

HISTORIC DISTRICT COMMISSION PROJECT REVIEW REQUEST

CITY OF DETROIT
PLANNING & DEVELOPMENT DEPARTMENT
2 WOODWARD AVENUE, ROOM 808, DETROIT, MI 48226

DATE: _____

PROPERTY INFORMATION

ADDRESS: _____ AKA: _____

HISTORIC DISTRICT: _____

SCOPE OF WORK: Windows/Doors Roof/Gutters/Chimney Porch/Deck Landscape/Fence/Tree/Park General Rehab
(Check ALL that apply) New Construction Demolition Addition Other: _____

APPLICANT IDENTIFICATION

Property Owner/Homeowner Contractor Tenant or Business Occupant Architect/Engineer/Consultant

NAME: _____ COMPANY NAME: _____

ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ MOBILE: _____ EMAIL: _____

PROJECT REVIEW REQUEST CHECKLIST

Please attach the following documentation to your request:

PLEASE KEEP FILE SIZE OF ENTIRE SUBMISSION UNDER 30MB

- Completed Building Permit Application** (highlighted portions only)
- ePLANS Permit Number** (only applicable if you've already applied for permits through ePLANS)
- Photographs** of ALL sides of existing building or site
- Detailed photographs** of location of proposed work (photographs to show existing condition(s), design, color, & material)
- Description of existing conditions** (including materials and design)
- Description of project** (if replacing any existing material(s), include an explanation as to why replacement--rather than repair--of existing and/or construction of new is required)
- Detailed scope of work** (formatted as bulleted list)
- Brochure/cut sheets** for proposed replacement material(s) and/or product(s), as applicable

NOTE:

Based on the scope of work, additional documentation may be required.

See www.detroitmi.gov/hdc for scope-specific requirements.

Upon receipt of this documentation, staff will review and inform you of the next steps toward obtaining your building permit from the Buildings, Safety Engineering and Environmental Department (BSEED) to perform the work.

SUBMIT COMPLETED REQUESTS TO HDC@DETROITMI.GOV

P2 - BUILDING PERMIT APPLICATION

Date: _____

PROPERTY INFORMATION

Address: _____ Floor: _____ Suite#: _____ Stories: _____
 AKA: _____ Lot(s): _____ Subdivision: _____
 Parcel ID#(s): _____ Total Acres: _____ Lot Width: _____ Lot Depth: _____
 Current Legal Use of Property: _____ Proposed Use: _____
 Are there any existing buildings or structures on this parcel? Yes No

PROJECT INFORMATION

Permit Type: New Alteration Addition Demolition Correct Violations
 Foundation Only Change of Use Temporary Use Other: _____
 Revision to Original Permit #: _____ (Original permit has been issued and is active)

Description of Work (Describe in detail proposed work and use of property, attach work list)

REMOVAL OF EXISTING NON LOAD-BEARING INTERIOR PARTITIONS, INTERIOR DOORS, BORROW LITES, ASSOCIATED FINISHES, AND ANY ENVIRONMENTAL HAZARDS; REPLACEMENT OF EXTERIOR DOORS, WINDOWS & ROOFING MEMBRANE; REMOVAL OF EXISTING AND INSTALLATION OF NEW BUILDING SYSTEMS INCLUDING HVAC, PLUMBING, AND ELECTRICAL; WHITE BOX OF BUILDING FOR FUTURE USE/REPLACEMENT OF BUILDING ELECTRICAL SERVICE, WATER AND SEWER TBD;

MBC use change No MBC use change

Included Improvements (Check all applicable; these trade areas require separate permit applications)

HVAC/Mechanical Electrical Plumbing Fire Sprinkler System Fire Alarm

Structure Type

New Building Existing Structure Tenant Space Garage/Accessory Building
 Other: _____ Size of Structure to be Demolished (LxWxH) _____ cubic ft.

Construction involves changes to the floor plan? Yes No

(e.g. interior demolition or construction to new walls)
ASSEMBLY A-3 (MBC 303.4) NO-CHANGE

III B (MBC 602.3)

Use Group: _____ Type of Construction (per current MI Bldg Code Table 601) _____

Estimated Cost of Construction \$ _____ By Contractor \$ _____ By Department

Structure Use

Residential-Number of Units: _____ Office-Gross Floor Area _____ Industrial-Gross Floor Area _____
 Commercial-Gross Floor Area: _____ Institutional-Gross Floor Area _____ Other-Gross Floor Area _____

Proposed No. of Employees: _____ List materials to be stored in the building: _____

PLOT PLAN SHALL BE submitted on separate sheets and shall show all easements and measurements (must be correct and in detail). SHOW ALL streets abutting lot, indicate front of lot, show all buildings, existing and proposed distances to lot lines. (Building Permit Application Continues on Next Page)

For Building Department Use Only

Intake By: _____ Date: _____ Fees Due: _____ DngBld? No

Permit Description: _____

Permit #:

Current Legal Land Use: _____ Proposed Use: _____

Permit#: _____ Date Permit Issued: _____ Permit Cost: \$ _____

Zoning District: _____ Zoning Grant(s): _____

Lots Combined? Yes No (attach zoning clearance)

Revised Cost (revised permit applications only) Old \$ _____ New \$ _____

Structural: _____ Date: _____ Notes: _____

Zoning: _____ Date: _____ Notes: _____

Other: _____ Date: _____ Notes: _____



IDENTIFICATION (All Fields Required)

Property Owner/Homeowner

Property Owner/Homeowner is Permit Applicant

Name: _____ Company Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Mobile: _____

Driver's License #: _____ Email: _____

Contractor

Contractor is Permit Applicant

Representative Name: _____ Company Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Mobile: _____ Email: _____

City of Detroit License #: _____

TENANT OR BUSINESS OCCUPANT

Tenant is Permit Applicant

Name: _____ Phone: _____ Email: _____

ARCHITECT/ENGINEER/CONSULTANT

Architect/Engineer/Consultant is Permit Applicant

Name: _____ State Registration#: _____ Expiration Date: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Mobile: _____ Email: _____

HOMEOWNER AFFIDAVIT (Only required for residential permits obtained by homeowner.)

I hereby certify that I am the legal owner and occupant of the subject property and the work described on this permit application shall be completed by me. I am familiar with the applicable codes and requirements of the City of Detroit and take full responsibility for all code compliance, fees and inspections related to the installation/work herein described. I shall neither hire nor sub-contract to any other person, firm or corporation any portion of the work covered by this building permit.

Print Name: _____ Signature: _____ Date: _____
(Homeowner)

Subscribed and sworn to before me this _____ day of _____ 20 ____ A.D. _____ County, Michigan

Signature: _____ My Commission Expires: _____
(Notary Public)

PERMIT APPLICANT SIGNATURE

I hereby certify that the information on this application is true and correct. I have reviewed all deed restrictions that may apply to this construction and am aware of my responsibility thereunder. I certify that the proposed work is authorized by the owner of the record and I have been authorized to make this application as the property owner(s) authorized agent. Further I agree to conform to all applicable laws and ordinances of jurisdiction. **I am aware that a permit will expire when no inspections are requested and conducted within 180 days of the date of issuance or the date of the previous inspection and that expired permits cannot be**

Print Name: _____ Signature: _____ Date: _____
(Permit Applicant)

Driver's License #: _____ Expiration: _____

Subscribed and sworn to before me this _____ day of _____ 20 ____ A.D. _____ County, Michigan

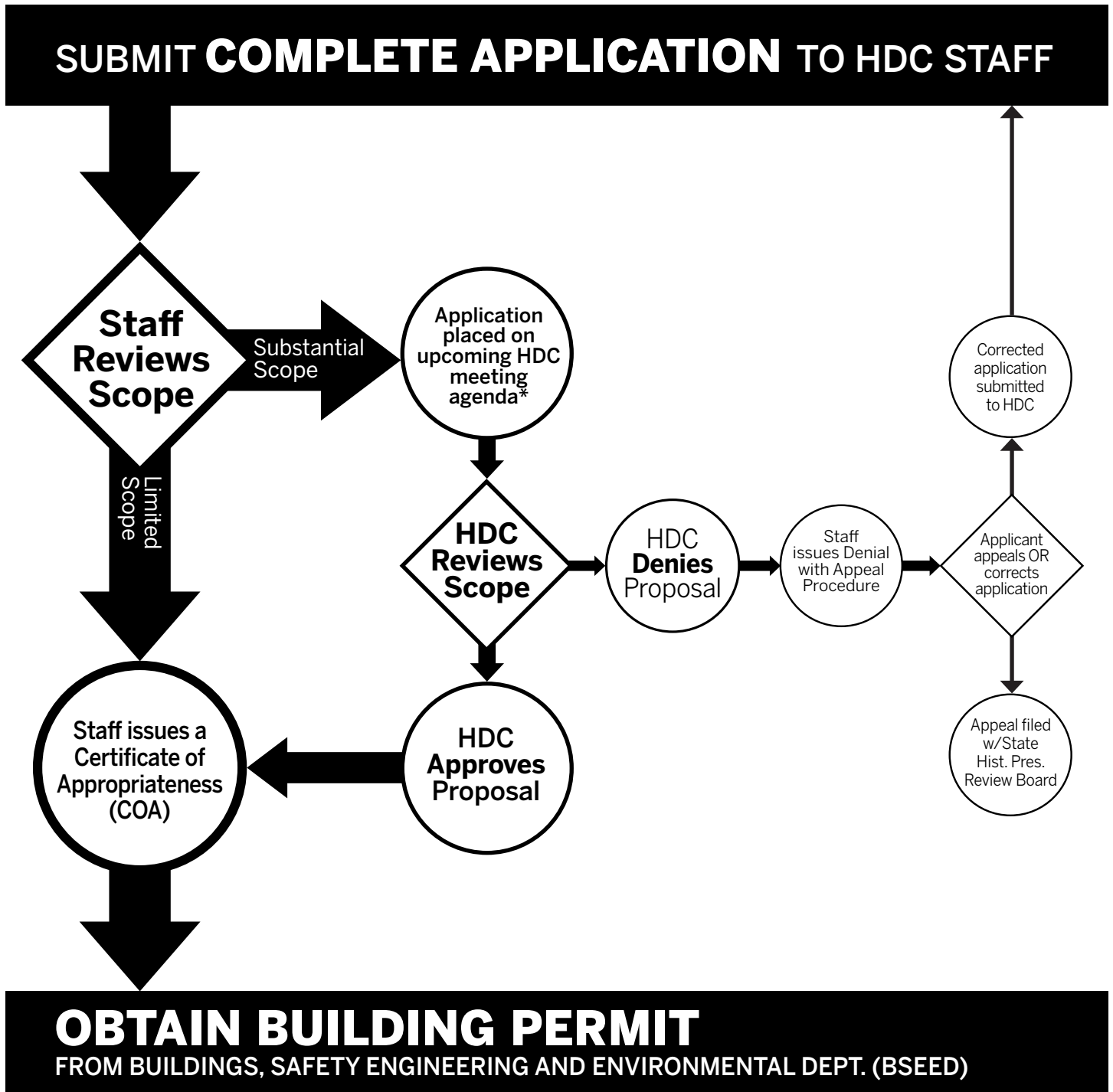
Signature: _____ My Commission Expires: _____
(Notary Public)

Section 23a of the state construction code act of 1972, 1972PA230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Visitors of Section 23a are subject to civil fines.

