REVISIONS							
REV	DESCRIPTION	DATE	APPROVED				
В	CHANGE MANUFACTURER'S NAME	03/25/2023	R.L.				
NTO	MASONRY/CONCRETE USE 1/4" TAPCO	NS WITH					
	4" MINIMUM EMBEDMENT INTO SUBSTRA						
NCHC	DRS AS SHOWN IN ELEVATIONS AND IN	STALLATION					
NTO	METAL STRUCTURE USE #12 SMS OR 3	SELF					
	TH TO ACHIEVE 3 THREADS MINIMUM I		I				
ANC	HORS AS SHOWN IN ELEVATIONS AND	INSTALLATION	ł				
	STANT.						
	LED IN ACCORDANCE WITH ANCHOR IONS AND ANCHORS SHALL NOT BE U	SED IN					
	N THE MINIMUM STRENGTH SPECIFIED						
	G=0.42						
	RENGTH OF 2,000 PSI. R ASTM C90 WITH Fm=2,000PSI MINIM	UM.					
	") FY=33KSI/FU=52KSI OR						

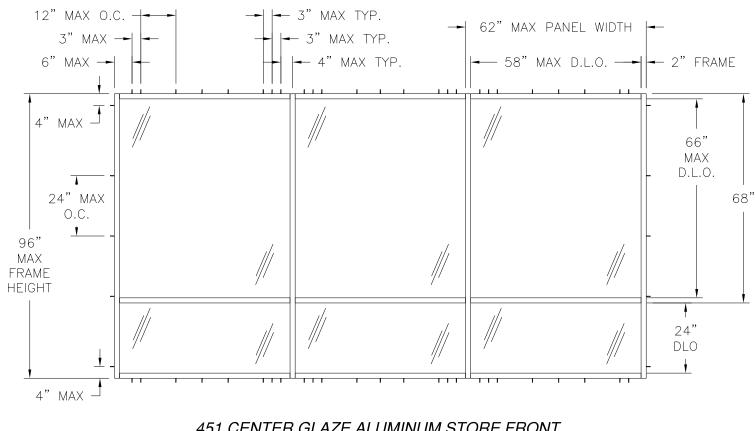
NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
- 4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
- 5. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
- 7. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
- 9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 10. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T5.
- 11. UNITS MUST BE GLAZED PER ASTM E1300.
- 12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 13. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

- 14. FOR ANCHORING THROUGH FRAME IN SUFFICIENT LENGTH TO ACHIEVE A 1 MINIMUM EDGE DISTANCE. LOCATE AN DETAILS.
- 15. FOR ANCHORING THROUGH FRAME IN DRILLING SCREWS WITH SUFFICIENT STRUCTURE INTERIOR WALL. LOCATE DETAILS.
- 16. ALL FASTENERS TO BE CORROSION
- 17. INSTALLATION ANCHORS SHALL BE IN MANUFACTURER'S INSTALLATION INSTR SUBSTRATES WITH STRENGTHS LESS A. WOOD: MINIMUM SPECIFIC GRAVITY
- B. CONCRETE: MINIMUM COMPRESSIVE
- C. MASONRY: HOLLOW/FILLED BLOCK
- D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU ALUMINUM 6063-T5 FU=30KSI 1/8" THICK MINIMUM

					950 SOLO Ahachie,
[SERIE	S 450 CEI STORE FI
	TABLE OF CONTENTS				NOTE
SHEET NO.	DESCRIPTION	-	DRAWN:		DWG NO.
1	NOTES		V.L.		
2	ELEVATION AND DESIGN PRESSURE CHART		^{SCALE} NTS	DATE 1	0/09/12
3 - 5	INSTALLATION DETAILS				L. ROBERTO LO ALM AVE, INDIA
6	COMPONENTS			434-688	

			SIGNED: 03/25/2023
US ALUMINUM 950 solon rd. Axahachie, tx 75			LICENS NOT
ES 450 CENTER STORE FRONT NOTES	GLAZE		No. 6251# *
DWG NO. 08-0	1816	rev B	SONAL EN
10/09/12 ^{SHE}	ET 1 OF 6		
L. ROBERTO LOMAS P.E PALM AVE, INDIALANTIC, 688-0609 rllomas@lrloma	FL 32903		Luis R. Lomas P.E. FL No.: 62514



