



# Landmarks Certificate of Appropriateness & Overlay District Permit

Louisville Metro Planning & Design Services

Case No.: 21-OVERLAY-0010 Intake Staff: AB

Date: 4/30/21 Fee: No Fee

## Instructions:

For detailed definitions of *Certificate of Appropriateness* and *Overlay District Permit*, please see page 4 of this application.

## Project Information:

Certificate of Appropriateness: ☐ Butchertown ☐ Clifton ☐ Cherokee Triangle ☐ Individual Landmark  
☐ Limerick ☐ Old Louisville ☐ Parkland Business ☐ West Main Street

Overlay Permit: ☐ Bardstown/Baxter Ave Overlay (BRO) ☐ Downtown Development Review Overlay (DDRO)  
☒ Nulu Review Overlay District (NROD)

Project Name: Guacamole Restaurant

Project Address / Parcel ID: 900 E. Market Street

Total Acres: 0.287 (12,500 SF)

Project Cost (exterior only): 150,000 PVA Assessed Value: 949,750

Existing Sq Ft: 5,299 New Construction Sq Ft: 1,851 Height (Ft): 17' Stories: 1

## Project Description (use additional sheets if needed):

The existing building previously housed RYE Restaurant. The proposed new use will also be a restaurant called Guacamole. We are proposing a new first floor dining room addition of 1,069 SF with a roof terrace dining area above that is accessed via an exterior stair, a prep kitchen addition of 345 SF with adjacent cooler/freezer of 292 SF. Both the dining and prep kitchen building additions will be built with 8" CMU and brick veneer to match the existing building. The dining room addition will be painted to match the existing adjacent building. The cooler/freezer will be placed behind a privacy screen. The exterior stairs, new rooftop HVAC unit and the adjacent existing HVAC roof top units will be screened from the terrace view with an aluminium louver screen system. A small dining patio will be located behind the dining addition adjacent to roof terrace stairs. Hanging basket chairs (approx.. 3) will be supported from cantilevered steel attached to the stair structure. A similar configuration with (approx.. 4) hanging basket chairs will be located on the roof terrace. Existing bike rack will be relocated on the site and no modifications to the existing or additional parking are proposed.

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21-OVERLAY-0010



Owner:

☐ Check if primary contact

Applicant:

☐ Check if primary contact

Name: GRE, LLC

Company: \_\_\_\_\_

Address: 5400 River Creek Ct.

City: Prospect State: KY Zip: 40059

Primary Phone: 502-777-0880

Alternate Phone: Ø

Email: jongrell@gmail.com

Owner Signature (required): Jm Shell

Name: Rick Moir

Company: Ole Restaurant Group

Address: 112 Meridian Ave.

City: Louisville State: KY Zip: 40207

Primary Phone: 502.785.4711

Alternate Phone: \_\_\_\_\_

Email: rmoir@olehospitalitygroup.com

Attorney:

☐ Check if primary contact

Plan prepared by: ☒ Check if primary contact

Name: Jason Woodall

Company: \_\_\_\_\_

Address: 1974A Douglass Blvd.

City: Louisville State: KY Zip: 40205

Primary Phone: (502) 387-0024

Alternate Phone: \_\_\_\_\_

Email: jason@woodallpllc.com

Name: Stephen Tracy, AIA

Company: Forza Architecture, Inc.

Address: 654 S. Shelby Street, Suite 301

City: Louisville State: KY Zip: 40202

Primary Phone: 502.896.1328 Ex.100

Alternate Phone: 502.419.5685

Email: Steve@forzaarchitecture.com

**Certification Statement:** A certification statement must be submitted with any application in which the owner(s) of the subject property is (are) a limited liability company, corporation, partnership, association, trustee, etc., or if someone other than the owner(s) of record sign(s) the application.

I, Rick Moir, in my capacity as Ole Restaurant Group, hereby  
representative/authorized agent/other

certify that Gre LLC. is (are) the owner(s) of the property which  
name of LLC / corporation / partnership / association / etc.

is the subject of this application and that I am authorized to sign this application on behalf of the owner(s).

Signature

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Date

4/27/21

I understand that knowingly providing false information on this application may result in any action taken hereon being declared null and void. I further understand that pursuant to KRS 523.010, et seq. knowingly making a material false statement, or otherwise providing false information with the intent to mislead a public servant in the performance of his/her duty is punishable as a Class B misdemeanor.

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**Please submit the completed application along with the following items:**

**Required for every application:**

- ☒ Land Development Report<sup>1</sup>
- ☒ Current photographs showing building front, specific project area, and surrounding buildings
- ☒ Elevations, pictures, samples, brochures, or other technical data describing materials, such as windows, doors, roofing, fencing, etc. to be used in the renovation or replacement

**Site and Project plan: (required for building additions, new structures and fencing)**

- ☒ Site plan *drawn to scale* with dimensions, as applies to the project, indicating property lines, structures, landscaping, fencing, and parking
- ☒ Floor plans *drawn to scale* with dimensions and each room labeled
- ☒ Elevation drawings (a drawing showing exterior walls) *drawn to scale* with dimensions.  
For fencing, only photos/drawings of the proposed fence are required.

**Committee Review Only**

*Committee reviews may be required due to the complexity of the case. The necessity of these items will be determined by staff upon review. Projects requiring committee level review include construction of new buildings, demolition, and projects that vary widely from design guidelines.*

- ☐ Two sets of 11"x17" format site plans drawn to scale with dimensions
- ☐ Two sets of 11"x17" elevation drawings to scale with dimensions
- ☐ Two sets of 11"x17" landscaping drawings to scale with dimensions
- ☐ One set of mailing label sheets for: 1<sup>st</sup> tier Adjoining Property Owners (APOs)<sup>3</sup>, owners, applicants, contacts, and Case Manager. Applicant is responsible for mailing.
- ☐ One copy of the mailing label sheets

**Resources:**

1. For a Land Development Report, go to the following website and enter address in the search bar. After the map zooms to the location, click on the icon that looks like the letter "d" in a green circle. Print report.  
<https://www.lojic.org/lojic-online>
2. Deeds and plats can be found at the Jefferson County Clerk's Office (527 West Jefferson Street , 2<sup>nd</sup> fl, 502-574-6220. Many deeds, plats and other records are available online at:  
<https://search.jeffersondeeds.com/>
3. Adjoining property ownership information can be found at the Property Valuation Administrator (PVA) office at 531 Court Place, Suite 504 or via their website: <https://jeffersonpva.ky.gov/property-search/>

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Applications are due on Fridays at 5:00 p.m. Once complete, please bring the application and supporting documentation to: Planning and Design Services, located at 444 South 5<sup>th</sup> Street, Suite 300. For more information, call (502) 574-6230 or visit <https://louisvilleky.gov/government/planning-design/>

**Certificate of Appropriateness:** A project involving physical changes to the exterior of a building, structure, or property designated as a local landmark or located within a local preservation district shall require prior approval in the form of a Certificate of Appropriateness. An approval requires substantial conformance to design guidelines established for each landmark and district. The design guidelines, along with other information regarding local preservation districts, may be found at the website of the Landmarks and Preservation Districts Commission:

**Overlay District Permit:** A project involving physical changes to the exterior of a building, structure, or property within an overlay district shall require prior approval in the form of an Overlay Permit. An approval requires substantial conformance to design guidelines established for each overlay district. The design guidelines, along with other information regarding overlay districts, may be found at the following website:

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GREG FISCHER, MAYOR

**Record Summary for Commercial Addition****Record Detail Information**Record Type: [Commercial Addition](#)Record Status: [Submitted](#)File Date: [April 14, 2021](#)Record Number: [COM-ADD-21-00024](#)Expiration Date: [April 14, 2021](#)Record Name: [900 East Market Street](#)

Parent Record Number:

**Address:** [900 E MARKET ST, LOUISVILLE, KY 40206](#)**Owner Information**

Primary	Owner Name	Owner Address	Owner Phone
<a href="#">Yes</a>	<a href="#">GRE LLC</a>	<a href="#">5400 RIVER CREEK CT, PROSPECT, KY 40059-9543</a>	

**Parcel Information**

Parcel No:  
[017E00710000](#)