This application can also be completed online. Visit detroitmi.gov/bseed/elaps for more information.



HISTORIC DISTRICT COMMISSION REVIEW & PERMIT PROCESS



* THE COMMISSION MEETS REGULARLY AT LEAST ONCE PER MONTH, TYPICALLY ON THE SECOND WEDNESDAY OF THE MONTH. (SEE WEBSITE FOR MEETING SCHEDULE/AGENDAS)

FIND OUT MORE AT www.detroitmi.gov/hdc

Proposed Scope of Work

ePLANS Permit - BLD2020-01363

421 Watson St

(formerly known as the Starlight Temple of Truth)

HISTORICAL USE

Former church built circa 1945 (based on City of Detroit building permits). Little is known about the building, congregation and history.

CURRENT USE

The building has been vacant over a decade and has suffered from a complete lack of maintenance. The interior and exterior of the building have deteriorated creating an unsafe, uninhabitable space. Because of the neglect of prior owners, BSEED deemed the structure 'unsafe' and declared it a 'dangerous building,' ordering demolition on September 13, 2018. See attached Notice of Administrative Action. But for the proposed renovation, the building will be demolished.

EXTERIOR CONDITION AND PROPOSED REPAIRS

While the exterior has significantly deteriorated, the defining characteristics of the building will be preserved throughout the project, such as the arched window on the front of the building and the overall masonry profile of the exterior walls. The exterior will be cleaned using gentle methods to remove graffiti and organic material; maintaining the natural beauty of the masonry. The tuckpointing will be inspected and repointed (where necessary); a masonry sealant applied to prevent leaks and moisture intrusion.

The windows have all been broken and are currently boarded over. The windows on the east and west elevations will be enlarged vertically, saving the lintels to maintain the overall aesthetics of the structure. A door will be added on the north elevation, and the unsymmetrical windows will be filled in; using existing bricks from the building. Regarding the south elevation, the exterior door and entry way need to be replaced. Please see the picture below for the existing condition (south elevation) and a rendering of the proposed repairs (shown with Bid Alternates 2 and 3, described further below).



Existing Condition (South Elevation)



Rendering of Propose Repairs (South Elevation)

SCOPE OF WORK

The base project scope of work will include the following items:

1. Removal of existing non load-bearing interior partitions, interior doors, Borrow lites, associated finishes, and any environmental hazards (no HDC approval required);
2. Replacement of exterior doors, windows & roofing membrane;
3. Removal of existing and installation of new building systems including HVAC, plumbing, and electrical (no HDC approval required);
4. White box of building for future use (no HDC approval required);
5. Replacement of building electrical service, water and sewer tbd (no HDC approval required);

There are three alternate items that will be considered during the bidding process:

1. Expand the mezzanine and add additional interior lighting (no HDC approval required)
2. Raise the roof line approximately 2', adding metal trusses and clerestory, admitting natural light.
3. Add new windows to front of the building, and replace the staircase for the mezzanine

**“THE SECRETARY OF THE INTERIOR’S STANDARDS FOR REHABILITATION AND GUIDELINES FOR
REHABILITATING HISTORIC BUILDINGS”**

- 1) *A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.***

The former church possesses many elements that will make it ideal for a unique commercial/retail experience including high ceilings, clear span rooms, large windows, and the mezzanine space. Defining characteristics of the building will be preserved.

- 2) *The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.***

Restoring the character of the property is essential to achieve the desired outcome. Stark contrast between the historic elements and adaptations will be used to differentiate original from new.

- 3) *Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.***

Changes to the building are not intended to distract from the original structure but to serve the new function and to highlight the remaining historic features. New elements will be harmonious with the existing architecture but not appear faux historical (i.e. coach lights, doors, and hardware). Refer to material cut sheets.

- 4) *Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.***

There are no apparent changes of historic significance.

- 5) *Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved.***

The property has a very simple expression of materials with a running bond brick exterior and rowlock tie brick at every 10th course. Brick pilasters capped with stone are set at even intervals across all facades. The east and west facades have large rectilinear openings centered between the pilasters.

The most notable features are the stonework around the south mezzanine window and gable. The commemorative cornerstone no longer exists.

- 6) Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities, and where possible, materials. Replacement of a missing feature shall be substantiated by documentary, physical, or pictorial evidence.**

Existing masonry will be restored by using mild cleaners and soft-bristle brushes to remove staining and discoloration. Power washers will not be used on exterior surfaces. Deteriorated mortar joints will be repointed.

Metal railings will be restored by cleaning the surface to remove existing paint, rust, and metal burs with medium-bristle wire hand brushes and files, as needed. Railings will then be repainted.

Elements that have deteriorated beyond repair will be replaced with simulated historic materials (i.e. windows, gutters, & downspouts). Refer to material cut sheets.

Missing historic features will not be recreated as no supporting evidence is currently available.

- 7) Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.**

Refer to methods described in response number 6.

- 8) Significant archeological resources affected by a project shall be protected and preserved. If such resources must be disturbed, mitigation measures shall be undertaken.**

None exist based on available information.

- 9) New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.**

Refer to response numbers 2 and 3. Also, refer to photographs, proposed renderings, and proposed elevations.

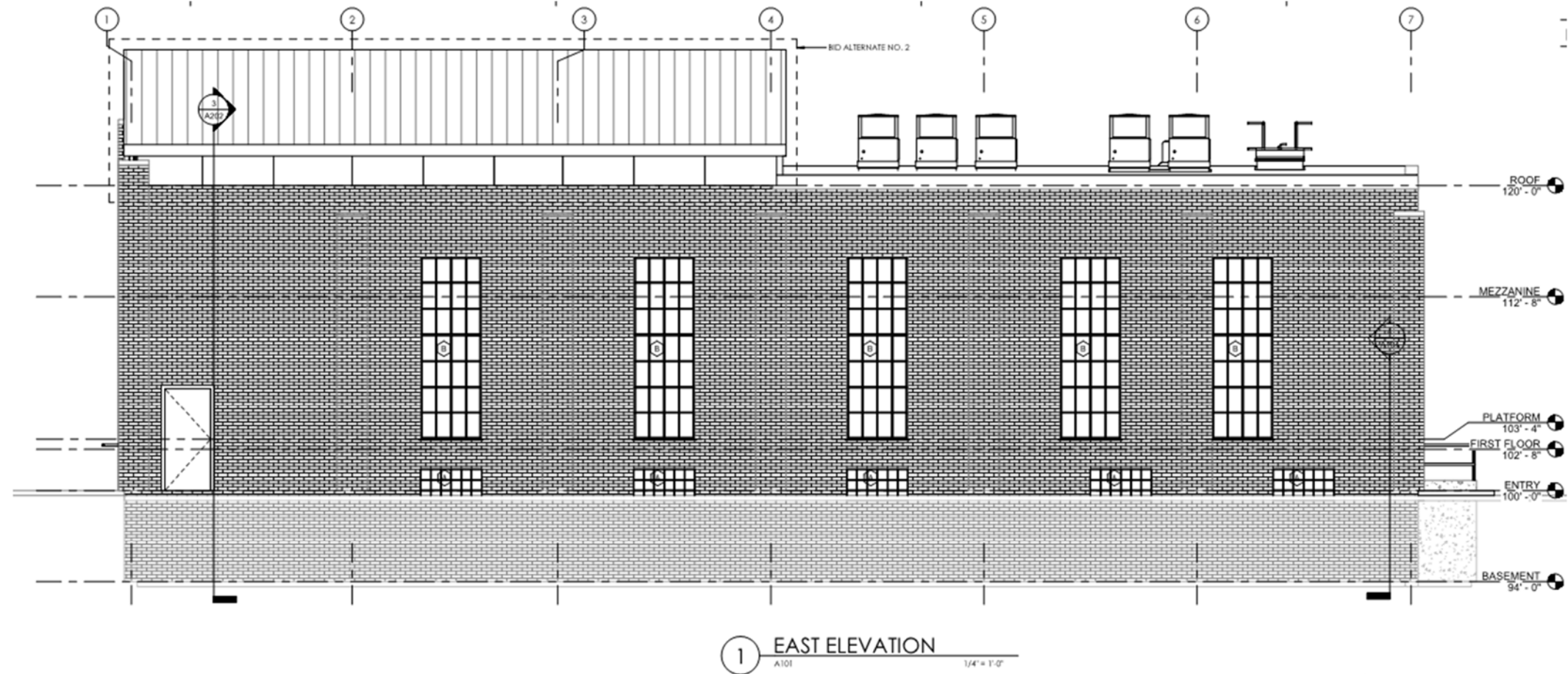
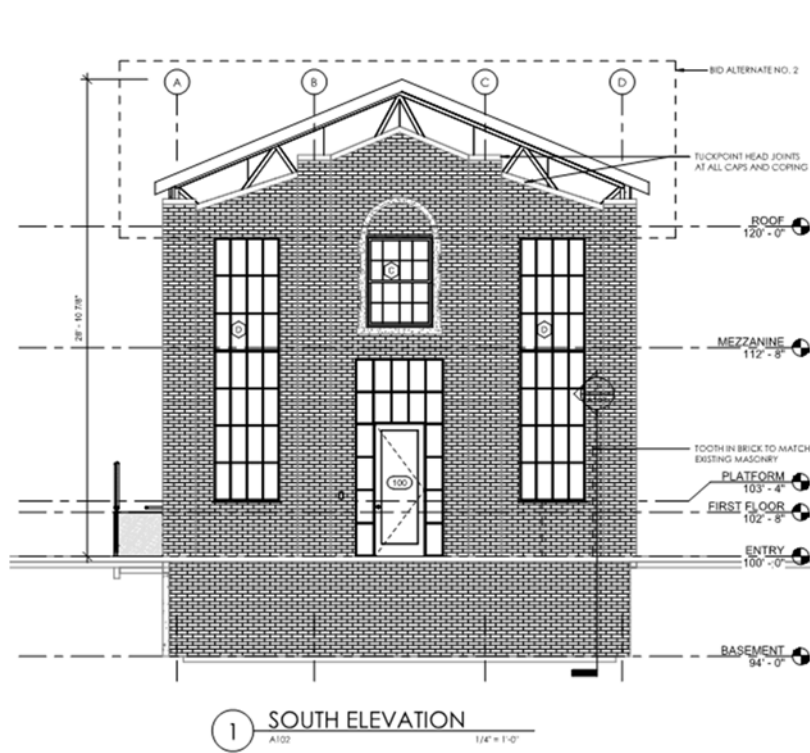
- 10) New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.**

The roof overbuild could be removed and brick openings restored without affecting the historic elements of the building.

