

ARB Application No.:

17-1409

Building Permit No.



# CITY OF VENICE Architectural Review Board APPLICATION

APR - 6 2017

TO APPEAR BEFORE THE ARCHITECTURAL REVIEW BOARD FOR A  
CERTIFICATE OF ARCHITECTURAL COMPLIANCE

☐ HISTORICAL DISTRICT ☒ VENETIAN THEME DISTRICT ☐ NON-CONFORMING

OWNER: <b>Sarasota County - Venice Library</b>	DATE: <b>04/06/17</b>
ADDRESS OF ACTIVITY: <b>0408-13-0012</b> <b>300 Nokomis Ave. South, Venice FL 34285</b>	PHONE: <b>941.549.4549</b>

Please send agenda & other correspondence to the following address::

Sweet Sparkman Architects  
2168 Main Street  
Sarasota, FL 34237

	Architect	Engineer	Contractor
Name:	Sweet Sparkman Architects	CPH - Civil Engineer	AJAX/TANDEM CONSTRUCTION
Telephone:	941.952.0084	941.365.4771	813.792.3000/941.954.1599

<input type="checkbox"/>	ADDITION, TO A			
<input checked="" type="checkbox"/>	CONSTRUCTION, OF A		OF A COMMERCIAL BUILDING	\$75.00
<input type="checkbox"/>	DEMOLITION OF A			
<input type="checkbox"/>	RENOVATION OF A			
<input type="checkbox"/>	CONSTRUCTION	<input type="checkbox"/>	SINGLE FAMILY RESIDENCE	
		<input type="checkbox"/>	DUPLEX	\$50.00
<input type="checkbox"/>	ADDITION TO A	<input type="checkbox"/>	SINGLE FAMILY RESIDENCE	
<input type="checkbox"/>	DEMOLITION OF A	<input type="checkbox"/>	DUPLEX	\$25.00
<input type="checkbox"/>	RENOVATION OF A			
<input type="checkbox"/>	DECORATION AND			\$15.00
	TRIM, FENCES,			
	SCREEN WALLS,			
	AWNINGS, SHUTTERS			
	AND CANOPIES,			
	LIGHTING, ETC			

You are required to provide thirteen (14) sets of plans and specifications and the filing fee to the Building Department.

Required Drawings and information for submission to the Architectural Review Board shall be as indicated on the back side of this form.

Open: CASHIERJS Type: OC Drawer: 1  
Date: 4/07/17 00 Receipt no: 55261  
MS MISCELLANEOUS  
00100003418901  
00100001040300  
OK CHECK 8703 \$75.00  
Total tendered \$75.00  
Total payment \$75.00  
Trans date: 4/06/17 Time: 15:08:40

## ARCHITECTURAL REVIEW BOARD SUBMISSION REQUIREMENTS

<b>A</b>	<b>Site plan</b> - indicating new and existing structures. New structures shall be indicated with cross hatch or shading.	<b>X</b>
<b>B</b>	<b>Floor plan</b> - provide a plan view of existing structure(s) with proposed modifications or floor plan of new structures. Minimum scale shall be 1/8" = 1'-0".	<b>X</b>
<b>C</b>	<b>Elevations</b> - complete front, side and rear elevations indicating proposed modifications to existing facades and /or proposed new elevations. Provide notes indicating textures, materials, trim types, window and door types, etc. Minimum scale is 1/8" = 1'-0".	<b>X</b>
<b>D</b>	<b>Photographs of existing structures</b> - provide photographs of existing conditions showing architectural details, colors, and materials.	<b>X</b>
<b>E</b>	<b>Decorative trim</b> - if used, provide samples or profile drawings of proposed decorative trim and moldings.	<b>X</b>
<b>F</b>	<b>Exterior colors</b> - Provide paint chip samples of all exterior wall and trim colors. Indicate main body, accent, and trim colors.	<b>X</b>
<b>G</b>	<b>Exterior light fixtures</b> - provide product information, cut sheets or drawings of proposed exterior light fixtures and locations.	<b>X</b>
<b>H</b>	<b>Roof tile</b> - provide sample of proposed roof tile and color.	<b>X</b>
<b>I</b>	<b>Exterior doors and windows</b> - cut sheets or drawings of proposed exterior doors and windows including mullions and muntins if used.	<b>X</b>

**Please be advised that the omission of any item required by the review board or indicated in the ordinance may result in the tabling, or disapproval of the application.**

<b>REVIEW &amp; APPROVAL FOR C.A.C. BY BUILDING OFFICIAL:</b>	<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> <span>SIGNATURE</span> <span>DATE</span> </div>
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<b>ZONING REVIEW (if applicable):</b>	<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> <span>SIGNATURE</span> <span>DATE</span> </div>
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<b>FORWARDED TO THE ARCHITECTURAL REVIEW BOARD FOR APPROVAL OF A CERTIFICATE OF ARCHITECTURAL COMPLIANCE.</b>	<div style="border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-between;"> <span>SIGNATURE</span> <span>DATE</span> </div>
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☐ **GUIDE BOOK PURCHASE REQUIRED**