**Contact Information**

Name	Organization Name	Contact Type	Phone
	<a href="#">Forza Architecture Inc.</a>	<a href="#">Applicant</a>	<a href="#">(502) 377-7923</a>

Address  
[, KY](#)

**Licensed Professionals Info**

Primary	License Number	License Type	Name	Business Name	Business License #	Phone
<a href="#">Yes</a>	<a href="#">OWNER</a>	<a href="#">Contractor</a>				<a href="#">(502) 377-7923</a>

**Application Specific Information****GENERAL INFORMATION**

Total Square Footage	-
No. Stories	-
Height in Feet	-
No. New Bedrooms	-
Total No. Bedrooms	-
No. New Dwelling Units	-
Total No. Dwell Units	-
Occupant Load	-
PDS Review Category	-
Setback Front	-
Setback Rear	-
Setback Left	-

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METRO DEVELOPMENT CENTER 444 SOUTH 5th STREET SUITE 100 LOUISVILLE, KENTUCKY 40202

502.574.3321 FAX

Setback Right	-
State Inspected	-
Estimated Cost	-
Use Estimated Cost	No
Code Edition	-
Apply Penalty Fee	-

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#### GIS INFORMATION

CDBG Funding	CD
Conveyance Zone Review Zone	No
Council District	4
Current Subdivision Name	NONE
FEMA Floodplain Review Zone	No
FEMA Floodway Review Zone	No
Floodplain Ordinance Review Zone	No
Form District	TRADITIONAL MARKETPLACE CORRIDOR
Historic Preservation District	NONE
Historic Site	NO
Karst Soil Texture	No
MSD Property Service Connection	No
MSD Sewer Recap Fee Area	No
Municipality	LOUISVILLE
National Register District	NONE
Overlay Name	NULU
Plan Certain	NONE
Plat Book - Page	NONE
Potential Steep Slope	No
System Development District	NO
Zoning	EZ1

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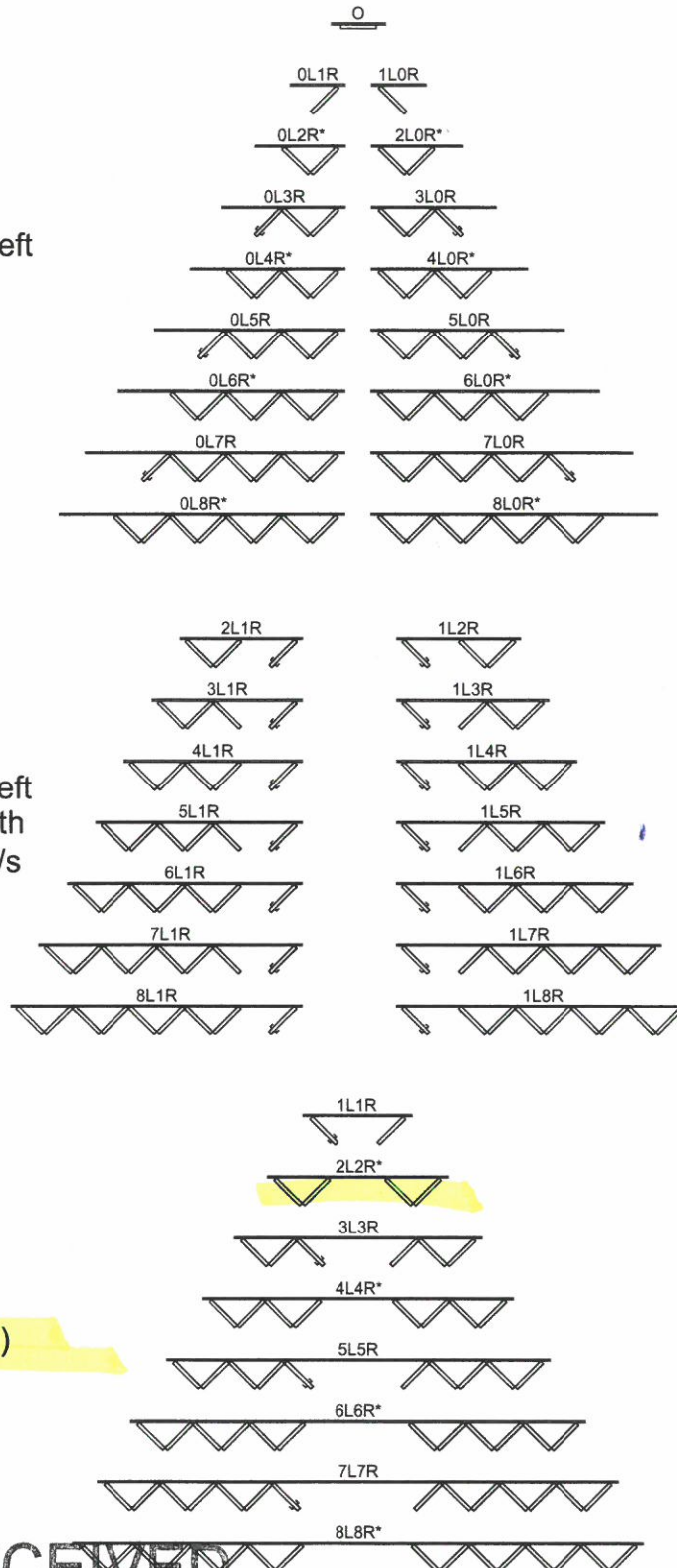
**Configurations**

Stationary Unit

Uni-directional Left  
or Right Units

Uni-directional Left  
or Right Units with  
Operating Panel/s

Bi-parting (equal)  
Units



\* Not accessible from the exterior.

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# Standard Size Chart (Heights)

Ultimate Wood Bi-Fold Door - Unit Measurements															
Performance Sill (Height)															
Unit Type	CN	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size		Screen OM	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
All Configurations	6-8	82 1/4	(2089)	82 1/2	(2096)	82	(2083)	76 13/16	(1951)	67 5/16	(1710)	68 5/8	(1743)	81 5/32	(2061)
	7-0	86 1/4	(2191)	86 1/2	(2197)	86	(2184)	80 13/16	(2053)	71 5/16	(1811)	72 5/8	(1845)	85 5/32	(2163)
	8-0	95 3/4	(2432)	96	(2438)	95 1/2	(2426)	90 5/16	(2294)	80 13/16	(2053)	82 1/8	(2086)	94 21/32	(2404)
	9-0	107 3/4	(2737)	108	(2743)	107 1/2	(2731)	102 5/16	(2599)	92 13/16	(2357)	94 1/8	(2391)	106 21/32	(2709)
	10-0	119 3/4	(3042)	120	(3048)	119 1/2	(3035)	114 5/16	(2904)	104 13/16	(2662)	106 1/8	(2696)	118 21/32	(3014)

Low Profile Sill (Height)															
Unit Type	CN	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size		Screen OM	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
All Configurations	6-8	82 1/32	(2084)	82 9/32	(2090)	81 25/32	(2077)	76 13/16	(1951)	67 5/16	(1710)	68 5/8	(1743)	81 31/32	(2082)
	7-0	86 1/32	(2185)	86 9/32	(2192)	85 25/32	(2179)	80 13/16	(2053)	71 5/16	(1811)	72 5/8	(1845)	85 31/32	(2184)
	8-0	95 17/32	(2427)	95 25/32	(2433)	95 9/32	(2420)	90 5/16	(2294)	80 13/16	(2053)	82 1/8	(2086)	95 15/32	(2425)
	9-0	107 17/32	(2731)	107 25/32	(2738)	107 9/32	(2725)	102 5/16	(2599)	92 13/16	(2357)	94 1/8	(2391)	107 15/32	(2730)
	10-0	119 17/32	(3036)	119 25/32	(3043)	119 9/32	(3030)	114 5/16	(2904)	104 13/16	(2662)	106 1/8	(2696)	119 15/32	(3035)

Floor Channel (Height)															
Unit Type	CN	Masonry Opening		Rough Opening		Frame Size		Panel OM		Daylight Opening		Glass Size		Screen OM	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
All Configurations	6-8	82 1/4	(2089)	81 11/64	(2062)	80 43/64	(2049)	76 13/16	(1951)	67 5/16	(1710)	68 5/8	(1743)	81 31/32	(2082)
	7-0	86 1/4	(2191)	85 11/64	(2163)	84 43/64	(2151)	80 13/16	(2053)	71 5/16	(1811)	72 5/8	(1845)	85 31/32	(2184)
	8-0	95 3/4	(2432)	94 43/64	(2405)	94 11/64	(2392)	90 5/16	(2294)	80 13/16	(2053)	82 1/8	(2086)	95 15/32	(2425)
	9-0	107 3/4	(2737)	106 43/64	(2710)	106 11/64	(2697)	102 5/16	(2599)	92 13/16	(2357)	94 1/8	(2391)	107 15/32	(2730)
	10-0	119 3/4	(3042)	118 43/64	(3014)	118 11/64	(3002)	114 5/16	(2904)	104 13/16	(2662)	106 1/8	(2696)	119 15/32	(3035)

NOTE: Storm Plus IZ3 available with performance sill only.