Height 24.00 30.00 36.00 42 (in) Pos Neg Pos Neg Pos Neg Pos 53.3 60.0 53.3 60.0 53.3 60.0 53.3 24.00 **30.00** 53.3 60.0 53.3 60.0 53.3 60.0 53.3 **36.00** 53.3 60.0 53.3 60.0 53.3 60.0 53.3 **42.00** 53.3 60.0 53.3 60.0 53.3 53.3 60.0 **48.00** 53.3 60.0 53.3 60.0 53.3 60.0 53.3 **54.00** 53.3 60.0 53.3 60.0 53.3 60.0 53.3 **60.00** 53.3 60.0 53.3 60.0 53.3 60.0 53.3 **66.00** 53.3 60.0 53.3 60.0 53.3 60.0 53.3 **72.00** 53.3 60.0 53.3 60.0 53.3 60.0 53.3 **78.00** 53.3 60.0 53.3 60.0 53.3 56.0 50.5 **84.00** 53.3 60.0 53.3 58.4 50.9 50.9 45.7 **90.00** 53.3 60.0 53.3 53.7 46.6 46.6 41.7 **96.00** 53.3 60.0 49.8 49.8 43.1 43.1 38.4

Frame

451 CENTER GLAZE ALUMINUM STORE FRONT EXTERIOR VIEW

UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATION ARE APPROVED AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USES VERTICAL CONDITIONS AS SHOWN.

DESIGN PRESSURE RATING	IMPACT RATING
±30PSF	NONE

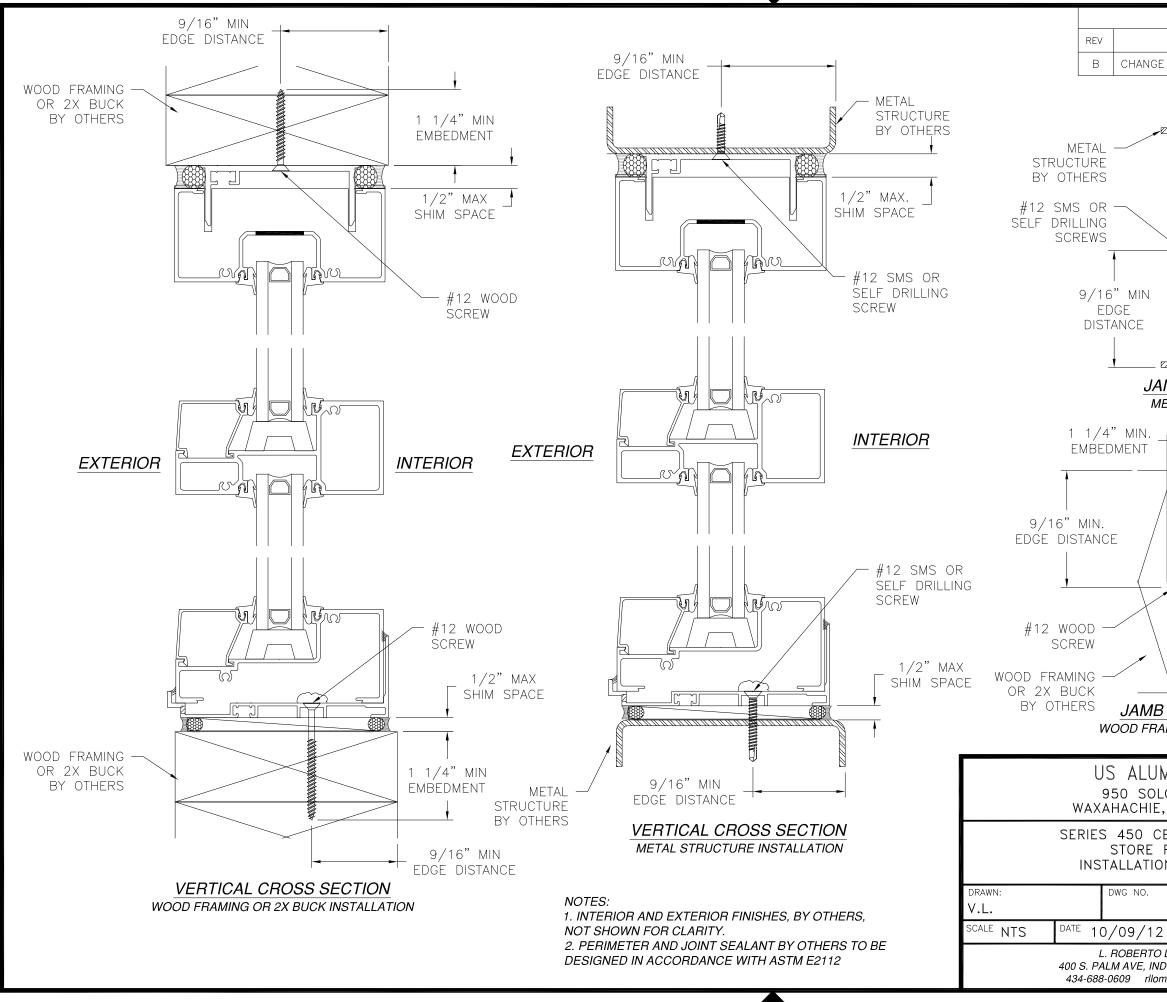
						SIGNED: 03/25/2023
		IS ALUMINU 950 solon ahachie, tx	RD.			LICENST 70
ELEVAT		5 450 CENTE STORE FROM ND DESIGN P	١T			No. 6251# *
DRAWN: V.L.		dwg no. 08	-01816		rev B	SONAL EN
^{SCALE} NTS	DATE 10	0/09/12	^{SHEET} 2	OF 6		
	400 S. PA	ROBERTO LOMA ALM AVE, INDIALAN 3-0609 rilomas@ir	ITIC, FL 329			Luis R. Lomas P.E. FL No.: 62514

