

**SYRACUSE
LANDMARK
PRESERVATION
BOARD**

Certificate of Appropriateness Application

Case Number: CA-23-02

Submit by mail or by hand to:

Syracuse Landmark Preservation Board
City Hall Commons, Room 512
201 E. Washington Street
Syracuse, NY 13202

Electronic submissions to: [SLPB@syr.gov.net](mailto:SLPB@syr.gov)

APPLICATION

I. Applicant's Name: LMP Syracuse Property Owner, LLC
Address: 315 Oconee Street, Athens, GA 30601

Phone: 770-617-7888 email: mark.riley@landmarkproperties.com

II. Work is proposed for property at (address): 910 Madison Street

This property is:

- individual Protected Site
- located within a Preservation District

III. This application is for the following (check as many as appropriate; complete only the parts indicated with each work item):

- Partial or complete demolition (Complete Part 1)
- Alteration to texture or material composition of building exterior (Complete Part 2)
- Alteration to texture or material composition of building interior (only if interior is designated a Protected Site; Complete Part 2)
- Change in color (Complete Part 3)
- Cleaning (Complete Part 3)
- Addition to existing building (Complete Part 4)
- New building construction (Complete Part 4)
- Alteration to site including excavation, change in land contours, installation of pavement for parking lots, driveways, or sidewalks (Complete Part 5)
- Deposit of refuse or waste material (Complete Part 5)
- Change in signage or advertising (Complete Part 6)

Applicant's Signature: Mark Riley Date: 1-9-2023

Owner's Signature: Ken Steiger Date: 1-9-2023

**Submission of this application or approval of a Certificate of Appropriateness does not relieve the applicant of his/her responsibilities in obtaining other permits and/or approvals as prescribed by law. The Syracuse Landmark Preservation Board uses the United States Secretary of the Interior's Standards as guidelines for review of proposals. A copy of these standards is available at the SLPB office or online at <https://www.nps.gov/tps/standards/rehabilitation/rehab/stand.htm>.*

Demolition: Part 1

1-1 Has an order for demolition of the structure been issued by the Division of Code Enforcement, Chief of Fire, or another agency of the City of Syracuse?

- No
- Yes

Please indicate the date when order was issued: _____

Please indicate the issuing department or agency: _____

1-2 Certificate of Appropriateness is being sought for:

- Complete demolition
- Partial Demolition – Enclose site plan showing portions to be removed and photographs of existing structure.

1-3 Why is the demolition necessary? _____

The building requires a new steward, as the congregation is unable to continue at this site. That stewardship is being offered by the proposed development, in conjunction with the redevelopment of the site, by preserving the significantly historic sanctuary. For the redevelopment to be economically feasible and for the congregation to be able to continue operating in its new location, the demolition of the remaining portions of the existing buildings is necessary to allow for the redevelopment of the proposed project

1-4 List any other factors or information that you feel should be considered by the Syracuse Landmark Preservation Board: _____

A variety of supplemental documents have been provided to the SLPB throughout the design review process, including historical analysis prepared by QPK along with the new construction design drawings, elevation, site plan, etc.

Alteration: Part 2

2-1 Please describe the nature of the work for which the Certificate of Appropriateness is being sought: For alteration, there will be modifications to the existing building. The main sanctuary structure will remain as shown on the plans and all building components beyond the large archway at the current stage area will be demolished. This location was deemed by our design team as the most appropriate break from a massing, structural and historical aspect when evaluating the existing buildings on the site. All of the religious components of the building will be removed, many by the congregation, including but not limited to, the organ, lectern, pews, signs/ plaques and other adornments, both interior and exterior. For the space to be functional in its new form, the floor will be leveled to match its current high point at the entry / vestibule end of the building. This will be done by either building on top of the existing floor or removing and replacing with a new structural floor that is compliant with current codes and independently braced from the exterior walls, minimizing impact to the existing building. The interior will be repainted and lighting and HVAC systems will be reviewed and upgraded as required. The exterior look and character will remain substantially similar to how it looks today and will be cleaned to revitalize the stone. Modifications will be made where necessary to ensure the longevity of the building including a review of the roof and windows. The landscaping will be cleaned up to increase visibility of the sanctuary from the streets and the grand staircase will remain a feature of the neighborhood. We understand that the stage was previously the focal point of the room, but with the leveling of the floor the stage will no longer look or feel like it does today. In an effort to create a great synergy between old and new, the new building will include a multi-story volume where the stage currently exists that will connect to an amenity area overlooking the main entry to the building and will have access to new restrooms, a stairwell, and an elevator providing an accessible entry to the space that respects the grandeur of its original use.

2-2 Is the history of existing materials and building components known?

- Yes
 No

2-3 Does the alteration attempt to return the building to a known former appearance?

- Yes
 No
 Unknown

2-4 Does the proposal call for the covering or removal of existing materials or finishes? (i.e. installation of new siding).

- No
 Yes (please explain what will be covered or removed). There will be portions of the existing sanctuary exposed that will be integrated and connected into the new building, and/or require new exterior cladding where previous interior walls are to be removed along the east side of the sanctuary.

2-5 Materials to be removed or covered are:

- Part of the original building
 Part of a subsequent addition (please give date if known _____).
 Not Known

2-6 Can materials that are to be covered or removed be exposed or reattached in the future without damage?

- Yes
 No

2-7 **Please submit the following: photos of the existing building and site of proposed work; site plan and elevation drawings of proposed alteration; materials list; and manufacturer's cut sheets or other descriptive materials that illustrate the proposed alteration.**

Cleaning/Painting: Part 3

- 3-1 This application is for:
- Painting of building exterior (EXTERIOR TRIM TO BE EVALUATED)
 - Cleaning of building exterior
 - Painting of building interior (only if interior is designated).
 - Cleaning of building interior (only if interior is designated).
- 3-2 The components to be painted and/or cleaned are made of: Consideration to the schedule
and components to be cleaned (exterior stone) or painted (wood trims) will be provided.
- 3-3 The cleaning process that is being proposed is: Per national guidelines where applicable.
-
- 3-4 Do new colors match a previous color scheme?
- Yes (Exterior trim where applicable)
 - No (Interior colors to be determined as appropriate)
- Please submit color chips of proposed colors if proposed colors are different from existing scheme.**

Additional/New Construction: Part 4

- 4-1 This application is for:
- Addition to existing structure
 - Construction of new building
- 4-2 Is proposed addition or new construction in public view from neighboring streets?
- Yes
 - No
- 4-3 What is the purpose of the purposed addition or new building? The new building is an 7-story
off campus purpose built student housing community consisting of residential units with
top-of-market amenities, raised private courtyard, atop parking garage structure
- 4-4 Describe how the new construction is compatible in scale, materials, and texture to the design of the existing structure and the character of surrounding buildings: In a project that incorporates an
historic building, there are generally two approaches: 1) match and blend or (2) contrast and highlight.
This project has implemented the latter strategy adding a distinctly more contemporary building with
greater height and volume, more modern materials appropriate for a mid-rise building and a design that
creates a backdrop to the historic sanctuary to ensure it remains a focal point of the area. The materials
proposed create a series of textures and colors that have relatable features to the sanctuary. This
addition fits in with the other recent development in the area, but makes a conscious effort to preserve
the key historic features of the sanctuary and surrounding landscape.
-
- 4-5 **Submit a site plan, elevation drawings and a materials list for the new construction.**

Alteration of Site: Part 5

- 5-1 This application is for:
 Deposit of refuse
 Alteration to site
- 5-2 Describe the nature of the work for which the Certificate of Appropriateness is being sought: Alteration of site, including excavation for new building foundation, new sidewalks, streetscape improvements, pedestrian access, and landscaping. The areas of the site directly adjacent to the west side of the sanctuary will be preserved (ie, grass lawn, grand stair)
- 5-3 Does the proposed alteration call for removal of site components such as plantings, trees, fencing, walkways, outbuildings, gates, and/or other elements?
 No
 Yes (Please explain)
Existing parking lot, grass, trees to be demolished in location of new building construction. The areas directly adjacent to the west side of the sanctuary will be preserved (ie, grass lawn, grand stair)
- 5-4 How will the proposed alteration to the site change the character of the property? (e.g., parking in public view in front of structure). Please explain:
The new site construction (ie, new pedestrian connections, walkways, seating areas) will blend into the existing lawn/landscape areas surrounding the existing sanctuary to be preserved.
- 5-5 **Include photos, or drawings of the existing and the existing site and the locations of proposed site changes.**

Signage: Part 6

- 6-1 The proposed signage is:
 Wall sign
 Projecting
 Sign on awning
 Window signage
 Other (Please explain) _____

- 6-2 Describe and illustrate the design of the proposed signage: _____

- 6-3 **Include a drawing of the sign and photos of the building façade showing the size of the sign and where the sign will be located.**
- 6-4 **Describe and illustrate how the proposed signage will be attached to the building.**



5/14/20, 4:18 PM

Southwest school wing



5/14/20, 4:19 PM

Southwest corner of temple



5/14/20, 4:18 PM

South side of building



5/14/20, 4:18 PM

Southwest school building



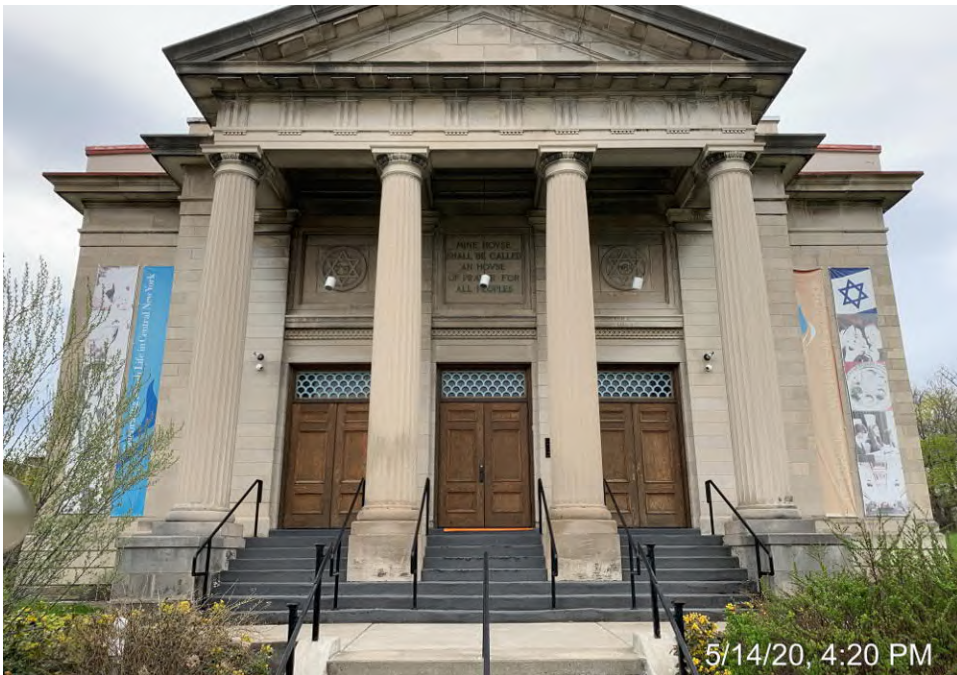
North side of temple

5/14/20, 4:20 PM



Temple signage

5/14/20, 4:22 PM



Temple Entrance

5/14/20, 4:20 PM



North side entrance

5/14/20, 4:22 PM



West side of school house

5/14/20, 4:14 PM



West side school building from sidewalk

5/14/20, 4:15 PM



Existing temple signage

5/14/20, 4:22 PM



West side of school building

5/14/20, 4:14 PM



North face of school building



Northwest corner of temple



West profile of school building



West side of temple



South East view of temple



Temple entrance stairwell



South side of temple



THE STANDARD AT SYRACUSE
910 MADISON STREET, SYRACUSE NY
JANUARY 2023
NTS



PERSPECTIVE FROM MADISON STREET/UNIVERSITY AVE

CUBE 3 | 370 Merrimack Street Suite 337, Entrance "F" | Lawrence, MA 01843 | 978.989.9900 | www.cube3.com





THE STANDARD AT SYRACUSE
910 MADISON STREET, SYRACUSE NY
JANUARY 2023
NTS



AERIAL FROM MADISON STREET/UNIVERSITY AVE

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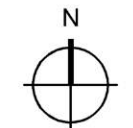


THE STANDARD AT SYRACUSE
910 MADISON STREET, SYRACUSE NY
JANUARY 2023
NTS



AERIAL FROM UNIVERSITY AVENUE

CUBE 3 | 370 Merrimack Street Suite 337, Entrance "F" | Lawrence, MA 01843 | 978.989.9900 | www.cube3.com



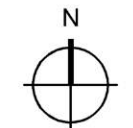


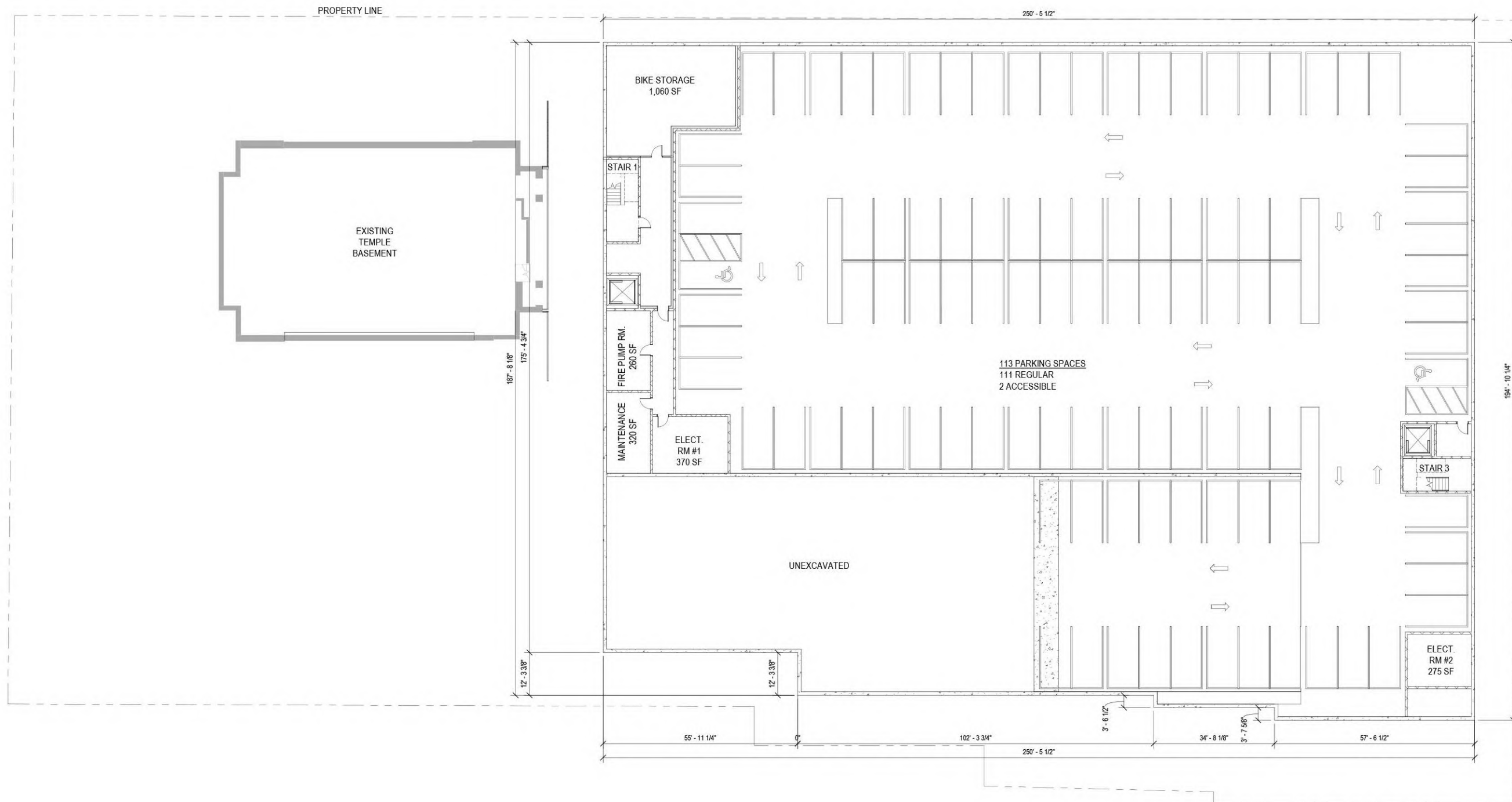
THE STANDARD AT SYRACUSE
910 MADISON STREET, SYRACUSE NY
JANUARY 2023
NTS



AERIAL FROM MADISON STREET

CUBE 3 | 370 Merrimack Street Suite 337, Entrance "F" | Lawrence, MA 01843 | 978.989.9900 | www.cube3.com



