

R:\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15417 Windows - Mullions\C - Drawings\FL 15417 (2020) R7\FL-15417.4-6.dwg, FL-15417.6

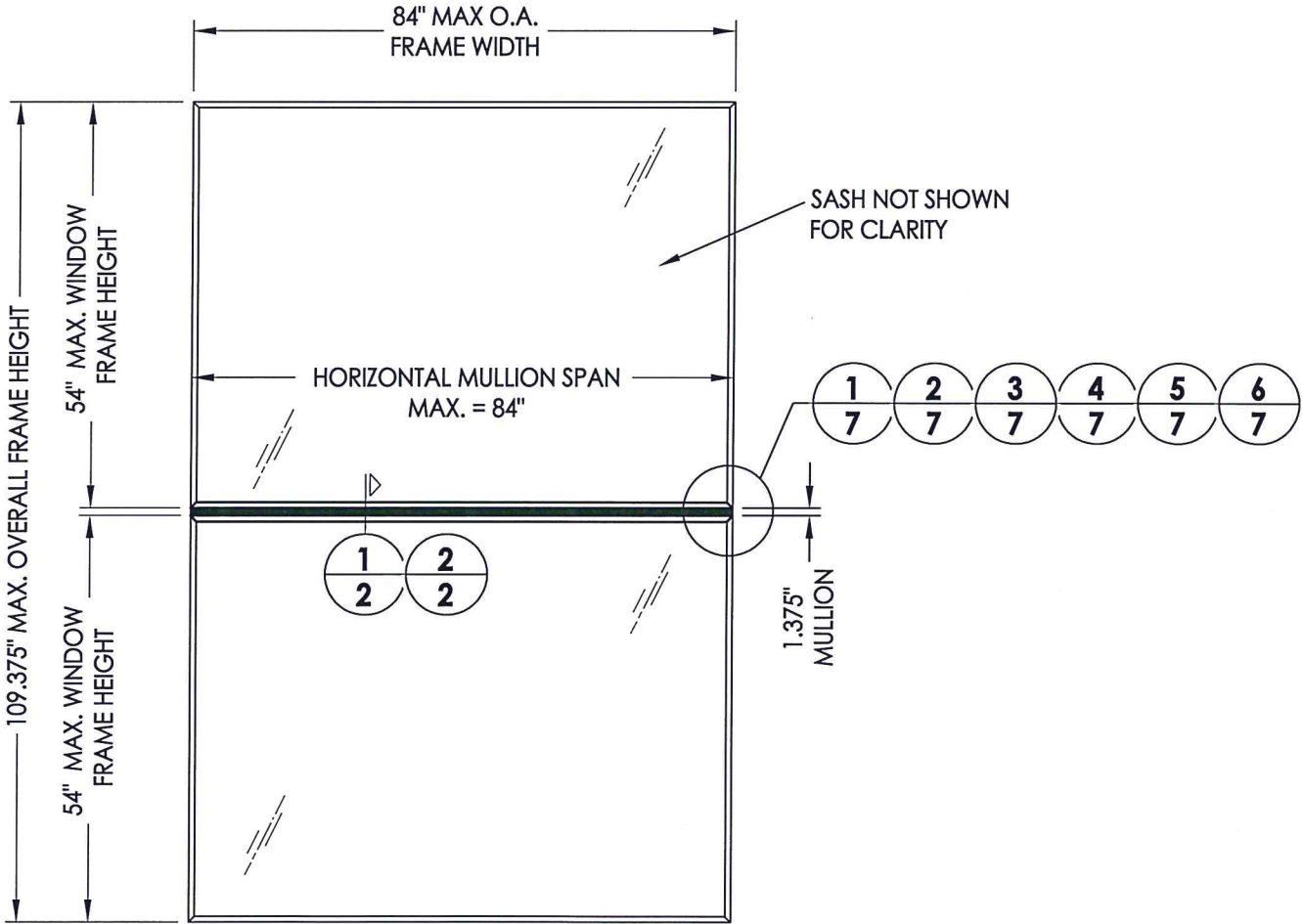
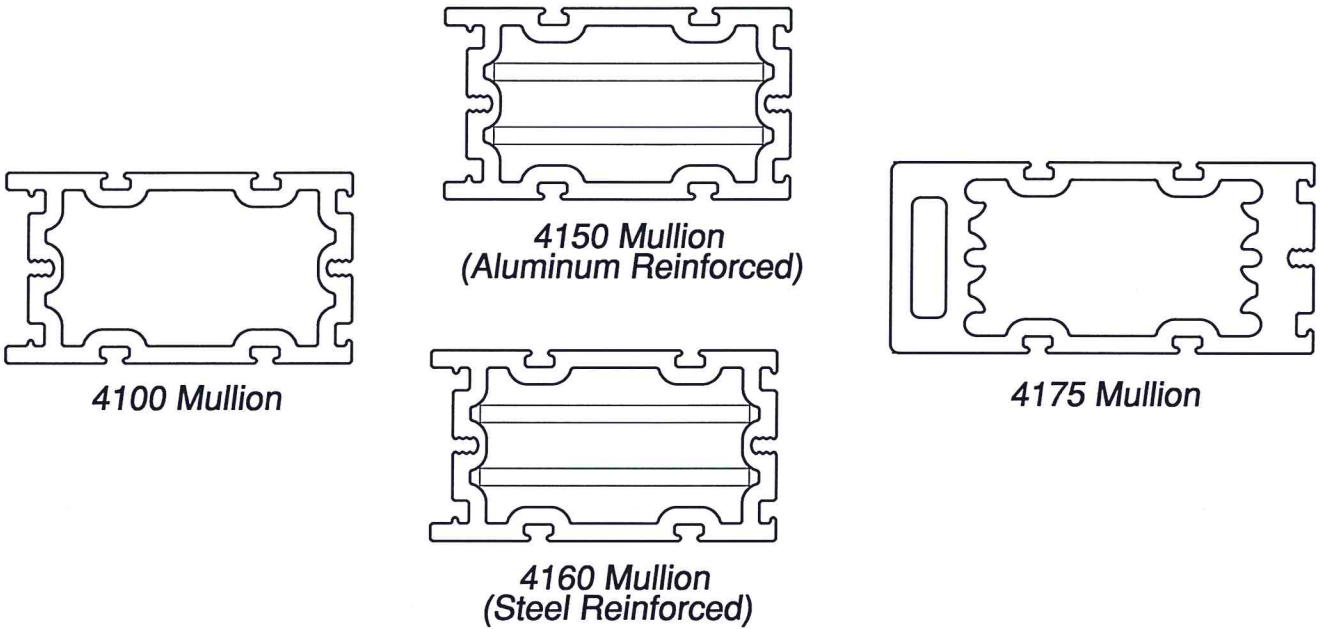


