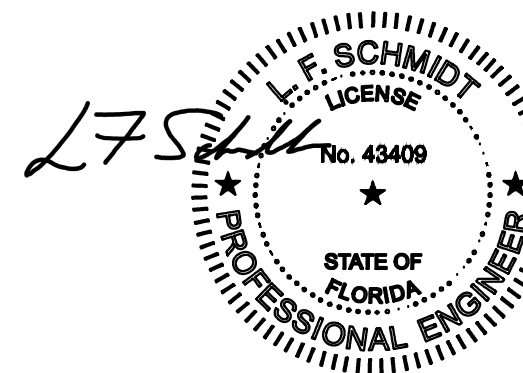




Digitally signed by
Lyndon F Schmidt
Date: 2023.10.09
14:14:06 -04'00'

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.

DATE: 4/20/23										PRODUCT:	
SCALE: N.T.S.										HURRICANE SCREEN	
DWG. BY: LFS											
CHK. BY: RW											
DRAWING NO.:											
FL-42098.4											
SHEET 1 OF 8											

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

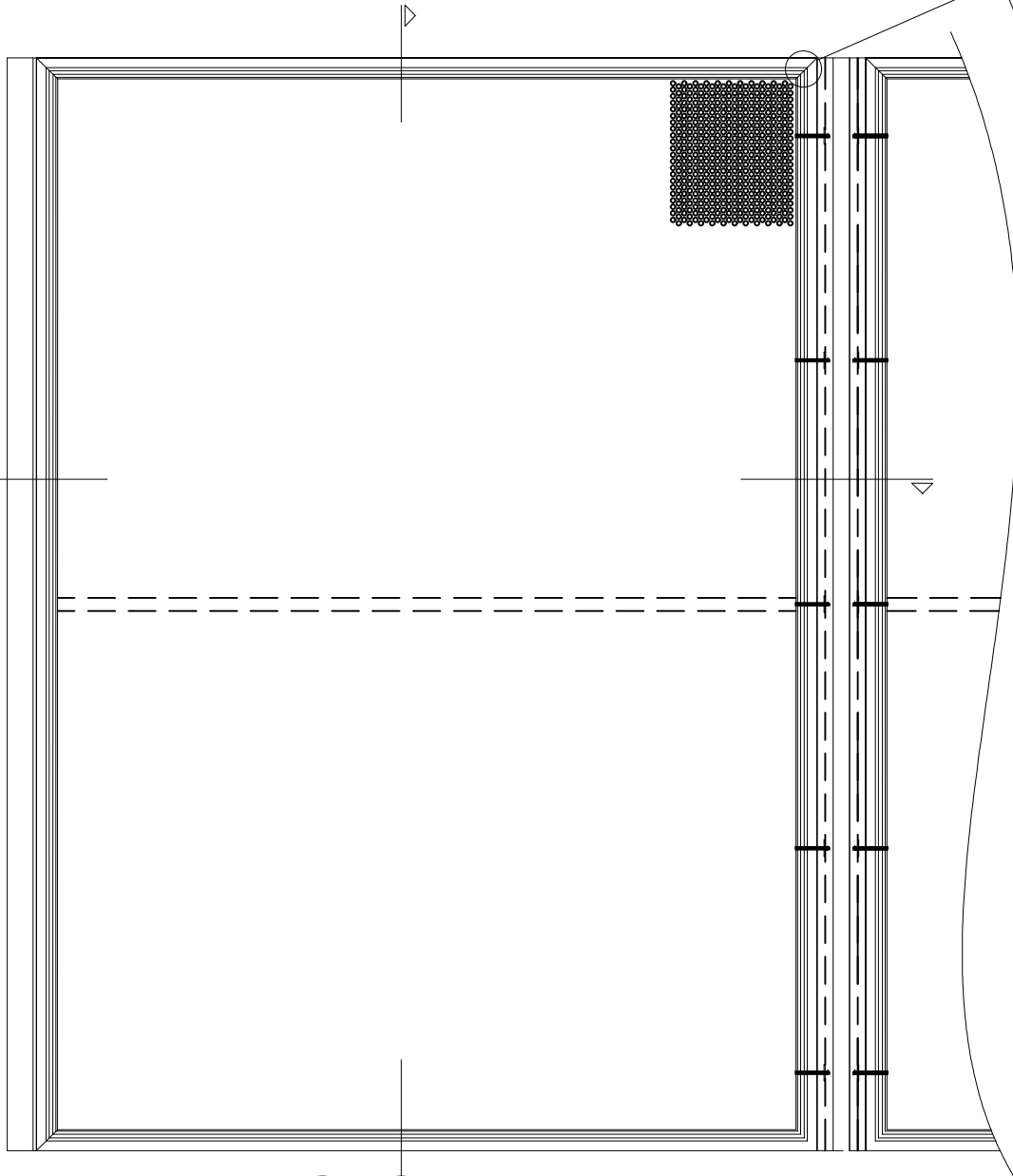
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPE Registry No. 9813

[illegible]

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2
4

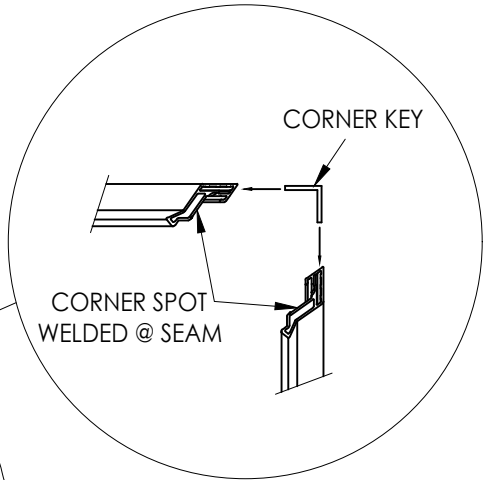
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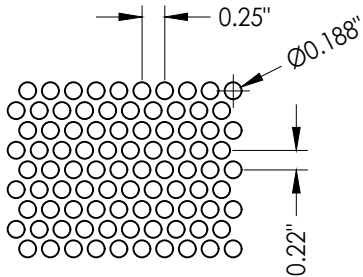
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4

