

MIAMI-DADE COUNTY

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION NOTICE OF ACCEPTANCE (NOA)

Lawson Industries, Inc. 8501 NW 90 Street Medley, FL 33166

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Clipped Extruded Aluminum Tube Mullion w/ and w/o Steel Reinforcement – L.M.I.

APPROVAL DOCUMENT: Drawing No. LAW-ML-1001, titled "Aluminum Tube Mullions" sheets 1 through 10 of 10, dated 04/27/10, with revision F dated 08/10/20, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA No. 18-0529.03** and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



10/08/20

NOA No. 20-0814.10 Expiration Date: May 30, 2023 Approval Date: October 15, 2020 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA's No. 02-0501.05 and 95-1212.09)
- Drawing No. LAW-ML-1001, titled "Aluminum Tube Mullions", sheets 1 through 10 of 10, dated 04/27/10, with revision E dated 05/14/18, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E. (Submitted under NOA No. 18-0529.03)

B. TESTS

4.

 Test report on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of 108-1/2" span aluminum 2" x 4"tube mullion with no reinforcement, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-18-6036, dated 05/04/18, signed and sealed by Rafael E. Droz-Seda, P.E.

(Submitted under NOA No. 18-0529.03)

2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94.

2) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of 108-1/2" span aluminum

2" x 4"tube mullions with no reinforcement, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6037**, dated 05/04/18, signed and sealed by Rafael E. Droz-Seda, P.E.

(Submitted under NOA No. 18-0529.03)

Test report on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of 120" horizontal span and 74" vertical span, 2" x 6" aluminum tube mullions with C4 x 4.5 steel channel reinforcement, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-18-6038, dated 05/22/18, signed and sealed by Rafael E. Droz-Seda, P.E. (Submitted under NOA No. 18-0529.03)

Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94.

2) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of 120" horizontal span and 74" vertical span, 2" x 6" aluminum tube mullions with C4 x 4.5 steel channel reinforcement, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-18-6040**, dated 05/22/18, signed and sealed by Rafael E. Droz-Seda, P.E. *(Submitted under NOA No. 18-0529.03)*

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Manuel Perez, P.E. Product Control Examiner NOA No. 20-0814.10 Expiration Date: May 30, 2023 Approval Date: October 15, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. **EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)**

В. **TESTS (CONTINUED)**

- 5. Tensile Test report on 0.10" thick wall aluminum tube mullion, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-02-T071, dated 09/16/02, tested per ASTM E8, signed and sealed by Rafael E. Droz-Seda, P.E. (Submitted under NOA No. 02-0501.05)
- Test report on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 6. along with marked-up drawings and installation diagram of 120" span aluminum tube mullions with C4 x 4.5 steel channel reinforcement, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-02-1714, dated 08/27/02, signed and sealed by Rafael E. Droz-Seda, P.E.

(Submitted under NOA No. 02-0501.05)

7. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94.

2) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of 120" span aluminum tube mullion with C4 x 4.5 steel channel reinforcement, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-02-1716, dated 8/27/02, signed and sealed by Rafael E. Droz-Seda, P.E. (Submitted under NOA No. 02-0501.05)

- Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94. 8. 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-02-1718**, dated 8/27/02, signed and sealed by Rafael E. Droz-Seda, P.E. (Submitted under NOA No. 02-0501.05)
- Test report on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 9. along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-02-1717, dated 08/27/02, signed and sealed by Rafael E. Droz-Seda, P.E. (Submitted under NOA No. 02-0501.05)
- 10. Test report on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-1376, dated 01/31/96, signed and sealed by Gilbert Diamond, P.E.

(Submitted under NOA No. 95-1212.09)

Test report on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 11. along with marked-up drawings and installation diagram of two aluminum horizontal sliding windows mulled at top with a 90" span mullion and a 45" high fixed window on top, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-1383, dated 02/13/96, signed and sealed by Gilbert Diamond, P.E.

(Submitted under NOA No. 95-1212.09)

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Manuel Perez, P.E. **Product Control Examiner** NOA No. 20-0814.10 Expiration Date: May 30, 2023 Approval Date: October 15, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

C. CALCULATIONS

 Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017), prepared by manufacturer, dated 05/24/18, signed and sealed by Thomas J. Sotos, P.E. (Submitted under NOA No. 18-0529.03)

D. QUALITY ASSURANCE

1. Miami–Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with the **FBC 6th Edition (2017)**, and of no financial interest, dated November 17, 2017, issued, signed and sealed by Thomas J. Sotos, P.E.

(Submitted under NOA No. 17-1212.24)

 Laboratory compliance letter for Test Reports No. HETI-02-1714, HETI-02-1716, HETI-02-1717, HETI-02-1718, dated 8/27/02 and HETI-02-T071, dated 09/16/02, all issued by Hurricane Engineering & Testing, Inc., signed and sealed by Rafael E. Droz-Seda, P.E.

(Submitted under NOA No. 02-0501.05)

- Laboratory compliance letter for Test Reports No. FTL-1376, dated 01/31/96, and FTL-1383, dated 02/13/96, both issued by Fenestration Testing Laboratory, Inc., signed and sealed by Gilbert Diamond, P.E. (Submitted under NOA No. 02-0501.05)
- Laboratory compliance letter for Test Reports No.: FTL-3619, FTL-3620, FTL-3621, FTL-3622, FTL-3623, FTL-3624, FTL-3625, FTL-3626, FTL-3627, all dated 11/27/02, issued by Fenestration Testing Laboratory, Inc., and signed and sealed by Joseph C. Chan, P.E. (Submitted under NOA No. 03-0128.06)

G. OTHERS

1. Notice of Acceptance No. 17-1212.24 issued to Lawson Industries, Inc. for their Clipped Extruded Aluminum Tube Mullion w/ and w/o Steel Reinforcement – L.M.I.", approved on 02/01/18 and expiring on 05/30/18.

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Manuel Perez, P.E. Product Control Examiner NOA No. 20-0814.10 Expiration Date: May 30, 2023 Approval Date: October 15, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. LAW-ML-1001, titled "Aluminum Tube Mullions", sheets 1 through 10 of 10, dated 04/27/10, with revision F dated 08/10/20, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