4100 / 4150 / 4160 / 4175 Extruded Aluminum Horizontal Clipped Structural Mullion

GENERAL NOTES

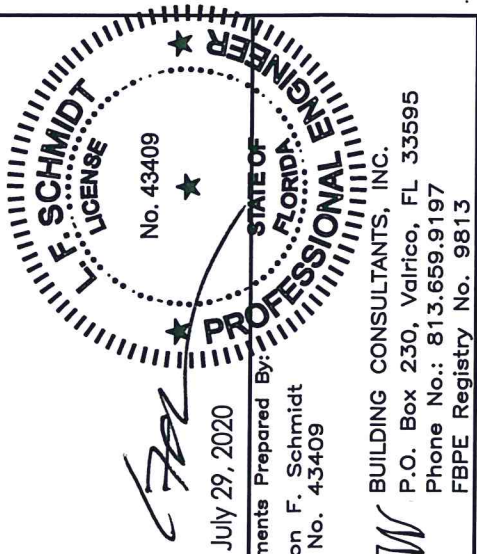
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements, excluding the "High Velocity Hurricane Zone".
2. When used in areas requiring wind borne debris protection, this product (if mulled together with impact rated windows) does not require protection from an impact resistant covering when used in Wind Zones 1, 2 and 3 as defined by ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
3. In Wind Zone 4 as defined by ASTM E 1996, this product must be protected with an impact resistant covering complying with FBC Sections 1609.1.2 & R301.2.1.2.
4. Separate product approvals for each glazing product used with these mullions must be submitted along with this mullion product approval. The design pressure rating of the assembly shall be the lesser of the load capacity of the mullion as specified using this approval or the design pressure rating of the individual glazing products used.
5. Anchoring of each glazing product to the mullion shall be as shown in this drawing or as shown in each individual glazing product approval, whichever is more stringent.
6. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
7. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
8. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.

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1	Typical elevations & general notes
2	Component details & cross sections
3	Design pressure tables (concrete installation)
4	Design pressure tables (concrete installation)
5	Design pressure tables (wood installation)
6	Design pressure tables (wood installation)
7	Anchor bracket details
8	Buck anchoring



MULLED WINDOW UNITS (Twin unit shown, multiples also allowed)

See Sheets 3, 4, 5 & 6 for Design Pressure Ratings



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:		CLIPPED MULLION	
PART OR ASSEMBLY:		TYPICAL ELEVATIONS & GENERAL NOTES	
NO.	DATE	REVISIONS	BY
4	7/29/20	UPDATE TO 7TH ED (2020) FBC	LFS
3	9/26/17	UPDATE TO 6TH ED. (2017) FBC	JK
2	12/07/15	REVISED 4175 MULLION	LFS
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

DATE: 1/7/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15417.6

SHEET 1 OF 8

used.

Snap-on vinyl mull cover

3 4
Reinforcement bars (as required)

1

- Shown with Doers Series 4000 single hung frame under separate approval. Other Doers approved frames may be used.

Shown with Doers Series 4000 single hung frame under separate approval. Other Doers approved frames may be used.

#8 X 1" PH Self-Drilling SMS (See notes below):
Use the frame anchor spacing as shown on the individual window product approval (The min. required screw spacing is: 3" from each end and 24" max. o.c. throughout).

- Snap-on vinyl mull cover

1 HORIZONTAL CROSS SECTION

Shown with 4100 / 4150 / 4160 Mullions

2 HORIZONTAL CROSS SECTION

Shown with 4175 Mullion

Diagram of a rectangular duct cross-section with the following dimensions:

- Total height: 2.49"
- Wall thickness: 0.16"
- Internal height: 0.41"
- Internal width: 0.125"
- Total width: 1.375"

1 **MULLION (4100/4150)**
6063-T6 ALUM

Technical drawing of a rectangular component with the following dimensions:

- Overall height: 3.05"
- Top width: 0.87"
- Top right corner width: 0.57"
- Inner width: 0.25"
- Inner width: 0.125"
- Bottom left corner width: 0.41"
- Bottom width: 1.375"

2 **MULLION (4175)**
6063-T6 ALUM

4 MULLION REINFORCEMENT
ASTM A36 STEEL BAR

3 MULLION REINFORCEMENT
6063-T6 ALUM BAR

5 **MULLION ANCHOR BRACKET (3419)**
6063-T6 ALUM

Technical drawing of a rectangular plate with four oval holes. The drawing shows two views: a top view and a side view.

Top View:

- Overall height: 1.957"
- Overall width: 3.875"
- Distance between the center of the left holes: 1.3"
- Distance between the center of the right holes: 1.89"

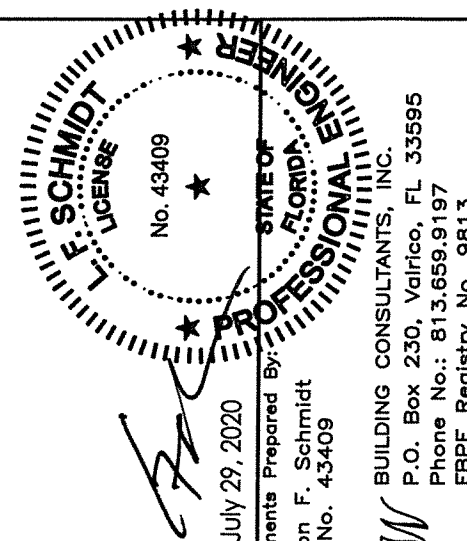
Side View:

- Overall height: 1.966"
- Thickness of the plate: 0.125"

6 MULLION ANCHOR BRACKET (3418)
6063-T6 ALUM

Notes:

1. Refer to individual window product approval for fabrication and installation requirements, including glazing details, frame reinforcement and anchoring specifications.
2. Sheet metal screws (self-drilling) shall have a minimum of 3 threads protrude completely through the mullion frame. Maintain a min. 1/2" edge distance.



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

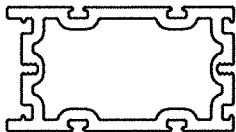
CG CONSULTANTS, INC.