1
3

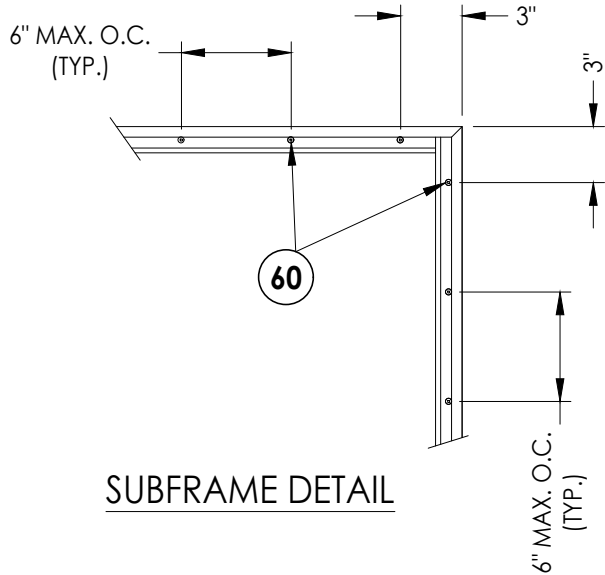
FRAME ELEVATION



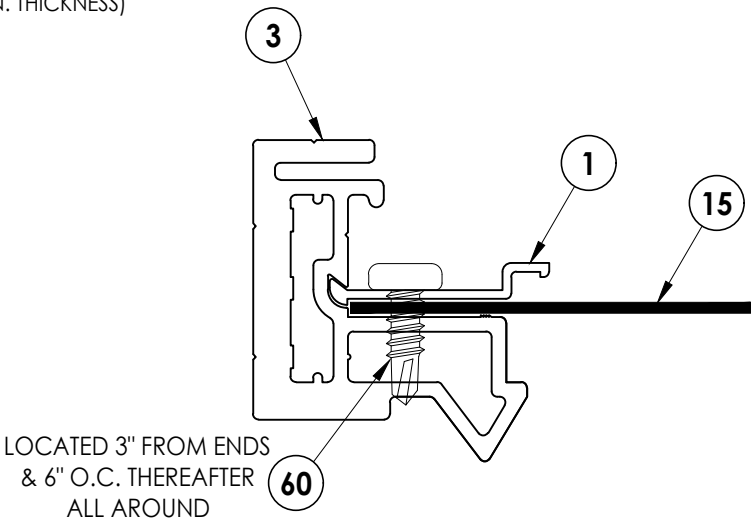
SUBFRAME CORNER DETAIL



15 PERFORATED STEEL SCREEN INFILL
14 GA. STAINLESS STEEL (304) (0.079" MIN. THICKNESS) OR
14 GA. GALVANEALD STEEL (0.075" MIN. THICKNESS)
OPEN AREA: 51%



SUBFRAME DETAIL



SCREEN INFILL ATTACHMENT DETAIL

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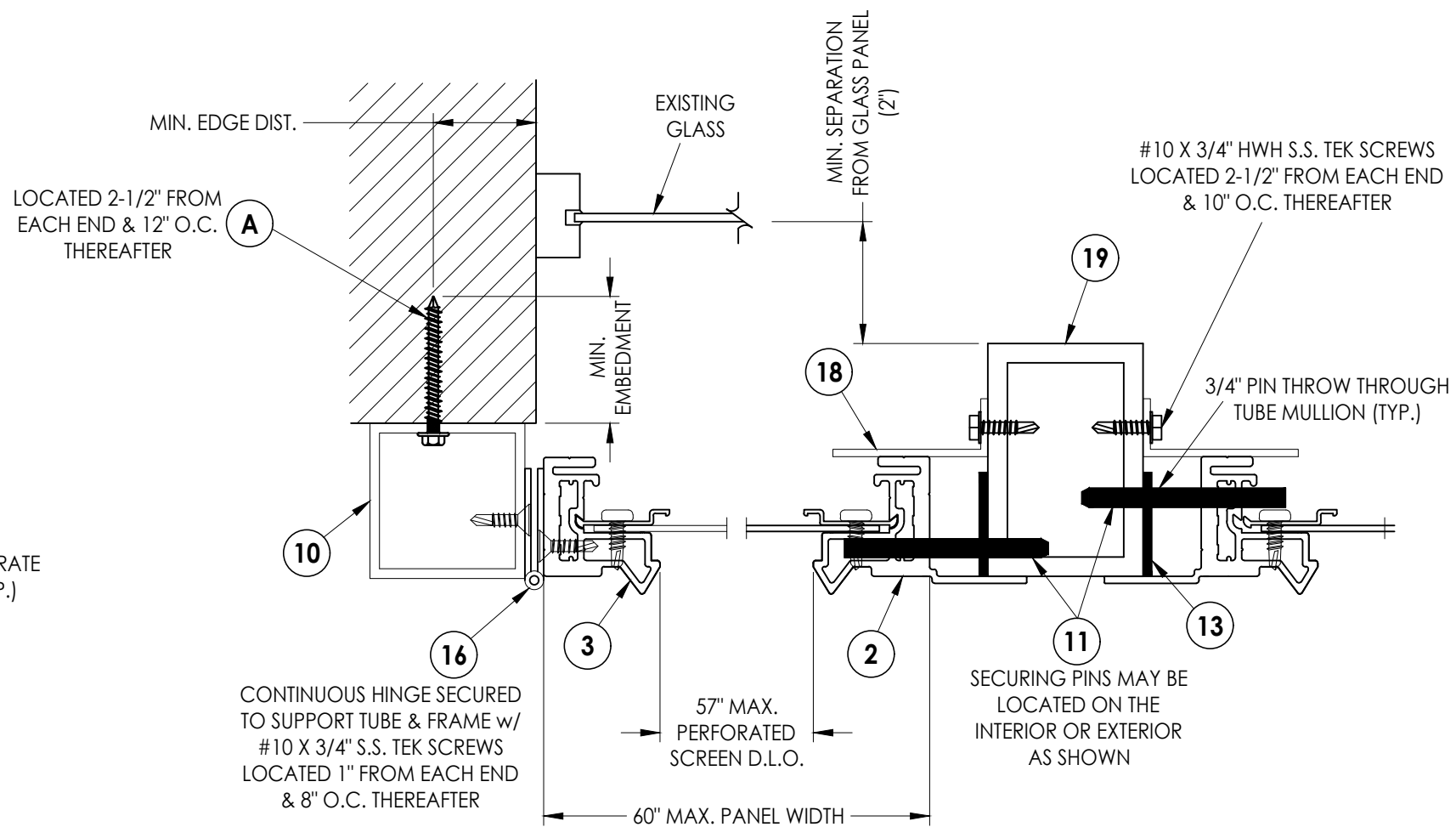
PRODUCT:	
HURRICANE SCREEN	
PART OR ASSEMBLY:	
ELEVATION & SCREEN DETAILS	

