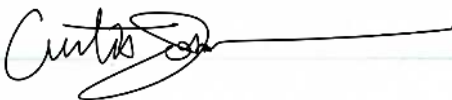


As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ [www.floridabuilding.org](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>1. EXTERIOR DOORS</b>			
A. SWINGING	JELD WEN	6-8 Outswing Wood edge steel	14569.1
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
<b>2. WINDOWS</b>			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER	SEVES	GLASS BLOCK	5357.1
<b>3. PANEL WALL</b>			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
<b>4. ROOFING PRODUCTS</b>			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
<b>5. STRUCT COMPONENTS</b>			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
<b>6. NEW EXTERIOR ENVELOPE PRODUCTS</b>			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.



NOTES: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# JELD-WEN® Steel

WOOD EDGE IMPACT GLAZED STEEL DOOR  
6-8 OUTSWING SINGLE OR DOUBLE DOOR UNIT  
UTILIZING COMPONENTS FROM ODL® INC. AND  
ENDURA PRODUCTS INC.

## GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC) BASED ON THE SIGNED AND SEALED DATE, INCLUDING HVHZ AND HAS BEEN EVALUATED IN ACCORDANCE WITH THE FOLLOWING:  
TAS 201-94 ASTM E330-02 ASTM E1886-05  
TAS 202-94 ASTM E331-00 ASTM E1996-05  
TAS 203-94 ASTM E283-91
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE I, PAGE 1.
5. THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONE (HVHZ)
6. PRODUCT DOES NOT REQUIRE SHUTTERS

## RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

### DOOR LEAF CONSTRUCTION:

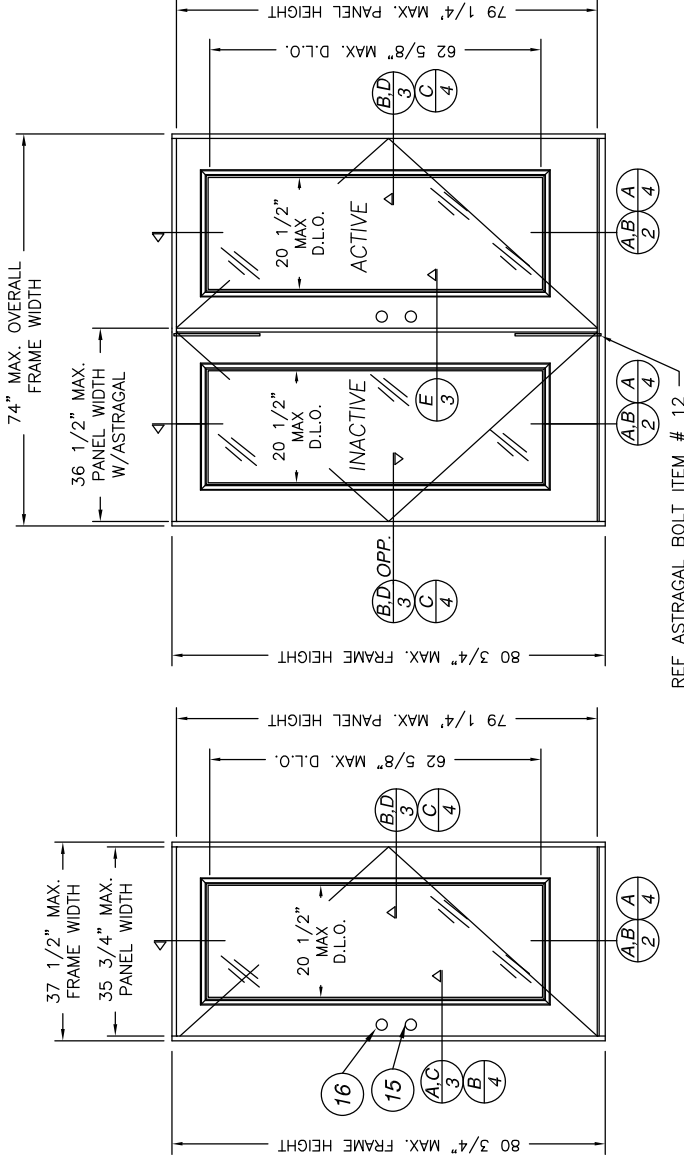
Face sheets: 24 GA (0.021" min) thickness. Galvanized steel A-525 commercial quality AKDQ per ASTM 620 with average minimum yield strength  $F_y(ave) = 30627$  psi.

Core Design: Door core by JELD-WEN.

Panel Construction: The active and inactive panels are constructed from 24 GA (0.021" min) galvanized steel. The face sheets at top and bottom are bent 90° over the top and bottom rails. The top rail measures 1.0" high x 1.688" wide. The steel bottom rail measures 1.21" high x 1.688" wide. The sides of the face sheets are roll formed into the latch and hinge stiles which measure 1.00" high x 1.688" wide. The interior cavity is filled with door core. The face sheets are glued to the door core. The panels are cut out for the two-piece ODL Aluminum ALLEN frame. Units are glazed with tempered and laminated impact 1" IG. On double door applications the inactive door is fitted with an extruded aluminum astragal of 6063-T5 alloy.

Frame Construction: The frames are constructed of fingerjointed pine jambs measuring 4-9/16" x 1-1/4". The head jambs are mortised and butt joined to the side jambs, and attached with three (3) 16GA 7/16" crown x 2" long staples on each side. The threshold is attached to the side jambs with three (3) 16GA 7/16" crown x 2" long staples on each side.

Glazing: ODL insulated lite is 1" overall thickness, consisting of one (1) pane of 0.125" tempered glass; 0.5" air space; two (2) panes of 0.125" annealed with .090" PVB interlayer by Solutia. All lites are sandwiched glazed into the panels.



SINGLE OUTSWING UNIT (X)  
SCALE: 1/2" = 1'-0"

DOUBLE OUTSWING UNIT (XX)  
SCALE: 1/2" = 1'-0"

ALL DOOR MODELS ARE VIEWED  
FROM THE EXTERIOR SIDE

TABLE I	DESIGN PRESSURE RATING
	APPROVED FOR USE WHERE PROTECTION FOR WATER INFILTRATION IS REQUIRED
POSITIVE	+60.0 PSF
NEGATIVE	-60.0 PSF

## TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS
2	VERTICAL CROSS SECTION & BILL OF MATERIAL
3	HORIZONTAL CROSS SECTIONS
4	OPTIONAL 1X BUCK IN MASONRY/CONCRETE CROSS SECTIONS
5	ANCHORING LOCATIONS
6	COMPONENT DETAILS
7	UNIT COMPONENTS

- NOTES:
- 1 - ALL VIEWS FROM EXTERIOR.
  - 2 - FOR HORIZONTAL ANCHOR IN 1X BUCK OPTION IN MASONRY/CONCRETE. SEE SHEET 4 FOR DETAILS.
  - 3 - FOR VERTICAL ANCHOR IN 1X BUCK OPTION IN MASONRY/CONCRETE. SEE SHEET 5 FOR DETAILS.