EXISTING CONDITIONS



PROPOSED ELEVATIONS

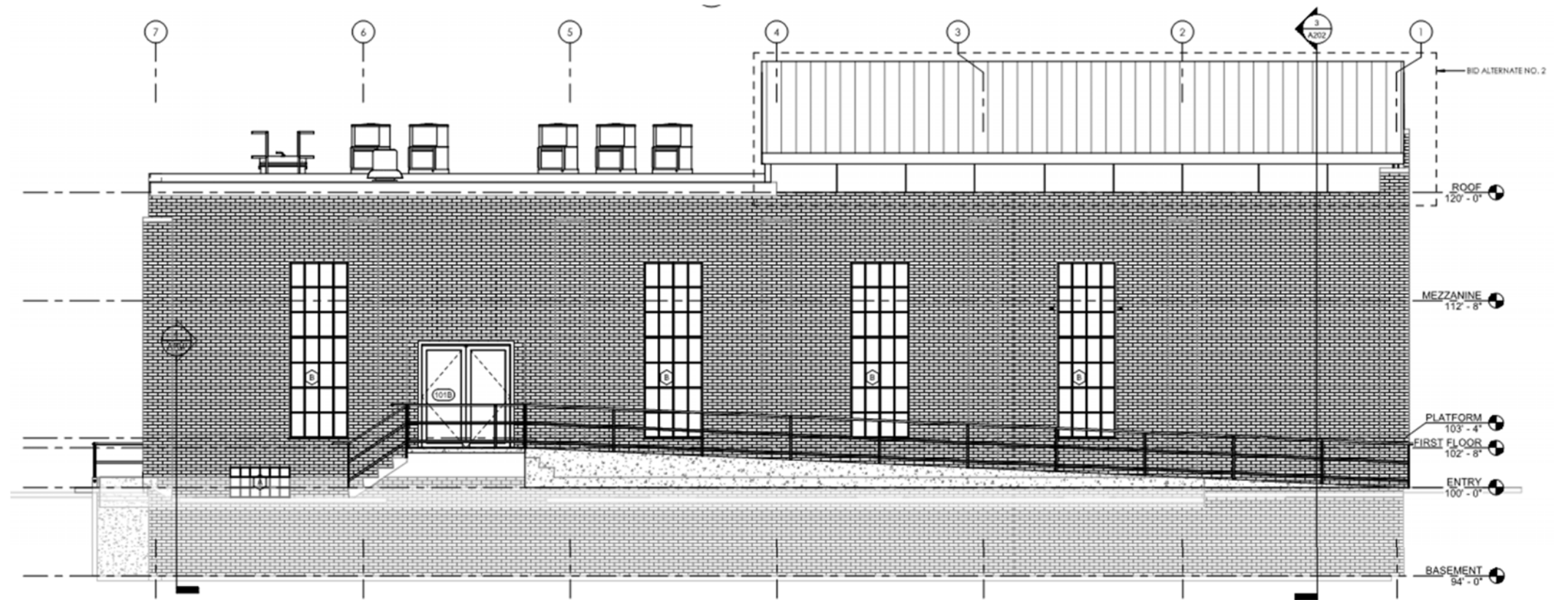
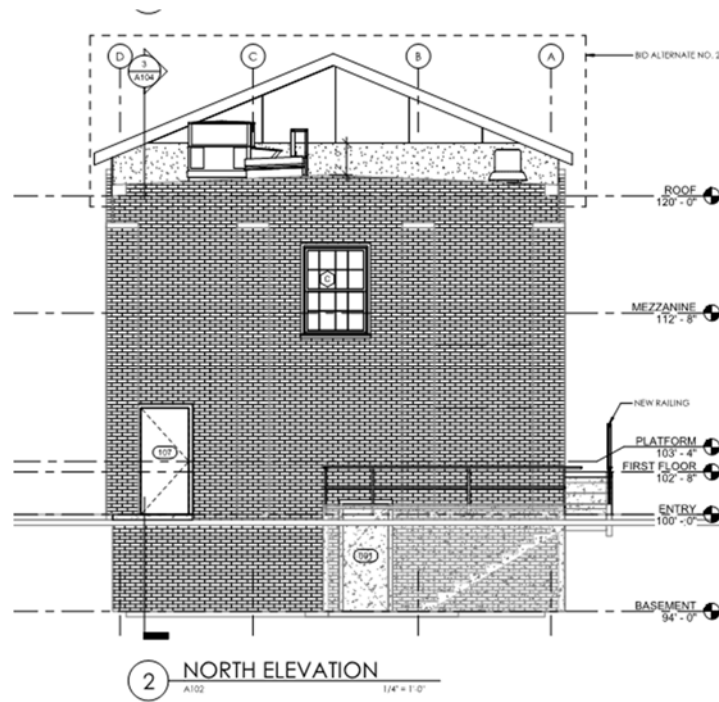


EXISTING CONDITIONS



NO PHOTO AVAILABLE

PROPOSED ELEVATIONS





NOTICE OF ADMINISTRATIVE ACTION
CITY OF DETROIT, MICHIGAN

- ORDERED DEMOLITION -

CITY OF DETROIT, *A Michigan Municipal Corporation*
By its Buildings, Safety Engineering and Environmental Department

VS

421 WATSON
Notice No.: DNG2012-02978

The City of Detroit, Buildings, Safety Engineering and Environmental Department inspected the premises and found violations of the Detroit Building Code to exist, which classifies the structure as a "DANGEROUS BUILDING". Notice is hereby given that the structure is deemed to be an unsafe structure and administrative proceedings have been concluded before the Detroit City Council, which authorized that the necessary steps be taken for the demolition of the dangerous and unsafe structure located upon the land hereinafter described, and the costs of demolition to be assessed against the property (Section 12-11-28 Ordinance 290-H and MCL 125.541). That the premises to be affected by said proceedings were at the time of commencement of said proceedings, and at the time of filing this notice, situated in the City of Detroit, County of Wayne, State of Michigan and are described in said proceeding as follows:

Lot 18, N WATSON 18MILLER & WILLCOX SUB L1 P86 PLATS, WCR 1/44 35 X90 of Plats Wayne County Records.

Commonly known as: 421 WATSON, City of Detroit, MI

Filed: September 13, 2018

Arthur Edge, UC
ARTHUR EDGE, SUPERVISOR

Refer any phone inquiries to the office of
Dangerous Building Division (313) 224-3215
Building Inspection Division

Buildings, Safety Engineering &
Environmental Department
4th Floor, Coleman A. Young Municipal Center
Detroit, Michigan 48226

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STATE OF MICHIGAN)

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COUNTY OF WAYNE)

The foregoing instrument was acknowledged before me on 9/13/2018 by
Arthur Edge, Supervising Building Inspector for the City of Detroit, Buildings, Safety Engineering &
Environmental Department.

DRAFTED BY AND RETURN TO:
ARTHUR EDGE
CITY OF DETROIT
BUILDINGS, SAFETY ENGINEERING
& ENVIRONMENTAL DEPARTMENT
2 WOODWARD, ROOM 418
DETROIT, MI 48226

Stephanie L. Clark
Print Name: Stephanie L. Clark Notary Public
Wayne County, Michigan

My commission expires: 2-25-2022

Acting in the County of: Wayne

STEPHANIE L. CLARK
NOTARY PUBLIC, STATE OF MI
COUNTY OF WAYNE
MY COMMISSION EXPIRES: 02/25/2022
ACTING IN COUNTY OF Wayne



QUAKER
COMMERCIAL WINDOWS AND DOORS



Historical
SERIES

H600 Series
AW-PG50/AW-PG80
3 1/4" Frame Depth
Picture Window (Fixed)

H600 SERIES PICTURE WINDOW (FIXED)

The Quaker Historical H600 Series Casement window is ideal for a variety of applications including - Historical, Landmarks, Institutions, Education, Apartments and Assisted Living.

FEATURES

- ◇ Commercial Framing System
 - 3 1/4" main frame
 - Sealable corner keys
 - Screw connections
 - 0.094" wall thickness of interior and exterior walls, 0.070" wall thickness elsewhere
- ◇ Enhanced Design
 - Azon pour and debridge thermal break is 1/2" wide in all main frame and vent rail extrusions
 - Clean squared edges
 - 1 7/16" narrow sitalines
- ◇ Glazing
 - 1" insulated glass

OPTIONS

- ◇ Available Configurations
 - Wire frame capabilities
- ◇ Muntin Choices
 - Internal or simulated divided lites available
- ◇ Nailing Fin
- ◇ Glazing
 - Capillary tubes
 - Argon gas
 - Wide variety of glazing, tinting and thickness options
- ◇ Panning & Trim Choices
 - Wide variety of panning, receptor and trim available
- ◇ Mulling
 - Wide variety of structural mulls

BENEFITS

- ◇ The capacity to match exterior colors for unique project facades
- ◇ The ability to facilitate large sizes for taller and wider window openings
- ◇ Historically accurate panning and trim styles to help your project meet Historic Preservation codes

PERFORMANCE

- ◇ Structural & Thermal (test reports or thermal simulations available upon request)

Model	Picture Window (Fixed)	
AAMA/WDMA/CSA 101/IS.2/A440-08 Rating	AW-PG50	AW-PG80
Structural Load P.S.F.	75.19	120.30
Air at 50 MPH (cfm/ft ²)	0.05	-
Water (No Penetration) P.S.F.	10.03	-
U-Value (with Low-E and Argon)	0.24-0.30	
SHGC (with Low-E and Argon)	0.16-0.37	
Window Test Size	60" x 99"	60" x 60"



Our products are tested to the standards of and certified by the American Architectural Manufacturer's Association, the National Fenestration Rating Council and the Window & Door Manufacturers Association.

