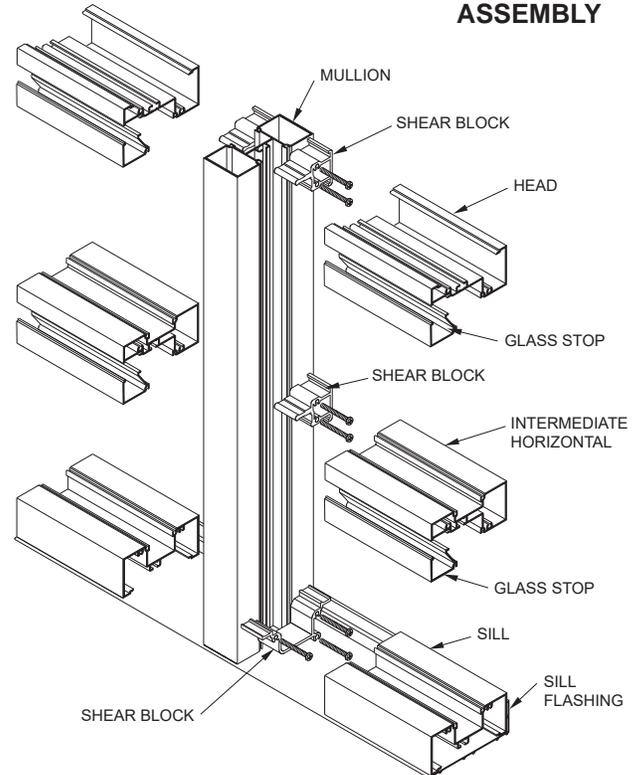
The split vertical in the **Screw Spine** system allows a frame to be installed from unitized assemblies. Screws are driven through the back of the verticals into splines extruded in the horizontal framing members. The individual units are then snapped together to form a complete frame.

SCREW SPLINE ASSEMBLY

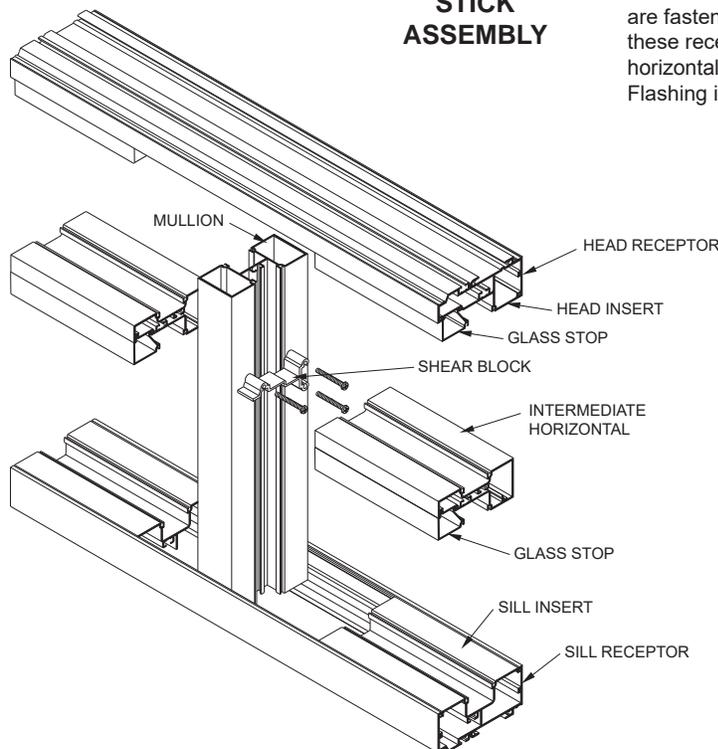


The **Shear Block** system of fabrication allows a frame to be pre-assembled as a single unit. Horizontals are attached to the verticals with shear blocks.

SHEAR BLOCK ASSEMBLY



STICK ASSEMBLY



The **Stick** system allows on-site construction. Head and sill receptors are fastened to the surround. Vertical mullions are then installed in these receptors and are held in place by snap-in inserts. Intermediate horizontal members are attached to the verticals with shear blocks. Flashing is not required.

NOTE:

If the end reaction of the mullion (mullion spacing (ft.) times height (ft.) times specified wind load (psf) divided by two) is more than 500 lbs., the optional mullion anchors must be used. (See page 14)

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.
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260, 360, 560 Insulclad™ Thermal Entrances

Engineered Entrances with
Climate Control Efficiency



PCL Centennial Learning Centre, Edmonton, Alberta, Canada
Architect: Cohos Evamy integratedesign™, Edmonton, Alberta, Canada
Glazing Contractor: Beacon Glass Products Ltd., St. Albert, Alberta, Canada

Kawneer's Insulclad™ Entrances provide thermal efficiency for the entire building façade and are available in 260 Narrow Stile for moderate-traffic applications, and 360 Medium Stile and 560 Wide Stile for heavy-traffic applications. All doors are thermally enhanced with interior cladding, which has the added advantage of enabling dual-color design.