Digitally signed by Hermes F. Norero  
Reason: I am approving this document  
Date: 2020.09.26 08:07:55 -0200

**JELD-WEN®**  
WINDOWS & DOORS  
3737 Lakemont Blvd.,  
Klamath Falls, Oregon 97601  
Ph. (541) 882-3451  
Fax (541) 850-2609

PRODUCT: WOOD EDGE IMPACT GLAZED  
STEEL DOOR 6-8 OUTSWING  
SINGLE OR DOUBLE  
PART OR ASSEMBLY:  
TYPICAL ELEVATIONS &  
GENERAL NOTES

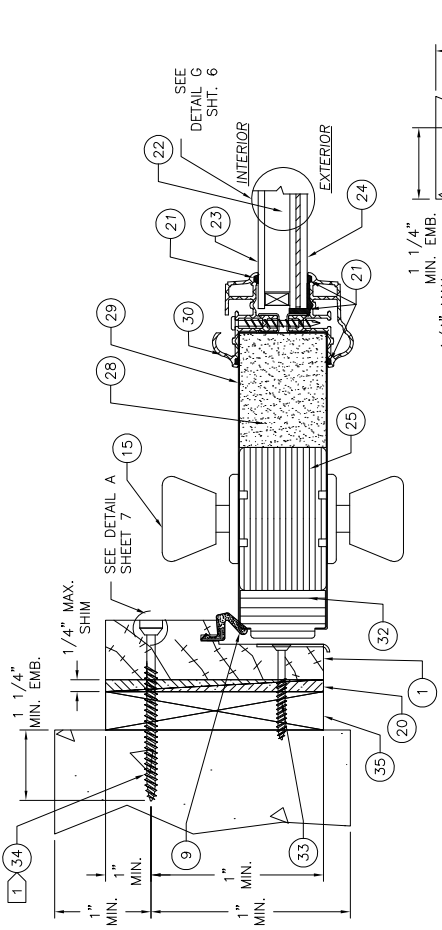
NO.	DATE	REVISIONS
1	12/17/04	GENERAL REVISION
2	4/8/06	GENERAL REVISION
3	2/5/08	ADD CONC. DWG. EAG
4	11/17/10	CHG CORE DEFIN. JH
5	8/28/17	CHG CORE DEFIN. JH
6	1/21/20	ADD ADA THRESHOLD

DATE: 6/18/13  
SCALE: AS NOTED  
DWG. BY: EAG  
CHK. BY: S. SAFFELL  
DRAWING NO.: JWO509-03  
SHEET 1 OF 7

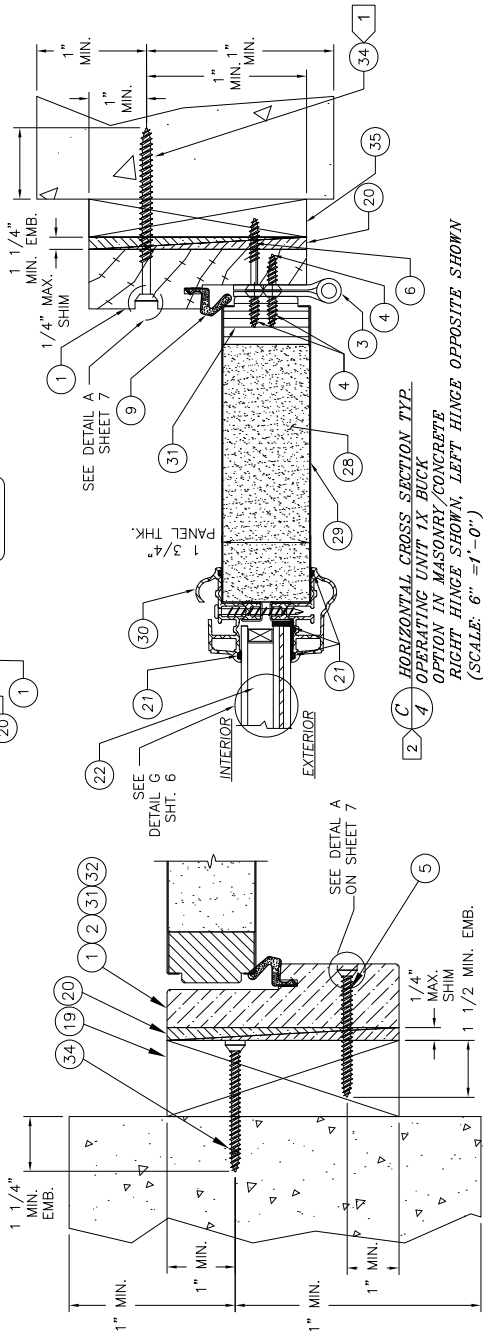
PRODUCT: WOOD EDGE IMPACT GLAZED STEEL DOOR 6-8 OUTSWING SINGLE OR DOUBLE	
PART OR ASSEMBLY: 1X BUCK & OPTIONAL INSTALL IN CONCRETE/MASONRY CROSS SECTIONS	
BY	REVISIONS
DR	12/17/04 GENERAL REVISION
EW	4/8/06 GENERAL REVISION
AG	2/5/08 ADD CONC. DWG.
GL	11/17/10 GENERAL REVISION
JH	8/28/17 CHG CORE DEFIN.
TB	01/21/20 ADD ADA THRESHOLD

NO.	DATE	REVISIONS
A	12/17/04	GENERAL REVISION
B	4/8/06	GENERAL REVISION
C	2/5/08	ADD CONC. DWG.
D	11/17/10	GENERAL REVISION
E	8/28/17	CHG CORE DEFIN.
F	01/21/20	ADD ADA THRESHOLD

DATE: 6/18/13	SCALE: AS NOTED
DWG. BY: EAG	CHK. BY: S. SAFFELL
JW0509-03	DRAWING NO.:
4 OF 7	SHEET

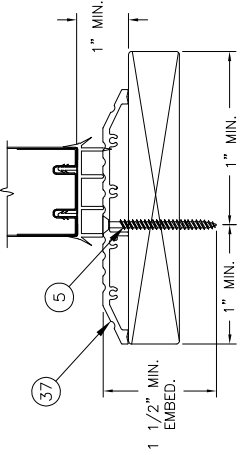


2 B HORIZONTAL CROSS SECTION TYP.  
4 OPERATING UNIT 1X BUCK  
OPTION IN MASONRY/CONCRETE  
(SCALE: 6" = 1'-0")

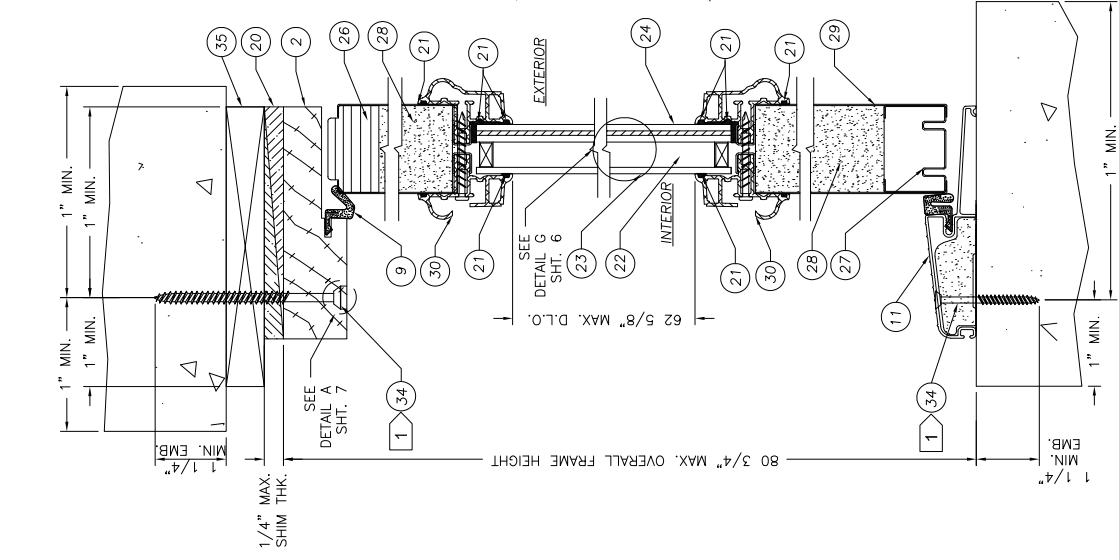


2 C HORIZONTAL CROSS SECTION TYP.  
4 OPERATING UNIT 1X BUCK  
OPTION IN MASONRY/CONCRETE  
RIGHT HINGE SHOWN, LEFT HINGE OPPOSITE SHOWN  
(SCALE: 6" = 1'-0")