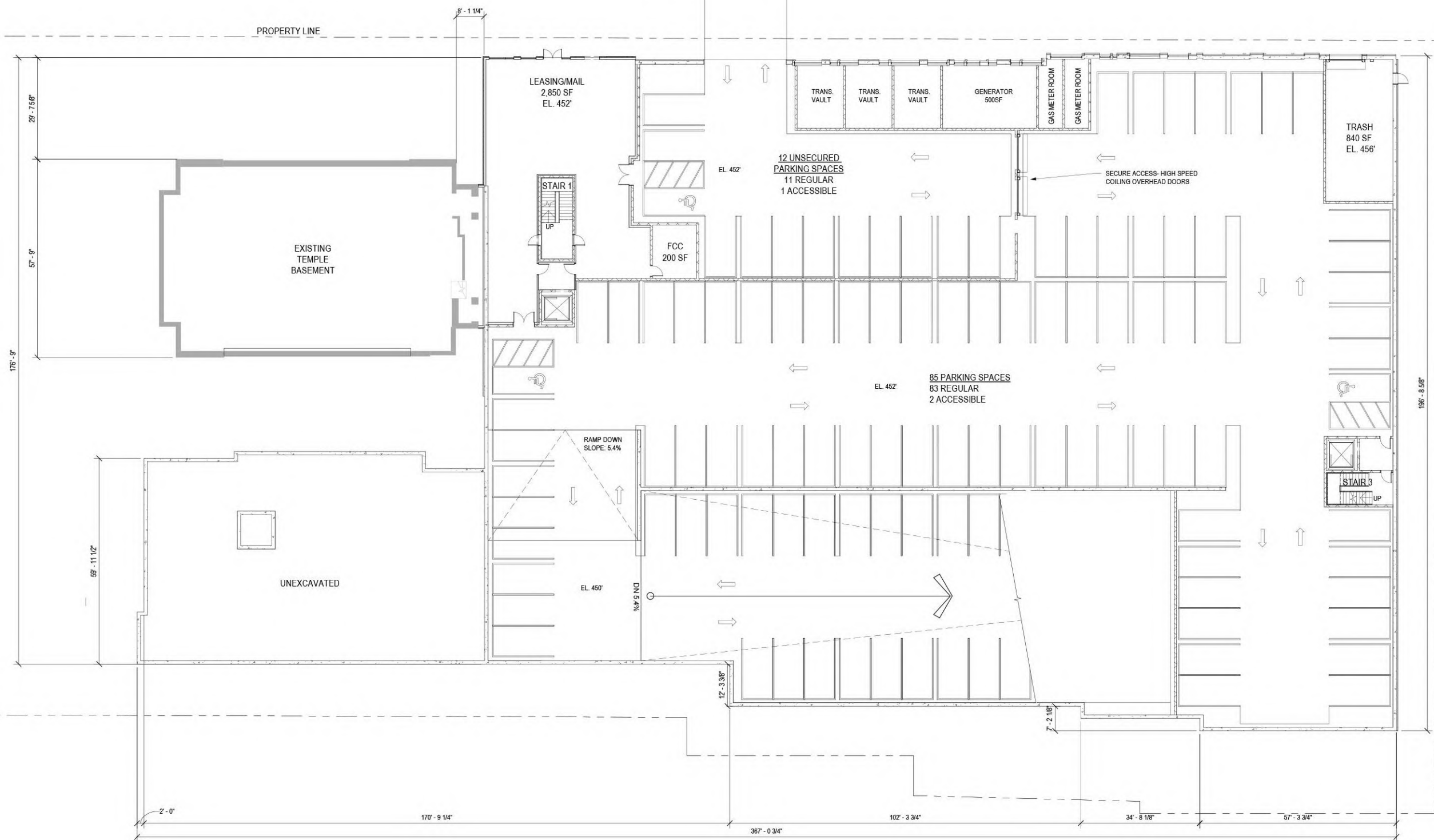


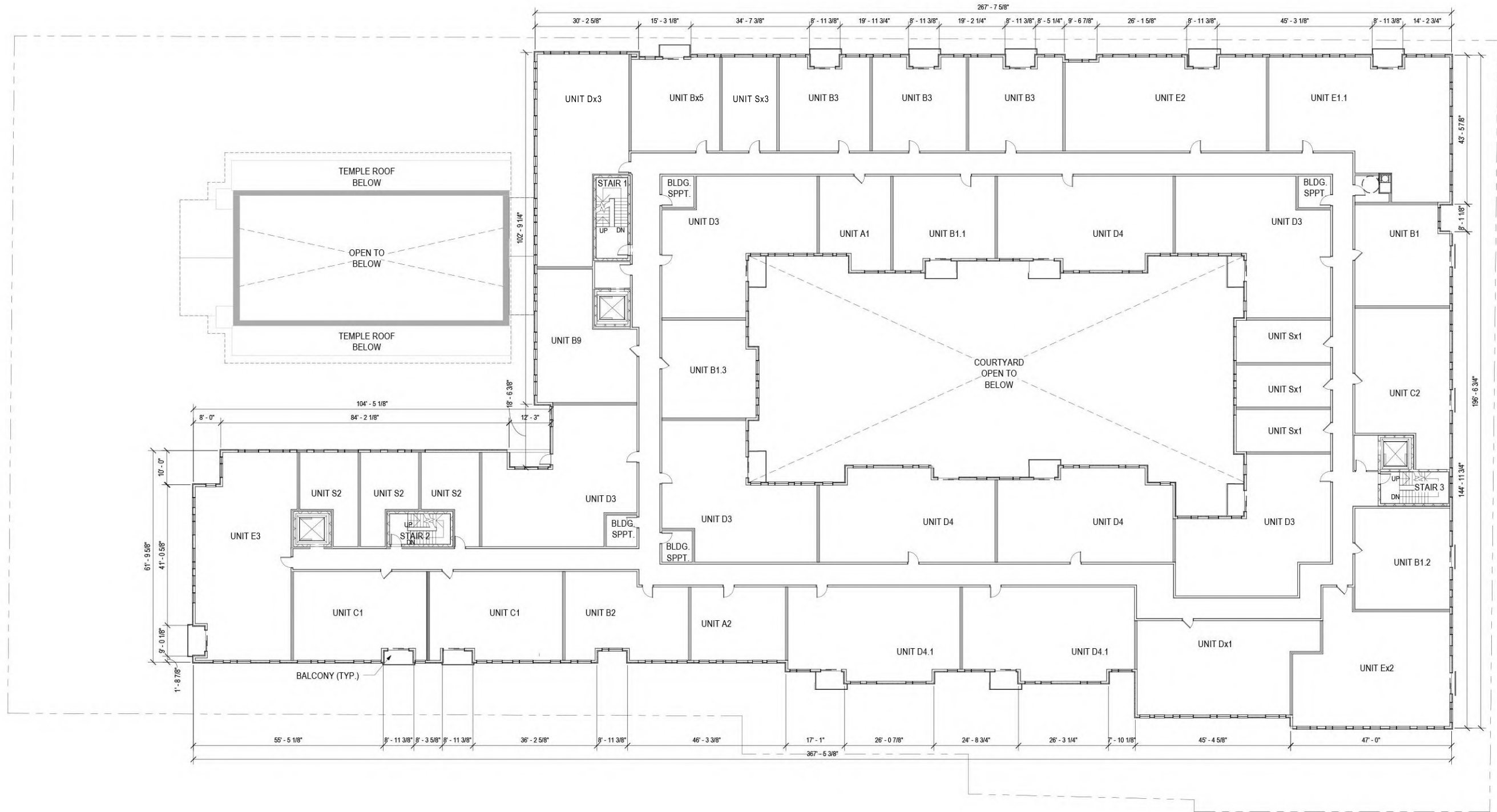
UNIVERSITY AVE

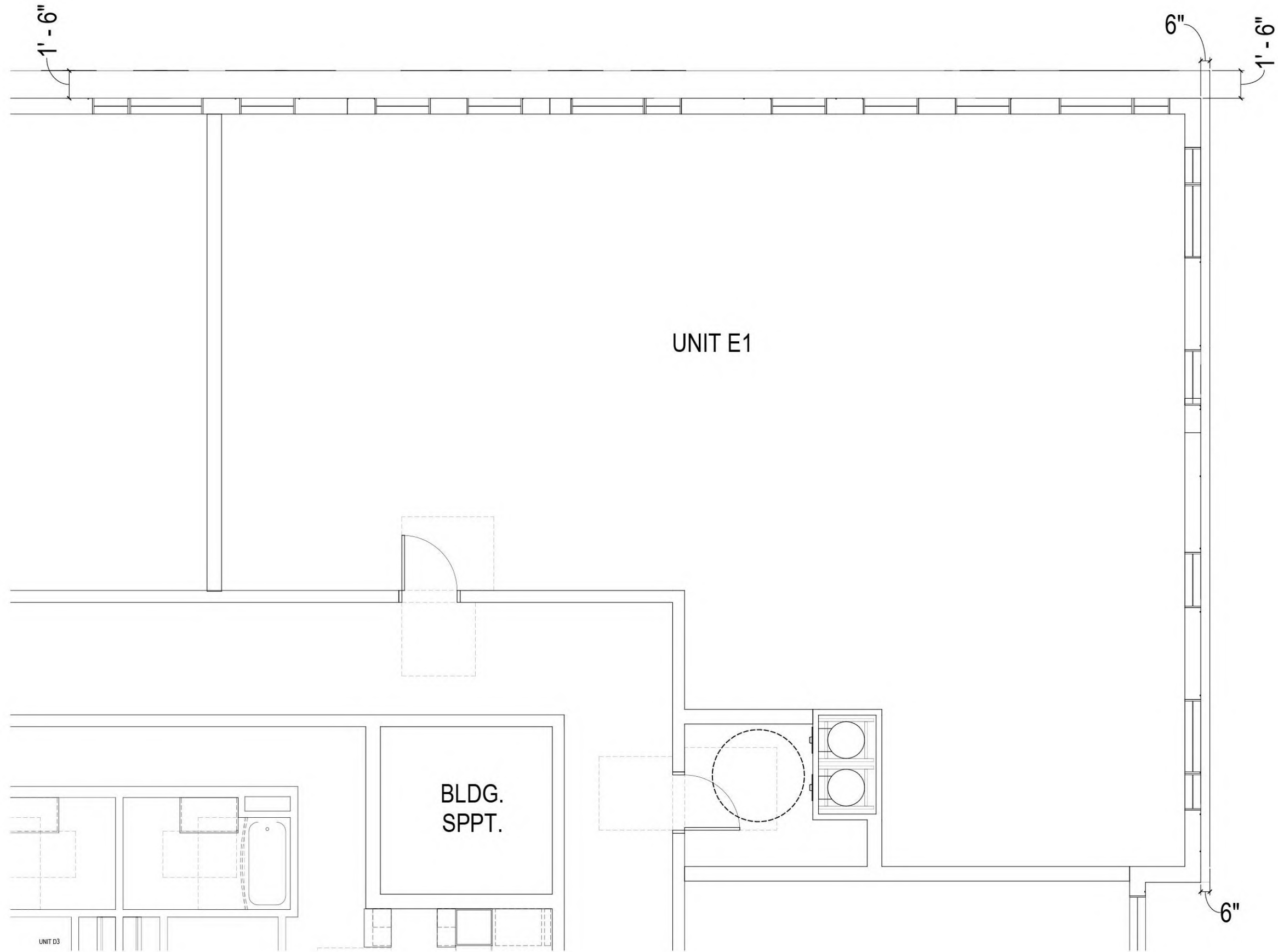
EXISTING CURB LINE

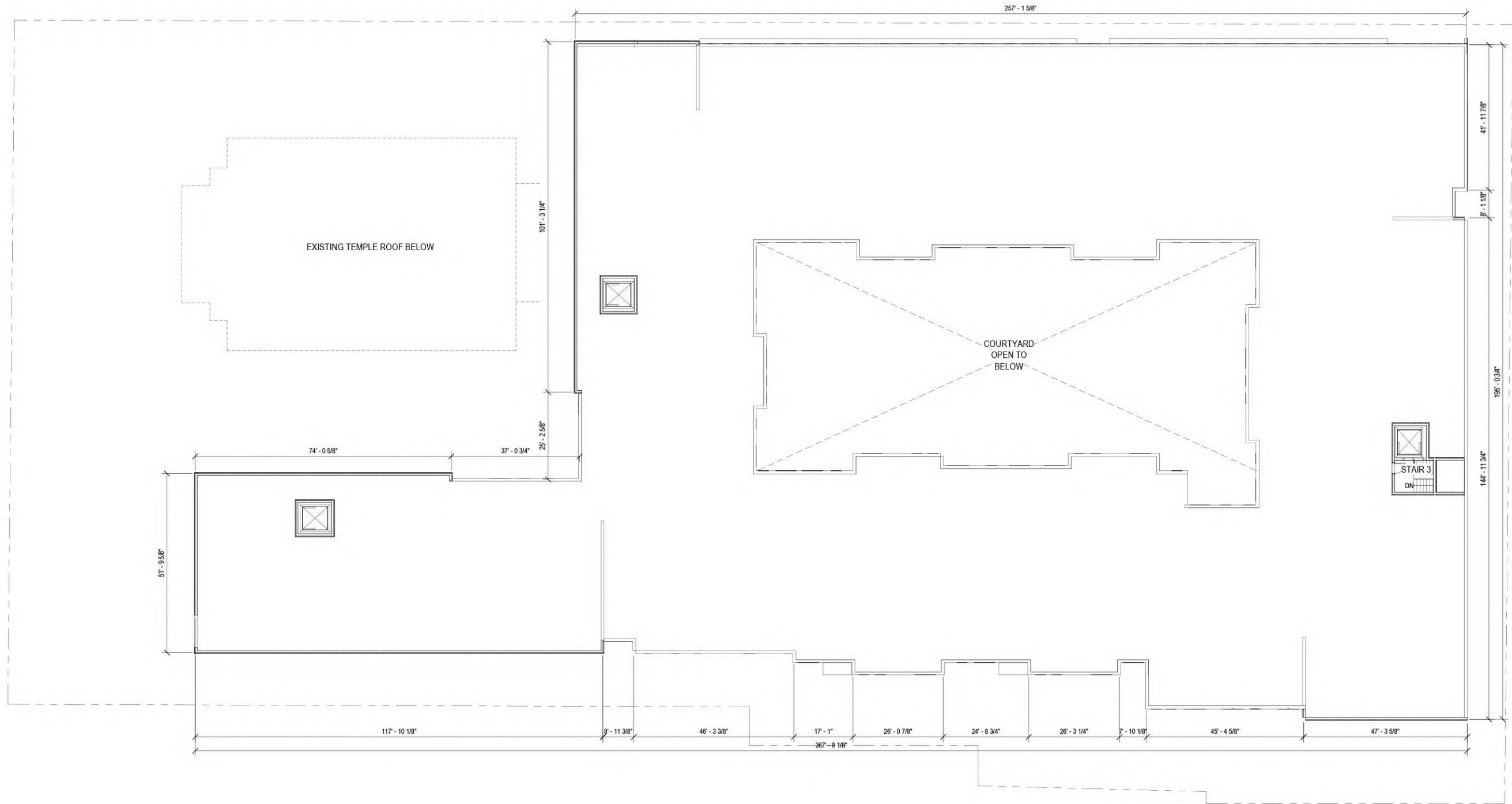
MADISON STREET

PROPERTY LINE









EXTERIOR BUILDING MATERIAL LEGEND

- | | |
|---|--|
| <ul style="list-style-type: none"> 1 NICHHA - VINTAGEWOOD SERIES - CEDAR 2 KINGSPAN - ACM PANEL - KYNAR PLATINUM MICA 3 KINGSPAN - ACM PANEL - KYNAR COSMIC GRAY MICA 4 KINGSPAN - ACM PANEL - KYNAR BONE WHITE 5 KINGSPAN - ACM PANEL - KYNAR AGED COPPER 6 JAMES HARDIE - HADRIE PANEL - LIGHT MIST 7 GLEN GERY - FACE BRICK - ANTIQUE WHITE 8 PELLA - IMPERVIA - FIBERGLASS WINDOW - BLACK (USED W/ MATERIALS 1; NOT IDENTIFIED ON ELEVATIONS) | <ul style="list-style-type: none"> 9 PELLA - IMPERVIA - FIBERGLASS WINDOW - MORNING SKY GRAY (USED W/ ALL MATERIALS EXCEPT 1; NOT IDENTIFIED ON ELEVATIONS) 10 KAWNEER - TRIFAB 401UT STOREFRONT - KYNAR COSMIC GRAY MICA 11 ALUMADECK - ALUMINUM RAILING SYSTEM - BLACK (NOT IDENTIFIED ON ELEVATIONS) 12 THRU-WALL EXHAUST VENT (AS SHOWN ON ELEVATIONS - ONE PER BATHROOM, KITCHEN, DRYER & HOT WATER HEATER FOR UNITS AND AS NEEDED FOR AMENITY SPACES) 13 COILING GARAGE DOOR 14 HOLLOW METAL DOOR FRAME 15 TPO ROOF - WHITE (NOT SHOWN) |
|---|--|



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THE STANDARD AT SYRACUSE

CITY OF SYRACUSE
 ONONDAGA COUNTY, NEW YORK



DRAWING INDEX

Sheet Number	Sheet Title
C-001	TITLE SHEET
C-002	GENERAL NOTES & LEGEND
C-003	EXISTING CONDITIONS
C-101	SITE LAYOUT PLAN
C-201	GRADING PLAN
C-301	SITE UTILITY PLAN
C-401	LANDSCAPE PLAN
C-501	EROSION & SEDIMENT CONTROL PLAN
C-601	DETAILS

project information
THE STANDARD AT SYRACUSE
 910 MADISON ST
 SYRACUSE, NY 13210

client information
LMP SYRACUSE
 PROPERTY OWNER
 LLC
 315 OCONEE ST
 ATHENS, GA 30601

consultant information
CHA
 300 South State Street - Suite 600
 Syracuse, NY 13202
 315.471.3920 • www.chacompanies.com

Issuance
**PRELIMINARY
 SITE PLANS**
 NOT FOR
 CONSTRUCTION

drawing information

drawing by: BQH
 drawing checked by: BFB
 drawing scale: AS SHOWN
 drawing date: 11/12/2020
 project number: 057540

drawing revisions

No.	Description	Date
1	Revised Landscape Plan	12/8/20
2	Revised Unit & Parking Count	1/4/21
3	Revised Footprint & Utility Locations	3/1/21



drawing name
TITLE SHEET

drawing number
C-001

File: V:\PROJECTS\NY\057540\000\CADD\CHA\057540\000\057540_C-001-TITLE.DWG
 Saved: 12/13/2020 2:45:14 PM Plotted: 3/9/2021 12:48:44 PM Current User: Herrick, Benjamin, LeeSovardBy: 3191

LEGEND

<u>PROPOSED</u>		<u>EXISTING</u>	
STORM SEWER			indicates original grade
STORM SEWER			indicates light stand
SANITARY SEWER			indicates utility pole, anchor & overhead lines
WATER LINE			indicates iron pipe and/or monument found
GAS LINE			indicates bollard
ELECTRIC			indicates sign
COMMUNICATIONS	N/A		indicates storm culvert
TELEPHONE	N/A		indicates gas main, gas valve & gas line marker
OVERHEAD ELECTRIC	N/A		indicates water main, water valve & hydrant
5' OR 10' CONTOUR LINE			indicates storm sewer, catch basin & manhole
1' OR 2' CONTOUR LINE			indicates sanitary sewer, sewer vent & manhole
SPOT ELEVATION			indicates underground telephone line, manhole & box
BOLLARD			indicates underground electric line & manhole
SIGNS			indicates underground television cable & box
GATES	N/A		indicates 6" diameter monitoring well (typical)
ELEC/POWER MANHOLE	N/A		
YARD LIGHT	N/A		
UTILITY POLE (W/ GUY WIRE)	N/A		
LIGHT POLE	N/A		
SIGNAL MANHOLE	N/A		
SIGNAL	N/A		
GUIDE RAIL	N/A		
VEGETATION LINE	N/A		
DECIDUOUS TREE			
EVERGREEN TREE			
BUILDING OUTLINE			
WETLAND DELINEATION INFO			
PONDS, STREAMS, ETC.			
FLAG POLE	N/A		
CATCH BASIN			
STORM MANHOLE			
STORM INLET MANHOLE			
SANITARY MANHOLE			
SANITARY CLEANOUT			
TOP OF FRAME ELEVATION	TF 516.54		
INVERT ELEVATION OF PIPE	INV (NE) 512.44		
HYDRANT			
VALVE			
DISINFECTION BLOW OFF			
POST INDICATOR VALVE			
METER PIT	N/A		
CHAINLINK FENCE	N/A		
UNKNOWN	N/A		
MAILBOX	N/A		
RIGHT OF WAY	N/A		
PROPERTY LINE	N/A		
EASEMENT	N/A		
TREE/SHRUB CALL-OUT			
DETAIL CALL-OUT			

GENERAL NOTES

- BASE MAPPING PREPARED BY IANUZI & ROMANS LAND SURVEYING P.C. DATED SEPTEMBER 23, 2019.
- ELEVATIONS REFERRED TO NAVD 1988 DATUM.
- UNDERGROUND UTILITIES ARE SHOWN FROM FIELD LOCATION IF POSSIBLE, OTHERS ARE SHOWN FROM RECORD DATA. THEIR EXACT LOCATION MAY DIFFER FROM THAT AS SHOWN AND OTHERS MAY EXIST.
- SUBJECT TO ANY RIGHTS, EASEMENTS, COVENANTS OR RESTRICTIONS OF RECORD.
- UNDERGROUND UTILITIES ARE SHOWN BASED ON PHYSICAL EVIDENCE LOCATED AT THE GROUND SURFACE.
- THE PLANS SHOW KNOWN SUBSURFACE STRUCTURES, ABOVEGROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA. CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH MAY DIFFER FROM THAT SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. CONTRACTOR SHALL COMPLY WITH THE STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE, 16NYCRR PART 753, EFFECTIVE FEBRUARY 5, 1997. CALL BEFORE YOU DIG @ 1-800-962-7962.
- THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL RESTORE LAWNS, DRIVEWAYS, CULVERTS, SIGNS AND OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED AS DETERMINED BY THE ENGINEER. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC.
- THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED LAND SURVEYOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONDUCT EXPLORATORY TEST PITS AS REQUIRED TO DETERMINE UNDERGROUND CONDITIONS. THE CONTRACTOR SHALL CONDUCT ADDITIONAL PITS AS REQUIRED FOR PERFORMANCE OF WORK AT HIS EXPENSE.
- ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF NEW YORK STATE CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
- MAINTAIN FLOW FOR ALL EXISTING UTILITIES, CULVERTS, AND DITCHES.
- ALL MANHOLES, CASTINGS, ETC. AND VALVE BOXES WITHIN PAVED AREAS SHALL HAVE THE TOPS SET FLUSH WITH THE EXISTING PAVEMENT GRADE. IN LANDSCAPED AREAS, ALL FRAMES SHALL BE 0.1' ABOVE GRADE.
- BEFORE CONSTRUCTING LINES TO CONNECT TO EXISTING UTILITIES OR UTILITIES INSTALLED UNDER OTHER CONTRACTS, VERIFY EXISTING UTILITY INVERTS AND NOTIFY ENGINEER IF ANY VARIATION FROM THE PLANS IS REQUIRED.
- CONTRACTOR TO GRADE ALL AREAS ON THE SITE TO PROVIDE POSITIVE DRAINAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUT. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP AS-BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES AND INVERTS. AS-BUILT PLANS SHALL BE REVIEWED BY THE OWNER AND HIS REPRESENTATIVES, AND THE CONTRACTOR SHALL PROVIDE ANY CORRECTION OR ADMISSIONS TO THE SATISFACTION OF THE OWNER AND HIS REPRESENTATIVES BEFORE UTILITIES WILL BE ACCEPTED.
- THE CONTRACTOR SHALL EXERCISE CAUTION WHEN OPERATING CONSTRUCTION EQUIPMENT OVER NEW UTILITY TRENCHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MINIMUM OF TWO FEET OR MORE, IF REQUIRED, OVER ANY UTILITY LINE SUBJECT TO CONSTRUCTION TRAFFIC.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK, LANE CLOSURES AND DISRUPTIONS WITH GOVERNING AGENCIES.
- PRIOR TO BIDDING PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS.
- ALL PHYSICAL FEATURES, INDIVIDUAL TREES, LANDSCAPING OR UTILITY LOCATIONS COULD NOT BE POSSIBLY SHOWN ON THE CONTRACT DRAWINGS. EACH BIDDER IS ENCOURAGED TO PERSONALLY INSPECT ALL AREAS OF PROPOSED WORK, IN ORDER TO ENSURE THAT HE IS FAMILIAR WITH THE PHYSICAL LAYOUT OF THE AREA AND THE REQUIREMENTS OF THE WORK.
- ALL PROPOSED WORK MAY BE VARIED IN THE FIELD BY THE ENGINEER TO MEET EXISTING CONDITIONS.
- UPON COMPLETION OF THE WORK, ALL DISTURBED AREAS SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION.
- TURF ESTABLISHMENT: ALL DISTURBED, FILL OR CUT AREAS SHALL BE GRADED, SEEDED, AND MULCHED, WITHIN ONE WEEK OF BACK FILLING, AND LAWN AREAS DISTURBED DURING THE COURSE OF THE WORK WILL REQUIRE TOP SOIL BEFORE SEEDING AND MULCHING. ANY AREAS THAT SETTLE OR WASH OUT SHALL BE REPAIRED.
- WHERE PRACTICAL, ALL EROSION CONTROL MEASURES SHALL BE PUT INTO PLACE PRIOR TO BEGINNING CONSTRUCTION.
- TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT. TEMPORARY ROAD PLATE SHALL BE PLACED AT THE END OF EACH WORKING DAY OR AS REQUIRED BY GOVERNING AGENCIES.
- ALL CONSTRUCTION STAKE OUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- SIGNS AND WORKZONE TRAFFIC CONTROL SHALL ADHERE TO FEDERAL MUTCD WITH STATE SUPPLEMENT.
- ALL MATERIALS USED WITHIN CITY RIGHT OF WAY MUST COMPLY WITH THE CURRENT CITY STANDARDS AND SPECIFICATIONS.
- ROAD TO BE KEPT CLEAN AT ALL TIMES AND FREE OF ALL CONSTRUCTION DEBRIS.
- ALL WORK ZONE SIGNS AND FLAGGERS SHALL BE OFF THE ROADWAY WHEN NOT IN USE.

THE STANDARD AT SYRACUSE

910 MADISON ST
SYRACUSE, NY 13210

LMP SYRACUSE
PROPERTY OWNER
LLC

315 O'CONNOR ST
ATHENS, GA 30601



PRELIMINARY
SITE PLANS

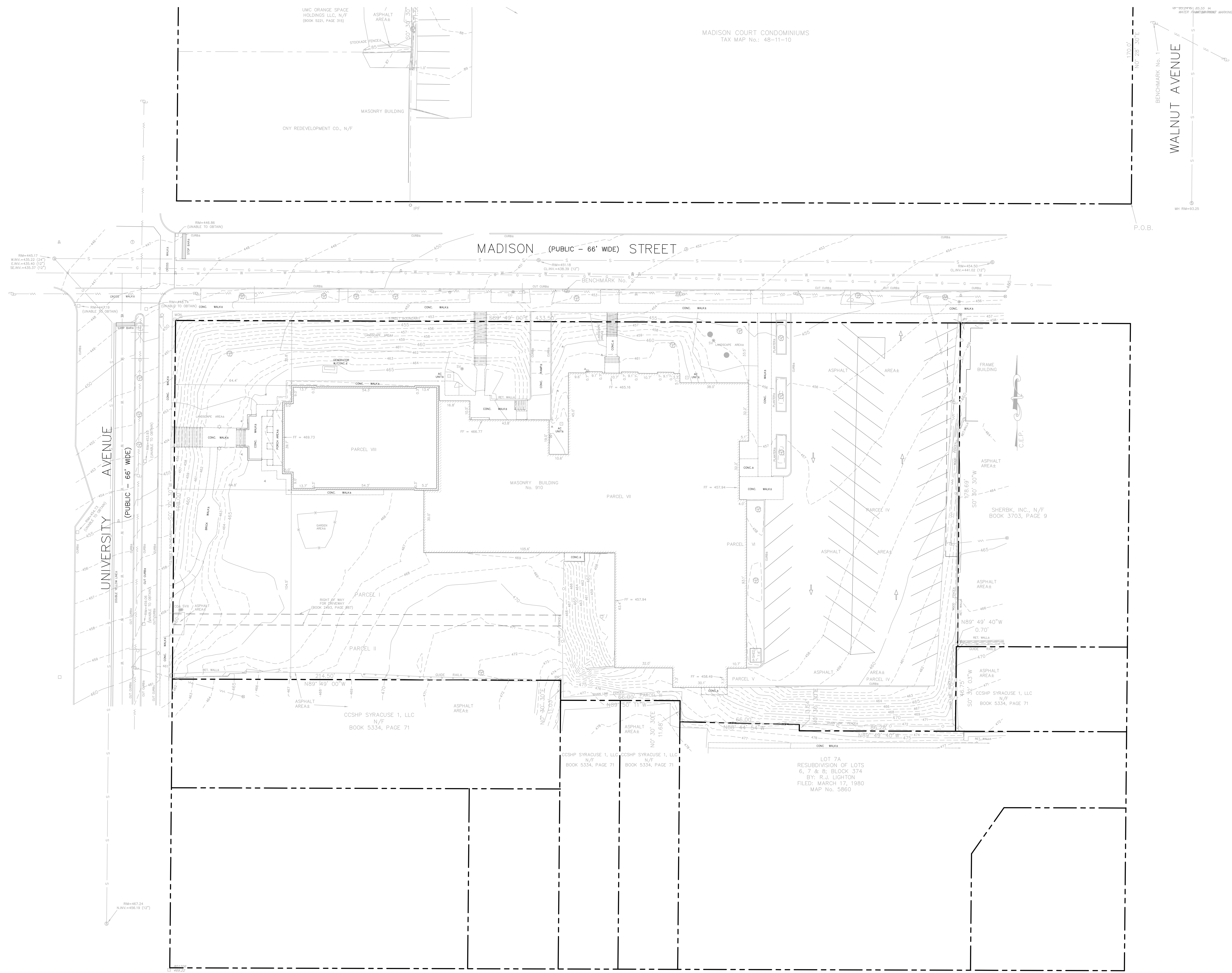
NOT FOR
CONSTRUCTION


drawing by:	BGH
drawing checked by:	BFB
drawing scale:	AS SHOWN
drawing date:	11/12/2020
project number:	057540

No.	Description	Date
1	Revised Landscape Plan	12/8/20
2	Revised Unit & Parking Count	1/4/21
3	Revised Footprint & Utility Locations	3/1/21

GENERAL
NOTES &
LEGEND

C-002






architecture interiors planning
 369 Warrinack Street Lawrence MA 01840
 phone: 978.919.9100 www.cubestudio.com

THE STANDARD AT SYRACUSE

910 MADISON ST
 SYRACUSE, NY 13210

LMP SYRACUSE PROPERTY OWNER LLC

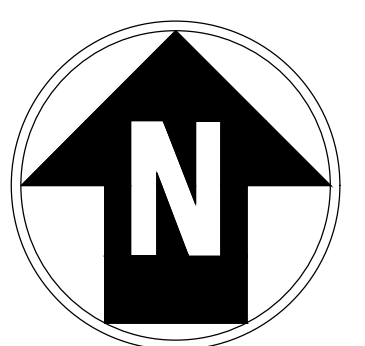
315 OCOREE ST
 ATHENS, GA 30601



CHA
 300 South State Street, Suite 600
 Syracuse, NY 13202
 315.471.2525

PRELIMINARY SITE PLANS

NOT FOR CONSTRUCTION



Scale in feet

drawing by:	BGH
drawing checked by:	BFB
drawing scale:	AS SHOWN
drawing date:	11/12/2020
project number:	057540

No.	Description	Date
1	Revised Landscape Plan	12/8/20
2	Revised Unit & Parking Count	1/4/21
3	Revised Footprint & Utility Locations	3/1/21

EXISTING CONDITIONS

C-003

Delivering the Power of
POSSIBILITIES



ARCHITECTURAL WALL PANELS

Commercial Full Line Catalog



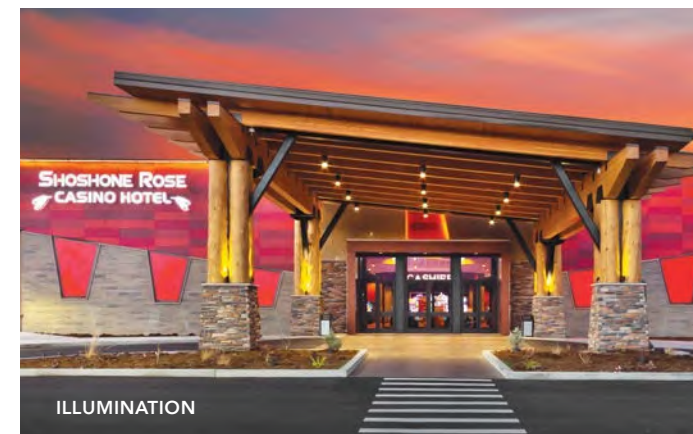
ILLUMINATION | VINTAGE WOOD | INDUSTRIALBLOCK

WE'RE LOOKING FORWARD.

At Nichiha, we think the future is bright.

Your projects come in all shapes, styles and markets. That's why Nichiha is dedicated to helping you build the perfect structure for you, clad in our Architectural Wall Panels.

We combine the aesthetic of your favorite building material with the uncompromising durability of fiber cement, giving you the look you want in considerably less time and for a fraction of the cost. Our expansive collection of textures includes metal, wood, block, stone and brick options in a full range of colors and finishes. Once you've used a Nichiha product, you'll see the difference — and want to use it again and again.



ILLUMINATION



ILLUMINATION | VINTAGEWOOD

6 | DESIGNER SERIES

8 | DIMENSION SERIES

10 | MODERN SERIES

12 | WOOD SERIES

14 | CONCRETE SERIES

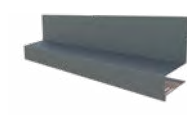
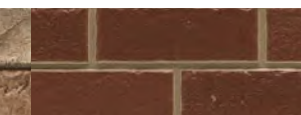
16 | KURASTONE™ SERIES

18 | BRICK SERIES

20 | MASONRY SERIES

22 | ESSENTIAL FLASHING SYSTEM

24 | INSTALLATION HARDWARE & TRIM





MULTIPLE LOOKS. ONE SOURCE.

Less time managing, more time imagining.

Why settle for one look when you can get multiple textures and finishes from a single manufacturer? With Nichiha Architectural Wall Panels, you can mix and match cladding styles to achieve the varied look you've been searching for. Whether you're looking for metal, stone, wood, concrete or brick, we have it all. Plus, all of our panel styles operate on the same clip installation system — saying goodbye to multiple contractors. You'll be able to move from conception to completion with ease, all while saving time and money.



USEFUL TIP

Add the finishing touches to your next project with our Essential Flashing System on page 22.

Sleek. Bold. Vibrant.

THE DESIGNER SERIES



Get polished sophistication in your color.

Modern appeal. High performance. Cost-effective. The Designer Series, featuring Illumination and Miraia, is ideal for contemporary design projects. With its satin finish, ease of installation and virtually limitless color palette, Illumination provides significantly more value than traditional aluminum composite and phenolic panels.

Miraia — the only product of its kind in the fiber cement market — offers a reflective, high-gloss finish, perfect for design accents and as an affordable alternative to metal. It's available in Snow, Glacier and Onyx.

Schools | Multi-family | Mixed-use | Office Building | Healthcare



In just 3 simple steps, Nichiha's Color Xpressions System opens your project up to a nearly limitless world of color possibilities. Backed by a 15-year limited factory-applied finish warranty, this premium feature can apply virtually any color to your design.

Just look for this Color Xpressions icon on select Nichiha products.



*See Nichiha warranties for detailed information on terms, conditions and limitations.

ILLUMINATION™ SPECS

DIMENSIONS (ACTUAL MM)

THICKNESS (ACTUAL MM)

WEIGHT (LBS. PER PANEL)

WEIGHT (LBS. PER SQ. FT.)

