

250T/350T/500T INSULPOUR® THERMAL ENTRANCES



Redefining Thermal Entrances with IsoPour™ Technology



Ask more from your door, and get it all with Kawneer's new Insulpour® Thermal Entrances, featuring IsoPour™ technology. This innovative product offering gives architects, developers, owners, and glazing contractors the ability to create a true thermally broken entrance system. It's an ideal solution for high-end commercial and multifamily facilities looking to improve thermal control in common areas with moderate to high traffic.

By merging industry-proven pour and debridge and polymer isolator technologies, Kawneer's IsoPour™ Thermal Break technology creates thermally broken assemblies for enhanced building energy efficiencies with higher structural performance. Insulpour® Thermal Entrances simultaneously provide additional design flexibility through multiple door cross-rail and bottom rail choices along with dual finish capabilities for the door and door frame.

PERFORMANCE, STRENGTH & SECURITY

The door and frame both leverage IsoPour™ Thermal Break technology, enabling high thermal performance. Specifically aimed at quelling concerns about cold spots and thermal bridging from architects and specifiers, Insulpour® Thermal Entrances feature a true thermally broken door header, which significantly mitigates the formation of condensation when used with a concealed overhead closer. Insulating glass unit options of double pane 1" (25.4 mm) or triple pane 1-1/2" (38.1 mm) improve thermal and sound reduction performance.

For added strength, the 2-1/4" (57.2 mm) deep door has a stout 1/8" (3.2 mm) wall thickness, and the dual-welded corner construction of Insulpour® Thermal Entrances adds long-term performance. Each door corner comes with a limited lifetime warranty, good for the life of the door under normal use operation. It is transferable from building owner to owner and is provided in addition to the standard two-year warranty covering material and workmanship of each Kawneer door.

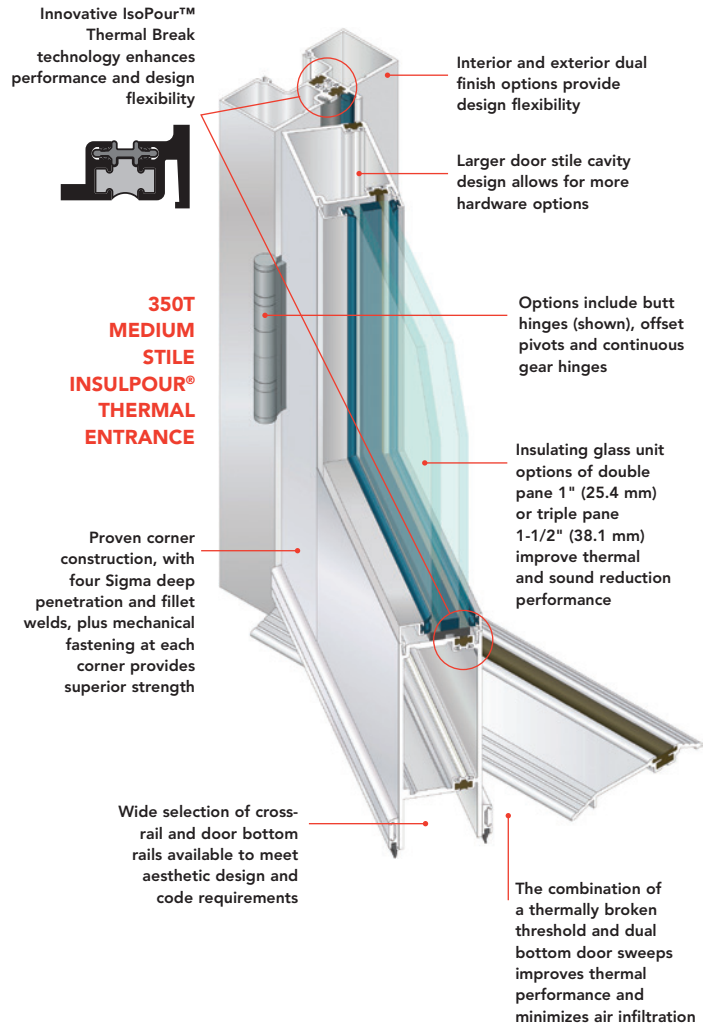
Insulpour® Thermal Entrances meet ASTM E1996 hurricane impact resistant requirements up to Zone 4 and Level D, and have undergone shock tube testing for blast mitigation. Contact your local Kawneer sales representative for limitations and specific application requirements.