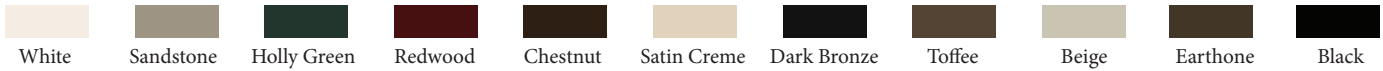


QUAKER
COMMERCIAL WINDOWS AND DOORS

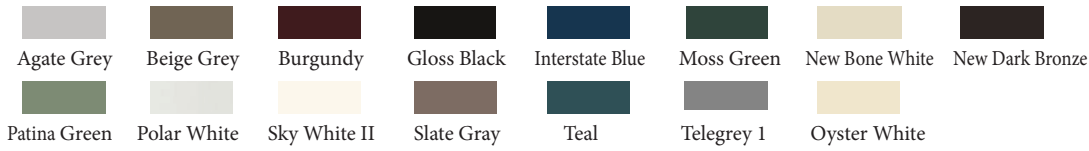
ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ Baked on powder coat finish meets ANSA/AAMA 2604 specs and is available in unlimited colors

- 11 Popular Colors



- 15 Impressive Colors



- 7 Resemble Colors (painted finish resembling anodized)



- Unlimited Custom Colors

◇ ANSA/AAMA 2605 powder coat finishes

◇ AAMA 611-98 Class I clear and tinted anodized finishes

* Printed colors shown here may not accurately depict actual painted colors. Color samples are available upon request.

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QUAKER
COMMERCIAL WINDOWS AND DOORS



QUAKER
COMMERCIAL WINDOWS AND DOORS

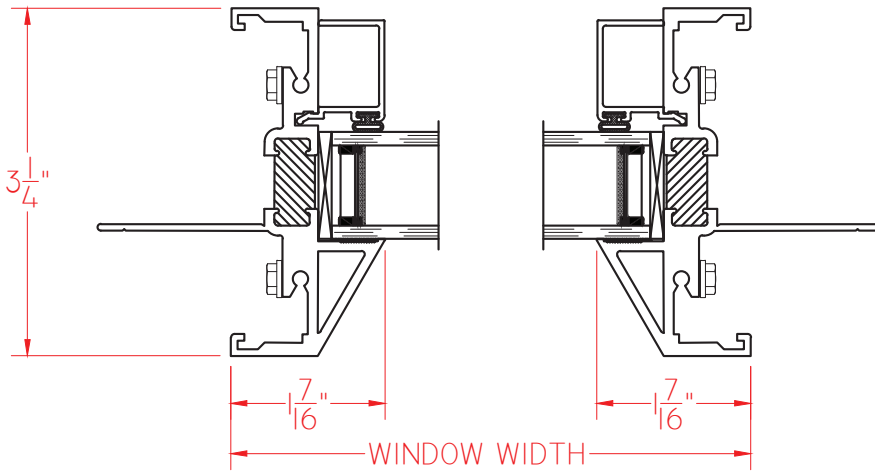


Historical
SERIES

H600 Series
AW-PG50/AW-PG80
3 1/4" Frame Depth
Picture Window (Fixed)

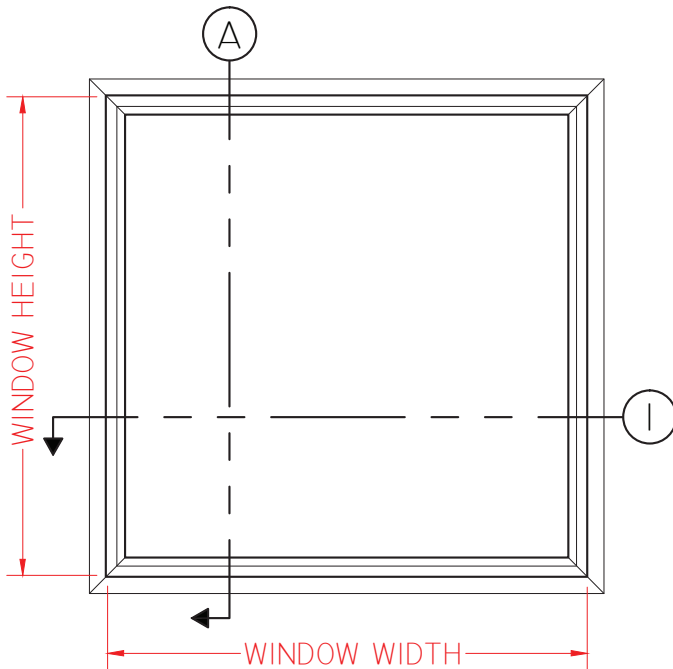
H600 PICTURE WINDOW WITH NAILING FIN

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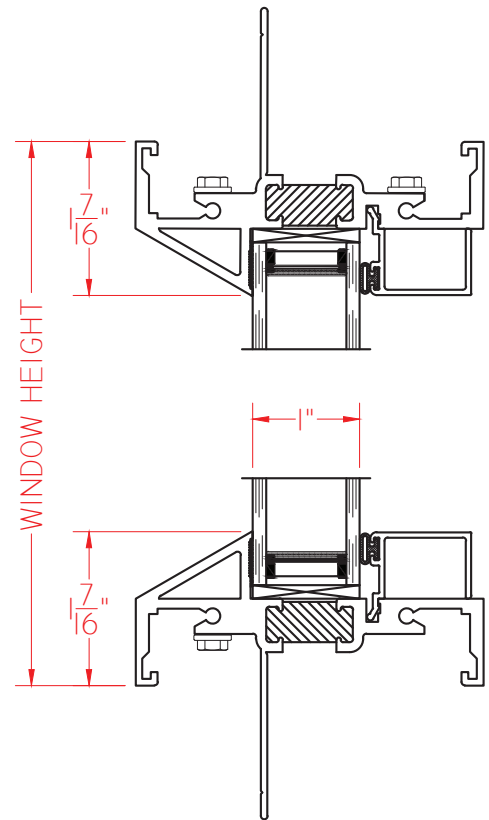


① HORIZONTAL
CROSS SECTION

Ⓐ VERTICAL
CROSS SECTION



ELEVATION SCALE 3/4" = 1'-0"



SCALE 1:3

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QUAKER
COMMERCIAL WINDOWS AND DOORS



QUAKER
COMMERCIAL WINDOWS AND DOORS

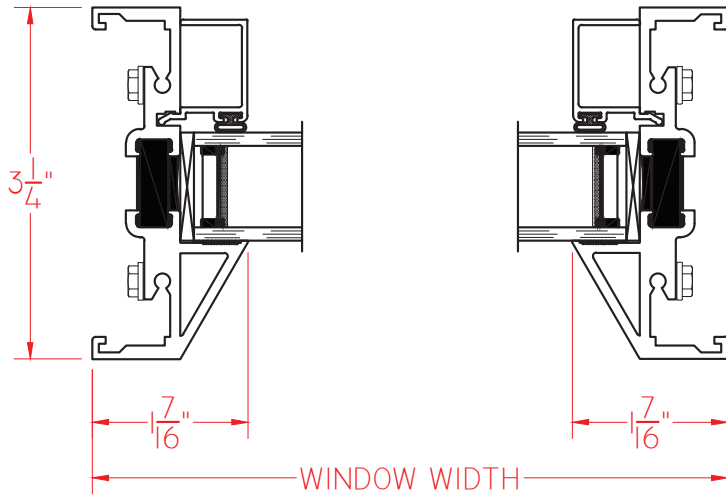


Historical
SERIES

**H600 Series
AW-PG50/AW-PG80
3 1/4" Frame Depth
Picture Window (Fixed)**

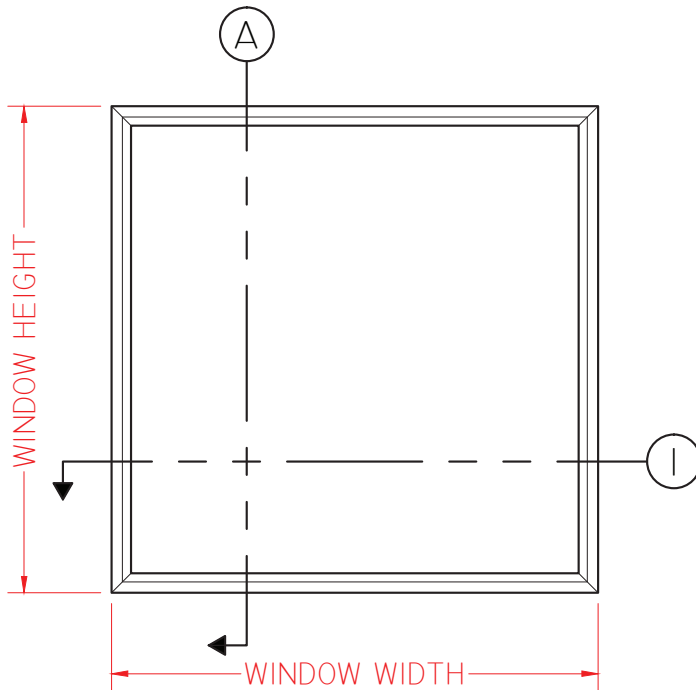
H600 PICTURE WINDOW WITHOUT NAILING FIN

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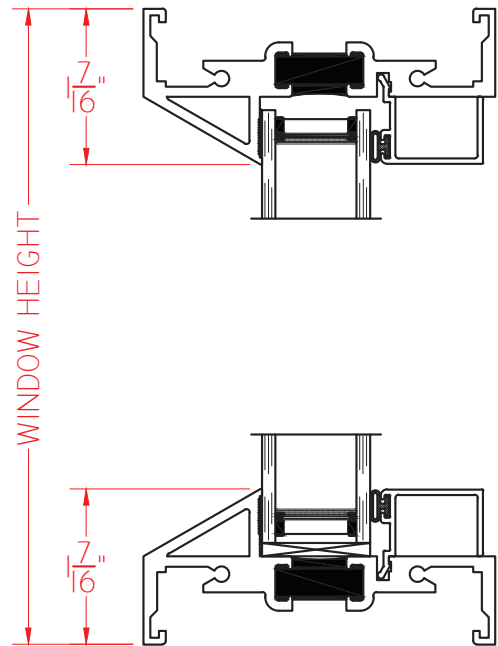
SCALE 1:2

① HORIZONTAL
CROSS SECTION



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Ⓐ VERTICAL
CROSS SECTION



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QUAKER
COMMERCIAL WINDOWS AND DOORS