Insulclad™ Entrances are available as a single-source package of door, fully integrated door frame (with or without transoms) and integrated hardware. Center plane Trifab™ VersaGlaze™ 451T (Thermal) frames are standard, and Insulclad™ Entrances are also compatible with 1600 Wall System™1, as well as other Kawneer framing systems. The total package and options allow easy adaptation to custom entrance requirements.

Aesthetics

The interior thermal cladding means that Insulclad™ Entrances are 2-1/4" deep – slightly deeper than standard entrances. A major benefit of the two-piece construction and interior cladding is the ability to create different interior and exterior colors. 260 Insulclad™ Entrances provides a slimmer look, while 360 provides extra strength for heavy-traffic applications such as schools and institutions, and 560 provides a monumental visual statement for applications such as banks and government buildings. Insulclad™ Entrance dimensions include:

	260	360	560
Stile widths	2-1/8" (54 mm)	3-1/2" (88.9 mm)	5" (127 mm)
Top rail	2-1/4" (57.2 mm)	3-1/2" (88.9 mm)	5" (127 mm)
Bottom rail	3-7/8" (98.4 mm)	6-1/2" (165.1 mm)	6-1/2" (165.1 mm)

All three entrances offer an optional 7-1/2" (190.5 mm) and 10" (254 mm) bottom rail. Additionally, optional horizontal cross rails are offered in 2-1/4" (57.2 mm), 3-1/2" (88.9 mm), 6" (152.4 mm) and 8-1/4" (209.6 mm) dimensions. Maximum size for single entrances is 3'6" x 8'0" (1067 mm x 2438 mm) or 7'0" x 8'0" (2134 mm x 2438 mm) for pairs of entrances.

Insulclad™ Entrances are single acting and mounted on offset pivots, butt hinges or continuous hinges. The 260, 360 and 560 Entrances accept 1" (25.4 mm) infills, and numerous Kawneer hardware options are available.

Performance

To resist both lever arm and torsion forces that constantly act on any door, all three Insulclad™ entrances feature Dual Moment corner construction with four Sigma deep penetration and fillet welds, plus mechanical fastening at each corner. Each door corner comes with a Limited Lifetime Warranty, which is good for the life of the door under normal-use operation. This warranty is transferable from building owner to building owner and is in addition to the standard two-year warranty covering each Kawneer door.

Kawneer Sealair™ bulb neoprene weather stripping forms a positive seal around the door frame and provides a substantial reduction in air infiltration, which results in improved comfort and economies in heating and cooling costs. The system is wear and temperature resistant and replaces conventional weathering. Bottom weather strip at the interior contains a flexible blade gasket to meet and contact the threshold, enhancing the air and water infiltration performance characteristics. Computer simulation testing has been conducted in accordance with NFRC 100/200/500 and standard 15 AAMA 507-03 glass options.



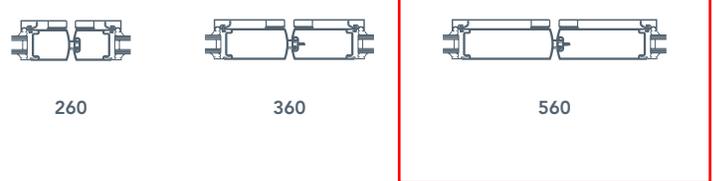
TSYS North Center, Columbus, GA
 Architect: C.S.I. Architects, Columbus, GA
 Glazing Contractor: Uneeda Glass Co., Columbus, GA

For the Finishing Touch

Architectural Class I anodized aluminum finishes are available in clear and Permanodic™ color choices.

Painted finishes, including fluoropolymer, that meet AAMA 2605 are offered in many standard choices and an unlimited number of specially designed colors.