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**Access Panel - Net Clear Opening**

Net Clear Opening Height					
All Configuration	Call Number	Performance Sill		Low Profile Sill and Floor Channel	
		ft - in	mm	ft - in	mm
	6-8	6-4	(1930)	6-4 53/64	(1951)
	7-0	6-8	(2032)	6-8 53/64	(2053)
	8-0	7-6	(2286)	7-6 21/64	(2294)
	9-0	8-5 1/2	(2578)	8-6 21/64	(2599)
	10-0	9-5 1/2	(2883)	9-6 21/64	(2904)

NOTE: IZ3 available with performance sill only.

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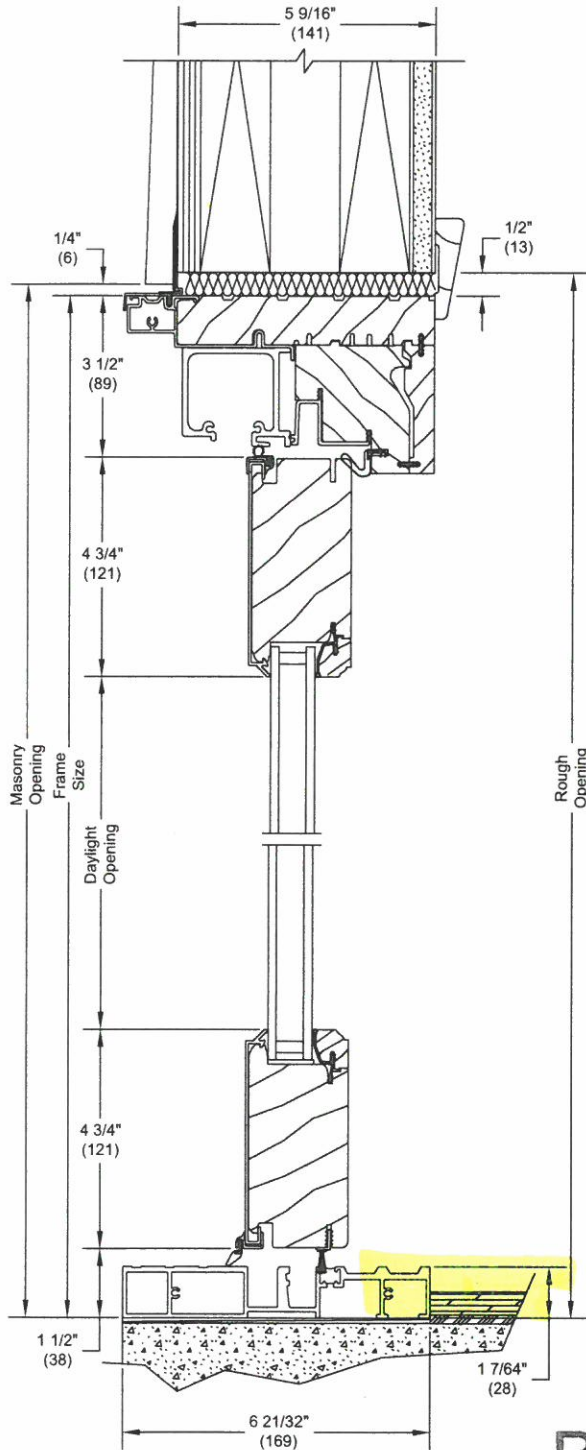
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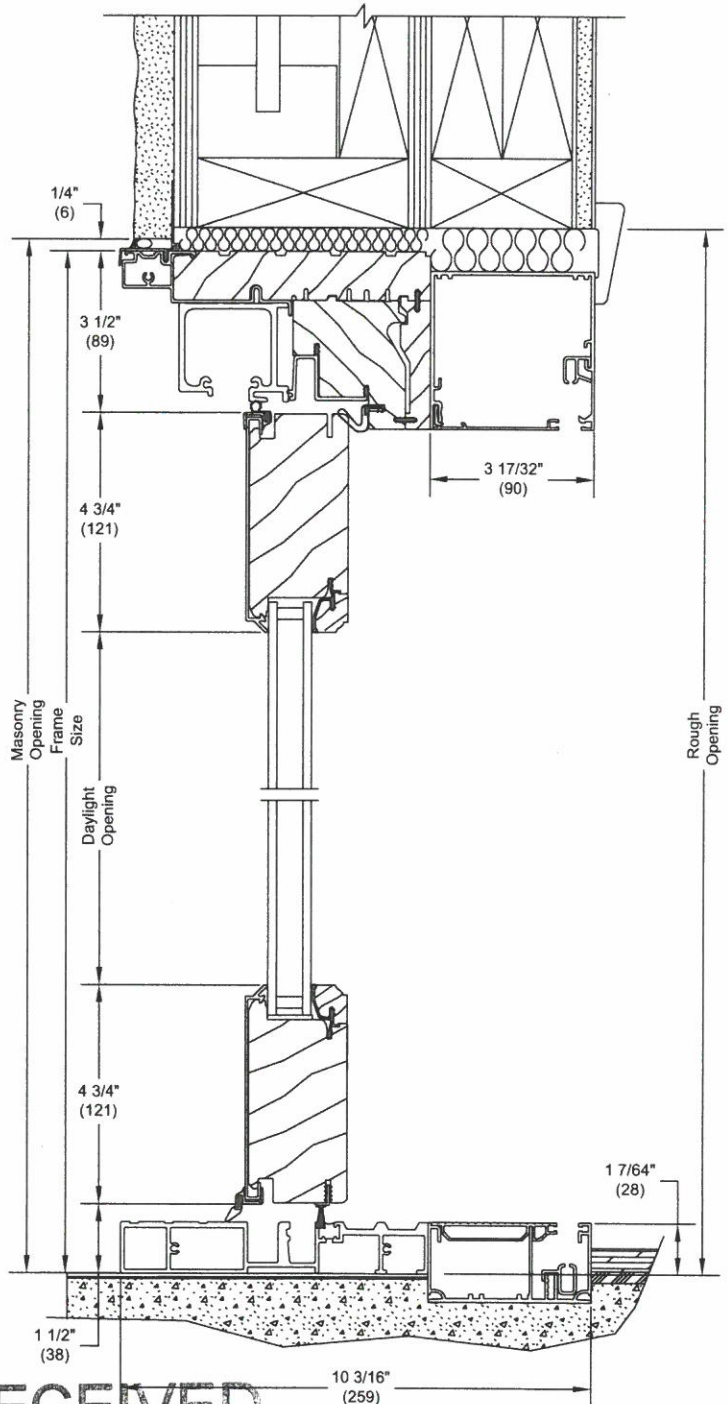
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**Sill Detail: Low Profile Sill**

Scale: Not to Scale



Head Jamb and Sill



Head Jamb and Sill  
With Screen

NOTE: Low profile sill is not available in IZ3.

