



# COMMISSION OF ARCHITECTURAL REVIEW

## APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

PROPERTY (location of work)

Address 5 North Fifth Street, Richmond, VA 23219

Historic district Second Prebyterian Church

Date/time rec'd: \_\_\_\_\_

Rec'd by: \_\_\_\_\_

Application #: \_\_\_\_\_

Hearing date: \_\_\_\_\_

### APPLICANT INFORMATION

Name Katherine Hershey

Company Glave & Holmes Architecture

Mailing Address 2101 East Main Street  
Richmond, VA 23223

Phone (804) 649-9303

Email khershey@glaveandholmes.com

Applicant Type:  Owner  Agent

Lessee  Architect  Contractor

Other (please specify): \_\_\_\_\_

### OWNER INFORMATION (if different from above)

Name Vernon Mays

Mailing Address 5 North Fifth Street  
Richmond, VA 23219

Company Second Presbyterian Church

Phone (804) 272-2802

Email vernon\_mays@gensler.com

### PROJECT INFORMATION

Review Type:  Conceptual Review  Final Review

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

Project Description: (attach additional sheets if needed)

Please refer to attached description of the proposed work. Attachments include a written description, photos of existing conditions, and drawings of the proposed design.

### ACKNOWLEDGEMENT OF RESPONSIBILITY

**Compliance:** If granted, you agree to comply with all conditions of the COA. Revisions to approved work require staff review and may require a new application and CAR approval. Failure to comply with 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.

**Requirements:** A complete application includes all applicable information requested on checklists to provide a complete and accurate description of existing and proposed conditions. Preliminary review meeting or site visit with staff may be necessary to process the application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

**Zoning Requirements:** Prior to CAR 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 Vernon J. Mays

Date 3/29/18



# CERTIFICATE OF APPROPRIATENESS

## ALTERATION AND ADDITION CHECKLIST

**Well in advance of the COA application deadline contact staff to discuss your project, and if necessary, to make an appointment to meet with staff for a project consultation.**

Complete all applicable sections and submit with the COA application form. Staff can assist you in determining what items are required for your scope of work. An incomplete application may cause delays in processing or may be deferred to the next agenda. Application materials must clearly represent current and proposed conditions. Refer to Standards for Rehabilitation outlined in Section 30.930.7(b) of the City Code, as well as, the *Richmond Old and Historic Districts Handbook and Design Review Guidelines*.

**PROPERTY ADDRESS:** 5 North Fifth Street, Richmond, VA 23219

### BUILDING TYPE

- single-family residence
- multi-family residence
- commercial building
- mixed use building
- institutional building
- garage
- accessory structure
- other

### ALTERATION TYPE

- addition
- foundation
- wall siding or cladding
- windows or doors
- porch or balcony
- roof
- awning or canopy
- commercial sign
- ramp or lift
- other

### WRITTEN DESCRIPTION

- property description, current conditions and any prior alterations or additions
- proposed work: plans to change any exterior features, and/or addition description
- current building material conditions and originality of any materials proposed to be repaired or replaced
- proposed new material description: attach specification sheets if necessary

**PHOTOGRAPHS** place on 8 ½ x 11 page, label photos with description and location (refer to photograph guidelines)

- elevations of all sides
- detail photos of exterior elements subject to proposed work
- historical photos as evidence for restoration work

**DRAWINGS** (refer to required drawing guidelines)

- current site plan
- proposed site plan
- current floor plans
- proposed floor plans
- legal "plat of survey"
- list of current windows and doors
- list of proposed window and door
- current roof plan
- proposed roof plan
- current elevations (all sides)
- proposed elevations (all sides)
- demolition plan
- perspective and/or line of sight



March 30, 2018

Ms. Marianne Pitts, Secretary  
Commission of Architectural Review  
Division of Planning and Preservation  
Room 510 - City Hall  
900 East Broad Street  
Richmond, VA 23219

Second Presbyterian Church Building Improvements  
Commission No. 21483

**Re: Commission of Architectural Review Submission Application for Certificate of Appropriateness**

Dear Ms. Pitts,

The primary goal of this project is to enhance the hospitable operation of Second Presbyterian Church's facilities in the Virginia Building. The proposed work will result in upgraded finishes, character, and accessibility on the interior, and improved visibility of the primary entry door on the building's exterior. This submission includes the proposed exterior changes.

Please read the following written description of the intended Second Presbyterian Church Building improvements, as required for this application.

PROPERTY DESCRIPTION, CURRENT CONDITIONS AND ANY PRIOR ALTERATIONS OR ADDITIONS

Second Presbyterian Church (SPC) is located at 5 North Fifth Street and was originally built circa 1845. The property is in a City Old and Historic District designated specifically for SPC and the Virginia Building. Since its original construction, SPC has acquired the Virginia Building at the corner of 5th and Main Streets, which houses the majority of the church's social, educational, and outreach programs. A two-story atrium enclosed by curtain wall facade and roof was constructed to connect the two buildings in 1987. Additional minor renovations have taken place over the years, including an interior renovation to the Virginia Building in 2008.

2101 East Main Street, Richmond, Virginia 23223  
(804) 649-9303 *telephone* (804) 343-3378 *facsimile*  
WWW.GLAVEANDHOLMES.COM

PROPOSED WORK: PLANS TO CHANGE ANY EXTERIOR FEATURES, AND/OR ADDITION DESCRIPTION

The proposed work consists of reconfiguring a portion of the existing curtain wall system to make the courtyard door into the atrium space more visible from the street entry. The proposed change will result in the new curtain wall intersecting the church's historic fabric approximately six linear feet around the corner from where it currently dies into the original church building. The existing curtain wall roof attaches to the southern wall of the original church building and will be extended to enclose the increased atrium area. The atrium footprint will increase by approximately 88 square feet.

A glazed awning is proposed to cover the new entry door. Information for the basis-of-design awning product is included with this submission.

SPC is undertaking work separately from this project to relocate a fountain in the courtyard that would conflict with the new entrance. The fountain was installed in 1991. Slate pavers to match the existing paved surface will be provided in its place. Please refer to the attached photographs and drawings for more information.

CURRENT BUILDING MATERIAL CONDITIONS AND ORIGINALITY OF ANY MATERIALS PROPOSED TO BE REPAIRED OR REPLACED

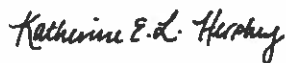
The curtain wall system to be removed and replaced is not part of the historic church fabric. The facade remains functional and in fair condition, but in need of minor maintenance. A chamfered brick curb (constructed concurrently with the curtain wall in 1987) will also be partially removed and replicated at the base of the newly configured, newly constructed curtain wall facade. The proposed brick has been selected to match the existing masonry; please refer to the attached product information.