AESTHETICS & DESIGN FLEXIBILITY

With sightlines that match standard, non-thermally broken entrances, Insulpour® Thermal Entrances offer 250T narrow, 350T medium and 500T wide stile options.

	VERTICAL STILE	TOP	BOTTOM RAIL
250T Narrow Stile	2-1/2" (63.5 mm)	2-15/16" (74.6 mm)	3-7/8" (98.4 mm)
350T Medium Stile	3-1/2" (88.9 mm)	3-1/2" (88.9 mm)	6-1/2" (165.1 mm)
500T Wide Stile	5" (127 mm)	5" (127 mm)	6-1/2" (165.1 mm)

The unique thermal break design allows for a wider choice of locking option hardware than previous thermal entrance designs. Coupled with various cross-rail sizes and multiple bottom rail heights of 7-1/2" (190.5 mm), 10" (254 mm) and 12" (304.8 mm), Insulpour® Thermal Entrances give architects, designers and building owners more opportunities to bring their vision to life.





EAST FACADE

ISSUE	DATE	PROPOSED ELEVATOR FOR: GIANNOPOULOS RESIDENCE 247 N PARKVIEW BEXLEY, OH 43209 CC: COLUMBUS CONSULTING GROUP, LLC 1050 BRYDEN ROAD, COLUMBUS, OH 43205 T: (614) 361-0447 CCG.ARCH@GMAIL.COM	<div>P1</div> <div>25.1660.00</div>
ARB	06/10/2025		



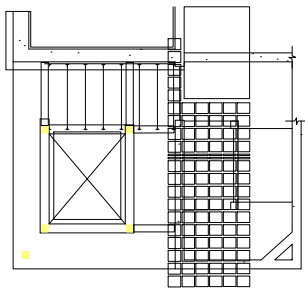
NORTH FACADE

ISSUE	DATE	PROPOSED ELEVATOR FOR:	P2
ARB	06/10/2025	GIANNOPOULOS RESIDENCE	
		247 N PARKVIEW BEXLEY, OH 43209	
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		1050 BRYDEN ROAD, COLUMBUS, OH 43205	
		T: (614) 361-0447 CCG.ARCH@GMAIL.COM	25.1660.00

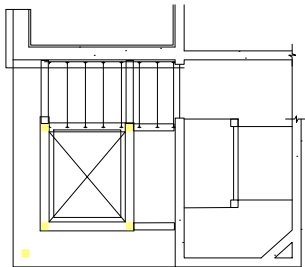


WEST FACADE

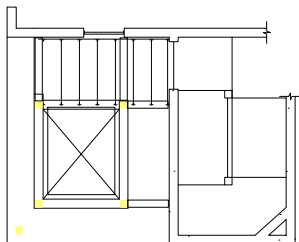
ISSUE	DATE	PROPOSED ELEVATOR FOR:	P3
ARB	06/10/2025	GIANNOPOULOS RESIDENCE	
		247 N PARKVIEW BEXLEY, OH 43209	
		CC: COLUMBUS CONSULTING GROUP, LLC	
		1050 BRYDEN ROAD, COLUMBUS, OH 43205	
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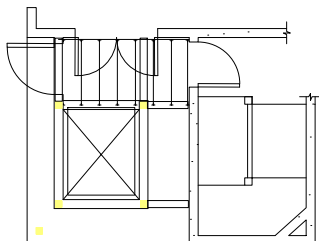
ROOF