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

PRODUCT: CLIPPED MULLION

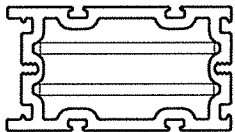
FOR ASSEMBLY:
COMPONENT DETAILS &
CROSS SECTIONS

	4	7/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
	3	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
	2	12/07/15	REVISED 4175	MULLION	LFS	
	1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
	NO.	DATE				
						REVISIONS
DATE: 1/7/13						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-15417.6						
SHEET 2 OF 8						



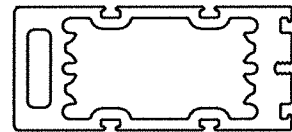
4100 MULLION

4100 MULLION		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	34	27	23	20			
	80"	40	31	27	24	22	21	20
	76"	46	37	32	28	26	25	24
	72"	53	44	38	34	31	30	29
	69"	56	46	41	38	35	34	34
	66"	59	49	44	40	38	37	36
	63"	63	52	47	43	41	40	39
	60"	67	56	50	46	44	43	43
	54"	77	65	59	55	53	53	53
	48"	80	77	71	68	67	67	67



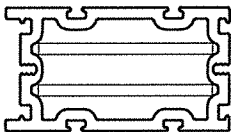
4150 MULLION
(ALUMINUM REINFORCED)

4150 MULLION (ALUMINUM REINFORCED)		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	41	32	28	24	22	21	20
	80"	47	38	32	29	26	25	24
	76"	50	41	36	33	30	30	29
	72"	53	44	39	35	33	32	31
	69"	56	46	41	38	35	34	34
	66"	59	49	44	40	38	37	36
	63"	63	52	47	43	41	40	39
	60"	67	56	50	46	44	43	43
	54"	77	65	59	55	53	53	53
	48"	80	77	71	68	67	67	67



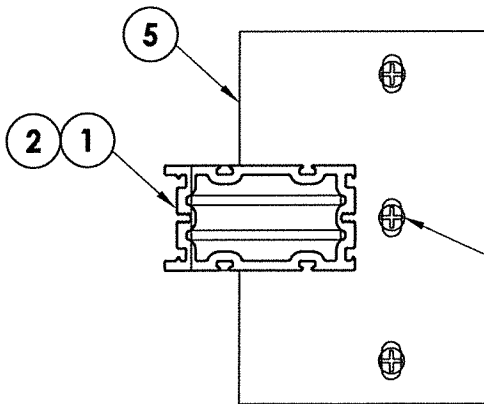
4175 MULLION

4175 MULLION		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	45	36	32	28	26	25	25
	80"	47	38	34	30	28	27	26
	76"	50	41	36	33	30	30	29
	72"	53	44	39	35	33	32	31
	69"	56	46	41	38	35	34	34
	66"	59	49	44	40	38	37	36
	63"	63	52	47	43	41	40	39
	60"	67	56	50	46	44	43	43
	54"	77	65	59	55	53	53	53
	48"	80	77	71	68	67	67	67



4160 MULLION
(STEEL REINFORCED)

4160 MULLION (STEEL REINFORCED)		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	45	36	32	28	26	25	25
	80"	47	38	34	30	28	27	26
	76"	50	41	36	33	30	30	29
	72"	53	44	39	35	33	32	31
	69"	56	46	41	38	35	34	34
	66"	59	49	44	40	38	37	36
	63"	63	52	47	43	41	40	39
	60"	67	56	50	46	44	43	43
	54"	77	65	59	55	53	53	53
	48"	80	77	71	68	67	67	67

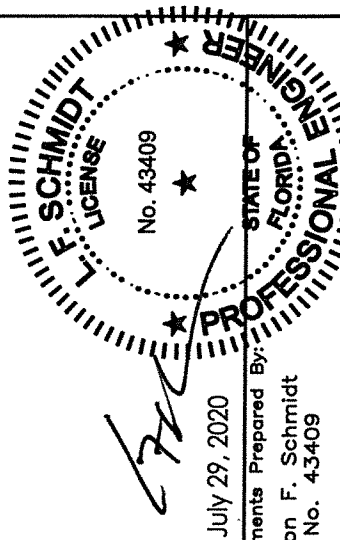


(3) Concrete Anchors required

BRACKET (3419) TO MULLION DETAILS
Concrete Anchor Installation

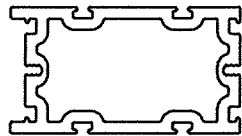
Notes:

- Design pressure tables are applicable only for the anchor bracket and anchors specified on this sheet. Refer to Sheet 7 for cross section details.
-  Design Pressure is not available for this mullion length and frame height.

		Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
		July 29, 2020					
PRODUCT:		CLIPPED MULLION		PART OR ASSEMBLY:		DESIGN PRESSURE TABLES (CONCRETE INSTALLATION)	
DATE:		1/7/13		SCALE:		N.T.S.	
DWG. BY:		JK		CHK. BY:		LFS	
DRAWING NO.:		FL-15417.6		SHEET		3 OF 8	
REVISIONS		NO.		DATE		BY	
4		7/29/20		UPDATE TO 7TH ED (2020) FBC		LFS	
3		9/26/17		UPDATE TO 6TH ED. (2017) FBC		JK	
2		12/07/15		REVISED 4175 MULLION		LFS	
1		04/22/15		UPDATE TO 5TH ED. (2014) FBC		JK	

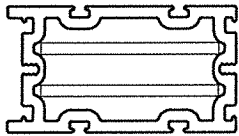
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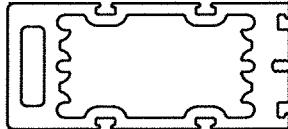
4100 MULLION

4100 MULLION		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	34	27	23	20			
	80"	40	31	27	24	22	21	20
	76"	46	37	32	28	26	25	24
	72"	55	44	38	34	31	30	29
	69"	63	50	43	39	36	35	34
	66"	72	58	50	45	42	41	40
	63"	80	67	59	53	50	48	47
	60"	80	78	69	63	59	58	57
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80



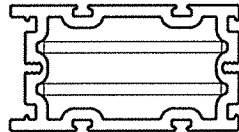
4150 MULLION
(ALUMINUM REINFORCED)

4150 MULLION (ALUMINUM REINFORCED)		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	41	32	28	24	22	21	20
	80"	48	38	32	29	26	25	24
	76"	56	44	38	34	31	30	29
	72"	66	53	45	41	37	36	35
	69"	75	60	52	47	43	42	41
	66"	80	69	60	54	50	49	48
	63"	80	80	71	64	60	58	57
	60"	80	80	80	73	70	69	68
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80