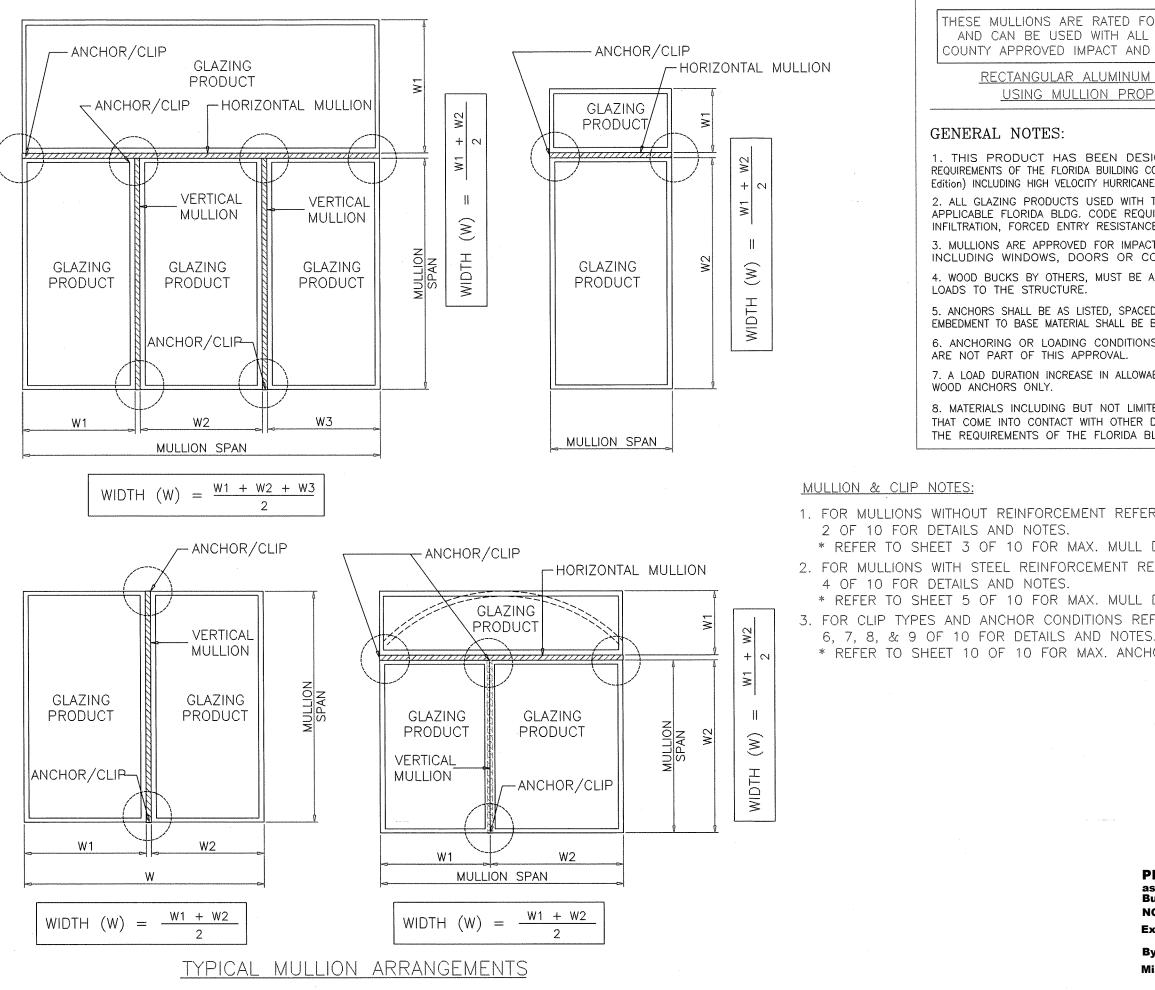
1. Statement letter of conformance, complying with **FBC** 7th **Edition (2020)**, dated August 03, 2020, issued by manufacturer, signed and sealed by Thomas J. Sotos, P.E.

G. OTHERS

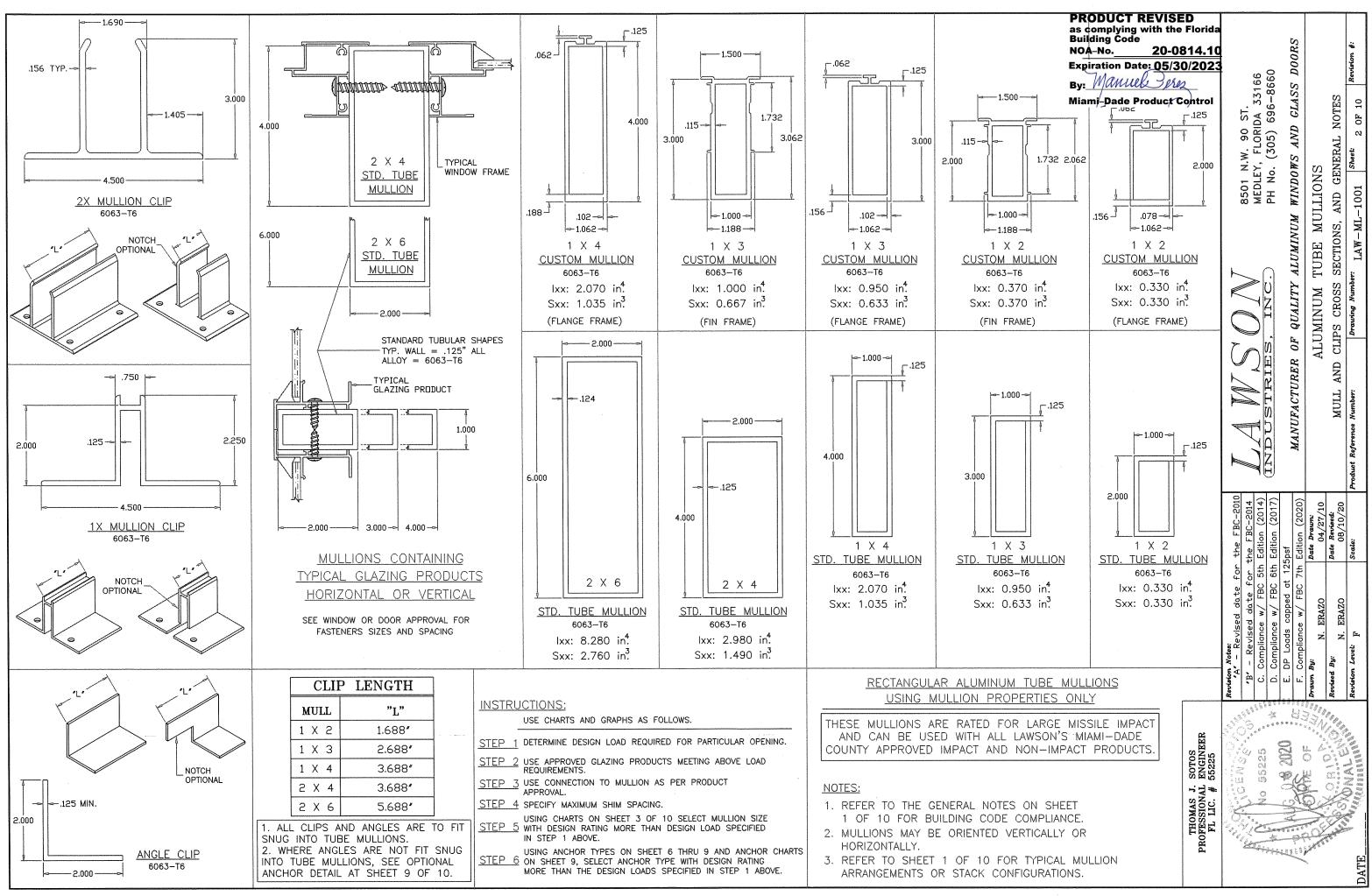
1. Notice of Acceptance No. **18-0529.03** issued to Lawson Industries, Inc. for their Clipped Extruded Aluminum Tube Mullion w/ and w/o Steel Reinforcement – L.M.I., approved on 06/14/18 and expiring on 05/30/23.