EXPOSED COVERAGE (SQ. FT. PER PANEL)

PACKAGING (PIECES PER PACK)



CUSTOM HUES MEET MODERN DESIGN

With Color Xpressions, Illumination panels are available in an array of custom colors.

AWP 1818

17-7/8" H x 71-9/16" L
(455MM H x 1818MM L)

5/8 (16MM)

35.2

3.9

8.88 SQ. FT.

2 [17.76 SQ. FT.]



AWP 1818 CAN ONLY BE INSTALLED HORIZONTALLY.

AWP 3030

17-7/8" H x 119-5/16" L
(455MM H x 3030MM L)

5/8 (16MM)

57.2

3.8

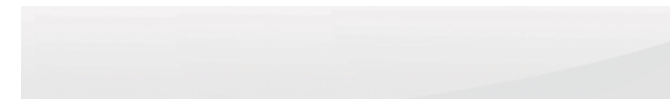
14.81 SQ. FT.

2 [29.62 SQ. FT.]



AWP 3030 CAN BE INSTALLED HORIZONTALLY OR VERTICALLY.

MIRAIA



SNOW



GLACIER



ONYX

MIRAIA SPECS

DIMENSIONS (ACTUAL MM)

THICKNESS (ACTUAL MM)

WEIGHT (LBS. PER PANEL)

WEIGHT (LBS. PER SQ. FT.)

EXPOSED COVERAGE (SQ. FT. PER PANEL)

PACKAGING (PIECES PER PACK)

AWP 1818

17-7/8" H x 71-9/16" L
(455MM H x 1818MM L)

5/8 (16MM)

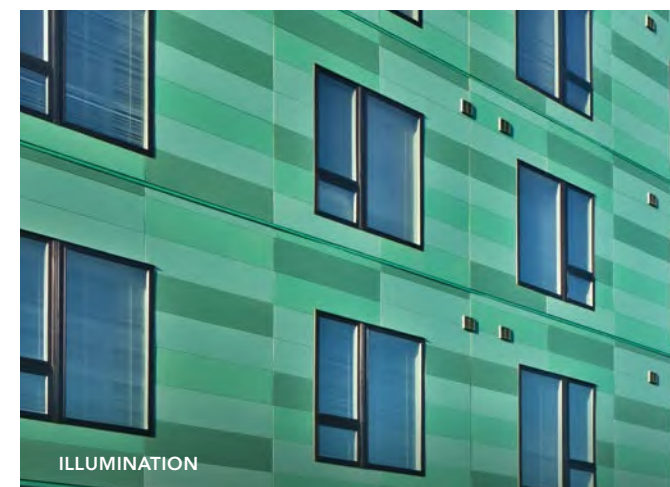
37.9

4.19

8.88 SQ. FT.

2 [17.76 SQ. FT.]

NOTE: MIRAIA PANELS ARE ONLY AVAILABLE WITH METAL TRIM CORNER OPTIONS.





Create depth and intrigue with
THE DIMENSION SERIES

RIBBED | VINTAGEWOOD

RIBBED



IVORY



INDIGO

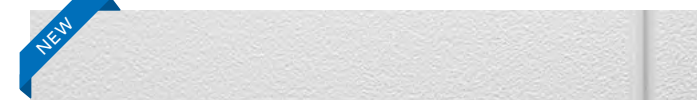
CUSTOM HUES MEET MODERN DESIGN
With Color Xpressions, Ribbed panels are available in an array of custom colors. Learn more on page 6.

Custom color and texture are often used to create depth to make small spaces seem larger. However, even large areas can benefit from these techniques to give flat designs more visual interest.

RIBBED SPECS	AWP 3030
DIMENSIONS (ACTUAL MM)	17-7/8" H x 119-5/16" L (455MM H x 3030MM L)
THICKNESS (ACTUAL MM)	5/8 (16MM)
WEIGHT (LBS. PER PANEL)	57.3
WEIGHT (LBS. PER SQ. FT.)	3.8
EXPOSED COVERAGE (SQ. FT. PER PANEL)	14.81 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [29.62 SQ. FT.]

AWP 3030 CAN BE INSTALLED HORIZONTALLY OR VERTICALLY.

NOVENARY



OPAL



SLATE



SAND



OCHRE



CLAY

NOVENARY SPECS	AWP 1818
DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455MM H x 1818MM L)
THICKNESS (ACTUAL MM)	7/8 (21MM)
TILE SIZE	5-3/8" H x 23-1/4" L
WEIGHT (LBS. PER PANEL)	47.84
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]

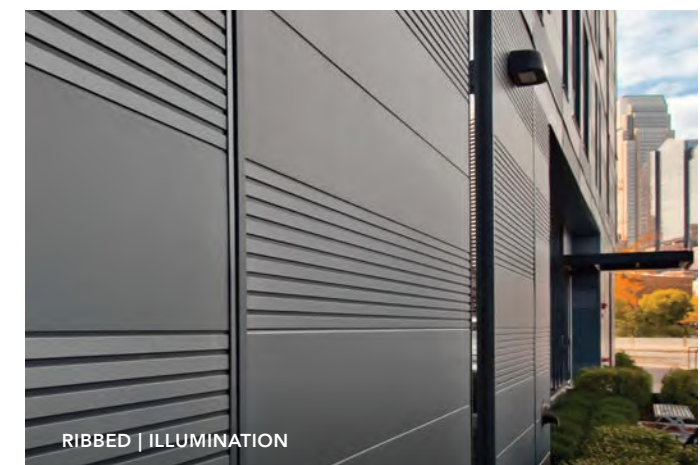
AWP 1818 CAN ONLY BE INSTALLED HORIZONTALLY.

Color. Texture. Depth. It's Design Complexity Made Simple.

Don't settle for a single, flat look when the Dimension Series lets you add depth, texture and color to your designs. Our multi-dimensional Ribbed™ and Novenary panels bring visual interest to smooth surfaces, like glass or metal, with recessed reveals and striking shadow lines. An additional element, like color, is the perfect way to add another layer of depth and intrigue. The Dimension Series gives you the design flexibility you desire to bring walls to life.



RIBBED | ILLUMINATION | ROUGHSAWN



RIBBED | ILLUMINATION

Find form and function in THE MODERN SERIES

Nichiha Architectural Block (Gray)

Nichiha Tuff Block (Steel)



ARCHITECTURALBLOCK



MOCHA



GRAY



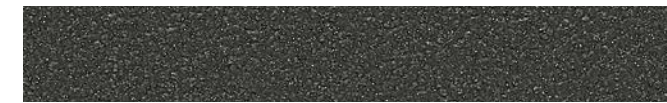
TUSCAN

ARCHITECTURALBLOCK SPECS

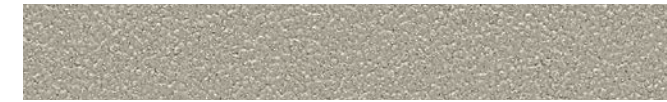
AWP 1818

DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455MM H x 1818MM L)
THICKNESS (ACTUAL MM)	5/8 (16MM)
WEIGHT (LBS. PER PANEL)	35.2
WEIGHT (LBS. PER SQ. FT.)	3.9
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]

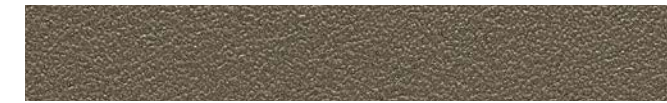
TUFFBLOCK



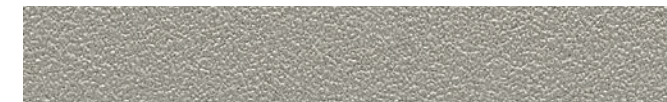
STEEL



BAMBOO



WALNUT



PEWTER

TUFFBLOCK SPECS

AWP 1818

DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455MM H x 1818MM L)
THICKNESS (ACTUAL MM)	5/8 (16MM)
WEIGHT (LBS. PER PANEL)	35.2
WEIGHT (LBS. PER SQ. FT.)	3.9
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]



CUSTOM HUES MEET MODERN DESIGN

With Color Xpressions, TuffBlock is now available in an array of custom colors. Learn more on page 6.

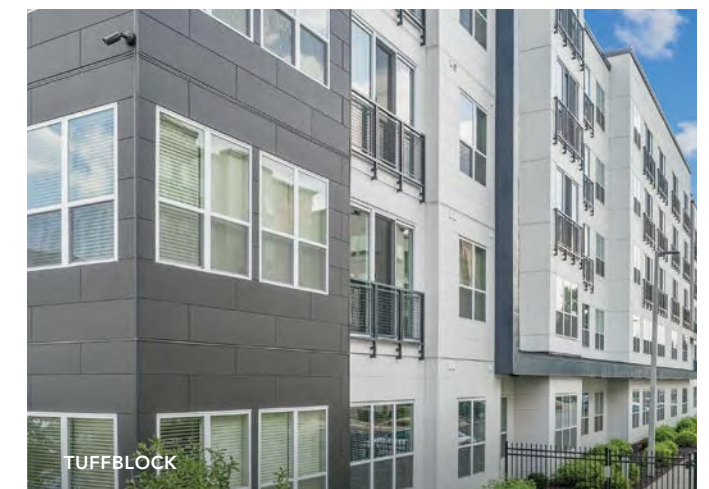
Take modern to the next level with distinct textures and tones.

The clean, modular look of the Nichiha Modern Series is a versatile choice for commercial and residential projects alike. The stylish tones and subtle seams are the perfect partner for gleaming glass and stainless steel. If you're looking for a modern contrast, the cool hues glow when paired with the warmth of wood. This series offers two distinct textures to ensure you find the perfect fit. ArchitecturalBlock™ is a handsome, durable and cost-effective solution. The ease of installation and wide variety of corner options make it as popular with contractors as it is with clients.

Its partner product, TuffBlock™, offers many of the same features as ArchitecturalBlock, but takes urban to the next level with a tough, textured finish. TuffBlock is built to last with strong construction that stands up to everyday wear and tear, making it the perfect panel for high-traffic areas. Whichever panel you choose, you've picked one that packs a punch while saving you time and money in the long run.



ARCHITECTURALBLOCK



TUFFBLOCK



Warm up your project with THE WOOD SERIES

Get the natural look of wood with unmatched durability.

Nichiha provides the look of wood without the drawbacks of natural wood cladding. Built to last, our VintageWood™ and RoughSawn™ panels offer the rich textures of wood while providing color stability and withstanding extreme weather elements. VintageWood exudes modern refinement and works well in both modern and vintage designs. With its earthy appeal, RoughSawn adds rustic sophistication to all types of projects. Both products pair perfectly with glass, metal and block panels, adding a touch of warmth to the coolness of these materials.

VintageWood and RoughSawn are as versatile as they are durable. Our Wood Series panels can install both vertically and horizontally and can be used in interior and exterior settings. Hidden fasteners provide a clean and beautiful look. Creating the perfect match, Nichiha gives you the beauty of wood backed by the brawn of fiber cement.

VINTAGEWOOD



BARK



CEDAR



REDWOOD

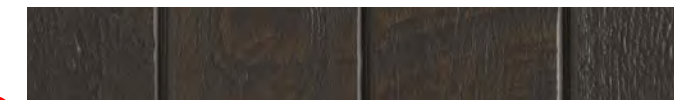


ASH



SPRUCE

ROUGHSAWN



ESPRESSO



TOBACCO



SMOKE

VINTAGEWOOD SPECS

AWP 1818

AWP 3030

DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455MM H x 1818MM L)	17-7/8" H x 119-5/16" L (455MM H x 3030MM L)
THICKNESS (ACTUAL MM)	5/8 (16MM)	5/8 (16MM)
WEIGHT (LBS. PER PANEL)	34.8	57.3
WEIGHT (LBS. PER SQ. FT.)	3.9	3.8
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.	14.81 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]	2 [29.62 SQ. FT.]

AWP 1818 CAN ONLY BE INSTALLED HORIZONTALLY.

AWP 3030 CAN BE INSTALLED HORIZONTALLY OR VERTICALLY.

ROUGHSAWN SPECS

AWP 3030

DIMENSIONS (ACTUAL MM)	17-7/8" H x 119-5/16" L (455MM H x 3030MM L)
THICKNESS (ACTUAL MM)	5/8 (16MM)
WEIGHT (LBS. PER PANEL)	57.3
WEIGHT (LBS. PER SQ. FT.)	3.8
EXPOSED COVERAGE (SQ. FT. PER PANEL)	14.81 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [29.62 SQ. FT.]

AWP 3030 CAN BE INSTALLED HORIZONTALLY OR VERTICALLY.



VINTAGEWOOD UPDATE

Achieve the organic staggered look you love and take advantage of added design flexibility with our new VintageWood 1818 panels, measuring nearly 6 feet in length. Contact your rep to learn more.



Find imperfect perfection with THE CONCRETE SERIES

INDUSTRIALBLOCK

EMPIREBLOCK



INDUSTRIALBLOCK



Want the concrete look without the dimples? Check out our IndustrialBlock panel.

EMPIREBLOCK SPECS

AWP 3030

DIMENSIONS (ACTUAL MM)	17-7/8" H x 119-5/16" L (455MM H x 3030MM L)
THICKNESS (ACTUAL MM)	5/8 (16MM)
WEIGHT (LBS. PER PANEL)	57.3
WEIGHT (LBS. PER SQ. FT.)	3.8
EXPOSED COVERAGE (SQ. FT. PER PANEL)	14.81 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [29.62 SQ. FT.]



AWP 3030 CAN BE INSTALLED HORIZONTALLY OR VERTICALLY.

INDUSTRIALBLOCK SPECS

AWP 3030

DIMENSIONS (ACTUAL MM)	17-7/8" H x 119-5/16" L (455MM H x 3030MM L)
THICKNESS (ACTUAL MM)	5/8 (16MM)
WEIGHT (LBS. PER PANEL)	57.3
WEIGHT (LBS. PER SQ. FT.)	3.8
EXPOSED COVERAGE (SQ. FT. PER PANEL)	14.81 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [29.62 SQ. FT.]



AWP 3030 CAN BE INSTALLED HORIZONTALLY OR VERTICALLY.

Put a fresh face on industrial chic.

Take back your time with the Nichiha Concrete Series. Designed to mimic the natural texture of concrete, our two panels offer distinct textures and styles to fit your creative vision. Plus, with the power of fiber cement, you can enjoy the look and feel of concrete without the curing times, cracking or color inconsistency.

IndustrialBlock™ offers a distressed design with all the irregularities and characteristics of natural concrete. It can pair seamlessly with a wide range of products, whether you are aiming for a modern or vintage vibe. EmpireBlock™ delivers the look and feel of precast concrete block with a modern twist. Perfect for indoor environments as well as exterior cladding, it features a unique dimple that defines the look of industrial chic.

Both sets of lightweight panels can be installed vertically and horizontally, covering approximately 15 square feet per panel, and have the durability you've come to expect from Nichiha.



EMPIREBLOCK



EMPIREBLOCK

Find a cure for the common project with THE KURASTONE SERIES



STACKEDSTONE | ILLUMINATION | VINTAGEWOOD

STACKEDSTONE



DESERT



MOUNTAIN

LEDGESTONE



BLUFF

STACKEDSTONE CORNER



LEDGESTONE CORNER



SILL-CHISELED



GRAY



TAN

STACKEDSTONE AND LEDGESTONE SPECS

DIMENSIONS (ACTUAL MM)	6"H x 25-5/8"L, 15-3/8"L, 10-1/4"L (150MM H x 650MM L, 390MM L, 260MM L)
THICKNESS (ACTUAL MM)	1-3/8" (35MM)
WEIGHT (LBS. PER SQ. FT.) - STACKEDSTONE	8.9
WEIGHT (LBS. PER SQ. FT.) - LEDGESTONE	9.2
COVERAGE (SQ. FT. PER PANEL)	1.1 (LARGE), .63 (MEDIUM), .43 (SMALL)
PACKAGING (SQ. FT. PER PACK)	5.4
PACKAGING (PIECES PER PACK)	3 LARGE, 2 MEDIUM, 2 SMALL

STACKEDSTONE AND LEDGESTONE CORNERS SPECS

DIMENSIONS (ACTUAL MM)	6"H x 5"W x 13"L [FACE] (150MM H x 125MM W x 330MM L [FACE])
THICKNESS (ACTUAL MM)	1-3/8" (35MM)
WEIGHT (LBS. PER PIECE) - STACKEDSTONE	6.7
WEIGHT (LBS. PER PIECE) - LEDGESTONE	8.5
COVERAGE (SQ. FT. PER PIECE)	.75
PACKAGING (SQ. FT. PER PACK)	3
PACKAGING (PIECES PER PACK)	4

SILL-CHISELED SPECS

DIMENSIONS (ACTUAL MM)	1-1/2"H [FRONT]/1-3/4"H [BACK] x 23-5/8"L (38MM H [FRONT]/47MM H [BACK] x 600MM L)
THICKNESS (ACTUAL MM)	2-3/8" (60MM)
WEIGHT (LBS. PER LN. FT.)	3.5
COVERAGE (LN. FT. PER PIECE)	2
PACKAGING (LN. FT. PER PACK)	12
PACKAGING (PIECES PER PACK)	6

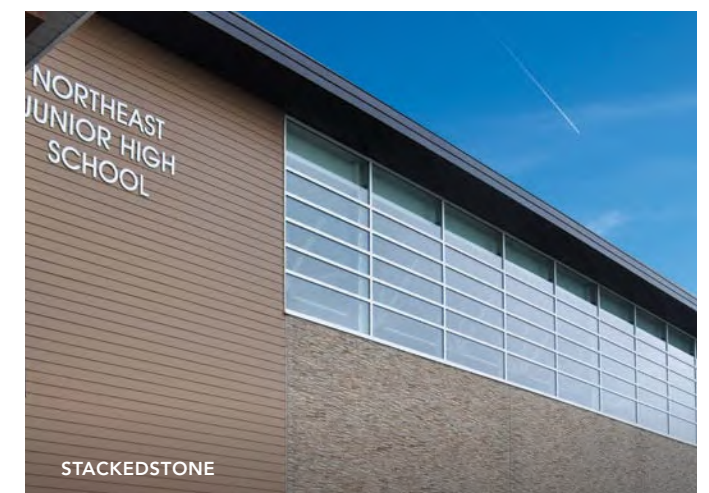
NOTE: SILLS ARE PACKAGED WITH 14 INSTALLATION CLIPS.

Achieve the look of stacked stone without piling on cost.

The Nichiha KuraStone™ family of products gives you the rustic stacked stone look you've been wishing for — without breaking your budget. Its rugged texture and color variation add interest and charm as an accent or as the main attraction for a building, and the wide variety of finishes and panel sizes provide a natural look no matter where you use them. Plus, the reduced material cost and simplified installation come together to save you time and money.



LEDGESTONE | CANYONBRICK



STACKEDSTONE

Bring the classic to the present with THE BRICK SERIES

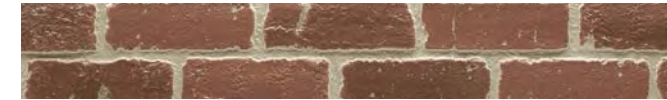


PLYMOUTHBRICK | ARCHITECTURALBLOCK

Get a timeless brick finish without the traditional hassle.

The slight variations in color, the stately good looks, the grout lines — it's all there in the Nichiha Brick Series. Thanks to a proprietary multi-layered coating process, the beauty of brick is built to last in these fiber cement panels. With five finishes, you have the freedom to create the brick building of your choice without the extra cost or hassle. These panels really do have it all; however, we did leave out the tons of weight and the extra time required to see your project to completion. We figured they wouldn't be missed.

VINTAGEBRICK™



ALEXANDRIA BUFF



WHITE WASH

VINTAGEBRICK™ SPECS	AWP 1818
DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455 MM H x 1818 MM L)
THICKNESS (ACTUAL MM)	3/4" (18 MM)
WEIGHT (LBS. PER PANEL)	39.6
WEIGHT (LBS. PER SQ. FT.)	4.4
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]

CANYONBRICK™



SHALE BROWN

CANYONBRICK™ SPECS	AWP 1818
DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455 MM H x 1818 MM L)
THICKNESS (ACTUAL MM)	5/8" (16 MM)
WEIGHT (LBS. PER PANEL)	35.2
WEIGHT (LBS. PER SQ. FT.)	3.9
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]

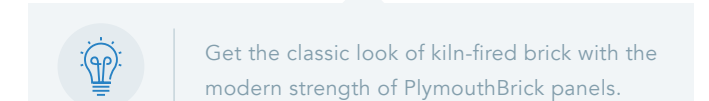


PLYMOUTHBRICK

PLYMOUTHBRICK™



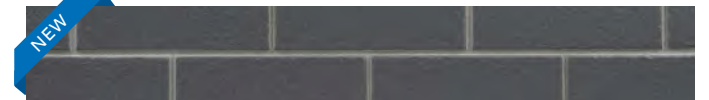
CRIMSON



Get the classic look of kiln-fired brick with the modern strength of PlymouthBrick panels.

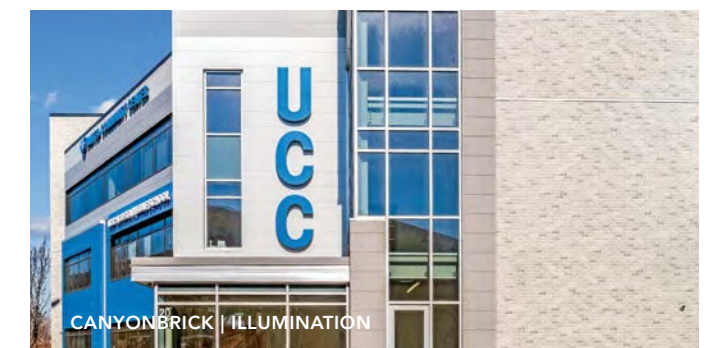
PLYMOUTHBRICK™ SPECS	AWP 1818
DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455 MM H x 1818 MM L)
THICKNESS (ACTUAL MM)	5/8" (16 MM)
WEIGHT (LBS. PER PANEL)	35.2
WEIGHT (LBS. PER SQ. FT.)	3.9
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]

MODERNBRICK™



MIDNIGHT

MODERNBRICK™ SPECS	AWP 1818
DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455 MM H x 1818 MM L)
THICKNESS (ACTUAL MM)	5/8" (16 MM)
WEIGHT (LBS. PER PANEL)	36.6
WEIGHT (LBS. PER SQ. FT.)	4.1
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]



CANYONBRICK | ILLUMINATION



Gain rock solid solutions with
THE MASONRY SERIES

SANDSTONE



AUTUMN BROWN



DESERT BEIGE



GENTLE GRAY

SANDSTONE SPECS

AWP 1818

DIMENSIONS (ACTUAL MM)	17-7/8" H x 71-9/16" L (455MM H x 1818MM L)
THICKNESS (ACTUAL MM)	3/4 (18MM)
WEIGHT (LBS. PER PANEL)	39.68
WEIGHT (LBS. PER SQ. FT.)	4.41
EXPOSED COVERAGE (SQ. FT. PER PANEL)	8.88 SQ. FT.
PACKAGING (PIECES PER PACK)	2 [17.76 SQ. FT.]



NO MORTAR, NO MESS

Prefinished panels eliminate the need for messy mortar or costly masonry-skilled labor, while still providing a textured finish and enduring design aesthetic.

Get the beauty of stone for a fraction of the price.

Nichiha's Masonry Series makes grandeur attainable for every situation. Offering a distinct finish, this series of stone panels is as elegant as it is affordable.


With its subtle color and deep texture, our SandStone™ captures the look of limestone and adds a traditional design aesthetic to any commercial building. Covering approximately 9 square feet per panel, this finish goes up in a fraction of the time required by a crew of masonry contractors. Plus, with three color options, you have even more possibilities for customization — all backed by the power of fiber cement.




THE DETAILS MAKE THE DESIGN.


Make your project stand out with our Essential Flashing System.


In architectural design, every detail counts. Our Essential Flashing System is designed to help you remember even the smallest part so you can easily complete your project with the highest level of precision. It includes the Nichiha accessories needed to complete the fiber cement installation system and create a clean, polished look for your building.




COMPRESSION JOINT FLASHING


LENGTH	10'
(NOM. FT. ~ ACTUAL MM)	3030MM
WEIGHT (LBS. PER PIECE)	1.8
PACKAGING (LN. FT. PER PACK)	50

 CUSTOM COLOR XPRESSIONS SYSTEM AVAILABLE.



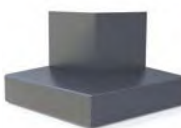
OVERHANG FLASHING

10MM	JOH 7288
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OVERHANG FLASHING INSIDE CORNER

10MM	JOH 7288 D
------	------------



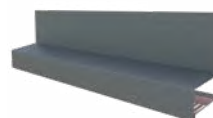
OVERHANG FLASHING OUTSIDE CORNER

10MM	JOH 7288 B
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OVERHANG FLASHING CLIP

10MM	JOH 7288 S
------	------------



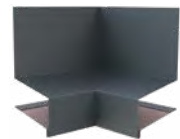
STARTER FLASHING

10MM	FTD 4788
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STARTER FLASHING OUTSIDE CORNER

10MM	FTD 4788 B
------	------------

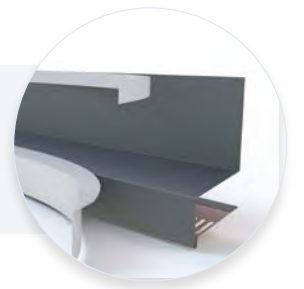


STARTER FLASHING INSIDE CORNER

10MM	FTD 4788 D
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NOTE: EACH COMPONENT OF THE ESSENTIAL FLASHING SYSTEM IS SOLD SEPARATELY.

Nichiha takes accessory protection to the next level with a **removable film layer**. Once installed, simply peel off the film to reveal blemish-free fixtures.



Our starter flashing serves a dual role — ensuring your project is polished to perfection and operating as a bug screen to keep annoying pests away.

NEVER FORGET THE LITTLE THINGS AGAIN.

Our installation hardware and accessories easily take your vision from the drawing board to reality.



ULTIMATE CLIP II WITH JOINT TAB ATTACHMENT

10MM	JEL 778
Compatible with all panels except SandStone and VintageBrick	
10MM	JEL 788
Compatible with SandStone and VintageBrick only	



ULTIMATE HORIZONTAL STARTER TRACK (10')

10MM	FA 700
------	--------



ULTIMATE VERTICAL STARTER TRACK (10')

10MM	FA 710 T
------	----------



SINGLE FLANGE SEALANT BACKER (6.5')

10MM	FHK 1015 R
------	------------



DOUBLE FLANGE SEALANT BACKER (10')

10MM	FH 1015 R
------	-----------



CORRUGATED SHIM (4')

5MM	FS 1005
10MM	FS 1010



CORNERS

17 7/8" H x 3-1/2" {face}
1818 MM H X 88.9 MM {face}



KURASTONE™ CLIP

10MM	JE 720CA
------	----------



CORNER CLIP

10MM	JE 777C
Compatible with all panels except SandStone and VintageBrick	
10MM	JE 787C
Compatible with SandStone and VintageBrick only	

With our customized TAMLYN trim, your project practically finishes itself.



