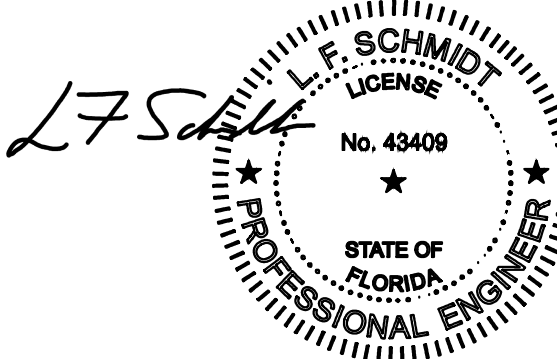




"READY MOUNT"
HURRICANE SHUTTERS
"IMPACT"

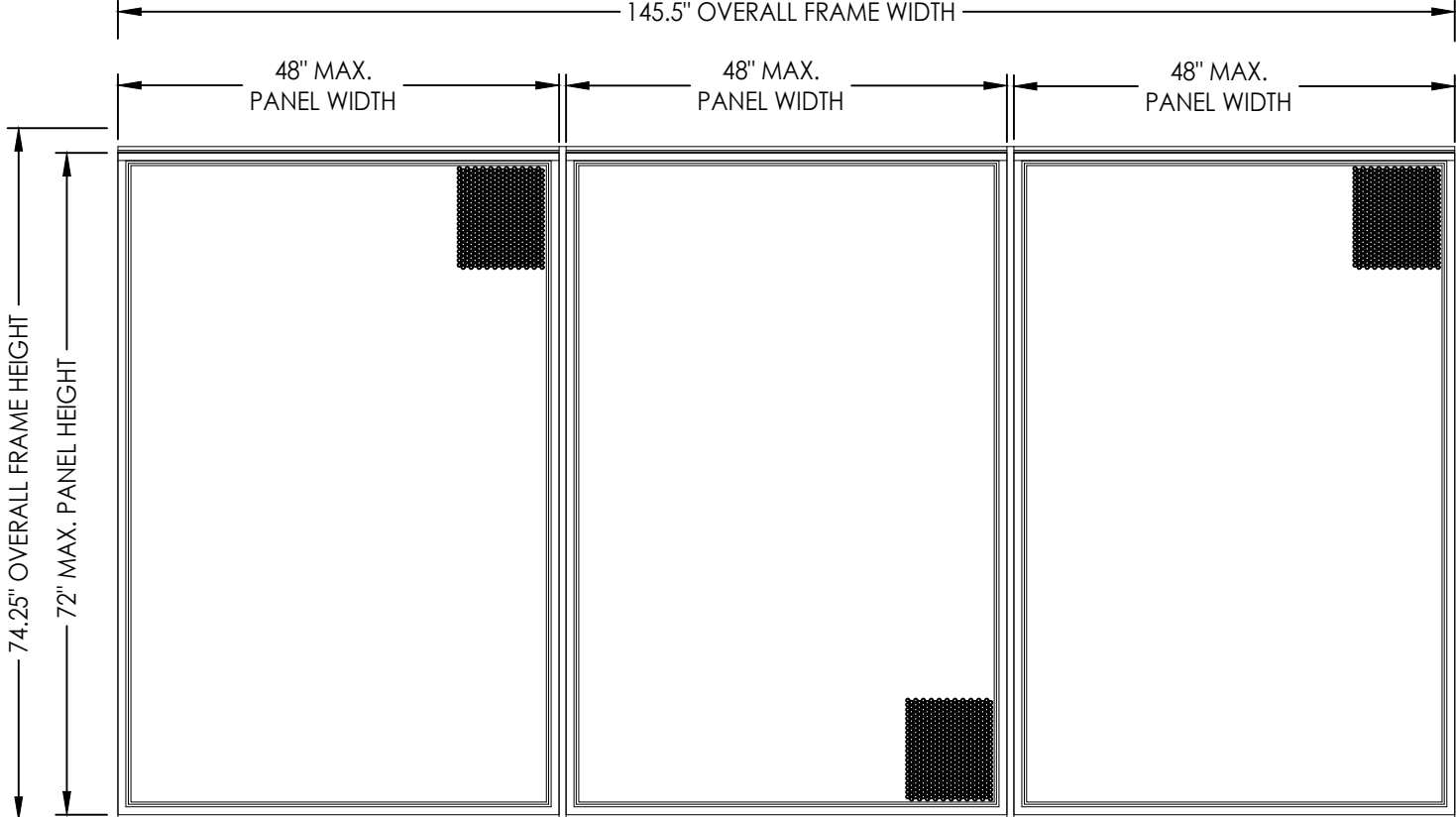


Digitally signed by
Lyndon F Schmidt
Date: 2023.10.09
14:14:18 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

GENERAL NOTES

- 1. This product anchoring has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifcations and ratings.
- 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 3. When used in the HVHZ, this product complies with FBC Section 1626 as an impact resistant covering.
- 4. When used in areas outside the HVHZ, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 as an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- 5. The system detailed herein is generic and does not provide information for a specific site. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- 6. Permit holder shall verify the adequacy of the existing structure to withstand new superimposed loads.



4' X 6' TRIPLE "READY MOUNT"

MAX. OVERALL PANEL DIMENSION	MAX. PERFORATED STEEL SCREEN D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
48.0" X 72.0"	45.25" X 69.25"	+80.0	-80.0

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevation, Design Pressures & General Notes
2	Elevaton & Screen Details
3	Horizontal & Vertical Cross Sections (Inset Mount)
4	Horizontal & Vertical Cross Sections (Face Mount)
5	Frame Anchoring (Inset Mount)
6	Frame Anchoring (Face Mount)
7	Bill of Materials & Components

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

HURRICANE SCREEN

PRODUCT:

Part or Assembly:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

PART OR ASSEMBLY:

REVISIONS

NO. DATE

DATE: 4/17/23

SCALE: N.T.S.