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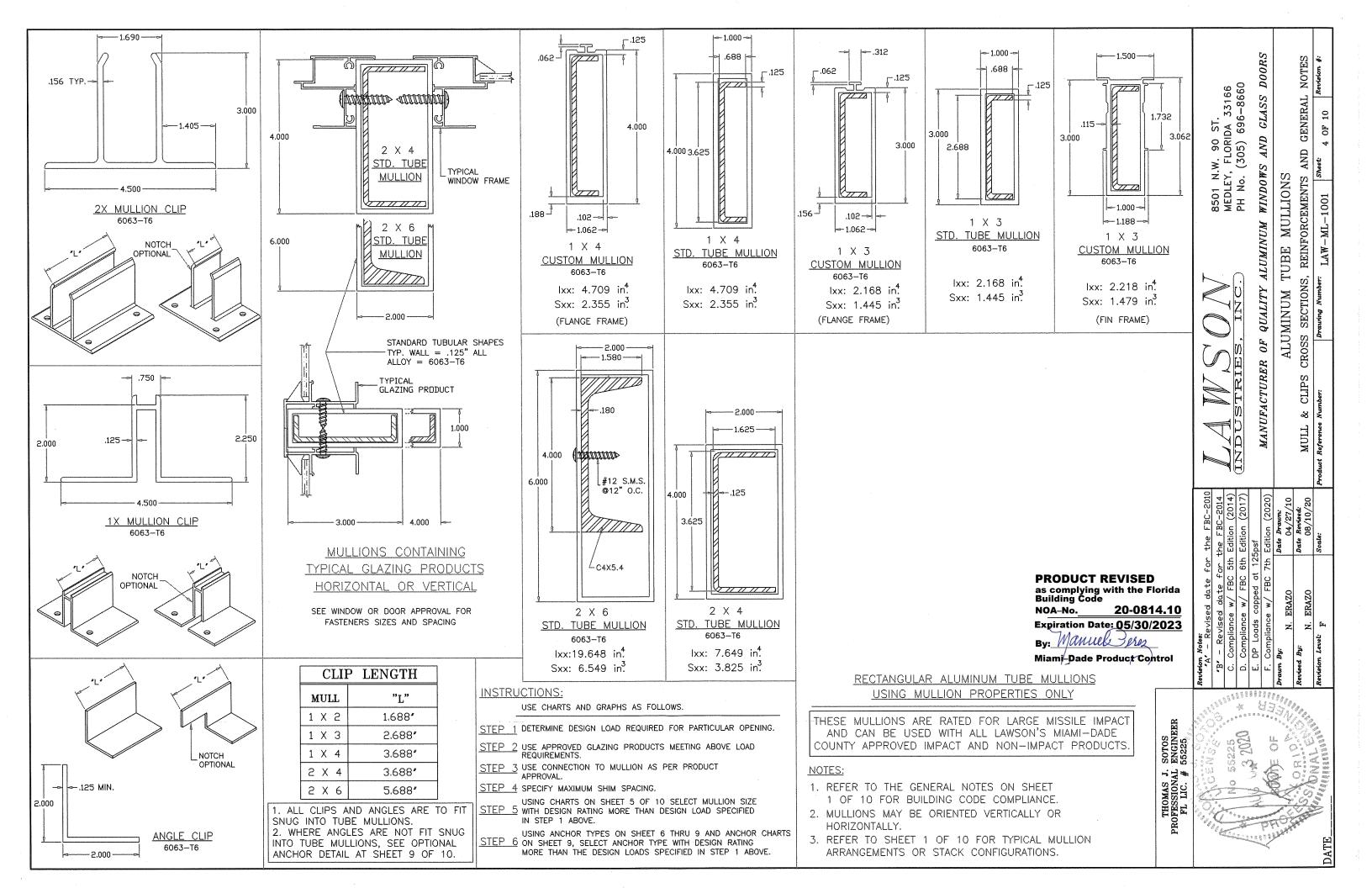
Manuel Perez, P.E. Product Control Examiner NOA No. 20-0814.10 Expiration Date: May 30, 2023 Approval Date: October 15, 2020