PROPOSED NEW MATERIAL DESCRIPTION: ATTACH SPECIFICATION SHEETS IF NECESSARY

The proposed curtain wall system is Kawneer 1600 and is intended to match the existing curtain wall system. Product information sheets for the curtain wall facade and roof are included in this submission.

We believe the intended work outlined in this submission will respect the heritage of the property while accommodating the changing needs of its present-day community. Thank you for your time and consideration of our project.

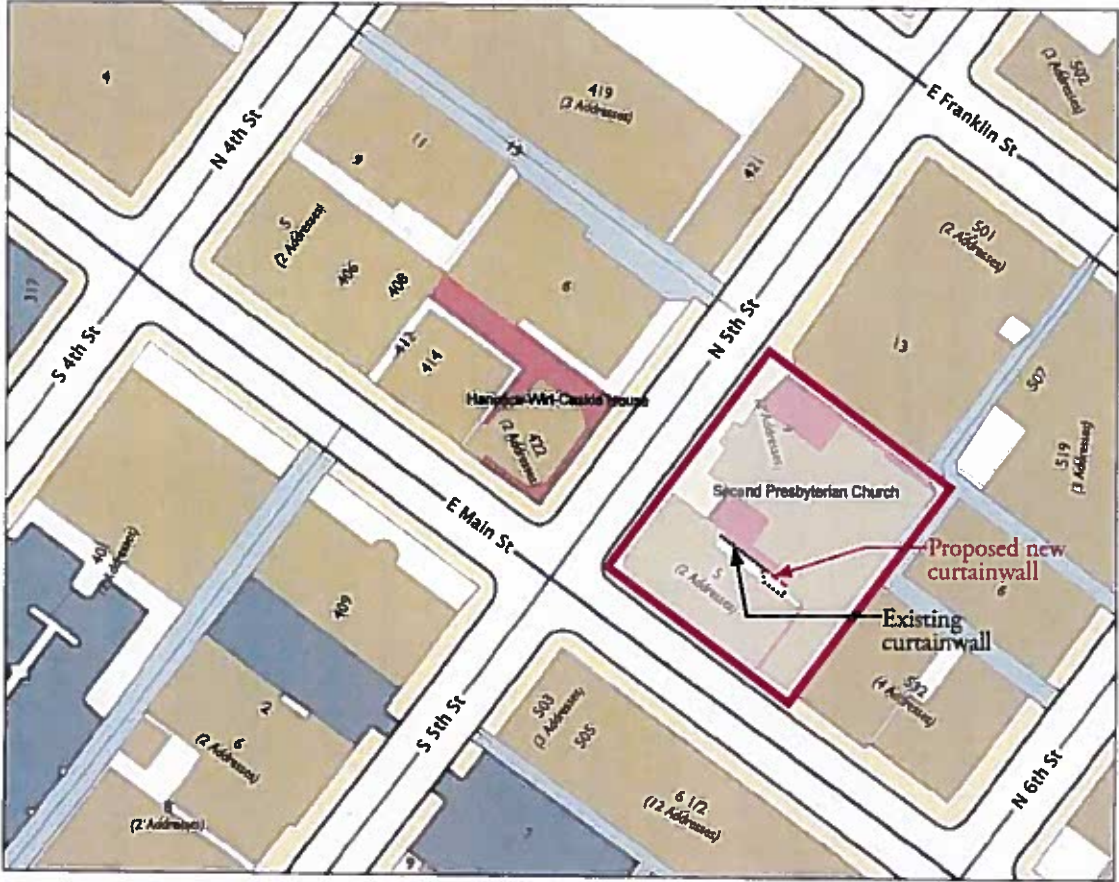
Kindest regards,



Katherine Hershey, RA NCARB

# Second Presbyterian Church - 9 N. 5th Street

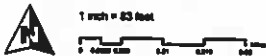
City of Richmond, VA  
Geographic Information Systems



Location Reference



Disclaimer:  
The City of Richmond assumes no liability either for any errors, omissions, or damages, or for any consequences of the use of the information provided. The information is provided for informational purposes only. The user shall verify the data or information with any other or additional sources.



Legend

City Old & Historic Sites

Map printed by contract on 2009-11-13  
Document Path: C:\DOCUMENTS\1\work\LOCALS\1\Temp-DP\875 map



SITE MAP



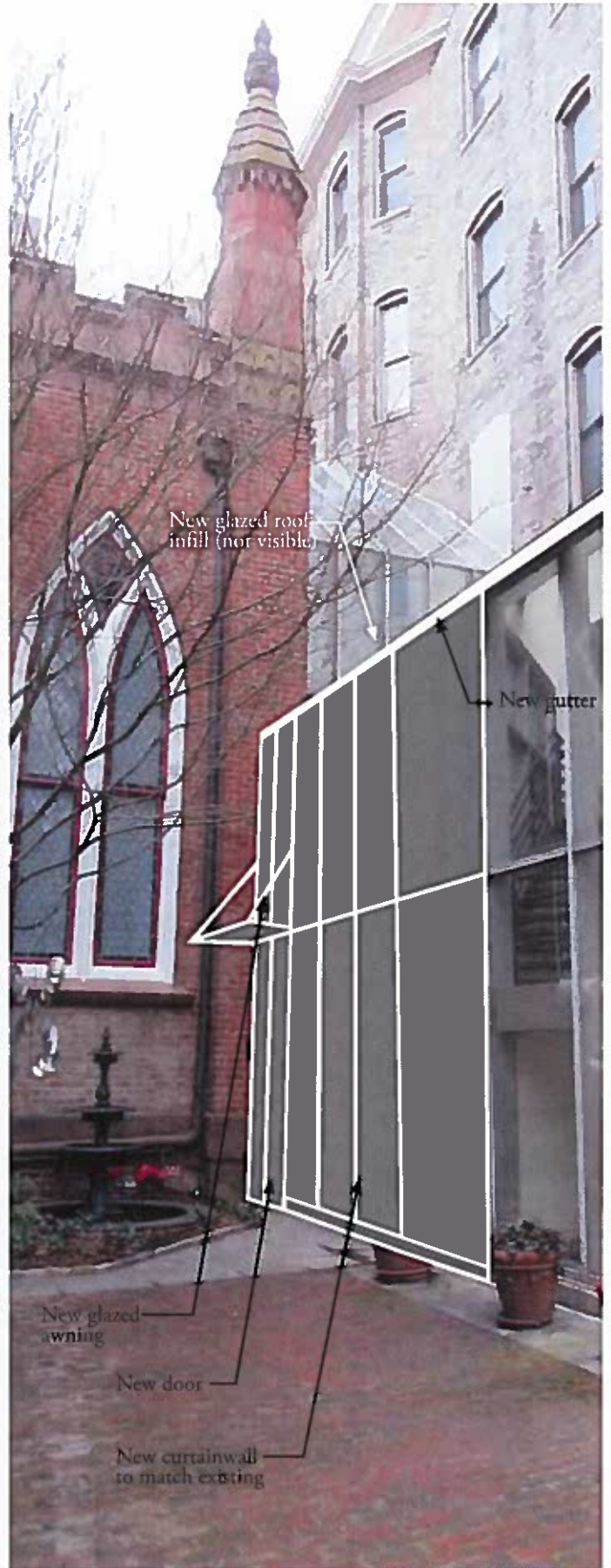
VIEW FROM NORTH FIFTH STREET LOOKING EAST