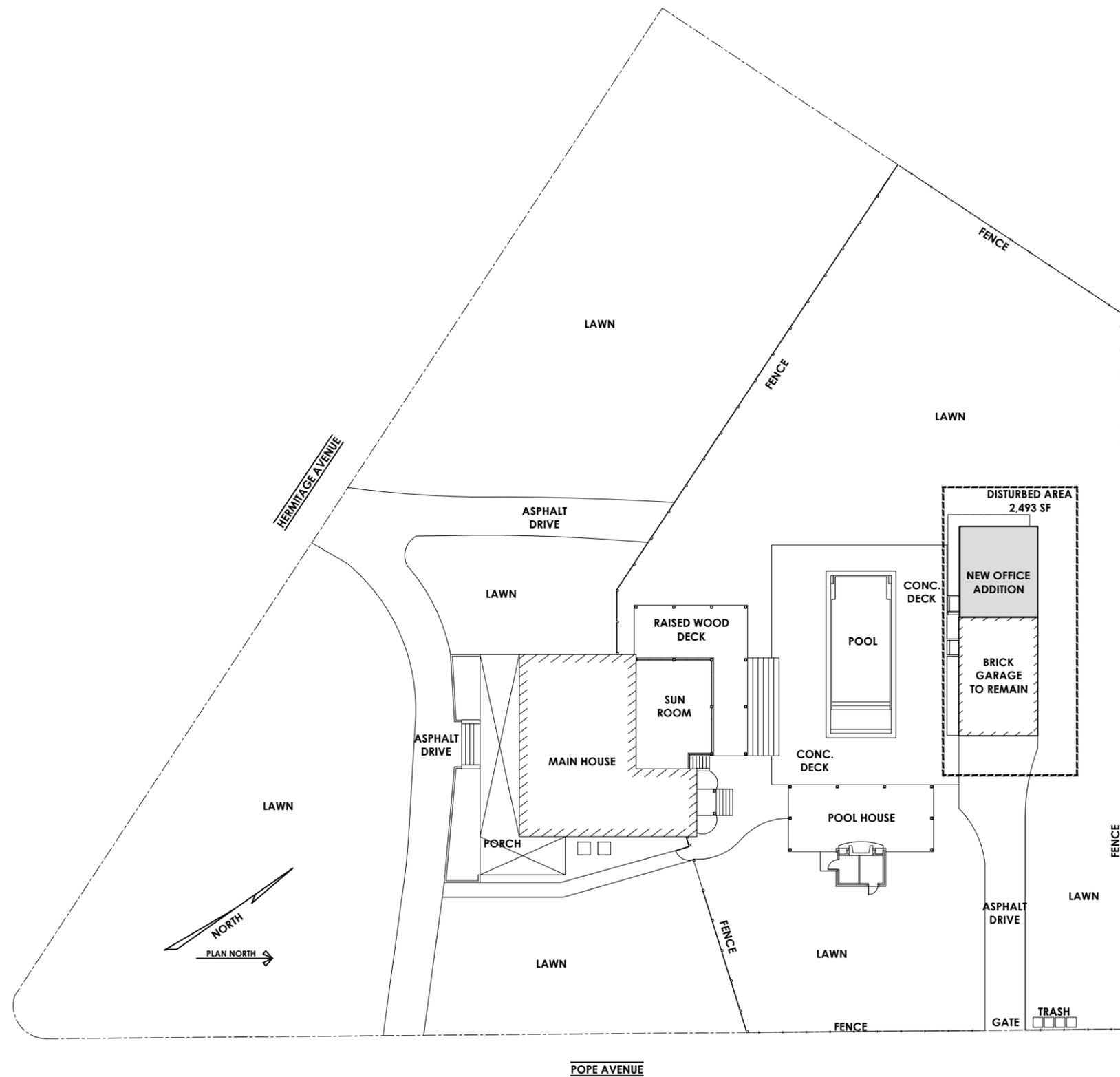
Solvent-free powder coatings add the green element with high performance, durability and scratch resistance that meet the standards of AAMA 2604.



Kawneer Company, Inc.
 Technology Park / Atlanta
 555 Guthridge Court
 Norcross, GA 30092