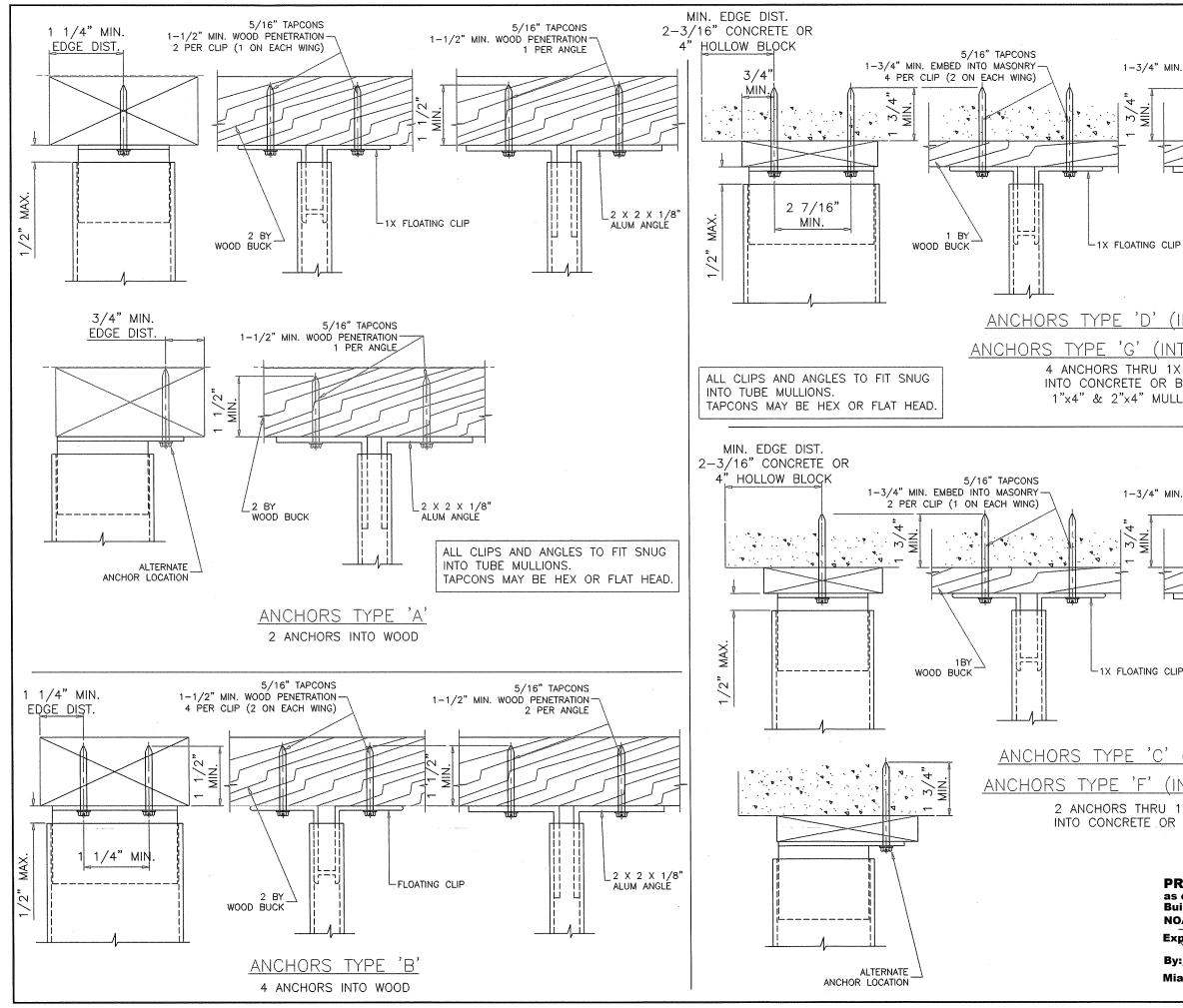
DR LARGE MISSILE IMPACT LAWSON'S MIAMI-DADE NON-IMPACT PRODUCTS. TUBE MULLIONS PERTIES ONLY			8501 N.W. 90 51.	FLORIDA 33166	(305) 696-8660		S AND GLASS DUOKS			NOTES	Sheet: 1 OF 10 Revision #:
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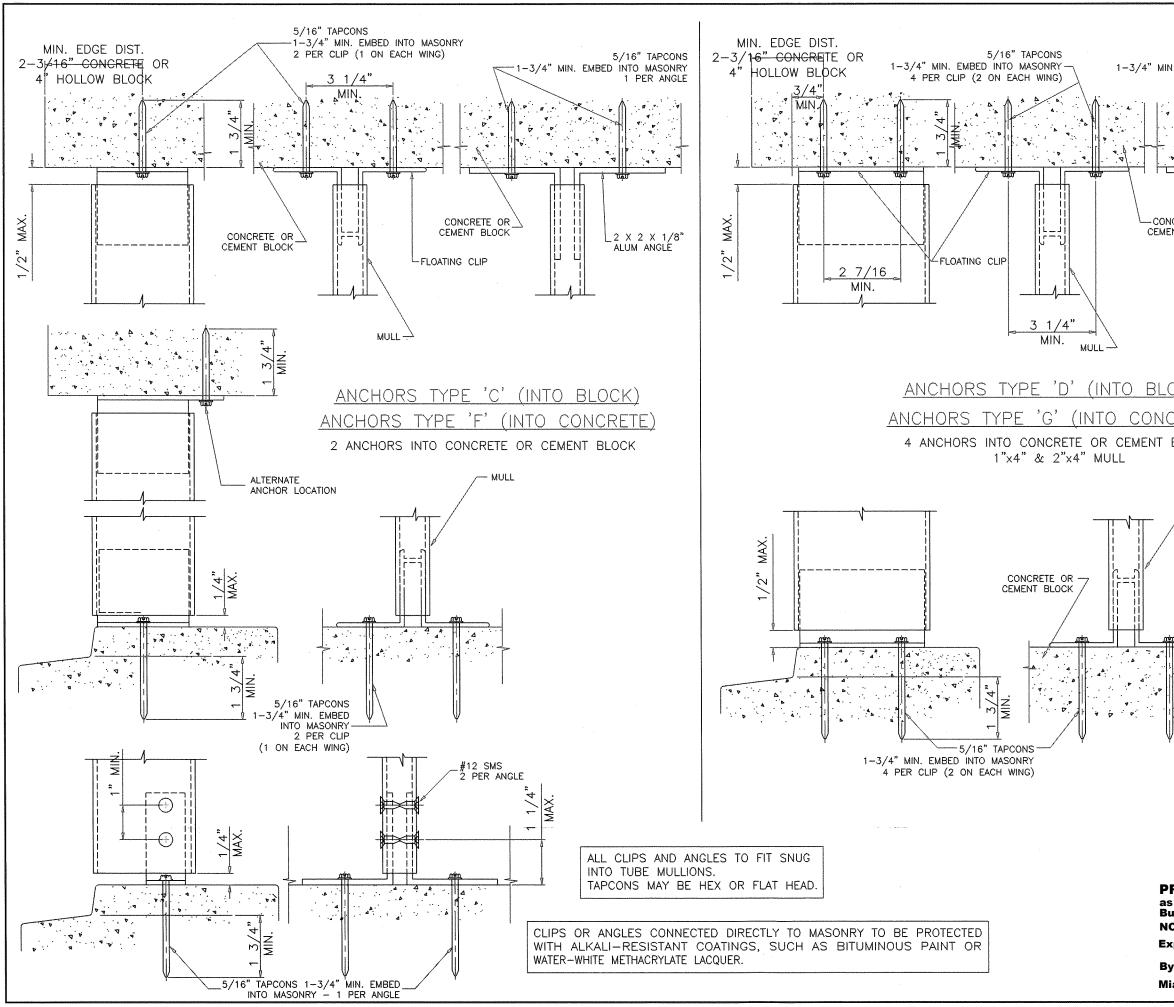
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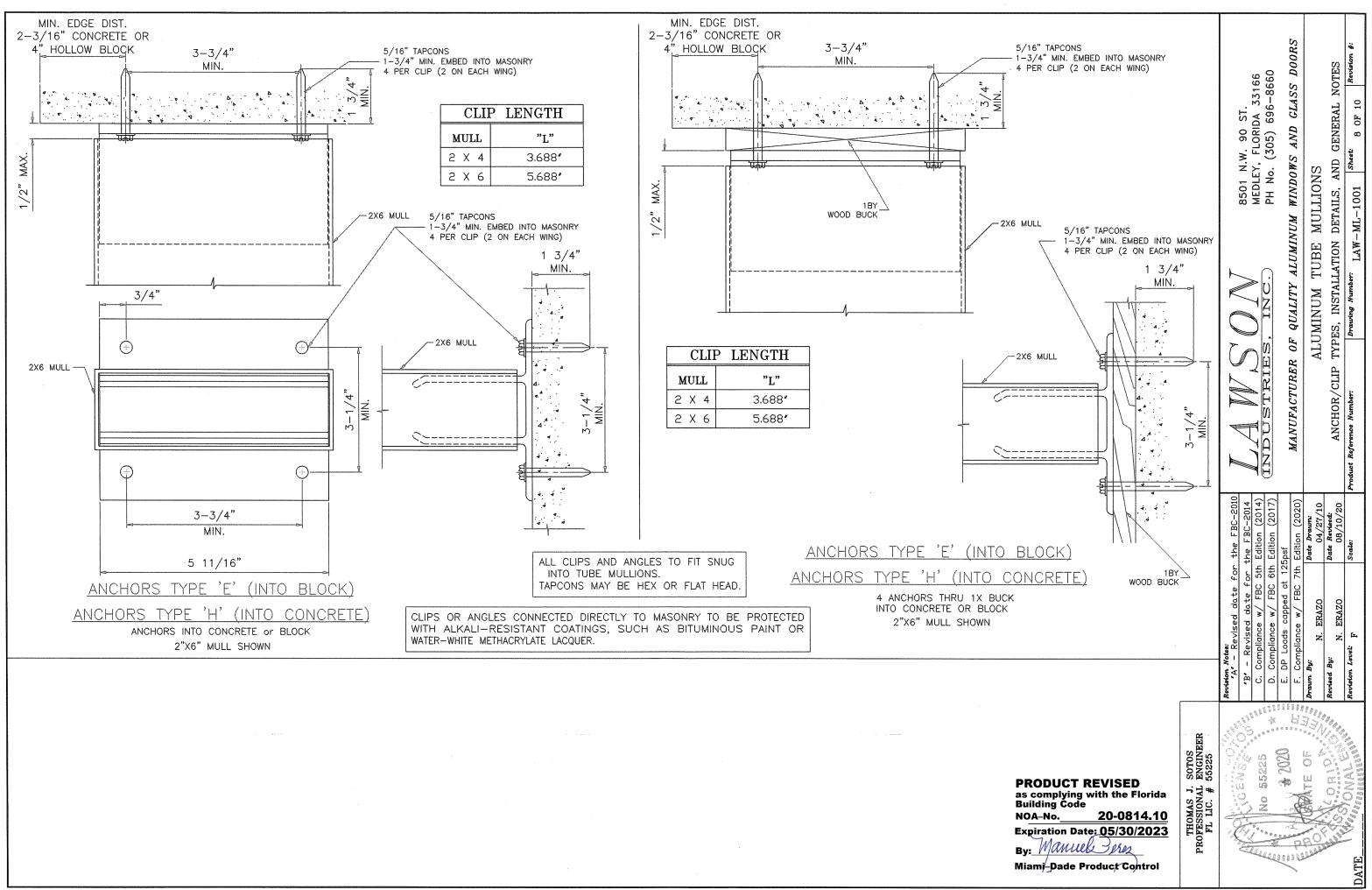
	I	STEEL RI	EINFORCE	D TUBE MU	JLLIONS			STEEL R	EINFORCE	D TUBE M	ULLIONS	- ^	<u>, , , , , , , , , , , , , , , , , , , </u>	STEEL F	REINFORCE	D TUBE M	ULLIONS				
Width (w)	MULL SPAN	1 X 3	1 X 4	2 X 4	2 X 6	Width (w)	MULL SPAN	1 X 3	1 X 4	2 X 4	2 X 6	Width (w)	MULL SPAN	1 X 3	1 X 4	2 X 4	2 X 6				NOTES
18		125.0	125.0	125.0	125.0	18		125.0	125.0	125.0	125.0	18		44.0	95.7	125.0	125.0				HLON
24		125.0	125.0	125.0	125.0	24		139.5	125.0	125.0	125.0	24		33.0	71.8	116.6	125.0			900	
30		125.0	125.0	125.0	125.0	30		111.6	125.0	125.0	125.0	30		26.4	57.4	93.2	125.0			33166 5-8660	GENERAL GENERAL
36		125.0	125.0	125.0	125.0	36		93.0	125.0	125.0	125.0	36	120"	22.0	47.8	77.7	125.0			6-5°	GENER GENER
42	-	125.0	125.0	125.0	125.0	42		79.7	125.0	125.0	125.0	42		18.9	41.0	66.6	125.0			ST. DA 3 696-	
48	38- 3/8"	125.0	125.0	125.0	125.0	48	74-1/4"	69.7	125.0	125.0	125.0	48		16.5	35.9	58.3	149.7				AND
54		125.0	125.0	125.0	125.0	54	-	62.0	134.6	125.0	125.0	54		-	31.9	51.8	133.1			7. S	' - <u> </u>
60		125.0	125.0	125.0	125.0	60	-	55.8	121.2	125.0	125.0	60		-	28.7	46.6	119.8			8501 N.W. 90 ST. MEDLEY, FLORIDA PH No. (305) 696	LIONS LIONS E CHARTS
66		125.0	125.0	125.0	125.0	66	-	50.7	110.1	125.0	125.0	66		-	26.1	42.4	108.9			No CE	MULLIONS SSURE CHAR
72		125.0	125.0	125.0	125.0	72		46.5	101.0	125.0	125.0	72		-	23.9	38.9	99.8			MEI PH	
78		125.0	125.0	125.0	125.0	78		42.9	93.2	125.0	125.0	78		-	22.1	35.9	92.1				
18	-	125.0	125.0	125.0	125.0	18	-	128.4	125.0	125.0	125.0	18		33.1	71.9	116.8	125.0				