DWG. BY: LFS

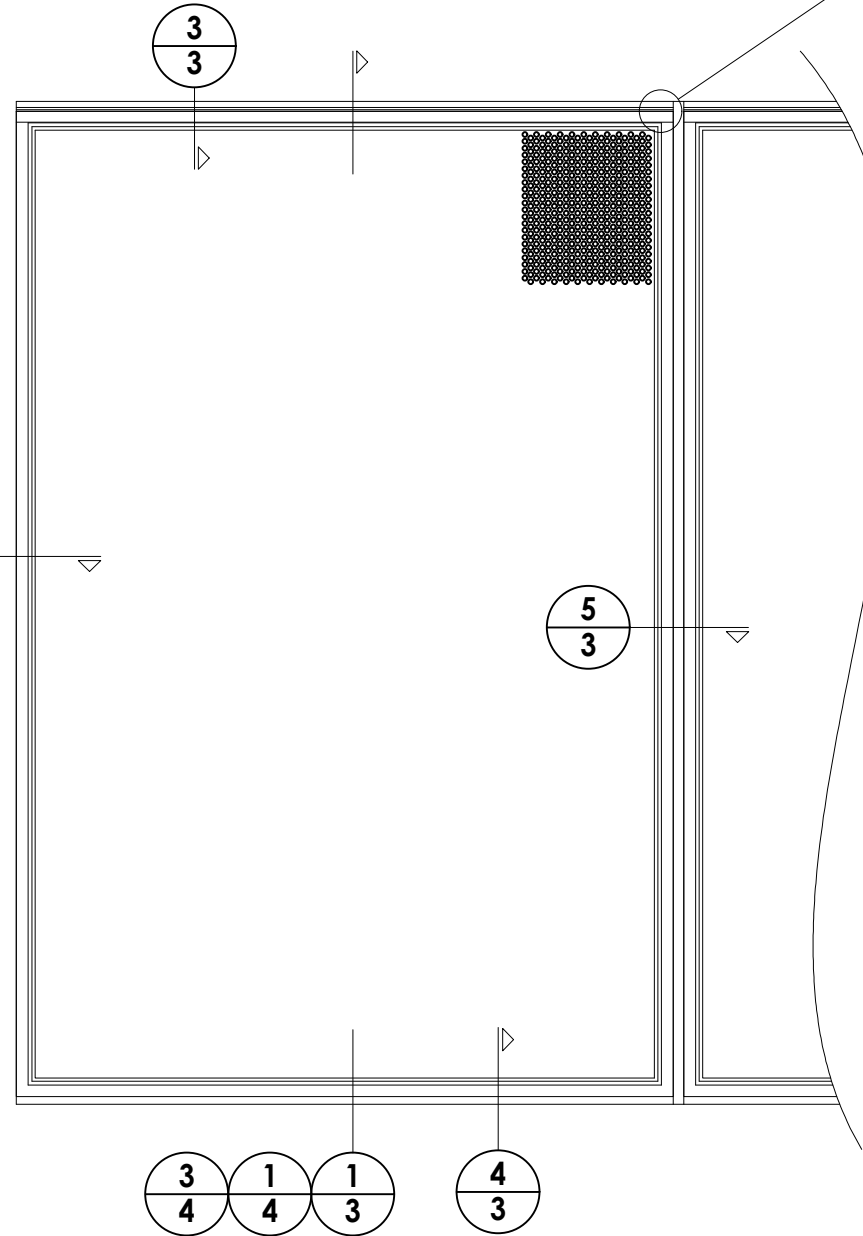
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DRAWING NO.: FL-42098.2

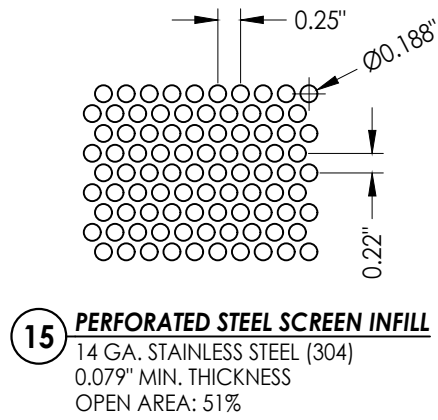
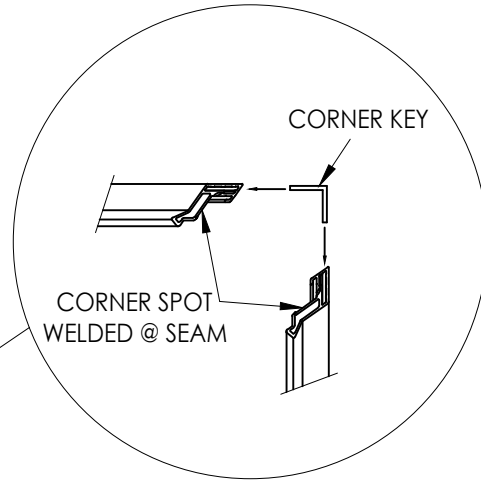
SHEET 1 OF 7

Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

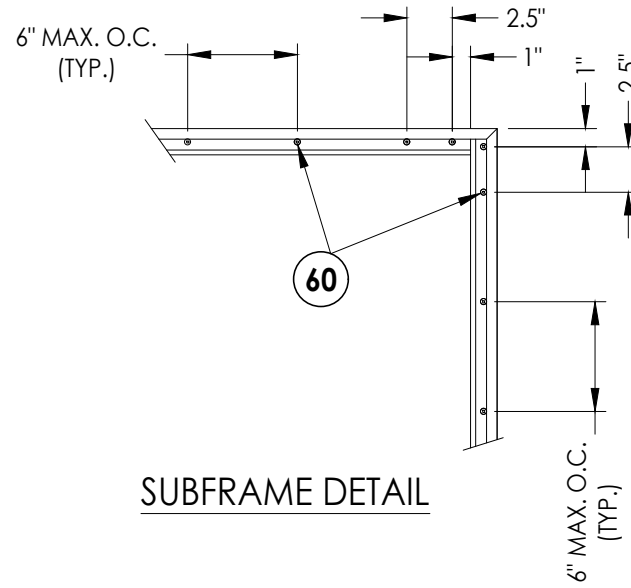
© 2023 R.W. BUILDING CONSULTANTS INC.