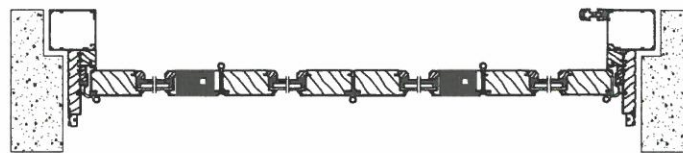
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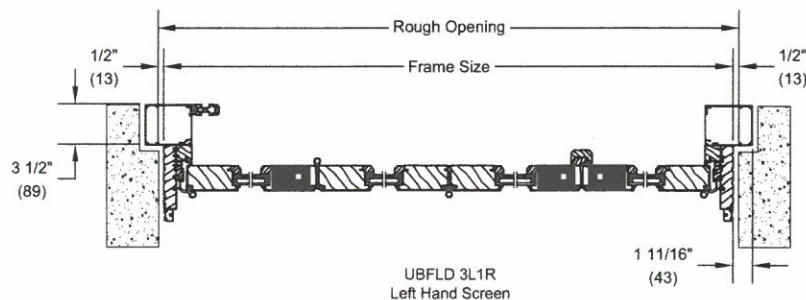
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**Section Details: Horizontal - IZ3**

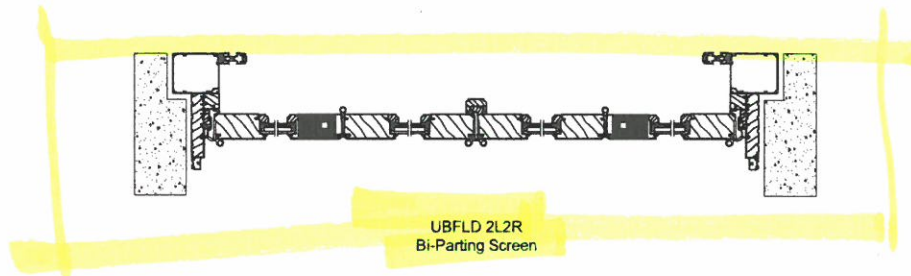
Scale: Note to Scale



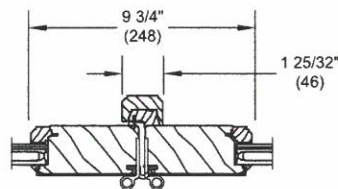
UBFLD 4R  
Right Hand Screen



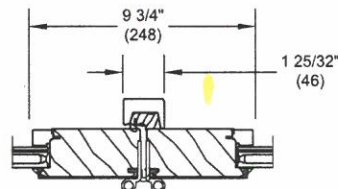
UBFLD 3L1R  
Left Hand Screen



UBFLD 2L2R  
Bi-Parting Screen



Astragal Detail  
with Ogee Sticking



Astragal Detail  
with Square Sticking

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**NEW!**

# CRL LAMINATED TEMPERED GLASS RAILING PANELS

*With CRL's Precise Edge Technology*

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*For "GRS" TAPER-LOC® Glass Rail Systems*

## Available Thickness:

9/16" (13.52 mm), 11/16" (17.52 mm), 27/32" (21.52 mm), and 1-1/16" (25.52 mm) "Rail Glass"



- Laminated Clear Tempered and Low Iron Starphire® Glass Types Available for Use With CRL's GRS Laminated Glass Railing Systems
- Flat Polished Vertical Edges With CRL's "Precise Edge" Technology
- 48" and 60" (1219 and 1524 mm) Wide Glass Panels in Stock
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- Works With CRL's Patented Dry Glazed TAPER-LOC® System
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- Meets IBC 2015 Building Code Requirements

CRL's Laminated "Rail Glass" panels for glass balustrade applications meet the test criteria of ANSI Z97.1, and CPSC 16 CFR1201, and are produced with a rigid ionoplast interlayer. Our "Precise Edge" Technology dramatically improves the edge quality of laminated glass and gives each flat polished edge a consistent clean look and feel. All Laminated "Rail Glass" is available in two stock sizes. Custom sizes, fabrication, and edge work is also available upon request. **NOTE:** Boxing and crating charges will apply. Contact CRL's Railing Technical Sales for more information.

• Proudly Produced in the U.S.A

### 9/16" (13.52 MM) THICK LAMINATED TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
LG13C48	48" W x 41" H (1219 x 1041 mm)	Lami Clear Tempered
LG13C60	60" W x 41" H (1524 x 1041 mm)	Lami Clear Tempered
LG13CC	Custom Size (Specify)	Lami Clear Tempered
LG13LC	Custom Size (Specify)	Lami Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

Glass Makeup: 1/4" (6 mm) x .060 (1.52 mm) Ionoplast x 1/4" (6 mm)

Thickness Range: 0.497" (12.62 mm) to 0.549" (13.94 mm)

Weight Per Square Foot (Pounds): 6.83

### 11/16" (17.52 MM) THICK LAMINATED TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
LG17CC	Custom Size (Specify)	Lami Clear Tempered
LG17LC	Custom Size (Specify)	Lami Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

Glass Makeup: 5/16" (8 mm) x .060 (1.52 mm) Ionoplast x 5/16" (8 mm)

Thickness Range: 0.666" (16.92 mm) to 0.713" (18.12 mm)

Weight Per Square Foot (Pounds): 8.83

### 27/32" (21.52 MM) THICK LAMINATED TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
LG21C48	48" W x 41" H (1219 x 1041 mm)	Lami Clear Tempered
LG21C60	60" W x 41" H (1524 x 1041 mm)	Lami Clear Tempered
LG21CC	Custom Size (Specify)	Lami Clear Tempered
LG21LC	Custom Size (Specify)	Lami Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

Glass Makeup: 3/8" (10 mm) x .060 (1.52 mm) Ionoplast x 3/8" (10 mm)

Thickness Range: 0.803" (20.40 mm) to 0.903" (22.94 mm)

Weight Per Square Foot (Pounds): 10.09

### 1-1/16" (25.52 MM) THICK LAMINATED TEMPERED GLASS

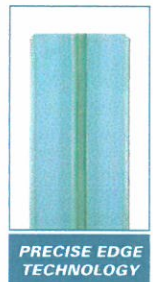
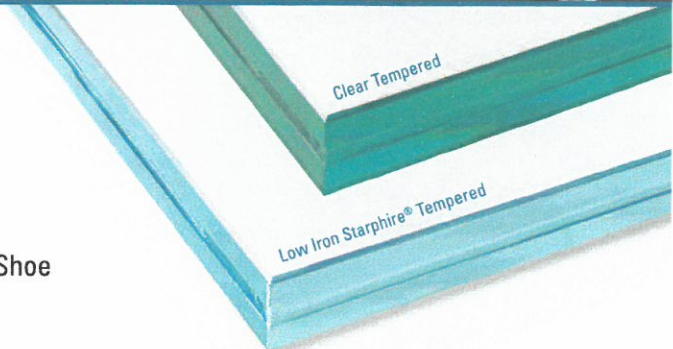
CAT. NO.	SIZE	DESCRIPTION
LG25CC	Custom Size (Specify)	Lami Clear Tempered
LG25LC	Custom Size (Specify)	Lami Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

Glass Makeup: 1/2" (12 mm) x .060 (1.52 mm) Ionoplast x 1/2" (12 mm)

Thickness Range: 0.960" (24.90 mm) to 1.060" (26.92 mm)

Weight Per Square Foot (Pounds): 13.35



Starphire® is a registered trademark of PPG Industries Ohio, Inc.