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GE MANUFACTURER'S NAME	03/25/2023	R.L.

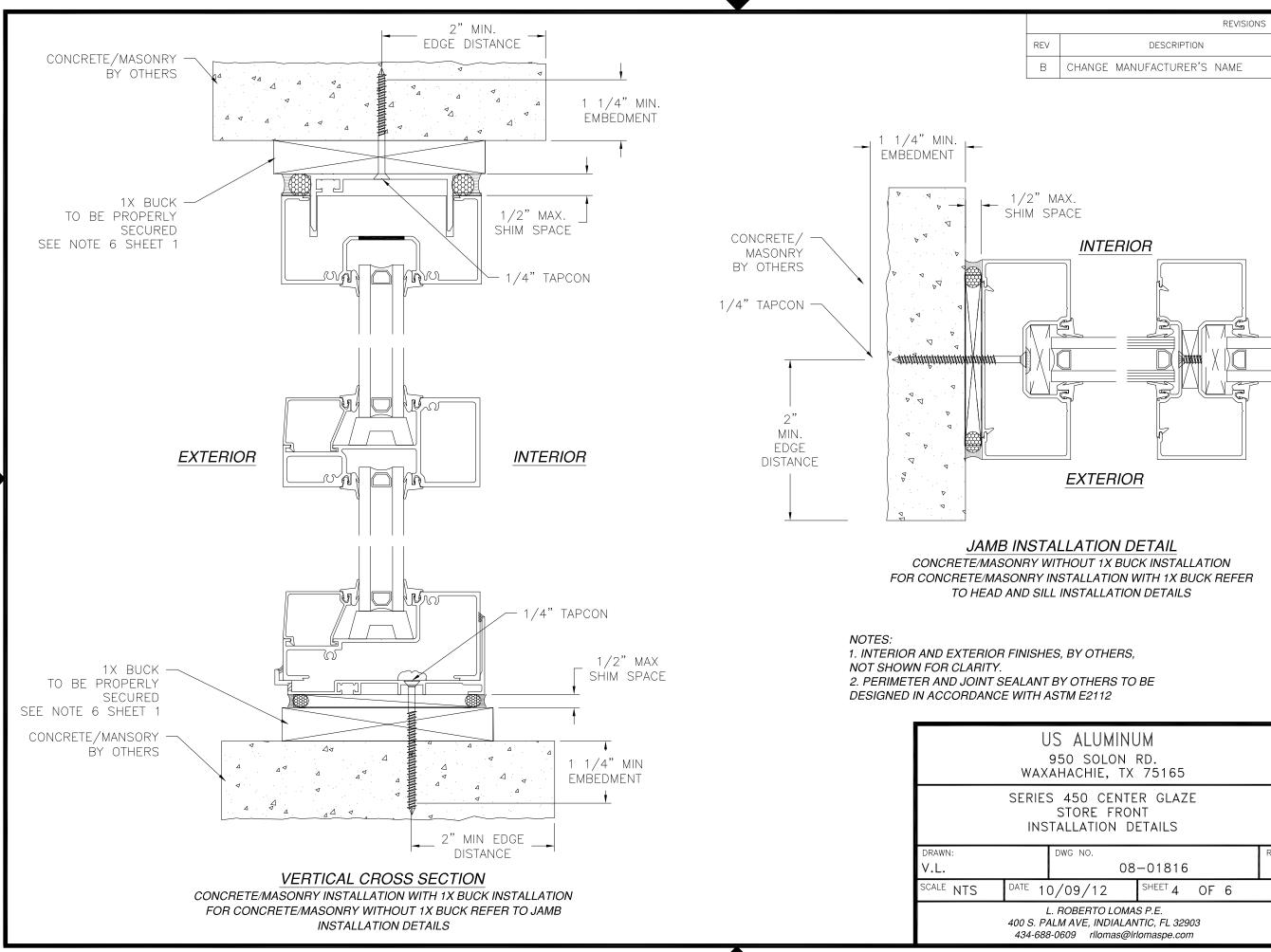
Maximum design pressure capacity chart (psf)

		-	-	<u> </u>					
Sing	Single Panel Width (in)								
42.	.00	48.00		54.	.00	60.	00	62.	00
Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0
53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0
53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0
53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0
53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0
53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0
53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0	53.3	60.0
53.3	60.0	53.3	60.0	53.3	57.4	53.3	56.0	53.3	55.7
53.3	56.4	52.5	52.5	49.8	49.8	48.0	48.0	47.6	47.6
50.5	50.5	46.6	46.6	43.9	43.9	42.0	42.0	41.5	41.5
15.7	45.7	42.0	42.0	39.3	39.3	37.3	37.3	36.8	36.8
11.7	41.7	38.2	38.2	35.5	35.5	33.6	33.6	33.1	33.1
38.4	38.4	35.0	35.0	32.4	32.4	30.5	30.5	30.0	30.0