REVISED JUNE 25, 2012

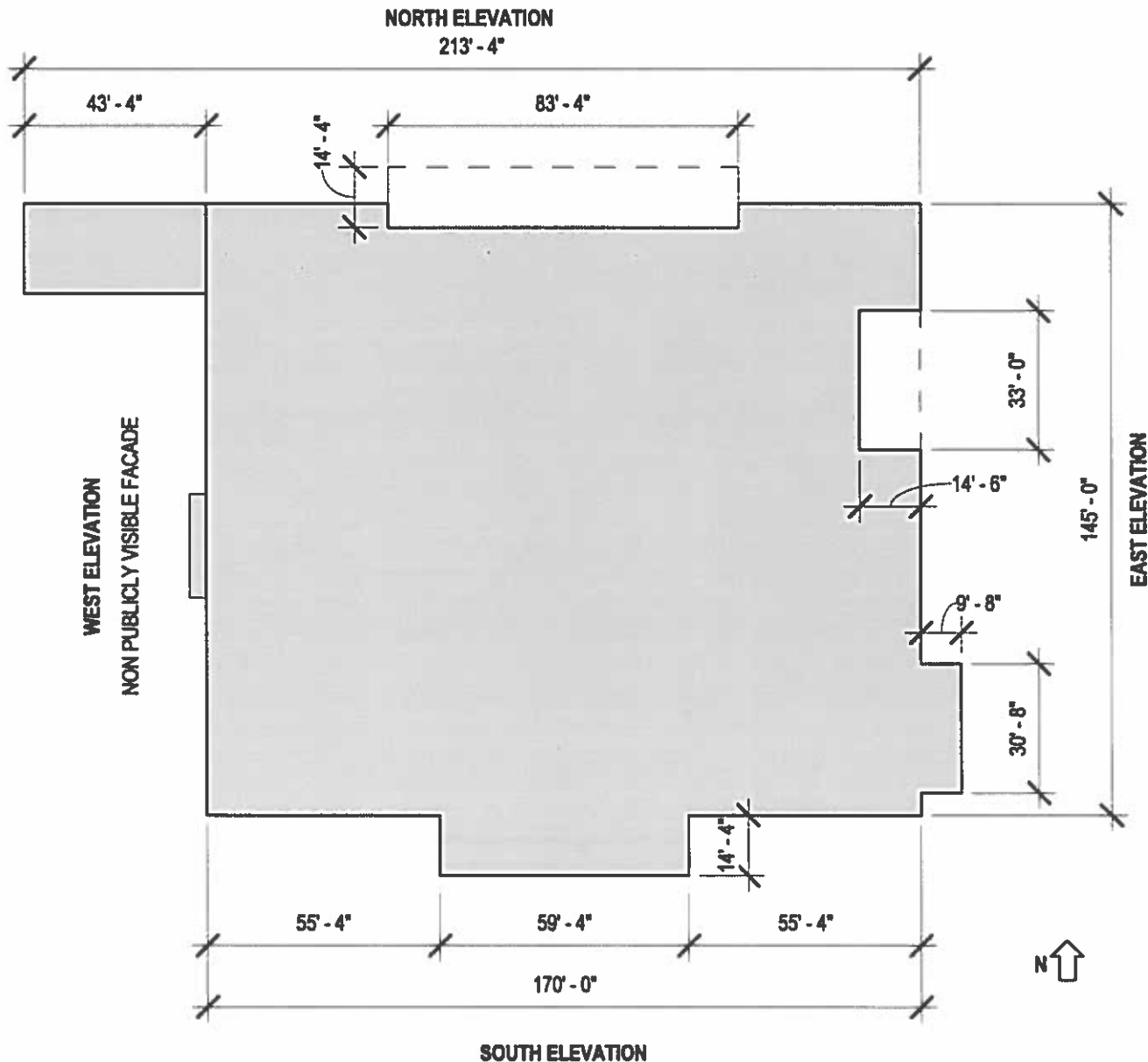
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Sarasota County Venice Library

ITEM B: Massing Criteria

MASSING CRITERIA PER CITY OF VENICE ARCHITECTURAL GUIDELINES HANDBOOK, 2014 EDITION: "A. BUILDING FORM (SECTION 3a, MASSING) - MUST HAVE A DEPTH OF AT LEAST 5% OF THE LENGTH OF THE FACADE AND EXTENDING AT LEAST 25% OF THE LENGTH OF FACADE"

<b>NORTH:</b>	
OVERALL WALL LENGTH:	213'-4"
TOTAL PROJECTION / SETBACKS PROVIDED:	83'-4"
% OF PROJECTION / SETBACKS PROVIDED:	39%
TOTAL DEPTH REQUIRED	10'-8"
TOTAL DEPTH PROVIDED	14'-4"
<b>SOUTH:</b>	
OVERALL WALL LENGTH:	170'-0"
TOTAL PROJECTION / SETBACKS PROVIDED:	59'-4"
% OF PROJECTION / SETBACKS PROVIDED:	35%
TOTAL DEPTH REQUIRED	8'-6"
TOTAL DEPTH PROVIDED	14'-4"

<b>EAST:</b>	
OVERALL WALL LENGTH:	145'-0"
TOTAL PROJECTION / SETBACKS PROVIDED:	83'-8"
% OF PROJECTION / SETBACKS PROVIDED:	44%
TOTAL DEPTH REQUIRED	7'-3"
TOTAL DEPTH PROVIDED	14'-6"
<b>WEST:</b>	
NON PUBLICLY VISIBLE FACADE	



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**ITEM D: Photographs of Existing Structures**



**Community Center**



**Community Center**



**Community Center**



**Community Center**



**Triangle Inn**



**Art Center**

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**ITEM E: Decorative Trim**

Physical sample to be provided at ARB meeting.



**Stone Trim: Dominican Coral Stone**

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**ITEM F: Exterior Colors**

Physical samples to be provided at ARB meeting.



**Exterior Stucco Finish Color:**  
**Alabaster SW7008**



**Aluminum Finish Color:**  
**Parisian Patina SW 9041**



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**ITEM F: Exterior Colors**

Physical samples to be provided at ARB meeting.  
Refer to elevations for locations.