kawneer.com
 770 . 449 . 5555



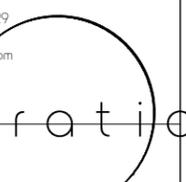


NOTES:
SITE PLAN

1406 Laburnum Park Blvd.
Richmond VA 23227

t & f . 804.264.1729

www.ratiostudio.com



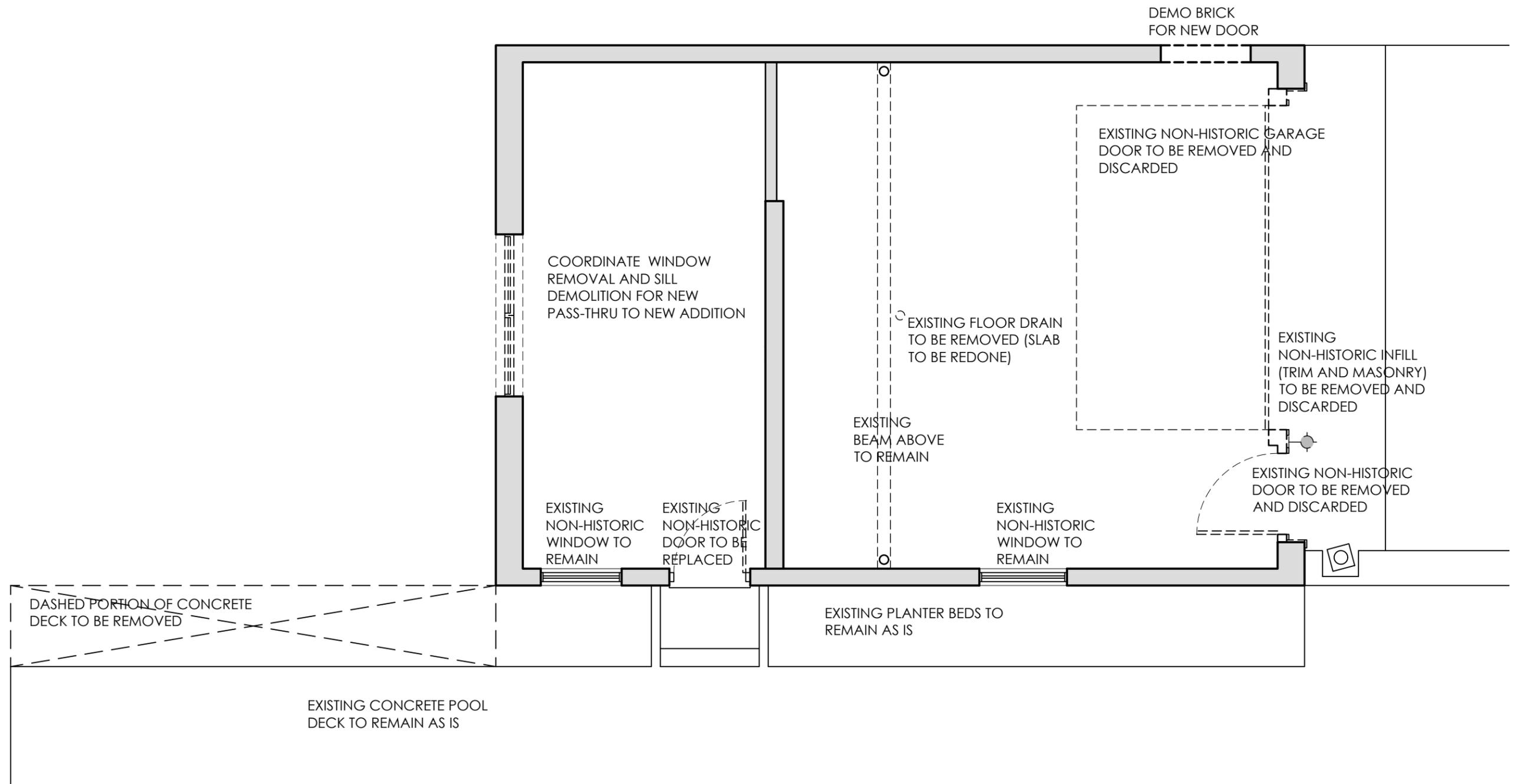
SK - 01
Drawing: 1 of 7

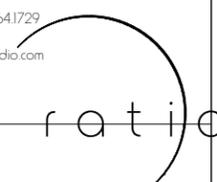
04 . 24 . 24
CAR Amendment Submission
SCALE: 1/32" = 1'-0"