2 B CROSS SECTION OF HEAD OR JAMB  
4 OPERATING UNIT 2X BUCK  
OPTION IN MASONRY/CONCRETE  
(SCALE: 6" = 1'-0")



2 A VERTICAL CROSS SECTION (SILL)  
4 OPERATING UNIT 1X BUCK  
OPTIONAL ADA SILL  
(SCALE: 6" = 1'-0")

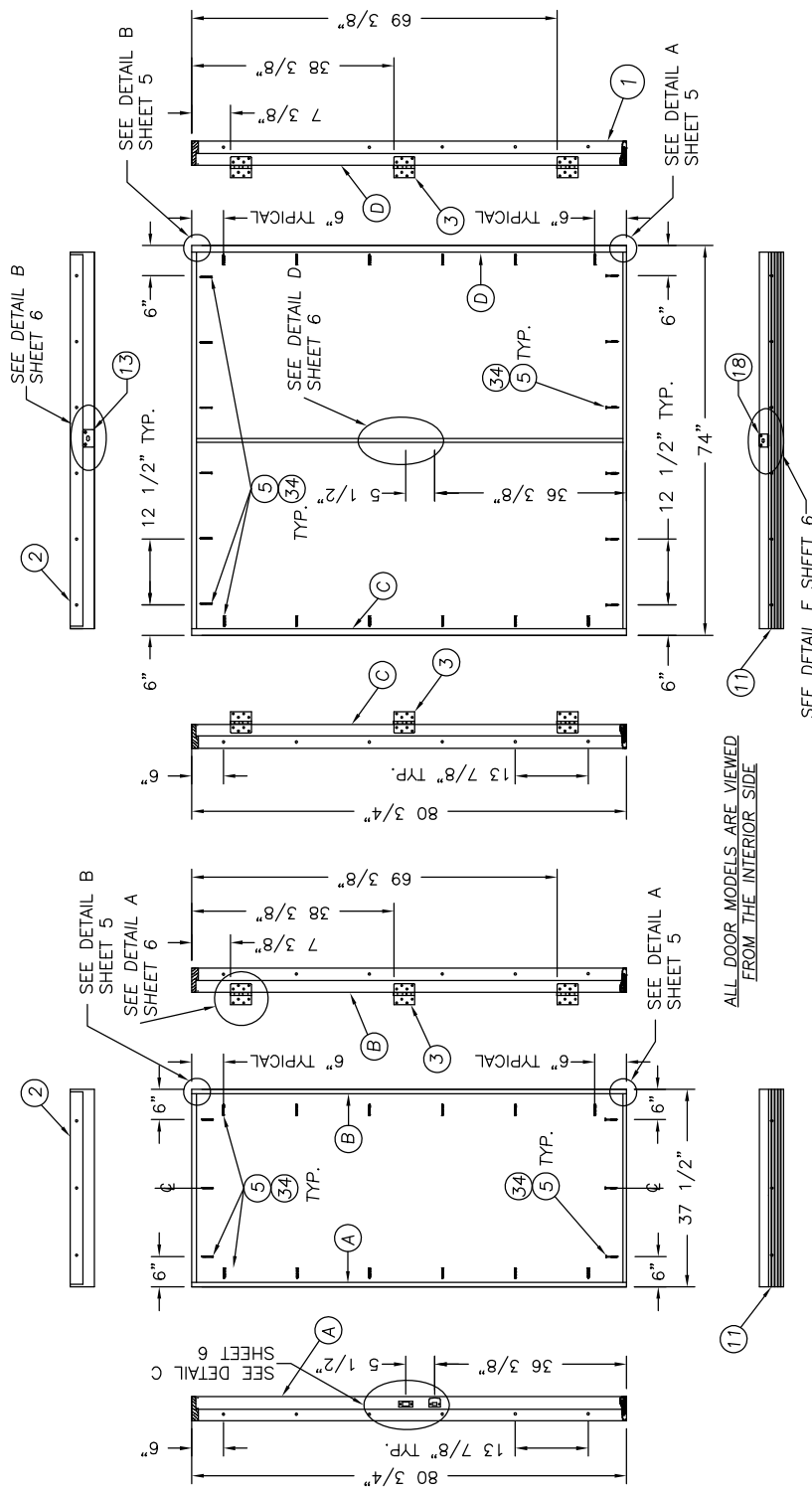


2 A VERTICAL CROSS SECTION TYP.  
4 OPERATING UNIT 1X BUCK  
OPTION IN MASONRY/CONCRETE  
(SCALE: 6" = 1'-0")

NOTES:  
1 FOR TAPCON MASONRY AND WOOD SCREW ANCHOR SPACING (ITEMS #5 & #34), SEE SHEET 5.  
2 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION AS MINIMUM EMBEDMENT IS ACHIEVED.



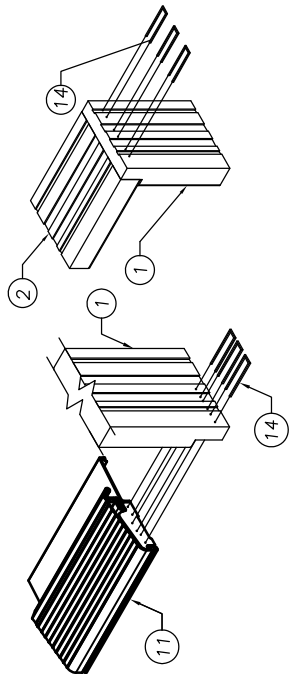




ALL DOOR MODELS ARE VIEWED  
FROM THE INTERIOR SIDE

ANCHORING LOCATIONS  
OUTSWING SINGLE UNIT (X)  
SCALE: 1/2" = 1'-0"

ANCHORING LOCATIONS DOUBLE  
OUTSWING UNIT (XX)  
SCALE: 1/2" = 1'-0"



DETAIL A  
SCALE: 3" = 1'-0"

DETAIL B  
SCALE: 3" = 1'-0"