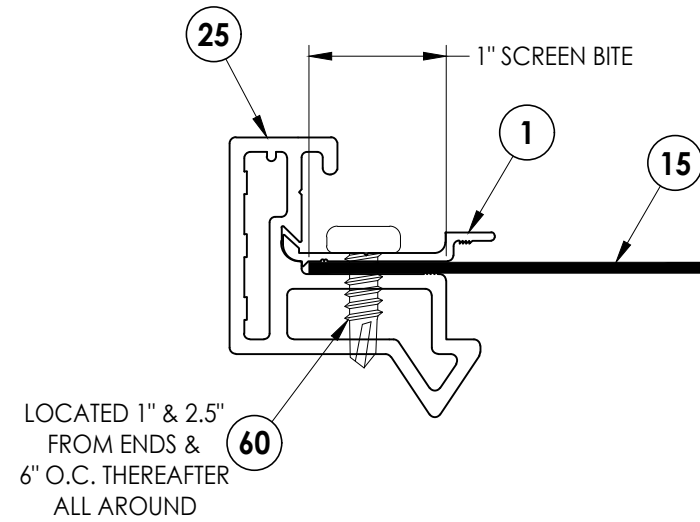
SUBFRAME CORNER DETAIL



SUBFRAME DETAIL

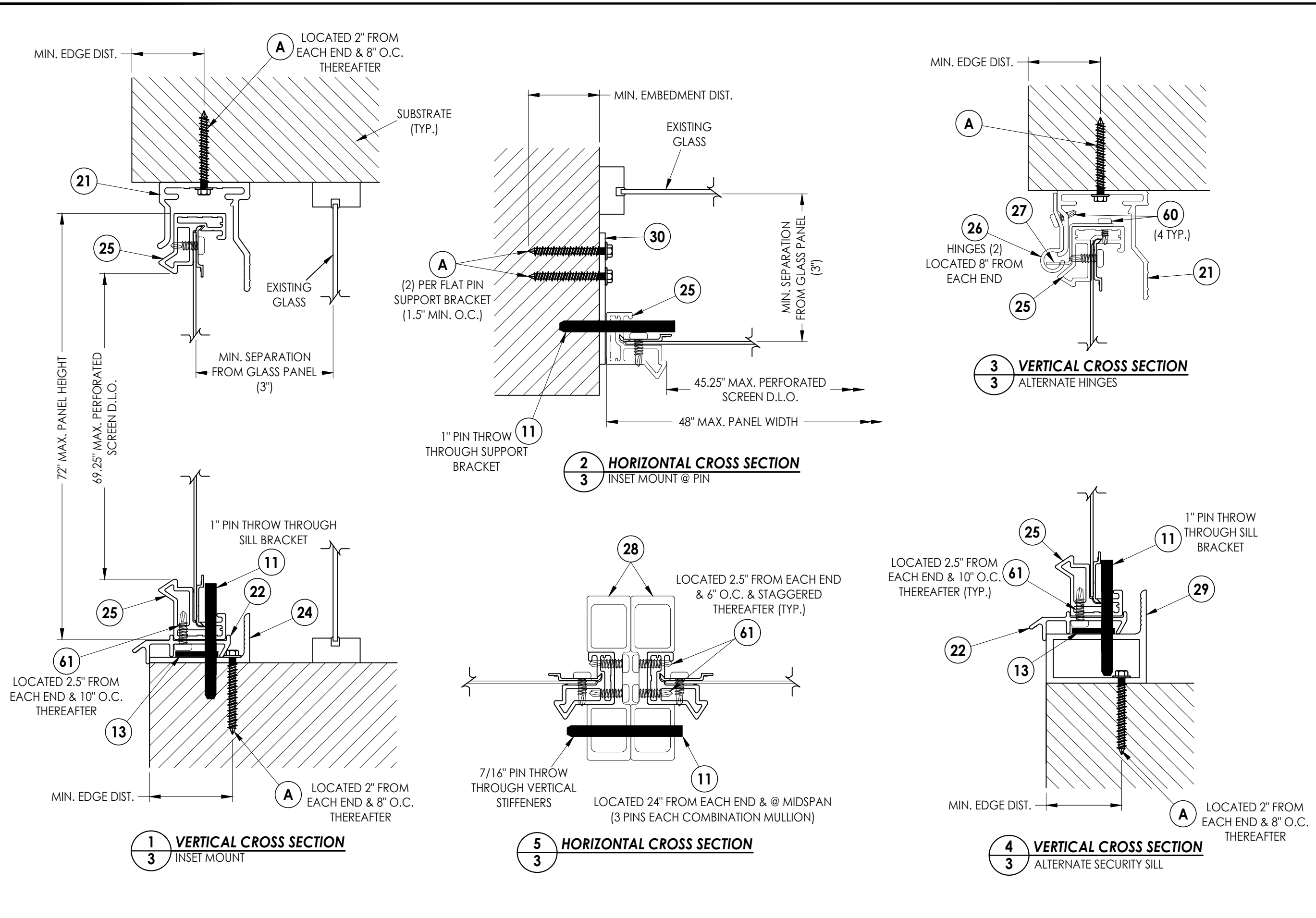


SCREEN INFILL ATTACHMENT DETAIL

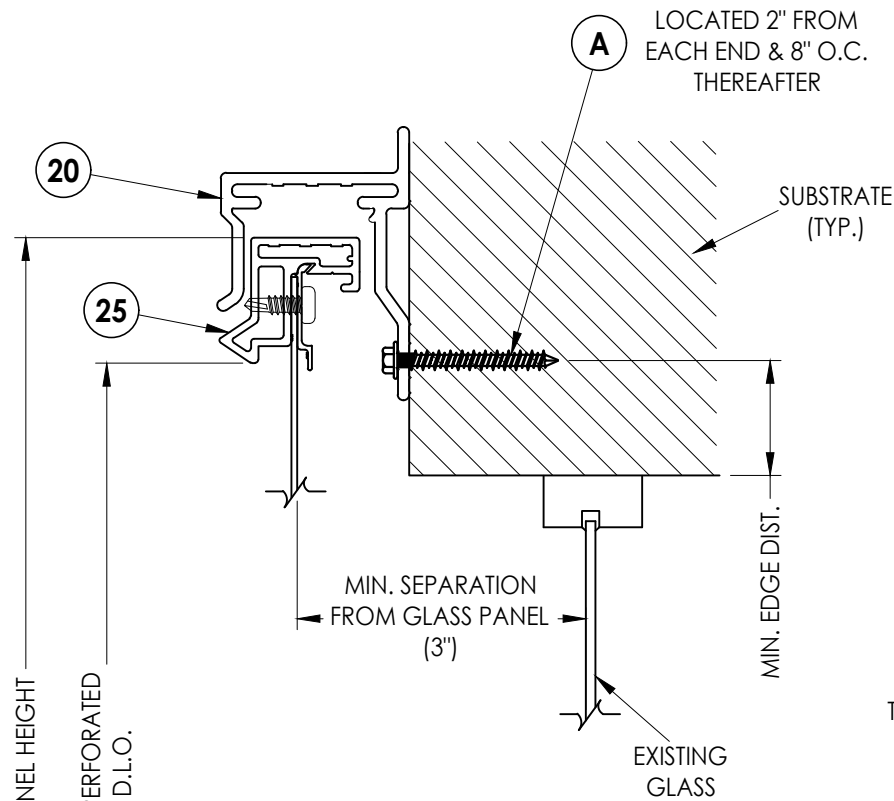
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