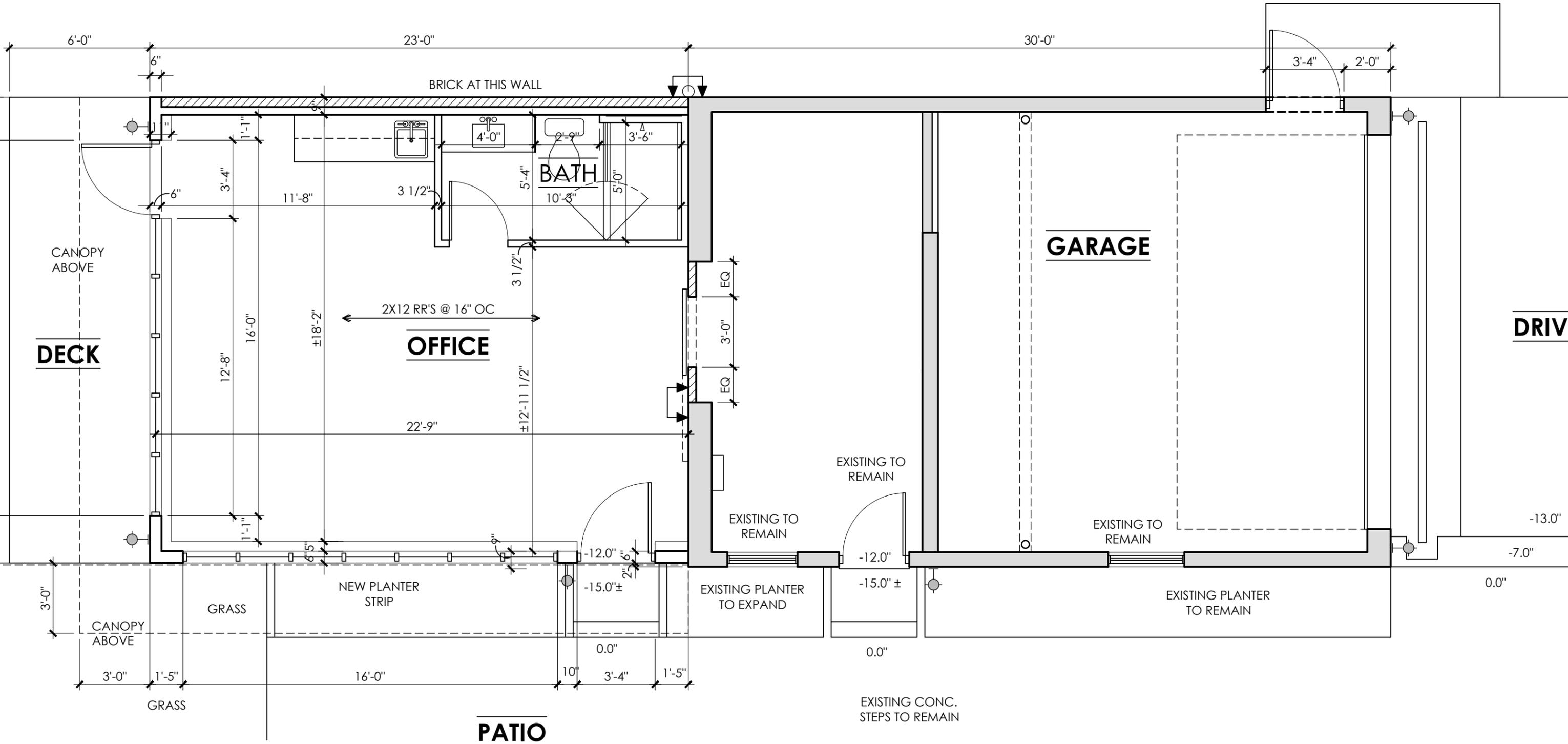
Shifflett Garage Addition

1630 Pope Avenue
Richmond, Virginia 23227

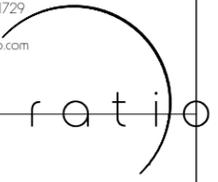
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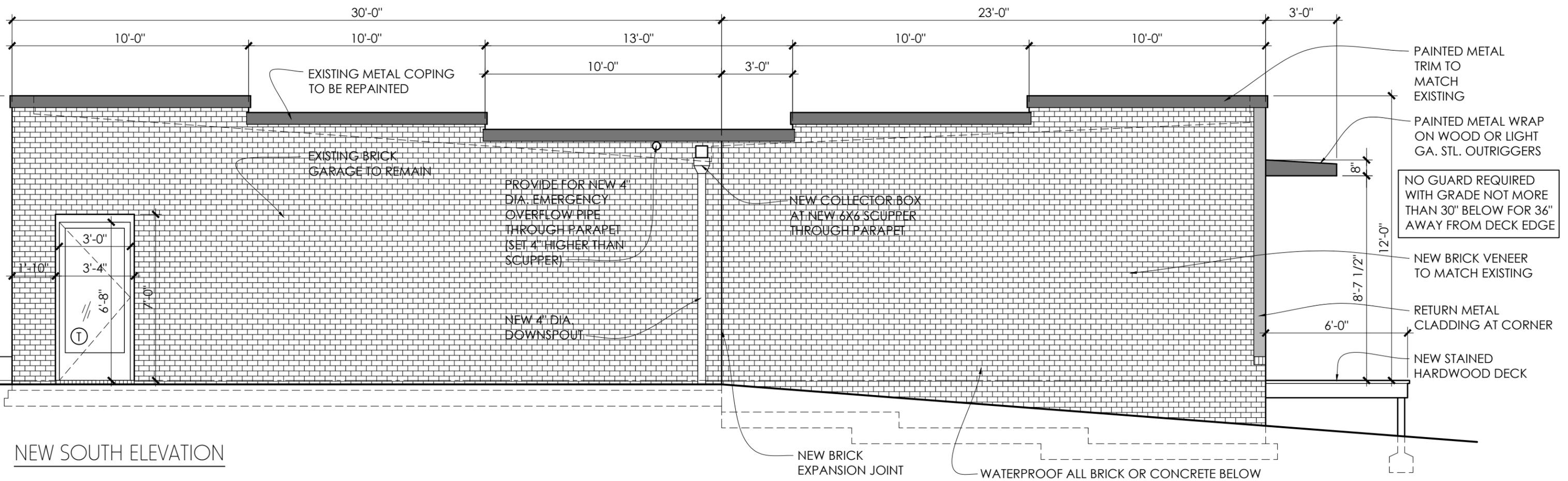


<p>04 . 24 . 24 CAR Amendment Submission SCALE: 1/4" = 1'-0"</p>	<p>SK - 02 Drawing: 2 of 7</p>	<p>NOTES: EXISTING/ DEMOLITION PLAN</p>	<p>1406 Laburnum Park Blvd. Richmond VA 23227 t & f . 804.264.1729 www.ratiostudio.com</p> 
<p>Shifflett Garage Addition 1630 Pope Avenue Richmond, Virginia 23227</p>			