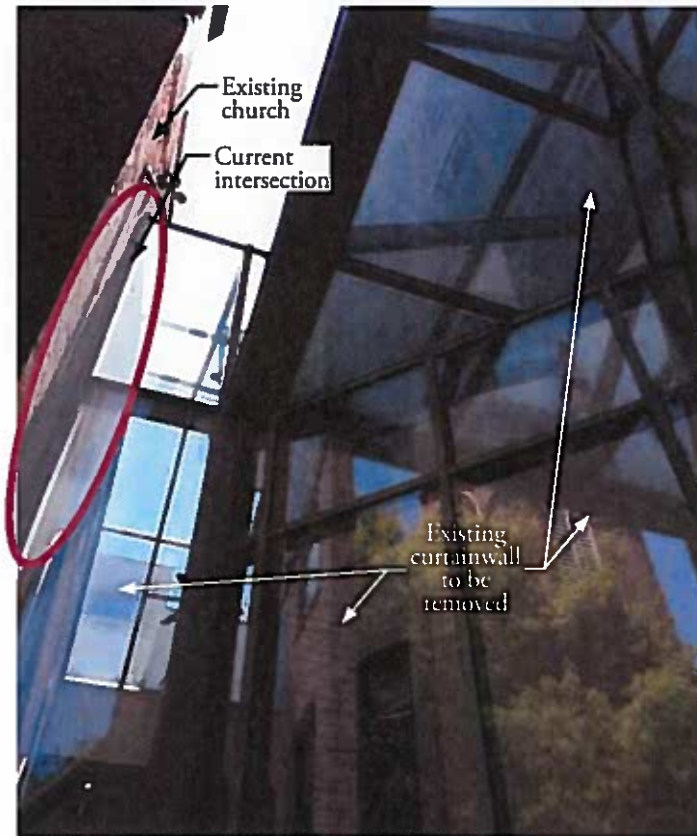
VIEW FROM NORTH FIFTH STREET LOOKING EAST



VIEW INSIDE COURTYARD LOOKING EAST TOWARD ENTRY



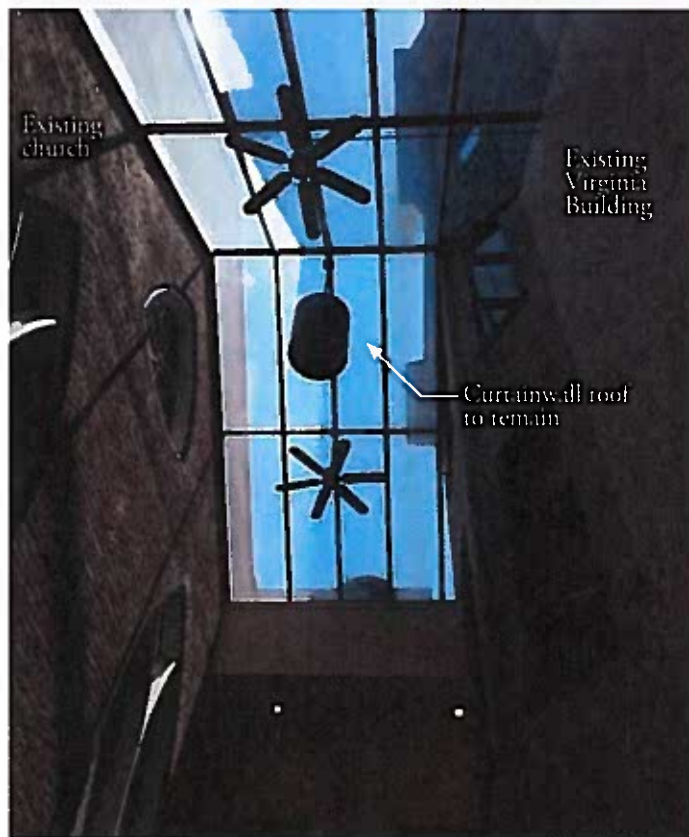
VIEW INSIDE COURTYARD LOOKING EAST TOWARD ENTRY - PROPOSED SKETCH



VIEW FROM COURTYARD LOOKING UP AT CURTAINWALL ROOF COVER AND INTERSECTION TO EXISTING CHURCH BUILDING



VIEW FROM COURTYARD OF EXISTING DOOR AND PAVERS TO BE REMOVED; BRICK CURB PROFILE TO BE REPLICATED AT NEW CURTAINWALL SILL



VIEW INSIDE ATRIUM SHOWING INTERSECTION OF CURTAINWALL ROOF WITH EXISTING CHURCH AND VIRGINIA BUILDING



VIEW FROM INTERIOR LOOKING WEST AT EXISTING CURTAINWALL CONFIGURATION AND INTERSECTION WITH EXISTING CHURCH



# 1600 Wall System™1 / System™2

PROPOSED  
CURTAIN WALL  
SYSTEM

Imposing Statements –  
Used Together or Independently



Knight Oil Tools Corporate Facility, Lafayette, LA  
Architect: Donald J. Breaux Architect, Lafayette, LA  
Glazing Contractor: Advantage Glass & Mirror, New Iberia, LA, with  
installation assistance from DeGeorgo Glass Company, Inc., Metairie, LA

Building on the proven success of Kawneer's 1600 Wall System™ which set the standards for curtain wall engineering, 1600 Wall System™1 and 1600 Wall System™2 provide reliability with versatile features. Both are stick-fabricated, pressure glazed curtain walls for low-to-mid-rise applications and are designed to be used independently or as an integrated system to provide visual impact for almost any type of building.

