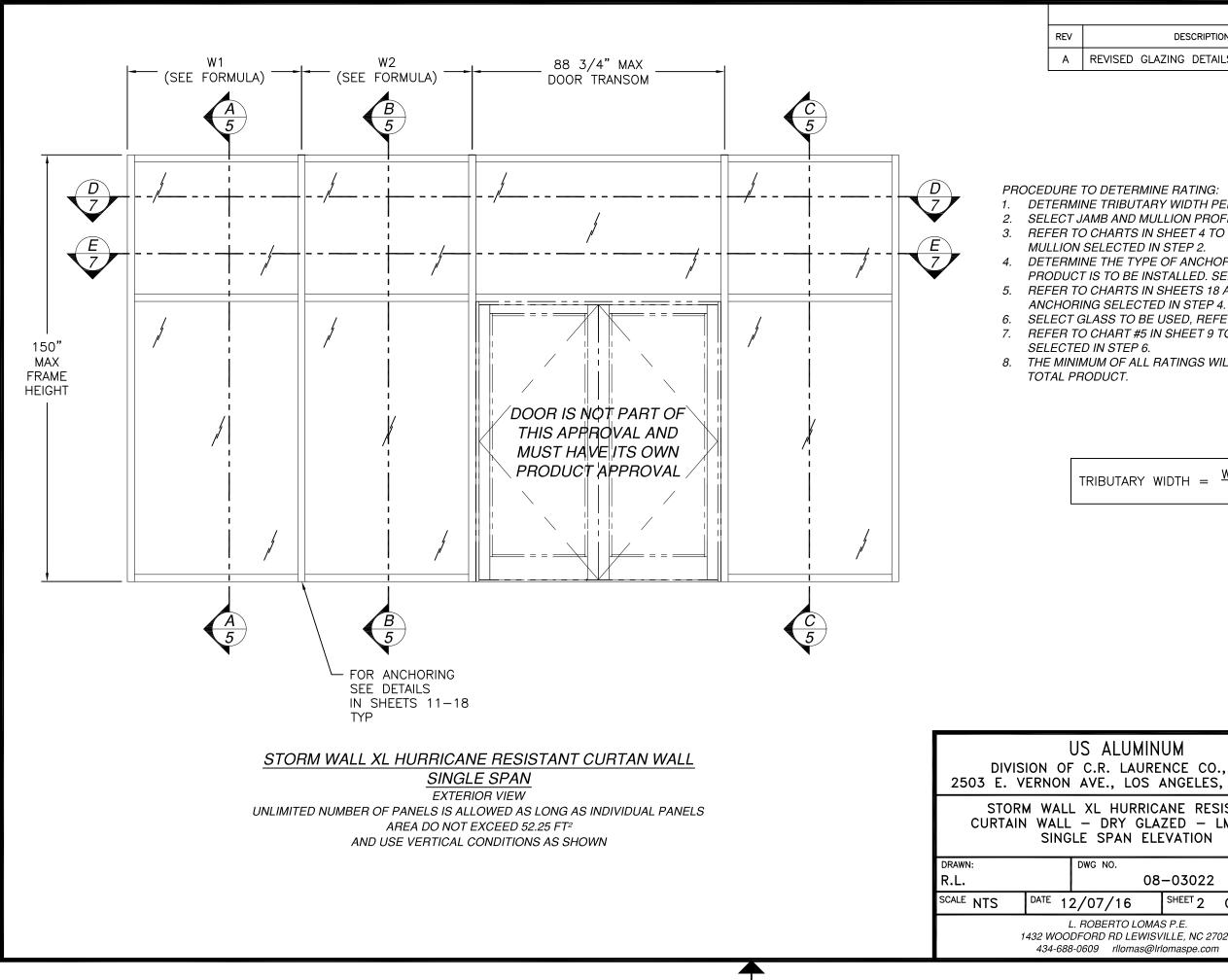
NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED ANI REQUIREMENTS OF THE FLORIDA BUILDING CODE
- 2. WOOD FRAMING AND MASONRY OPENING TO BE TRANSFER ALL LOADS TO STRUCTURE. FRAMING RESPONSIBILITY OF THE ARCHITECT OR ENGINEER
- 3. SHIM AS REQUIRED AT EACH ANCHOR LOCATION SPACE OF 1/16" OR GREATER OCCURS. MAXIM
- 4. SHIMS SHALL BE LOCATED, APPLIED AND MADE OF SUSTAINING APPLICABLE LOADS.
- 5. WIND LOAD DURATION FACTOR Cd=1.6 WAS USE
- 6. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-TE
- 7. UNITS MUST BE GLAZED PER ASTM E1300-04/
- 8. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT BORNE DEBRIS REGIONS WHEN INSTALLED AT 30
- 9. FOR ANCHORING INTO WOOD FRAMING OR 2X BU SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM ANCHORS AS SHOWN IN ELEVATIONS AND INSTAI
- 10. FOR ANCHORING INTO GROUT FILLED MASONRY WITH SUFFICIENT LENGTH TO ACHIEVE A 3 1/2 WITH 6" MINIMUM EDGE DISTANCE. LOCATE ANC INSTALLATION DETAILS.
- 11. FOR ANCHORING INTO METAL STRUCTURE USE 1 LOCATE ANCHORS AS SHOWN IN ELEVATIONS AN
- 12. ALL FASTENERS TO BE CORROSION RESISTANT.
- 13. INSTALLATION ANCHORS SHALL BE INSTALLED IN MANUFACTURER'S INSTALLATION INSTRUCTIONS AN SUBSTRATES WITH STRENGTHS LESS THAN THE
- A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
- B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH
- C. MASONRY: GROUT FILLED BLOCK PER ASTM CS
- D. METAL STRUCTURE: STEEL 1/4" THICK MINIMUL