QUAKER
COMMERCIAL WINDOWS AND DOORS

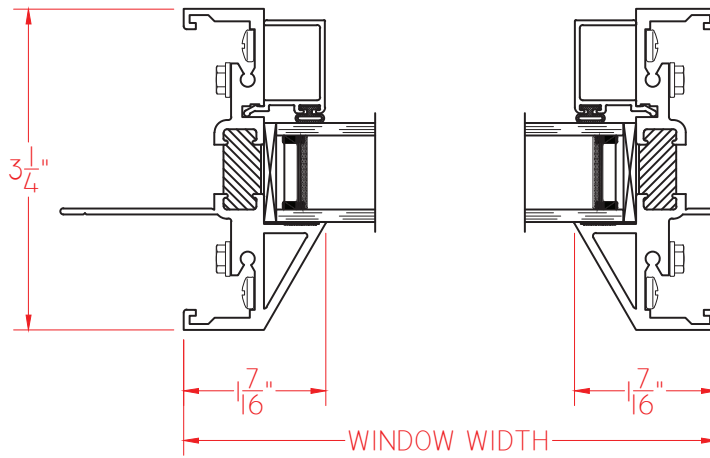


Historical
SERIES

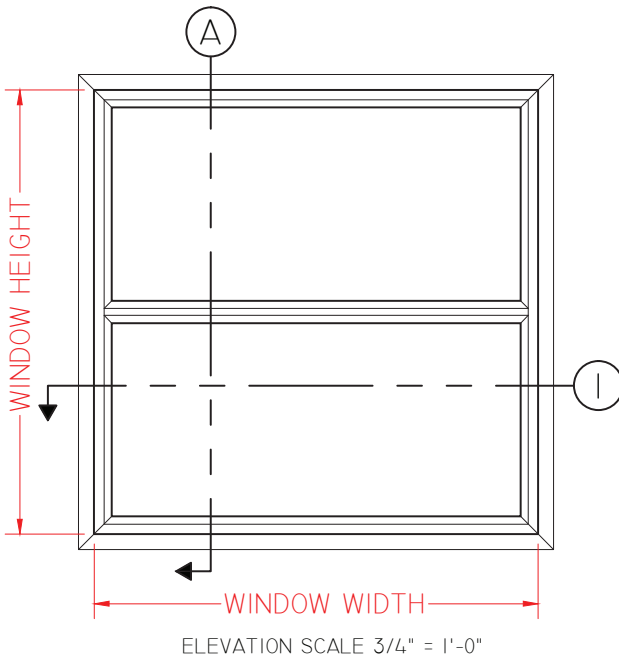
H600 Series
AW-PG50/AW-PG80
3 1/4" Frame Depth
Picture Window (Fixed)

H600 TDL PICTURE WINDOW WITH NAILING FIN

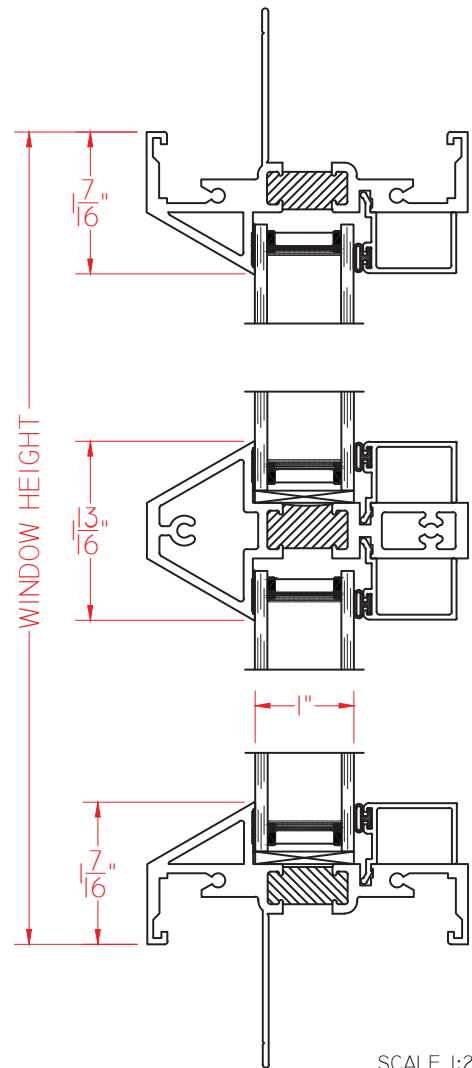
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① HORIZONTAL CROSS SECTION



Ⓐ VERTICAL CROSS SECTION



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QUAKER
COMMERCIAL WINDOWS AND DOORS



QUAKER
COMMERCIAL WINDOWS AND DOORS



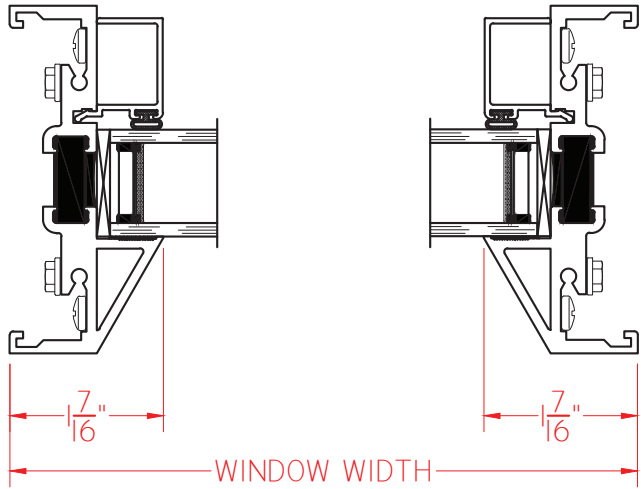
Historical
SERIES

H600 Series
AW-PG50/AW-PG80
3 1/4" Frame Depth
Picture Window (Fixed)

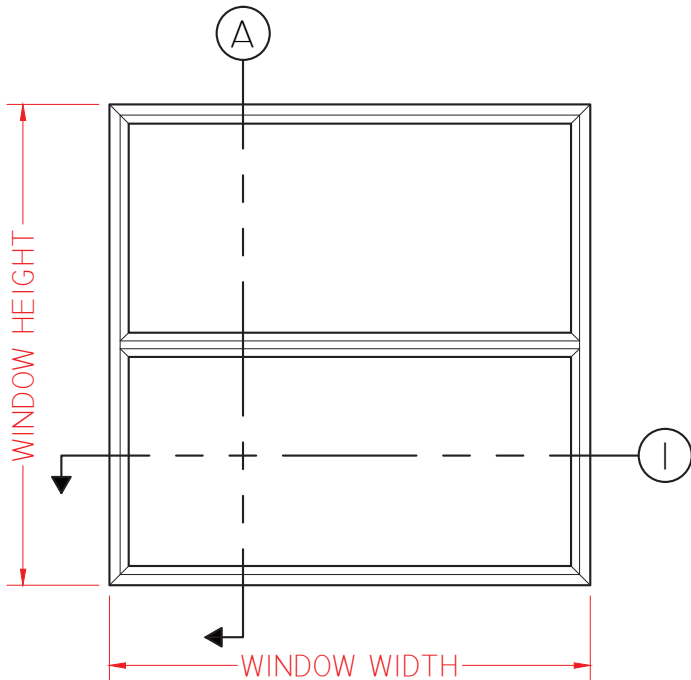
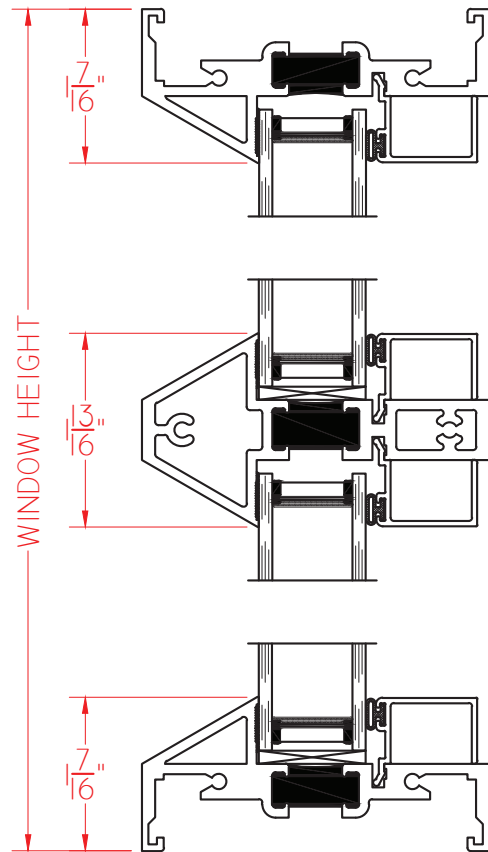
H600 TDL PICTURE WINDOW WITHOUT NAILING FIN

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SCALE 1:2



Ⓐ VERTICAL CROSS SECTION



ELEVATION SCALE 3/4" = 1'-0"

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QUAKER
COMMERCIAL WINDOWS AND DOORS

Example
Quaker H600 Series Installed





M600

AW-50

4 1/2" Frame Depth

Outswing Terrace Door w/Low-Profile Sill

M600 SERIES OUTSWING TERRACE DOOR WITH LOW-PROFILE SILL

The M600 Series Outswing Terrace door with Low-Profile sill is ideal for a variety of applications including - Multi-Family, Apartments and Assisted Living.

FEATURES

- ◇ Commercial Framing System
 - 4 1/2' main frame
 - Extruded wall thickness of 0.125" for all outside walls
 - Extruded wall thickness of 0.070" for all inside walls
 - 1/2" Low-profile sill (ADA)
- ◇ Thermally Enhanced Design
 - Heavy-duty corner keys internally sealed to eliminate sag
- ◇ Glazing
 - Glazing pocket can accommodate up from 1/4" single glaze to 1" insulated glass
- ◇ Hardware
 - Adjustable hinges
 - 2-way adjustable hinge (optional 3-way available)
 - 5-point locking system for added security
 - Stylish handle sets add modern touch
 - 10" bottom rail

OPTIONS

- ◇ Available Configurations
 - Single Panel or Double Panel
 - Inswing or Outswing
 - Matching transoms and sidelites
 - Standard or custom sizing
- ◇ Construction
 - Positioning fin
- ◇ Muntin Choices
 - Internal or simulated divided lites available
- ◇ Hardware
 - Surface mounted closure
- ◇ Glazing
 - Up to 1 3/8" thickness of I.G. available
 - Variety of Energy-Efficient glass packages
 - Impact Glazing
 - Sound attenuation glazing packages for STC/OITC
- ◇ Panning & Trim Choices
 - Structural mullions
 - Wide variety of panning, receptor and trim available

BENEFITS

- ◇ The capacity to match exterior colors for unique project facades

PERFORMANCE

- ◇ Structural & Thermal (test reports or thermal simulations available upon request)

Model	M600 Low-Profile Outswing Terrace Door	
	Single Panel	Dual Panel
AAMA/WDMA/CSA 101/I.S.2/A440-08 Rating	AW-50	
Structural Load P.S.F.	50.13	
Air at 50 MPH (cfm/ft ²)	0.04	
Water (No Penetration) P.S.F.	10.03	
U-Value (with standard glass pane thickness and various Low-E packages)	0.37-0.42	
SHGC (with standard glass pane thickness and various Low-E packages)	0.13-0.42	
Door test size	48" x 96"	

Our products are tested to the standards of and certified by the American Architectural Manufacturer's Association, the National Fenestration Rating Council and the Window & Door Manufacturers Association.