4175 MULLION

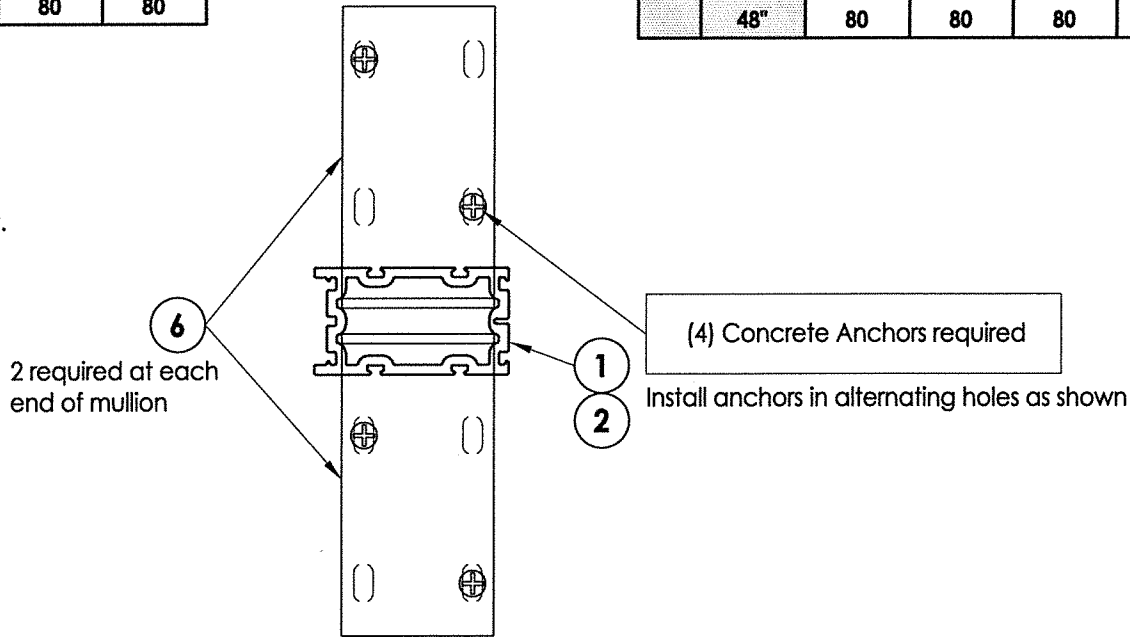
4175 MULLION		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	71	58	51	46	42	41	40
	80"	76	62	54	49	45	44	43
	76"	80	66	58	53	49	47	46
	72"	80	71	62	57	53	52	50
	69"	80	74	66	60	57	55	54
	66"	80	79	70	65	61	59	58
	63"	80	80	75	69	65	64	63
	60"	80	80	80	75	71	70	69
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80



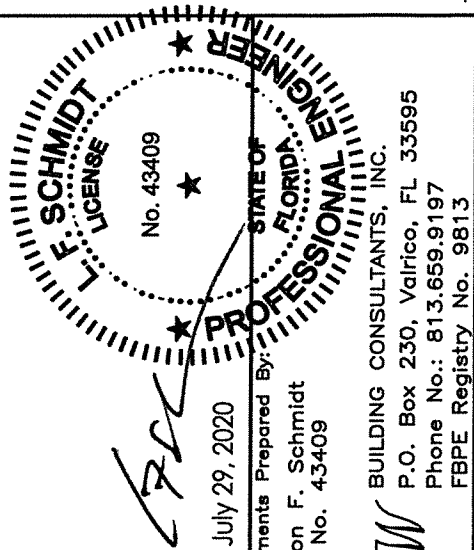
4160 MULLION
(STEEL REINFORCED)

4160 MULLION (STEEL REINFORCED)		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	55	43	37	33	30	28	27
	80"	64	50	43	38	35	34	32
	76"	74	59	51	45	41	40	39
	72"	80	65	61	54	50	48	47
	69"	80	74	65	60	57	55	54
	66"	80	79	70	65	61	59	58
	63"	80	80	75	69	65	64	63
	60"	80	80	80	75	71	70	69
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80

- Notes:
- Design pressure tables are applicable only for the anchor bracket and anchors specified on this sheet. Refer to Sheet 7 for cross section details.
 -  Design Pressure is not available for this mullion length and frame height.



BRACKET (3418) TO MULLION DETAILS
Concrete Anchor Installation



July 29, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
CLIPPED MULLION

PART OR ASSEMBLY:
DESIGN PRESSURE TABLES
(CONCRETE INSTALLATION)

NO.	DATE	REVISIONS
4	7/29/20	UPDATE TO 7TH ED. (2020) FBC
3	9/26/17	UPDATE TO 6TH ED. (2017) FBC
2	12/07/15	REVISED 4175 MULLION
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 1/7/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15417.6

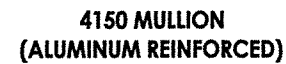
SHEET 4 OF 8



4100 MULLION		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	34	27	23	20			
	80"	40	31	27	24	22	21	20
	76"	46	37	32	28	26	25	24
	72"	55	44	38	34	31	30	29
	69"	63	50	43	39	36	35	34
	66"	72	58	50	45	42	41	40
	63"	80	67	59	53	50	48	47
	60"	80	78	69	63	59	58	57
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80



4175 MULLION		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	71	58	51	46	42	41	40
	80"	76	62	54	49	45	44	43
	76"	80	66	58	53	49	47	46
	72"	80	71	62	57	53	52	50
	69"	80	74	66	60	57	55	54
	66"	80	79	70	65	61	59	58
	63"	80	80	75	69	65	64	63
	60"	80	80	80	75	71	70	69
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80



4150 MULLION (ALUMINUM REINFORCED)		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375
MAX. MULLION SPAN	84"	41	32	28	24	22	21	20
	80"	48	38	32	29	26	25	24
	76"	56	44	38	34	31	30	29
	72"	66	53	45	41	37	36	35
	69"	75	60	52	47	43	42	41
	66"	80	69	60	54	50	49	48
	63"	80	80	71	64	60	58	57
	60"	80	80	80	73	70	69	68
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80

4160 MILLION (STEEL REINFORCED)		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MILLION SPAN	84"	55	43	37	33	30	28	27
	80"	64	50	43	38	35	34	32
	76"	74	59	51	45	41	40	39
	72"	80	65	61	54	50	48	47
	69"	80	74	65	60	57	55	54
	66"	80	79	70	65	61	59	58
	63"	80	80	75	69	65	64	63
	60"	80	80	80	75	71	70	69
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80

1. Design pressure tables are applicable only for the anchor bracket and anchors specified on this sheet. Refer to Sheet 7 for cross section details.