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	А	REVISED GLAZING DETAILS	04/14/17	R.L.	
ND MANUFACTURED TO COMPLY WITH DE INCLUDING THE HVHZ.					
E DESIGNED AND ANCHORED TO PROPERLY					
G AND MASONRY OPENING IS THE TER OF RECORD.					
N WITH LOAD BEARING SHIM. SHIM WHERE					
MUM ALLOWABLE SHIM STACK TO BE 1/2".					
E FROM MATERIALS AND THICKNESS CAPABLE					
SED FOR WOOD ANCHOR CALCULATIONS. -T6.					
/09, SEE SHEET 9 FOR GLASS DETAILS.					
<u>T REQUIRED</u> FOR THIS PRODUCT IN WIND 30FT OR HIGHER ABOVE GROUND LEVEL.					
BUCK USE 1/2" LAG SCREWS WITH					
I EMBEDMENT INTO SUBSTRATE. LOCATE					
FALLATION DETAILS. 7 OR CONCRETE USE 1/2" WEDGE BOLTS					
2" MINIMUM EMBEDMENT INTO SUBSTRATE					
ICHORS AS SHOWN IN ELEVATIONS AND					
1/2–13 SMS WITH LOCKWASHER AND NUT.					
IN ACCORDANCE WITH ANCHOR AND ANCHORS SHALL NOT BE USED IN E MINIMUM STRENGTH SPECIFIED BELOW: 2 1 OF 2,000 PSI. C90 WITH Fm=2,000PSI MINIMUM. UM FY=33KSI/FU=52KSI					
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	11	S ALUMINUM		11/1/	
DIVI		C.R. LAURENCE CO., INC.	11115 R	10M111	
TABLE OF CONTENTS 2503 E.	VERNON	AVE., LOS ANGELES, CA 90058	1.10	ENSTO	
		XL HURRICANE RESISTANT	=*: No.	62514 *=	
1 NOTES CORTAI	N WALL	 DRY GLAZED – LMI HVHZ NOTES 	ER STA	TE OF	
2 – 4 ELEVATIONS AND RATING CHARTS DRAWN:	[[WG NO.	====	RIDA	
5 – 8 CROSS SECTIONS R.L.		08-03022 A		AL ENGILI	
9 GLAZING DETAILS SCALE NTS	DATE 12,	/07/16 SHEET 1 OF 23			
10 – 20 INSTALLATION DETAILS		ROBERTO LOMAS P.E. FORD RD LEWISVILLE, NC 27023		omas P.E.	
21 – 23 COMPONENTS		609 rllomas@lrlomaspe.com	FL No.	: 62514	