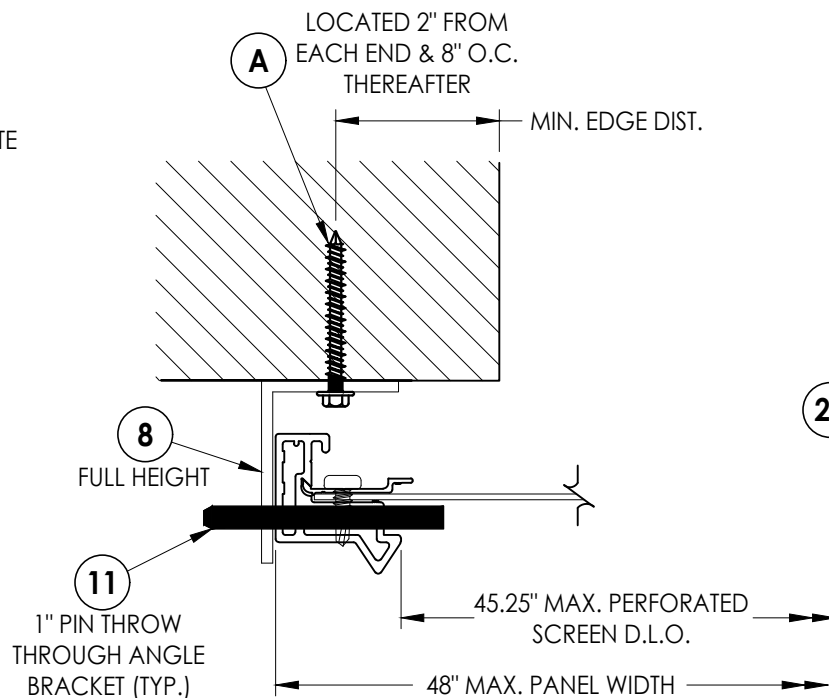
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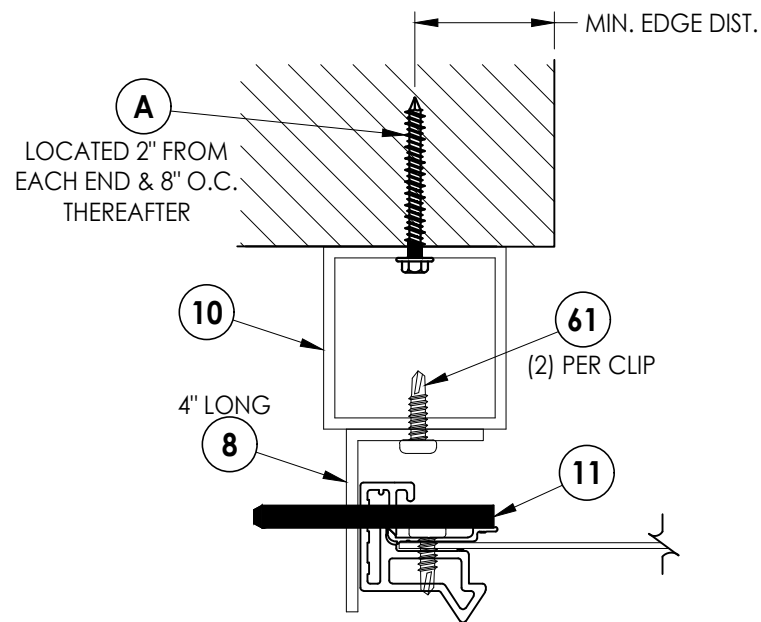
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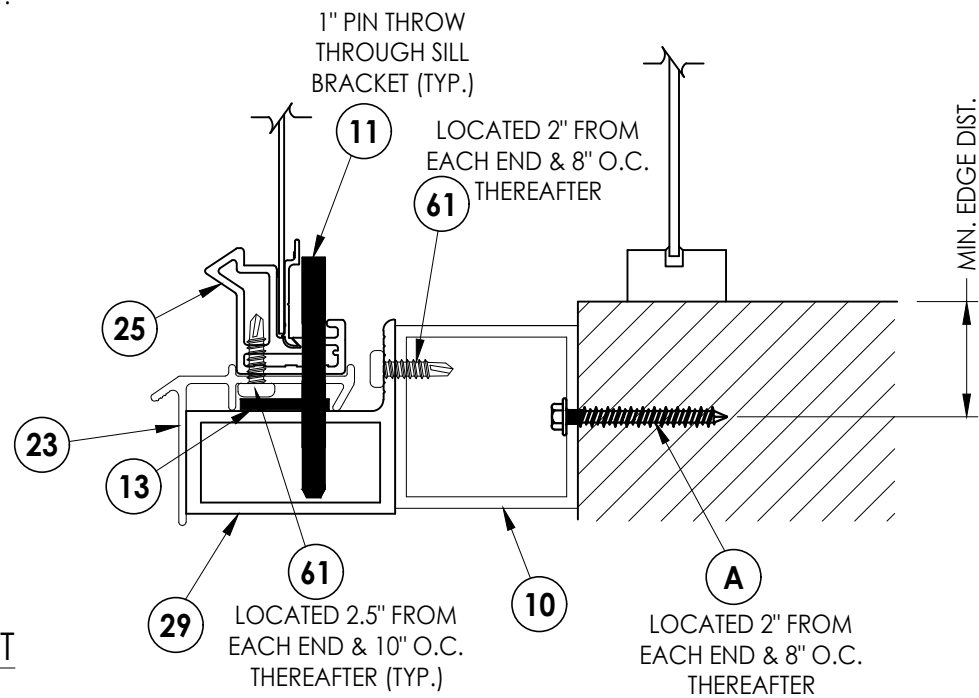
1
4 VERTICAL CROSS SECTION
FACE MOUNT