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

DATE:	4/20/23
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-42098.4
SHEET	2 OF 8

MIN. ED

LOCATED 2-1/2" FROM
EACH END & 12" O.C.
THEREAFTER



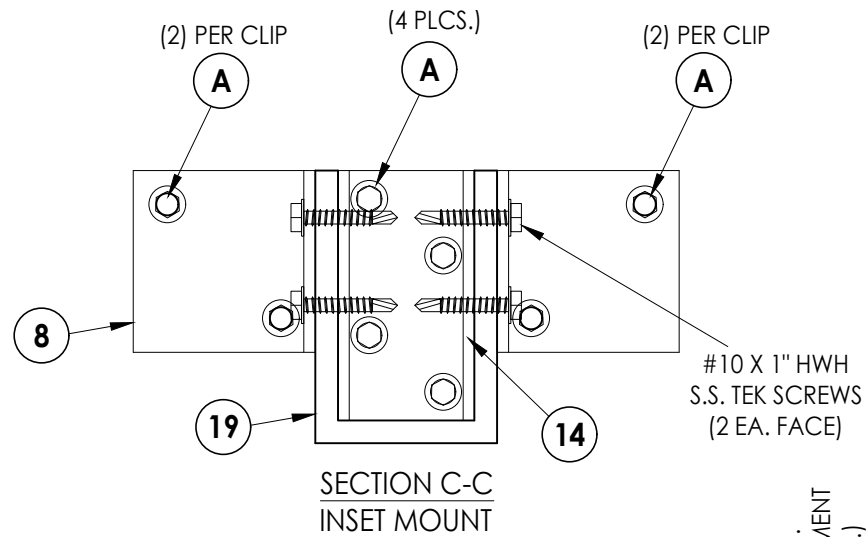
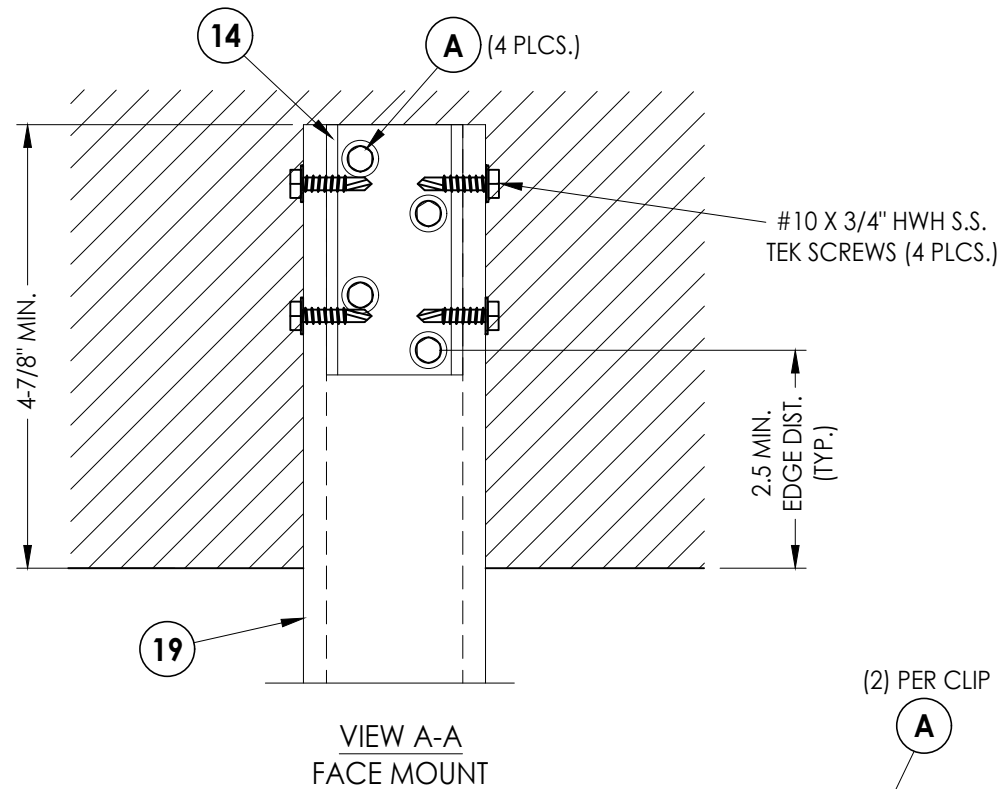
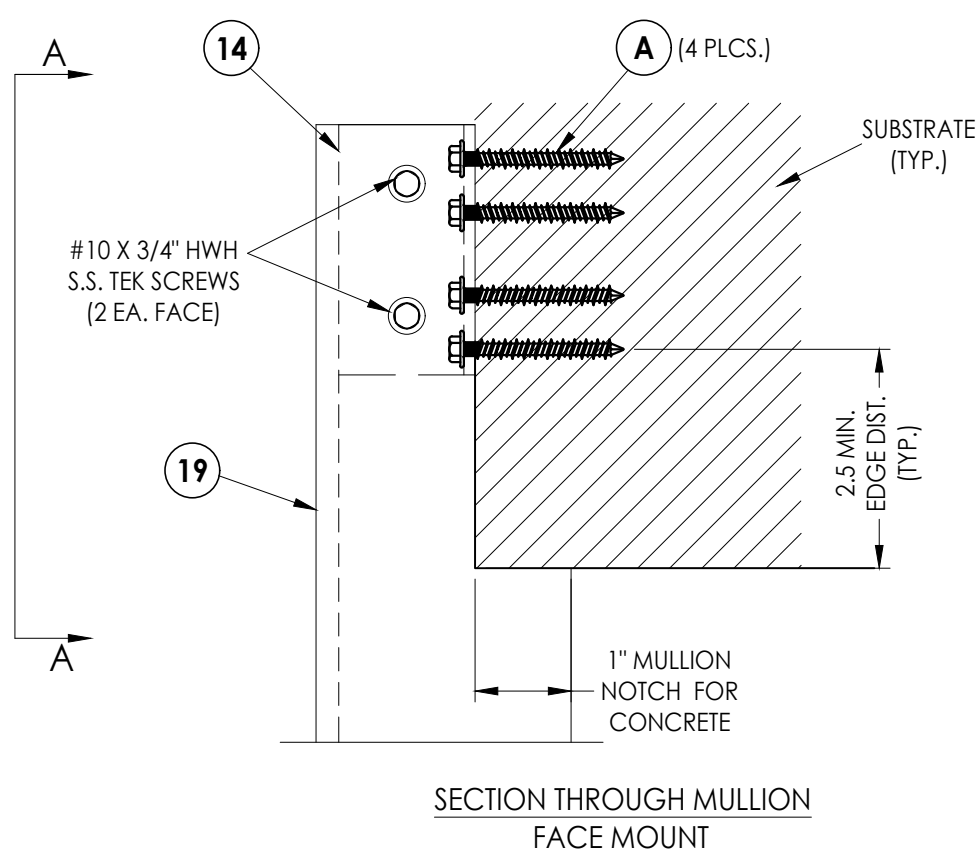
2 **HORIZONTAL CROSS SECTION**
4 FACE MOUNT