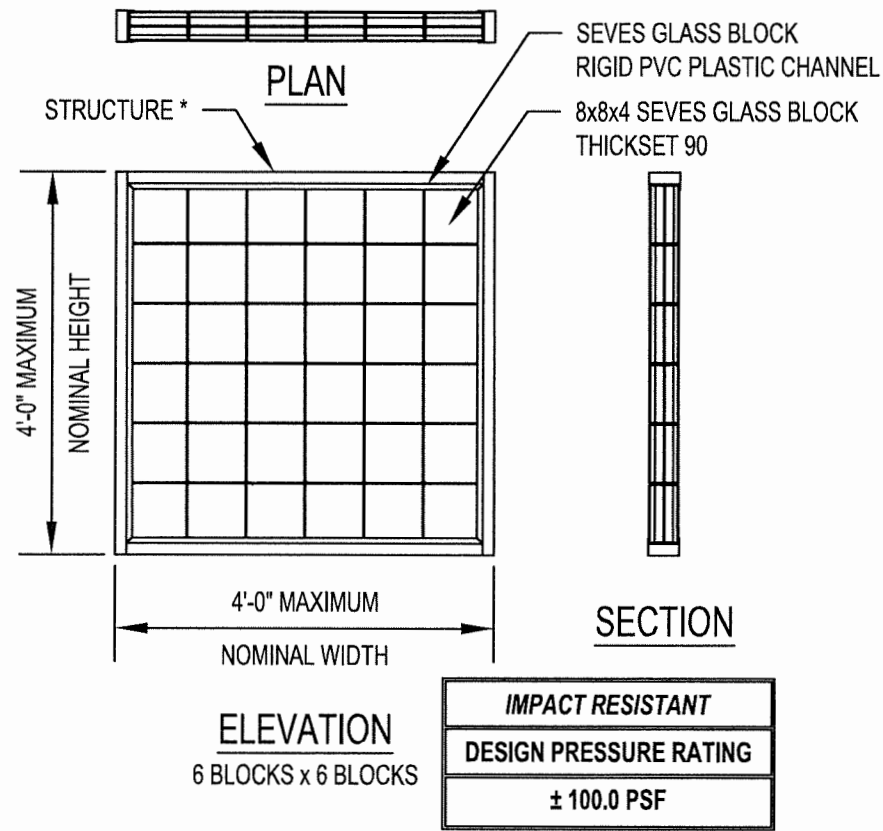
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SCALE:	AS NOTED
DWG. BY:	EAG
CHK. BY:	S. SAFFELL
DRAWING NO.:	JW0509-03
SHEET	5 OF 7

NO.	DATE	REVISIONS
A	12/17/04	GENERAL REVISION
B	4/8/06	GENERAL REVISION
C	2/5/08	ADD CONC. DWG. EAG
D	11/17/10	GENERAL REVISION
E	8/28/17	CHG CORE DEFIN. JH
F	01/21/20	ADD ADA THRESHOLD

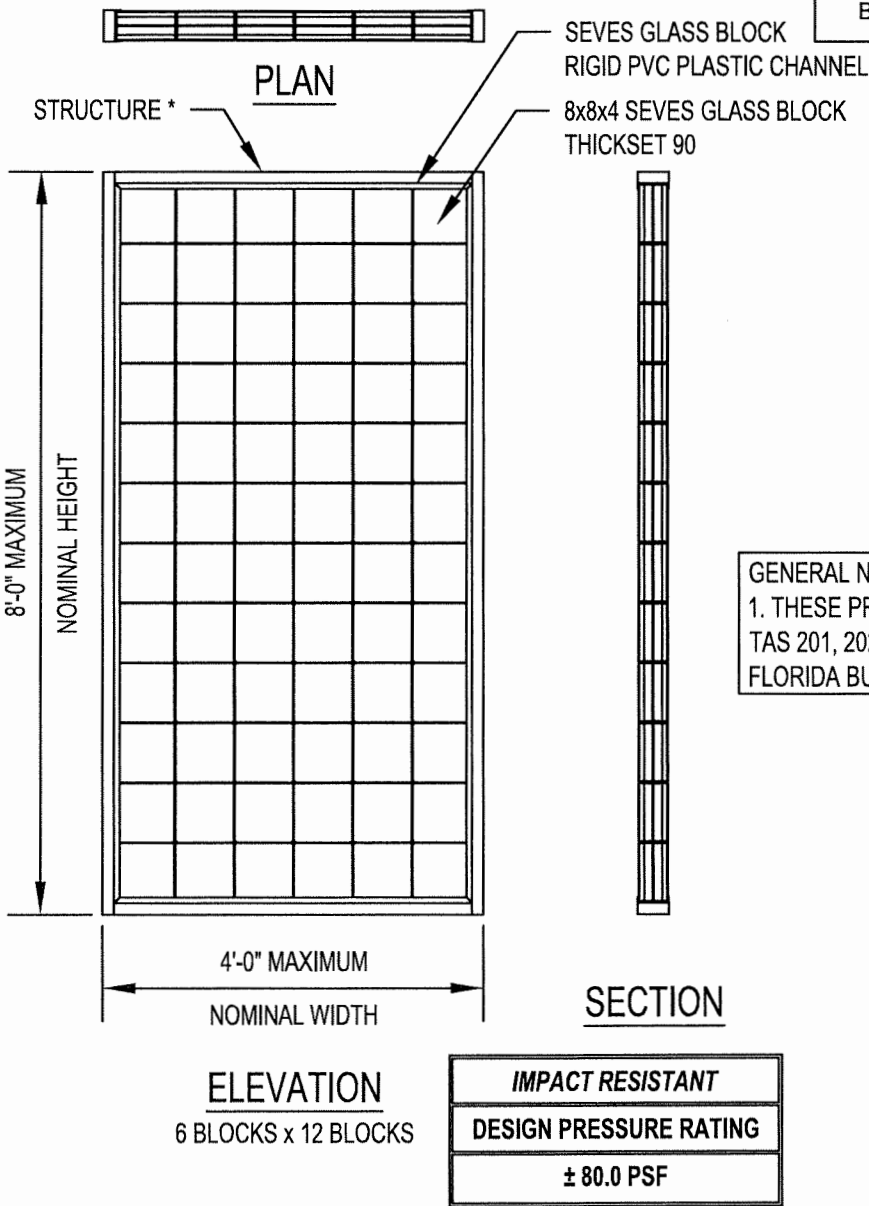
PRODUCT:	WOOD EDGE IMPACT GLAZED STEEL DOOR 6-8 OUTSWING SINGLE OR DOUBLE
PART OR ASSEMBLY:	
ANCHORING LOCATIONS & DETAILS	

**JELD-WEN**  
WINDOWS & DOORS  
3737 Lakewood Blvd.  
Klamath Falls, Oregon 97601  
Ph. (541) 882-3451  
Fax (541) 850-2809