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Phone: (800) 421-6144 Ext. 7730

Fax: (866) 921-0532

Email: [railings@crlaurence.com](mailto:railings@crlaurence.com)

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[usalum.com](http://usalum.com)

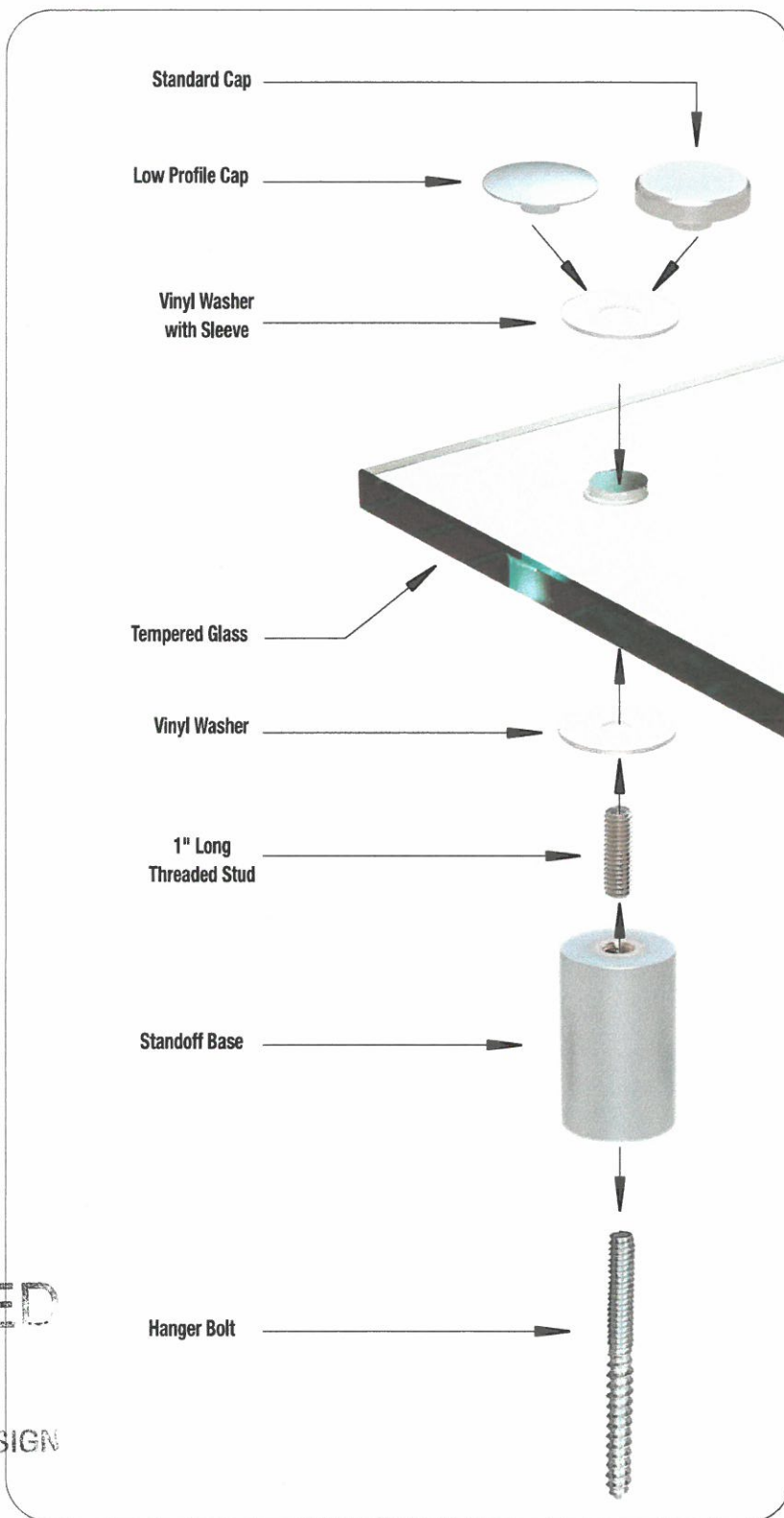
[crl-arch.com](http://crl-arch.com)

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ARCHITECT: CRL

## CRL Standoff Systems Typical Mounting Application



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<a href="#">Frameless Shower Door</a>	<a href="#">Storefronts &amp; Entrances</a>	<a href="#">Architectural Railings</a>	<a href="#">Architectural Metals</a>	<a href="#">Transaction &amp; Hospitality</a>
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What's New

**CRL 1-1/2" Diameter x 1-1/2" Long  
Stainless Standoff Bases**

CLICK HERE TO VIEW  
**MORE CHOICES**



[View Larger Image](#)

Catalog Number: **SOB112112BS**  
Finish: **BRUSHED STAINLESS**

- Design Options Including Signage, Furniture and Retail Display
- Brushed 316 Stainless
- Constructed of 316 Stainless Steel
- Custom Sizes and Finishes are Also Available

In display or furniture manufacturing, the innovative design achieves maximum exposure and attention. **CRL's 1-1/2" Diameter Standoff System** provides the user with unlimited design potential for retail store, restaurant or commercial applications. By simply drilling 5/8" (16 mm) holes in glass, plastic or wood panels, and polishing or finishing the edges, a completely different and contemporary look can be achieved.



**CRL Brushed Stainless Standoff Base  
1-1/2" Diameter by 1-1/2" in Length**

**Pricing and Ordering Information**  
SIGN ON HERE

If You Are in a Related Business  
and Have Never Purchased  
from CRL, [CLICK HERE](#)

Individuals and Non-Related  
Businesses Can Find Out  
Where to Purchase

**Other Products/Finishes:**

CATALOG NUMBER	DESCRIPTION	COLOR
<b>SOB112112BS</b>	CRL Brushed Stainless Standoff Base 1-1/2" Diameter by 1-1/2" in Length	
<b>SOB112112PS</b>	CRL Polished 316 Stainless Standoff Base 1-1/2" Diameter by 1-1/2" in Length	

**More Details:**

Catalog Number:	<b>SOB112112BS</b>
Also Available in These Catalogs:	SC18 Standoff and Clamp Hardware, PAGE 16SC CRL53R Glass & Glazing Catalog, PAGE 244G CRL63A Architectural Hardware Master, PAGE 638H AM09 Architectural Metals 2009, PAGE M249
Color:	Brushed Stainless
Diameter:	1-1/2" (38 mm)
Length:	1-1/2" (38 mm)
Thread:	3/8"-16
Ship Via:	Can Ship UPS
Shipping Weight:	1 lb (454g)
Minimum Order:	1 Each

**Additional Product Information:**

Available in many distinctive and popular finishes, they are "high-tech" in both design and appearance. They are part of a uniquely flexible system which can also incorporate CRL [Edge Grips](#) and [Swivel Fittings](#) for maximum versatility. These Standoff Bases come in several different lengths, from 1/2" to 4". [Matching Cap Assemblies](#) must be ordered separately.

The Standoff System incorporates a complete range of [Mounting Accessories](#) that you can order in any quantity required to complete the job, with no unused "leftover" components. For installation techniques or design assistance using our Standoffs, contact the our Technical Sales Department.

**Important Notes:**

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

Most shipping weights are approximate and have not been verified. If the exact weight is needed in order to determine shipping costs, and shipping costs are required in order for you to complete your order, please request this prior to submitting your order by contacting [CRL Customer Service](#). Product images shown are of the actual product or a close representation. Colors can vary depending on your computer's video card and on how your monitor's color is adjusted.

**Related Items:**



**CA3816**  
CRL Concrete

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Anchors for 1-  
1/2" and 2"  
Standoff Bases



**CWK112**  
CRL 1-1/2"  
Replacement  
Washers



**HB38112S**  
CRL Stainless 1-  
1/2" Long Hanger  
Bolt for 1-1/2"  
and 2" Diameter  
Standoffs



**FW38S**  
CRL Stainless  
3/8"-16 Flat  
Washer for 1-1/2"  
and 2" Diameter  
Standoffs



**CAP112BS**  
CRL 316 Brushed  
Stainless 1-1/2"  
Diameter  
Standoff Round  
Cap Assembly



**SOW**  
CRL Spanner  
Wrench for Round  
Standoff Cap  
Assembly

Questions? Contact CRL Customer Service by calling (800) 421-6144 or online by clicking on Contact Us.

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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.

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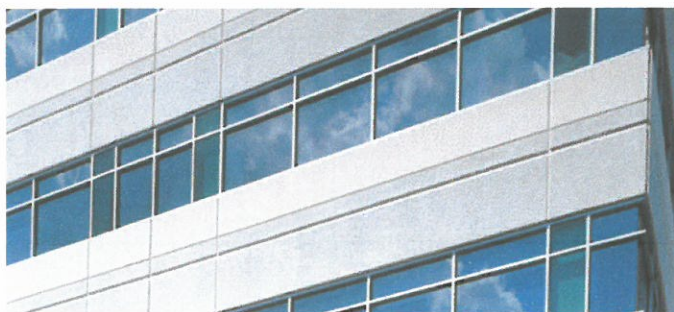
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## ECONOMY

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.