2.  Design Pressure is not available for this mullion length and frame height.

(4) Wood Screws required

Install anchors in alternating holes as shown

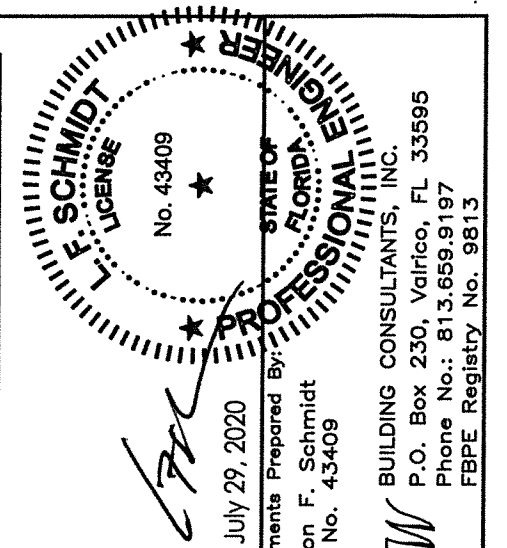
2 required at each
end of mullion

(3) Wood Screws required

BRACKET (3418) TO MULLION DETAILS Wood Anchor Installation

BRACKET (3419) TO MULLION DETAILS

Wood Anchor Installation



July 29, 2020

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: CLIPPED MULLION

FOR OR ASSEMBLY:
DESIGN PRESSURE TABLES
(WOOD INSTALLATION)

[illegible]

DATE: 1/7/13

SCALE: N.T.S.

DWG. BY: JK

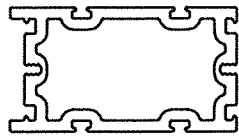
CHK. BY: LFS

DRAWING NO.:

FL-15417.6

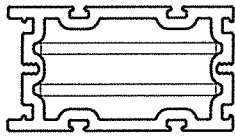
SHEET 5 OF 8

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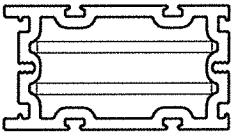
4100 MULLION

4100 MULLION		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	34	27	23	20			
	80"	40	31	27	24	22	21	20
	76"	46	37	32	28	26	25	24
	72"	55	44	38	34	31	30	29
	69"	63	50	43	39	36	35	34
	66"	72	58	50	45	42	41	40
	63"	80	67	59	53	50	48	47
	60"	80	78	69	63	59	58	57
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80



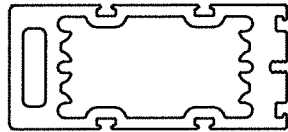
4150 MULLION
(ALUMINUM REINFORCED)

4150 MULLION (ALUMINUM REINFORCED)		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	41	32	28	24	22	21	20
	80"	48	38	32	29	26	25	24
	76"	56	44	38	34	31	30	29
	72"	66	53	45	41	37	36	35
	69"	75	60	52	47	43	42	41
	66"	80	69	60	54	50	49	48
	63"	80	80	71	64	60	58	57
	60"	80	80	80	73	70	69	68
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80



4160 MULLION
(STEEL REINFORCED)

4160 MULLION (STEEL REINFORCED)		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	55	43	37	33	30	28	27
	80"	64	50	43	38	35	34	32
	76"	74	59	51	45	41	40	39
	72"	80	65	61	54	50	48	47
	69"	80	80	65	63	58	56	55
	66"	80	80	80	73	68	66	64
	63"	80	80	80	80	80	78	76
	60"	80	80	80	80	80	80	80
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80

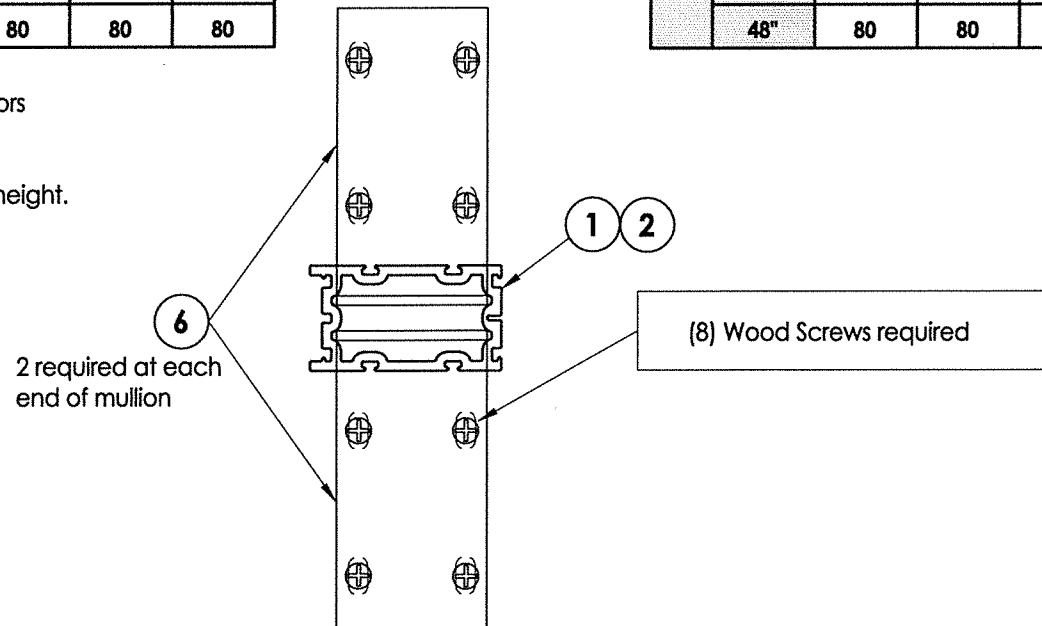


4175 MULLION

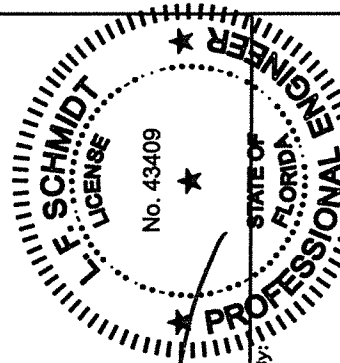
4175 MULLION		DESIGN PRESSURE (PSF)						
		MAX. OVERALL FRAME HEIGHT						
		48"	62"	74"	86"	98"	104"	109.375"
MAX. MULLION SPAN	84"	80	65	56	49	45	43	41
	80"	80	77	65	58	53	51	49
	76"	80	80	77	68	62	60	58
	72"	80	80	80	80	75	72	70
	69"	80	80	80	80	80	80	80
	66"	80	80	80	80	80	80	80
	63"	80	80	80	80	80	80	80
	60"	80	80	80	80	80	80	80
	54"	80	80	80	80	80	80	80
	48"	80	80	80	80	80	80	80

Notes:

- Design pressure tables are applicable only for the anchor bracket and anchors specified on this sheet. Refer to Sheet 7 for cross section details.
-  Design Pressure is not available for this mullion length and frame height.