**Tile Veneer Finish at Opening Insets:**  
**Basis of Design: Daltile, Vision**  
**Pattern Color: Mint QH58**

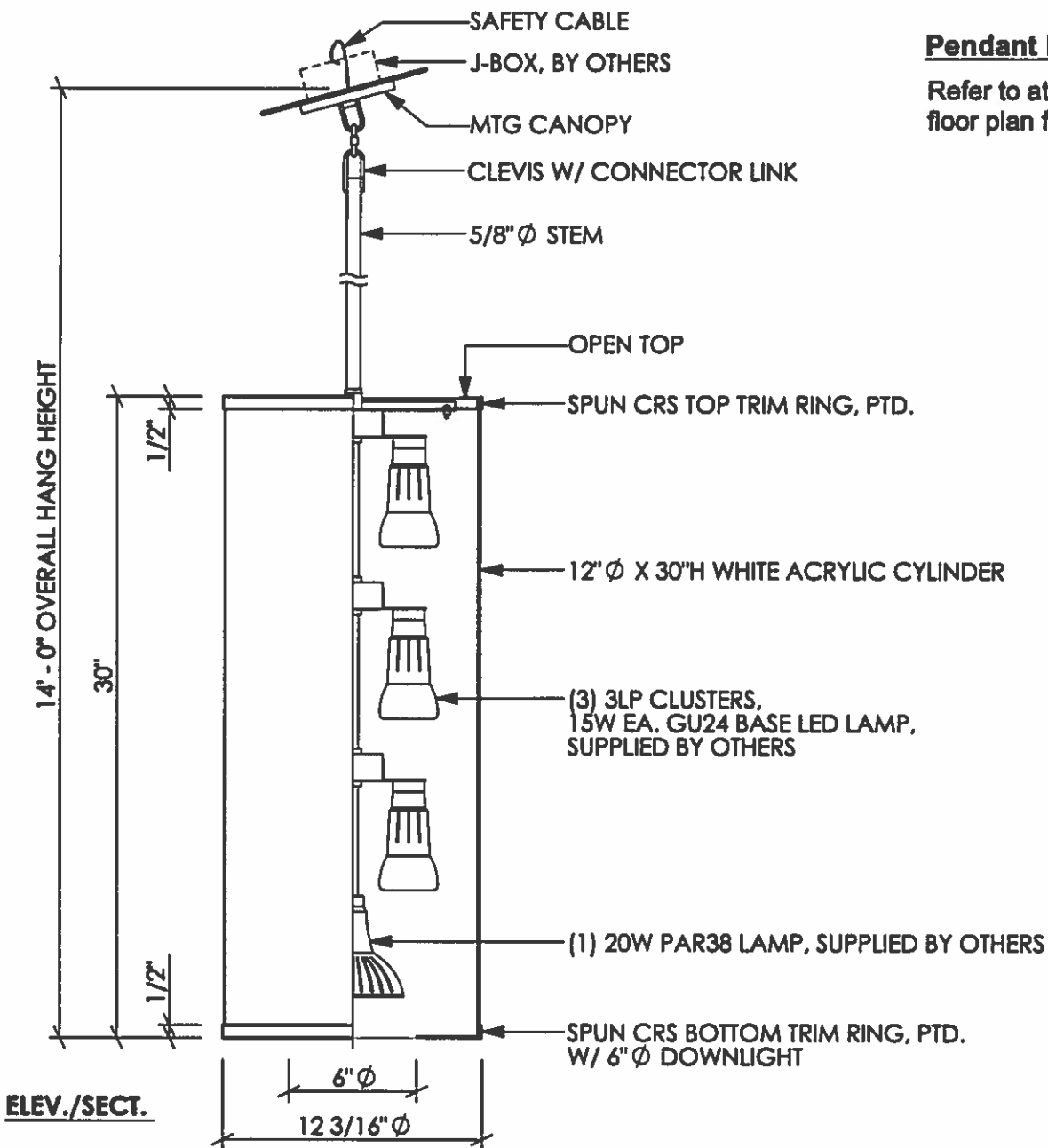


**Pattern Color**

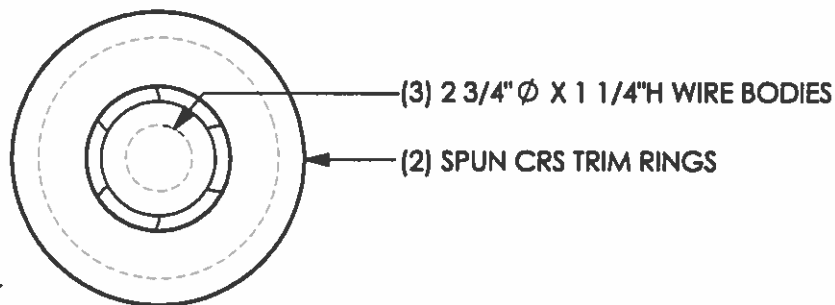
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**ITEM G: Exterior Lighting Cut Sheets**





**REFLECTED PLAN**



**Pendant Light**

Refer to attached floor plan for locations

**BORDEN**  
LIGHTING

999 Montague Street  
San Leandro, CA 94577  
510-357-0171 Fax 510-357-3832  
www.bordenlighting.com

PROJECT FAITH LUTHERAN CHURCH

SPECIFIER

VOLTAGE 120V ONLY

WT

FINISH

PAINTED MATTE BLACK FINISH



& IBEW LABELED



TYPE

SCALE 1 1/2" = 1' - 0"

DATE 29 SEPT 2014

DWN MY CKD RB

SPEC NO

**3D-2461-MOD4**

# 11251 Outdoor LED Up/Down Wall Sconce



## Description:

11251 Outdoor LED Up/Down Wall Sconce features a cylinder with up and down light used to highlight architectural surfaces. Made of cast aluminum with powder coat finish in Textured Architectural Bronze or Textured Black finish and polycarbonate top shield. Includes one 5 watt LED uplight and one 10 watt LED downlight totaling 15 watts with Pure White 3000K, 905CRI color temperature and LED driver. 40,000 hour average lamp life. 4.5 inch width x 12.25 inch height x 6.5 inch depth. UL listed. Title 24 Compliant. Suitable for wet locations.

Shown in: Textured Architectural Bronze

Shade Color: N/A  
 Body Finish: Textured Architectural Bronze  
 Lamp: 1 x LED/15W/120V LED  
 Wattage: 15W  
 Dimmer: Not Dimmable  
 Dimensions: 12"H x 5"W x 6.5"D

Technical Information  
 Lamp Color: 3000 K  
 Color Rendering: 85 CRI

Product Number: <b>KHR349589</b>			
Company:		Fixture Type:	Date: Apr 05, 2017
Project:		Approved By:	

Fax: (773) 883-6131

Phone: 866-954-4489

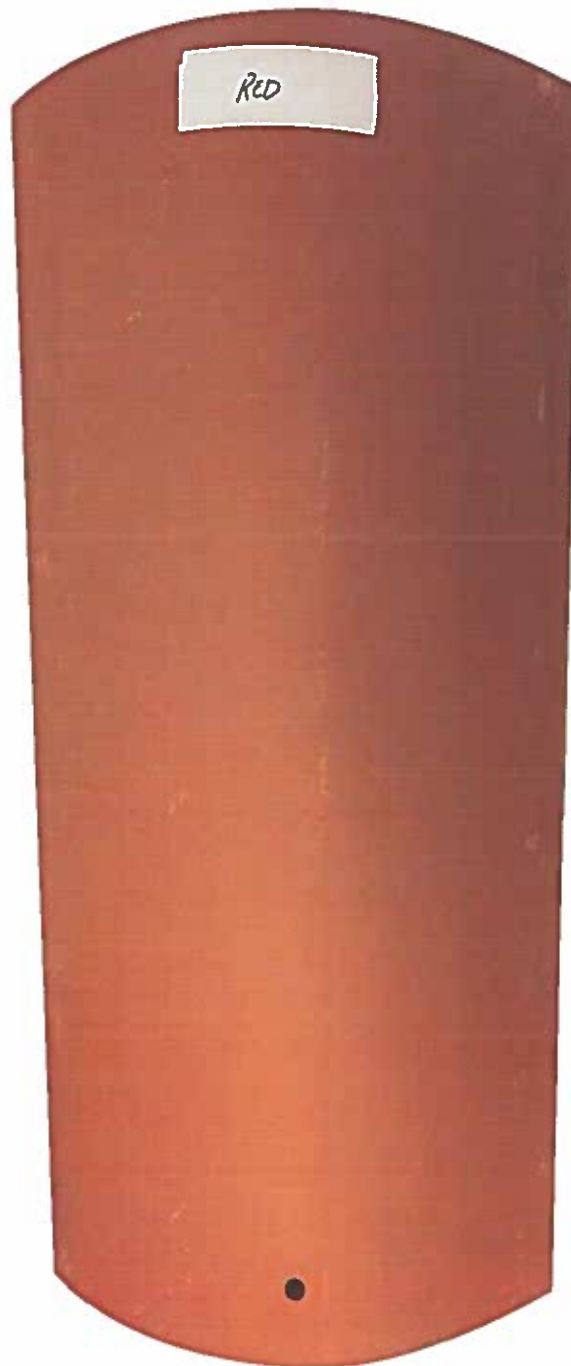
Address: 1718 W. Fullerton Ave. Chicago IL 60614