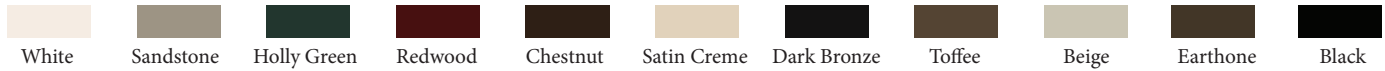


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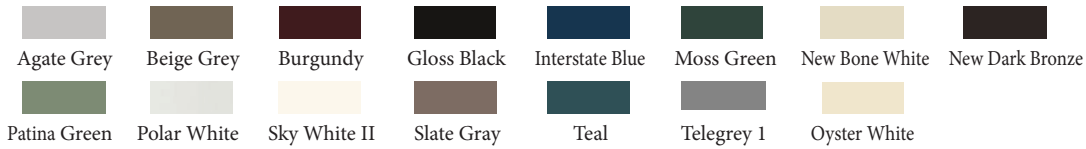
ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ Baked on powder coat finish meets ANSA/AAMA 2604 specs and is available in unlimited colors

- 11 Popular Colors



- 15 Impressive Colors



- 7 Resemble Colors (painted finish resembling anodized)



- Unlimited Custom Colors

* Printed colors shown here may not accurately depict actual painted colors. Color samples are available upon request.

◇ ANSA/AAMA 2605 powder coat finishes

◇ AAMA 611-98 Class I clear and tinted anodized finishes

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M600

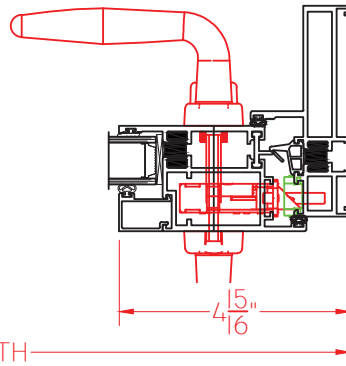
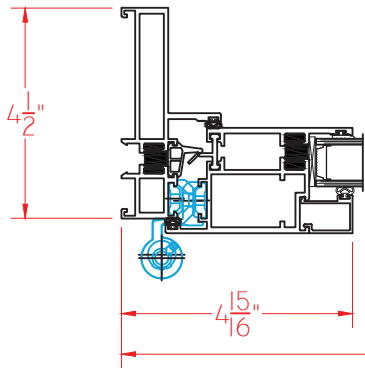
AW-50

4 1/2" Frame Depth

Low-Profile Outswing Terrace Door

M600 SERIES OUTSWING TERRACE DOOR WITH LOW-PROFILE SILL

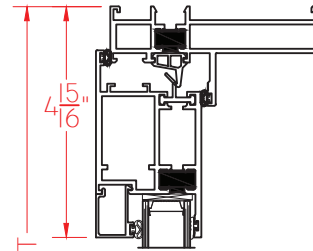
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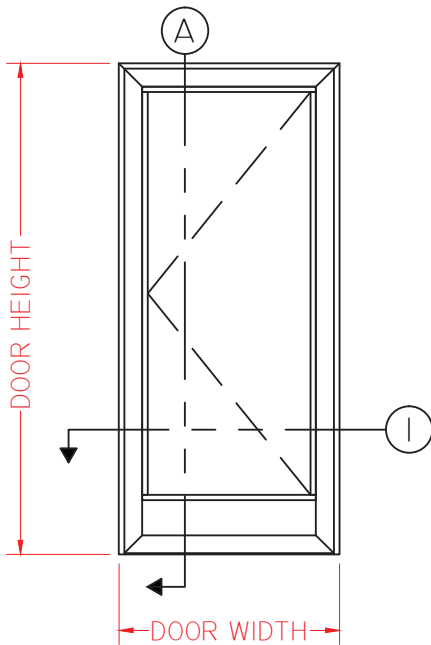
① HORIZONTAL CROSS SECTION

Ⓐ VERTICAL CROSS SECTION

DOOR WIDTH

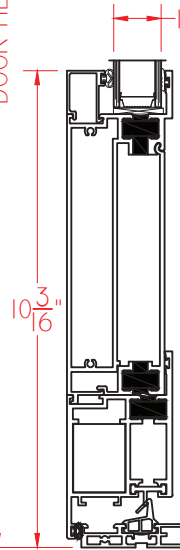


DOOR HEIGHT



DOOR HEIGHT

DOOR WIDTH



DOOR HEIGHT

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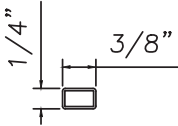


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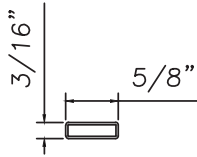
3/8" Internal (Alum.)

BL230X5/16
Black only



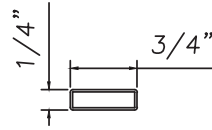
5/8" Internal (Alum.)

M3-16X5/8



3/4" Internal (Alum.)

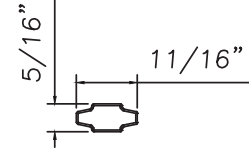
M36-04



3/4" Internal (Alum.)

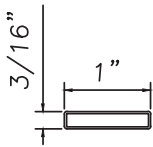
Contoured

M5.5X18



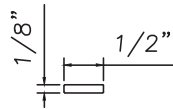
1" Internal (Alum.)

227688



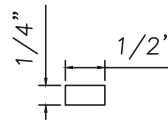
1/2" Flat Applied (Alum.)

M165



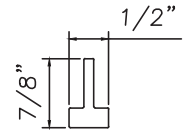
1/2" Flat Applied (Alum.)

MW21073



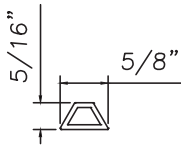
1/2" T Muntin

M3001



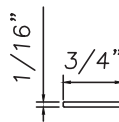
5/8" Raised Applied (Alum.)

M16154



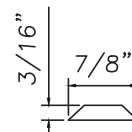
3/4" Flat Applied (Alum.)

MAY5950



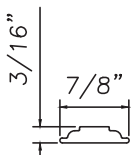
7/8" Raised Applied (Alum.)

M16861



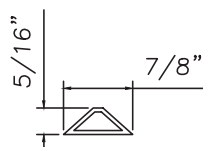
7/8" Raised Applied (Alum.)

CE-13993



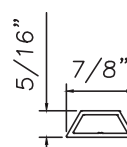
7/8" Raised Applied (Alum.)

M19895



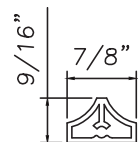
7/8" Raised Applied (Alum.)

M538352



7/8" Raised Muntin

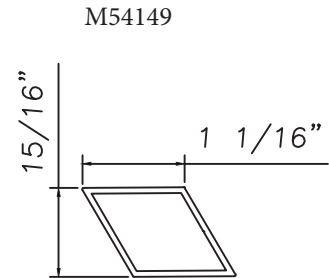
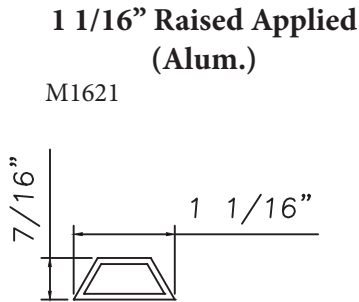
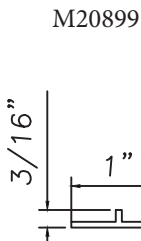
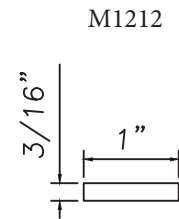
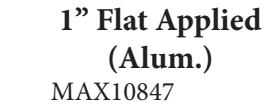
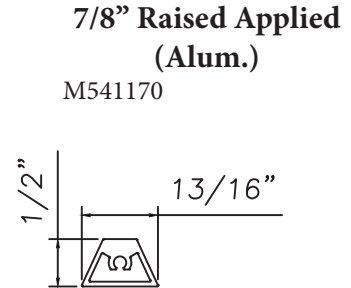
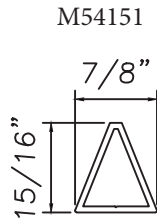
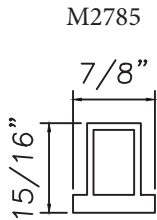
M1934



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WEDGE1 LED

Architectural Wall Sconce



Catalog Number

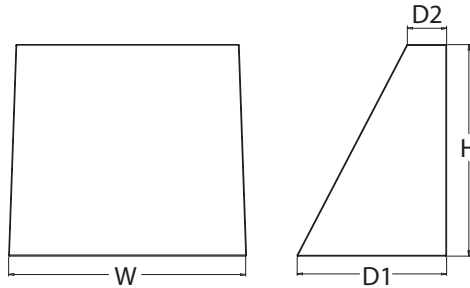
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1): 5.5"
Depth (D2): 1.5"
Height: 8"
Width: 9"
Weight: 9 lbs
 (without options)



Introduction

The WEDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WEDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WEDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

WEDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WEDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WEDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
WEDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WEDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WEDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WEDGE1 LED	P1 P2	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K ¹ 5000K	80CRI 90CRI	VF Visual comfort forward throw VW Visual comfort wide	MVOLT 347 ²	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁵ Shipped separately AWS 3/8inch Architectural wall spacer BBW Surface-mounted back box PBBW Premium surface-mounted back box (top, left, right conduit entry)

Options	Finish
E4WH ³ Emergency battery backup, CEC compliant (4W, 0°C min)	DDBXD Dark bronze
PE ⁴ Photocell, Button Type	DBLXD Black
DS Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	DNAXD Natural aluminum
DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DWHXD White
BCE Bottom conduit entry for premium back box (PBBW). Total of 4 entry points.	DSSXD Sandstone
	DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WEDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE1PBBW DDBXD U	WEDGE1 Premium surface-mounted back box (specify finish)
WSBBW DDBXD U	Surface - mounted back box (specify finish)

NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS or PE.
- E4WH not available with PE or DS.
- PE not available with DS.
- Not qualified for DLC. Not available with E4WH.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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WEDGE1 LED
 Rev. 04/15/20

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	10W	VF	1,120	112	0	0	0	1,161	116	0	0	0	1,194	119	0	0	0	1,227	123	0	0	0	1,235	123	0	0	0
		VW	1,122	112	0	0	0	1,163	116	0	0	0	1,196	120	0	0	0	1,229	123	0	0	0	1,237	124	0	0	0
P2	15W	VF	1,806	120	1	0	0	1,872	125	1	0	0	1,925	128	1	0	0	1,978	132	1	0	0	1,992	133	1	0	0
		VW	1,809	120	1	0	0	1,876	125	1	0	0	1,929	128	1	0	0	1,982	132	1	0	0	1,996	133	1	0	0

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	10W	0.082	0.049	0.043	0.038	--
	13W	--	--	--	--	0.046
P2	15W	0.132	0.081	0.072	0.064	--
	18W	--	--	--	--	0.056

Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C / 32°F	1.03
10°C / 50°F	1.02
20°C / 68°F	1.01
25°C / 77°F	1.00
30°C / 86°F	0.99
40°C / 104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

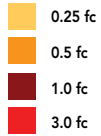
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91

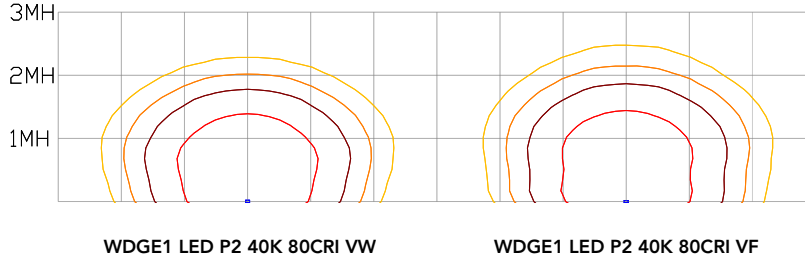
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND



MH = 8ft
Grid = 8ft x 8ft



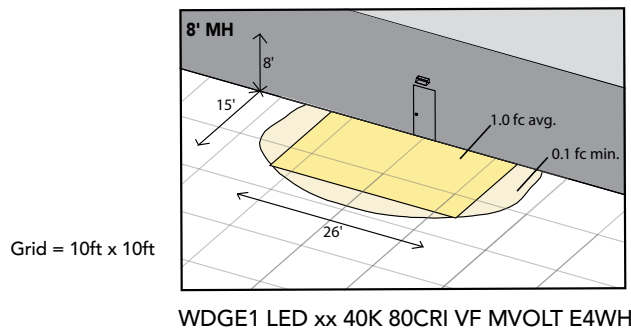
Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

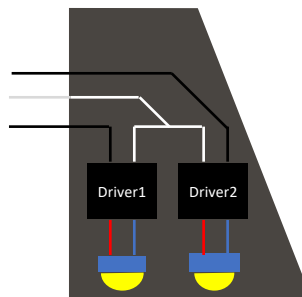
The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.



Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





E4WH – 4W Emergency Battery Backup

D = 5.5"

H = 8"

W = 9"

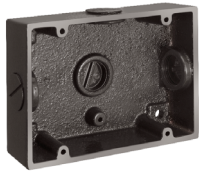


PBBW – Premium Back Box

D = 1.75"

H = 8"

W = 9"



BBW – Standard Back Box

D = 1.5"

H = 4"

W = 5.5"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficiency LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

UNA-CLAD™ Metal Roofing Systems

VERSATILE • SUSTAINABLE • BEAUTIFUL



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BUILDING PRODUCTS
NOBODY COVERS YOU BETTER.™

UNA-CLAD™ METAL ROOFING SYSTEMS

Since the introduction of UNA-CLAD Metal Roofing Systems more than 30 years ago, they have become one of the leading architectural metal roofing products in the construction industry. Firestone Building Products systems are recognized the world over for their outstanding construction and innovative design.

UNA-CLAD offers a variety of sustainable, reliable and environmentally-friendly roofing system options.

UNA-CLAD allows for maximum design freedom with a wide range of materials, widths and finishes.

To further protect your investment, install the roofing system over our innovative new CLAD-GARD™ roofing underlayment. This easy-to-handle skid-resistant material is the ideal moisture barrier to protect your roofing investment from corrosion and other environmental concerns.

And once your roof is installed, the unparalleled Red Shield® Warranty assures that your roof will provide outstanding performance for decades to come.

Thank you for your interest in Firestone Building Products UNA-CLAD roofing systems. For detailed information about anything covered in this brochure, please contact your local Firestone Representative or visit

www.firestonebpc.com.



UNA-CLAD™ METAL ROOFING SYSTEMS OVERVIEW



RED SHIELD® WARRANTY SYSTEMS

Durable metal roofing systems that allow maximum versatility with the extra assurance of the Firestone Red Shield Warranty—the strongest protection available today.

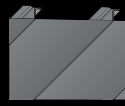
- UC-3 • UC-4 • UC-6 • UC-14



ARCHITECTURAL SYSTEMS

Allow maximum design freedom to create roofs with distinct lines, radii and features while providing outstanding wind-load performance and aesthetics.

- UC-7



SOFFIT SYSTEMS

Superior versatility, security and weatherability in systems that allow great installation flexibility, including either vertical or horizontal applications.

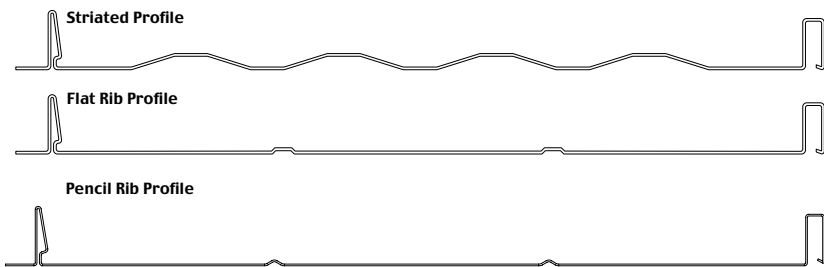
- UC-500 • UC-501 • UC-750



PROFILED PANEL SYSTEMS

Strong, economical and low profile panels designed for a variety of Profiled Panel Systems, environments and applications.

- UR-PRO OMEGA • 5V-CRIMP
- HR-ULTRA OMEGA • UC-600
- VR-CLASSIC OMEGA • UC-601



ROOFING PANEL PROFILES

To help prevent distortion (called “oil-canning”) that can occur on metal roofs, Firestone Building Products offers a variety of stiffening rib profile options. Striations, Flat Ribs and Pencil Ribs are subtly raised sections that run parallel to panel seams and add rigidity and visual interest. Not all profiles are available on all panels, please see each product description for details.



FIRESTONE RED SHIELD WARRANTY

When we say “Nobody Covers You Better” we mean it. Red Shield Warranties provide industry-leading coverages from 5 to 20 years for most roofing systems, and can even be transferred from owner to owner. No competitor can match our 100 year+ heritage of innovation and customer support. When you have a Firestone roof and Red Shield Warranty over your head, you can be confident of outstanding roofing performance for decades to come.*

* Subject to certain terms and conditions. 25 year warranty coverage may be available with the UC-4 system.

RED SHIELD™ WARRANTY SYSTEMS

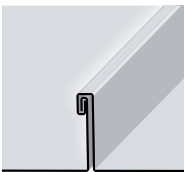
RED SHIELD STANDING SEAM ROOFING SYSTEMS COMPRISE A SYSTEM OF INTERLOCKING METAL PANELS THAT GENERALLY RUN VERTICALLY FROM THE ROOF RIDGE TO THE EAVES. THE SEAM WHERE THE TWO PANELS JOIN TOGETHER IS RAISED ABOVE THE SURFACE OF THE PANEL, THEREBY GIVING THE PRODUCT ITS NAME.

THESE METAL ROOFS FREELY EXPAND AND CONTRACT WITH THE WEATHER WITHOUT DAMAGE TO THE SUBSTRATE, PROVIDE EXCEPTIONAL RAIN AND SNOW RUNOFF, PERFORM WELL IN HIGH-WIND ENVIRONMENTS, MINIMIZE OIL-CANNING AND PROVIDE GREAT DESIGN VERSATILITY.



FIRESTONE UNA-CLAD™ RED SHIELD SERIES

Building on proven standing seam technology, Firestone developed the **UNA-CLAD Red Shield Series** to provide designers, architects and building owners with a wide selection of beautiful, durable and functional metal roofs. The Red Shield Series is available in a variety of colors, materials, widths, textures, profiles and seam designs.



UNA-CLAD UC-3

This double-lock standing seam system uses mechanical sealing for a durable, virtually leak proof seal. UC-3 roofs create a traditional look, and allow specified radius profiles to enhance the architect's design.

Standard UC-3 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc.

Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.



UNA-CLAD UC-4

The patented seam design snap locks securely and fastens to a solid substrate without the use of clips. This provides superior leak resistance and can reduce labor by up to 30%.

Standard UC-4 materials are painted steel; painted and anodized aluminum and architectural grade sheet copper. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

PROTECT YOUR INVESTMENT



Red Shield
Warranty
Protection

UNA-CLAD UC-6

The double-lock standing seam system utilizes proven Pittsburg Locking in conjunction with a floating concealed-clip assembly. This design allows for free expansion and contraction, and outstanding wind uplift resistance.

Standard UC-6 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.

UNA-CLAD UC-14

The concealed-clip snap-lock seam system eliminates the need for mechanical seaming or separate battens, accommodating very long panels while maintaining free expansion and contraction capability.

Standard UC-14 materials are painted steel; painted and anodized aluminum and architectural grade sheet copper. Available with embossing, striations and ribs (flat and pencil) to minimize oil-canning.



A R C H I T E C T U R A L

BATTENS ARE DISTINCTIVE ARCHITECTURAL FEATURES. PANEL SYSTEMS WITH BATTENS OR CAPS ALLOW FOR THE PANELS TO BE INSTALLED IN NON-SEQUENTIAL ORDER, THUS ACCOMMODATING COMPLEX ROOF DESIGNS. THESE PANELS CAN BE COUNTED ON TO ALLOW FREE EXPANSION AND CONTRACTION IN CHANGING WEATHER CONDITIONS, AS WELL AS PROVIDE EXCEPTIONAL RAIN/ SNOW RUNOFF AND GOOD WIND UPLIFT PERFORMANCE.