Nichiha's TAMLYN trim adds the finishing touches to any project. Simple and sleek, this accessory is a cost-effective and time-efficient solution to finishing corners, windows and door trims. Offering five profiles specifically designed for Nichiha's Architectural Wall Panels, TAMLYN trim provides weather-resistant coatings so you can expect low maintenance and long-lasting beauty.



CORNER KEY

DIMENSIONS (NOM. FT. ~ ACTUAL MM)	3" X 10' (76.2MM x 3030MM)
WEIGHT (LBS. PER PIECE)	3.89
PACKAGING (LN. FT. PER PACK)	50



OPEN OUTSIDE CORNER

DIMENSIONS (NOM. FT. ~ ACTUAL MM)	2.96" X 10' (75MM x 3030MM)
WEIGHT (LBS. PER PIECE)	2.98
PACKAGING (LN. FT. PER PACK)	50



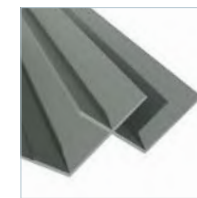
H-MOLD

DIMENSIONS (NOM. FT. ~ ACTUAL MM)	2" X 10' (50.8MM X 3030MM)
WEIGHT (LBS. PER PIECE)	2.42
PACKAGING (LN. FT. PER PACK)	50



J-MOLD

DIMENSIONS (NOM. FT. ~ ACTUAL MM)	.375" X 10' (9.5MM X 3030MM)
WEIGHT (LBS. PER PIECE)	1.4
PACKAGING (LN. FT. PER PACK)	50



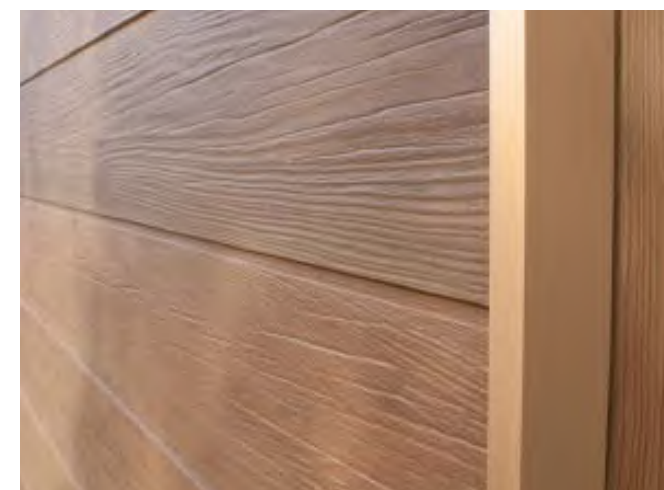
INSIDE CORNER

DIMENSIONS (NOM. FT. ~ ACTUAL MM)	3.4" X 10' (86.4MM X 3030MM)
WEIGHT (LBS. PER PIECE)	2.98
PACKAGING (LN. FT. PER PACK)	50



Our trim gives you options

Customize with color or go with our standard anodized finish.



For popular panels like VintageWood, we've made ordering easier by color matching all of our trim profiles to have in stock for fast delivery.



Thanks to our Color Xpressions System, Nichiha can customize trim to match any color you use on custom color panels.



Behind our Architectural Wall Panels is SOME SERIOUS TECHNOLOGY.

EASY INSTALLATION

Time-saving clip installation system that reduces construction time and minimizes mistakes.



NO MORTAR, NO MESS

Prefinished panels eliminate the need for messy mortar or costly masonry-skilled labor.



ANY WEATHER PRODUCT

Products can be installed year round in any climate across the country. No geographical restrictions means more possibilities.



LOW MAINTENANCE

No-fuss products. Little ongoing cleaning or regular maintenance needed. Bring your vision to life and ensure it looks great for years to come.

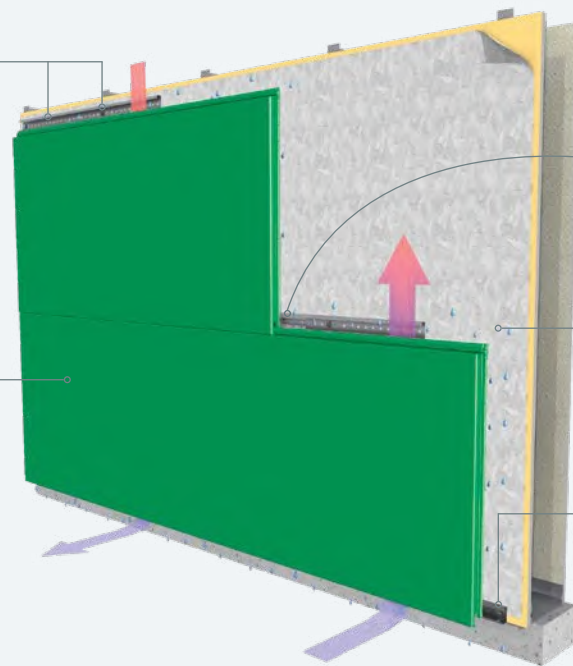


ENGINEERED FOR PERFORMANCE

Go beyond our durable panels and discover a meticulously engineered moisture management system that provides a vertical drainage point for air and moisture to exit.

THE ULTIMATE CLIP creates a hidden fastening system that all but eliminates face fastening. Installation is quick and easy and never requires specialty subcontractors.

NICHIHA ARCHITECTURAL WALL PANELS are lightweight, easy to handle and available in a virtually endless color palette and a diverse offering of textural finishes.



NICHIHA'S JOINT TAB ATTACHMENT is designed to support panel lateral stability, helping vertical joints stay tightly closed. The tab fits in place easily and is fastened to the Ultimate Clip with provided screw.

DRAINED AND BACK-VENTILATED RAINSCREEN design allows water to escape and air to circulate, reducing the risk of mold and water damage inside the building.

THE ULTIMATE STARTER TRACK pulls double-duty. It ensures a fast, level installation, and its patented drainage channel directs water out and away from the base of the wall.

Never underestimate the power of REALLY GOOD TOOLS.

Whether you are an architect, contractor, installer or builder, Nichiha ensures that you have all the information you need to make your project go as smoothly as possible. The way we see it, we are partners. Our website offers a comprehensive collection of technical information, installation videos, architectural details, in-depth specifications and everything you'll ever need to know about installing Nichiha products.



DESIGN REVIEW GUIDE

Download our quick reference guide to get an overview on our Architectural Wall Panels.

nichiha.com/docs/nichiha-guide-design-review.pdf



INSTALL DOCUMENTATION

Take an even deeper dive and download our in-depth installation guides.

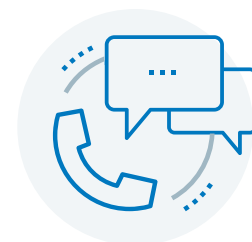
nichiha.com/resources/installation



INSTALL VIDEOS

Watch our installation instructions come to life — check out our installation videos today!

nichiha.com/commercial/install



SUPPORT

Our in-house technical team is here to assist. If you have questions, comments or concerns, call or email us.

1.866.424.4421 or technicalservices@nichiha.com

THE POWER OF POSSIBILITIES AND PARTNERSHIPS

Your creative vision is unique. That's why Nichiha offers you the power of cooperation to help your project move from conception to completion. Our ever-expanding offering of textures and finishes lifts buildings to new and unexpected places, and we want to share them with you. We place a high value on our relationships and are proud to work with our dedicated partners across the country. Join us to discover the power of possibilities and partnerships with Nichiha.



NICHIHA WARRANTIES

- ARCHITECTURAL WALL PANELS
15-year limited warranty* on panels
15-year limited warranty* on finish
- KURASTONE™ PANELS
15-year limited warranty* on panels
10-year limited warranty* on finish
- METAL TRIM
TAMLYN warrants defective-free products for a period of 10 years for the original purchaser. Please visit tamlyn.com for detailed information on terms, conditions and limitations.

*See Nichiha warranties for detailed information on terms, conditions and limitations. Visit nichiha.com for easy downloadable warranties or call toll-free 1.866.424.4421 for a copy.

Nichiha MSDS is available at nichiha.com, at your local NICHIHA dealer or call Nichiha direct, toll-free 1.866.424.4421.

CERTIFICATION & TESTING



CCRR-0299
CCRR-0290



Report
No. EC-58



Canada CCMC
14132-R



Report
No. FL12875
No. FL12812



NOA 18-0522.05



WUI 8140-2029



RR 26081



SILICA DUST WARNING: Nichiha products may contain some amounts of crystalline silica [a.k.a. sand, silicon dioxide], which is a naturally occurring mineral. The amount will vary from product to product. Inhalation of crystalline silica into the lungs and repeated exposure to silica can cause health disorders, such as silicosis, lung cancer, or death depending upon various factors. To be conservative, Nichiha recommends that whenever cutting, sawing, sanding, sniping or abrading the product, users observe Safety Instructions. For further information or questions, please consult the MSDS, your employer, or visit osha.gov/SLTC/silicacrystalline/index.html and cdc.gov/niosh/topics/silica. The MSDS for Nichiha products are available at nichiha.com, at your local Nichiha dealer or through Nichiha directly at 1.866.424.4421. FAILURE TO ADHERE TO OUR WARNINGS, MSDS, AND OTHER INSTRUCTION MAY LEAD TO SERIOUS PERSONAL INJURY OR DEATH.

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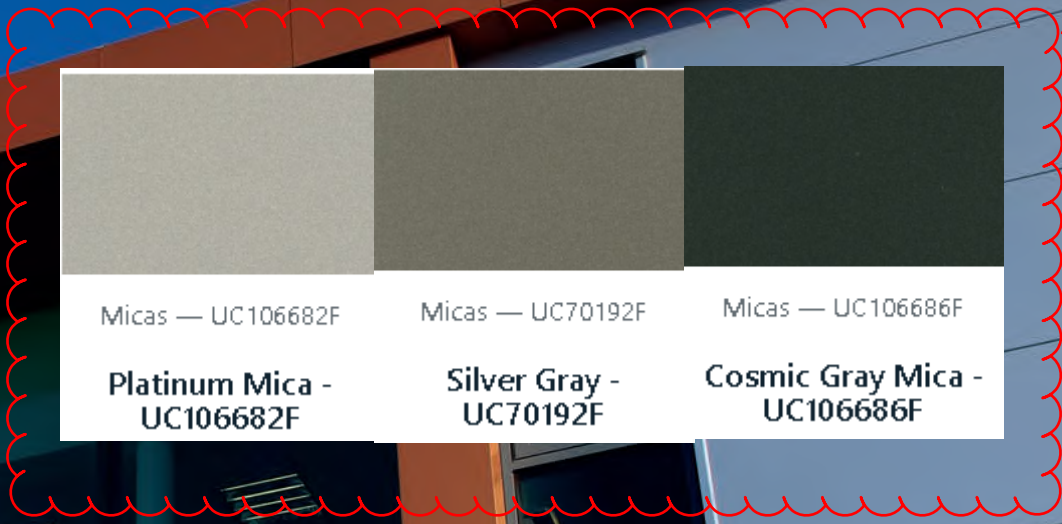
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BENCHMARK

by Kingspan

Selected Kynar Color Finish




Product Portfolio

—
Engineered
Façade Systems


—
North America

A turning point in building design

BENCHMARK By Kingspan has partnered with market leading manufacturers to provide engineered façade systems, designed with the ability to support a wide range of options including ACM, ceramic tile, porcelain stone and thin-brick. In an endless choice of colors, providing a striking finish that will give buildings a modern, stylized appearance.



Integrated joint and rails to minimize through-fastening penetrations



Single-source solution providing consistency and less project coordination



Design flexibility allowing a variety of fascia / cladding materials

Energy efficient, high performance building envelope

Increased build speed to allow interior trades to begin work sooner

01

Introduction

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02

Façade Systems

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Porcelain Stone Façade System	24

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System Comparison

Engineered Façade System

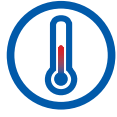
These façade systems utilize the same advanced insulated panel technology that delivers a high performance building envelope, and at the same time reduces complexities in constructibility and design. Once our KarrierRail system has been installed, the building is fully weathertight, allowing internal fit-out to commence and removing the façade installation from the critical path. When compared to traditional multi-component façade systems, BENCHMARK By Kingspan's Engineered Façade Systems provide benefits in a number of areas.



Fire



Structural



Thermal



Wind

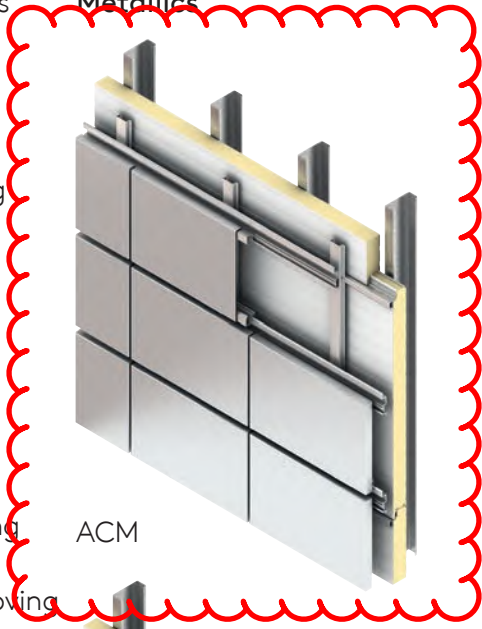


Water

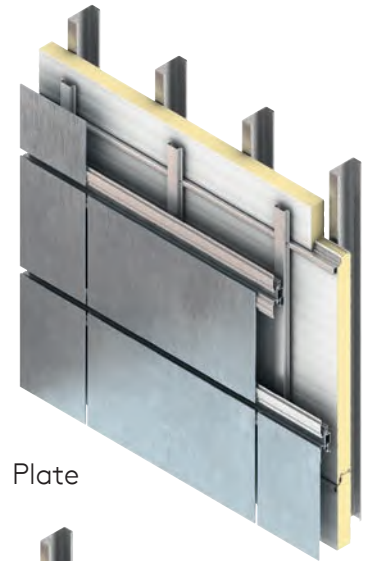


Acoustic

Metallics



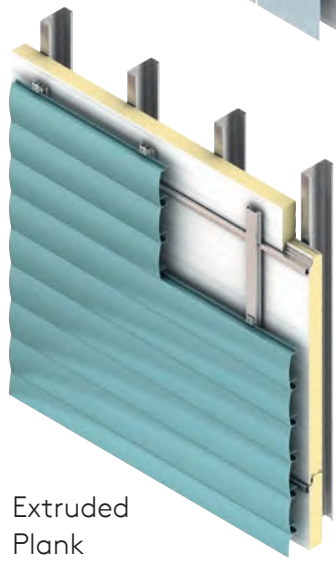
ACM



Plate

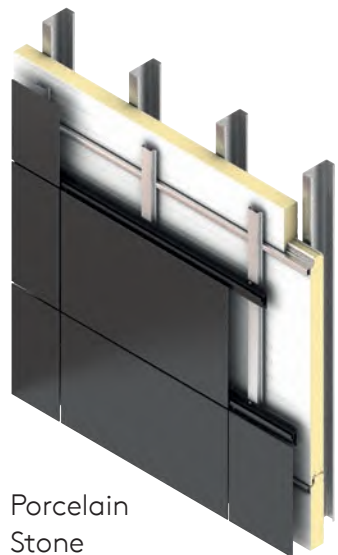


MCM

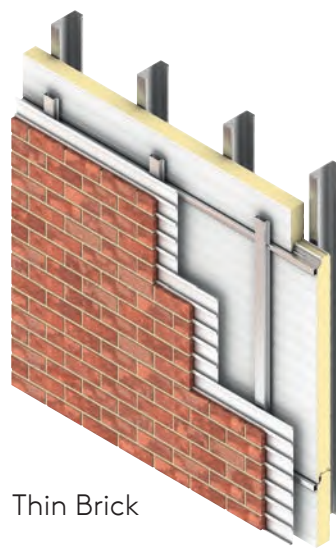


Extruded Plank

Non-Metallics



Porcelain Stone



Thin Brick



KarrierPanel System

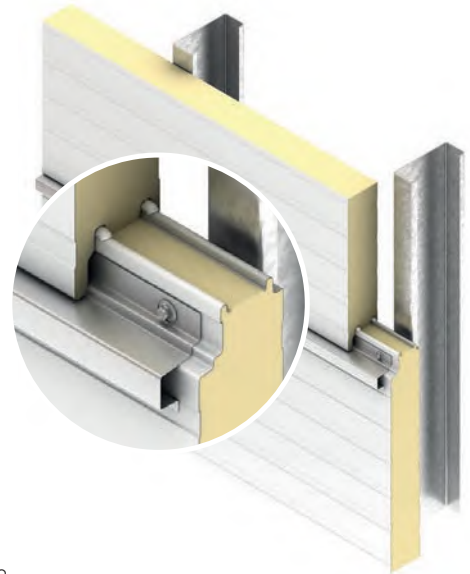
Unique KarrierRail

KarrierPanel utilizes a unique, Kingspan designed rail. This stable and secure structural rail safely transmits positive and negative live and dead loads from the multiple façades through panel and rail fasteners to the structural supports behind the insulated panels.

Additional fasteners securing the exposed rail edge provide extra fastening capacity and stability to the rail. The rail has been developed to fully integrate with Kingspan's KS series panel joint. This rail system does not penetrate the air vapor barrier and enables multiple types of rain screens to be attached to the KarrierPanel rail, ranging from brick to single skin metal.

Product Specification

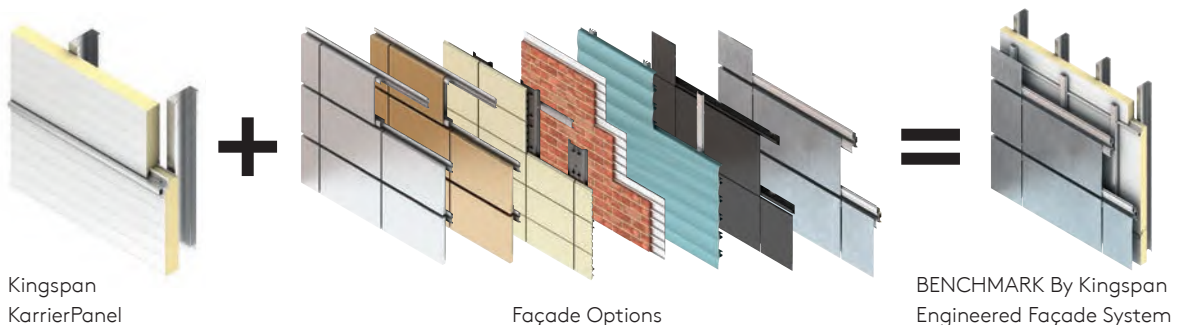
Profile	Exterior: Shadowline or flat Interior: Shadowline
Embossing	Exterior: Stucco or non-embossed Interior: Stucco or non-embossed
Gauge	Exterior: 26, 24, 22 ga Interior: 26, 24, 22 ga
Width	24", 30", 36", 40", 42"
Thickness	2", 2.5", 3", 4", 5", 6"
Length	8' - 53'
Reveal option	3/8" to accommodate rail
Orientation	Vertical or horizontal
Post fabrication	N/A
R-value	≈ 7.2 per inch per ASTM C518 @ 75°F ≈ 8.25 per inch per ASTM C518 @ 35°F



System Benefits

- Totally thermally broken
- Meets ASHRAE 90.1
- Fast to install - ensures weathertightness as soon as installed
- Easy to integrate - flexibility for unique design
- Fully guaranteed - for total peace of mind
- Single sourced solution - consistency and less coordination

Installation is quick, simple and easy, as the rail is installed during normal panel installation, and is secured using standard panel fasteners in a one step procedure. The standard rail configuration is 16 gauge Galvalume, 50 KSI steel. Available in various lengths with a bearing surface to accommodate a variety of façade options.



Customer Options

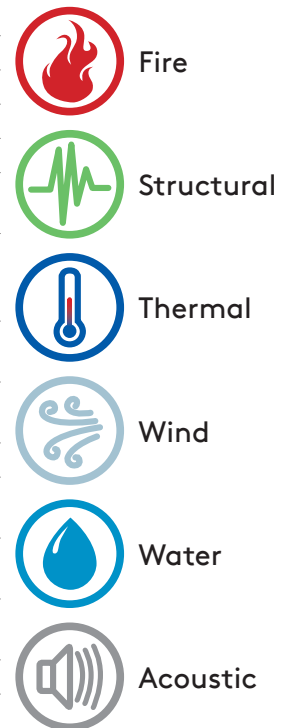
Kingspan offers a full spectrum of vibrant colors for every color scheme. The high performance coatings provide long-life protection, color and gloss retention. Custom color matching is available to meet individual building designs and creative freedom.



Performance Testing and Approvals

Kingspan insulated panels meet specific building envelope performance criteria and requirements stipulated by US and Canadian building codes.

Test	Procedure	Results
Fire	ASTM E84	Flame spread: <25, smoke developed <450
	CAN/ULC-S102	Flame spread: 20, Smoke developed: 350 for panel with facings
	CAN/ULC-S127	Flame spread: <500 for foam core
	NFPA 259	Tested for potential heat of building materials
	NFPA 268	Passed: standard test method for determining ignitability of exterior wall assemblies using a radiant heat energy source
Structural	NFPA 285	Passed: standard fire test method for evaluation of fire propagation characteristics of exterior non-load-bearing wall assemblies containing combustible components
	ASTM E72	Vacuum chamber tested. Panel load / span and deflection tables are available
	ASTM C518	R-value per inch = 7.2 h.ft ² .°F/Btu.in
Thermal Performance	ASTM C518	R-value per inch = 7.2 h.ft ² .°F/Btu.in
Air Infiltration	ASTM E283	0.003 CFM/ft ² of panel area at 6.24 psf
Water pressure	ASTM E331	No uncontrolled water penetration at 20 psf differential
	AAMA 501.1	Dynamic water pressure testing – no sign of water leakage at 15 psf
Fatigue Tests	Cyclic test to positive	The panels exceeded 2 million alternate cycles without failure or damage and negative wind loading to ± L/180 deflection
Bond Strength	ASTM D1623	Panels tested for tensile bond strength of metal to foam
		Sample placed in an autoclave device and pressurized to 2 PSI at 212 °F for 2½ hrs
		No skin delamination with direct pull off pressure up to 1188 psf



ACM / MCM Façade Systems

Product Specification

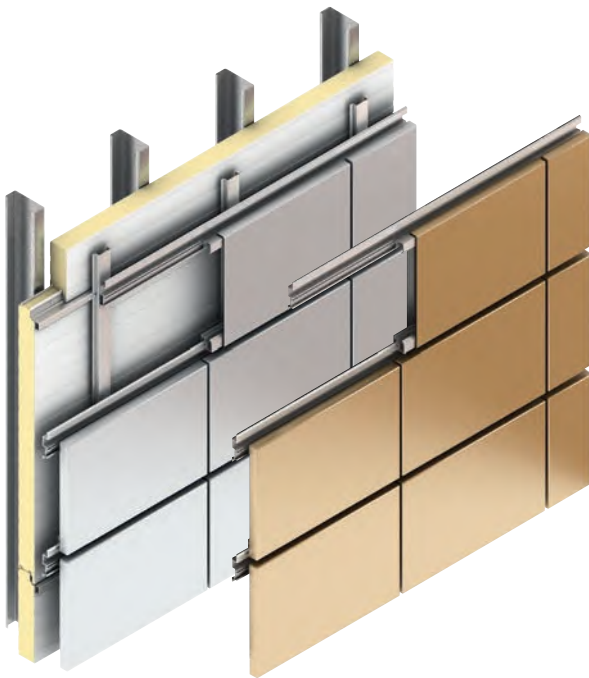
BENCHMARK's ACM and MCM façade systems provide a striking finish that gives buildings a modern stylized appearance which is virtually maintenance free.

ACM is a lightweight composite material, consisting of two aluminum cover sheets and a fire rated core. It is a simple and versatile product which delivers a weather resistant, unbreakable and shock resistant façade which is very easy to install.

ACM is available in a wide range of colors to provide your project with eye catching designs.

MCM (Metal Composite Material) consists of two metal cover sheets and a fire rated core. The commonly used metals are Zinc, Stainless Steel, or Copper, but other specialty metals are available.

MCM comes in a nearly limitless array of colors, finishes, reveals, and sizes to customize your building exactly to your design intent.



Designed and engineered for building code compliance and tested to industry standards

Rivetless and concealed fastener options

Systems are designed specifically to fit your project needs



Natural finishes available: wood, mineral, granite, patina and stone paint

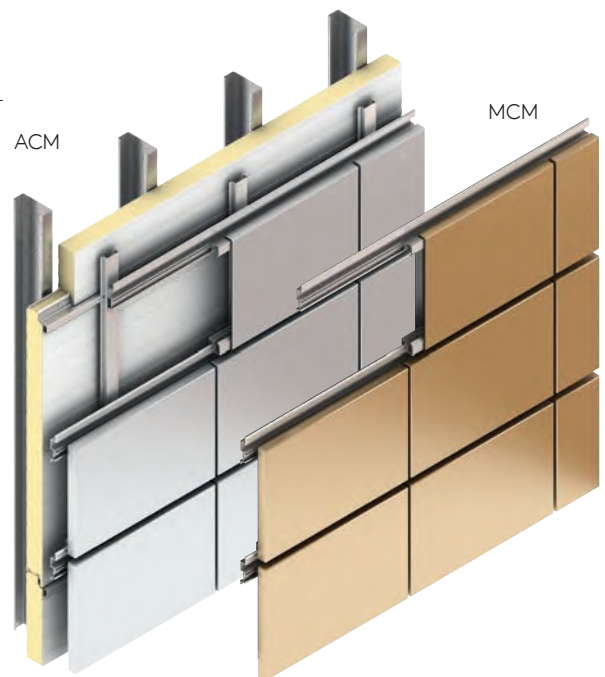
Façade systems are specifically designed for adaptability and performance

Kynar-coated, powder-coated and epoxy paint systems, wood grains, prints and anodized finishes for aluminum products

ACM / MCM Façade Systems



BENCHMARK's ACM and MCM Façade Systems provide a striking finish that gives buildings a modern stylized appearance which is virtually maintenance free.