24		125.0	125.0	125.0	125.0	24	-	96.3	125.0	125.0	125.0	24	-	24.8 19.9	53.9 43.1	87.6 70.1	125.0 125.0				TUBE TUBE
30 36		125.0 125.0	125.0 125.0	125.0 125.0	125.0 125.0	<u>30</u> 36	-	77.1 64.2	125.0 139.5	125.0 125.0	125.0 125.0	30 36		19.9	35.9	58.4	125.0				Z D D
42		125.0	125.0	125.0	125.0	42		55.0	119.5	125.0	125.0	42		-	30.8	50.0	123.0			\mathbb{N}	
42	50-5/8"	125.0	125.0	125.0	125.0	42	84"	48.2	104.6	125.0	125.0	42	132"		27.0	43.8	112.5				UM TU DESIGN
54		125.0	125.0	125.0	125.0	54		42.8	93.0	125.0	125.0	54		_	24.0	38.9	100.0				
60		125.0	125.0	125.0	125.0	60		38.5	83.7	135.9	125.0	60			21.6	35.0	90.0				K UF QUALLINUM ALUMINUM MULLIONS DES
66		147.7	125.0	125.0	125.0	66		35.0	76.1	123.6	125.0	66		-	19.6	31.8	81.8				
72		135.3	125.0	125.0	125.0	72		32.1	69.7	113.3	125.0	72		-	18.0	29.2	75.0				
78		124.9	125.0	125.0	125.0	78		29.6	64.4	104.6	125.0	78		-	16.6	26.9	69.2				
18		125.0	125.0	125.0	125.0	18	-	86.0	125.0	125.0	125.0	18		25.5	55.4	89.9	125.0			L R	MANUFACTURER FORCED TUBE M
24	-	125.0	125.0	125.0	125.0	24	-	64.5	140.1	125.0	125.0	24		19.1	41.5	67.5	125.0			H	nber
30		125.0	125.0	125.0	125.0	30	96"	51.6	112.1	125.0	125.0	30		15.3	33.2	54.0	138.6			N	Vur ED
36	4 -	125.0	125.0	125.0	125.0	36		43.0	93.4	125.0	125.0	36		-	27.7	45.0	115.5				DRC IIV
42	67 11	125.0	125.0	125.0	125.0	42		36.9	80.1	130.1	125.0	42	144"	-	23.7 20.8	38.5	99.0 86.6				M.F.C.
48 54	57"	125.0 137.0	125.0 125.0	125.0 125.0	125.0 125.0	<u>48</u> 54	96	32.3 28.7	70.1 62.3	113.8 101.2	125.0 125.0	48 54	144	-	18.5	33.7 30.0	86.6 77.0			ZI	MANUFA REINFORCED tuot Reference Nun
60	-	123.3	125.0	125.0	125.0	60	-	25.8	56.1	91.1	125.0	60	-		16.6	27.0	69.3				T Poor
66		112.1	125.0	125.0	125.0	66	-	23.5	51.0	82.8	125.0	66		-	15.1	24.5	63.0			9+22	
72	4 F	102.8	125.0	125.0	125.0	72	-	21.5	46.7	75.9	125.0	72			-	22.5	57.8			C-2010 -2014 (2014) (2017)	2020) mr: 27/10 8ed: 0/20
78		94.8	125.0	125.0	125.0	78		19.9	43.1	70.0	125.0	78	•	-	-	20.8	53.3				2) (2) 1/27 3/10