www.Lightology.com

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**ITEM H: Roof Tile**

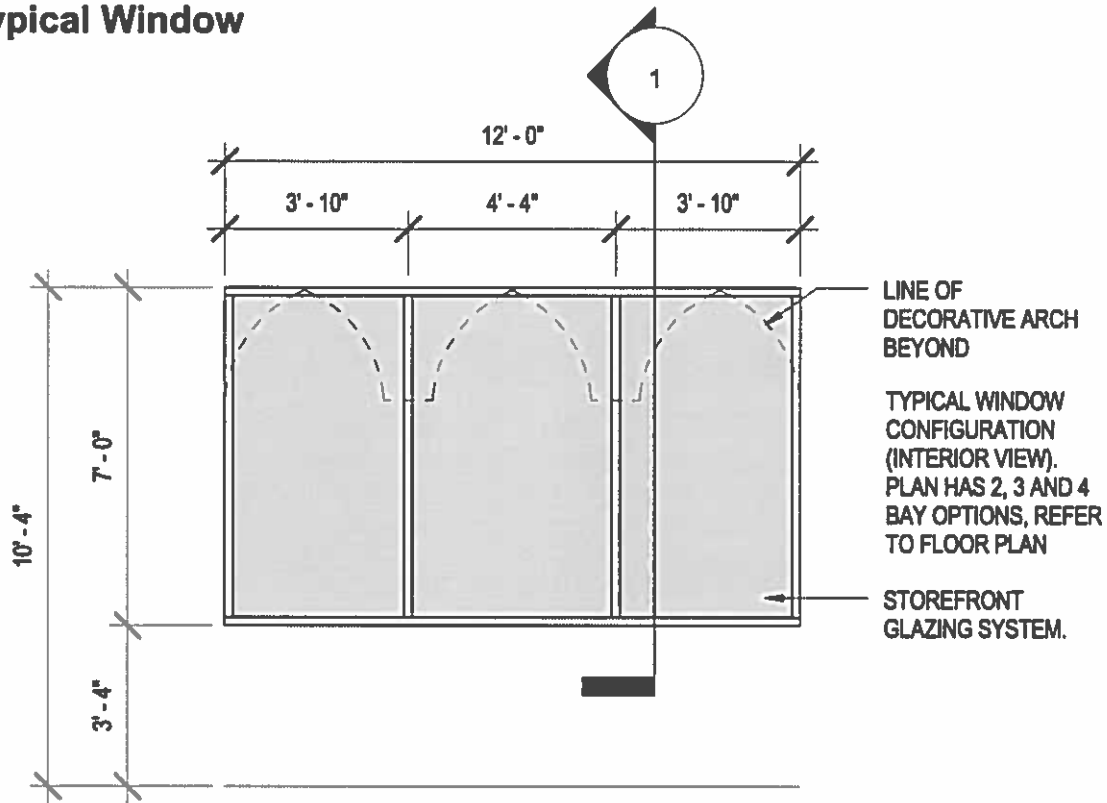
Physical sample to be provided at ARB meeting.



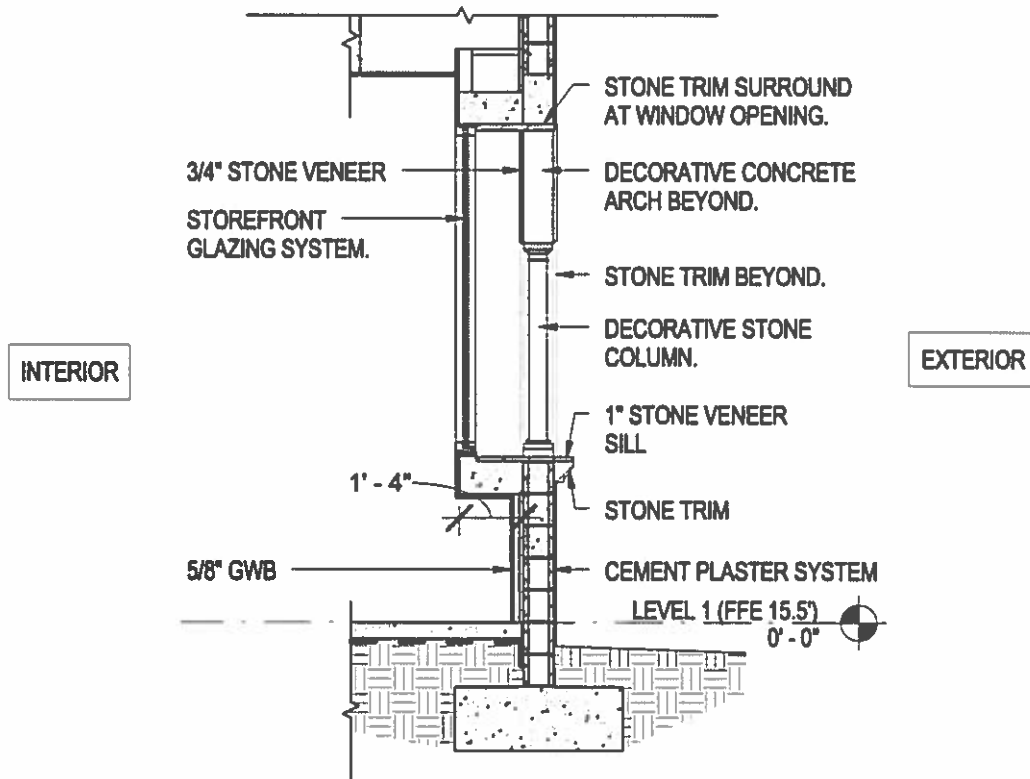
**Clay roofing tile: Mission Barrel Style, Color: Red**

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ITEM I: Typical Window



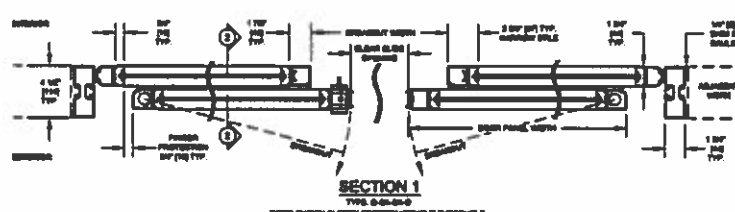
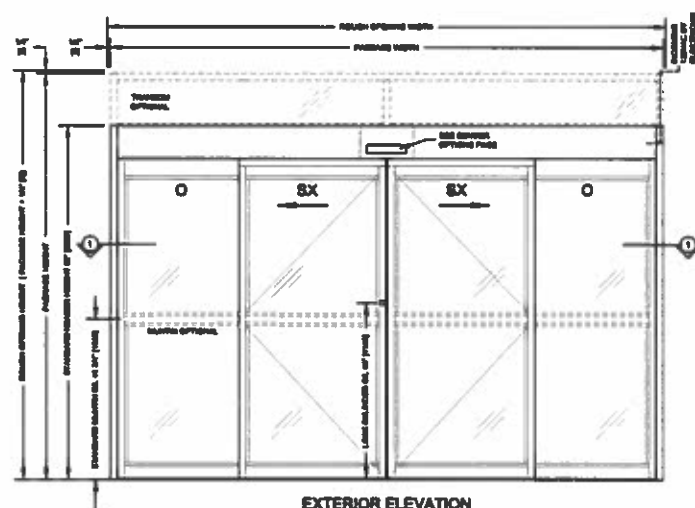
2 TYPICAL WINDOW ELEVATION  
1/4" = 1'-0"