SECTION THROUGH JAM @ PIN SUPPORT



SECTION THROUGH JAM @ PIN SUPPORT
w/ BUILD-OUT



3
4 VERTICAL CROSS SECTION
BUILD-OUT INSTALLATION

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: HURRICANE SCREEN
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (FACE MOUNT)

REVISIONS		DATE	BY	LFS
1	10/9/23	UPDATE TO 8TH ED. (2023)	FBC	

DATE: 4/17/23

SCALE: N.T.S.

DWG. BY: LFS

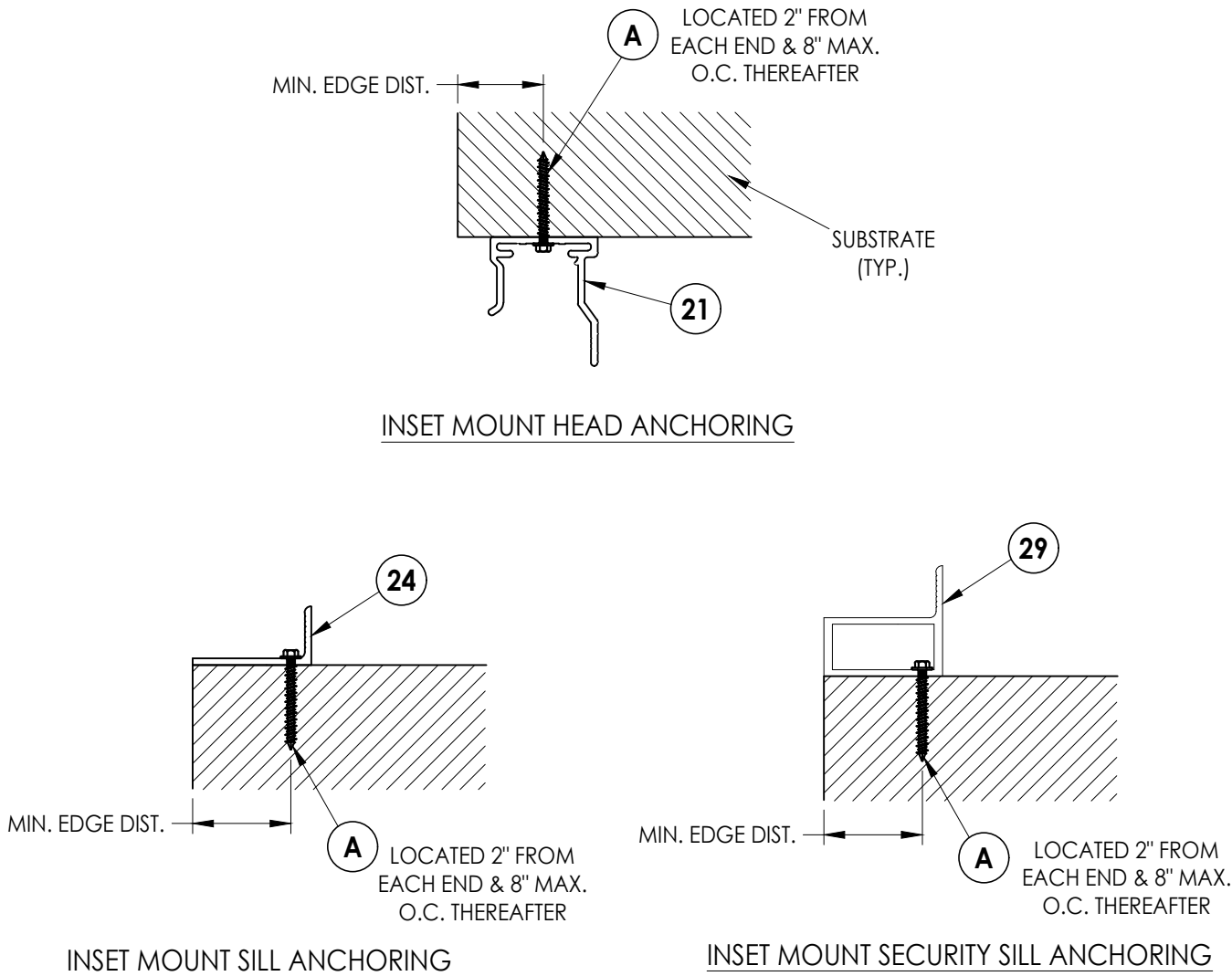
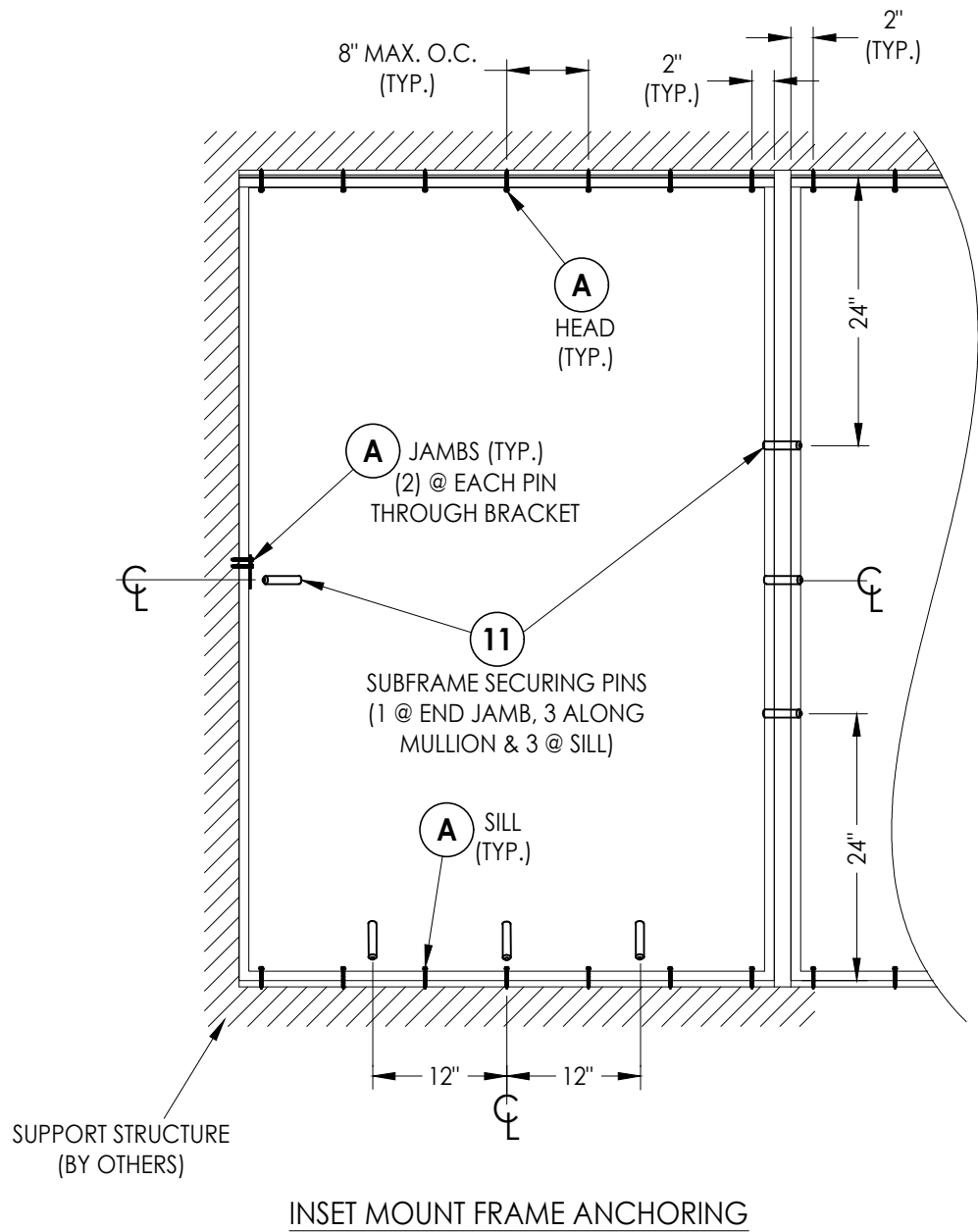
CHK. BY: RW

DRAWING NO.:

FL-42098.2

SHEET 4 OF 7

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A ANCHOR SCHEDULE				
SUBSTRATE	ANCHOR	EMBEDMENT	EDGE DISTANCE	CENTER-TO-CENTER SPACING
CONCRETE	1/4" Ø HWH DeWALT ULTRAICON+® 	1-3/4" MIN.	1-1/4" MIN.	1-1/2" MIN.