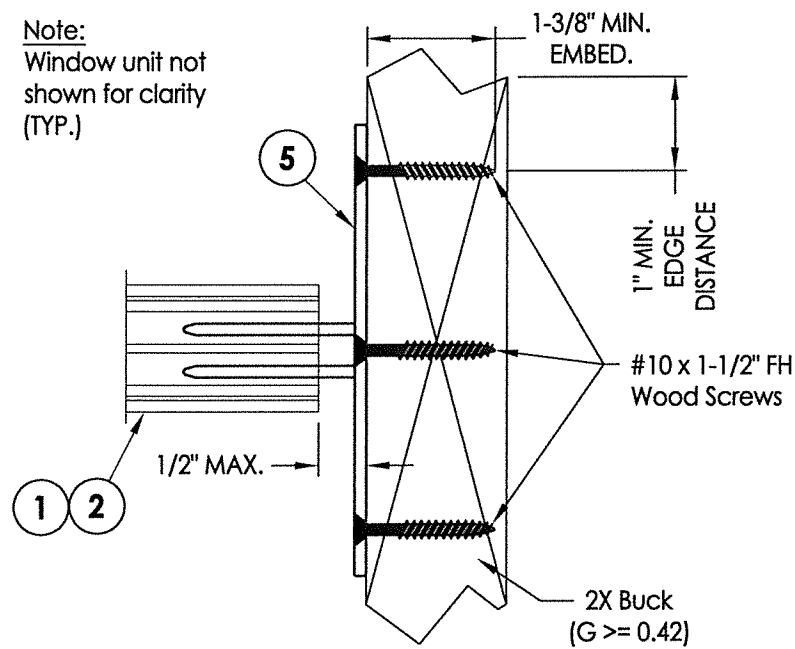


BRACKET (3418) TO MULLION DETAILS
Wood Anchor Installation

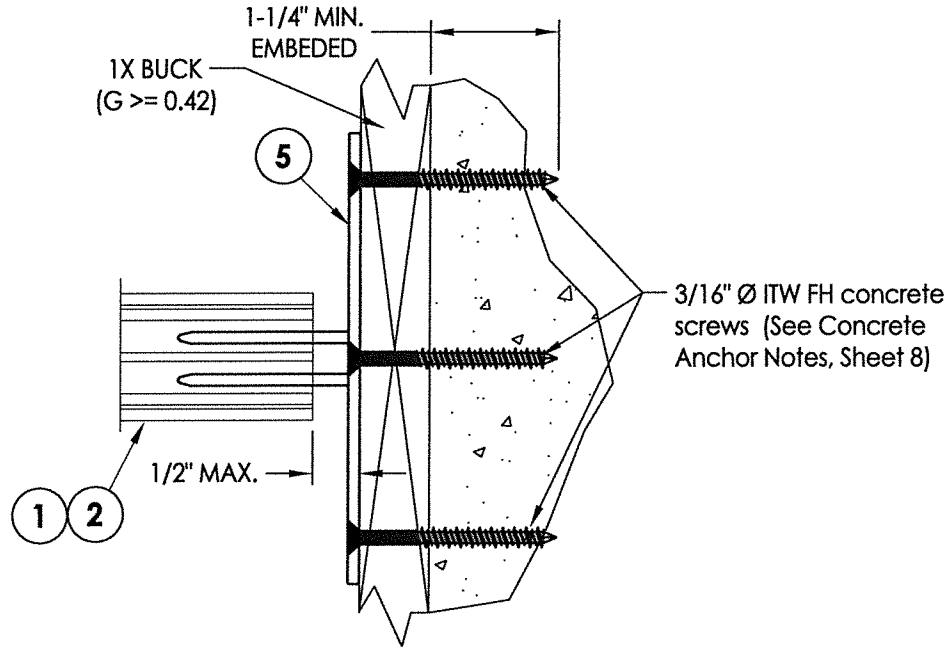
		Documents Prepared By:	
		Lyndon F. Schmidt P.E. No. 43409	
July 29, 2020		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:		CLIPPED MULLION	
PART OR ASSEMBLY:		DESIGN PRESSURE TABLES (WOOD INSTALLATION)	
REVISIONS			
NO.	DATE		
4	7/29/20	UPDATE TO 7TH ED. (2020) FBC	
3	9/26/17	UPDATE TO 6TH ED. (2017) FBC	
2	12/07/15	REVISED 4175 MULLION	
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	
DATE:		1/7/13	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15417.6	
SHEET		6 OF 8	

R:\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15417 Windows - Mullions\C - Drawings\FL 15417 (2020) R7\FL-15417.4-6.dwg, 7-6

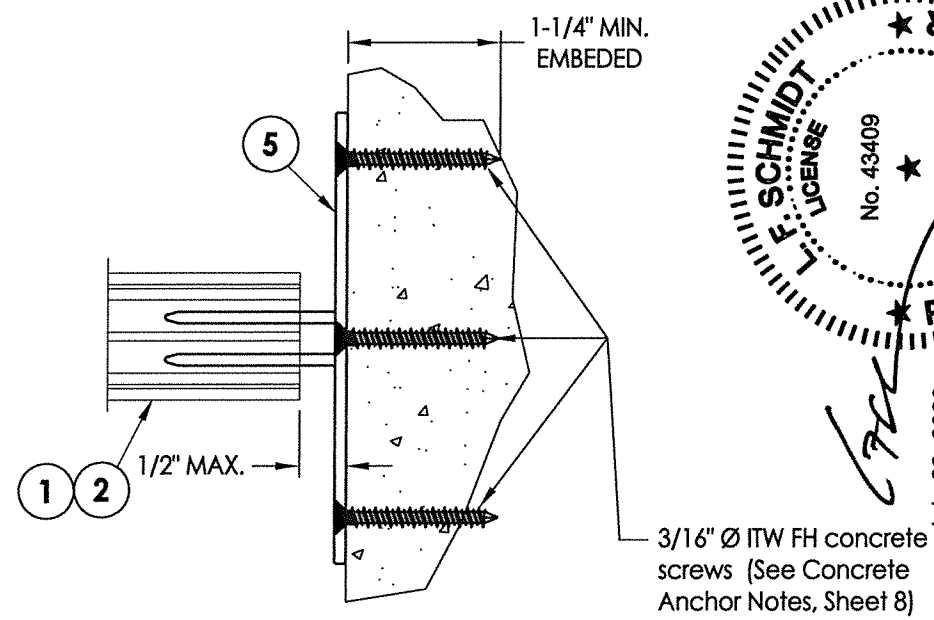
Note:
Window unit not
shown for clarity
(TYP.)