18		125.0	125.0	125.0	125.0	18		60.4 131.2 125.0 125.0	18	22.6	49.0	79.6	125.0			f littion	te B				
24		125.0	125.0	125.0	125.0	24		45.3	98.4	125.0	125.0	24		16.9	36.7	59.7	125.0			the the Ed	Da Da
30		125.0	125.0	125.0	125.0	30		36.3	78.7	127.9	125.0	30			29.4	47.7	122.6				2th
36		125.0	125.0	125.0	125.0	36		30.2	65.6	106.6	125.0	36			24.5	39.8	102.2	-		d af BC f	BC
42		130.5	125.0	125.0	125.0	42		25.9	56.2	91.4	125.0	42		-	21.0	34.1	87.6			ppe dat	e w/ F ERAZO ERAZO
48	63"	114.2	125.0	125.0	125.0	48	108"	22.7	49.2	79.9	125.0	48	150"		18.4	29.8	76.6				EH EH
54		101.5 91.3	<u> 125.0 </u> 125.0	125.0 125.0	125.0 125.0	54		20.1 18.1	43.7 39.4	71.1 64.0	125.0 125.0	<u>54</u> 60		-	16.3	26.5 23.9	68.1 61.3			<u>kevl</u> <u>kvls</u> liane Jads	Iiane F. N.
60 66	4	83.0	125.0	125.0	125.0	60 66	-	16.5	39.4	58.1	123.0	66	1	-	-	21.7	55.7			Votes - Re omp	omp u: tevel
72		76.1	142.4	125.0	125.0	72	-	15.1	32.8	53.3	134.8	72				19.9	51.1			*A* -	A By
78	-	70.2	131.4	125.0	125.0	78	-	-	30.3	49.2	124.4	78	-	-	-	18.4	47.2			E C C	Praw Praw
							RIZONTAL MULLION			·••	atum,	I									
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					PI		X ANT		ICAL MUL	LIUN AR	RANGEME	<u>CIVI.</u>							EER	1202	····
		WERTICAL MULLION			<u>k</u>			ARCHES	TO BE INSC	RIBED									SO SO		3 4 4 3 3
			<u>z</u>						RECTANGULAR	SHAPE									SOTOS ENGINI 55225		
	GLAZING PRODUCT	GLAZING PRODUCT		PAN				<u>NOTE</u>			THESE O	HARTS MAN	' BE ORIENT	FD				DUCT REVISED	Ŀ. ÅL		
			WULLION	<u>N</u>			W2				ZONTALLY			- <i>L</i>			as cor Buildi	mplying with the Florida ng Code	THOMAS J. PROFESSIONAL FL LIC. # 4	1223	
					GLAZING	GLAZIN	G						VED)				NOA-I		HOM L L		
									ation Date: <u>05/30/2023</u>	LI SOFI	and the season	- SANN									
]							. W	1 + W2						By:_/	Manuel Perez	PF	Gutter.	CILLIN .
	W1	W2	A		L	LION SPAN	V		DTH (W)) =	2						-	-Dade Product Control			
٣					MUL	LIUN SPAN		L									MINISTERNAL PROVIDENCE AND	- 1 /	ļ,		Ċ.