ACM is a lightweight composite material, consisting of two aluminum cover sheets and a fire rated core. It is a simple and versatile product which delivers a weather resistant, unbreakable and shock resistant façade which is very easy to install.

ACM is available in a wide range of colors to provide your project with eye catching designs.

MCM (Metal Composite Material) consists of two metal cover sheets and a fire rated core. The commonly used metals are zinc, stainless steel, or copper, but other specialty metals are available.

MCM comes in a nearly limitless array of colors, finishes, reveals, and sizes to customize your building exactly to your design intent.



1. BENCHMARK By Kingspan Insulated Metal Panel (Barrier Wall)
2. BENCHMARK By Kingspan KarrierRail
3. Aluminum Composite Material (ACM) panel rout and return edge
4. Aluminum Composite Material (ACM) spline
5. Aluminum Composite Material (ACM) continuous extrusion
6. Aluminum Composite Material (ACM) clip

Color Coating Benefits

- Excellent corrosion resistance
- Maintenance free for up to 30 years
- Coating highly resistant to UV light
- Abrasion and impact resistant

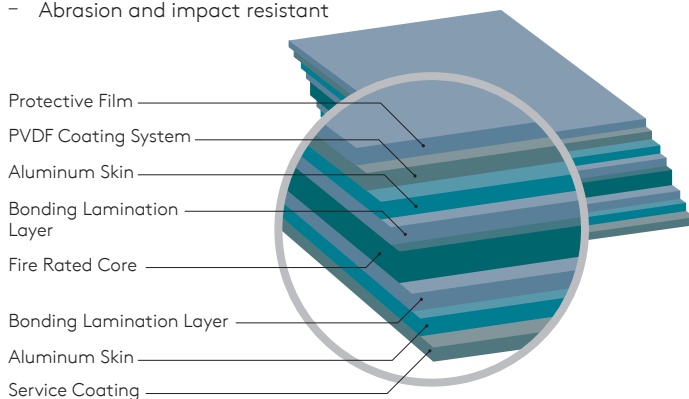
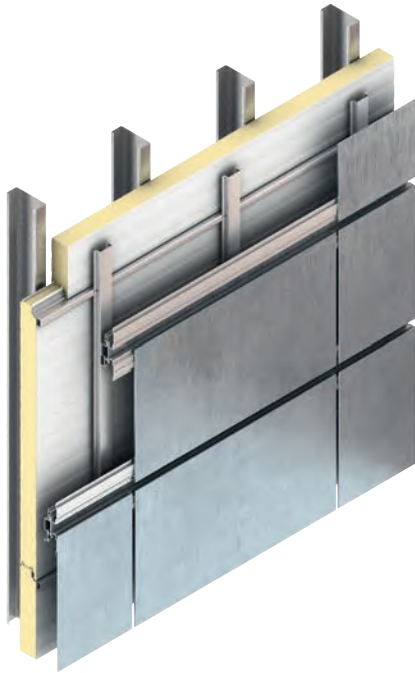


Plate Façade System

Product Specification

BENCHMARK By Kingspan's Plate façade system provides a colorful range of options. Not just aesthetically pleasing, this building façade system has been engineered to be extremely durable and highly resistance to impact damage.

Also built with flexibility in mind, BENCHMARK By Kingspan's Plate can easily be installed horizontally or vertically as well as integrated with traditional construction methods and building systems.



Wide array of materials available (aluminum, stainless steel, copper, zinc and specialty metals)

Façade systems are specifically designed for adaptability and performance
Systems are designed specifically to fit your project needs

Nearly limitless design flexibility (custom color, finishes, reveals, custom designs)
Rivetless and concealed fastener options



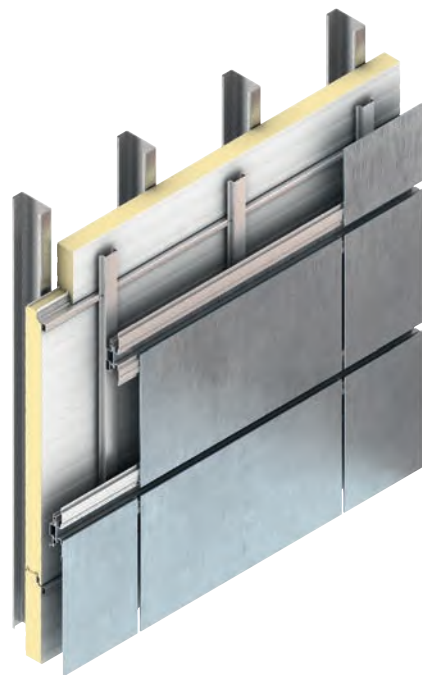
Designed and engineered for building code compliance and tested to industry standards



Plate Façade System



BENCHMARK By Kingspan's Plate Façade System provides a colorful range of options.



- Variations in joint width, depth, pattern and materials
- True radius panels a design option
- All metallic materials available in this system
- All materials back-routed for clean, crisp fold lines
- Route reinforcement incorporated at all panel bend locations
- Shallow vs. deep full perimeter extrusion framework options
- Rivetless and concealed fastener options
- Clips installed on 2 sides of each panel



1. BENCHMARK By Kingspan Insulated Metal Panel (Barrier Wall)
2. BENCHMARK By Kingspan Karrier Rail
3. Plate Panel Rout and Return Edge
4. Plate Panel Spline
5. Plate Panel Continuous Extrusion
6. Plate Panel Clip

Color Coating Benefits

BENCHMARK By Kingspan provides a wide range of color options and finishes including:

- Custom color matching available
- Natural finishes available: wood, mineral, granite, patina and stone paint
- Kynar-coated, powder-coated and epoxy paint systems, wood grains, prints and anodized finishes for aluminum products
- Anodized, custom patinas and mechanical finishes for specialty metals
- Ability to withstand extreme temperatures and humidity removing geographic limitations



NOTE: The above colors are not a comprehensive list of the available colors and textures. To see the full color offering please reach out to your BENCHMARK By Kingspan representative.

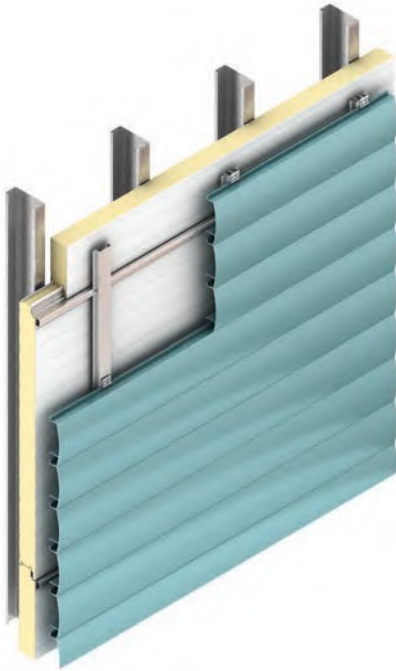
Extruded Plank

Façade System

Product Specification

BENCHMARK By Kingspan's Extruded Plank Façade system is highly attractive, durable, and versatile in its applications, delivering a very modern finish while being able to integrate seamlessly with traditional architectural looks.

Plank is also available in 6 standard profiles each available in a wide range of colors, finishes, and sizes. This system has been designed to provide a quicker and easier installation process, with a simple clip fastening system allowing for rapid installation.



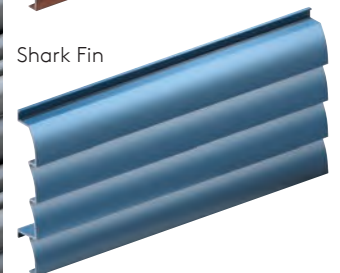
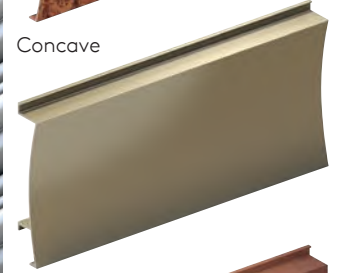
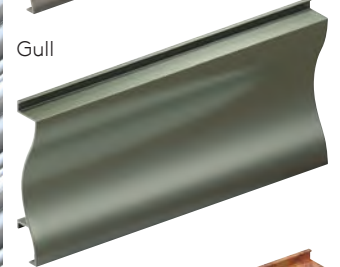
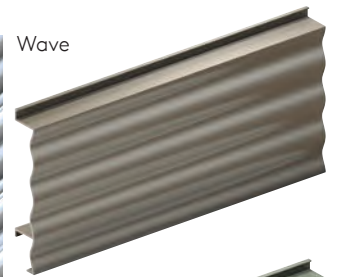
Ability to design a completely custom plank to fit your specific project allows for truly one-off designs / projects

Available in a wide variety of colors, textures, finishes, profiles

Features clip fastening system for rapid installation process

Custom designs are available

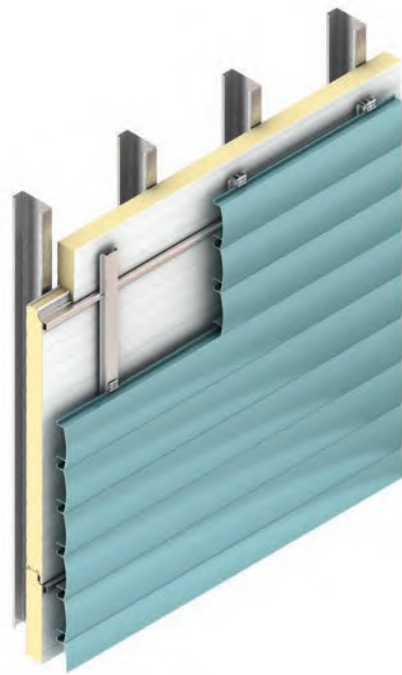
The truly unique aspect of Extruded Plank is the ability to design your own Plank specific to your project. This enables you to create a design that will be exclusive to your project for a truly one of a kind aesthetic experience.

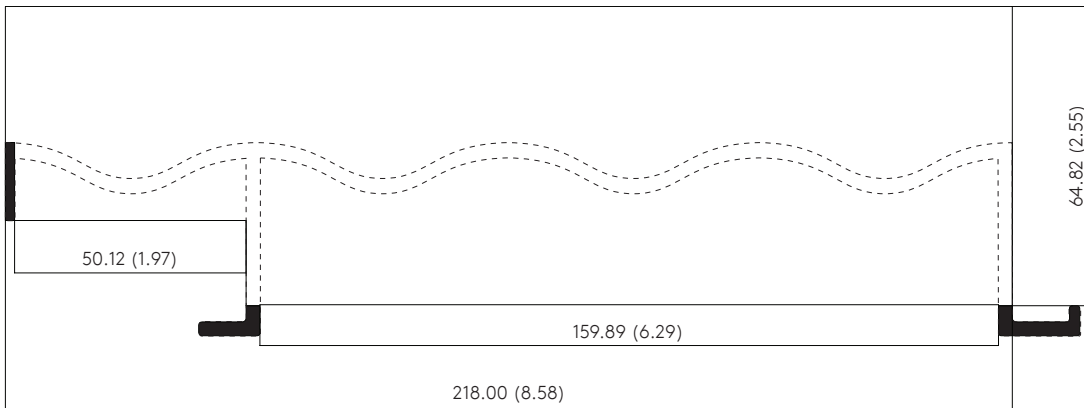


Extruded Plank Façade System

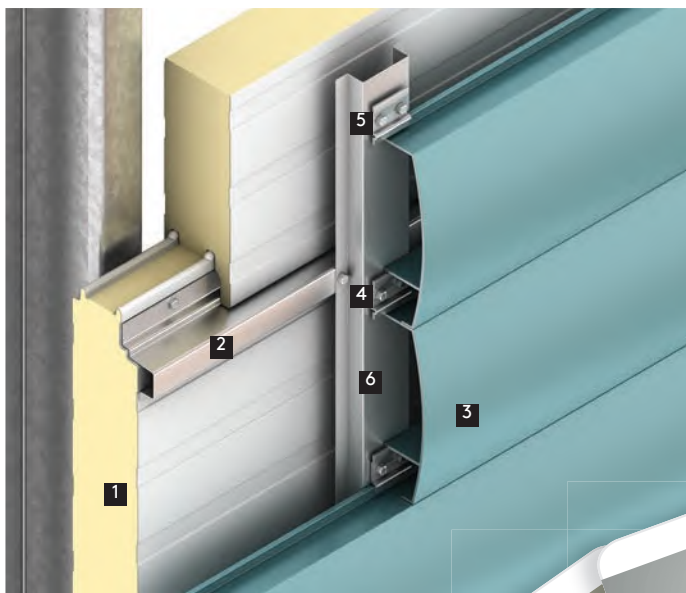


BENCHMARK's Extruded Plank Façade System is highly attractive, durable, and versatile in its applications, delivering a very modern finish while being able to integrate seamlessly with traditional architectural looks.





*For custom Plank designs, please consult your BENCHMARK By Kingspan representative for minimum order quantities and lead times.



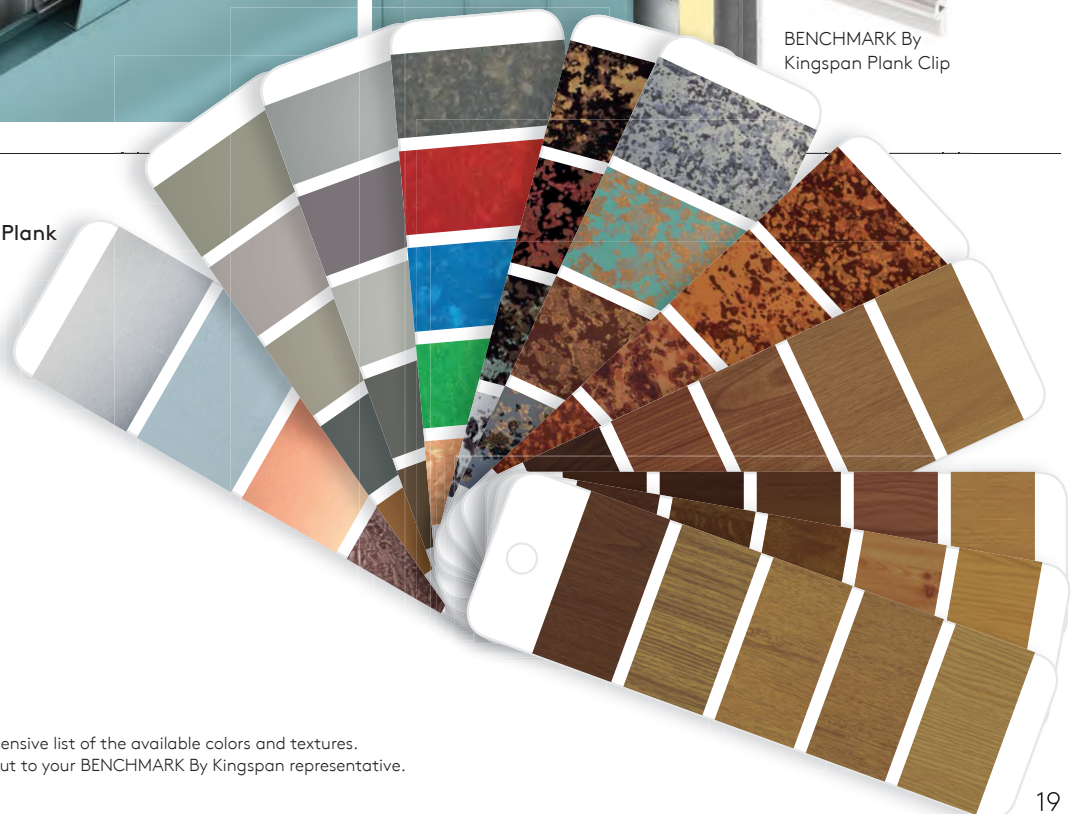
1. BENCHMARK By Kingspan Insulated Metal Panel (Barrier Wall)
2. BENCHMARK By Kingspan KarrierRail
3. BENCHMARK By Kingspan Extruded Plank Façade
4. BENCHMARK By Kingspan Extruded Plank Clip
5. Fastener
6. Subgirt secondary rail



Color Palette

You can create your own custom Plank

This is a feature that allows you to create a truly aesthetically unique building. This is a design that you won't see recreated on any other building anywhere in the world.



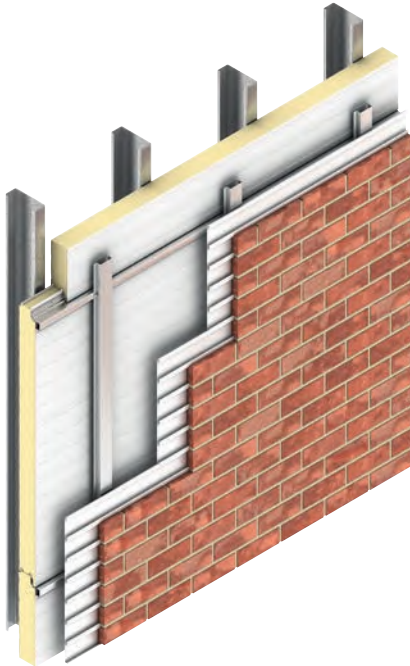
NOTE: The above colors are not a comprehensive list of the available colors and textures. To see the full color offering please reach out to your BENCHMARK By Kingspan representative.

Thin Brick Façade System

Product Specification

BENCHMARK By Kingspan's Thin Brick Façade Systems are a modern interpretation of a classic look utilizing eye catching finishes to create uniquely styled buildings. This façade system combines the classic and timeless brick appearance with the superior performance and durability of insulated metal panels.

Both the bricks and the mortar, are available in a wide range of colors, textures and finishes as well as the ability to match custom colors. BENCHMARK By Kingspan's Thin Brick light weight system is faster and easier to install than a traditional brick system as well as decreasing a building's overall demand for energy.



Design Flexibility:
various profiles,
textures, colors,
mortars

Fast and simple
installation process



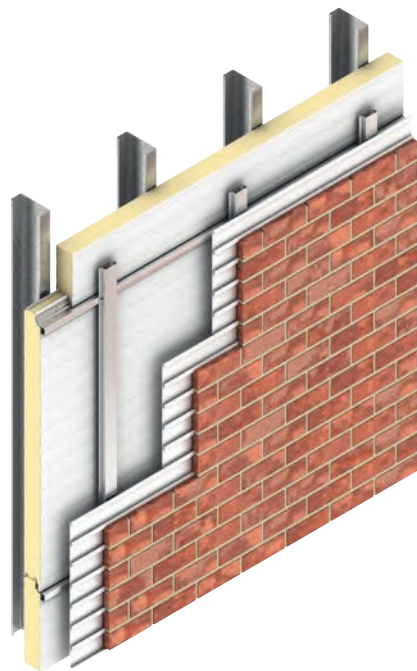
System Benefits

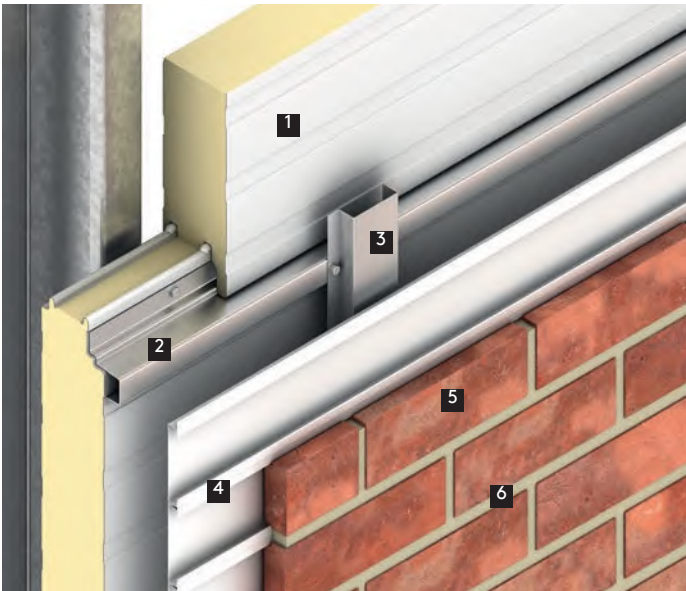
- Design flexibility: various profiles, textures, colors, mortars
- Horizontal and Vertical application
- Fast and simple installation process
- Bricks are held in place by steel rails to form permanent mechanical bond
- Bricks require no adhesives to be held in place
- Bricks are produced in the same manner as traditional building brick

Thin Brick Façade System



BENCHMARK's Thin Brick Façade System is a modern interpretation of a classic look utilizing eye catching finishes to create uniquely styled buildings.





- 1 BENCHMARK By Kingspan Insulated Metal Panel (Barrier Wall)
- 2 BENCHMARK By Kingspan CarrierRail
- 3 Subgirt Secondary Rail
- 4 Thin Brick Rail
- 5 Thin Brick
- 6 Thin Brick Mortar



Color Palette

BENCHMARK By Kingspan offers a multitude of options for the Thin Brick system:

Extruded bricks are a commercial style brick, uniform in size, available in a wide range of colors and textures, ranging from wire cut to tile like smooth.

Molded texture bricks are machine-molded and feature a traditional molded texture.

Antique texture bricks are also machine-molded, but have a more distinctive, weathered appearance.

Handmade texture bricks are hand-molded with a very distinctive texture and possess a rustic look.

We provide a wide array of colored bricks. In addition we offer a variety of standard mortar options as well as custom color matching for truly unique buildings.

Thin Brick Mortar Choices



NOTE: The above colors are not a comprehensive list of the available colors and textures. To see the full color offering please reach out to your BENCHMARK By Kingspan representative.

Porcelain Stone Façade System

Product Specification

BENCHMARK By Kingspan's Porcelain Stone Façade System delivers the beauty and variation of natural stones like granite, marble, and limestone without the long term maintenance concerns of a traditional stone system. Unlike traditional stone, Porcelain Stone is exceptionally lightweight.





Porcelain Stone Façade System



BENCHMARK Porcelain Stone Façade System delivers the beauty and variation of natural stones like granite, marble, and limestone without the long term maintenance concerns of a traditional stone system.





- 1 BENCHMARK By Kingspan Insulated Metal Panel (Barrier Wall)
 - 2 BENCHMARK By Kingspan KarrierRail
 - 3 BX horizontal rail
 - 4 Structural framing
 - 5 Porcelain Stone façade panel
- Standard finished size = 47.16" x 23.54"

Color Palette

Finish Options

Natural: Porcelain Stone is supplied in its natural state in a smooth or structured finish.

Semi-Luster: A patented pre-polishing process is used before the Porcelain Stone slabs are fired to provide a semi-luster finish, revealing veining within the material.

Honed: The surface of the Porcelain Stone is abraded with diamond coated grinding equipment to achieve a honed finish.

Polished: The surface of the Porcelain Stone is abraded with diamond coated grinding equipment to create a brilliant high gloss polished finish.

Metallic: The Porcelain Stone is impregnated with special oxides and minerals which fuse together during firing to create a metallic semi-luster finish.

NOTE: The above colors are not a comprehensive list of the available colors and textures. To see the full color offering please reach out to your BENCHMARK By Kingspan representative.



Higher Building Performance
with Kingspan

It's all in the gray cells

QuadCore™ Technology is Kingspan's next generation of self-blended hybrid insulation core. Across the world of insulated panels, this innovation with its distinctive gray microcells powers the industry's highest combined performance:

- Unrivalled thermal efficiency
- Superior fire protection
- Unmatched health & wellness certification
- 30-year thermal warranty

QuadCore™ Technology, together with our end-to-end services and whole building design know-how, takes Kingspan buildings to a higher level of lifetime performance, and delivers the ultimate protection for our partners, their buildings, and the environment for future generations.



POWERED BY
QuadCore™
TECHNOLOGY

1

Unrivalled Thermal Efficiency

QuadCore™ Technology is certified as the most thermally efficient closed-cell insulation core on the market.

Lifetime performance and value benefits

- The class-leading R-value of R-8.0 per inch has the potential to reduce HVAC size, and lower both energy consumption and carbon emissions.
- QuadCore™ Technology is a more streamlined solution relative to other insulation materials with associated benefits in interior space optimization, for specific transport, and ease of handling during construction.

2

Superior Fire Protection

The hybrid nature of QuadCore™ Technology delivers a range of improvements in fire performance which surpass all other insulated panel systems incorporating closed-cell insulation materials.

Lifetime performance and value benefits

- For any building owner that wants the best protection against the impact of fire, the unique low smoke characteristics of QuadCore™ Technology provide the optimum solution.
- QuadCore™ Technology also delivers improved fire resistance ratings leading to more cost-effective installations due to economies in steelwork and fixing, in certain applications.

3

Unmatched health & wellness certification

The improved thermal performance of QuadCore™ Technology helps to optimize resource efficiency. It is also CFC, HCFC, HFC free and has a very low Global Warming potential.

Lifetime performance and value benefits

- None of the chemical ingredients present in Kingspan's QuadCore™ foam are included on the ILFI Declare Red List.
- C2C Silver material health certified
- Greenguard Gold certified



4

30-year thermal warranty

The inimitable science behind QuadCore™ Technology and comprehensive independent third-party testing has delivered the industry an unparalleled 30-year thermal performance warranty.

The Blueprint for finishes



BENCHMARK By Kingspan offers a wide selection of specialty finishes for architectural building envelope solutions.




BENCHMARK
By Kingspan

BUILDING ENVELOPE
SOLUTIONS



BENCHMARK
by Kingspan

Columbus, OH 888-332-5862
Caledon, ON 866-442-3594

www.BENCHMARKbyKingspan.us
www.BENCHMARKbyKingspan.ca



Discover a whole new
SIDE OF HOME.

 **JamesHardie™**
Siding | Trim

Build confidently
BY DESIGN.





Installed on over 8 million homes* from coast to coast, James Hardie® fiber cement siding products are designed to resist the most extreme conditions while delivering long term beauty and lower maintenance. Enjoy the warm, natural look of wood with unprecedented peace of mind. It's easy to see what makes James Hardie the market leader.

UNIQUE FORMULATION

We use the highest quality raw materials and proprietary additives for enhanced strength and moisture protection.

FINISHING TECHNOLOGY

Baked-on color delivers a beautiful finish that resists fading and makes a lasting impression.

COMPLETE EXTERIOR

Offers homeowners an unrivaled collection of design options with exceptional warranties through a single, trusted manufacturer.

*Estimate based on total James Hardie siding sales through 2016 and average housing unit size.

CONTENTS

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HardieZone® System

Only James Hardie® fiber cement products are Engineered for Climate®. In the northern U.S. and Canada, HZ5® products resist shrinking, swelling and cracking even after years of wet or freezing conditions. HZ10® products help protect homes from hot, humid conditions, blistering sun and more.

With James Hardie® siding and trim, homeowners have an exterior that's tougher than the elements and easy on the eyes.