CONCRETE CONFORMING TO ACI 301 (3,000 PSI MIN.) OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
HURRICANE SCREEN

PART OR ASSEMBLY:
FRAME ANCHORING
(INSET MOUNT)

NO.	DATE	REVISIONS
1	10/9/23	UPDATE TO 8TH ED. (2023) FBC
LFS	BY	

DATE: 4/17/23

SCALE: N.T.S.

DWG. BY: LFS

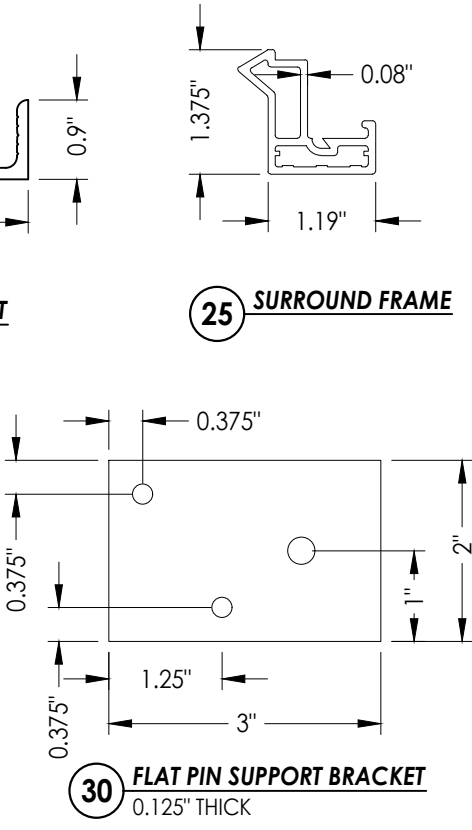
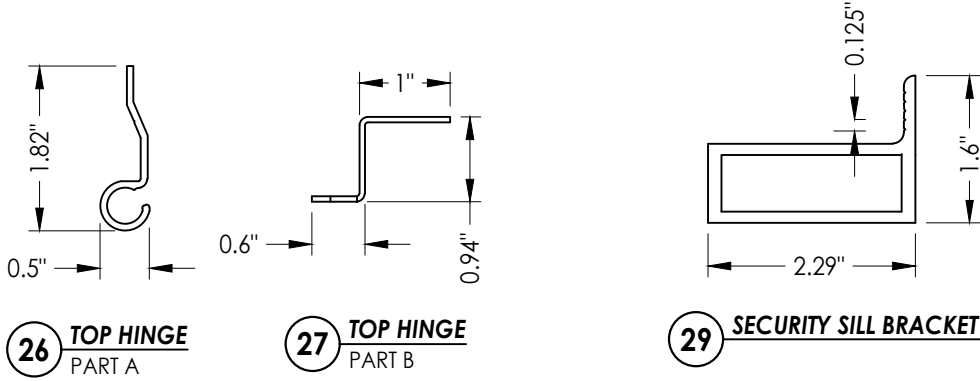
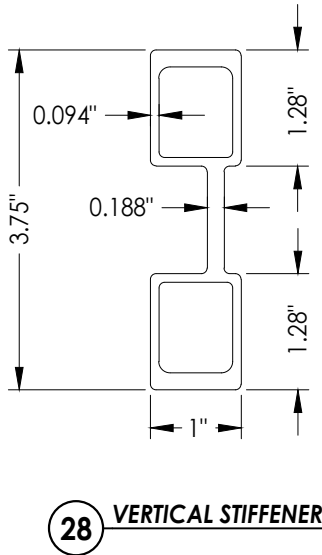
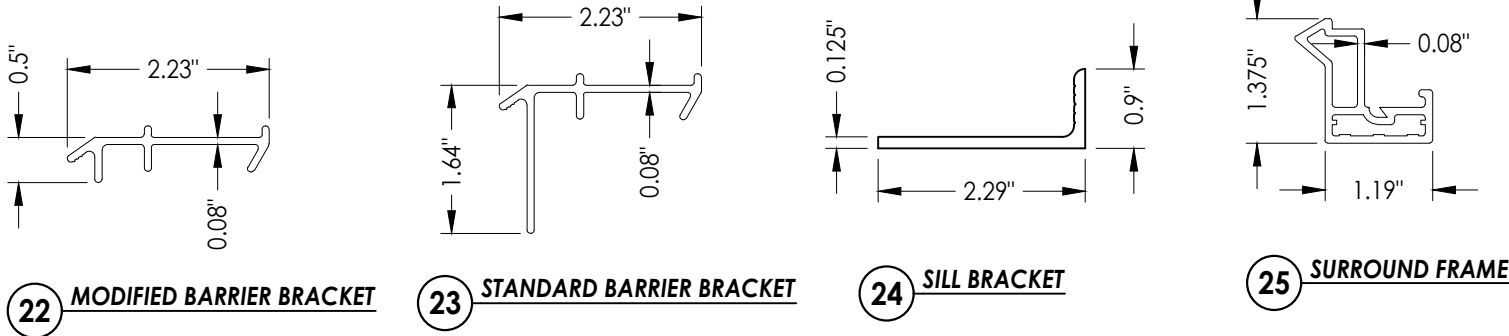
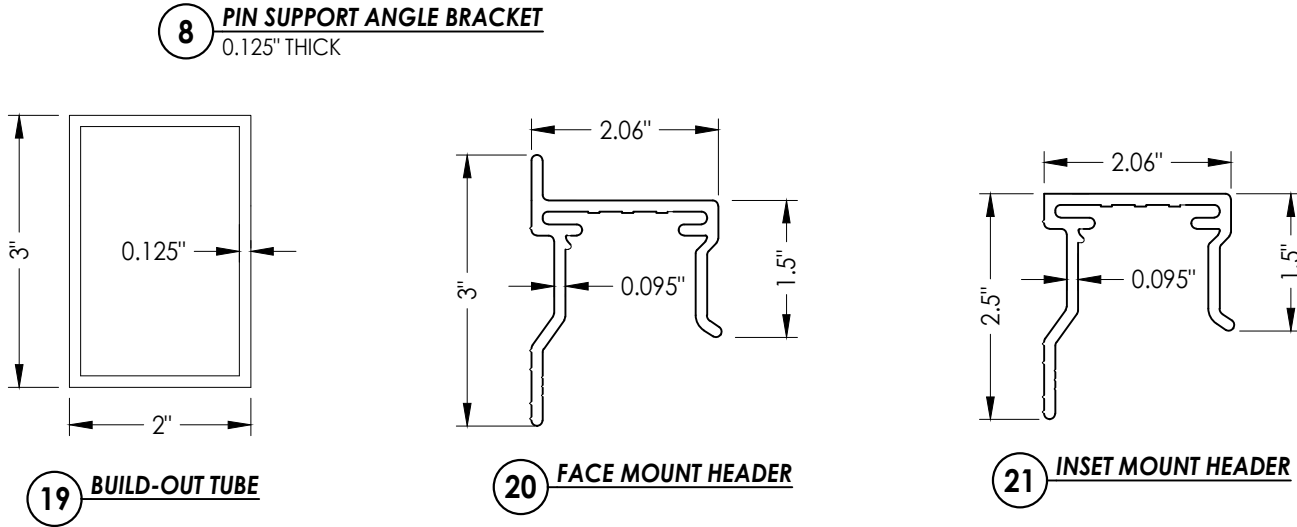
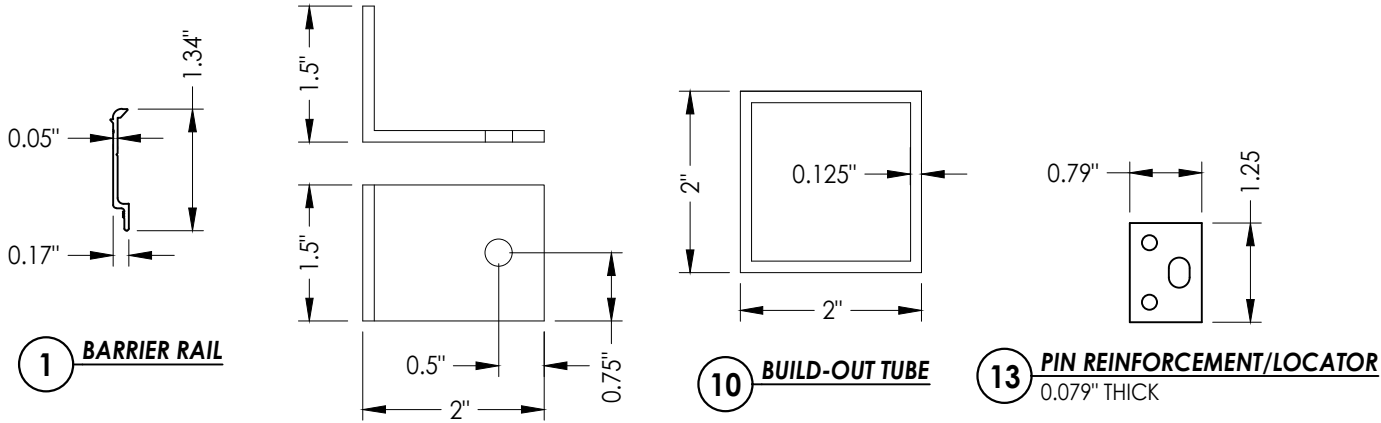
CHK. BY: RW