SIGNED, 00/05/0000



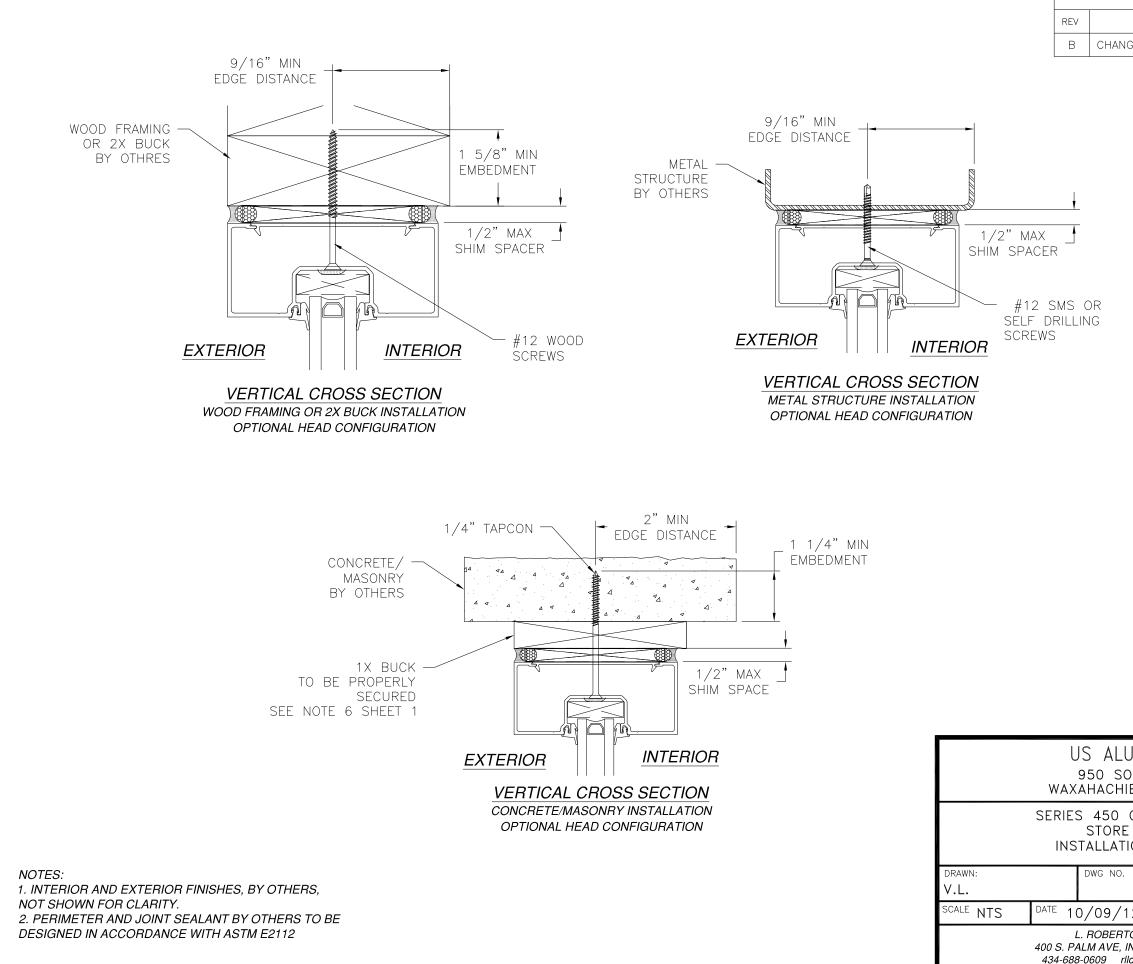
REVISIONS		
DESCRIPTION	DATE	APPROVED
GE MANUFACTURER'S NAME	03/25/2023	R.L.
I/2" MAX. SHIM SPACE	<u>RIOR</u>	
AMB INSTALLATION DETAIL METAL STRUCTURE INSTALLATION		
	INTERIOF	_
B INSTALLATION DETAIL RAMING OR 2X BUCK INSTALLATION	SIGNED: (03/25/2023
JMINUM dlon rd. e, tx 75165		LOMANS NS N
CENTER GLAZE FRONT ON DETAILS	No. 6	
08-01816 REV 2 SHEET 3 OF 6	SSION	
O LOMAS P.E. NDIALANTIC, FL 32903 omas@Irlomaspe.com	Luis R. Lo FL No.:	



REVISIONS		
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GE MANUFACTURER'S NAME	03/25/2023	R.L.