1 TYPICAL WINDOW SECTION  
1/4" = 1'-0"

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**ITEM I: Exterior Doors and Windows - Cut Sheets**  
**Refer to attached plan for locations**

[illegible]

Feasting Width	Roach Spawning Width	Charr Spawning	Star Pout Width	Brook Trout Width
(6'-9") 18" (2743)	168 16" (2718)	42 50" (1230)	27 30" (686)	40 78" (1218)
(10'-4") 18" (2814)	120 16" (2081)	60 50" (1230)	30 34" (712)	60 78" (1218)
(12'-4") 18" (2814)	144 16" (2376)	60 50" (1230)	30 34" (712)	60 78" (1218)
(12'-4") 18" (2814)	168 16" (2376)	72 50" (1230)	42 34" (712)	72 78" (1218)
Warm Pools	Feasting Width +16" (13)	Feasting Width (2) + 11 50" (13)	Feasting Width (4) + 50" (13)	Feasting Width (7) + 16" (13)

- [illegible]



# > YHC 300 SSG

Impact Resistant and Blast Mitigating  
Structural Silicone Glazed Curtain Wall



YKK AP Hurricane & Blast Solutions

## PROTECTION & CLEAN AESTHETICS:

YHC 300 SSG (Structural Silicone Glazed) is a high performance curtain wall system that can meet the requirements for Impact Resistance, Blast Mitigation or both. The 3" face dimension ensures recommended glass clearances are maintained. Snap-on face covers enable separate interior / exterior finishes for economic and / or aesthetic reasons.

## PRODUCT BENEFITS:

- Florida Product Approvals for Large and Small Missile Impact including:
  - ◆ Large Missile - Wet Glazed
  - ◆ Small Missile - 2 sides Wet Glazed, 2 sides Dry Glazed
- Blast Mitigation - see other side
- 15/16" Glass Bites maintain GANA guidelines of 1/4" clearance to reduce glass breakage
- Glass sizes to 50 square feet
- Accommodates monolithic and insulating glass
- Designed for single and multi-span applications



Entrances | Storefronts | Curtain Walls | Sun Controls | Windows | Balcony Doors



Quality  
inspires®



# > YHC 300 SSG

## Impact Resistant and Blast Mitigating Structural Silicone Glazed Curtain Wall

### Specifications

**Deflection:** Maximum allowable deflection in any member when tested in accordance with ASTM E 330 with allowable stress in accordance with AA Specifications for Aluminum Structures.

- Without Horizontals: L/175 or 3/4" (19.1mm) maximum.
- With Horizontals: L/175 or L/240 + 1/4" (6.4mm) for spans greater than 13'-6" (4.1m) but less than 40'-0" (12.2m).

**Thermal Movement:** Provide for thermal movement caused by 180 degrees F. (82.2 degrees C.) surface temperature, without causing buckling stresses on glass, joint seal failure, undue stress on structural elements, damaging loads on fasteners, reduction of performance.

**Air Infiltration:** Completed curtain wall systems shall have 0.06 CFM/FT<sup>2</sup> (1.10 m<sup>3</sup>/h·m<sup>2</sup>) maximum allowable infiltration when tested in accordance with ASTM E 283 at differential static pressure of 6.24 PSF (299 Pa).

**Water Infiltration:** No uncontrolled water on indoor face of any component when tested in accordance with:

- TAS 202 / ASTM E 331 at a static pressure of 20 PSF (957 Pa).

**Thermal Performance:** When tested in accordance with AAMA 1503 & AAMA 507:

- Thermal Transmittance U Value: 0.41 BTU/HR/FT<sup>2</sup>/ F or less.
- Condensation Resistance Factor (CRF): A minimum of 71.

**Sound Transmission:** When tested in accordance with AAMA 1801 using 1/4" laminated exterior, 1/2" air space, and 1/4" laminated interior:

STC: 37  
DTC: 32

### Hurricane Impact Resistance

- ICC Compliant and FBC Statewide approvals –

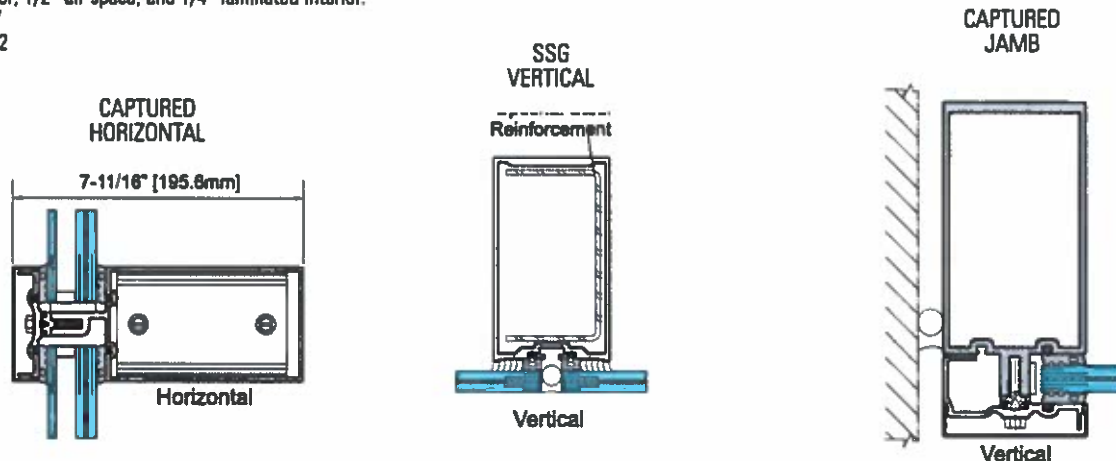
HVHZ (High Velocity Hurricane Zone)

- ASTM E 1886 / 1996 and TAS 201 – 203
- Large Missile Level D & Small Missile Level A
- Tested and approved to 90 PSF

### Blast Mitigation

- Meets UFC 4-010-01 through static or dynamic analysis
- "H" Series Enrances - "Low Hazard" per ASTM F 1642 Test @ 6 psi / 41 psi – ms

Dry Glazing option shown. Visit [www.ykkap.com](http://www.ykkap.com) for glazing options and CSI Specs by performance / glazing type



For additional information on architectural aluminum products offered by YKK AP America Inc. visit our web site at [www.ykkap.com](http://www.ykkap.com).