[illegible]

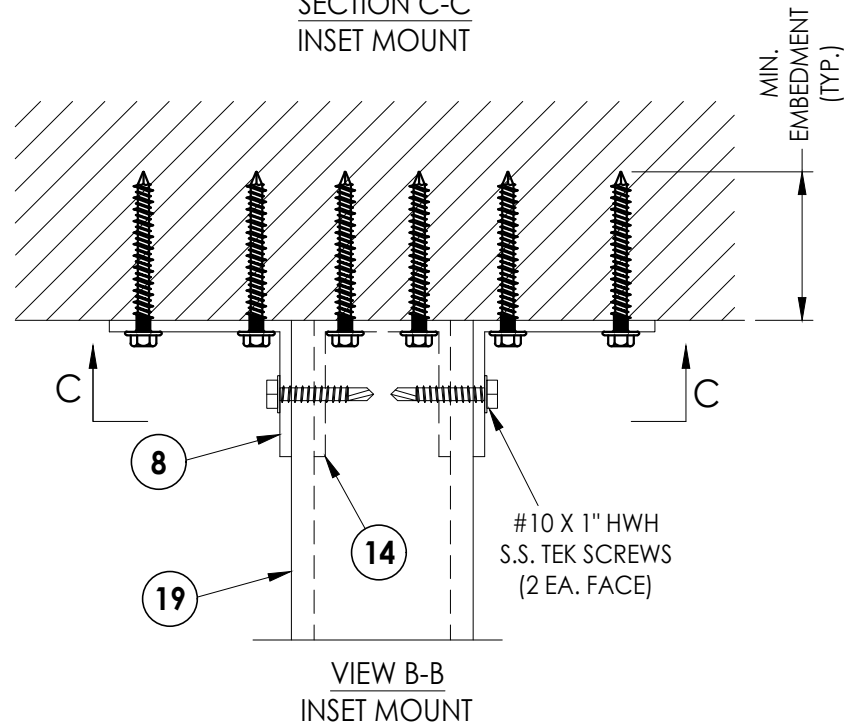
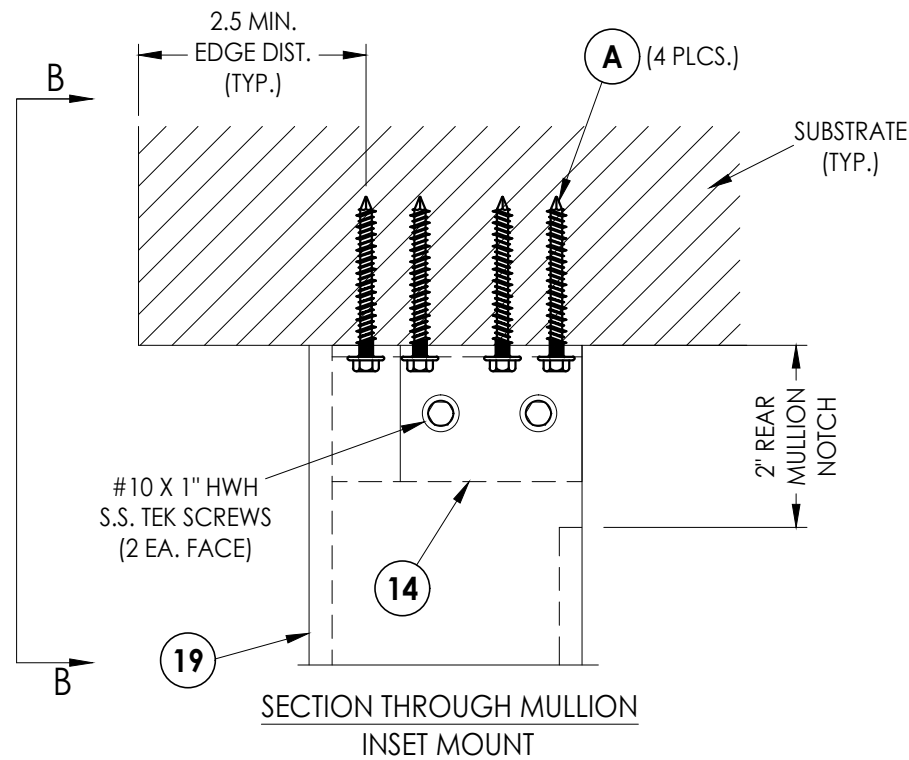
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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NOTE: ANCHORS INTO CONCRETE ARE SHOWN AS TESTED.