DRAWING NO.:
FL-42098.2

SHEET 5 OF 7

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	ANCHOR (SEE SHEETS 5 & 6 FOR ANCHORING SCHEDULE)	-
1	BARRIER RAIL	6063-T5 ALUM
8	ANGLE CLIP (2" X 1.5" X 0.125" ANGLE)	6063-T5 ALUM
10	BUILD-OUT TUBE (2" X 2")	6061-T5 ALUM
11	SECURING PIN (1/4" Ø X 2-5/8" LONG)	STAINLESS STEEL
13	PIN REINFORCEMENT/LOCATOR	STAINLESS STEEL
15	PERFORATED SCREEN INFILL	STAINLESS STEEL
19	BUILD-OUT TUBE (2" X 3")	6061-T5 ALUM
20	FACE MOUNT HEADER	6063-T5 ALUM
21	INSET MOUNT HEADER	6063-T5 ALUM
22	MODIFIED BARRIER BRACKET	6063-T5 ALUM
23	STANDARD BARRIER BRACKET	6063-T5 ALUM
24	SILL BRACKET	6063-T5 ALUM
25	SURROUND FRAME	6063-T5 ALUM
26	TOP HINGE (PART A)	6063-T5 ALUM
27	TOP HINGE (PART B)	6063-T5 ALUM
28	VERTICAL STIFFENER	6063-T5 ALUM
29	SECURITY SILL BRACKET	6063-T5 ALUM
30	FLAT PIN SUPPORT BRACKET	6063-T5 ALUM
60	#10 X 5/8" PAN SQ. HEAD SELF-DRILLING SMS	STAINLESS STEEL
61	#10 X 3/4" PAN SQ. HEAD SELF-DRILLING SMS	STAINLESS STEEL



Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: HURRICANE SCREEN		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
		LFS	BY
		1	10/9/23
		NO.	DATE
REVISIONS			
DATE: 4/17/23			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-42098.2			
SHEET 7 OF 7			