REVISIONS		
REV	DESCRIPTION	DATE
A	SIZES ADDED PER NEW TESTING	6/27/18
B	2020 FBC NOTE ADDED	6/29/20

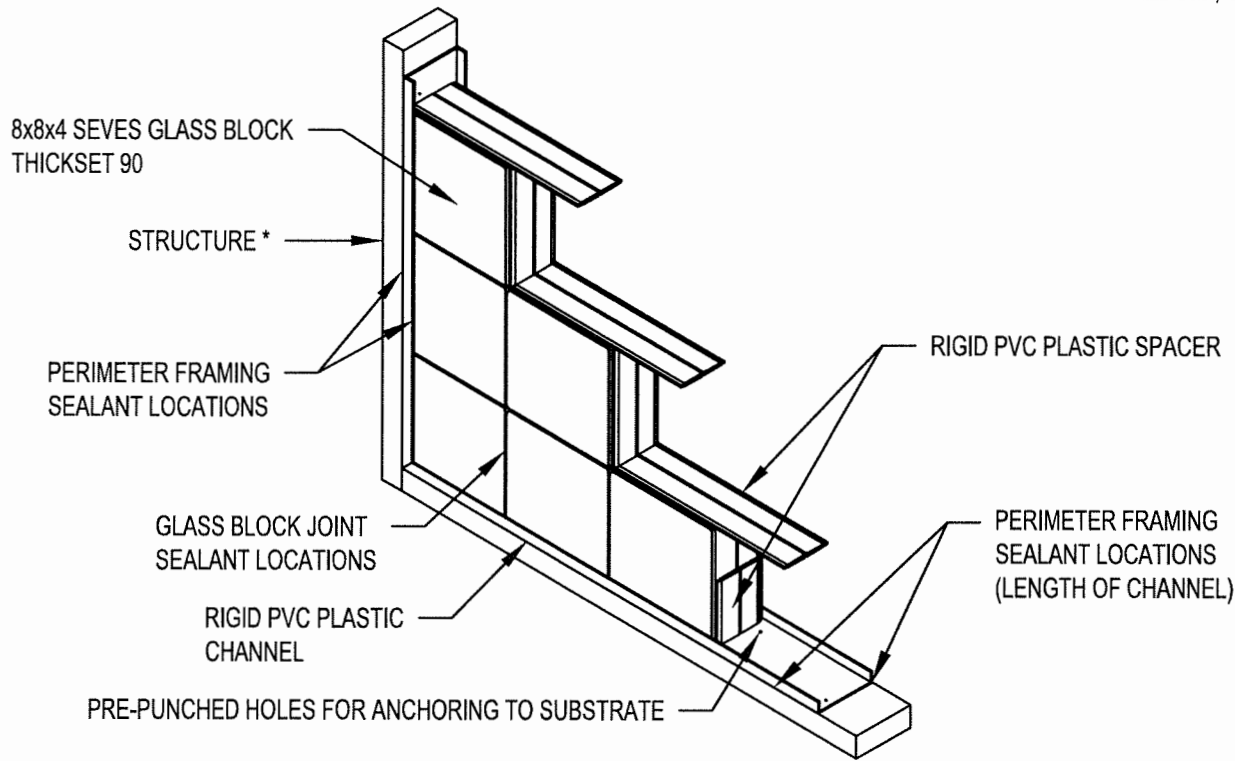


\* SEE ANCHOR SCHEDULE, SHEET 4

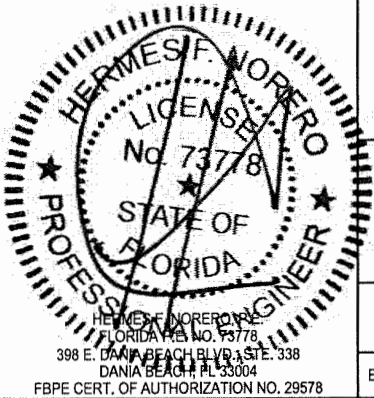


GENERAL NOTES:  
1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202, & 203-94 AND COMPLY WITH THE 2020 (7TH EDITION) FLORIDA BUILDING CODE.