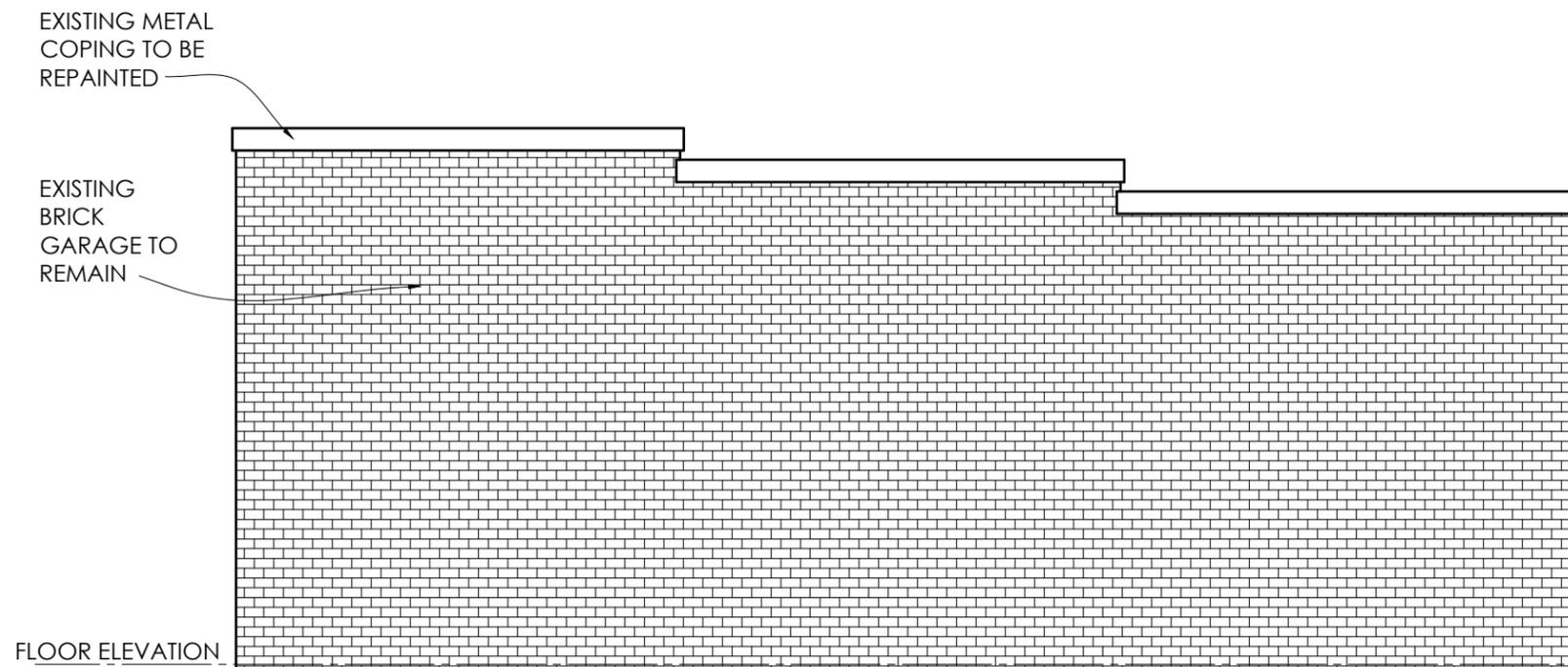


04 . 24 . 24 CAR Amendment Submission SCALE: 1/4" = 1'-0"	SK - 03 Drawing: 3 of 7	NOTES: NEW ADDITION PLAN 1406 Laburnum Park Blvd. Richmond VA 23227 t & f . 804.264.1729 www.ratiostudio.com
	<h1>Shifflett Garage Addition</h1> <p>1630 Pope Avenue Richmond, Virginia 23227</p>	





NEW SOUTH ELEVATION



EXISTING SOUTH ELEVATION

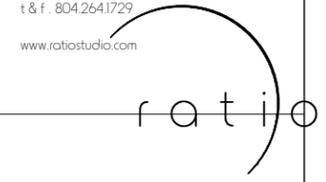
- PAINTED METAL TRIM TO MATCH EXISTING
- PAINTED METAL WRAP ON WOOD OR LIGHT GA. STL. OUTRIGGERS
- NO GUARD REQUIRED WITH GRADE NOT MORE THAN 30" BELOW FOR 36" AWAY FROM DECK EDGE
- NEW BRICK VENEER TO MATCH EXISTING
- RETURN METAL CLADDING AT CORNER
- NEW STAINED HARDWOOD DECK

NOTES:
SOUTH ELEVATION
1406 Laburnum Park Blvd.
Richmond VA 23227
t & f . 804.264.1729
www.ratiostudio.com