NO MATTER WHAT NATURE BRINGS



HardieShingle®
Straight Edge
Timber Bark



HardieTrim®
Boards
Timber Bark

HardiePlank®
Lap Siding
Khaki Brown

TOUGHER THAN THE ELEMENTS



Stands up to storms
and harsh weather



Water resistant
to protect against
swelling, warping
and cracking



Won't be eaten by
animals or insects



Fire resistant



Helps reduce time
and money spent on
maintenance

Resist the elements
WITH IRRESISTIBLE BEAUTY.

Unique Formulation

HZ5[®] Substrate

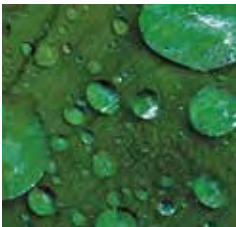
Not all fiber cement is the same. The James Hardie HZ5 product formulation contains the highest quality raw materials. Proprietary additives, combined with an innovative manufacturing process and product design, create a substrate specifically engineered to reduce moisture and resist damage from wet or freezing conditions.

PROPRIETARY ENHANCEMENTS CREATE DURABLE JAMES HARDIE[®] SIDING



Perfect balance of strength and workability

Our balance of high-quality Portland cement, sand and cellulose fiber delivers the best combination of strength and workability.



Enhanced moisture resistance for unmatched durability

Patented and proprietary additives are chemically bonded within the HZ5[®] substrate matrix to provide durable moisture resistance.

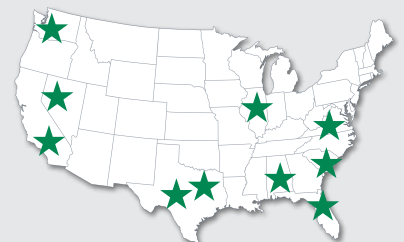


Increased dimensional stability

Our siding is engineered at the microscopic level to create a fiber cement composite with superior dimensional stability that helps protect against shrinking and splitting.



MADE IN THE
USA



Integrity is ingrained
IN EVERYTHING WE DO.

HardiePlank®
Lap Siding
Evening Blue



HZ5®

The advanced design of HZ5® lap siding improves drainage from top to bottom.

In addition to the enhanced moisture resistance of our product formulation, HardiePlank® HZ5® lap siding features a modified profile with a sloped top and bullnose drip edge for improved drainage over the entire outer face of the board.



Sloped Top

Positive slope at top drains moisture to outer face of lap



Profiled Drip Edge

Bottom bullnose drip edge allows moisture to drain away from lap

Finishing Technology

Primer

A quality primer is the first step to ensuring that the paint color you select beautifully expresses a home's true character now – and for years to come. Our distinctive primer is climate-tested and engineered to enhance the performance of paint on James Hardie® fiber cement siding products. It helps to provide consistent, long-lasting paint adhesion, even in the most demanding conditions.

ColorPlus® Technology

Our advanced ColorPlus® Technology finishes deliver the ultimate in aesthetics and performance. Our products aren't simply painted at the factory. Our proprietary coatings are baked onto the board, creating a vibrant, consistent finish that performs better, lasts longer and looks brighter on your homes.



Exceptional finish adhesion

Our proprietary coating is engineered for exceptional adhesion to our substrate and applied to the surface, edges and features for durable performance.



Superior color retention

Finish is cured onto boards for a stronger bond, which allows for exceptional resistance to cracking, peeling and chipping.



Superior UV resistance

ColorPlus® Technology finishes retain vibrancy longer when compared to vinyl siding and typical field paints on other siding products.



ColorPlus®
Technology



HardieShingle®
Straight Edge
Cobble Stone

HardieTrim®
Boards
Arctic White

HardiePlank®
Lap Siding
Cobble Stone

Lasting beauty **BEGINS WITH THE FINISH.**

Our finishes help eliminate stress and reduce costly weather delays when it's too cold or damp to paint for extended periods. Now there's no reason to question whether or not sub-optimal painting conditions will negatively affect your paint job. In fact, there's no longer any need to paint on-site during installation.

ColorPlus® Technology finishes are fully cured in a controlled environment and arrive on your job site ready for year-round installation.





ColorPlus®
Technology
Pearl Gray

ColorPlus®
Technology
Iron Gray

For complete confidence wrap your
ENTIRE EXTERIOR WITH JAMES HARDIE.



James Hardie Complete Exterior™

Top to bottom, our exterior product line is defined by excellent performance, aesthetics and design options.

Provide protection from the elements, showcase a homeowner's individual style and install peace of mind with exceptional warranties through a single, trusted manufacturer.



HardieShingle®
Siding



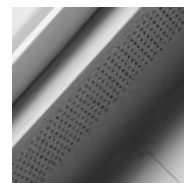
HardiePanel® Vertical
Siding & HardieTrim®
Batten Boards



HardiePlank®
Lap Siding



HardieTrim®
Boards



HardieSoffit®
Panels

HardiePlank®

Sleek and strong, HardiePlank® lap siding is not just our best-selling product – it's the most popular brand of siding in America.

With a full spectrum of colors and textures, homeowners can enjoy protection from the elements and the versatility to make their dream home a reality. From Victorians to Colonials, HardiePlank lap siding sets the standard in exterior cladding.

HardieTrim®
Boards
Arctic White

HardiePlank®
Lap Siding
Select Cedarmill®
Khaki Brown

A classic look for
THE HOME OF THEIR DREAMS.

HardiePlank®

Thickness 5/16 in
Length 12 ft planks

SELECT CEDARMILL® & SMOOTH

	Width	5.25 in	6.25 in	7.25 in	8.25 in
Exposure		4 in	5 in	6 in	7 in
Prime Pcs/Pallet		360	308	252	230
ColorPlus Pcs/Pallet		324	280	252	210
Pcs/Sq		25.0	20.0	16.7	14.3

SELECT CEDARMILL®



	Width	5.25 in	6.25 in	7.25 in	8.25 in
STATEMENT COLLECTION™		✓	✓		
DREAM COLLECTION™		✓	✓	✓	✓
PRIME		✓	✓	✓	✓

SMOOTH



	Width	5.25 in	6.25 in	7.25 in	8.25 in
STATEMENT COLLECTION™		✓	✓		
DREAM COLLECTION™		✓	✓	✓	✓
PRIME		✓	✓	✓	✓

BEADED CEDARMILL®

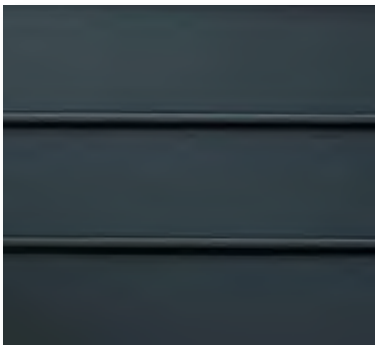


BEADED CEDARMILL® & BEADED SMOOTH

Width	8.25 in
Exposure	7 in
Prime Pcs/Pallet	240
ColorPlus Pcs/Pallet	210
Pcs/Sq	14.3

STATEMENT COLLECTION™	_____
DREAM COLLECTION™	✓
PRIME	✓

BEADED SMOOTH



HardiePanel®

HardiePanel® vertical siding delivers style and substance. When combined with HardieTrim® boards, it achieves the rustic board-and-batten look that defines cottage charm. The covered seams contribute to a well-insulated home.

Its crisp, clean lines make HardiePanel vertical siding a smart choice for strong, contemporary designs.



HardiePanel®
Vertical Siding
Evening Blue

HardieTrim®
Batten Boards
Evening Blue

True to your needs of
PERFORMANCE AND BEAUTY.

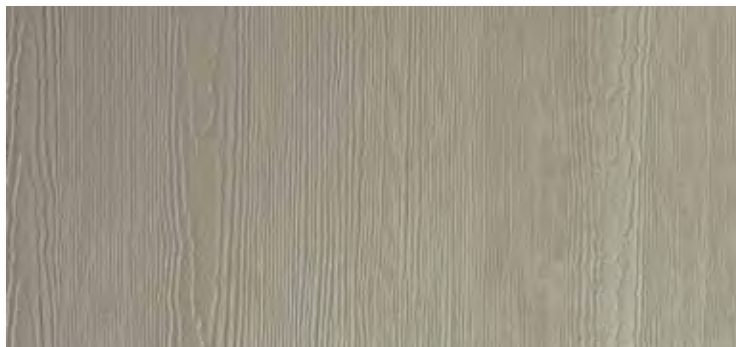
HardiePanel®

Thickness 5/16 in

SELECT CEDARMILL®, SMOOTH, STUCCO & SIERRA 8

	Size 4 ft x 8 ft	4 ft x 10 ft
Prime Pcs/Pallet	50	50
ColorPlus Pcs/Pallet	50	50
Pcs/Sq	3.2	2.5

SELECT CEDARMILL®



	Size 4 ft x 8 ft	4 ft x 10 ft
STATEMENT COLLECTION™		✓
DREAM COLLECTION™	✓	✓
PRIME	✓	✓

SMOOTH



	Size 4 ft x 8 ft	4 ft x 10 ft
STATEMENT COLLECTION™		✓
DREAM COLLECTION™	✓	✓
PRIME	✓	✓

STUCCO



	Size 4 ft x 8 ft	4 ft x 10 ft
STATEMENT COLLECTION™		
DREAM COLLECTION™	✓	✓
PRIME	✓	✓

SIERRA 8



	Size 4 ft x 8 ft	4 ft x 10 ft
STATEMENT COLLECTION™		
DREAM COLLECTION™		
PRIME	✓	✓

HardieShingle®

Restore the look of a grand Cape Cod or add distinction to a handsome bungalow. HardieShingle® siding embodies the enchanting look of cedar shingles with lower maintenance.

Better than the real thing, HardieShingle siding resists rotting, curling, warping and splitting.



HardieTrim®
Boards
Arctic White

HardieShingle®
Straight
Edge Panel
Pearl Gray

Achieve the handcrafted
LOOK OF CEDAR.

HardieShingle®

Thickness 1/4 in



STAGGERED EDGE PANEL

Length	48 in
Height	15.25 in
Exposure	6 in
ColorPlus Pcs/Pallet	100
Sq/Pallet	2
Pcs/Sq	50.0

STATEMENT COLLECTION™ _____

DREAM COLLECTION™

PRIME _____



STRAIGHT EDGE PANEL

Length	48 in	48 in
Height	14 in	15.25 in
Exposure	5 in	7 in
ColorPlus Pcs/Pallet	120	86
Sq/Pallet	2	2
Pcs/Sq	60.0	43.0

STATEMENT COLLECTION™

DREAM COLLECTION™

PRIME _____



HALF ROUNDS

Length	48 in
Height	15.25 in
Exposure	7 in
Prime Pcs/Pallet	86
Sq/Pallet	2
Pcs/Sq	43.0

STATEMENT COLLECTION™ _____

DREAM COLLECTION™ _____

PRIME

HardieTrim®

Form meets function at every angle with HardieTrim® boards. With an authentic look, HardieTrim boards provide design flexibility for columns, friezes, doors, windows and other accent areas.

Better than wood, it will complement your long-lasting, lower maintenance James Hardie® siding – adding punctuation to your design statement.

HardieTrim®
Boards
Khaki Brown

HardiePlank®
Lap Siding
Navajo Beige

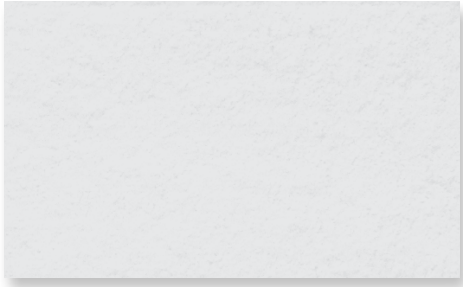
The performance you require.

THE DISTINCTIVENESS YOU DESIRE.

HardieTrim®

Length 12 ft boards

NT3® BOARDS SMOOTH



4/4 SMOOTH

Thickness	.75 in				
Width	3.5 in	5.5 in	7.25 in	9.25 in	11.25 in
ColorPlus Pcs/Pallet	312	208	156	104	104

STATEMENT COLLECTION™	✓	✓	✓		✓
DREAM COLLECTION™	✓	✓	✓	✓	✓
PRIME					

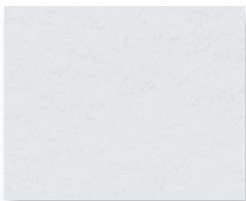
5/4 SMOOTH

Thickness	1 in					
Width	3.5 in	4.5 in	5.5 in	7.25 in	9.25 in	11.25 in
ColorPlus Pcs/Pallet	240	200	160	120	80	80

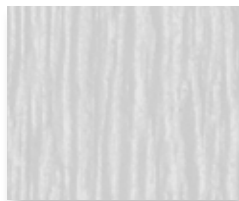
STATEMENT COLLECTION™	✓	✓	✓	✓		✓
DREAM COLLECTION™	✓	✓	✓	✓	✓	✓
PRIME						

BATTEN BOARDS

SMOOTH



RUSTIC GRAIN®



SMOOTH & RUSTIC GRAIN®

Thickness	.75 in
Width	2.5 in
Prime Pcs/Pallet	190
ColorPlus Pcs/Pallet	437

STATEMENT COLLECTION™	✓
DREAM COLLECTION™	✓
PRIME	✓

HardieSoffit®

A home is only as strong as its weakest point. HardieSoffit® panels reinforce your work by protecting the vulnerable gap between eaves and exterior walls.


Available in vented, non-vented and a range of pre-cut sizes, these panels complete your design and help protect it from moisture and pests.

VENTILATION BENEFITS

Using vented soffit improves ventilation in the attic space and reduces the chance of water vapor condensation that can lead to issues such as mold and mildew growth, stained ceilings and damage to the framing of the house.

In warm climates, HardieSoffit panels allow hot, humid air to escape, which not only helps prevent condensation in the attic, but can also help reduce air conditioning costs.

In cool climates, HardieSoffit panels help prevent condensation from forming on the interior side of the roof sheathing and reduce the chances of roof-damaging ice dams.



HardieSoffit®
Panels
Dream Collection™
product

For complete confidence
EVERY DETAIL MATTERS.

HardieSoffit®

Thickness 1/4 in

VENTED SMOOTH & SELECT CEDARMILL®

Length	12 ft	12 ft	8 ft
Width	12 in	16 in	24 in
Prime Pcs/Pallet	200	150	100
ColorPlus Pcs/Pallet	216	156	108

VENTED SMOOTH



Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
------	---------------	---------------	--------------

STATEMENT COLLECTION™

DREAM COLLECTION™

PRIME

✓	✓	✓
✓	✓	✓

VENTED SELECT CEDARMILL®



Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
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STATEMENT COLLECTION™

DREAM COLLECTION™

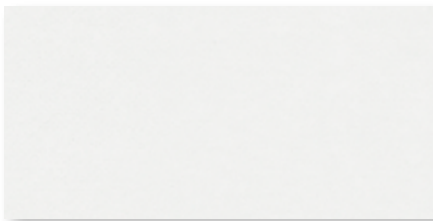
PRIME

✓	✓	✓

NON-VENTED SMOOTH & SELECT CEDARMILL®

Length	12 ft	12 ft	8 ft	8 ft
Width	12 in	16 in	24 in	48 in
Prime Pcs/Pallet	200	150	100	50
ColorPlus Pcs/Pallet	216	156	108	—

NON-VENTED SMOOTH



Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in	8 ft x 48 in
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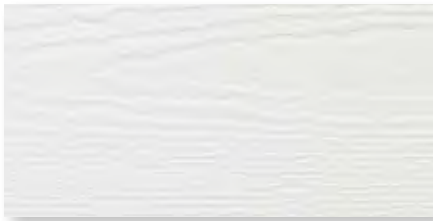
STATEMENT COLLECTION™

DREAM COLLECTION™

PRIME

✓	✓	✓	
✓	✓	✓	✓

NON-VENTED SELECT CEDARMILL®



Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in	8 ft x 48 in
------	---------------	---------------	--------------	--------------

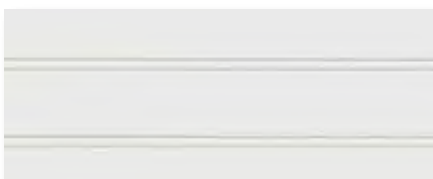
STATEMENT COLLECTION™

DREAM COLLECTION™

PRIME

✓	✓	✓	

BEADED PORCH PANEL



BEADED PORCH PANEL

Thickness	1/4 in
Length	8 ft
Width	48 in
ColorPlus Pcs/Pallet	50

STATEMENT COLLECTION™

DREAM COLLECTION™

PRIME

—
✓
—

STATEMENT COLLECTION™

Make your next home stand out with our Statement Collection™ products. Carefully curated by our design experts specifically for your market, the collection brings together the most popular James Hardie ColorPlus® siding and trim styles, textures, and colors. This stunning selection is locally stocked and designed for simplicity - making it easier than ever to get a beautiful, long-lasting home exterior.

Hardie Plank, smooth finish, varied pattern

Hardie Panel, smooth finish

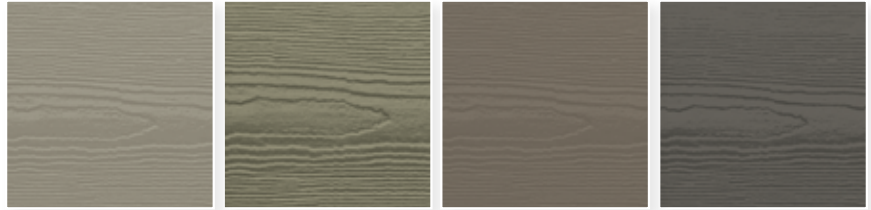
Hardie Panel, smooth finish

ColorPlus® Technology

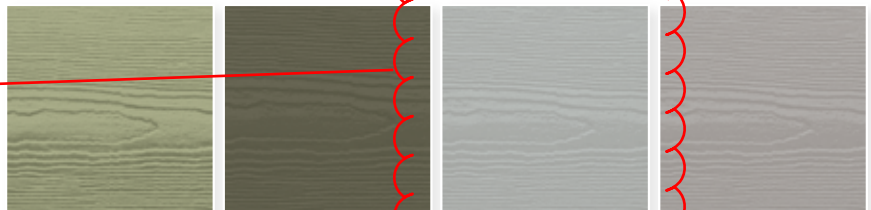
Plank, Panel, Shingle and Batten Color Offering



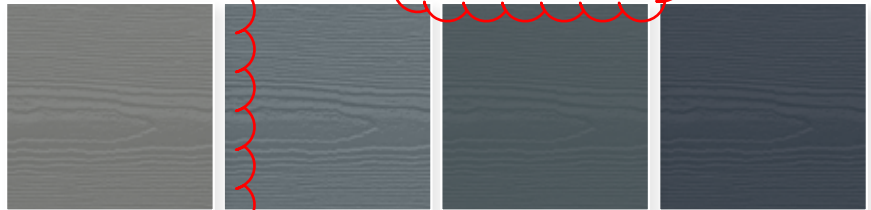
ARCTIC WHITE COBBLE STONE NAVAJO BEIGE KHAKI BROWN



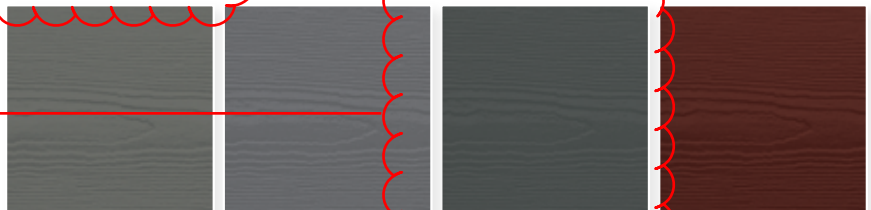
MONTEREY TAUPE WOODSTOCK BROWN TIMBER BARK RICH ESPRESSO



FEATHERED MOSS MOUNTAIN SAGE LIGHT MIST PEARL GRAY



GRAY SLATE BOOTHBAY BLUE EVENING BLUE DEEP OCEAN



AGED PEWTER NIGHT GRAY IRON GRAY COUNTRYLANE RED

Trim Color Offering



ARCTIC WHITE COBBLE STONE KHAKI BROWN MONTEREY TAUPE TIMBER BARK IRON GRAY

Colors shown are as accurate as printing methods will permit. Please see actual product sample for true color.

HardiePlank®



SELECT CEDARMILL®

Width 5.25 in 6.25 in
Exposure 4 in 5 in



SMOOTH

Width 5.25 in 6.25 in
Exposure 4 in 5 in

HardiePanel®



SELECT CEDARMILL®

Size 4 ft x 10 ft



SMOOTH

Size 4 ft x 10 ft

HardieShingle®



STRAIGHT EDGE PANEL

Height 14 in 15.25 in
Exposure 5 in 7 in

HardieTrim®

4/4 SMOOTH



Thickness .75 in
Length 12 ft boards
Width 3.5 in 5.5 in 7.25 in 11.25 in

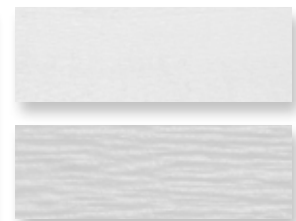
5/4 SMOOTH



Thickness 1 in
Length 12 ft boards
Width 3.5 in 4.5 in 5.5 in 7.25 in 11.25 in

BATTEN BOARDS

4/4 SMOOTH & RUSTIC GRAIN®



.75 in
2.5 in



Selecting a color? Request a product sample at jameshardiepros.com/samples

Get Inspired

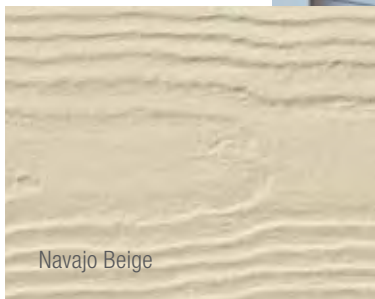
CRISP & CLEAN

LIGHT COLORS

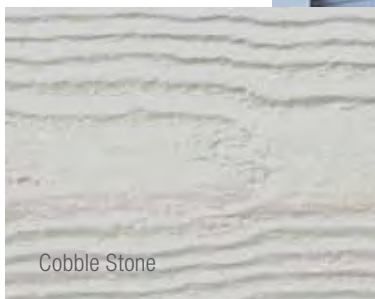
Whites and soft pastels are pure, clean, new and bright. Combine with other hues to add interest, personality and contrast. Works well on houses with Colonial Inspiration. A pastel A-frame cottage can look sweet and charming.



Arctic White



Navajo Beige



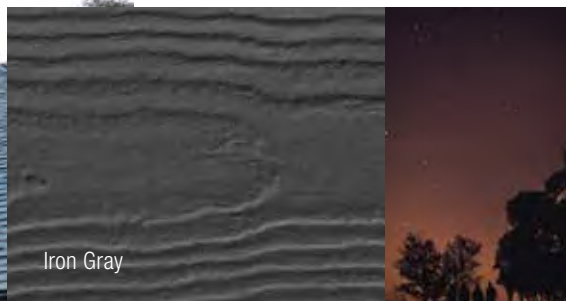
Cobble Stone



SUBTLE & SOPHISTICATED

NEUTRAL COLORS

Neutral rules the suburbs. These shades are safe, but also sophisticated. When accessorized with black or a darker color, a neutral can look fashionably stylish. Play with textures and use different tones for trim.



Iron Gray



Evening Blue



Night Gray



A BOLD CHOICE

DARK COLORS

Dark grays, blues and greens can feel both intellectual and modern. When used with white trim, they create drama. Works well in old neighborhoods, or urban environments, where there is a mix of old and new.

DREAM COLLECTION™

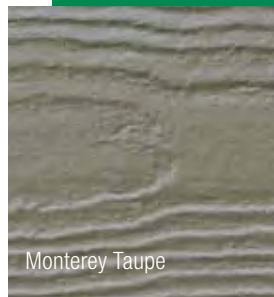
Looking to further express your sense of style? Look to our Dream Collection™ products.

- Featuring a color palette of over 700 ColorPlus® Technology finishes
- Made to order in a wide array of James Hardie® siding and trim styles
- Matches elevated design flexibility with the uncompromising performance of our fiber cement products

To see what's possible and order Dream Collection product samples visit jameshardiepros.com/dream



Khaki Brown



Monterey Taupe



Timber Bark



HardieWrap®

No exterior cladding can prevent 100% of water intrusion. Your homes should have an additional line of defense. HardieWrap® weather barrier provides a superior balance of water resistance and breathability, keeping the area within the wall drier. This helps prevent moisture accumulation that may lead to mold and mildew growth.

INSTALLATION ADVANTAGES

- Thicker, more durable material for easier, quicker installation
- Superior tear resistance helps prevent water infiltration
- Can be installed with staples in place of cap nails for cost savings
- Provides a higher level of performance, no matter what type of cladding you specify



We've got performance covered
FROM THE INSIDE OUT.



WEATHER BARRIER

Thickness	11 mil			
Length	100 ft	100 ft	150 ft	150 ft
Width	3 ft	9 ft	9 ft	10 ft

PRO-FLASHING

Thickness	20 mil		
Length	75 ft	75 ft	75 ft
Width	4 in	6 in	9 in

FLEX FLASHING

Thickness	60 mil	
Length	75 ft	75 ft
Width	6 in	9 in

SEAM TAPE

Thickness	3.2 mil
Length	164 ft
Width	1-7/8 in



To learn more about our weather barrier's advantages, visit jameshardiepros.com

Install Done Right

Installation Accessories

HARDIEBLADE® SAW BLADES

Manufactured by Diablo, the HardieBlade® saw blade is designed specifically to cut fiber cement products, and is the only saw blade James Hardie recommends. The blade creates clean, precise cuts while helping to reduce the amount of airborne dust produced. Specially designed to outlast other fiber cement saw blades by 3X, outlasting carbide blades by 60X.



PACTOOL® GECKO GAUGE

The PacTool® Gecko Gauge is designed to improve the installation experience, allowing one person to hang HardiePlank® lap siding during installation. Studies suggest the Gecko Gauge can improve the speed of solo installation by 30%.



Finishing Touches

ColorPlus® Technology Accessories

TOUCH-UP KITS

Specially formulated to match ColorPlus Technology finishes, our touch-up kits offer resistance to aging, color change and chalking. Estimated one kit per 4000 sq ft of siding or 1600 sq ft of trim.



COLOR MATCHED CAULK

OSI® QUAD® MAX sealant offers a high performance sealant solution to color match Statement Collection™ products.* About 18-20 linear feet per tube. Refer to packaging for manufacturer's recommendations.