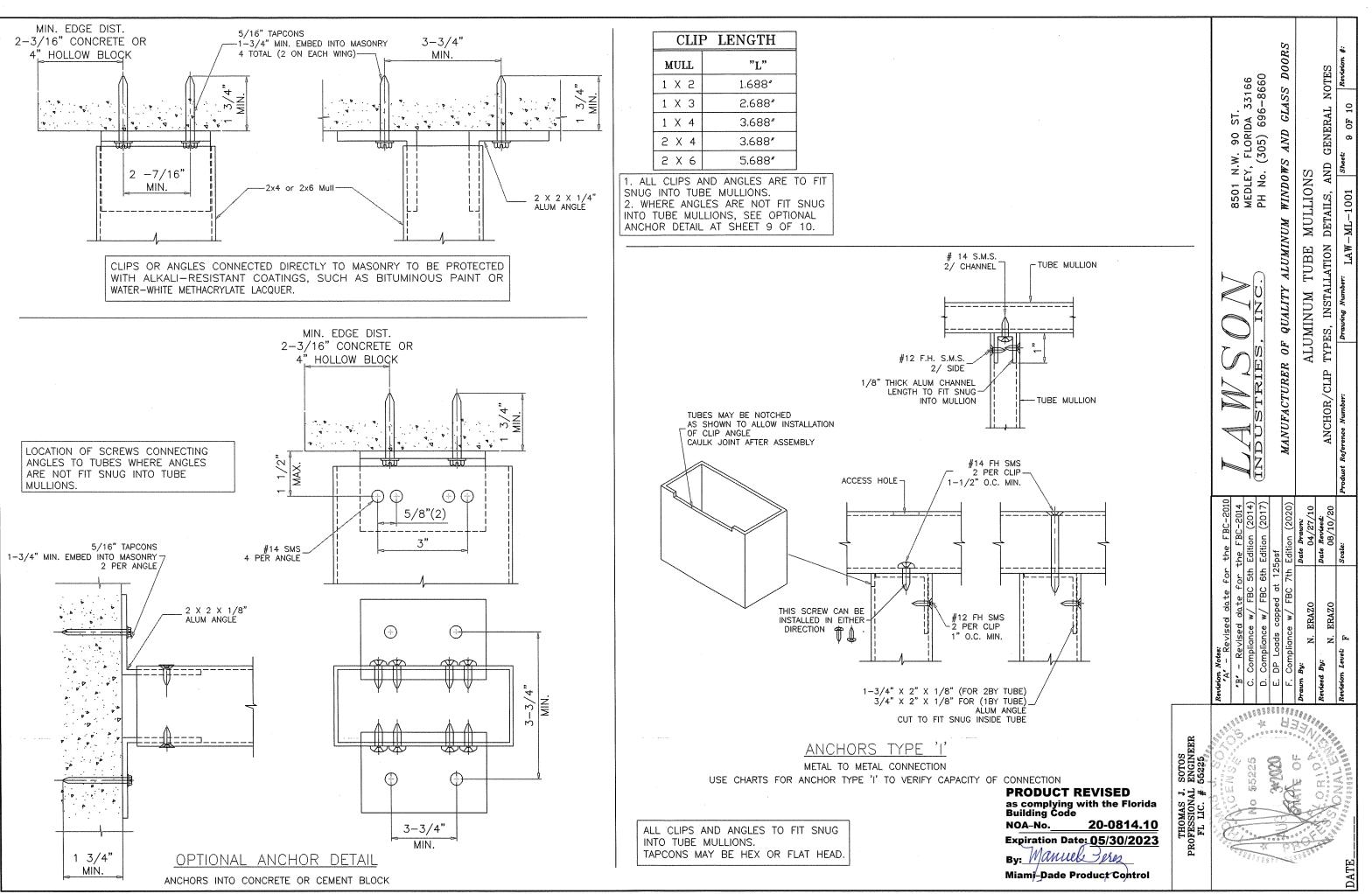


N. EMBED INTO MASONRY 2 PER ANGLE			8501 N.W. 90 ST.	MEDLEY, FLORIDA 33166	PH No. (305) 696-8660		WINDOWS AND GLASS DOORS	LIONS	LS, AND GENERAL NOTES	001 Sheet: 6 OF 10 Revision #:
(INTO_BLOCK) ITO_CONCRETE) X BUCK BLOCK	X 1/8" NGLE	IN UN			W. IDC.		MANUFACTURER OF QUALITY ALUMINUM N	ALUMINUM TUBE MULLIONS	ANCHOR/CLIP TYPES, INSTALLATION DETAILS, AND GENERAL NOTES	Praving Number: LAW-ML-1001
5/16" TAPCONS N. EMBED INTO MASONRY 1 PER ANGLE					HAT IND UNIT		MANUFACTURER		ANCHOR/CLIP	Product Reference Number:
		the FBC-2010	the FBC-2014	5th Edition (2014)	Edition (2017)	.5psf	7th Edition (2020)	Date Drawn: 04/27/10	Date Revised: 08/10/20	Soale:
JP	X 1/8" NGLE	Revision Notes: 'A' - Revised date for the FBC-	"B" - Revised date for	C. Compliance w/ FBC 5th	D. Compliance w/ FBC 6th	E. DP Loads capped at 125pst	F. Compliance w/ FBC 7th	brawn By: N. ERAZO	Revised By: N. ERAZO	Revision Level: F
INTO CONCRETE) 1X BUCK BLOCK RODUCT REVISED s complying with the Florida	S J. SOTOS NAL ENGINEER 3. # 55225			No 55225	0.000	Mar X			R. P. P. S.	1. UNAUTAN
uilding Code OA-No. <u>20-0814.10</u> (piration Date: <u>05/30/2023</u>	THOMAS J. PROFESSIONAL FL LLC. #	0	÷.			0 8 1	 P1	X	Ref.	S.



s complying with the Florida Building Code IOA-No. <u>20-0814.10</u> Expiration Date: <u>05/30/2023</u>		
LECOTING CLID PROPERSIONAL ENGINEER TA. LIC. # 55225 Revised date for the FBC-2010 "A Revised date for the FBC-2014 "A	N. EMBED INTO MASONRY 2 PER ANGLE	8501 N.W. 90 ST. MEDLEY, FLORIDA 33166 PH No. (305) 696-8660 <i>TINUM WINDOWS AND GLASS DOORS</i> MULLIONS N DETAILS, AND GENERAL NOTES W-ML-1001 Sheet: 7 OF 10 Revision #:
LECOTING CLID PROPERSIONAL ENGINEER TA. LIC. # 55225 Revised date for the FBC-2010 "A Revised date for the FBC-2014 "A	OCK)	OF QUALITY ALUM OF QUALITY ALUM ALUMINUM TUBI
FLOATING CTIL Herviston Moter: THOMAS J. SOTOS Reviston Moter: Raviston Materian Moter: Annual Contraction Moter: Annual Contraction Moter: Annual Contraction Contract		MANUFACTURER ANCHOR/CLIP
PRODUCT REVISED IS complying with the Florida building Code IOA-No. 20-0814.10 Expiration Date: 05/30/2023 Mound Code	, FLOATING CLIP	e FBC-2010 FBC-2014 tion (2014) tion (2017) tion (2020) brown: 04/27/10 08/10/20 te:
PRODUCT REVISED is complying with the Florida Building Code IOA-No. 20-0814.10 Expiration Date: 05/30/2023		Revision Notes: "A" - Revised date for "B" - Revised date for C. Compliance w/ FBC 5th D. Compliance w/ FBC 6th E. DP Loads capped at 12 F. Compliance w/ FBC 7th Draum By: N. ERAZO Revised By: N. ERAZO Revision Levei: F
		No 5522
	iami-Dade Product Control	DATE