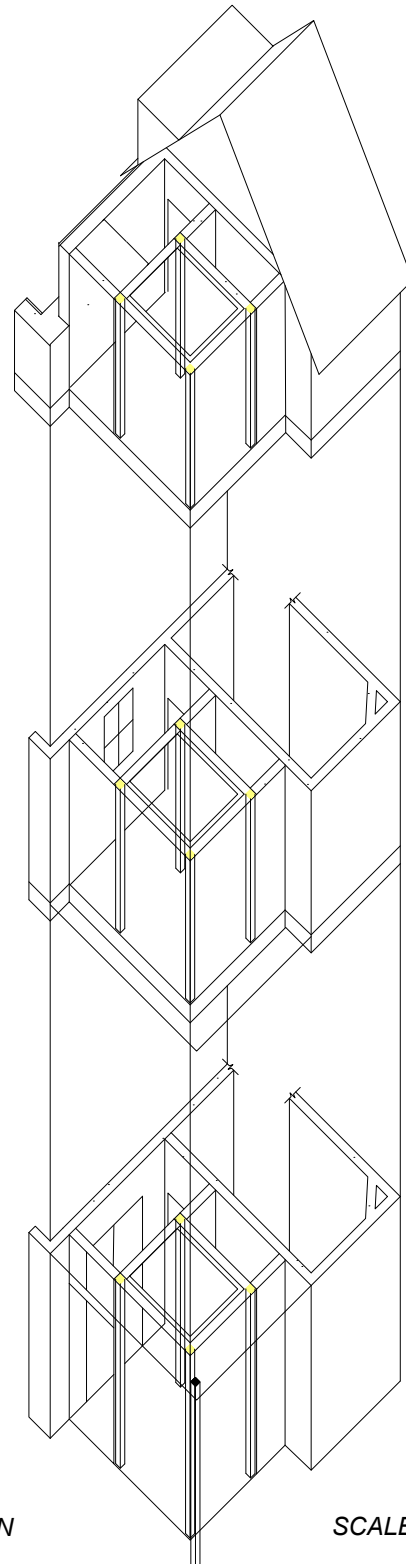
THIRD FLOOR



SECOND FLOOR



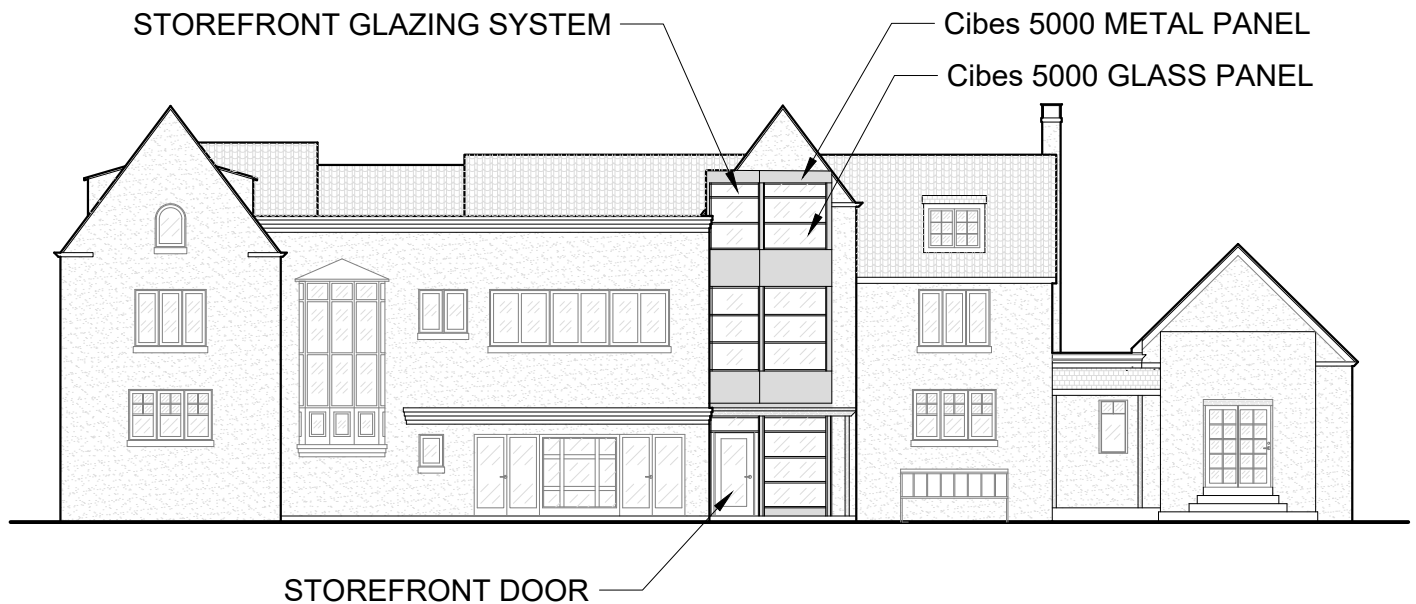
FIRST FLOOR



PLAN & AXON

SCALE 3/32" = 1'-0"

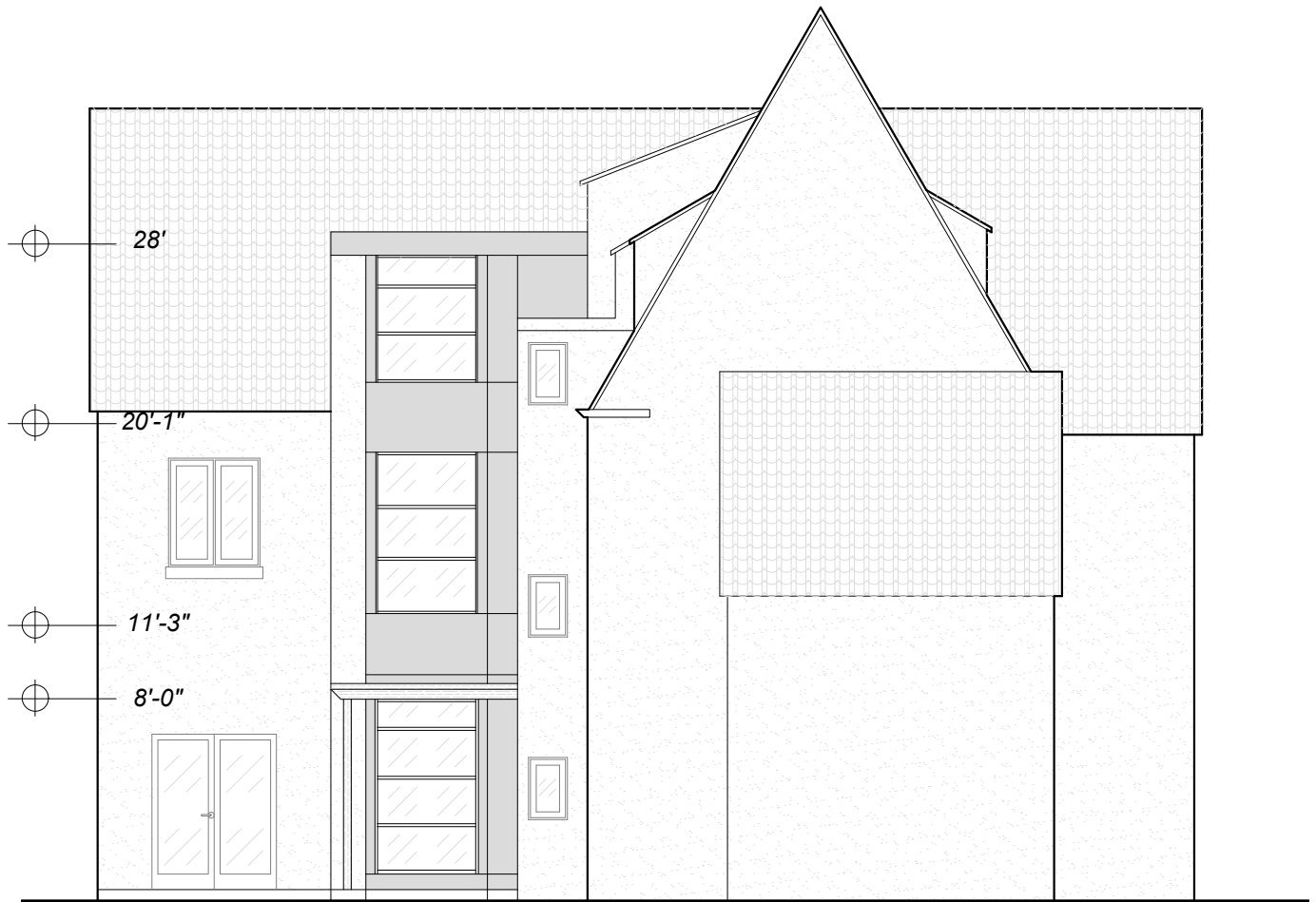
ISSUE	DATE	PROPOSED ELEVATOR FOR: GIANNOPOULOS RESIDENCE 247 N PARKVIEW BEXLEY, OH 43209	A1
ARB	06/10/2025		
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			25.1660.00