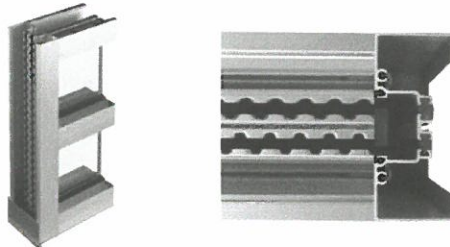
All systems can be flush glazed from either the inside or outside. The weatherseal option provides an alternative to SSG vertical mullions for Trifab® VersaGlaze® 450/451/451T. This ABS/ASA rigid polymer extrusion allows complete inside glazing and creates a flush glass appearance on the building exterior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

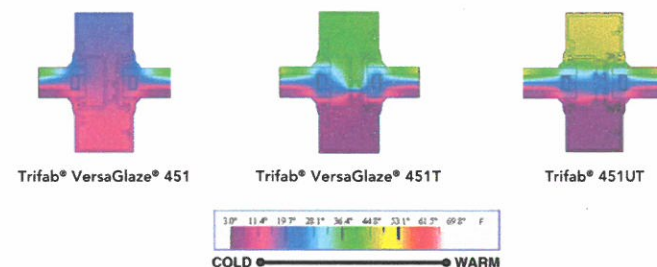
Kawneer's Isolock® thermal break technology creates a composite section, prevents dry shrinkage and is available on Trifab® VersaGlaze® 451T. For even greater thermal performance, a dual Isolock® thermal break is used on Trifab® 451UT.



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



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Kawneer Company, Inc.  
Technology Park / Atlanta

555 Guthridge Court  
Norcross, GA 30092

770.449.5555  
kawneer.com

**KAWNEER**

ARCHITECTURAL SYSTEMS | ENTRANCES + FRAMING | CURTAIN WALLS | WINDOWS

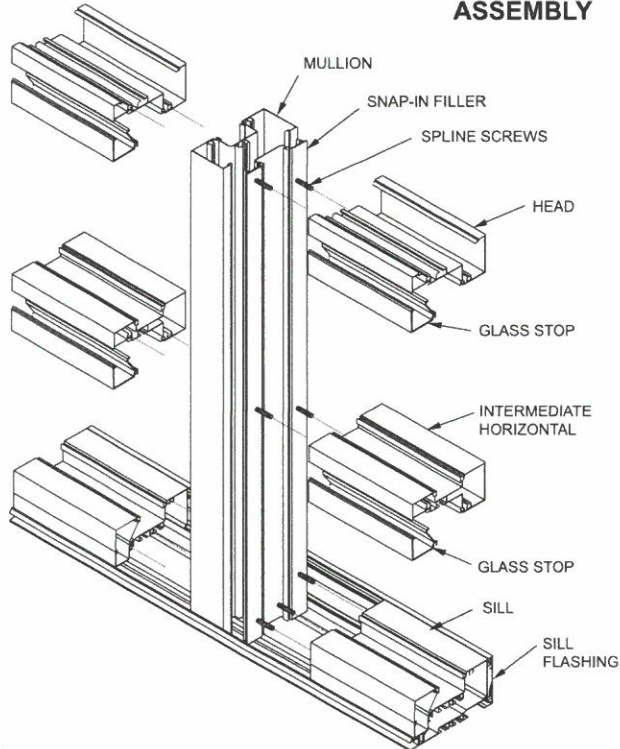
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Form Number 17-2289-C  
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GLASSvent® are registered trademarks  
of Kawneer Company, Inc.



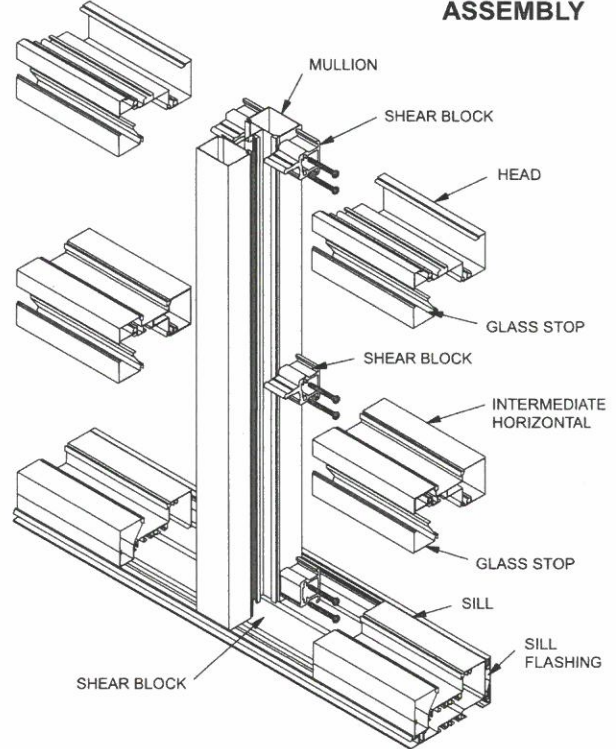
The split vertical in the **Screw Spline** system allows a frame to be installed from unitized assemblies. Screws are driven through the back of the verticals into splines extruded in the horizontal framing members. The Individual units are then snapped together to form a complete frame.

### SCREW SPLINE ASSEMBLY

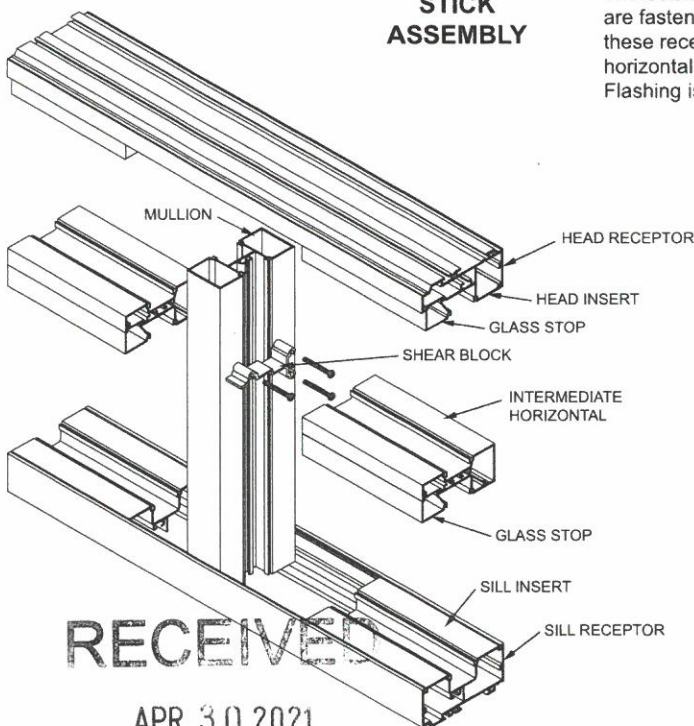


The **Shear Block** system of fabrication allows a frame to be pre-assembled as a single unit. Horizontals are attached to the verticals with shear blocks.

### SHEAR BLOCK ASSEMBLY



### STICK ASSEMBLY



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

#### NOTE:

If the end reaction of the mullion (mullion spacing (ft.) times height (ft.) times specified wind load (psf) divided by two) is more than 500 lbs., the optional mullion anchors must be used. (See page 16)

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Thermal Transmittance <sup>1</sup> (BTU/hr • ft<sup>2</sup> • °F)

Glass U-Factor <sup>3</sup>	Overall U-Factor <sup>4</sup>
0.48	0.54
0.46	0.52
0.44	0.51
0.42	0.49
0.40	0.48
0.38	0.46
0.36	0.44
0.34	0.43
0.32	0.41
0.30	0.40
0.28	0.38
0.26	0.36
0.24	0.35
0.22	0.33
0.20	0.32
0.18	0.29
0.16	0.28
0.14	0.26
0.12	0.25
0.10	0.23

Trifab® VersaGlaze® 451T  
(CENTER – Thermal)

**NOTE:** For glass values that are not listed, linear interpolation is permitted.

1. U-Factors are determined in accordance with NFRC 100.
2. SHGC and VT values are determined in accordance with NFRC 200.
3. Glass properties are based on center of glass values and are obtained from your glass supplier.
4. Overall U-Factor, SHGC, and VT Matrices are based on the standard NFRC specimen size of 2,000 mm wide by 2,000 mm high (78-3/4" by 78-3/4").