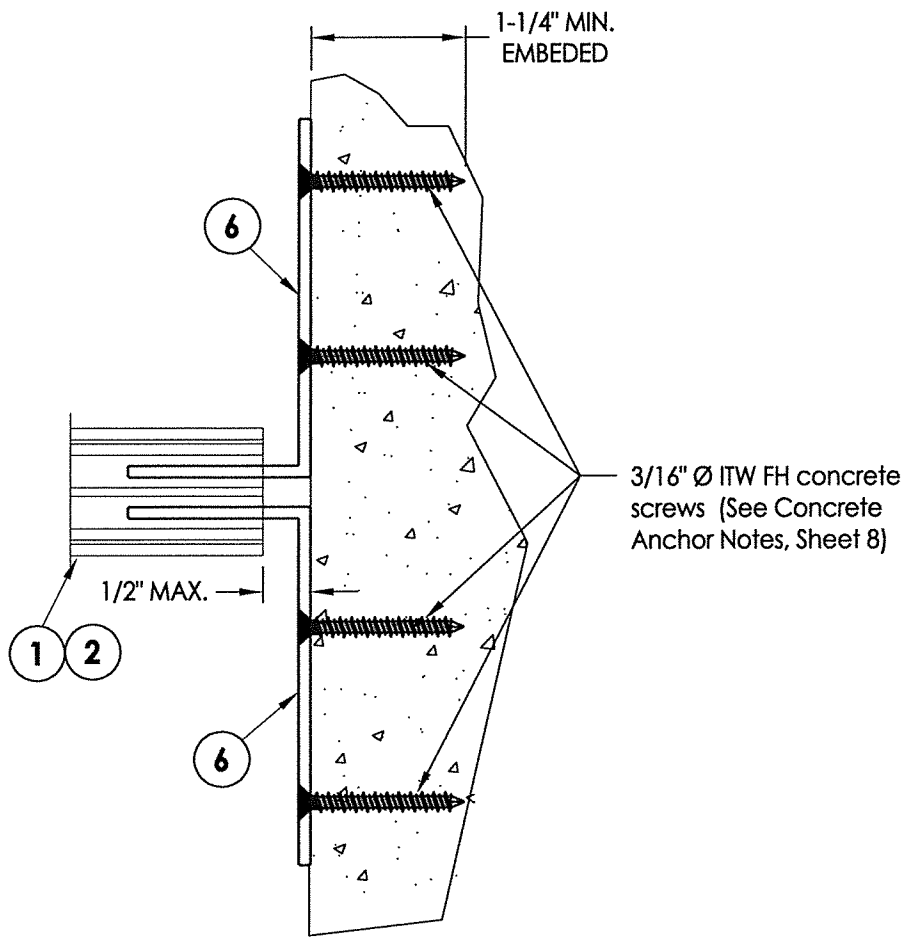
1 WOOD ANCHOR BRACKET DETAIL
7 Anchor to 2x Buck



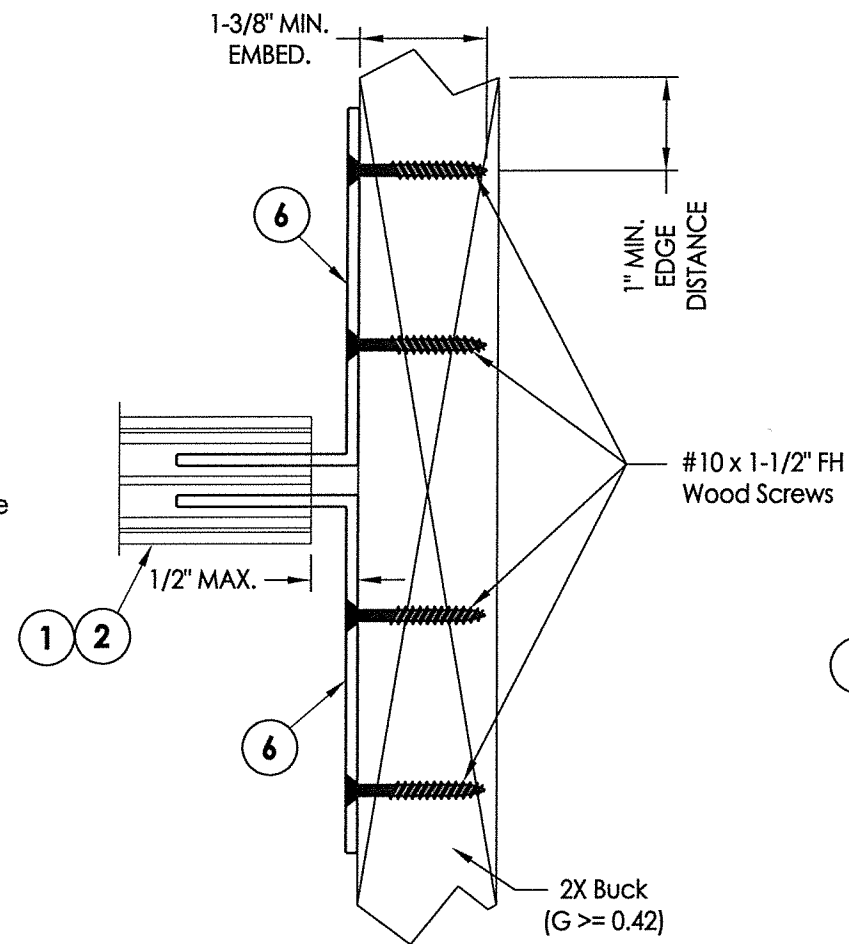
2 CONCRETE ANCHOR BRACKET DETAIL
7 Anchor to Masonry thru 1x Buck