WEST ELEVATION

SCALE 1/16" = 1'-0"

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ARB	06/10/2025	GIANNOPOULOS RESIDENCE	
		247 N PARKVIEW BEXLEY, OH 43209	
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SOUTH ELEVATION

SCALE 1/8" = 1'-0"

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ARB	06/10/2025	GIANNOPOULOS RESIDENCE	
		247 N PARKVIEW BEXLEY, OH 43209	
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OPEN UP YOUR SPACE

Glass creates an open and airy space. Cibes platform lifts can be glazed on all sides for a 360 degree panoramic view, which is quite unique.





THERE IS NO BAD WEATHER

Our outdoor lifts are designed and equipped to resist tough weather conditions.
Suitable for public, commercial and private settings.

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



Design + Performance

Versatility with Unmatched Fabrication Flexibility



Geisinger Professional Building
Jenkins Township, Pennsylvania
ARCHITECT
Mericle Commercial Real Estate Services
Wilkes-Barre, Pennsylvania
GLAZING CONTRACTOR
Sterling Glass, Inc., Scranton, Pennsylvania
PHOTOGRAPHER
© Perzel Photography Group

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 4.5" depth Trifab® VersaGlaze® Framing System family is available with non-thermal, thermal and ultra-thermal performance levels. The ultra-thermal Trifab® 451UT 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 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® framing 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/451UT Framing Systems offer a variety of fabrication choices to suit your project:

- **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. (available for all systems)
- **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. (available for 450/451/451T systems)
- **Stick** – for fast, easy field fabrication. Field measurements and material cuts can be done when metal is on the jobsite. (available for 450/451/451T systems)
- **Pre-glazed** – The combination of screw spline construction with pre-glazing in the shop accelerates installation and reduces field labor time while minimizing disruption to the surrounding area or existing tenants. Making it an exceptional choice for new or retrofit applications, particularly in urban areas or where space is limited. (available for 451/451T/451UT framing)



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

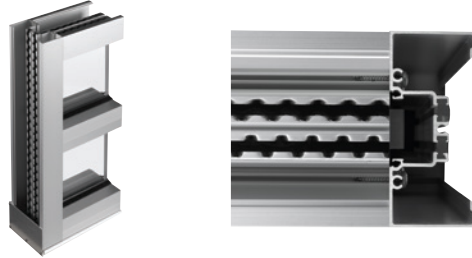
All systems can be flush glazed from either the inside or outside. The weatherseal option provides an alternative to SSG vertical mullions for Trifab® VersaGlaze® 450/451/451T. This ABS/ASA rigid polymer extrusion allows complete inside glazing and creates a flush glass appearance on the building exterior 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

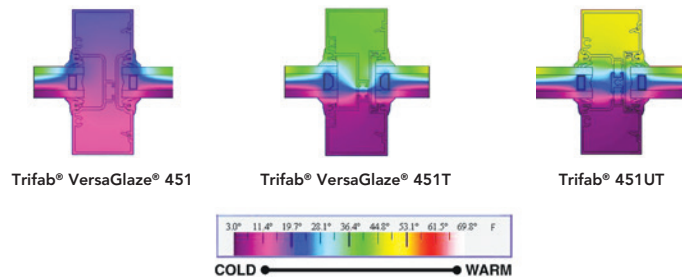
Kawneer's Isolock® thermal break technology creates a composite section, prevents dry shrinkage and is available on Trifab® VersaGlaze® 451T. For even greater thermal performance, a dual Isolock® thermal break is used on Trifab® 451UT.