Benjamin Upper School

# > YHS 50 FS/FI

Impact Resistant and Blast  
Mitigation Storefront System

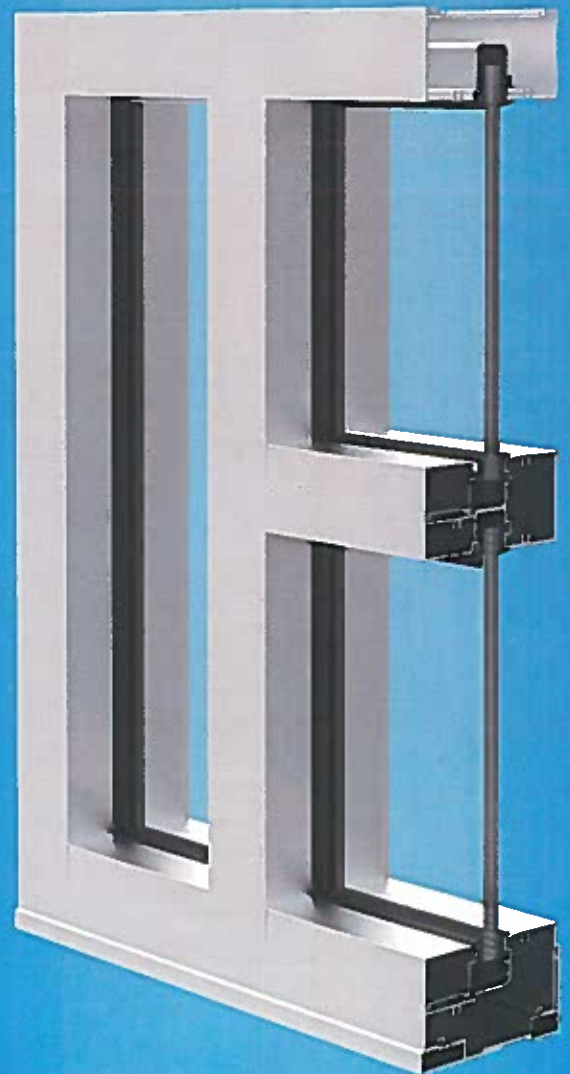


**YHS 50 low pressure configuration reduces installation time and installed cost. Medium and high pressure configurations reach higher spans and greater impact resistance. This system can be inside or outside glazed for greater jobsite flexibility.**

YHS 50 FS & YHS 50 FI are high performance storefront systems designed for monolithic glazing (FS) or for insulating glass (FI) 1" to 1-5/16" thick. With varied infill and components, YHS 50 can meet the demanding requirements of both Impact Resistance and Blast Mitigation. The system integrates with H Series and HL Series entrances with medium or wide stiles. Entrances feature a wide variety of tested and approved hinging and locking hardware, including rim panic and concealed vertical rod exit devices.

## FEATURES:

- **Hurricane Impact** - Large and Small Missile
  - ◆ IBC and Florida Product Approval
  - ◆ Wind Zone 3 & Florida High Velocity Hurricane Zone (HVHZ)
  - ◆ Approved for Missile Level E - Essential Facilities
- **Blast Mitigation** - Static and Dynamic Analysis capability to meet DoD, GSA and VA standards
- Spans to 144"; accommodates glass sizes to 50SF
- Design Pressures to 90 psf
- Engineered corners reduce job specific engineering
- Inside or outside glazing available
- Integrates with ThremaShade® and Luminance® sun control products and YKK AP venting windows





# > YHS 50 FS/FI

## Impact Resistant and Blast Mitigation Storefront System

- **Low pressure options** – fewer parts and anchors for lower installed cost
- **Taller spans & higher design pressures** – less cost compared to curtain wall
- **Inside Glazing** – lower cost in above grade applications; solves rough terrain and difficult street access issues
- **Large Missile E** – greater protection for essential facilities such as hospitals, police stations and shelters

### PERFORMANCE SUMMARY:

Air Infiltration (ASTM E 283): 0.06 CFM / FT<sup>2</sup> @ 6.24 PSF (299 Pa)

Water Infiltration (ASTM E 331): 12 PSF (575 Pa)

### YHS 50 FI Acoustical and Thermal:

Acoustical Performance (AAMA 1801):

STC 1-5/16" Laminated - 39

OITC 1-5/16" Laminated - 34

Thermal Performance (AAMA 507, AAMA 1503, NFRC 100):

Frame CRF = minimum of 35

Overall System U-factor = 0.49 (using Ucof of 0.29)

### MISSILE D



### MISSILE E



Building codes now call for Missile E protection for essential facilities (Risk Category 4) when the wind speed is 150 mph or greater. Missile E systems must withstand more than twice the impact energy compared to Missile D

YHS SYSTEM	.060 SentryGlass 50 PSF	DESIGN PRESSURE			144" SPAN	108" to 120" SPAN	OUTSIDE GLAZE	IMPACT	INSIDE GLAZE	IMPACT
		50	65-70	90				MISSILES A & D		ESSENTIAL FACILITIES
YHS 50 FS										
YHS 50 FI										
YHS 50 TU										

### INDUSTRY-LEADING SILL FLASHING DESIGN

- ▶ **Taller back leg** - Enhanced water resistance (12 psf) in the field and in testing
- ▶ **Patented 3 Point End Dam Attachment** - Greater protection against handling damage and building settling
- ▶ **No blind seals** - Eliminates secondary penetration of the sill flashing



For additional information on architectural aluminum products visit our web site at [www.ykkap.com](http://www.ykkap.com).



# > Model 35H/50H

Impact Resistant and Blast  
Mitigating Entrance System



YKK AP Hurricane & Blast Solutions

## Protection You Can Count On

The industry's most durable entrance system is now available in medium and wide stile versions. In addition to a comprehensive array of locking and hinging options, this product is available with monolithic or 1" insulating laminated glass for medium and wide stile applications. Mid-Rail and bottom rail options provide additional design flexibility for the specifier.

YKK AP has also addressed ongoing maintenance in abusive environments, such as schools and military bases. To reduce maintenance costs choose either rim panic exit devices combined with an impact rated aluminum removable mullion, or single point locks paired with flush bolts on the inactive panel. These institutional grade entrance systems provide maximum security under the most demanding conditions without the need for steel reinforcing. They also integrate with YHS storefront and YHC curtain wall framing systems.

Model 35H and 50H entrances are Large and Small Missile Impact resistant tested, as well as Blast Mitigation Tested. With the expansion of hardware and performance options, they are your single source for hurricane resistant, government, and DoD applications.