SK - 04
Drawing: 4 of 7

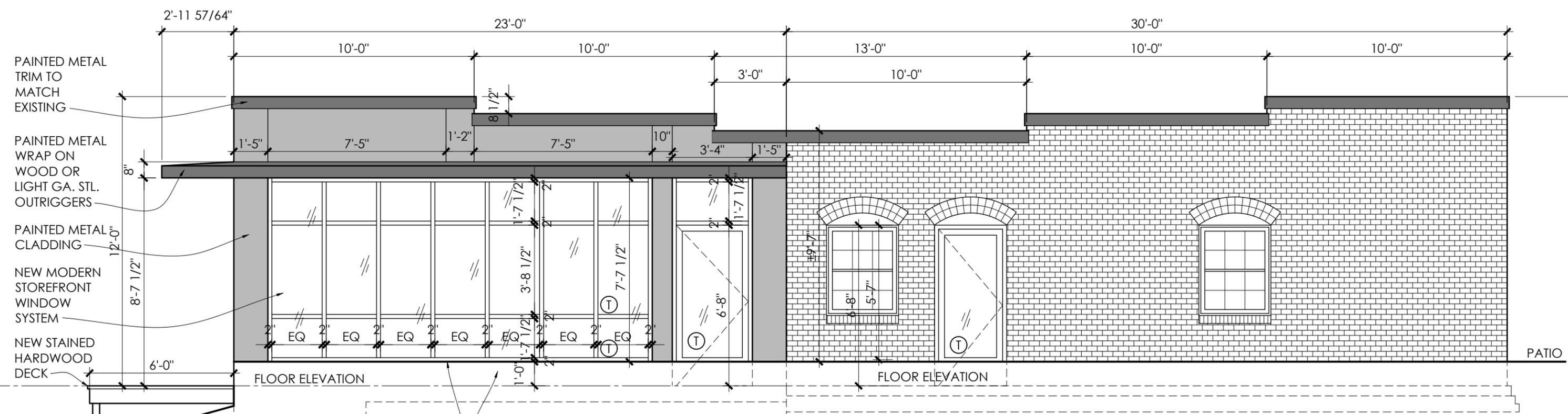
04 . 24 . 24
CAR Amendment Submission
SCALE: 1/4" = 1'-0"

Shifflett Garage Addition
1630 Pope Avenue
Richmond, Virginia 23227





EXISTING SOUTH ELEVATION



NEW SOUTH ELEVATION

NO GUARD REQUIRED WITH GRADE NOT MORE THAN 30" BELOW FOR 36" AWAY FROM DECK EDGE

WATERPROOF ALL BRICK OR CONCRETE BELOW GRADE AND ABOVE ADDITION FLOOR ELEVATION

Ⓣ SIGNIFIES TEMPERED GLASS

NOTES:
NORTH ELEVATION

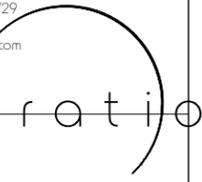
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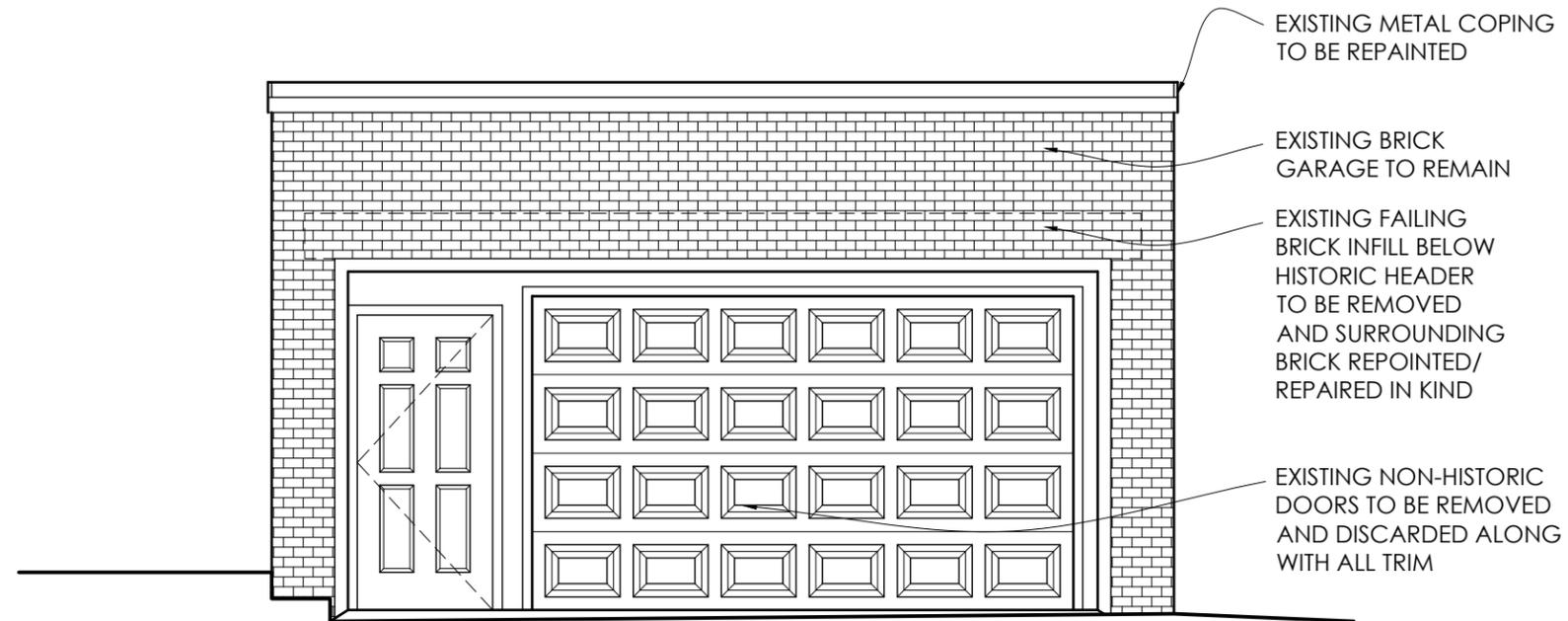
SK - 06
Drawing: 6 of 7