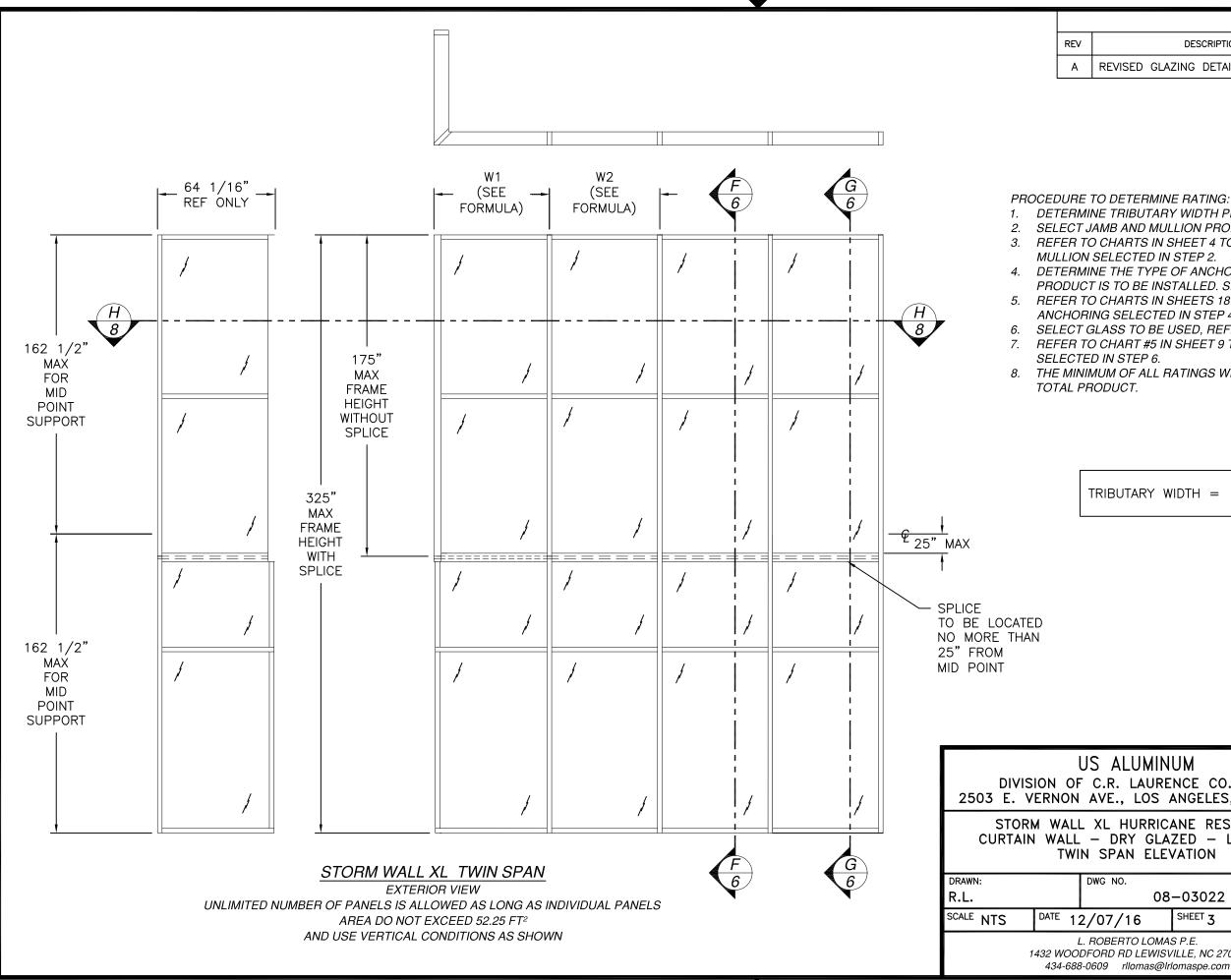


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ED GLAZING DETAILS	04/14/17	R.L.