								·····					
			ANCHOR	TYPES				ANCHOR TYPES				ANCHOR TYPES	
Width (w) N	IULL SPAN	A B	C D E	F G H I	Width (w) N	MULL SPAN	N A B C	DEF	G H I	Width (w)	MULL SPAN	A B C D E F G H 1	s s
18		125.00 125.00	125.00 125.00 125.0	0 125.00 125.00 125.00 125.00	18		90.72 125.00 125.00	125.00 125.00 125.00	0 125.00 125.00 125.00	18		56.13 112.27 129.07 125.00 125.00 144.27 125.00 125.00 125.00	m a
24	_	131.65 125.00	125.00 125.00 125.0	0 125.00 125.00 125.00 125.00	24		68.04 136.08 125.00	125.00 125.00 125.00	0 125.00 125.00 125.00	24		42.10 84.20 96.80 145.60 125.00 108.20 125.00 125.00 115.70	
30			125.00 125.00 125.0	www.maineter.com	30		54.43 108.86 125.16	125.00 125.00 139.89	9 125.00 125.00 149.59	30		33.68 67.36 77.44 116.48 125.00 86.56 130.24 125.00 92.56 6	Real No.
36		87.77 125.00	125.00 125.00 125.0	0 125.00 125.00 125.00 125.00	36		45.36 90.72 104.30	125.00 125.00 116.58	8 125.00 125.00 124.66	36		33.68 67.36 77.44 116.48 125.00 86.56 130.24 125.00 92.56 28.07 56.13 64.53 97.07 129.00 72.13 108.53 144.20 77.13	ASS ASS
42				0 125.00 125.00 125.00 125.00	42		38.88 77.76 89.40	134.46 125.00 99.92		42		24.06 48.11 55.31 83.20 110.57 61.83 93.03 123.60 66.11	
48	38 3/8	65.82 131.65		·····	48	74 1/4	34.02 68.04 78.22	117.66 125.00 87.43		48	120	21.05 42.10 48.40 72.80 96.75 54.10 81.40 108.15 57.85 O	
54	-			0 125.00 125.00 125.00 125.00	54		30.24 60.48 69.53	104.58 138.99 77.72		54		18.71 37.42 43.02 64.71 86.00 48.09 72.36 96.13 51.42 0 C	
60	-			0125.00125.00125.00144.720125.00125.00125.00131.56	60		h		i 105.24 139.83 74.80 0 05.02 127.42 68.00	60		24.06 48.11 55.31 83.20 110.57 61.83 93.03 123.60 66.11 21.05 42.10 48.40 72.80 96.75 54.10 81.40 108.15 57.85 18.71 37.42 43.02 64.71 86.00 48.09 72.36 96.13 51.42 16.84 33.68 38.72 58.24 77.40 43.28 65.12 86.52 46.28 15.31 30.62 35.20 52.95 70.36 39.35 59.20 78.65 42.07 14.03 28.07 32.27 48.53 64.50 36.07 54.27 72.10 38.57	S AND GLASS S AND GLASS ENERAL NOTES
66 72	-			0 125.00 125.00 125.00 131.56	66		24.74 49.48 56.89 22.68 45.36 52.15	+		66 72		15.31 30.62 35.20 52.95 70.36 39.35 59.20 78.65 42.07 14.03 28.07 32.27 48.53 64.50 36.07 54.27 72.10 38.57 Z Z	Shee
72	F	40.51 81.01		0 104.11 125.00 125.00 120.00	72		22.68 45.36 52.15 20.94 41.87 48.14	72.40 96.22 53.81		72		14.03 28.07 32.27 48.53 64.50 36.07 54.27 72.10 38.57 12.95 25.91 29.78 44.80 59.54 33.29 50.09 66.55 35.60 5	
18				0 125.00 125.00 125.00 125.00	18			125.00 125.00 125.00		18		12.95 25.91 29.78 44.80 59.54 33.29 50.09 66.55 35.60 51.03 102.06 117.33 125.00 125.00 131.15 125.00 125.00 140.24	UM WINDO UM WINDO MULLION ARTS AND MI-1001
24	F	99.79 125.00		0 125.00 125.00 125.00 125.00	24		60.14 120.29 138.29			24		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	WINJ S AN
30				0 125.00 125.00 125.00 125.00	30			125.00 125.00 123.60		30		<u>30.62</u> 61.24 70.40 105.89 140.73 78.69 118.40 125.00 84.15	<u>HINUM</u> E MUL CHARTS W-ML-1
36	F			0 125.00 125.00 125.00 125.00	36		40.10 80.19 92.19			36		25.52 51.03 58.67 88.24 117.27 65.58 98.67 131.09 70.12	
42	F	· · · · · ·		0 146.56 125.00 125.00 125.00	42		34.37 68.73 79.02			42		21.87 43.74 50.29 75.64 100.52 56.21 84.57 112.36 60.10	
48	50 5/8	49.90 99.79	114.73 125.00 125.0	0 128.24 125.00 125.00 137.13	48	84	30.07 60.14 69.14	104.00 138.21 77.29	116.29 125.00 82.64	48	132	19.14 38.27 44.00 66.18 87.95 49.18 74.00 98.32 52.59	
54	F			0 113.99 125.00 125.00 121.89	54		26.73 53.46 61.46			54		17.01 34.02 39.11 58.83 78.18 43.72 65.78 87.39 46.75	TUBE SSURE CI
60		39.92 79.83	91.78 138.05 125.0	0 102.59 125.00 125.00 109.70	60		24.06 48.11 55.31	83.20 110.57 61.83	3 93.03 123.60 66.11	60		15.31 30.62 35.20 52.95 70.36 39.35 59.20 78.65 42.07	
66		36.29 72.58	· · · · · · · · · · · · · · · · · · ·	0 93.26 140.33 125.00 99.73	66		21.87 43.74 50.29	75.64 100.52 56.21	84.57 112.36 60.10	66		13.92 27.83 32.00 48.13 63.97 35.77 53.82 71.50 38.25	OF QUALITY ALUMINUM DESIGN PRES
72		33.26 66.53		0 85.49 128.63 125.00 91.42	72		20.05 40.10 46.10		+ + +	72		12.76 25.52 29.33 44.12 58.64 32.79 49.33 65.55 35.06	IN IN
78			70.60 106.19 141.1		78		18.51 37.01 42.55		6 71.56 95.08 50.86	78		11.78 23.55 27.08 40.73 54.13 30.27 45.54 60.50 32.36	OF QU ALUMI DESIGN
18				00 125.00 125.00 125.00 125.00	18		70.17 140.33 125.00		0 125.00 125.00 125.00	18		46.78 93.56 107.56 125.00 125.00 120.22 125.00 125.00 128.56	
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36				0 125.00 125.00 125.00 125.00	36		35.08 70.17 80.67		135.67 125.00 96.42 140.00 405.00 90.04	36		23.39 46.78 53.78 80.89 107.50 60.11 90.44 120.17 64.28	
42 48	57			00 130.17 125.00 125.00 139.19 00 113.89 125.00 125.00 121.79	42	96	30.07 60.14 69.14 26.31 52.63 60.50	104.00 138.21 77.29 91.00 120.94 67.63	116.29 125.00 82.64 101.75 135.19 72.31	42	144	20.05 40.10 46.10 69.33 92.14 51.52 77.52 103.00 55.10 17.54 35.08 40.33 60.67 80.63 45.08 67.83 90.13 48.21	FACTUREA ANCHORS
54	5/			00 101.24 125.00 125.00 108.26	40 54	90	23.39 46.78 53.78			40 54	144	17.54 35.08 40.33 60.67 80.63 45.08 67.83 90.13 48.21 15.59 31.19 35.85 53.93 71.67 40.07 60.30 80.11 42.85	FA NW
60	F		81.52 122.61 125.0		60		21.05 42.10 48.40	72.80 96.75 54.10		60		14.03 28.07 32.27 48.53 64.50 36.07 54.27 72.10 38.57	
66	-	32.23 64.46	74.11 111.46 148.1		66		19,14 38.27 44.00		3 74.00 98.32 52.59	66		12.76 25.52 29.33 44.12 58.64 32.79 49.33 65.55 35.06	AANU CLIP, erence
72	-		67.93 102.18 135.7		72		17.54 35.08 40.33		3 67.83 90.13 48.21	72		11.69 23.39 26.89 40.44 53.75 30.06 45.22 60.08 32.14	Ref
78		27.27 54.54	62.70 94.32 125.3	84 70.09 105.46 140.11 74.95	78		16.19 32.38 37.23	56.00 74.42 41.62	2 62.62 83.19 44.50	78		10.79 21.59 24.82 37.33 49.62 27.74 41.74 55.46 29.67	und h
18		106.92 125.00	125.00 125.00 125.0	00 125.00 125.00 125.00 125.00	18		62.37 124.74 143.41	125.00 125.00 125.00	0 125.00 125.00 125.00	18		44.91 89.81 103.25 125.00 125.00 115.41 173.65 125.00 123.41	Prod
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