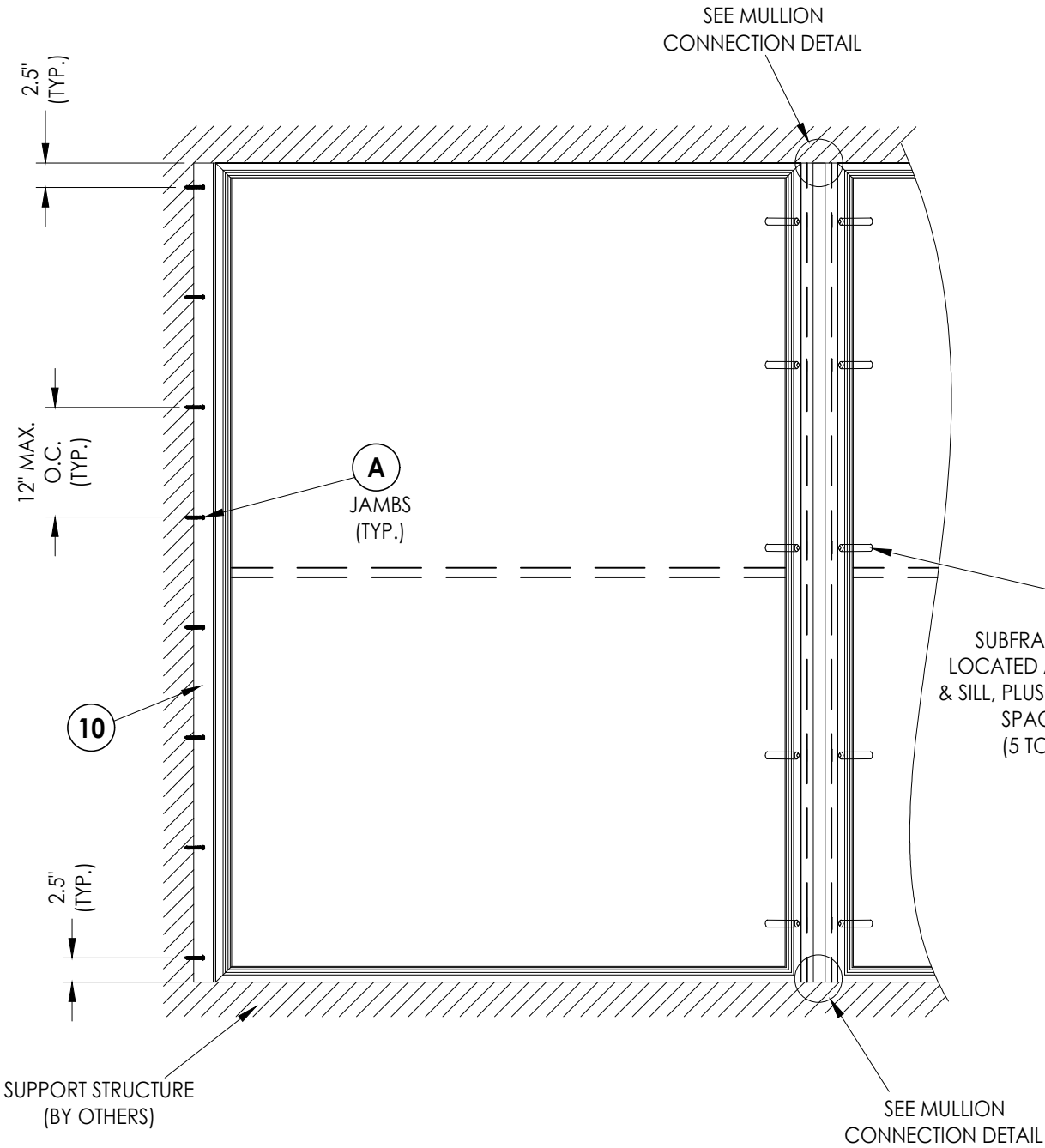


Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:		PART OR ASSEMBLY:	
HURRICANE SCREEN		HORIZONTAL & VERTICAL CROSS SECTIONS (FACE MOUNT)	
NO.	DATE	BY	REVISIONS
1	10/9/23	LFS	UPDATE TO 8TH ED. (2023) FBC
DATE: 4/20/23			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-42098.4			
SHEET 5 OF 8			

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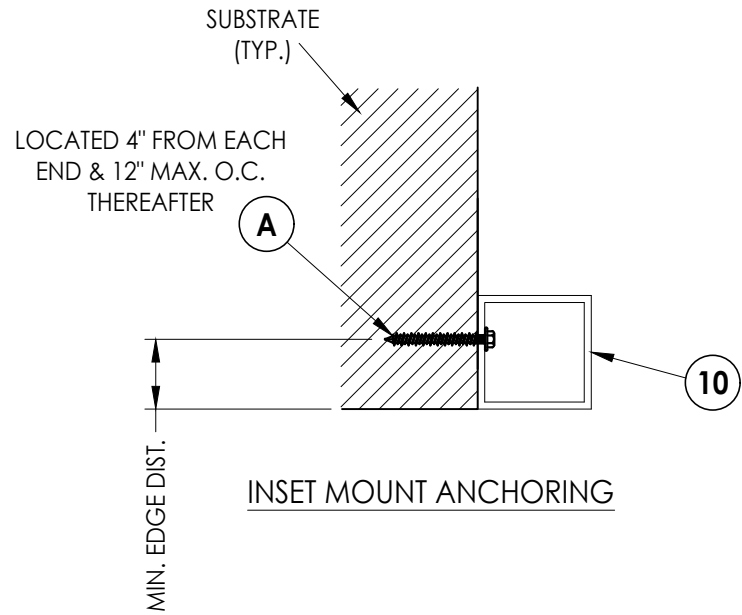