THESE PANELS AND BATTENS ARE ROLL-FORMED AND PROCESSED WITH STATE-OF-THE-ART TECHNOLOGY TO ENSURE UNPARALLELED QUALITY AND SERVICE FROM COIL TO FINISHED PRODUCT.

FIRESTONE UNA-CLAD™ ARCHITECTURAL SERIES

Firestone developed the **UNA-CLAD Architectural Series** to allow designers, architects and building owners to utilize the unique profile a batten roof delivers. In addition to their beautiful appearance, these metal roofing systems are reliable and durable. The Architectural Series is available in a variety of colors, batten widths, materials and panel widths.



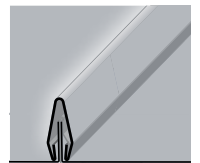
M E T A L R O O F I N G



UC-7 SNAP-ON ARCHITECTURAL SERIES

This concealed clip fastening system is capped with a narrow, low-profile snap-on batten that provides a thin-line appearance while providing the designer freedom to specify radius or high profile features. UC-7 delivers good thermal movement.

Standard UC-7 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and ribs (flat and pencil) to minimize oil-canning.



SOFFITS SERVE MANY PURPOSES IN COMMERCIAL ARCHITECTURE, INCLUDING WEATHER-SHELTERING OVERHANGS, BUILDING VENTILATION PORTS, CONVENIENT CONCEALMENT SECTIONS FOR HVAC OR ELECTRICAL SYSTEMS AND OTHER APPLICATIONS. THE RIGHT SOFFIT AND FASCIA TREATMENT CAN PROVIDE A FINISHED LOOK TO THE STRUCTURE, AS WELL AS AID WATER RUNOFF, BUILDING VENTILATION AND COOLING.

METAL SOFFIT SYSTEMS PROVIDE A STRONG, DURABLE AND RELIABLE MATERIAL THAT ENHANCES THE LONGEVITY OF THE SOFFIT AND CREATES AN AESTHETICALLY-PLEASING APPEARANCE.

FIRESTONE UNA-CLAD™ METAL SOFFIT SYSTEMS

Designers, architects and building owners can create a comprehensive, finished look to their buildings with Firestone **UNA-CLAD Metal Soffit Systems**. The wide selection of metal soffit and fascia products allows for an uninterrupted and consistent appearance. The Metal Soffit Systems are available in a variety of colors, materials, widths, textures, profiles and seam designs to visually integrate with Firestone metal roofing products.

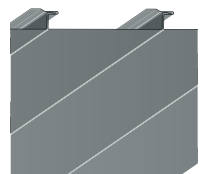




UC-500 FLUSH PANEL

This interlocking, concealed fastening metal panel system is engineered for both soffit and fascia applications. UC-500 delivers a flat or flush look that provides a neat, finished appearance.

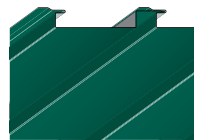
Standard UC-500 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and pencil ribs to minimize oil-canning. Venting available for soffit applications.



UC-501 REVEAL FLUSH PANEL

Similar in characteristics to UC-500, the Reveal Flush Panel system creates a flat appearance with a bold channels (reveals) that provide visual interest to the soffit.

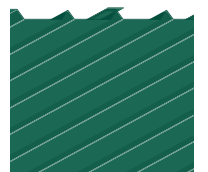
Standard UC-501 materials are painted steel; painted and anodized aluminum; architectural grade sheet copper and zinc. Available in heavier gauges, narrower widths, embossing and pencil ribs to minimize oil-canning. Venting available for soffit applications.



UC-750 V-GROOVE SOFFIT PANEL

This interlocking architectural aluminum panel is engineered specifically for soffit applications. UC-750 utilizes a concealed fastening system with interlocking leg. Subtle V-grooves run the length of the panel providing a clean, traditional appearance.

Standard UC-750 material is painted and anodized aluminum. Full- or half-vent options available.



FOR CENTURIES, LARGE STRUCTURES SUCH AS CATHEDRALS HAVE RELIED ON THE INHERENT DURABILITY OF METAL ROOFING. IN MODERN USAGE, CORRUGATED METAL ROOFING PANELS HAVE TWICE THE AVERAGE LIFESPAN OF ASPHALT ROOFING, AND PROVIDE EXCEPTIONAL RAIN AND SNOW SHEDDING ABILITIES.

DESIRABLE BECAUSE OF THEIR DESIGN VERSATILITY, LOW MAINTENANCE REQUIREMENTS AND HIGH STRENGTH-TO-WEIGHT RATIO, ARCHITECTS, DESIGNERS AND BUILDING OWNERS ARE TURNING TO METAL ROOFS FOR NEW CONSTRUCTION AND RENOVATION.

FIRESTONE UNA-CLAD™ PROFILED PANEL SERIES

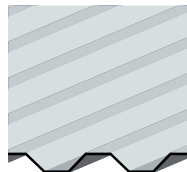
To answer the need for a durable and economical metal roofing solution, Firestone created the **UNA-CLAD Profiled Panel Series**. Commercial-grade metal roof and wall panels provide a traditional metal panel appearance with bold recurring or successive ribs. Architects, designers and building owners can choose from a variety of materials and rib patterns to best accentuate their structure.



UR-Pro



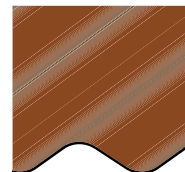
HR-Ultra



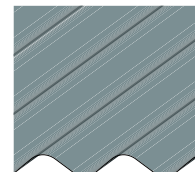
VR-Classic



5-V-Crimp



UC-600



UC-601



OMEGA SERIES UR-PRO OMEGA, HR-ULTRA OMEGA, VR-CLASSIC OMEGA

The Omega Series is factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with bold ribs for an appealing accent to any architectural design. Can be installed in non-sequential patterns. Each Omega Series product has identical physical characteristics but with a unique rib pattern to provide greater design versatility.

Standard Omega Series materials are painted steel; painted aluminum and architectural grade sheet copper. Omega Series panels are suitable for wall cladding.

5-V-CRIMP PROFILED PANELS

Like Omega Series panels, 5-V-Crimp panels are factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with V-shaped ribs to add a unique “old world” styling to your roof profile.

Standard 5-V-Crimp materials are painted steel; painted aluminum and architectural grade sheet copper. 5-V-Crimp panels are suitable for wall cladding.

UC-600 & UC-601 CORRUGATED PANELS

Like Omega Series panels, UC-600 and UC-601 panels are factory-formed corrugated metal roofing with exposed mechanical fasteners. Panels have overlapping seams with gently undulating striations to give you the option of a softer roof profile.

Standard UC-600 materials are painted steel; painted aluminum; architectural grade sheet copper and zinc. Standard UC-601 materials are painted steel and zinc. UC-600/UC-601 panels are suitable for wall cladding.

CLAD-GARD™ ROOFING UNDERLAYMENT

CLAD-GARD Roofing Underlayment is easy to install and provides the ideal moisture barrier between the roof deck and the adjacent metal roofing system. It features a skid-resistant surface; is watertight around fasteners such as nails or other anchors; offers great high-temperature resistance; and is unaffected by water so it can be left exposed for up to 3 months before applying the metal roofing system.



CLAD-GARD SA Underlayment

Self-adhered underlayment for quick, simple installation.

- Premium non-reinforced product that minimizes wrinkling
- Available in a convenient 2-square roll 3' x 67' (.09 m x 20 m)
- Heavy-duty adhesive is protected by a split-release plastic liner, which is easily removed for quick installation and placement of the underlayment
- Two available formulations: CLAD-GARD SA-S (heat resistant up to 250°F [121°C]) and CLAD-GARD SA-N (heat resistant up to 230°F [110°C])

CLAD-GARD R Underlayment

Self-adhered underlayment at an economical price.

- Split-release backer for easy installation
- Comes unboxed which means less waste on the jobsite.
- Available in a 2-square roll (3' x 66.7') (.09 m x 20 m).
- Can be applied directly to Firestone HailGard® Composite, OSB and plywood substrates.
- Eligible for up to a 20-year Red Shield® Warranty

CLAD-GARD MA Underlayment

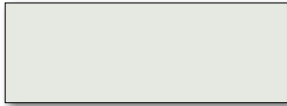
Mechanically-attached choice for reliable results.

- Available in 10-square rolls that are 4' (1.2 m) wide for more square feet per roll and fewer seams
- Lighter than roofing felt at only 31 lb (14 kg) per roll
- Lays flat and stays wrinkle-free, meaning fewer nails are needed to fasten compared to felt underlayment
- Heat resistant up to 230°F (110°C) without degradation of the material
- Heat resistant up to 230°F (110°C) without degradation of the material



**A VALUABLE ADDITION TO A
SUSTAINABLE BUILDING PROJECT.**

COLOR SELECTION GUIDE



STONE WHITE



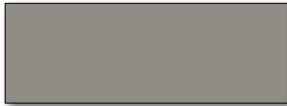
BONE WHITE



ALMOND



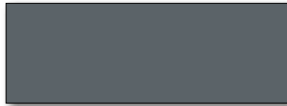
SANDSTONE



SLATE GRAY



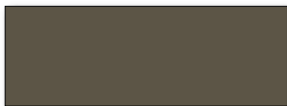
CITYSCAPE



CHARCOAL GRAY



SIERRA TAN



MEDIUM BRONZE



DARK BRONZE



EXTRA DARK BRONZE



MATTE BLACK



BRANDYWINE



COLONIAL RED



TERRA COTTA



MANSARD BROWN



REGAL RED



AWARD BLUE



SKY BLUE



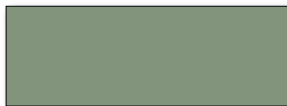
ELECTRIC BLUE



REGAL BLUE



TEAL



PATINA GREEN



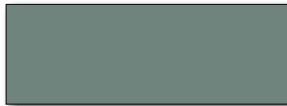
DARK IVY



SHERWOOD GREEN



HARTFORD GREEN



HEMLOCK GREEN



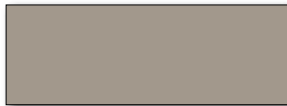
TROPICAL PATINA



SILVER METALLIC



CLASSIC COPPER



CHAMPAGNE METALLIC

Colors shown are as close to actual colors as allowed by the printing process. Your local sales rep can provide actual metal samples and answer questions about custom colors and other special requests.



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NOBODY COVERS YOU BETTER.™

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