04 . 24 . 24
CAR Amendment Submission
SCALE: 1/4" = 1'-0"

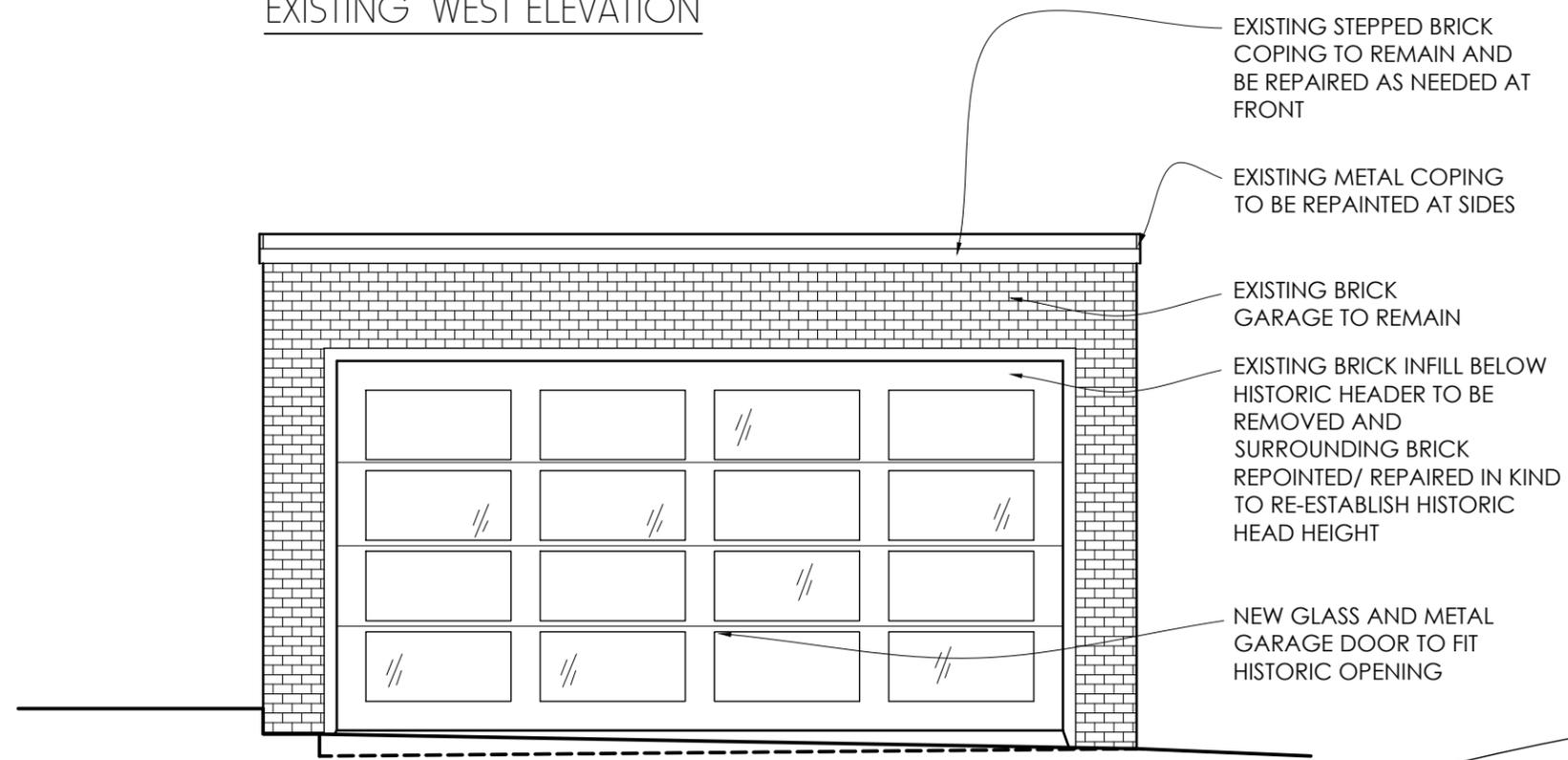
Shifflett Garage Addition

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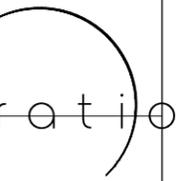
EXISTING WEST ELEVATION



NEW WEST ELEVATION

NOTES:
EAST ELEVATION

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SK - 07
Drawing: 7 of 7

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04 . 24 . 24
CAR Amendment Submission
SCALE: 1/4" = 1'-0"

Shifflett Garage Addition

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