## Product Benefits

- Large & Small Missile Impact – To 90 PSF
- Florida Product Approval – HVHZ
- Blast Mitigation Testing – ASTM F 1642 – Minimal Hazard
- YKK AP VersaJamb® Door Frame
- Water Performance – ASTM E 331 – 10.5 PSF





# > Model 35H/50H

## Impact Resistant and Blast Mitigating Entrance System

### Monolithic or IGU Glazing Pocket

Monolithic and insulating glazing utilize different rail designs

### Thermal Performance

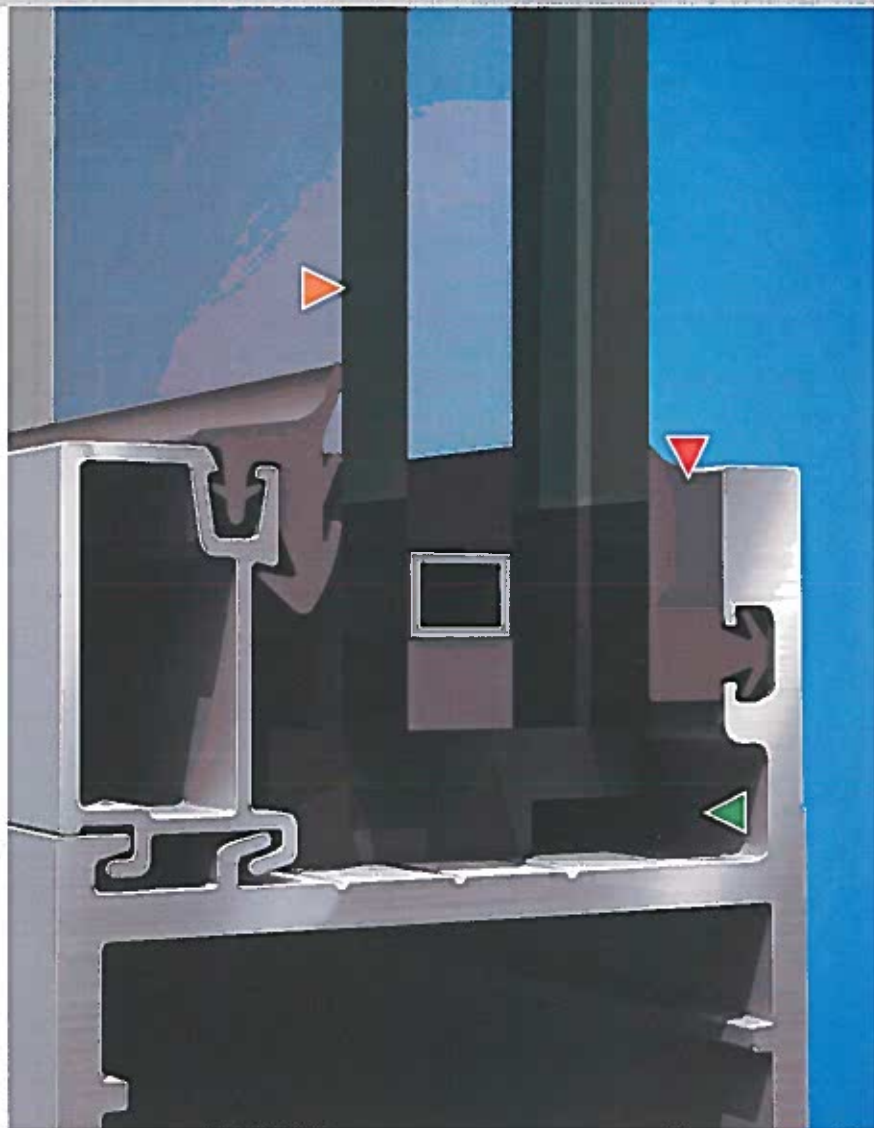
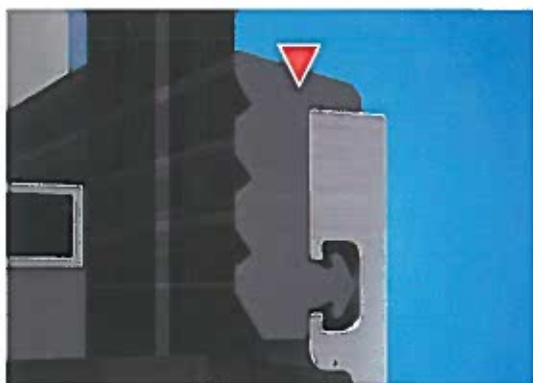
Improved thermal performance can be achieved with Insulating Glass. Entrances have been thermally tested utilizing insulating glass with 0.29 center of glass "U" factor.

### Glazing Options

For reduced installation labor, dry glaze solutions (to 90 PSF) are available. Wet and Dry Glaze options are available for both hurricane impact and blast mitigation.

### Integral Muntins

For increased aesthetic possibilities Insulating Glass units can be ordered with internal muntins.



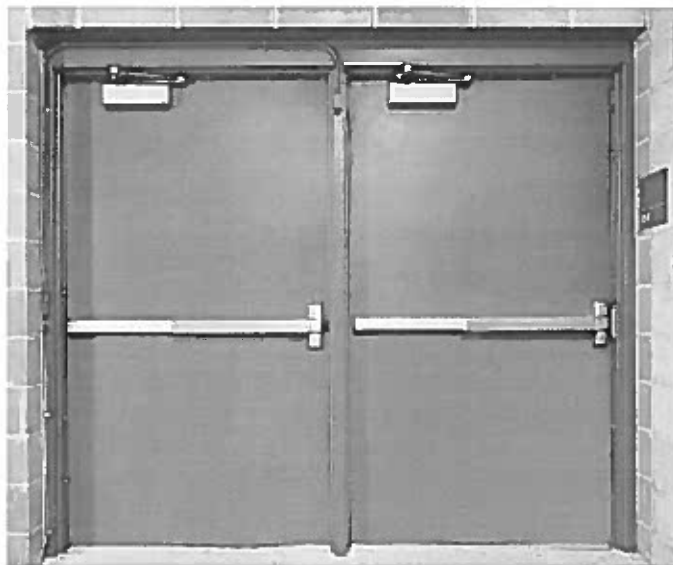
### Standard Entrances

- Singles: 3'-0" x 7'-0" & 3'-0" x 8'-0"
- Pairs: 6'-0" x 7'-0" & 6'-0" x 8'-0"
- Rixson Pivot, Butt Hung and Continuous Hinge
- Single and 3-Point Locks for Single Doors, 5-Point Locks for Pairs
- Rim and CVR Exit Devices

### Custom Entrances

- Singles: Up to 4'-0" x 8'-0"
- Pairs: Up to 8'-0" x 8'-0"
- Pairs: Up to 7'-0" x 8'-0" with Rim Panic
- Standard and Custom Hardware

For additional information on architectural aluminum products offered by YKK AP America Inc. visit our web site at [www.ykkap.com](http://www.ykkap.com).



## ABOUT THE PRODUCT

The H16 and H14 Series Doors have been specifically designed and tested to meet the performance-based provisions of the Florida Building Code (FBC) while providing architects, designers and building owners with the broadest choices for their specific applications.