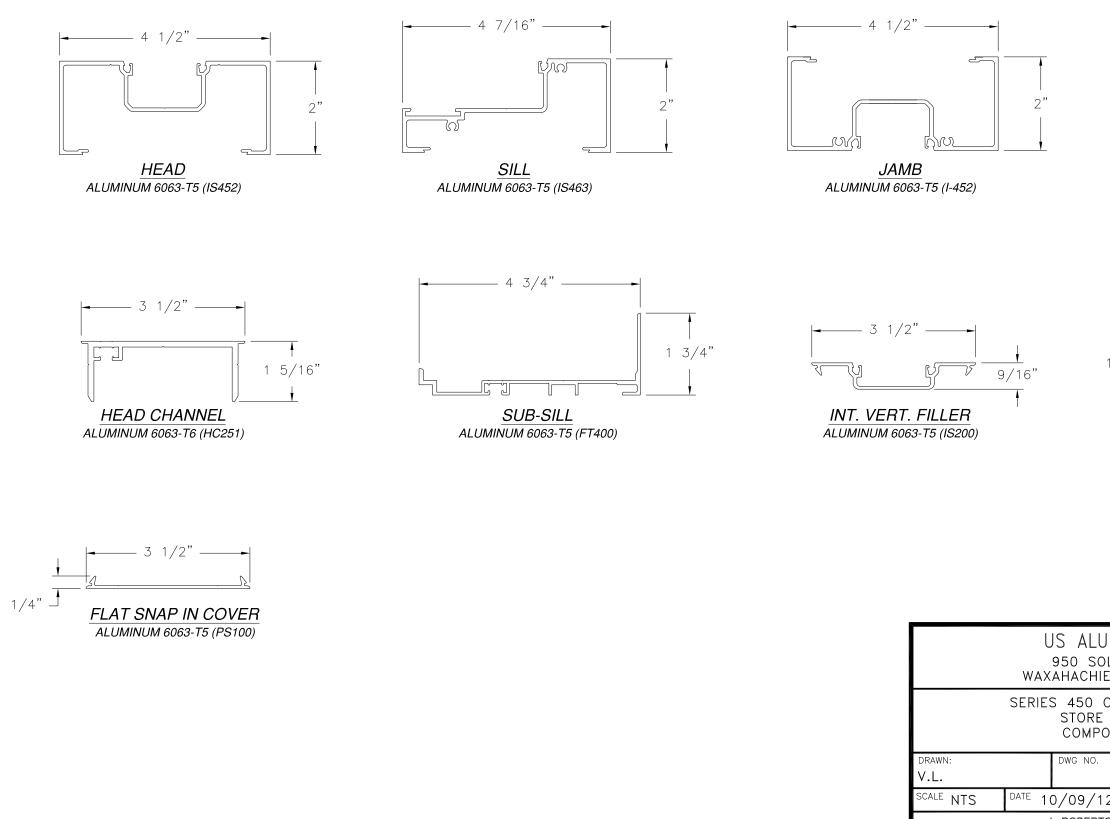
					SIGN	IED: 03/2		
JMINUM plon rd. e, tx 75	165				Innin .	S R. L	111111 0M1111 SK ST	
CENTER G FRONT ON DETAI		-			******	No. 625	of w	111111111
08-01				rev B	TITIS	SONAL	ENGINI	
2 SHEE	™ 4	OF	6			minin	1111.	
O LOMAS P.E. NDIALANTIC, I omas@Irlomas	FL 3290					R. Lom No.: 6		

SIGNED, 00/05/0000



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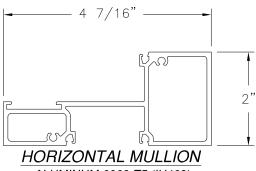
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DESCRIPTION		DATE	APPROVED	
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08-01816	rev B		RIDA	
12 SHEET 5 OF		IN ON	IL FILL	
TO LOMAS P.E. INDIALANTIC, FL 32903 Ilomas@Irlomaspe.com		Luis R. Lo FL No.:	omas P.E. 62514	
ionas@inomaspe.com				

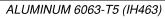


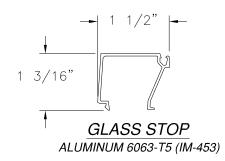
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L. ROBERTC 400 S. PALM AVE, IN 434-688-0609 rllo

REVISIONS		
DESCRIPTION	DATE	APPROVED
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08-01816 REV B	SONAL EN
2 ^{Sheet} 6 OF 6	
O LOMAS P.E. NDIALANTIC, FL 32903 Iomas@Irlomaspe.com	Luis R. Lomas P.E. FL No.: 62514

SIGNED: 03/25/2023