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.

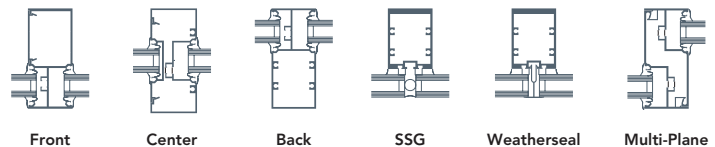
U-factor, CRF values and STC ratings for Trifab® framing systems vary depending upon the glass plane application. Project-specific U-factors can be determined for each individual project. (See the Kawneer Architectural Manual or Kawneer.com for additional information.)

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

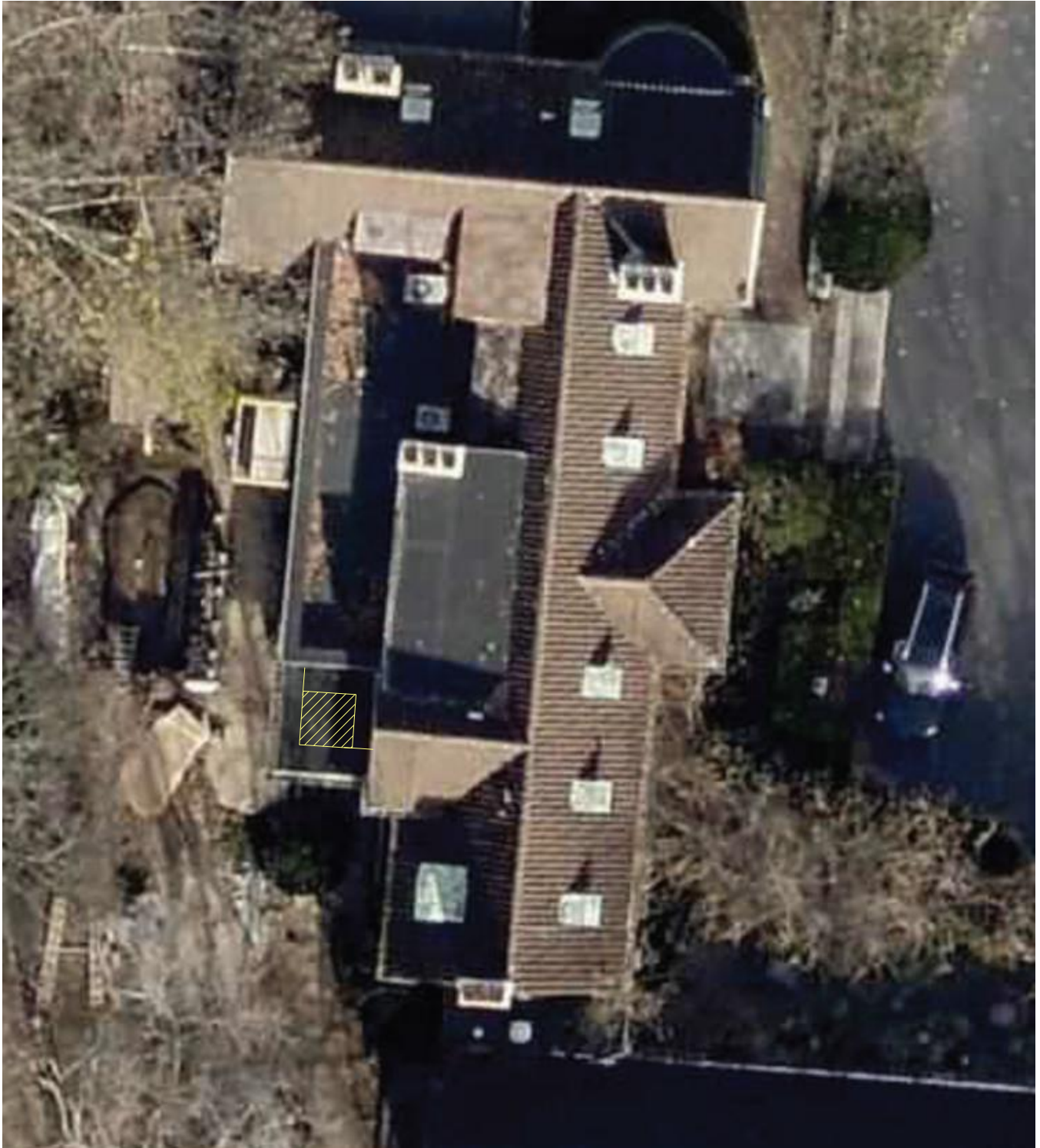




PROPOSED
ELAVATOR
LOCATION

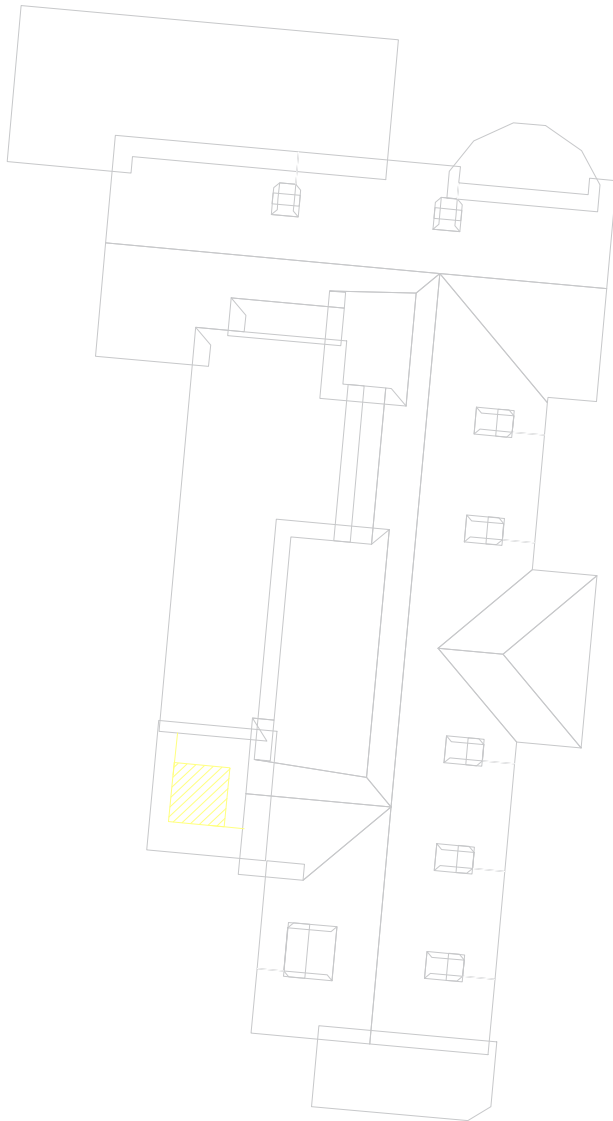
AERIAL SITE PLAN

ISSUE	DATE	PROPOSED ELEVATOR FOR: GIANNOPOULOS RESIDENCE 247 N PARKVIEW BEXLEY, OH 43209	SITE
ARB	06/10/2025		
			25.1660.00



AERIAL

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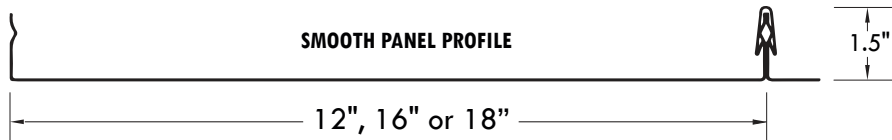
PLAN