**PRODUCT REVISED**  
as complying with the **Florida Building Code**  
**NOA-No.** 20-1110.08  
**Expiration Date** 12/01/2025  
**By** *Ismael L. Chanda*  
**Miami-Dade Product Control**



Digitally signed by Hermes F Norero  
Reason: I am approving this document  
Date: 2020.11.09 10:42:02 +01'00'

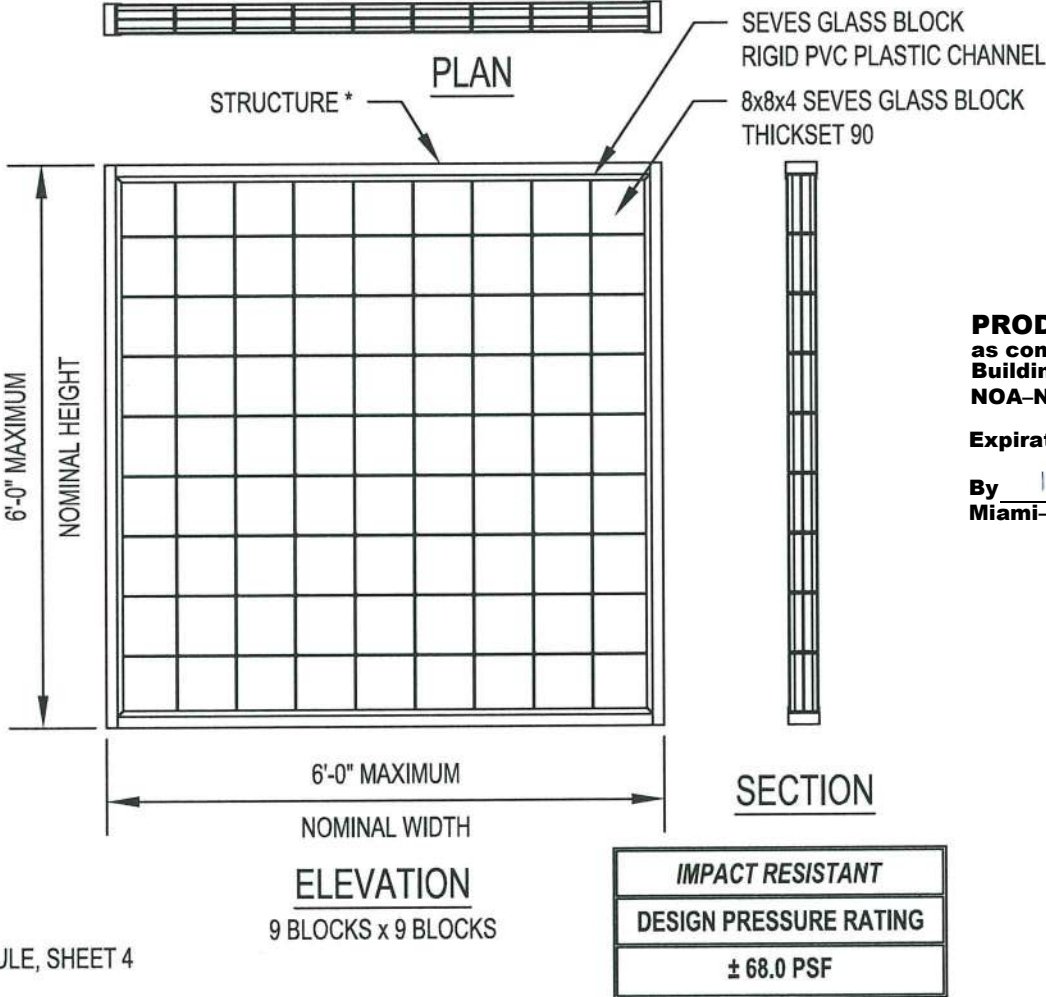
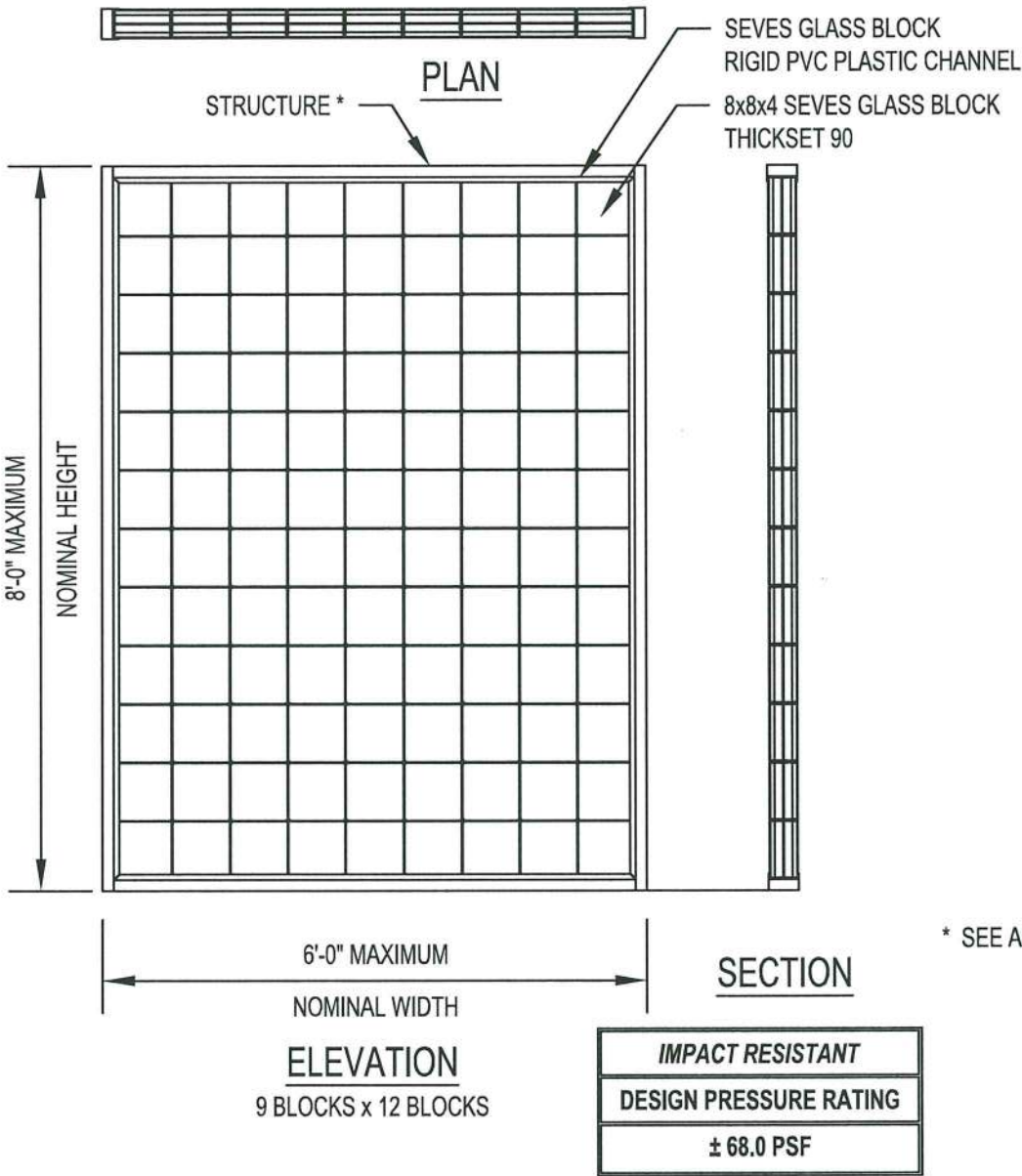