SHGC Matrix <sup>2</sup>

Glass SHGC <sup>3</sup>	Overall SHGC <sup>4</sup>
0.75	0.67
0.70	0.62
0.65	0.58
0.60	0.53
0.55	0.49
0.50	0.45
0.45	0.40
0.40	0.36
0.35	0.32
0.30	0.27
0.25	0.23
0.20	0.18
0.15	0.14
0.10	0.10
0.05	0.05

Visible Transmittance <sup>2</sup>

Glass VT <sup>3</sup>	Overall VT <sup>4</sup>
0.75	0.66
0.70	0.61
0.65	0.57
0.60	0.53
0.55	0.48
0.50	0.44
0.45	0.39
0.40	0.35
0.35	0.31
0.30	0.26
0.25	0.22
0.20	0.18
0.15	0.13
0.10	0.09
0.05	0.04

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

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

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## P5642-30K - Cylinder - Outdoor Light - 2 Light in Modern style - 6 Inches wide by 18 Inches high by Progress Lighting

### Specs

Family/Collection:	Cylinder
Width/Diameter (in):	6.00"
Height:	18.00"
Depth/Extension:	8.88"
Back Plate Length:	4.50"
Back Plate Width:	4.50"
Height from Center:	8.00"
Weight:	5.90 lbs.
Wire Length:	6.00"
# of Bulbs:	2
Standard Wattage:	29W
Bulb Type:	LED
Voltage Rating:	120V
Material:	Cast Aluminum
Bulbs Included:	Yes

### Style and Option 1

Style:	Antique Bronze Finish
Item #:	P5642-20/30K
Price:	\$194.00

### Style and Option 2

Style:	White Finish
Item #:	P5642-30/30K
Price:	\$194.00

### Style and Option 3

Style:	Black Finish
Item #:	P5642-31/30K

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Price: \$194.00

**Style and Option 4**

Style: Metallic Gray Finish

Item #: P5642-82/30K

Price: \$194.00



**LIFETIME  
WARRANTY**



**SHIPS TO  
CANADA**



**LED**

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MANUFACTURING

## SPECIFICATIONS

Available in 6 stock colors: white, brown, ensor green, black, woodland green, and bronze



Industrial Aircraft Rivets are used to ensure added durability and strength

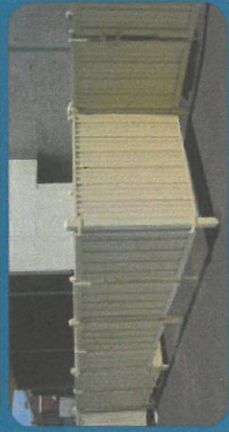
Features an embossed wood grain finish

Long lasting 11 gauge G90 galvanized steel channels

Optional angle board available for added privacy

25 gauge G90 galvanized steel interlocking boards

20 Year Warranty



Call Dealer for Sample Piece  
866-310-2747



## Do It Right the First Time

With a 20 year warranty, Iron World privacy panels are built to last and dress up those unsightly areas of your property. You can spend a little up front to install it once or continue to replace your enclosures year in and year out. Realize the Iron World difference.



9390 Davis Avenue  
Howard County, Maryland 20723  
Phone: (301) 776-7448 • 1-866-310-2747  
Fax: (301) 776-7449 [www.ironworldfencing.com](http://www.ironworldfencing.com)

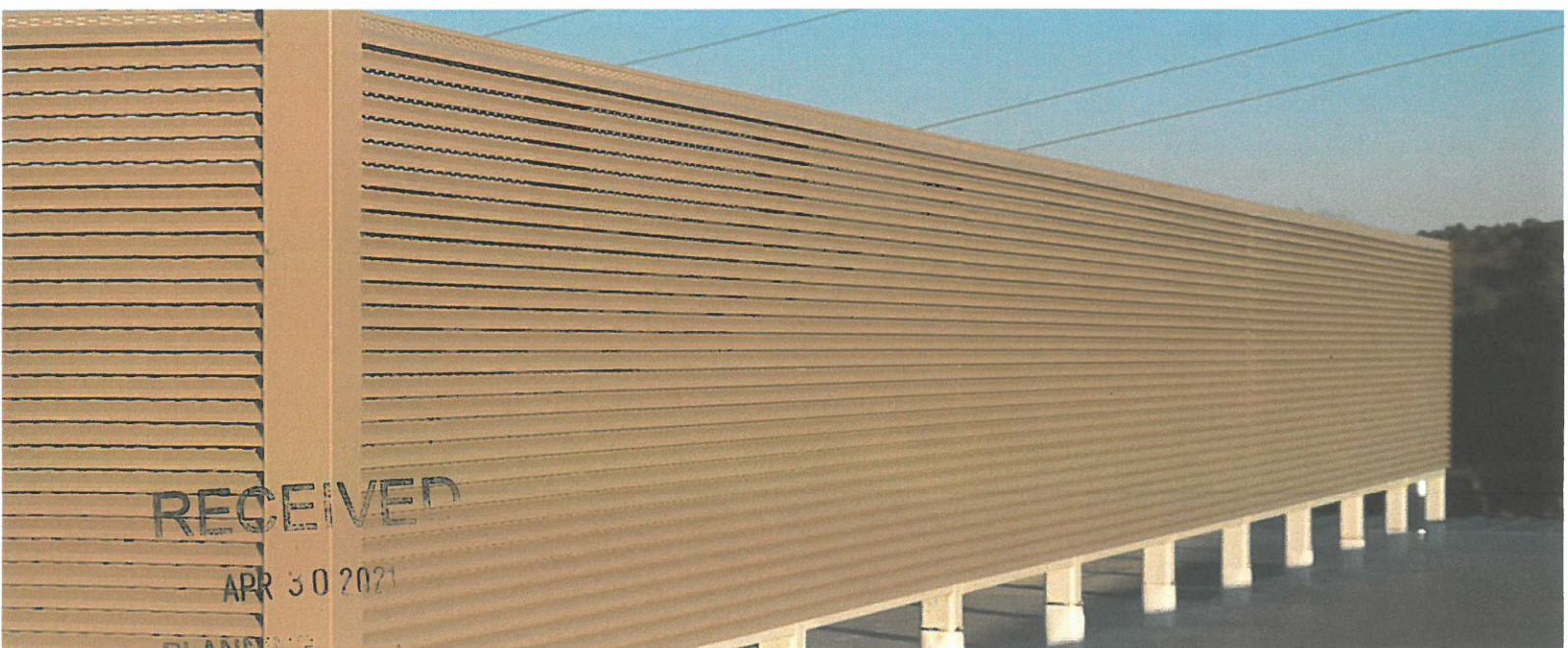
## Privacy Panels





The Hollywood system is an effective way to obscure rooftop equipment, or to use as a decorative wall panel for added curb appeal on any property. These aluminum constructed systems are offered with multiple cladding options and can be applied in multiple orientations and angles to achieve a custom appearance. The Hollywood system is a great way to add a finishing touch.

**Made in the U.S.A.**

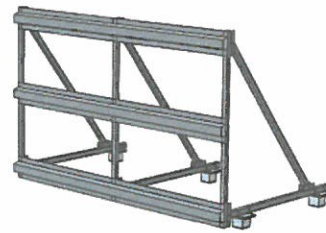


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## ROOF SCREENS

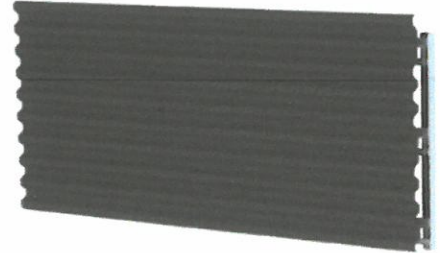
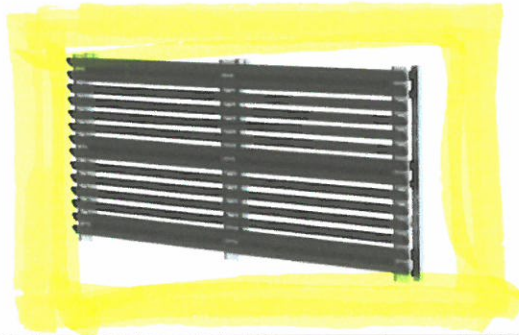
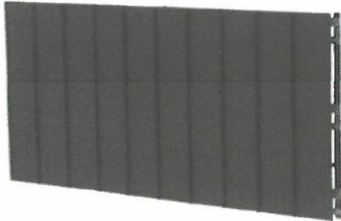