1. DETERMINE TRIBUTARY WIDTH PER FORMULA BELOW 2. SELECT JAMB AND MULLION PROFILES TO BE USED FROM SHEET 7. REFER TO CHARTS IN SHEET 4 TO DETERMINE RATINGS FOR JAMB AND DETERMINE THE TYPE OF ANCHOR CLIP AND SUBSTRATE WHERE PRODUCT IS TO BE INSTALLED. SEE SHEETS 10 - 17 5. REFER TO CHARTS IN SHEETS 18 AND 19 TO DETERMINE RATING OF SELECT GLASS TO BE USED, REFER TO SHEET 9 REFER TO CHART #5 IN SHEET 9 TO DETERMINE RATING OF GLASS THE MINIMUM OF ALL RATINGS WILL DETERMINE THE RATING OF THE

TRIBUTARY WIDTH = $\frac{W1 + W2}{2}$

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UMINUM laurence co., inc. los angeles, ca 90058	LICENST 70
URRICANE RESISTANT Y GLAZED LMI HVHZ AN ELEVATION	No. 6251# *
08-03022 A	SONAL EN
6 ^{SHEET} 2 OF 23	
TO LOMAS P.E. D LEWISVILLE, NC 27023 Iomas@Irlomaspe.com	Luis R. Lomas P.E. FL No.: 62514



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DESCRIPTION	DATE	APPROVED
ED GLAZING DETAILS	04/14/17	R.L.

DETERMINE TRIBUTARY WIDTH PER FORMULA BELOW SELECT JAMB AND MULLION PROFILES TO BE USED FROM SHEET 7. REFER TO CHARTS IN SHEET 4 TO DETERMINE RATINGS FOR JAMB AND DETERMINE THE TYPE OF ANCHOR CLIP AND SUBSTRATE WHERE PRODUCT IS TO BE INSTALLED. SEE SHEETS 10 - 17 REFER TO CHARTS IN SHEETS 18 AND 19 TO DETERMINE RATING OF ANCHORING SELECTED IN STEP 4. SELECT GLASS TO BE USED, REFER TO SHEET 9 REFER TO CHART #5 IN SHEET 9 TO DETERMINE RATING OF GLASS THE MINIMUM OF ALL RATINGS WILL DETERMINE THE RATING OF THE

TRIBUTARY WIDTH = $\frac{W1 + W2}{2}$

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URRICANE RESISTANT Y GLAZED – LMI HVHZ N ELEVATION	No. 6251# *
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6 SHEET 3 OF 23	
O LOMAS P.E. D LEWISVILLE, NC 27023 Iomas@Irlomaspe.com	Luis R. Lomas P.E. FL No.: 62514

Chart #1 Design pressure for Mullion "A", "B" and "C" (psf) Design pressure for Jamb "B" and "C" (psf)

Frame	e Design pressures are positive and negative									
Height	Tributary Width (in)									
(in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	
60.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
66.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
72.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
78.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
84.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
90.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
96.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
102.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
108.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
114.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
120.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
126.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.4	
132.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.3	
138.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.2	63.4	
144.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.3	60.8	
150.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	63.6	58.3	
		L	ARGE M	ISSILE IN	ЛРАСТ А	ND HVHZ	2			

Chart #2
Design pressure for Mullion "D" (psf)
Design pressure for Jamb "A" (psf)

Frame		Design pressures are positive and negative									
Height	Tributary Width (in)										
(in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0		
60.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0		
66.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0		
72.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	60.2		
78.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	60.6	55.6		
84.0	65.0	65.0	65.0	65.0	65.0	65.0	61.9	56.3	51.6		
90.0	65.0	65.0	65.0	65.0	65.0	64.2	57.8	52.5	48.2		
96.0	65.0	65.0	65.0	65.0	65.0	60.2	54.2	49.3	45.1		
102.0	65.0	65.0	65.0	65.0	63.7	56.7	51.0	46.4	42.5		
108.0	65.0	65.0	65.0	65.0	57.4	51.1	46.0	41.8	38.3		
114.0	65.0	65.0	65.0	55.8	48.8	43.4	39.1	35.5	32.6		
120.0	65.0	65.0	55.8	47.9	41.9	37.2	33.5	30.5	27.9		
		L	ARGEM	ISSILE II	<i>И РАСТ А</i>	ND HVH2	Z				