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		25.1660.00	



ARIEL FROM WEST

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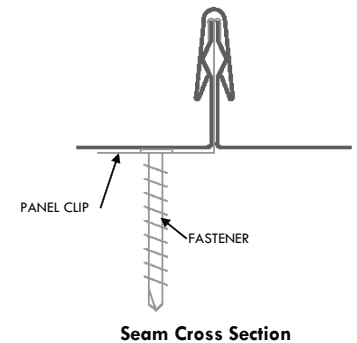
SNAP-ON SEAM SS15 is a non-structural engineered snap-together panel system. The system is designed with two components: the panel and the seam cover. SNAP-ON-SEAM is a non-directional panel system allowing installers more control during installation over seam layout and symmetry of the panel area. SNAP-ON-SEAM is the easiest panel system for complex roof designs.

Uses & Applications

Product uses include roofs with slopes as low as 3:12, vertical fascia, equipment screens, mansards, and wall panels. This system may also be installed on tapered and curved roof areas.

Advantages

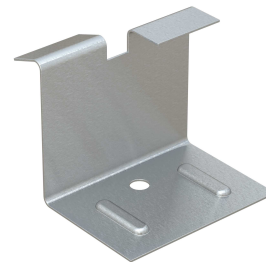
- Optional Factory Applied Non-Curing Sealant - for superior watertightness
- Engineered Snap-Together Design - easy installation
- Continuous Interlocking Seam Cap - no seam disengagement
- Expansion Clips - allows for thermal expansion and contraction
- Continuous Roll Formed Lengths - eliminates need for panel lap joints (4' min. panel length)
- Total System Warranties available - for total confidence



Performance Tested

- UL-580 Wind Uplift
- ASTM E331 Water Penetration
- ASTM E283 Air Leakage

Please consult DMI for applicability of test reports for your project.



Expansion Clip

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METAL ENVELOPE SYSTEMS SINCE 1988

SNAP-ON SEAM SS15



Project Name: _____
 Architect: _____
 Installing Contractor: _____
 General Contractor: _____
 Specification Section: _____

Stiffener Profile



DynaClad® PVDF Color Chart



Custom Colors Available

Colors shown are samples and may vary slightly from actual material.
 Please consult DMI Color Chart for stacking color availability.

†Metallic colors are directionally sensitive and therefore entire roof areas should be ordered at once time to ensure uniformity.

*Brite Red has a clear coat. **Premium colors carry an upcharge.

Panel Width

12"
 16"
 18"

Clip

Expansion

Substrate

24 ga. Galvalume®
 22 ga. Galvalume®
 .032 Aluminum
 .040 Aluminum*

16 oz. Copper
 20 oz. Copper

Embossed:

*Seam Caps available in 24 ga. & .032 aluminum only
 Consult DMI for minimum quantities, upcharges, set up fees and extended lead times

Standard Finishes (N/A on Mill Finishes)

DynaClad® PVDF: _____
 Acrylic Coated Galvalume (Acrylume®)
 Clear Anodized Aluminum

Premium Finishes*

DynaClad® Metallic PVDF: _____
 DynaClad® Brite Red PVDF
 DynaClad® Cobalt Blue PVDF
 DynaClad® Standard Color PVDF w/ Clearcoat: _____
 DynaClad® Premium Color PVDF w/ Clearcoat: _____
 Custom Color: _____

*Premium Colors subject to minimum quantities, extended lead times and upcharges.
 Consult DMI for details.

Warranty

Finish

DynaClad® Paint Finish
 Galvalume® 20 Year - 6 Month (Substrate)
 Aluminum Sheet 2 Year (Substrate)

Watertight

DynaClad® Metal Roofing System: _____
 DynaClad® Metal Roofing System ND: _____

Since 1988 Dimensional Metals, Inc. (DMI) has specialized in the manufacturing of architectural metal roof and wall panel systems as well as fabricated architectural sheet metal for the construction industry. We are backed by decades of proven metal envelope design, dependable Technical Field Services, and an Engineering Department delivering sustainable solutions. You are sure to find the product that will best enhance your design.

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