- 1600 Wall System™1 is an outside glazed, captured curtain wall
- 1600 Wall System™2 is a Structural Silicone Glazed (SSG) curtain wall

## Aesthetics

Even the smallest details of 1600 System™1/1600 Wall System™2 reflect the aesthetics and reliability that derive from Kawneer's precise engineering and experience. The joinery for both systems is accomplished with concealed fasteners to create unbroken lines and a monolithic appearance. When using optional, open back horizontal mullions, the fillers snap at the edge, producing an uninterrupted sight line.

## Performance

Key aspects of 1600 System™1 and 1600 Wall System™2 are enhanced for higher performance. Pressure equalization has been designed into the system and all components are silicone compatible to provide superior longevity. For installations where severe weather conditions are prevalent, 1600 Wall System™1 has been large missile hurricane impact and cycle tested. Proven through years of high performance, both systems are tested according to industry standards:

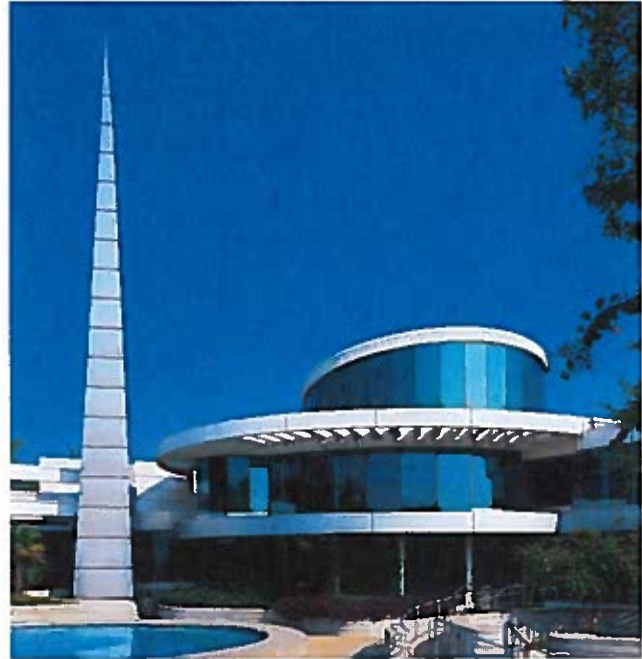
Air Performance	ASTM E-283
Static Water Penetration	ASTM E-331
Dynamic Water Penetration	AAMA 501.1
Structural Performance	ASTM E-330
"U" Value, CRF	AAMA 1503.1
Sound Transmission Rating	ASTM E 90-90
Seismic Performance	AAMA 501.4

## For the Finishing Touch

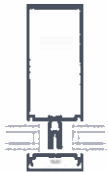
Architectural Class I anodized aluminum finishes are available in clear and Permanodic™ color choices.

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.



Hunter Henry Center at Mississippi State University,  
Mississippi State, MS  
Architect: Foil Wyatt Architects & Planners, P.A., Jackson, MS  
Glazing Contractor: American Glass Company, Inc., Columbus, MS



1600 Wall System™1



1600 Wall System™2

1600 Wall System™1/1600 Wall System™2:

- for reliability
- for performance
- for versatility
- for a smooth, monolithic appearance
- for uninterrupted sight lines

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

[kawneer.com](http://kawneer.com)  
770 . 449 . 5555

 **KAWNEER**  
AN ARCONIC COMPANY

© Kawneer Company, Inc. 2007-2017 LITHO IN U.S.A. Form No. 17-2220 A  
1600 Wall System™ is a trademark of Kawneer Company, Inc.



# 1600 S.G. (Sloped Glazing)

PROPOSED  
CURTAIN WALL  
ROOF SYSTEM

Offering Multiple Glazing Options  
and Spectacular Aesthetics with  
Curtain Wall Performance



Farm Family Insurance Companies, Glenmont, New York, USA  
Architect: Crozier Associates, P.C., Albany, New York, USA

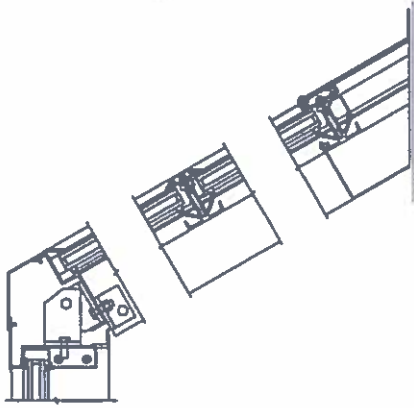
Kawneer's 1600 S.G. is a standardized aluminum wall system for sloped glazing that delivers curtain wall performance. It is adaptable to three basic applications: (1) sloped glazing integrated with vertical curtain wall; (2) slopes terminating on a parapet wall or curb; and (3) slopes applied to a steel grid subframe. The 1600 S.G. system may also be used on inside or outside corner applications.

### Aesthetics

The system has a flush grid exterior with a 2-1/2" (63.5 mm) sightline. Rafters are available in 3-1/8" (79.4 mm), 4-3/4" (120.7 mm) and 6" (152.4 mm) depths to meet design or performance requirements. Additionally, an 8-5/8" (219.1 mm) rafter is available for longer spans. 1600 S.G. accepts 3/16" (4.8 mm) to 1-5/16" (33.3 mm) thick glazing material. Glazing is accomplished (from the exterior) with pressure plates and wet sealed.

## Economy

1600 S.G. is factory fabricated, shipped knocked down and installed as a stick system. Screw spline fastening at purlin-to-rafter joints substantially reduces construction labor and also eliminates unsightly bolts and exposed fasteners.

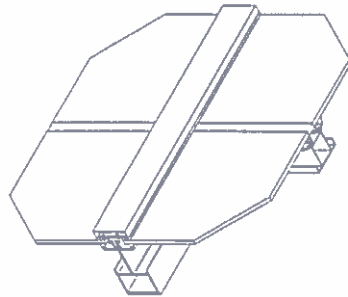


## Performance

An insulating thermal break is placed at the exterior of the glass plane to minimize heat loss and condensation. A drainage system in the rafters and purlins allows condensed moisture to be channeled through a continuous sill gutter to the exterior. The system has been tested in accordance with ASTM procedures for air, water and structural performance. Certified test reports are available upon request.

1600 S.G. features:

- Provides passive solar value
- Multiple glazing options
- High performance
- Positive drainage system



Radisson Hotel-Airport, Orlando, Florida, USA

Architect: Archiplan International, Ltd., Rolling Meadows, Illinois, USA

## For the Finishing Touch

Permanodic™ anodized finishes are available in Class I and Class II in seven different color choices.