Chart #3 Design pressure for Mullion "A", "B" and "G" (psf) Design pressure for Jamb "C" and Corner (psf)

Frame	Design pressures are positive and negative										
Height		Tributary Width (in)									
(in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0		
60.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
66.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
72.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
78.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
84.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
90.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
96.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
102.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
108.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
114.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
120.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
126.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.4		
132.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.3		
138.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	69.2	63.4		
144.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.3	60.8		
150.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	63.6	58.3		
156.0	70.0	70.0	70.0	70.0	70.0	69.1	62.2	56.6	51.9		
162.0	70.0	70.0	70.0	70.0	69.5	61.7	55.6	50.5	46.3		
168.0	70.0	70.0	70.0	70.0	62.3	55.4	49.8	45.3	41.5		
174.0	70.0	70.0	70.0	64.1	56.1	49.8	44.8	40.8	37.4		
175.0	70.0	70.0	70.0	63.0	55.1	49.0	44.1	40.1	36.7		
		L	ARGE M	ISSILE IN	ИРАСТ А	ND HVHZ	2				

FULL LENGTH WITHOUT SPLICE

Chart #4 Design pressure for Mullion "A", "B" and "G" with splice (psf) Design pressure for Jamb "C" and Corner with splice (psf)

Frame	Design pressures are positive and negative										
Height				Tribu	tary Wida	th (in)					
(in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0		
210.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
216.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
222.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
228.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
234.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
240.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
246.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
252.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
258.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
264.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
270.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0		
276.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.7		
282.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	67.2		
288.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	65.8		
294.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	64.5		
300.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.9	63.2		
306.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	67.6	62.0		
312.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.3	60.8		
318.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	65.0	59.6		
324.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	63.8	58.5		
325.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	63.6	58.3		

LARGE MISSILE IM PACT AND HVHZ

FULL LENGTH WITH SUPPORT AT MIDDLE POINT AND SPLICE

DISTANCE BETWEEN SPLICE AND MID POINT MUST NOT EXCEED 25"