Specifiable options include glass lights, transom and sidelights, louvers, exit hardware, cylindrical or mortise single point locks, as well as a variety of door core and edge construction options.

All H Series doors have been tested to protocols TAS 201, 202 and 203, indicating their ability to withstand the missile impact, structural load and cyclic wind pressure tests prescribed by the Codes.

## INSTALLATION:

1. Installation shall conform to the published Steelcraft installation instructions, ANSI A250.11-2001 (formerly SDI 105) Recommended Erection Instructions for Steel Frames and HMMA 840.
2. Fire Rated Assemblies must be in accordance with NFPA Pamphlet 80. The Authority Having Jurisdiction is the final authority in issues related to the installation and use of installed Fire Rated Doors.

## DESIGN PRESSURE RATINGS and HARDWARE CONFIGURATIONS:

Design Pressure Ratings are based on ongoing testing for door, frame and hardware configurations. Applications are limited to the configurations tested. For up to date information, please reference the Steelcraft website at [www.steelcraft.com](http://www.steelcraft.com)

## FEATURES AND BENEFITS:

Steelcraft's H Series Doors offer the following standard unique features, which enhance long term performance and durability:

1. **A-60 Galvannealed steel face sheets**
2. **Core Systems** that enhance structural integrity:
  - **Honeycomb** (Standard) – 1" (25mm) cell kraft honeycomb configuration that increases structural integrity while reducing overall weight
  - **Polystyrene** (optional) – enhanced thermal performance
  - **Polyurethane** (optional) – extreme thermal performance
  - **Mineral Board** (optional) – rigid, temperature rise control
  - **Steel Stiffened** (optional) – welded hat section stiffeners
3. **Full Height, Epoxy Filled Mechanical Interlock Edges** provide structural support and stability the full height of the door edges.
4. **Full Height Lock Side Reinforcement Channel** ensures structural stability and locking hardware functionality under extreme pressure conditions.
5. **Universal Hinge Preparations** (patented) allow for easy field conversion from standard weight .134" (3.3mm) hinges to heavy weight .180" (4.7mm) hinges.
6. **14 Gage [0.067" (1.7mm)] Top and Bottom Channels** provide stability and protection for the top and bottom edges from abuse.
7. **3/8" undercut** is standard on all H-Series doors, to accommodate hurricane code requirements.
8. **Beveled Hinge and Lock Edges** allow for tighter installation tolerances, ensure easier operation and eliminate binding and sticking.
9. **Recessed Designer™ Glass Trim** provides a clean, neat and flush finish with the door surface.
10. **Screwed-in top caps** provide additional weather protection to exclude water and debris from exterior outswing doors.
11. **Factory Applied Baked-On Rust Inhibiting Primer** paint in accordance with ANSI A250.10-1998 (R2004).

## SPECIFICATION COMPLIANCE:

1. Door construction for Steelcraft H Series Full Flush Doors meets the requirements of ANSI A250.8-2003 (SDI 100).
2. Hardware preparations and reinforcements are in accordance with ANSI A250.6-2003. Locations are in accordance with ANSI/DHI A115.
3. Florida Building Code test protocols TAS 201, TAS 202 & TAS 203.

## FLORIDA BUILDING CODE LABEL:

A Florida Building Code Label is applied to all H Series doors. An optional Miami-Dade County label is also available.

## FIRE RATINGS:

Steelcraft H Series Doors meet fire rating requirements. They are listed for installations requiring compliance to both neutral pressure testing UL-10B and positive pressure standard UL-10C.



Faour Glass Technologies brings architects, designers, building owners and homeowners the latest in glass innovation and performance.

SLIMPACT® is the combination of beauty, elegance and performance in a frameless impact window system. The first of its kind, SLIMPACT® features a structural glazing technique designed for the luxury residential and commercial markets. Using no exposed metal to maximize the view, the glass appears to be floating in place while still meeting Florida's large missile impact requirements.



## SLIMPACT® Features

**FRAMELESS**...with no exposed metal to maximize the view

**EXPANSIVE VIEWS**...create large stunning views with no obstructions

**TESTED**....meets Florida's large missile requirements with approved design pressures of +/-60psf

**PERFORMANCE**...low-e coatings, films and tints available to control glare, visible light and heat gain

**TURTLE CODE**...offers options to meet the most current turtle code

**ULTRA CLEAR**...low iron glass configuration for the clearest viewing in showrooms



SLIMPACT®MAX takes SLIMPACT® to the next level in performance while still offering all the same exceptional features, beauty and sophistication.

SLIMPACT®MAX meets the large missile impact requirements for the High Velocity Hurricane Zone in South Florida with approved design pressure of +/- 60psf and configurations as large as 10' high.

## SLIMPACT Zone SLIMPACT MAX Zone





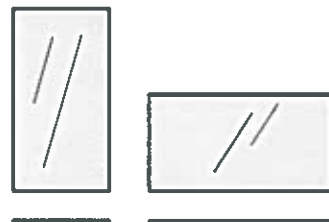
# SLIMPACT® Configurations

SLIMPACT® and SLIMPACT®MAX offer an array of stunning window configurations to meet the most demanding residential and commercial design needs. Ideal applications include any space that requires the maximum amount of daylighting and viewing area while meeting the performance of large missile impact requirements.



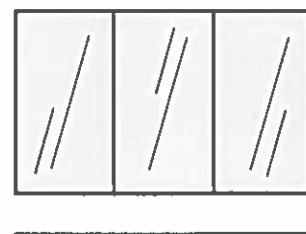
## FIXED WINDOWS

SLIMPACT® Fixed Windows offer four-sided support with a maximum window size of 5'x10'. This configuration is typical for punched openings that are designed with a single unit.



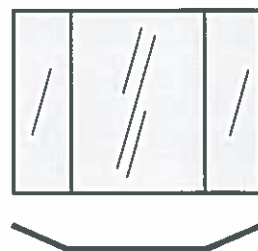
## IN-LINE MULTI-PANEL WINDOW WALL

SLIMPACT® In-Line Multi-Panel Window Wall System brings multiple fixed units together to expand the overall opening. Any width can be achieved by combining units with a maximum module size of 5'x10'. This configuration is ideal for expansive views, such as high end retail showrooms and waterfront homes.



## NEO-ANGLE WINDOWS + WALLS

SLIMPACT® Neo-Angle Windows and Walls offer a three-dimensional look to the window or wall system with multiple units combined with a minimum 135° angle and maximum module size of 5'x10'. This configuration is ideal for creating a dimensional look with glass with minimal viewing obstruction.



## RADIUS FLAT SEGMENTED WINDOWS

SLIMPACT® Radius Flat Segmented Windows create a curved glass appearance with multiple units up to 5'x10' in size and joint angles not less than 135°. This system can use any angle from 135° to 180° (straight in line). This configuration offers designers a rounded window with minimal viewing obstruction, ideal for unique viewing spaces.