Painted finishes, including fluoropolymer, that meet or exceed 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](http://kawneer.com)  
770 . 449 . 5555

 **KAWNEER**  
AN ARCONIC COMPANY

© Kawneer Company, Inc. 2011–2017 LITHO IN U.S.A. Form No. 17-2216  
1600 PowerShade™, 1600 Wall System™ and Permanodic™ are trademarks of Kawneer Company, Inc.



**Kawneer Anodize finishes**

Kawneer gives you a wide variety of anodized finishes with attractive alternatives. The benefit of a durable, anodized finish is married to the beauty of some very dynamic and exciting colors.

At the start of every design, there's a choice of how you want to finish. Contact your Kawneer sales rep for the information on these and other finishes available from Kawneer.

	KAWNEER FINISH NO.	COLOR	ALUMINUM ASSOCIATION SPECIFICATION	OTHER COMMENTS
<b>COLOR TO MATCH EXISTING ADJACENT CURTAIN WALL TO BE RETAINED</b>				
	#14	CLEAR	AA-M10C21A41 / AA-M45C22A41	Architectural Class I (.7 mils minimum)
	#17	CLEAR	AA-M10C21A31	Architectural Class II (.4 mils minimum)
	#18	CHAMPAGNE	AA-M10C21A44	Architectural Class I (.7 mils minimum)
	#26	LIGHT BRONZE	AA-M10C21A44	Architectural Class I (.7 mils minimum)
	#28	MEDIUM BRONZE	AA-M10C21A44	Architectural Class I (.7 mils minimum)
	#40	DARK BRONZE	AA-M10C21A44 / AA-M45C22A44	Architectural Class I (.7 mils minimum)
	#29	BLACK	AA-M10C21A44	Architectural Class I (.7 mils minimum)

# CRL GLASS AWNINGS

## CRL Glass Awning Support System

- Complete Hardware System for 9/16" (14 mm) Tempered Laminated Glass Awnings
- Provides Protection From the Weather Without Obstructing the View
- Adjustable Slope for Most Weather Conditions
- All High Grade 316 Alloy Stainless Steel Components for Panel Sizes Up to 48" (1219 mm) Wide and 72" (1829 mm) Long With Two Rods and Mounting Kits
- Easy Installation Allows an Economical and Elegant Solution for Both Commercial and Residential Applications

**DESCRIPTIONS-**  
 Material: All 316 Alloy Stainless Steel construction.  
 Typical Panels: 9' 10" (14 mm), 12' 0" (14 mm), 15' 0" (14 mm), 18' 0" (14 mm), 21' 0" (14 mm), 24' 0" (14 mm), 27' 0" (14 mm), 30' 0" (14 mm), 33' 0" (14 mm), 36' 0" (14 mm), 39' 0" (14 mm), 42' 0" (14 mm), 45' 0" (14 mm), 48' 0" (14 mm).  
 Maximum Panel Size: 48" (1219 mm) wide and 72" (1829 mm) long.  
 Maximum Slope: 15° (1:4).  
 Maximum Wind Speed: 150 mph (241 km/h).  
 Maximum Snow Load: 20 psf (0.96 kN/m²).  
 Maximum Ice Load: 10 psf (0.48 kN/m²).  
 Maximum Rain Load: 10 psf (0.48 kN/m²).  
 Maximum Hail Load: 10 psf (0.48 kN/m²).  
 Maximum Debris Load: 10 psf (0.48 kN/m²).  
 Maximum Temperature: 120°F (49°C).  
 Minimum Temperature: -40°F (-40°C).  
 Maximum UV Radiation: 1000 hours per year.  
 Maximum Humidity: 100% relative humidity.  
 Maximum Altitude: 10,000 feet (3,048 meters).  
 Maximum Seismicity: 0.25 g.  
 Maximum Vibration: 0.1 g.  
 Maximum Acceleration: 0.1 g.  
 Maximum Displacement: 0.1 g.  
 Maximum Strain: 0.1%.



The CRL Glass Awning Support System will give any entrance an unobstructed, graceful look. With the use of tempered laminated glass you can add a range of glass colors, textures, and special effects not available with typical window glass. This specialized system maintains the design of any building.

The use of eye and fork connectors makes the installation of our Awning System quick and easy. The Connecting Rods are designed to make field adjustments on varying job conditions a snap. All components are 316 Alloy Stainless Steel for durability in even the harshest of environments.

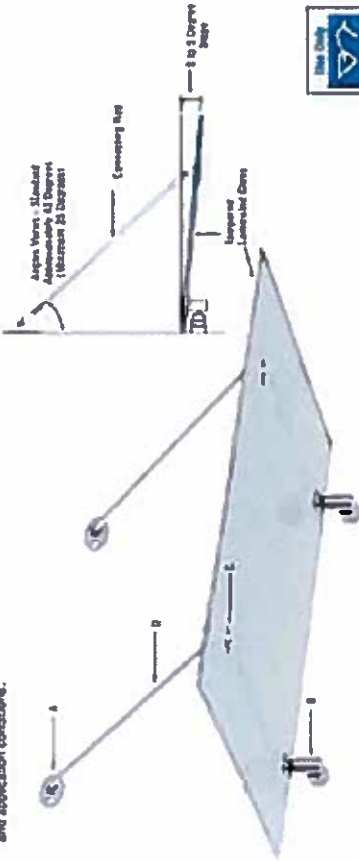
For additional information, contact CRL Architectural and Commercial Metals Technical Sales at (800) 431-6144 in the U.S., (877) 431-6144 in Canada, or (323) 888-1281 International. Ask for Est. 7770. You can also e-mail us through our web site at [enquiries@crl.com](mailto:enquiries@crl.com). From the Home Page click on Technical Sales, and then click on Technical Sales.

# CRL GLASS AWNINGS

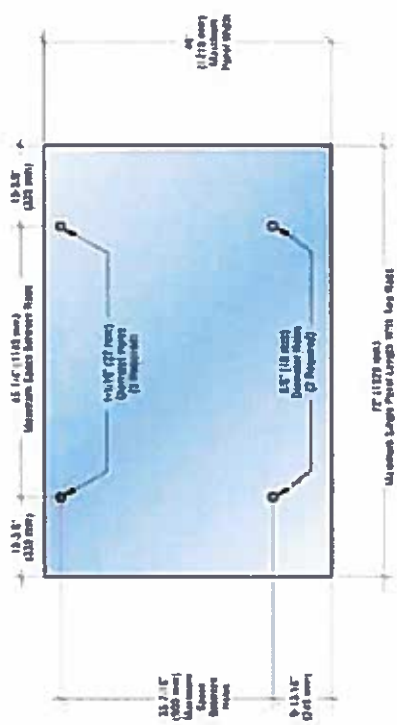
## CRL Glass Awning Support System

### System Components

Stainless Steel Mounts (A and B) and Pivots (C) are contained in the Q.A. 811005 Mounting Kit. Other Connecting Rods (D) to suit local width and application conditions.