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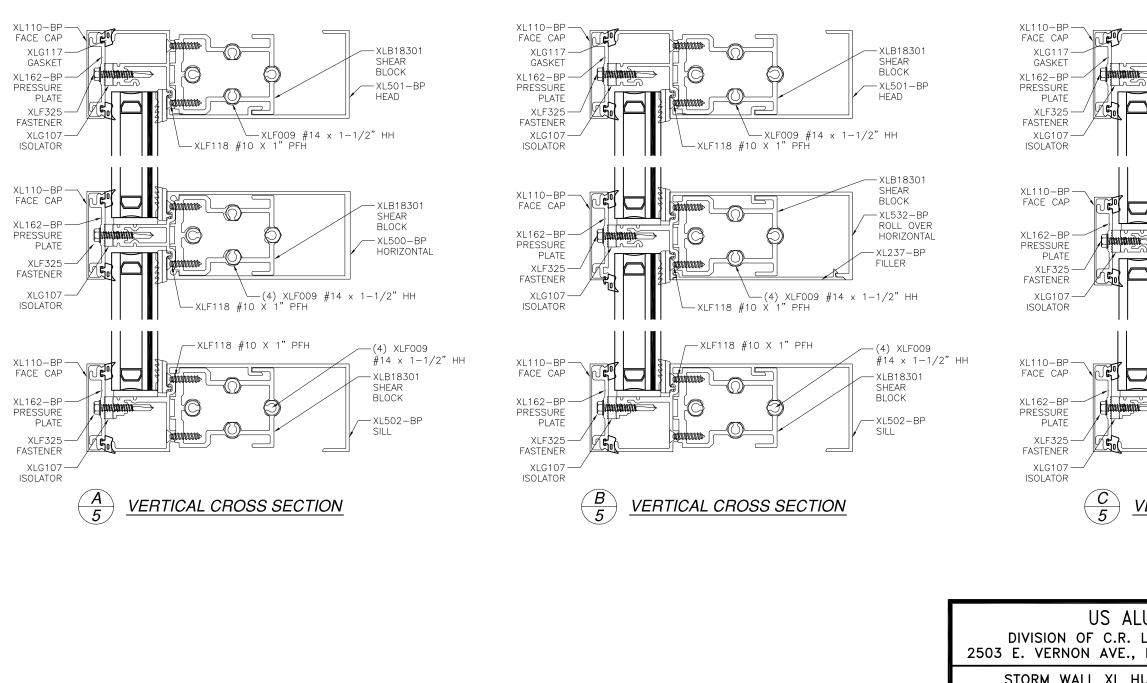
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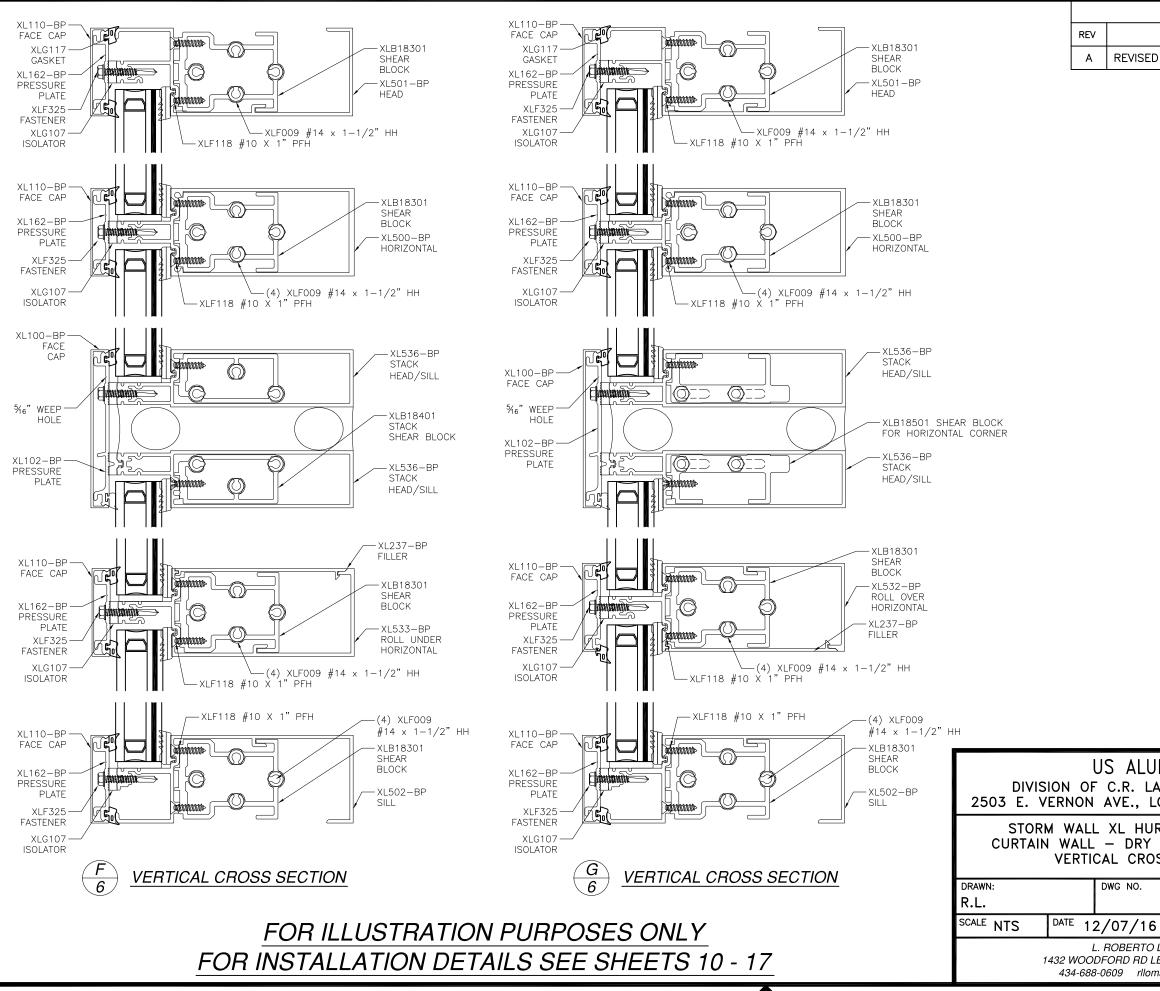
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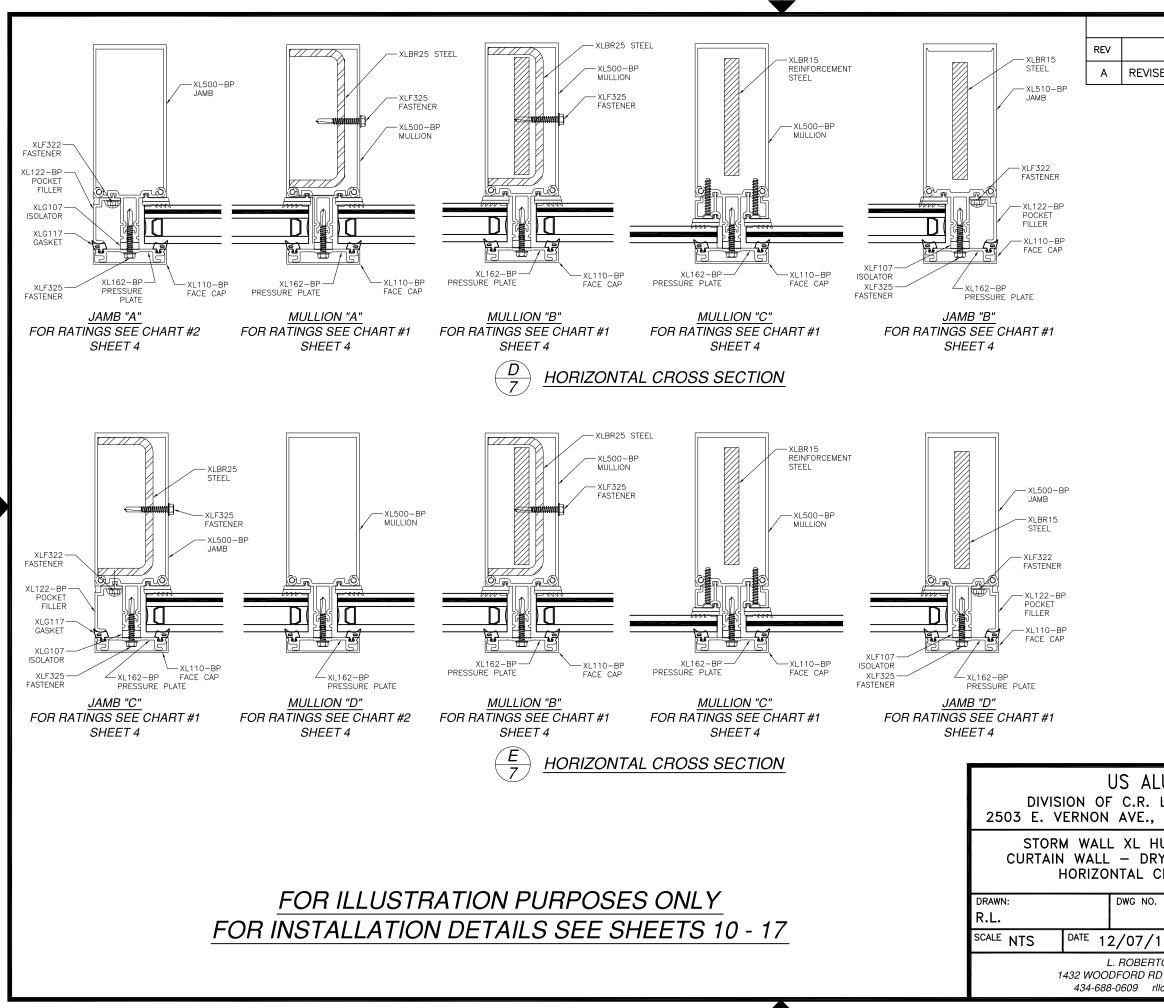