**For matching Dream Collection products, contact your local James Hardie representative.*

Trim Accessories

FLAT TABS

Eliminate face nails and improve the aesthetic of trim applications around windows, doors and band boards.

CORNER TABS

Use corner tabs to eliminate face nail holes that would detract from the finished look of corner trim installations.



Find useful job-site tips in our industry-leading Best Practices Guide. For the latest installation instructions, visit jameshardiepros.com



HardiePlank®
Select Cedarmill®
Timber Bark

HardieTrim®
Boards
Arctic White

As unforgettable
AS IT IS UNCOMPROMISING.



See the James Hardie Difference



James Hardie invented fiber cement. Over 8 million homes* later, we continue to set the standard in premium, high-performance exterior cladding. Our products deliver uncompromising durability and finish quality for a beautiful, lower maintenance exterior.

Our unrivaled investment in R&D and constant innovations in product design, manufacturing and distribution allow us to remain steps ahead of the competition. With the support of our employees, partners and exceptional warranties, we're committed to protecting your customers' homes while helping your business grow.

*Estimate based on total James Hardie siding sales through 2016 and average housing unit size.

Warranty – for peace of mind

Protect your homes with North America's #1 brand of siding backed by exceptional warranties. Unlike other brands, James Hardie doesn't prorate our siding and trim warranty coverage. We stand behind our siding 100% for 30 years and trim for 15 years.

ColorPlus® Technology finishes come with a 15-year limited warranty.

James Hardie Non-Prorated Siding Substrate Warranty Coverage



Endorsements – a reputation built on trust

For decades, our fiber cement products have been used to create better places to live. Each new home stands as a testament to our uncompromising quality. That proven track record has earned the loyalty of millions of homeowners and the endorsements of trusted authorities across the building industry.



Listed as top building materials & products by **Professional Builder 2018**



Chosen by builders as a **Brand Leader** in **Builder magazine** for over 20 years



James Hardie® siding & trim products have earned the **Good Housekeeping Seal**



HardieTrim®
Boards
Arctic White

HardieShingle®
Straight Edge
Pearl Gray

Make every home
STAND UP AND STAND OUT.



HardiePanel®
Vertical Siding
Iron Gray

HardieTrim®
Batten Boards
Iron Gray

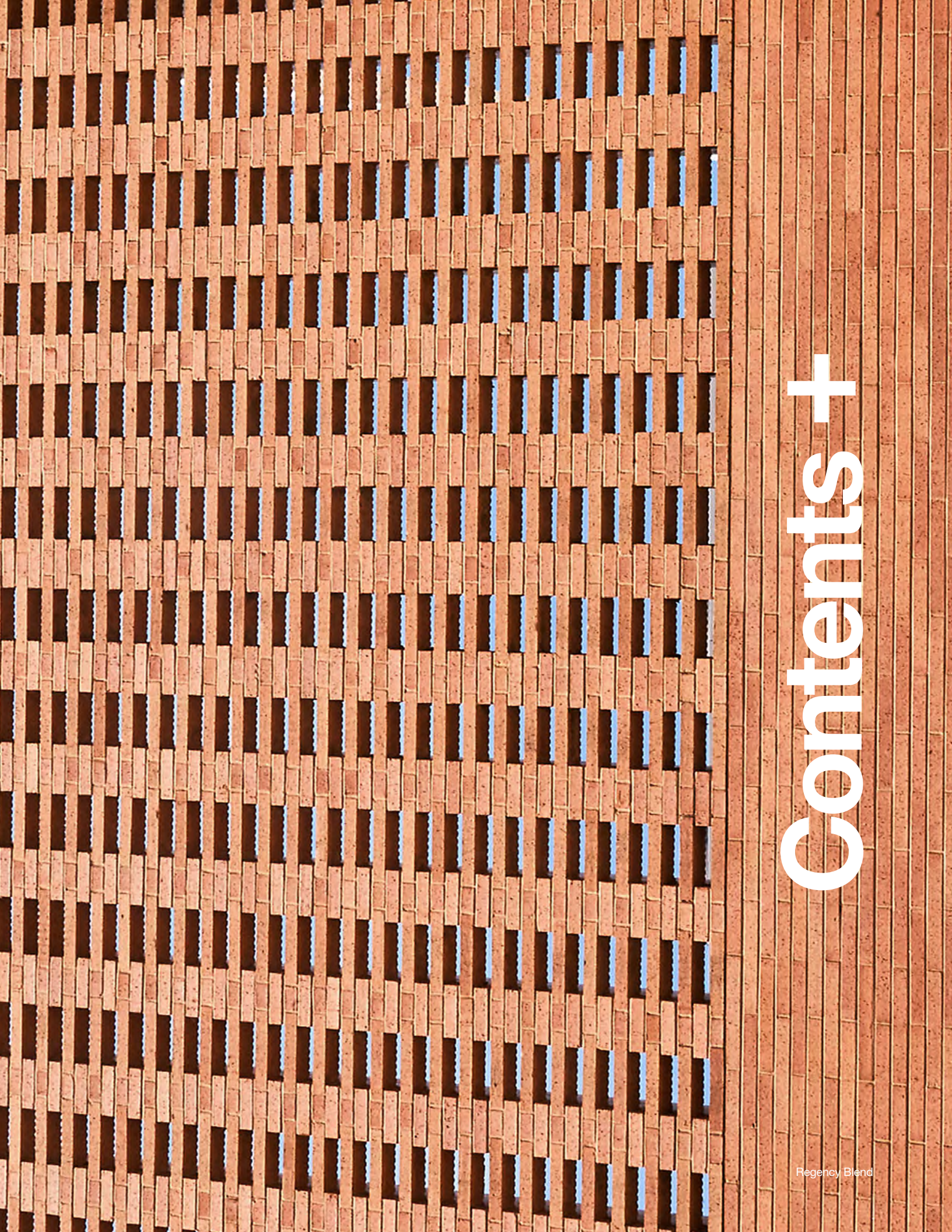
1.888.542.7343 | jameshardiepros.com

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 **JamesHardie™**
Siding | Trim

Sioux City Brick
Since 1913





Contents +

Regency Blend

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Facebrick 8

Roman Maximus Facebrick 24

Mortar & Shapes 32

Picture Perfect, Virtual Design Tool 34

Meet Sioux City Brick.

The nimble and purposeful gathering of integrity, craftsmanship, and high design comprises this architectural powerhouse.



+ A history as rich as its aesthetic depth.

For over 100 years, Sioux City Brick, like Glen-Gery, has manufactured brick to the highest industry standards. In 2019, Sioux City Brick became a part of the Glen-Gery family. The focus was, and always will be, to create long-lasting products in a multitude of sizes and shapes with a broad color palette, allowing designers and architects the flexibility to create beautiful, sustainable homes and buildings.

Flint Hills Roman Maximus

Innovation and charisma that's plain to see.

Consistency is the norm for Sioux City Brick. In looks, in quality, and endless versatility, if you're looking for it, Sioux City has it.



Sioux City Brick

FACEBRICK PRODUCT

Product Overview

There are plenty of reasons to build with Sioux City Brick. That's partially because there are also plenty of options when it comes to color, texture, and shape. So whatever your project needs, you have plenty to choose from.



Details

Suggested use: interior and exterior, applications including walls, facing, archways, copings, custom projects, and more.

Available in 75 color variations. See the next few page for color options, or visit glengery.com.

Pavers & Thin Brick

Visit glengery.com for more specific details.

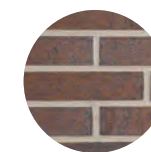
Trending Colors



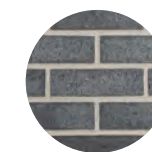
Casablanca



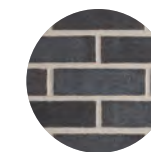
Aztec White



Mountain Shadow
Velour



Ebonite Velour



Carbon Black
Velour

Colors

Enliven your exterior with a variety of colors, from subdued and stately to bold and unexpected.



White Velour



Casablanca



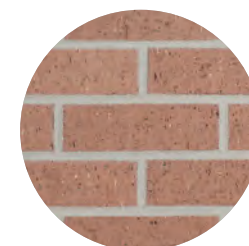
Antique White



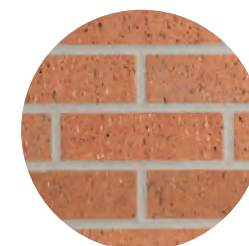
Revere Pewter Velour



Clear Buff Matt



Coral Velour



Regency Blend



Grand Canyon Smooth



Slate Gray Velour



Bone Velour



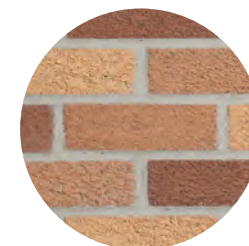
Catskill



Buckingham Williamsburg



Deer Valley Velour



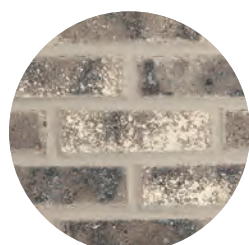
Harvest Blend Matt*



Toasted Fine Art Smooth



Dakota Smooth



Aztec White



Stonington Gray Velour



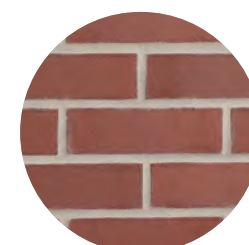
Stone City Williamsburg



Stone Ridge Williamsburg



Red Colonial Ironspot



Granite Red Colonial



Cranberry Colonial



Cinnamon Ironspot Colonial



Charcoal Gray



Beige Gray Smooth



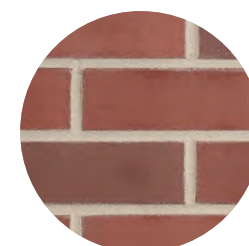
Dunes Gray Velour



Desert Blend Velour



Granite Red Colonial Ironspot



Napa Valley Colonial



Cranberry Colonial Ironspot



Cinnamon Ironspot Velour

Colors

Embrace the range of possibilities inherent in Sioux City Brick's available palette.



Cordovan Colonial Ironspot



Napa Valley
Colonial Ironspot



Bradford Williamsburg



Sonoma Valley
Colonial Ironspot*



Badlands Smooth



Millstone Williamsburg



Hampton Williamsburg



Brown Colonial Ironspot



Cherry Creek Williamsburg



Cranberry Velour



Wellington Charleston



Cedar Valley Colonial
Ironspot*



Mesaba Colonial Ironspot



Chelsea Ironspot Velour



Tudor Williamsburg



Saddle Brown Williamsburg



Irish Red Colonial Ironspot



Plum Colonial Ironspot



Midtown Ironspot Velour



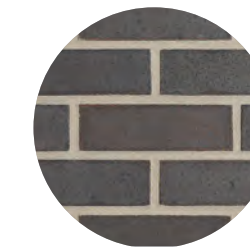
Mountain Shadow Velour



Ebonite Velour



Ebonite Smooth



Black Hills Smooth



Vintage Black Velour



Midtown Ironspot Smooth



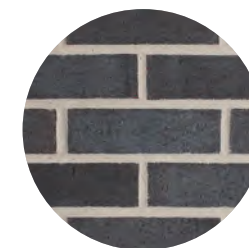
Monarch Smooth*



Smoky Mountain
Williamsburg



Ironridge Smooth



Carbon Black Velour

Smooth + Style

BECOME ACQUAINTED WITH STYLE-ENHANCING BRICK.

An architect's dream.

When it comes to meeting architectural demands, there's no scale too grand, project too complex, or aesthetic too daring for Sioux City Brick.



Napa Valley Smooth
Sioux City Brick



Make urban chic easy.

Reside comfortably knowing that from the exterior in, your home looks sharp in Napa Valley Smooth.



When aesthetics add up.

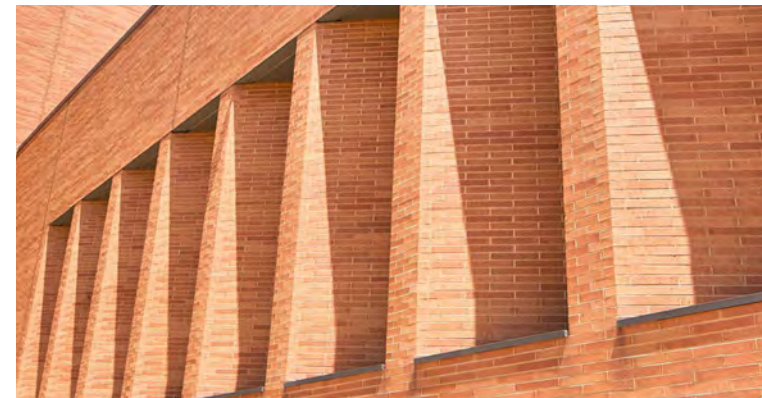
At the Dr. Jorge Prieto Math and Science Academy, style is always in session.

Art + Science

COMBINING DISCIPLINES TO ACE EVERY APPLICATION.

A curriculum for **success.**

A surefire plan for undisputed charm on full display.



Regency
Blend Velour
Sioux City
Brick



Drama + Design

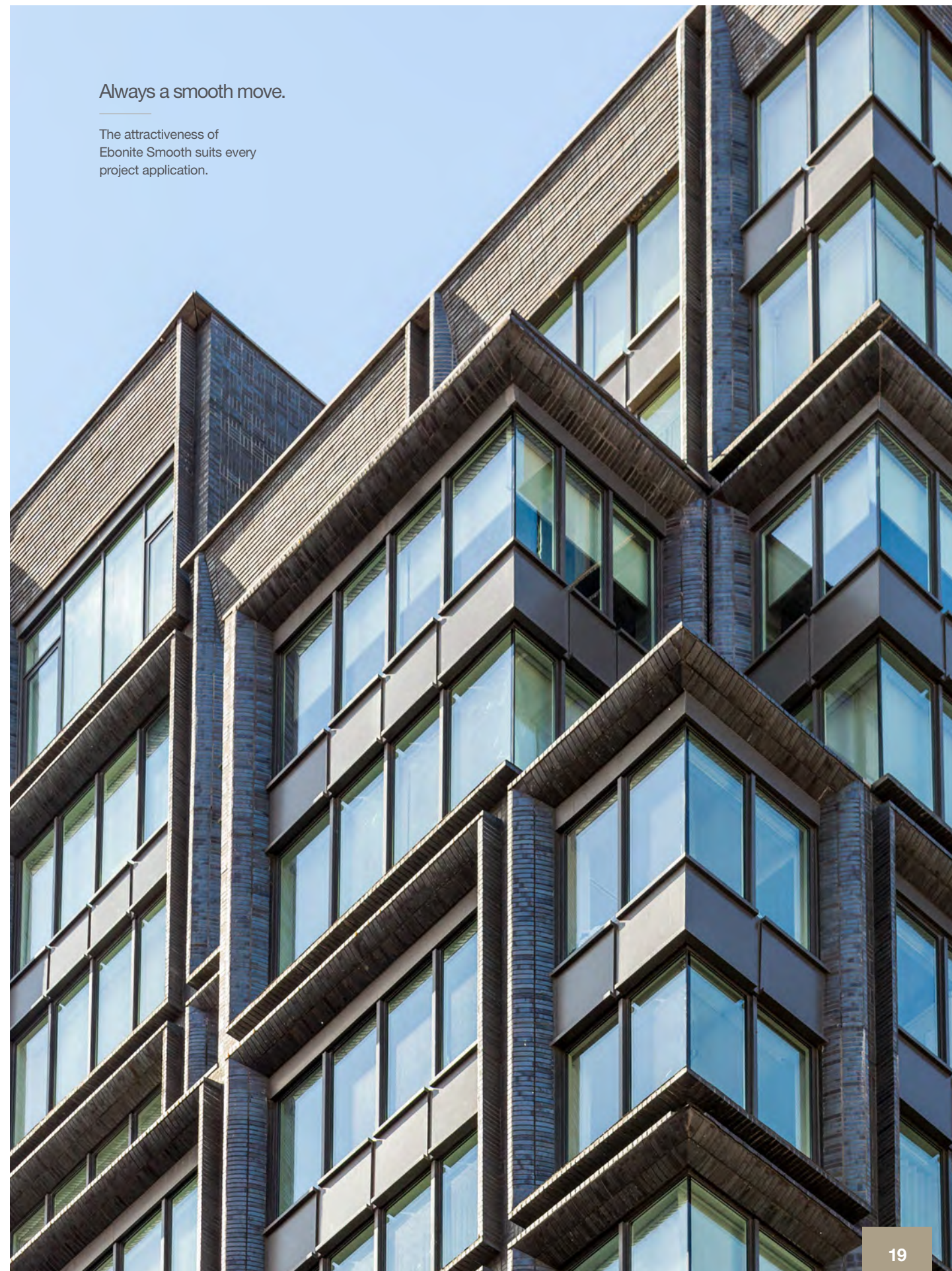
MARVEL AT THE IMPRESSIVE CREATIVE HEIGHTS BRICK CAN REACH.

Increasing sleekness.

The undisputed cool of Sioux City Brick in Ebonite Smooth enhances the aesthetics of everything it touches.



**Ebonite
Smooth**
Sioux City
Brick



Always a smooth move.

The attractiveness of Ebonite Smooth suits every project application.

Step this way toward
a modern dogtrot.

An architecturally sharp and
unforgettably chic dogtrot-style
home in Vintage Black.

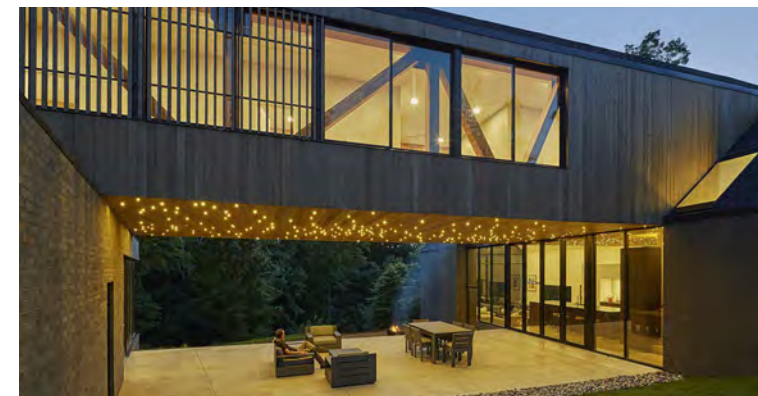


Suburbs + Style

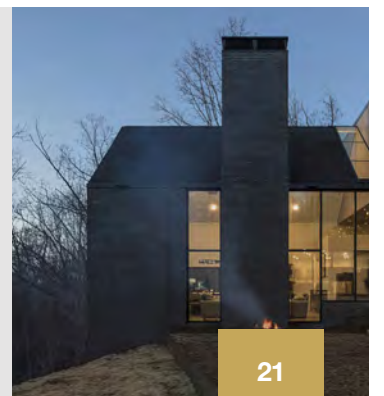
CONNECTING MORE THAN JUST LIVING SPACES.

Gorgeous go-betweens.

The connection of contemporary materials
and abundant, intrinsically interesting places
to live are housed here.



**Vintage Black
Velour**
Sioux City
Brick





Roman Maximus

BRICK PRODUCT

Product Overview

Inspired by an empire, Roman Maximus forges the enigmatic allure of antiquity with the stylish demands of the modern era.

The Romans made a strikingly beautiful and elongated brick that complemented the grandeur of their empire. The design of the Roman Maximus was inspired by this brick. With a length longer than any brick made in North America, the Roman Maximus evokes feelings of sophistication, exclusivity, and prestige that Romans likely felt over 2,000 years ago.



Details

Roman Maximus brick measure 3 5/8" x 1 5/8" x 23 5/8" and lay 3 brick per square feet. Each pallet is 4' wide and 2' deep, contains approximately 224 brick, and is 75 square feet. Roman Maximus is a solid unit that weighs 11.5 lbs per brick. The brick conforms to ASTM Specifications C-216 Grade SW Type FBA.

In order to facilitate a Sicilian bond pattern, where no header joints align, the packages include 15% random lengths (4", 6", 8", 16", 18", 20") and 15% Roman size (3 5/8" x 1 5/8" x 11 5/8") brick for use on corners when covered headers are needed.

Trending Colors



Flint Hills



Saddle Brown



Black

Roman Maximus Colors

Emboldened prestige pervades every available color of Roman Maximus Brick, from the most subtle light tones to the evocative darker shades.



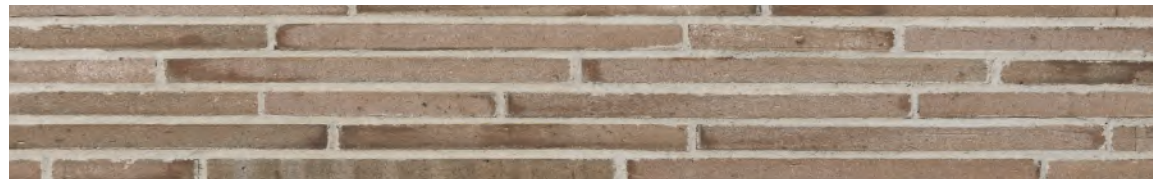
COLUMBIA



FLINT HILLS



FLINT HILLS w/BLACK



SALZBURG



VERONA



SAND HILLS RED



WELLINGTON



PALERMO



TUDOR



SANDLE BROWN



BLACKBERRY



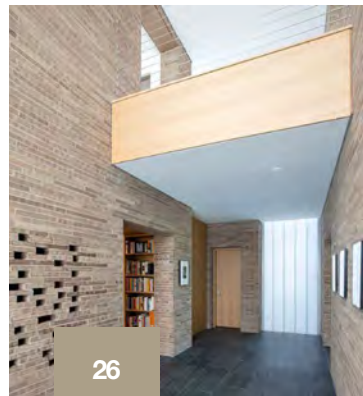
BLACK

Classic + Clean

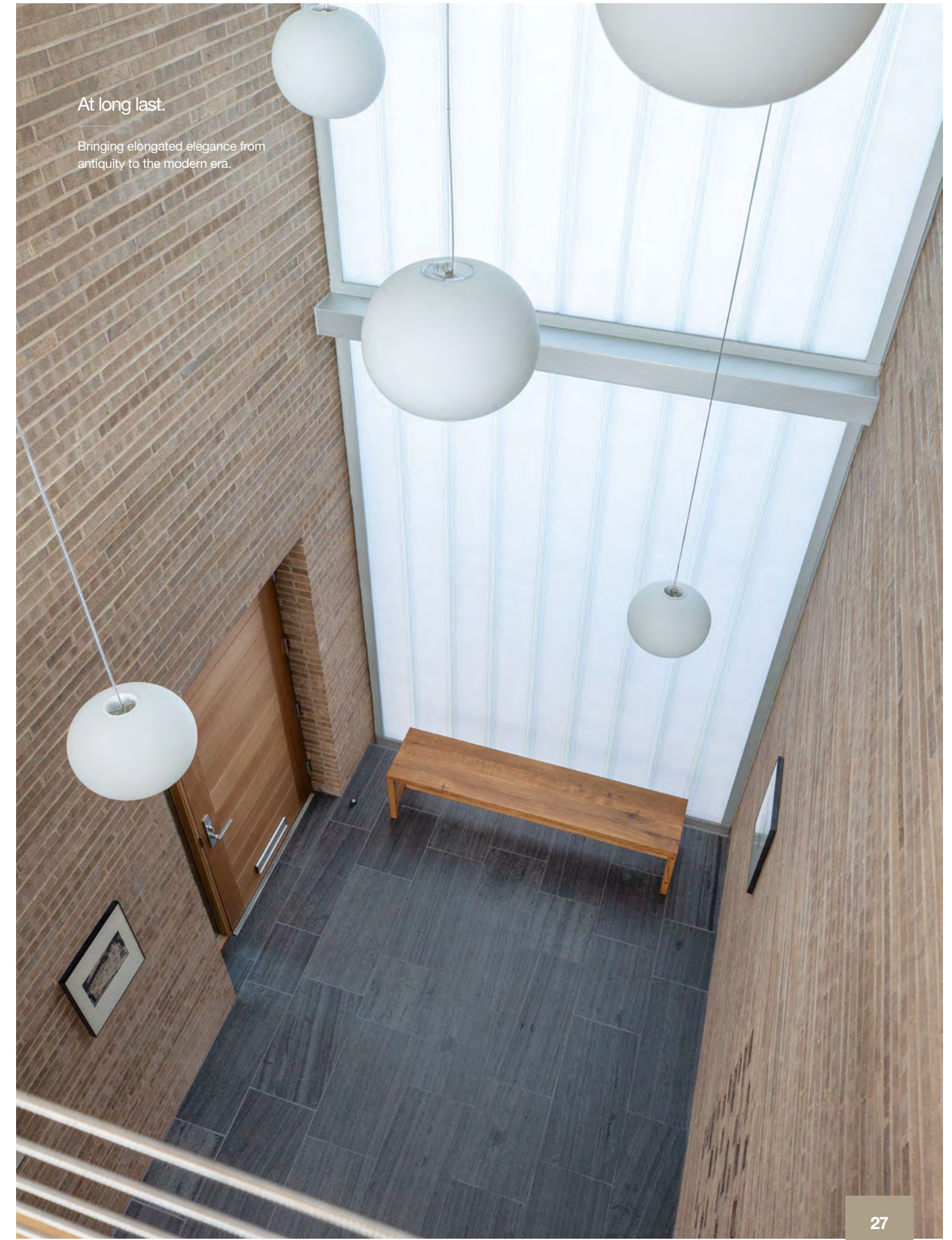
REVEL IN THE GREATNESS OF AN ENTIRE EMPIRE.

Sculpturally dynamic.

Distinctive and formidable in its stature, Roman Maximus commands attention like no other.



Flint Hills
Roman
Maximus



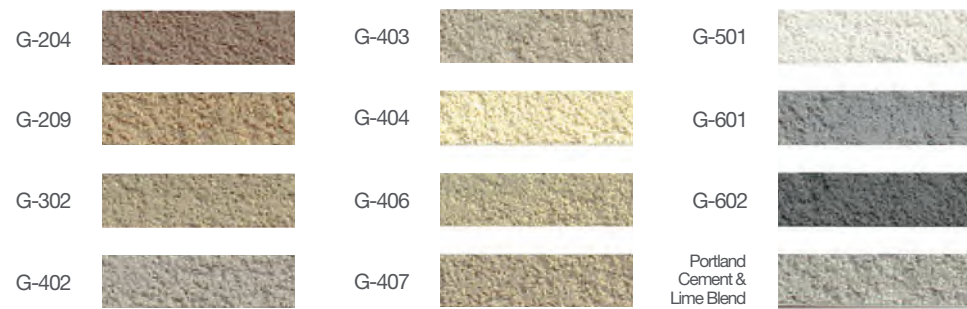
At long last.