TITLE  
Residential Hurricane Resistant Windows  
With THICKSET® 90 Series Glass Block  
And ProVantage® Silicone System

SEVES GLASS BLOCK, INC.  
10576 BROADVIEW ROAD  
BROADVIEW HEIGHTS, OH 44147

SCALE	1/2" = 1'-0"	DWG. NO.	RHRW-001	REV	B
BY	LMS	DATE	11/17/2015	SHEET	1 OF 4

REVISIONS		
REV	DESCRIPTION	DATE
A	SIZES ADDED PER NEW TESTING	6/27/18
B	2020 FBC NOTE ADDED	6/29/20



**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1110.08  
Expiration Date 12/01/2025  
By Ishag I. Chanda  
Miami-Dade Product Control

\* SEE ANCHOR SCHEDULE, SHEET 4

TITLE

Residential Hurricane Resistant Windows  
With THICKSET® 90 Series Glass Block  
And ProVantage® Silicone System

SEVES GLASS BLOCK, INC.  
10576 BROADVIEW ROAD  
BROADVIEW HEIGHTS, OH 44147

SCALE

1/2" = 1'-0"

DWG. NO.

RHRW-001

REV

B

BY

LMS

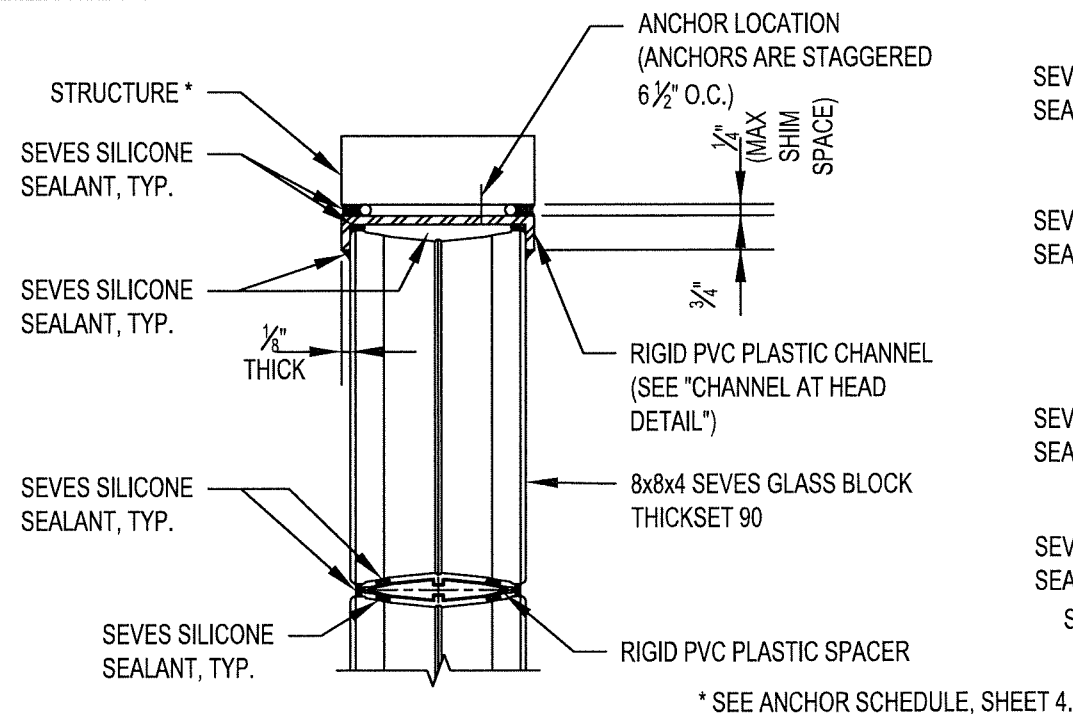
DATE

11/17/2015

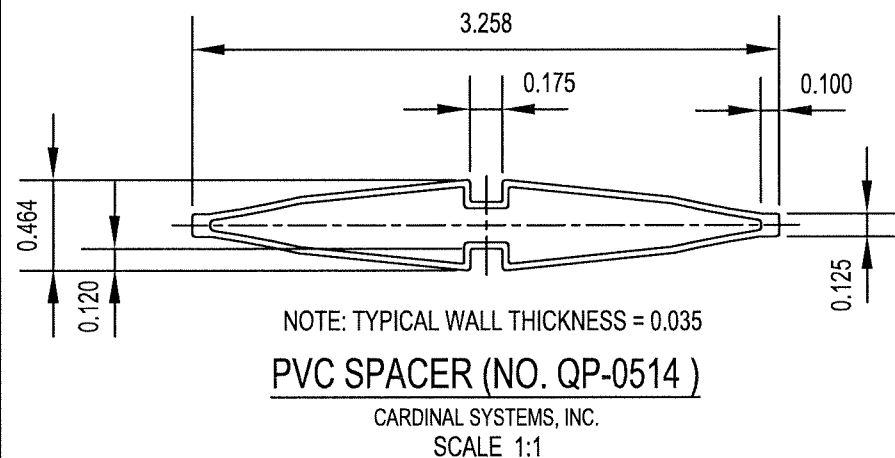
SHEET

1 OF 4

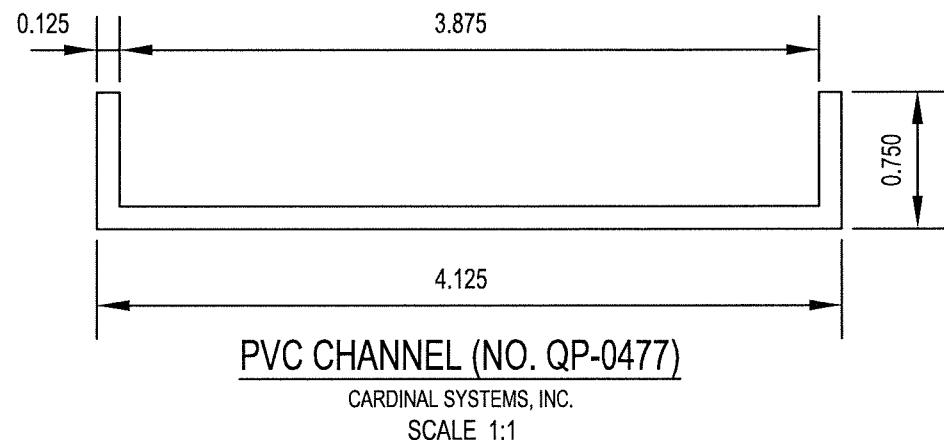




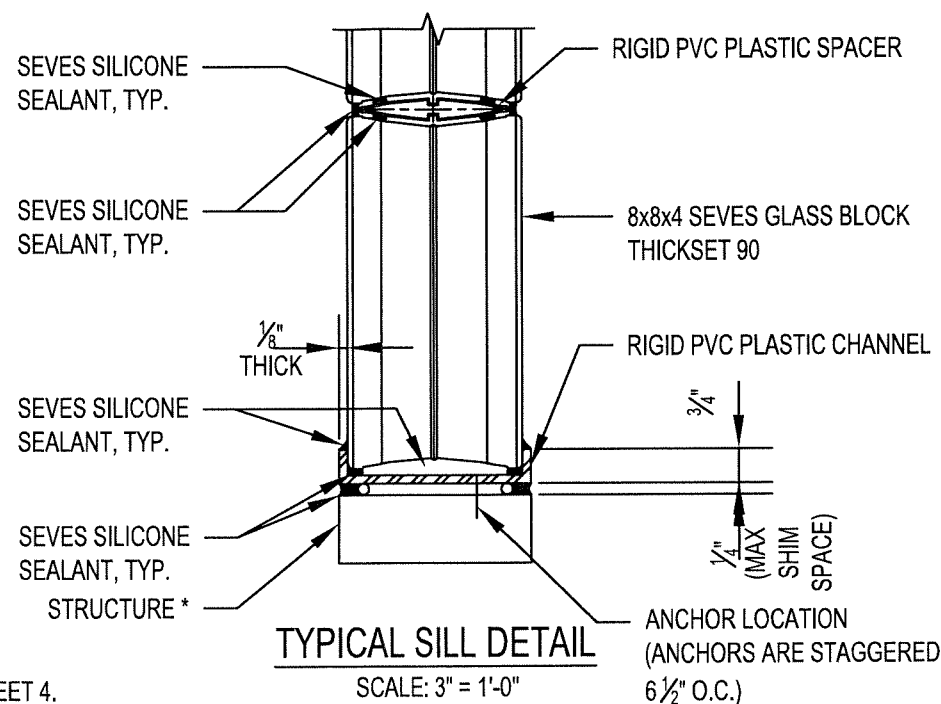
**TYPICAL HEAD DETAIL**  
SCALE: 3" = 1'-0"



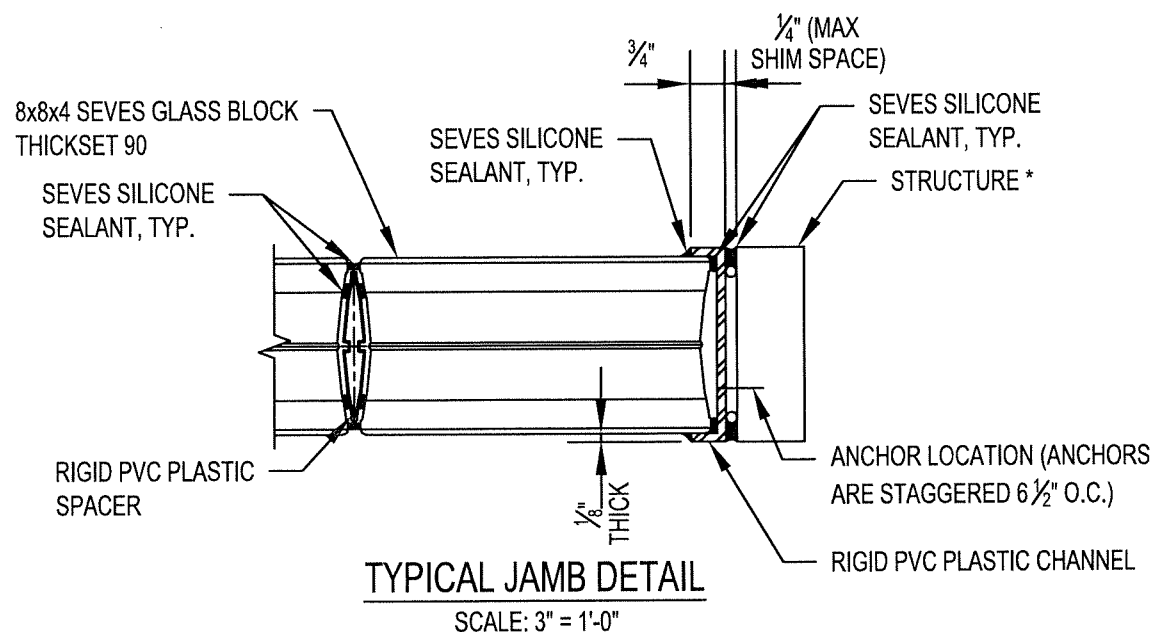
**PVC SPACER (NO. QP-0514)**  
CARDINAL SYSTEMS, INC.  
SCALE 1:1