Embedded Post Style

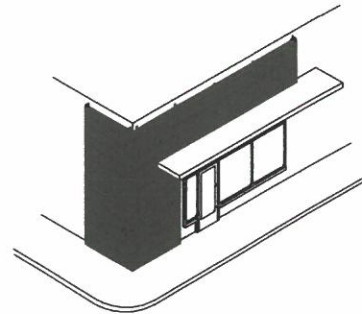
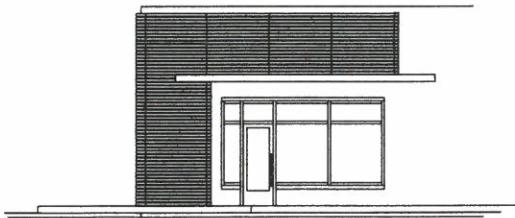


Surface Mount Style

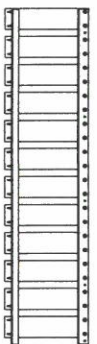
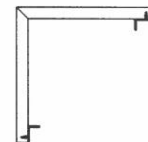
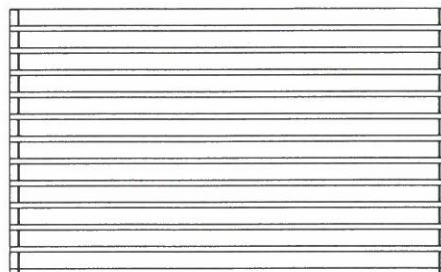
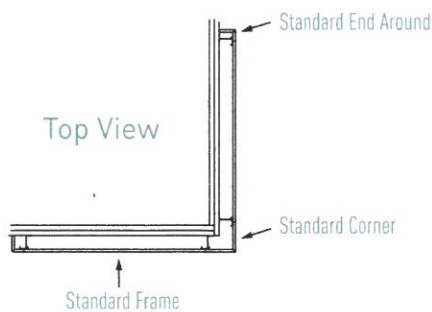
## CLADDING OPTIONS



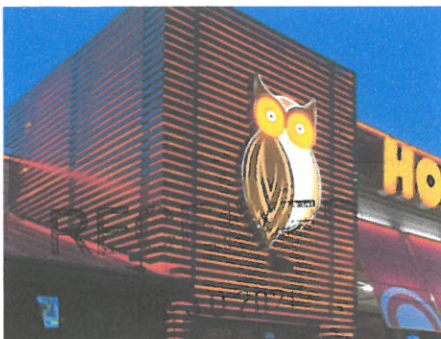
## LOUVER WALL PANELS



## LOUVER WALL PANEL EXAMPLE

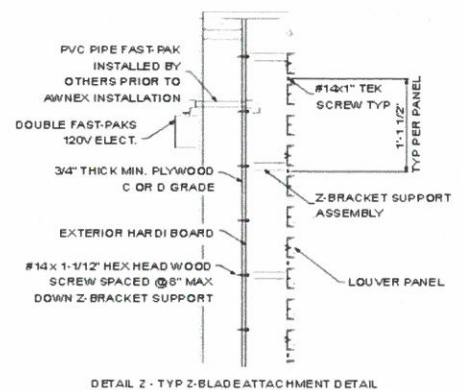
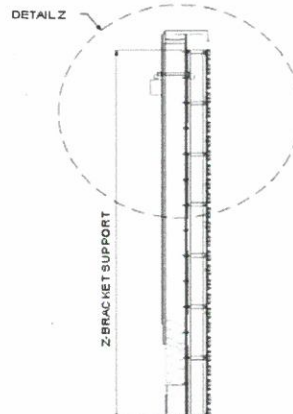


## OPTIONAL LED LIGHTING



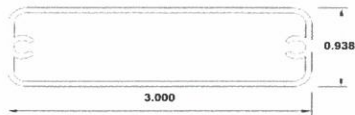
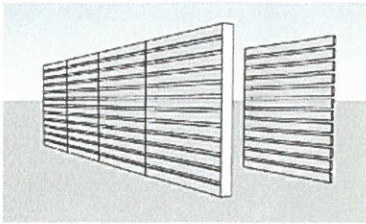
PLANK SIGN  
SIGN

## LIGHTING SPECS

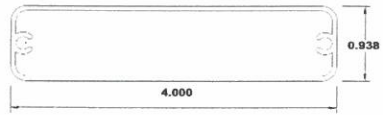
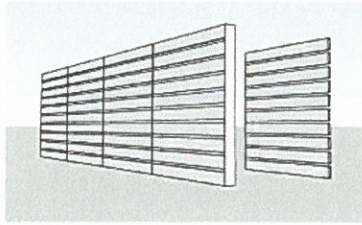


AVAILABLE LOUVER OPTIONS

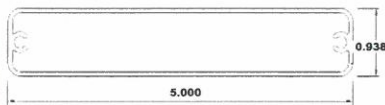
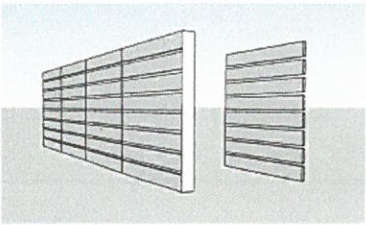
1 X 3 Slats



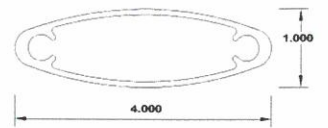
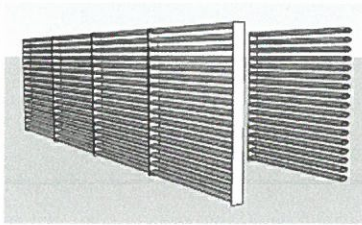
1 X 4 Slats



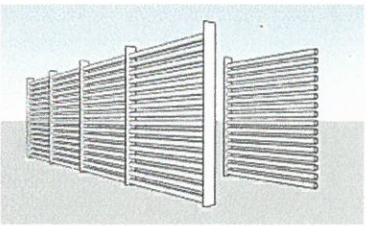
1 X 5 Slats



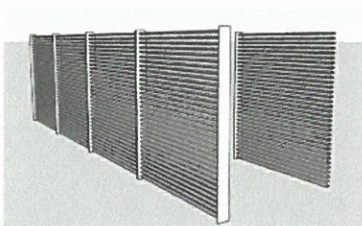
4" Airfoils



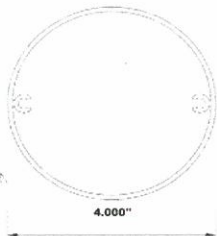
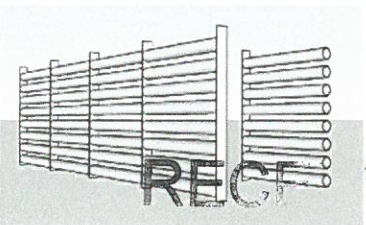
2" Diameter



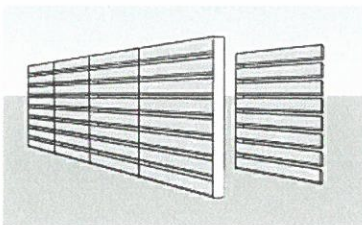
2" Airfoils



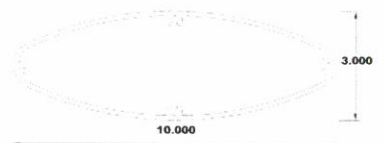
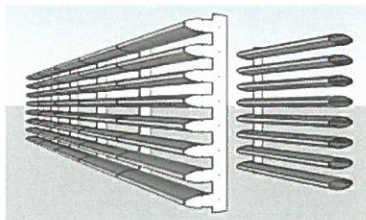
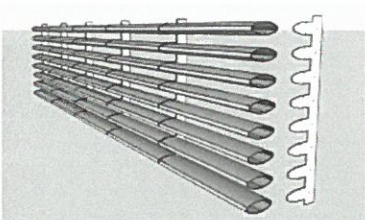
4" Diameter



5" Shadow



10" Airfoils



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SPEC.

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