Bringing elongated elegance from antiquity to the modern era.

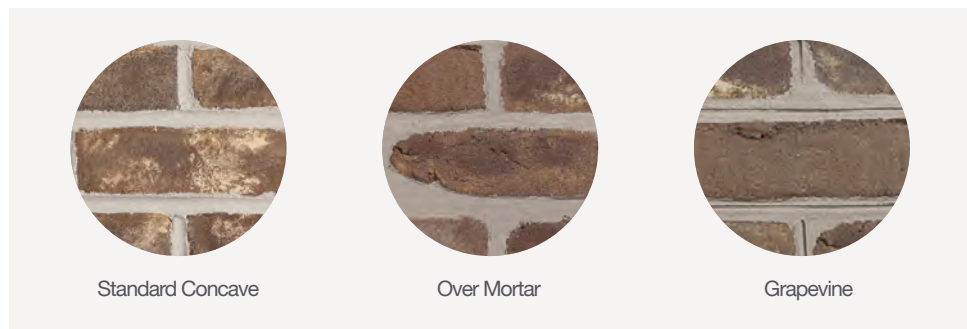
Mortar

C O L O R S E L E C T I O N

Choosing the right mortar color can make all the difference when building your vision. Whether you're going for contrast or a more even-toned aesthetic, our range of mortar styles can help bring your ideal look to life. See the full suite of mortar colors at glengery.com.



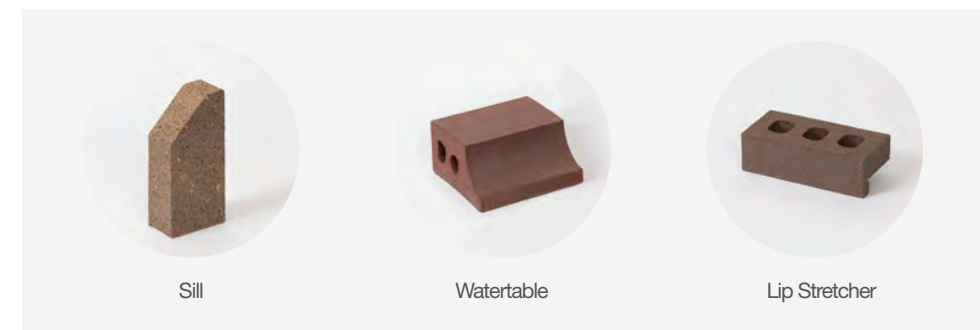
Bind your brick beautifully. Add a tasteful and transformative touch with Glen-Gery mortar.



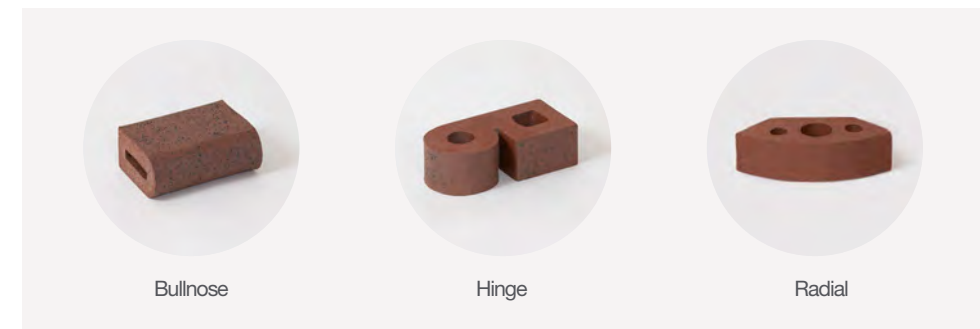
Shapes

C U S T O M A N D U N I Q U E

Glen-Gery's offerings include water tables, sills, copings, & treads, corners, lips & radials, and arches. Varying specs are available to accommodate any space in whatever application you may need. See the full suite of shapes at glengery.com.



Let your project take shape. Embrace architectural versatility with an array of custom shapes.



See it before you live it.

With the Picture Perfect design tool from Glen-Gery, you can visualize your project with any Glen-Gery building product, including Molded Brick. Try one look or try them all, and see what fits for you.

Find your style at glengery.com/visualizer



Roman Maximus Flint Hills

You + Your Style

It all comes together at glengery.com



Discover the possibilities at glengery.com

Cover Image: Ebonite

A brand of

BRICKWORKS
— BUILDING PRODUCTS —

Due to printing limitations, color and texture may vary from actual product. Final selection should always be based on an actual product sample. For more information, contact your Glen-Gery representative. © 2020 Glen-Gery Corporation • 3/20/TSG/10M

Please consult a masonry professional to ensure proper design/installation.

Pella® Impervia® FIBERGLASS



The strongest most durable material available for windows and doors.¹

Casement



- **100X MORE IMPACT RESISTANT²**
Pella Impervia products are made from our patented Duracast® material and are on average 100x more impact-resistant than a leading composite product.²
- **SUPERIOR PERFORMANCE**
Our patented Duracast® material was designed to withstand extreme heat, subzero cold and the rigorous performance requirements of a commercial building – a great solution for almost any project.³
- **RESISTS FADING AND SCRATCHING**
Our long-lasting powder-coat finish resists chalking, fading and scratching, and keeps your modern style windows looking great for years. Available in five colors.
- **SLIM SIGHTLINES, MORE GLASS**
Intentionally designed products made with exceptionally strong fiberglass, allow you to create bold designs with slim profiles and more visible glass.
- **EXCEPTIONAL MULLING CAPABILITIES**
The superior strength of Pella's fiberglass allows you to combine standard and special-sized windows together to create larger, unique combinations, made just for your remodel or new construction project.
- **ENERGY STAR® CERTIFIED⁴**
Pella Impervia products with dual-pane glass offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.
- **TESTED BEYOND REQUIREMENTS**
We test beyond requirements so you can trust our products to perform. Tested from -40°F to 180°F, our patented five-layer fiberglass composite can handle some of the harshest conditions.³
- **THE CONFIDENCE OF A STRONG WARRANTY**
Backed by one of the strongest warranties in the business. See written limited warranty for details, including exceptions and limitations, at installpella.com/warranties.
- **DUAL-COLOR FRAMES**
Complement interior and exterior styling with dual-color frames. Pair a white interior with one of five exterior colors or choose a solid-color frame available in a variety of colors, including black.

AVAILABLE IN THESE WINDOW & PATIO DOOR STYLES:



Fixed and special shape windows also available.

^{1,2,3,4} See back cover for disclosures.

PRODUCT SPECIFICATIONS

WINDOW & PATIO DOOR STYLES	MIN. WIDTH	MIN. HEIGHT	MAX. WIDTH	MAX. HEIGHT	PERFORMANCE CLASS AND GRADE	PERFORMANCE VALUES			FRAME / INSTALL
						U-FACTOR	SHGC	STC	
VENT AWNING	20"	17-½"	53-½"	29-½"	LC50	0.24-0.46	0.18-0.55	25-32	Block Frame Standard Fin Off-set Fin Integral Fin
FIXED AWNING	13-½"	11-½"	71-½"	79-½"	LC50	N/A	N/A	27-33	
VENT LARGE AWNING	29-½"	29-½"	59-½"	59-½"	LC30-LC50	0.24-0.47	0.18-0.55	N/A	
VENT CASEMENT	17-½"	20"	37-½"	79-½"	LC40-LC50	0.26-0.45	0.18-0.55	25-32	
FIXED CASEMENT	13-½"	11-½"	71-½"	79-½"	LC45-LC50	0.22-0.48	0.20-0.62	27-33	
VENT DOUBLE-HUNG	17-½"	29-½"	47-½"	79-½"	LC30-LC50	0.25-0.49	0.19-0.58	26-29	
VENT SINGLE-HUNG	17-½"	23-½"	47-½"	79-½"	LC40-LC50	0.24-0.51	0.19-0.59	26-32	Block Frame Standard Fin Off-set Fin Integral Fin Flush Flange
SLIDING WINDOW (OX, XO)	23-½"	11-½"	71-½"	71-½"	LC30-LC50	0.25-0.50	0.19-0.59	26-33	
SLIDING WINDOW (XOX)	47-½"	17-½"	107-½"	71-½"	LC30-LC50	0.25-0.50	0.19-0.59	26-32	
FIXED SLIDING WINDOW	23-½"	11-½"	71-½"	59-½"	LC30-LC50	0.25-0.50	0.19-0.59	26-33	
FIXED FRAME DIRECT SET	11-½"	11-½"	112"	112"	CW50	0.21-0.46	0.20-0.69	28-37	Block Frame Standard Fin Off-set Fin
FIXED SASH AND FRAME	13-½"	13-½"	71-½"	71-½"	CW35-CW50	0.22-0.50	0.20-0.62	27-33	
SLIDING PATIO DOOR (ONE PANEL)	27"	71-1/2"	49-1/2"	95-1/2"	LC30-LC50	0.25-0.48	0.19-0.61	27-32	Block Frame
SLIDING PATIO DOOR (TWO PANEL)	47-½"	71-½"	95-½"	95-½"	LC30-LC50	0.25-0.48	0.19-0.61	27-32	

WINDOW SIZES AVAILABLE IN 1/8" INCREMENTS

Maximum square footage rules apply. Maximum width and height cannot exceed the maximum square footage. Special shapes available. Visit PellaADM.com for specific sizes and glazings tested and for more information regarding frame and installation types.

WINDOW HARDWARE

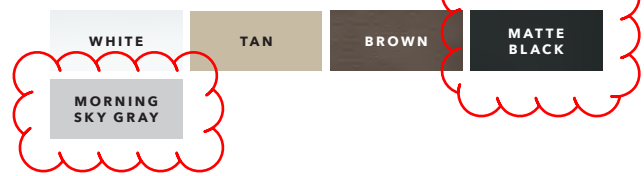
CASEMENT & AWNING

Folds neatly out of the way so it won't interfere with roomside window treatments.

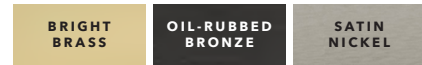


FOLD-AWAY
CRANK

COLOR-MATCHED FINISHES:



ADDITIONAL FINISHES:



SLIDING, SINGLE- & DOUBLE-HUNG

Pella's cam-action locks pull the sashes against the weatherstripping for a tighter seal.

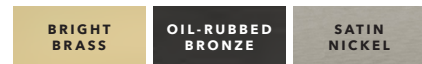


CAM-ACTION
LOCK

COLOR-MATCHED FINISHES:



ADDITIONAL FINISHES:



PATIO DOOR HARDWARE

SLIDING PATIO DOOR

Open and close the door with one hand with a convenient thumblock.

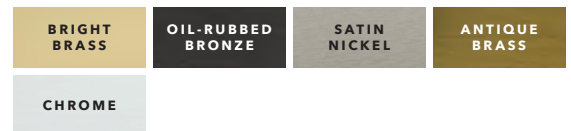


SLIDING PATIO
DOOR HANDLE

COLOR-MATCHED FINISHES:



ADDITIONAL FINISHES:



FOOTBOLT

A footbolt comes standard on all sliding patio doors and can hold the door open about three inches for ventilation.

COLORS & FINISHES

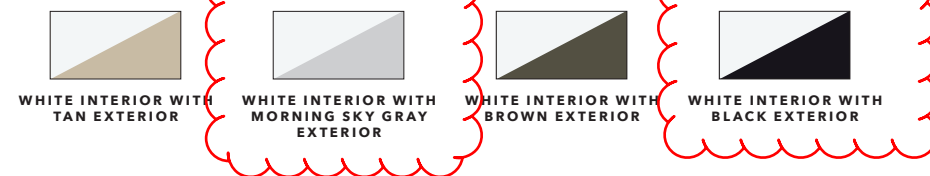
FRAME COLORS

Pella Impervia windows and patio doors feature a low-maintenance, durable powder-coat paint finish. Dual-color frames allow you to choose a different color for the exterior.

SOLID-COLOR:



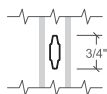
DUAL-COLOR FRAMES:



GRILLES

GRILLES

Grilles are color-matched to your window or patio door interior and exterior frame color.⁵



**ALUMINUM GRILLES-
BETWEEN-THE-GLASS-
3/4"**

¹ In testing performed in accordance with ASTM testing standards, Pella's Duracast has displayed superior performance in strength, ability to withstand extreme heat and cold, and resistance to dents and scratches. Special shape windows are made from a non-Duracast fiberglass composite.

² Impact testing performance based on testing 10 samples of each material using ASTM D256, Method C.

³ Pella Impervia windows and patio doors have a performance grade of LC or higher. For information on product ratings see installpella.com/performance.

⁴ Pella products may not meet ENERGY STAR guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.

⁵ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

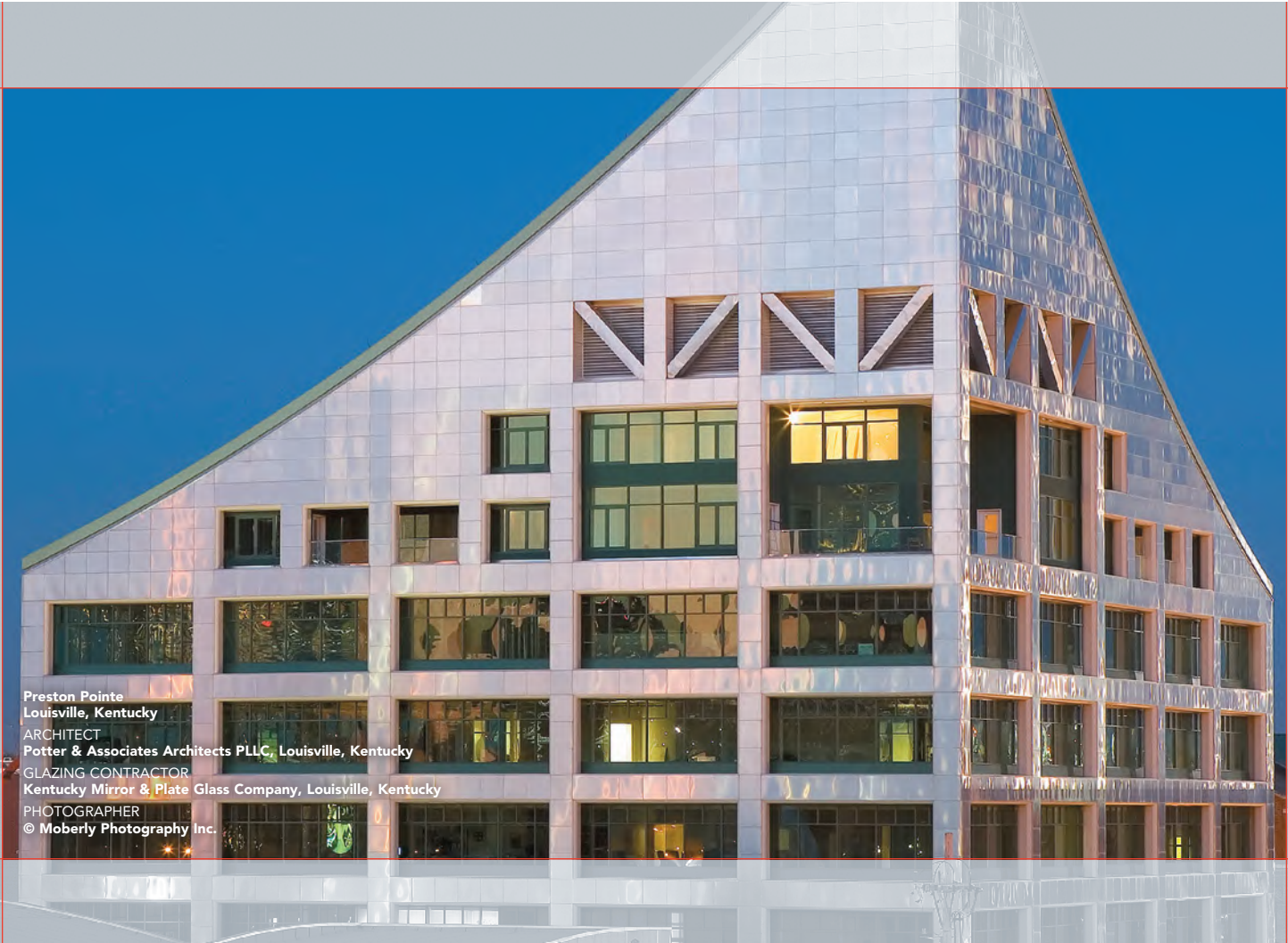
TRIFAB™ VG (VERSAGLAZE™)

TRIFAB™ VG 450, 451 & 451T (THERMAL) FRAMING SYSTEMS &
TRIFAB™ 451UT (ULTRA THERMAL) FRAMING SYSTEM



Design + Performance Versatility with Unmatched Fabrication Flexibility

Color/Finishes to match adjacent
materials (ie: window frames
and/or ACM metal panels)



Preston Pointe
Louisville, Kentucky
ARCHITECT
Potter & Associates Architects PLLC, Louisville, Kentucky
GLAZING CONTRACTOR
Kentucky Mirror & Plate Glass Company, Louisville, Kentucky
PHOTOGRAPHER
© Moberly Photography Inc.

Trifab™ VersaGlaze™ is built on the proven and successful Trifab™ platform – with all the versatility its name implies. There are enough framing system choices, fabrication methods, design options and performance levels to please the most discerning building owner, architect and installer. The Trifab™ VersaGlaze™ family's newest addition, the Trifab™ 451UT (Ultra Thermal) Framing System, is designed for the most demanding thermal performance and employs a dual Isolock™ thermal break.

AESTHETICS

Trifab™ VersaGlaze™ Framing Systems offer designers a choice of front-, center-, back- or multi-plane glass applications. Structural silicone

glazing (SSG) and weatherseal glazing options further expand designers' choices, allowing for a greater range of design possibilities for specific project requirements and architectural styles. All systems have a 4-1/2" frame depth; Trifab™ VersaGlaze™ 450 has 1-3/4" sightlines, while Trifab™ VersaGlaze™ 451/451T and Trifab™ 451UT have 2" sightlines.

With seamless incorporation of Kawneer entrances or windows, including GLASSvent™ visually frameless ventilators, Trifab™ VersaGlaze™ can be used on almost any project. These framing systems can also be packaged with Kawneer curtain walls and overhead glazing, thereby providing a full range of proven, and tested, quality products for the owner, architect and installer from a single-source supplier.

ECONOMY

Trifab™ VersaGlaze™ 450/451/451T Framing Systems offer four fabrication choices to suit your project (Trifab™ 451UT is available as screw spline fabrication only):

- **Screw Spline** – for economical continuous runs utilizing two-piece vertical members that provide the option to pre-assemble units with controlled shop labor costs and smaller field crews for handling and installation.
- **Shear Block** – for punched openings or continuous runs using tubular moldings with shear block clips that provide tight joints for transporting large pre-assembled multi-lite units.
- **Stick** – for fast, easy field fabrication. Field measurements and material cuts can be done when metal is on the jobsite.
- **Type B** – Same fabrication benefits as shear block except the head and sill run through.



Brighton Landing
Cambridge, Massachusetts
 ARCHITECT
ADD Inc., Cambridge, Massachusetts
 GLAZING CONTRACTOR
Ipswich Bay Glass Company, Inc., Rowley, Massachusetts
 PHOTOGRAPHER
 © **Gordon Schenck, Jr.**

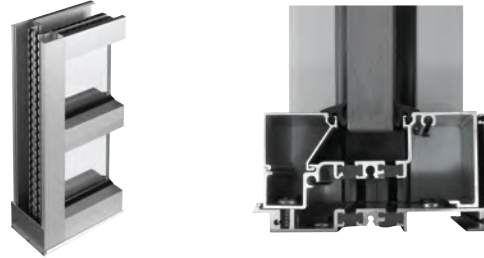
All systems can be flush glazed from either the inside or outside. The weatherseal option provides an alternative to SSG vertical mullions for Trifab™ VersaGlaze™ 450/451/451T. This ABS/ASA rigid polymer extrusion allows complete inside glazing and creates a flush glass appearance on the building exterior without the added labor of scaffolding or swing stages. Additionally, high-performance flashing options are engineered to eliminate perimeter sill fasteners and associated blind seals.

FOR THE FINISHING TOUCH

Architectural Class I anodized aluminum and painted finishes in fluoropolymer (AAMA 2605) and solvent-free powder coatings (AAMA 2604) offer a variety of color choices.

PERFORMANCE

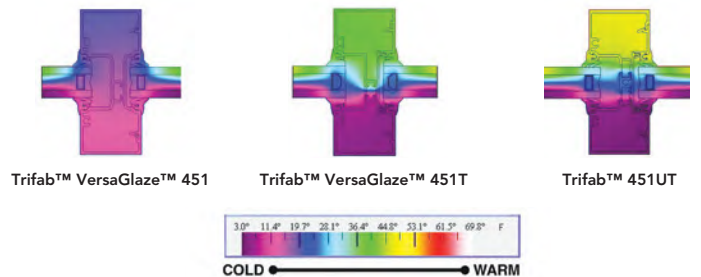
Kawneer's Isolock™ thermal break technology creates a composite section, prevents dry shrinkage and is available on Trifab™ VersaGlaze™ 451T. For even greater thermal performance, a dual Isolock™ thermal break is used on Trifab™ 451UT.



Trifab™ 451UT uses a dual Isolock™ thermal break (right) and features a new high-performance sill design, which incorporates a screw-applied end dam (left), ensuring positive engagement and tight joints between the sill flashing and end dam.

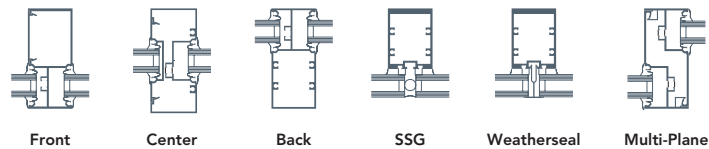
U-factor, CRF values and STC ratings for Trifab™ VersaGlaze™ vary depending upon the glass plane application. Project-specific U-factors can be determined for each individual project. (See the Kawneer Architectural Manual or Kawneer.com for additional information.)

Thermal simulations showing temperature variations from exterior/cold side to interior/warm side.



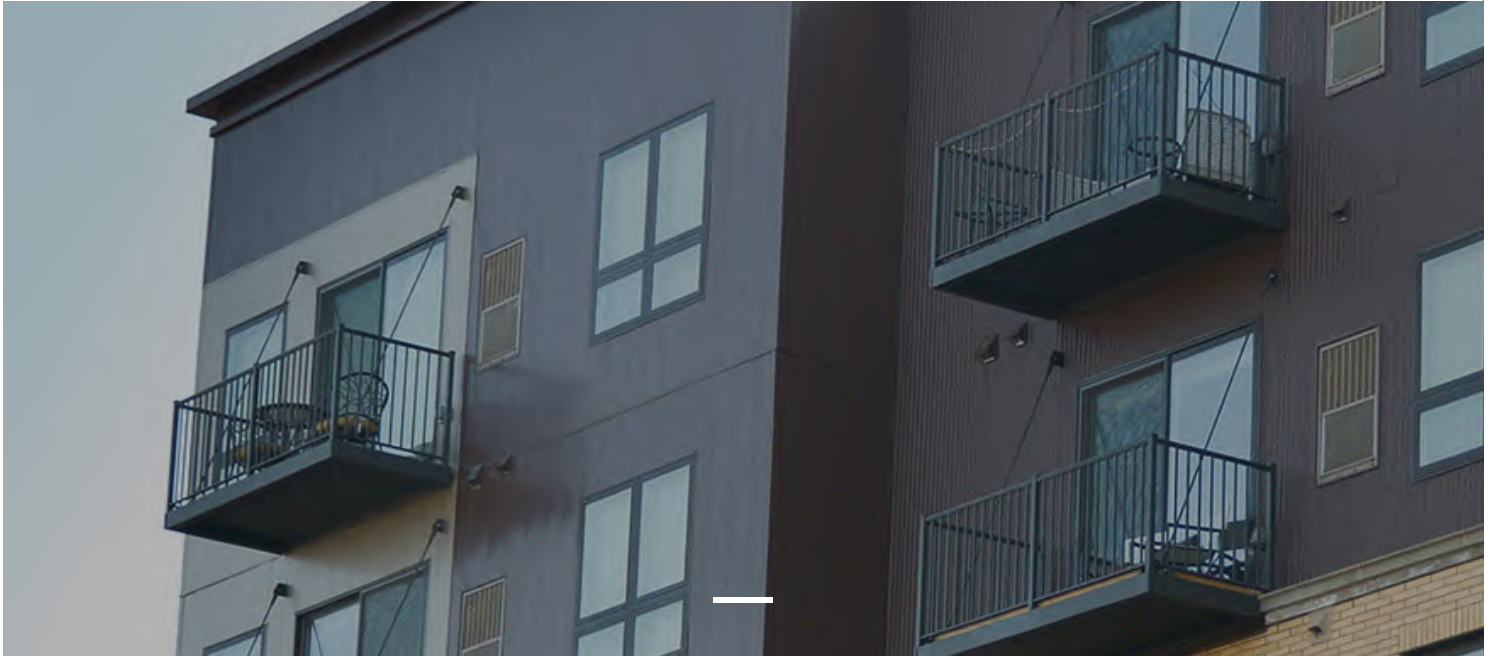
PERFORMANCE TEST STANDARDS

Air Infiltration	ASTM E283
Water	AAMA 501, ASTM E331
Structural	ASTM E330
Thermal	AAMA 1503
Thermal Break	AAMA 505, AAMA TIR-A8
Acoustical	AAMA 1801, ASTM E1425





Alumadeck Standard
Picket Railings in
Standard Black



+ DYLQJ DGHFNP DGHRI DXP LQXP JLYHM RX SHDFHRI P LQG
IRUP DLQMDDQFH DQGVDI HW , VZ LQCRVWSQMMU URWUKWRUGFDA
DQGVKHUHLVQYHVDQHGVR VQGRUMDLQ \$ V& DMF\$ OP D HFN
Z HSUGHRXUHOYMLQDZ D V SURYLGQJ DSURGXFVZ RUM RI
FDU LQ VHS\$ OP D HFN QDP H 7KDMVZ K DORI RXUGFNDQGDLO
V WMP VP HMRUH FHFG, %& WKFVXUDFRGHV : HDOR
LQFRUSRUDMDXQITXH VOS UHMLWQVSRZ GHUFRDWOQLK VR DQGHFN
VXUDFHV

7KHVXHDGYDQWJHRI VHS\$ OP D HFN6VQGDUGFRP HVDNMQMDO
Z LK VHHDMHRI DMHP EO DQGVKHHØFLHQFI RI VHMJQ DFRP SOMH