**PVC CHANNEL (NO. QP-0477)**  
CARDINAL SYSTEMS, INC.  
SCALE 1:1

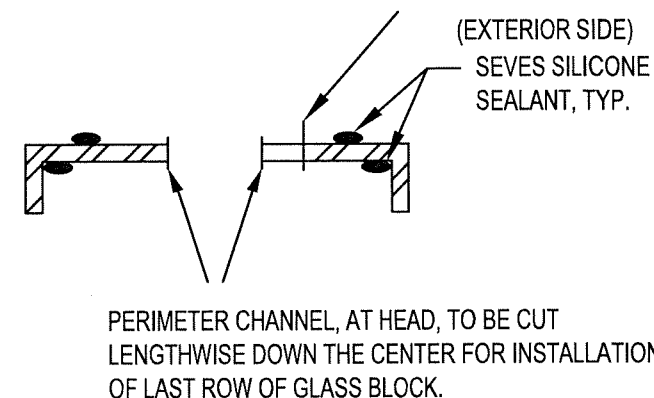


**TYPICAL SILL DETAIL**  
SCALE: 3" = 1'-0"



**TYPICAL JAMB DETAIL**  
SCALE: 3" = 1'-0"

REVISIONS		
REV	DESCRIPTION	DATE
A	SIZES ADDED PER NEW TESTING	6/27/18
B	2020 FBC NOTE ADDED	6/29/20

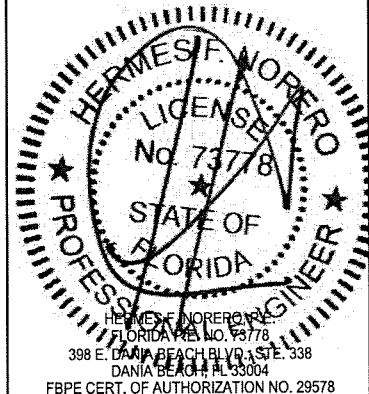


HALF CHANNEL PIECE THAT IS SECURED WITH SCREWS, SHOULD BE ON THE EXTERIOR SIDE.

1/4" BEAD OF SEALANT APPLIED HORIZONTALLY ACROSS THE TOP INSIDE CORNERS OF CHANNEL HALVES.

**CHANNEL AT HEAD DETAIL**  
SCALE: 1/2" = 1"

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 20-1110.08  
Expiration Date 12/01/2025  
By Ishag I. Chanki  
Miami-Dade Product Control



TITLE Residential Hurricane Resistant Windows With THICKSET® 90 Series Glass Block And ProVantage® Silicone System			
SEVES GLASS BLOCK, INC. 10576 BROADVIEW ROAD BROADVIEW HEIGHTS, OH 44147			
SCALE VARIES	DWG. NO. RHRW-001	REV B	
BY LMS	DATE 11/17/2015	SHEET 3 OF 4	

REVISIONS		
REV	DESCRIPTION	DATE
A	SIZES ADDED PER NEW TESTING	6/27/18
B	2020 FBC NOTE ADDED	6/29/20

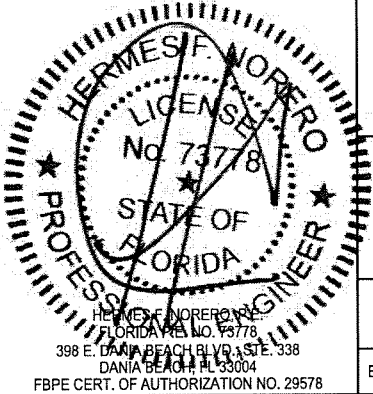
**SPECIFICATION NOTES:**

- **GLASS BLOCK UNITS:** Thickset ® 90 Series 8"x8"x4" or 6"x6"x4" (nominal size).
- **FRAME AND SPACERS:** Extruded white rigid PVC. Frame corners are cut square or mitered and are silicone sealed. Extruded by Cardinal Systems, Inc.
- **SEALANT:** Seves Glass Block Sealant. One part neutral fast curing structural silicone sealant.
- **SEALANT LOCATIONS:** All horizontal and vertical glass block joints; inside corners of perimeter channels; two beads (1/2" from each edge) between back of perimeter channels and framing members; two beads each above and below "long" horizontal spacer and "short" vertical spacers; perimeter joints between glass block and channel legs; and perimeter joints between channels and framing members.
- **REINFORCEMENT:** PVC spacers between all horizontal and vertical joints. Spacers in channels are not required.
- **SHIM SPACES:** Maximum 1/4" shim space between the perimeter channel and wood frame.
- **FIELD INSTALLATION:** Loose materials (glass block, spacers, channels and sealant) are available from Seves Glass Block authorized distributors, dealers and home centers for on-site installation. Complete window units, framed within 2x6 treated lumber, and pre-fabricated by Seves Glass Block in accordance with these instructions, are also available from authorized distributors, dealers and home centers. **NOTE:** These windows are recommended for **RESIDENTIAL APPLICATIONS ONLY**.

ANCHORAGE SCHEDULE					
SUBSTRATE	MATERIAL DATA	FASTENER	SPACING	MIN. EMBEDMENT (E)	MIN. EDGE DISTANCE (E.D.)
STEEL	MIN. 18 GA. f <sub>y</sub> = 33 KSI	#10-16 HWH ITW TEK SCREW GR. 5 (FLAT HEAD)	2" FROM CORNER, 6½" O.C.	3 THREADS PENETRATION BEYOND STEEL FRAMING	¾"
CONCRETE	MIN. f <sub>c</sub> = 3000 PSI	3/16"Ø HILTI KWIK CON II+ (FLAT HEAD)	2" FROM CORNER, 6½" O.C.	1"	1 ½"
		3/16"Ø ITW TAPCONS	2" FROM CORNER, 6½" O.C.	1"	2"
MASONRY	CONFORMS TO ASTM C90 GROUT CONFORMS TO ASTM C476 MIN. GROUT f <sub>c</sub> = 2000 PSI	3/16"Ø HILTI KWIK CON II+ (FLAT HEAD)	2" FROM CORNER, 6½" O.C.	1"	1 ½"
		3/16"Ø ITW TAPCONS	2" FROM CORNER, 6½" O.C.	1"	2 "
WOOD	MIN. S.G. = 0.55	#8 WOOD SCREW (FLAT HEAD)	2" FROM CORNER, 6½" O.C.	1-1/2"	¾"

**PRODUCT REVISED**  
as complying with the **Florida**  
**Building Code**  
**NOA-No.** 20-1110.08  
**Expiration Date** 12/01/2025  
**By** Ismael L. Chanik  
**Miami-Dade Product Control**

SEVES GLASS BLOCK			
SERIES	PATTERN	NOMINAL DIM.	MIN. FACE THICKNESS
THICKSET® 90	NUBIO®	8"x8"x4"	0.75 IN.
		6"x6"x4"	0.75 IN.
THICKSET® 90	CLARITY®	8"x8"x4"	0.75 IN.
		6"x6"x4"	0.75 IN.
THICKSET® 90	ENDURA®	8"x8"x4"	0.75 IN.



TITLE Residential Hurricane Resistant Windows With THICKSET® 90 Series Glass Block And ProVantage® Silicone System			
SEVES GLASS BLOCK, INC. 10576 BROADVIEW ROAD BROADVIEW HEIGHTS, OH 44147			
SCALE NTS	DWG. NO. RHRW-001	REV B	
BY LMS	DATE 11/17/2015	SHEET 4 OF 4	