### Fabrication and Dimensional Information for Awning Panel



For more information on our Glass Awning System, or for a quote, contact CRL Architectural and Commercial Metals Technical Sales at (800) 431-6144 in the U.S., (877) 431-6144 in Canada, or (323) 888-1281 International. Ask for Est. 7770. You can also e-mail us through our web site at [enquiries@crl.com](mailto:enquiries@crl.com). From the Home Page click on Technical Sales, and then click on Technical Sales.

STANDARD FINISH  
FOR GLAZED AWNING  
METAL COMPONENTS

# ARCHITECTURAL METALS FINISHES AND COLORS



Brushed Stainless

## Aluminum Composite Colors



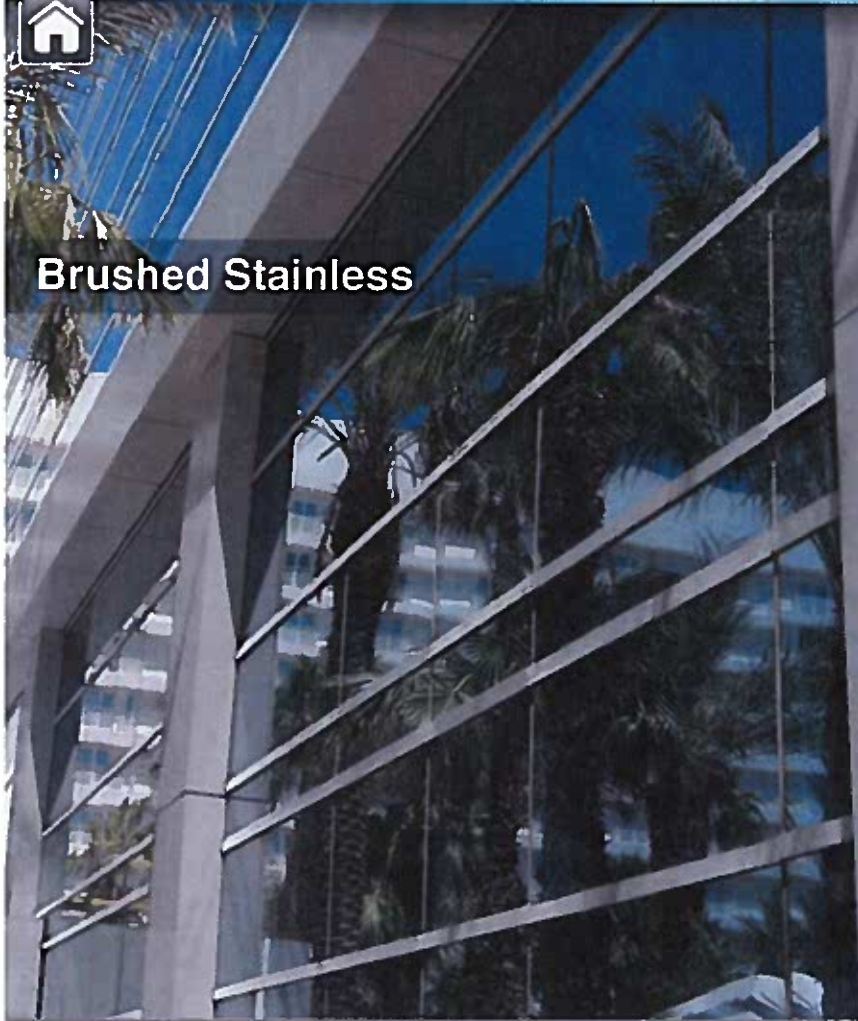
## Metal Composite Finishes



## Solid Metal Colors



Move Your Mouse Over An Image  
To View Finishes



**BRICK TO MATCH EXISTING  
MASONRY CURB**

Talk to us **704-636-2411**



Quality Brick For All Of Your Needs

ABOUT US   DISTRIBUTOR LOCATOR   PHOTO GALLERY   SALES TEAM   CONTACT

FACE BRICK   THIN BRICK   PAVERS   SPECIAL SHAPES   TEXTURES   COLOR CATALOG



### Product Info

PRODUCT 319 Gray

COLOR Gray, Cream







SCALE

**DESIGN DEVELOPMENT**

**PROJECT NUMBER**

21483

**DATE**

APRIL 16, 2018

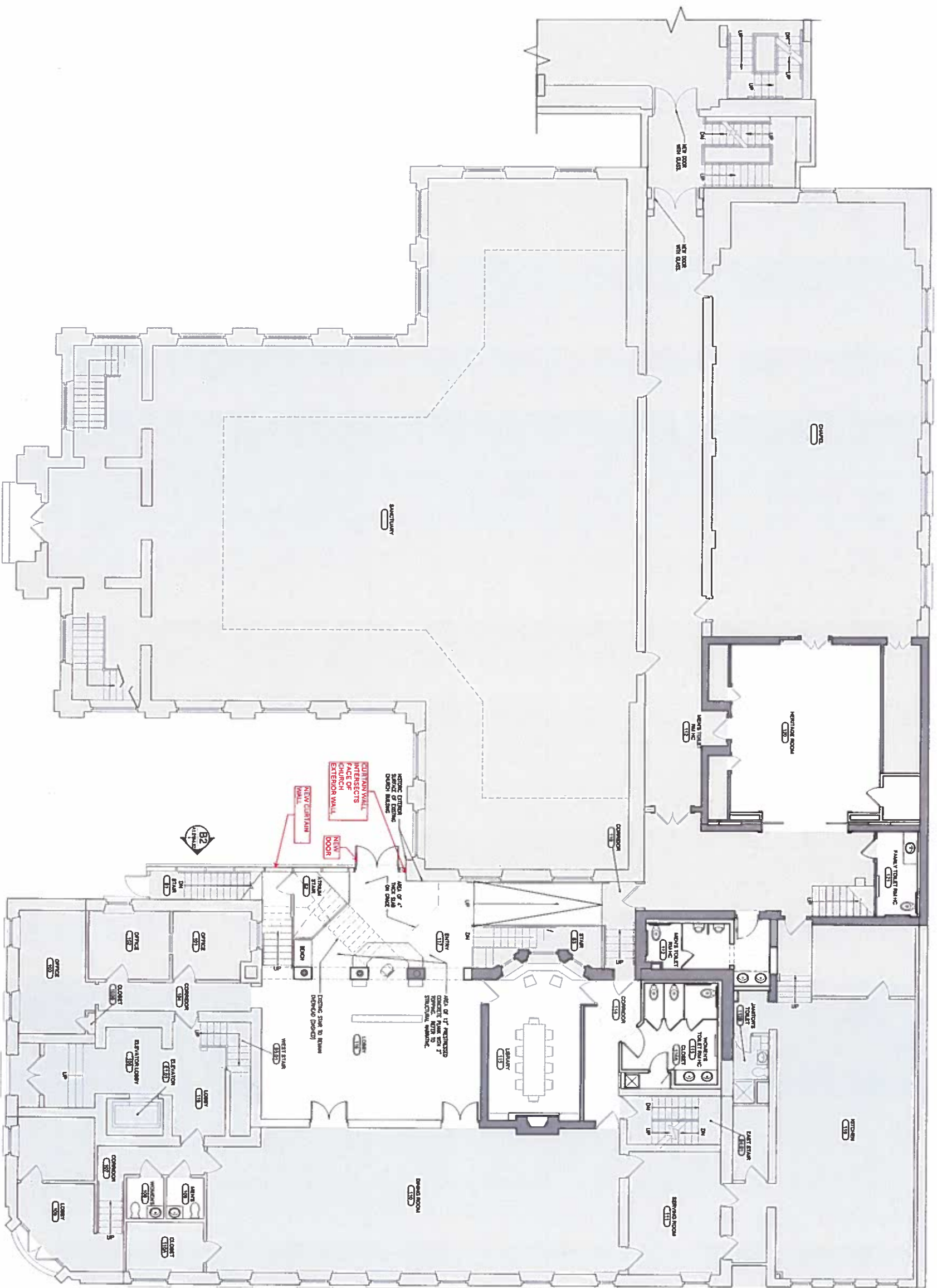
**DRAWN BY** STW **CHECKED BY** CHA

**NO. DATE DESCRIPTION**

**SHEET TITLE**  
FIRST FLOOR PLAN

**SHEET NUMBER**

**A1.01**



**FIRST FLOOR PLAN**

SCALE 1/8" = 1'-0"