INSET MOUNT FRAME ANCHORING

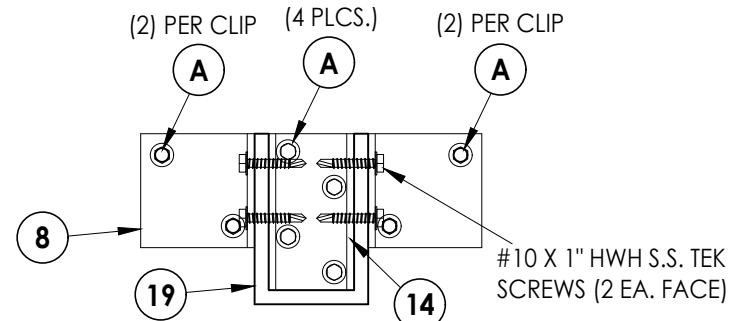
A ANCHOR SCHEDULE

SUBSTRATE	ANCHOR	EMBEDMENT	EDGE DISTANCE	CENTER-TO-CENTER SPACING
CONCRETE	1/4" Ø HWH DeWALT ULTRA-CON® 	1-3/4" MIN.	1-1/4" MIN.	AS TESTED*

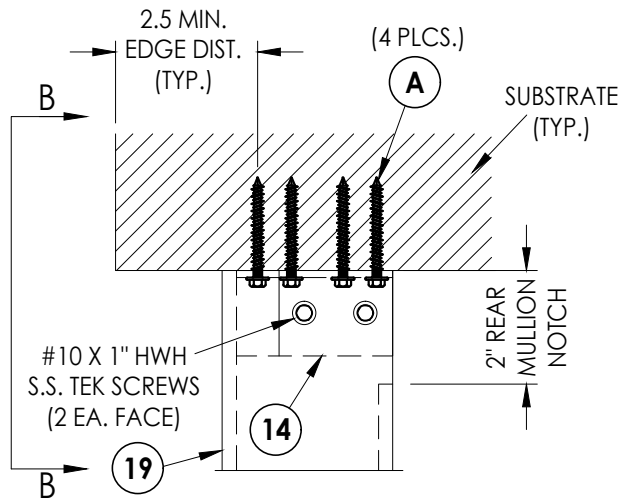
CONCRETE CONFORMING TO ACI 301 (3,000 PSI MIN.) OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90
* CONCRETE ANCHORS THROUGH THE MULLION CLIPS ARE SHOWN AS TESTED. SEE GENERAL NOTES 5 & 6 (SHEET 1).



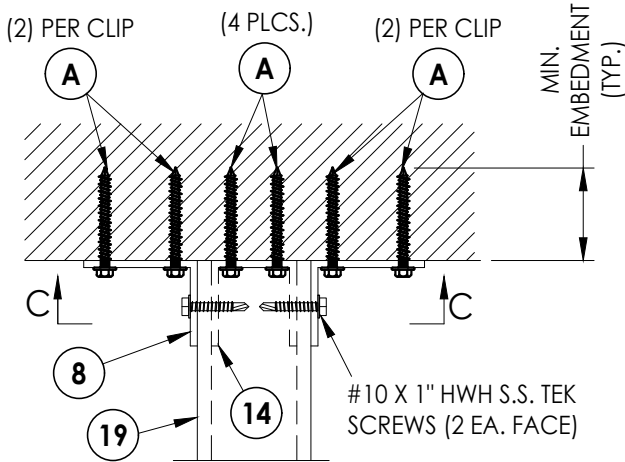
INSET MOUNT ANCHORING



SECTION C-C
INSET MOUNT



SECTION THROUGH MULLION
INSET MOUNT



VIEW B-B
INSET MOUNT

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

DATE: 4/20/23

SCALE: N.T.S.