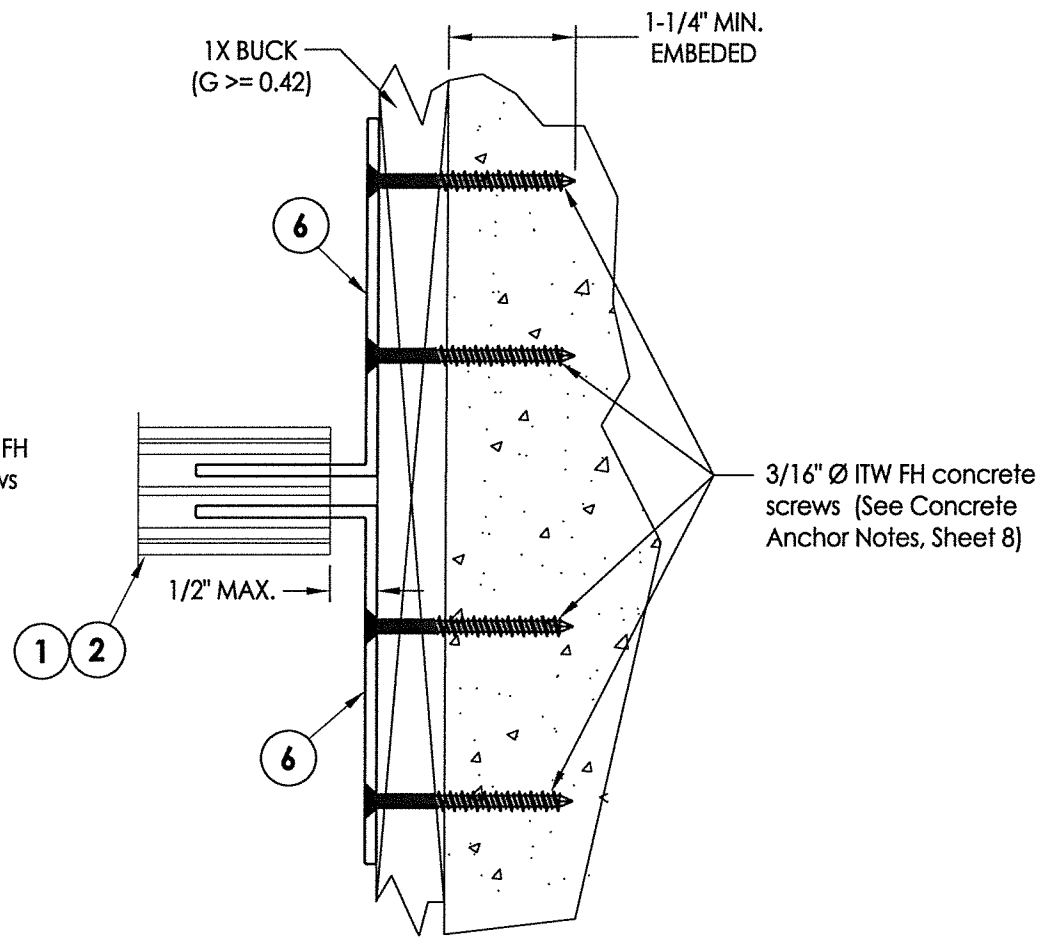
3 CONCRETE ANCHOR BRACKET DETAIL
7 Anchor Direct to Masonry



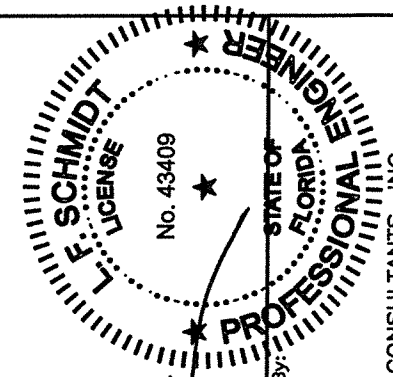
4 CONCRETE ANCHOR BRACKET DETAIL
7 Anchor Direct to Masonry



5 WOOD ANCHOR BRACKET DETAIL
7 Anchor to 2x Buck



6 CONCRETE ANCHOR BRACKET DETAIL
7 Anchor to 2x Buck



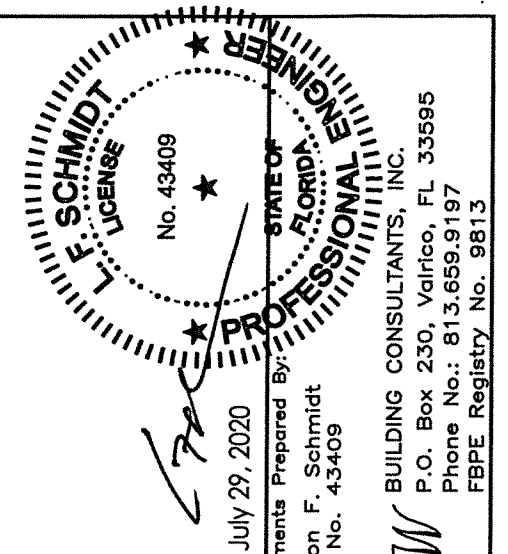
July 29, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		CLIPPED MULLION	
PART OR ASSEMBLY:		ANCHOR BRACKET DETAILS	
NO.	DATE	BY	REVISIONS
4	7/29/20	LFS	UPDATE TO 7TH ED. (2020) FBC
3	9/26/17	JK	UPDATE TO 6TH ED. (2017) FBC
2	12/07/15	LFS	REVISED 4175 MULLION
1	04/22/15	JK	UPDATE TO 5TH ED. (2014) FBC
DATE: 1/7/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15417.6			
SHEET 7 OF 8			

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	2"	1-7/8"
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	3"

SEE DESIGN PRESSURE TABLES (SHEETS 3, 4, 5 & 6)
FOR QUANTITY OF CONCRETE OR WOOD
ANCHORS REQUIRED PER EACH CLIP

MULLION ANCHORING



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

DATE:		1/7/13	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15417.6	
SHEET	8	OF	8

NO.		DATE	REVISIONS	
4	7/29/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
3	9/26/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	12/07/15	REVISED 4175 MULLION		LFS
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
				BY

PRODUCT:	CLIPPED MULLION
PART OR ASSEMBLY:	BUCK ANCHORING