A B C D E  
1 2 3 4 5

SEAL

DESIGN DEVELOPMENT

PROJECT NUMBER  
 21483

DATE  
 APRIL 16, 2018

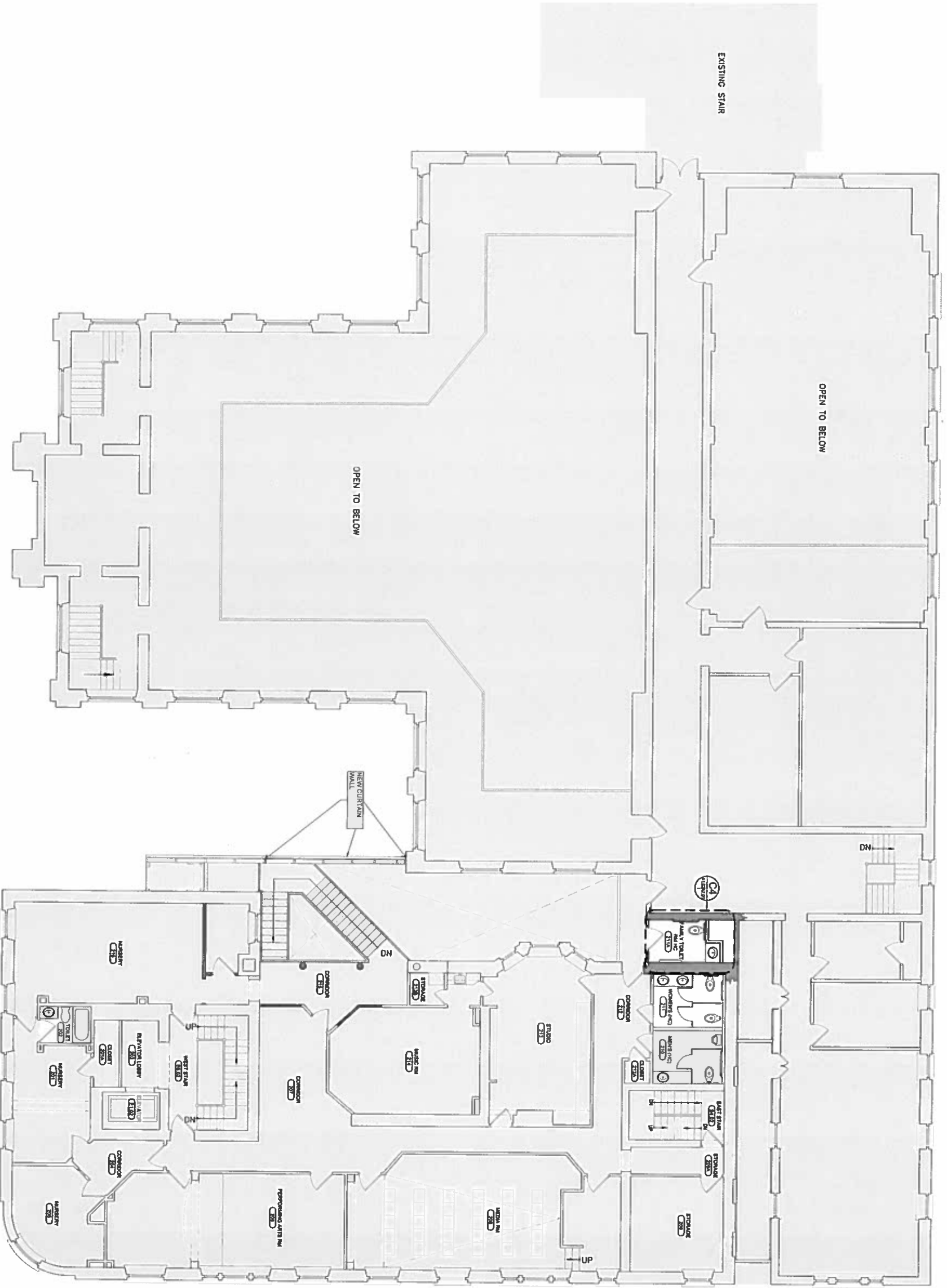
DESIGNED BY: SHH CHECKED BY: JC

NO. DATE DESCRIPTION

SHEET TITLE  
**SECOND FLOOR PLAN**

SHEET NUMBER

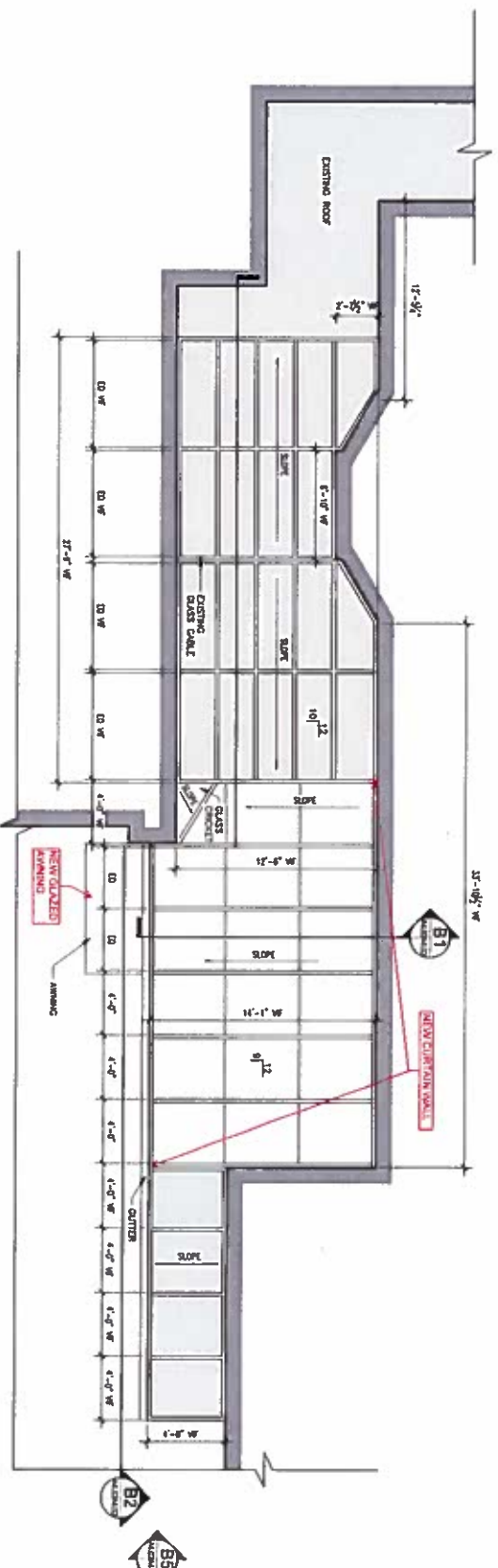
**A1.02**



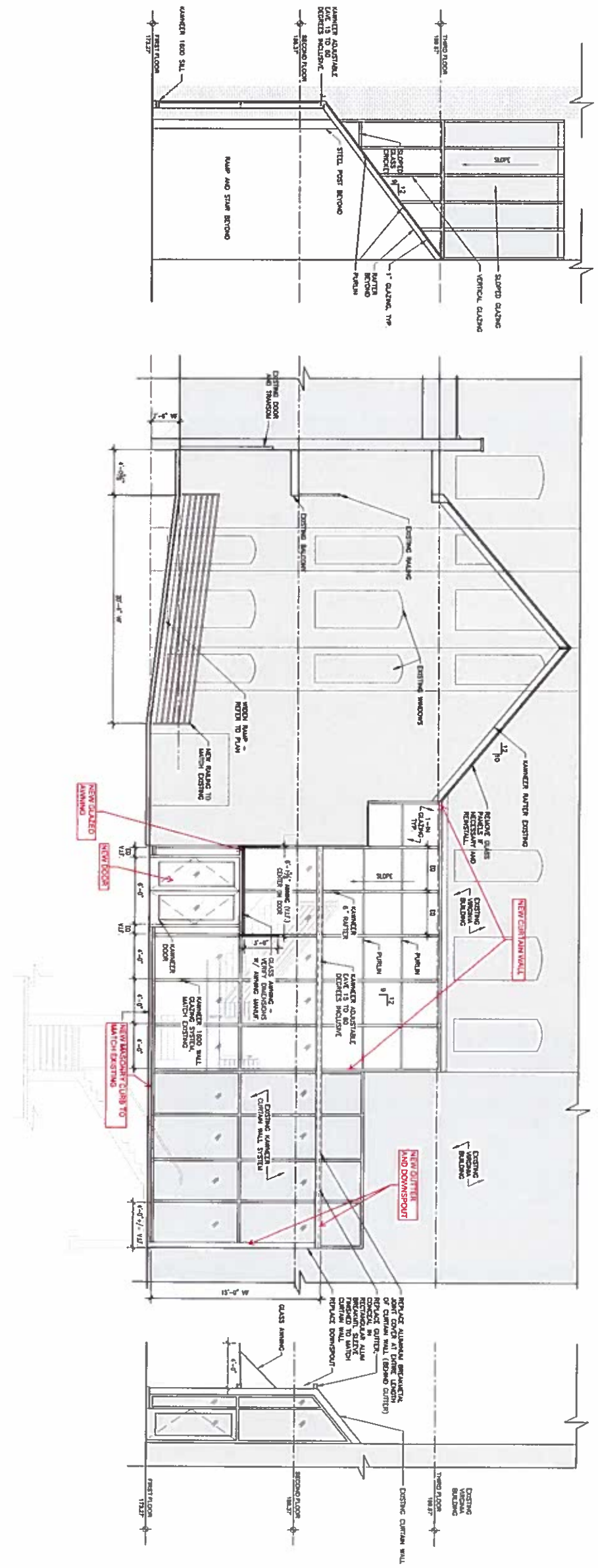
SECOND FLOOR PLAN



A B C D E  
 1 2 3 4 5



**D2** ROOF PLAN  
SCALE: 1/8" = 1'-0"



**B1** SOUTH ELEVATION - SECTION CURTAIN WALL  
SCALE: 1/8" = 1'-0"

**B2** WEST ELEVATION - SECTION CURTAIN WALL  
SCALE: 1/8" = 1'-0"

**B5** SOUTH ELEVATION - CURTAIN WALL  
SCALE: 1/8" = 1'-0"

GENERAL NOTE: ALL DETAILS TAKEN FROM KAMBER 1000 CURTAIN WALL SYSTEM. ALL DETAILS NOT SHOWN SHALL BE TO EXISTING. METALS AS RECOMMENDED BY FABRICATOR.