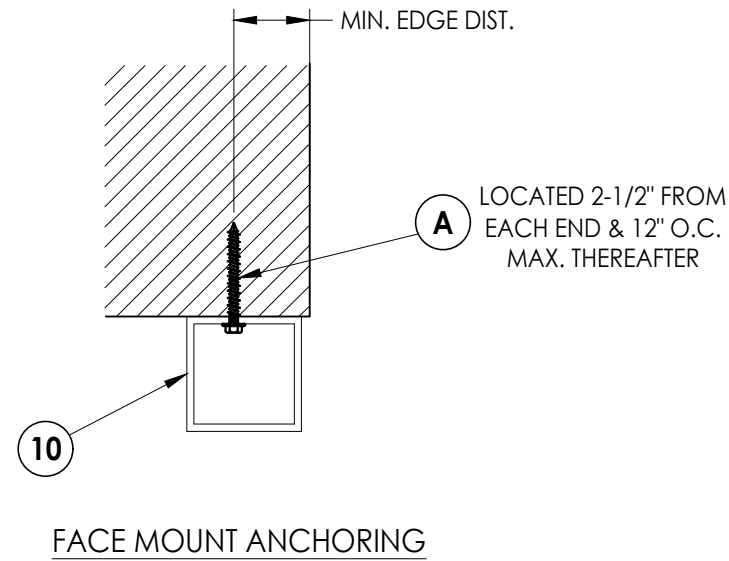
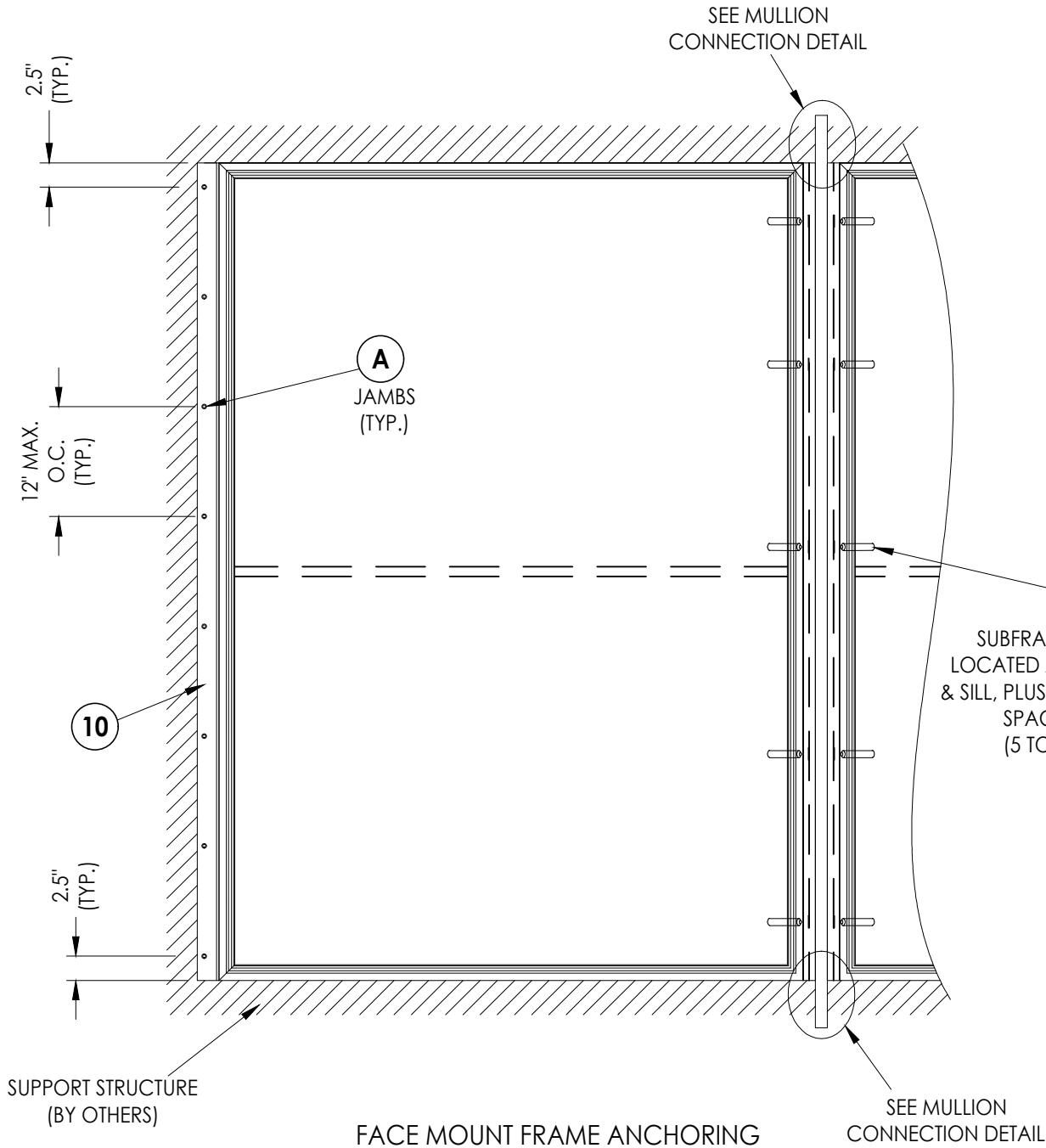
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-42098.4

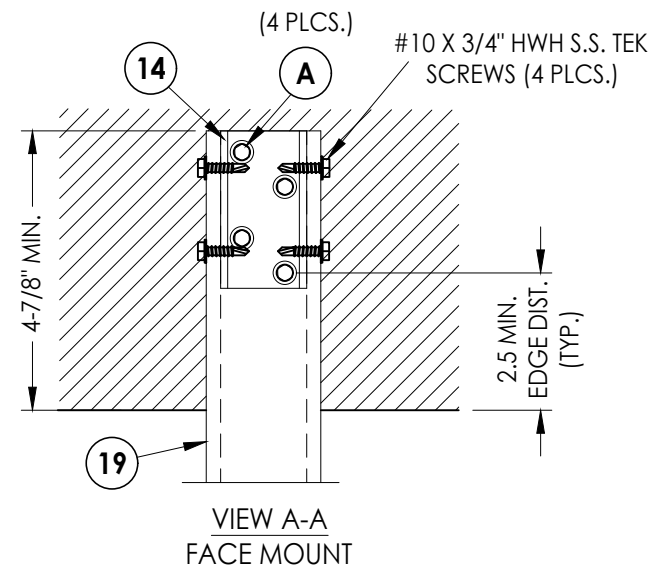
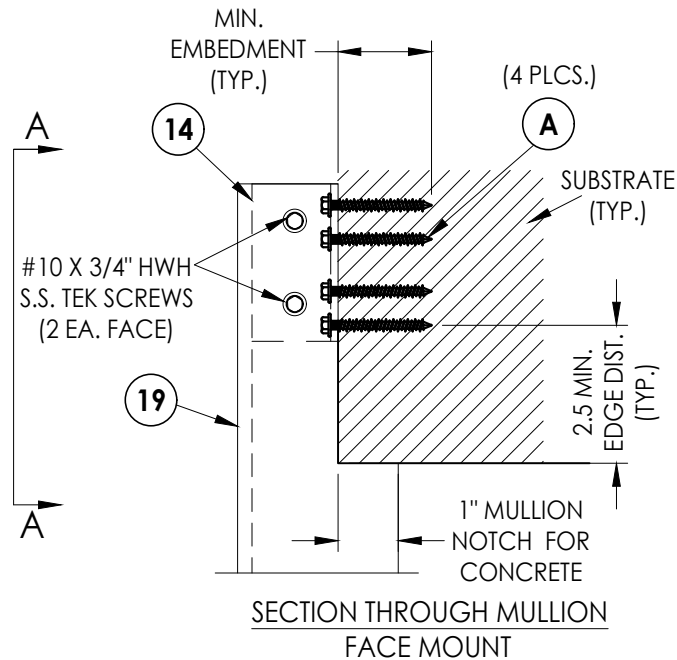
SHEET 6 OF 8

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A ANCHOR SCHEDULE				
SUBSTRATE	ANCHOR	EMBEDMENT	EDGE DISTANCE	CENTER-TO-CENTER SPACING
CONCRETE	1/4" Ø HWH DeWALT ULTRA CON+ 	1-3/4" MIN.	1-1/4" MIN.	AS TESTED*

CONCRETE CONFORMING TO ACI 301 (3,000 PSI MIN.) OR HOLLOW BLOCK (GROUT FILLED) CONFORMING TO ASTM C90
* CONCRETE ANCHORS THROUGH THE MULLION CLIPS ARE SHOWN AS TESTED. SEE GENERAL NOTES 5 & 6 (SHEET 1).



Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
HURRICANE SCREEN

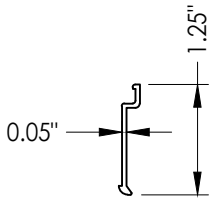
PART OR ASSEMBLY:
FRAME ANCHORING
(FACE MOUNT)

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

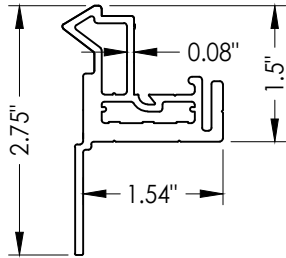
DATE: 4/20/23
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-42098.4
SHEET 7 OF 8

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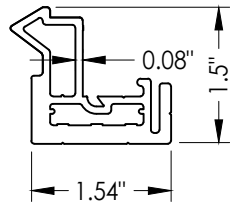
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	ANCHOR (SEE SHEETS 5 & 6 FOR ANCHORING SCHEDULE)	-
1	BARRIER RAIL	6063-T5 ALUM
2	ENHANCED SUBFRAME w/STOP	6063-T5 ALUM
3	ENHANCED SUBFRAME	6063-T5 ALUM
6	4.5" HIDDEN HINGE	STAINLESS STEEL
7	MID-HEIGHT SUPPORT TUBE	6063-T5 ALUM
10	BUILD-OUT TUBE	6063-T5 ALUM
11	SECURING PIN (1/4" Ø X 2-5/8" LONG)	STAINLESS STEEL
13	PIN REINFORCEMENT/LOCATOR	STAINLESS STEEL
14	TUBE MOUNTING CHANNEL	6063-T5 ALUM
15	PERFORATED SCREEN INFILL	STAINLESS STEEL
16	CONTINUOUS HINGE (2.5") FULL HEIGHT	STAINLESS STEEL
19	TUBE MULLION	6063-T5 ALUM
60	#10 X 5/8" PAN SQ. HEAD SELF-DRILLING SMS	STAINLESS STEEL



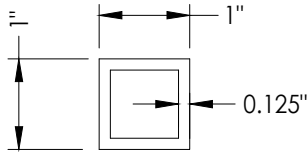
1 BARRIER RAIL



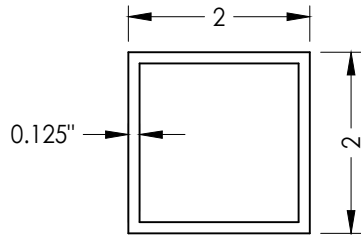
2 ENHANCED SUBFRAME w/ STOP



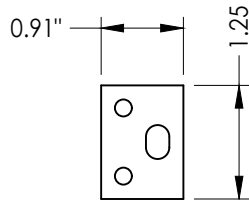
3 ENHANCED SUBFRAME



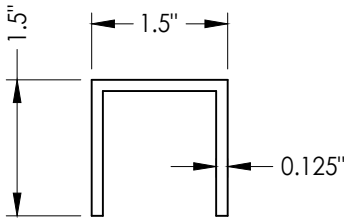
7 MID-HEIGHT SUPPORT TUBE



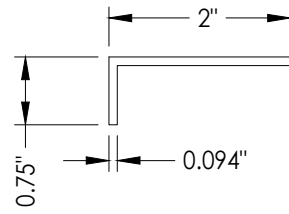
10 BUILD-OUT TUBE



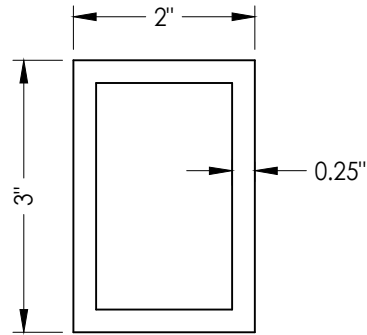
13 PIN REINFORCEMENT/LOCATOR
0.079" THICK



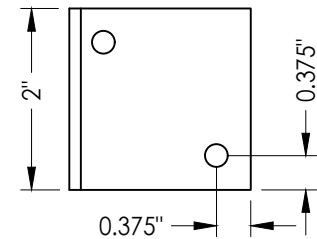
14 TUBE MOUNTING CHANNEL
2-3/4" WIDE



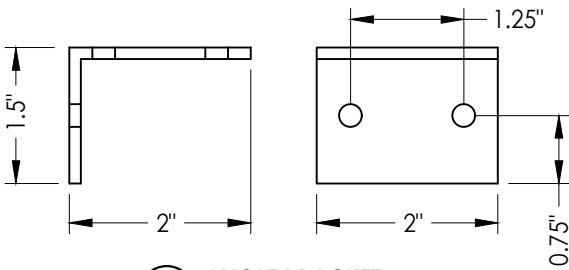
18 STOP ANGLE



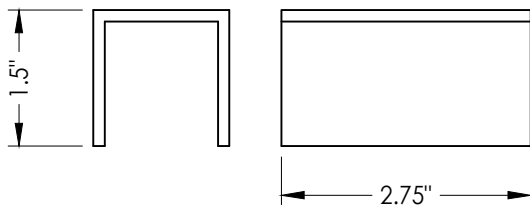
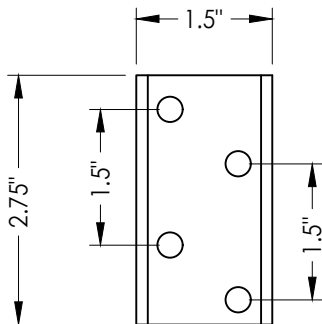
19 TUBE MULLION



8 ANGLE BRACKET
0.125" THICK



14 TUBE MOUNTING CHANNEL
0.125" THICK



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FBPE Registry No. 9813

PRODUCT:

HURRICANE SCREEN

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

DATE: 4/20/23

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-42098.4

SHEET 8 OF 8