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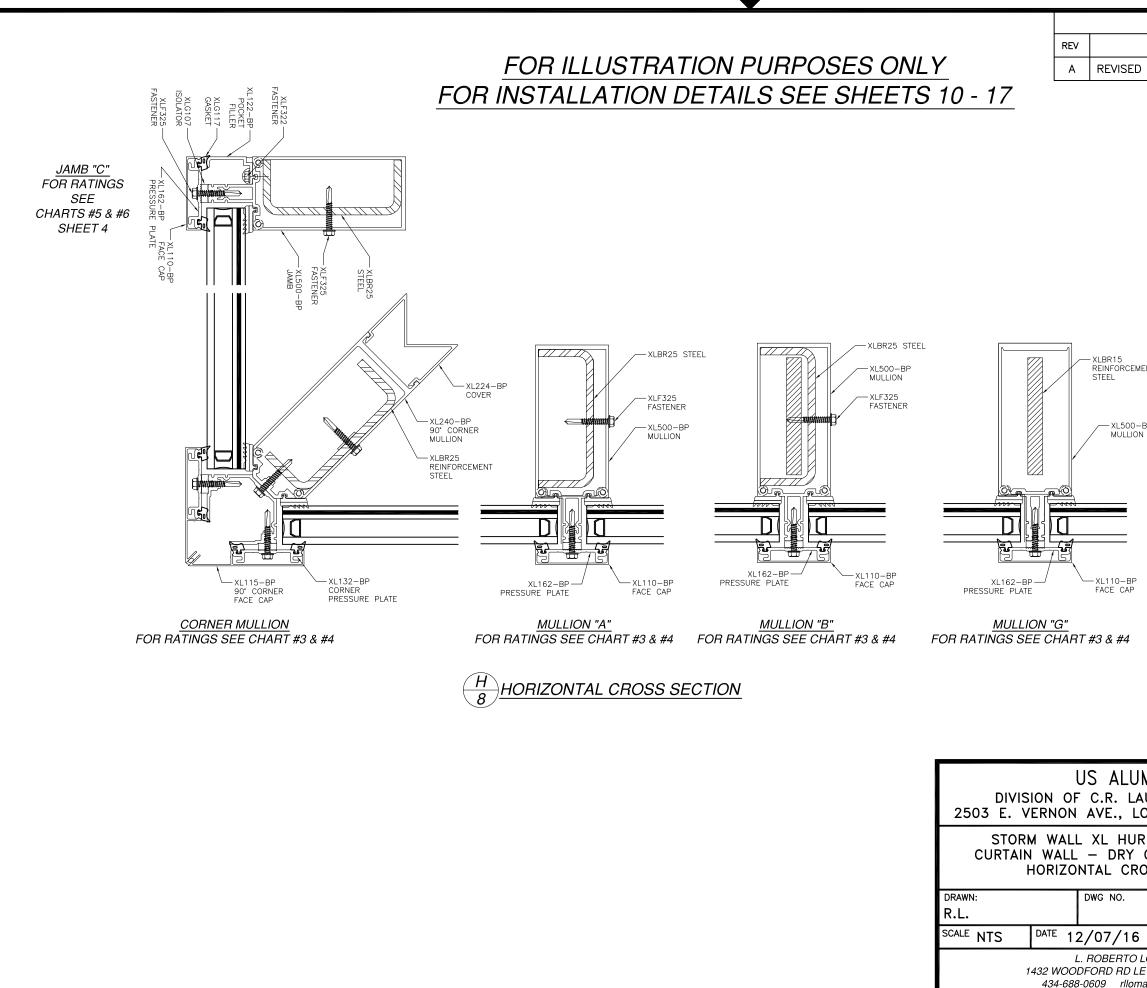
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XL110-BI FACE CAI PRESSURI PLATI XLF32 FASTENEF XLG10 ISOLATOF		XLF118 #10 X 1" PFH	XLB18301 SHEAR BLOCK XL533-BP ROLL UNDEF HORIZONTAL	
HH XL110-BF FACE CAF XL162-BF PRESSURE PLATE XLF325 FASTENEF XLG107 ISOLATOF		VERTICAL CROSS SECTION	(4) XLF009 #14 x 1-1/ XLB18301 SHEAR BLOCK XL502-BP SILL	/2" нн
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1432	L. I WOODF	/07/16 SHEET 5 OF 23 ROBERTO LOMAS P.E. FORD RD LEWISVILLE, NC 27023 609 rllomas@lrlomaspe.com		omas P.E. 62514



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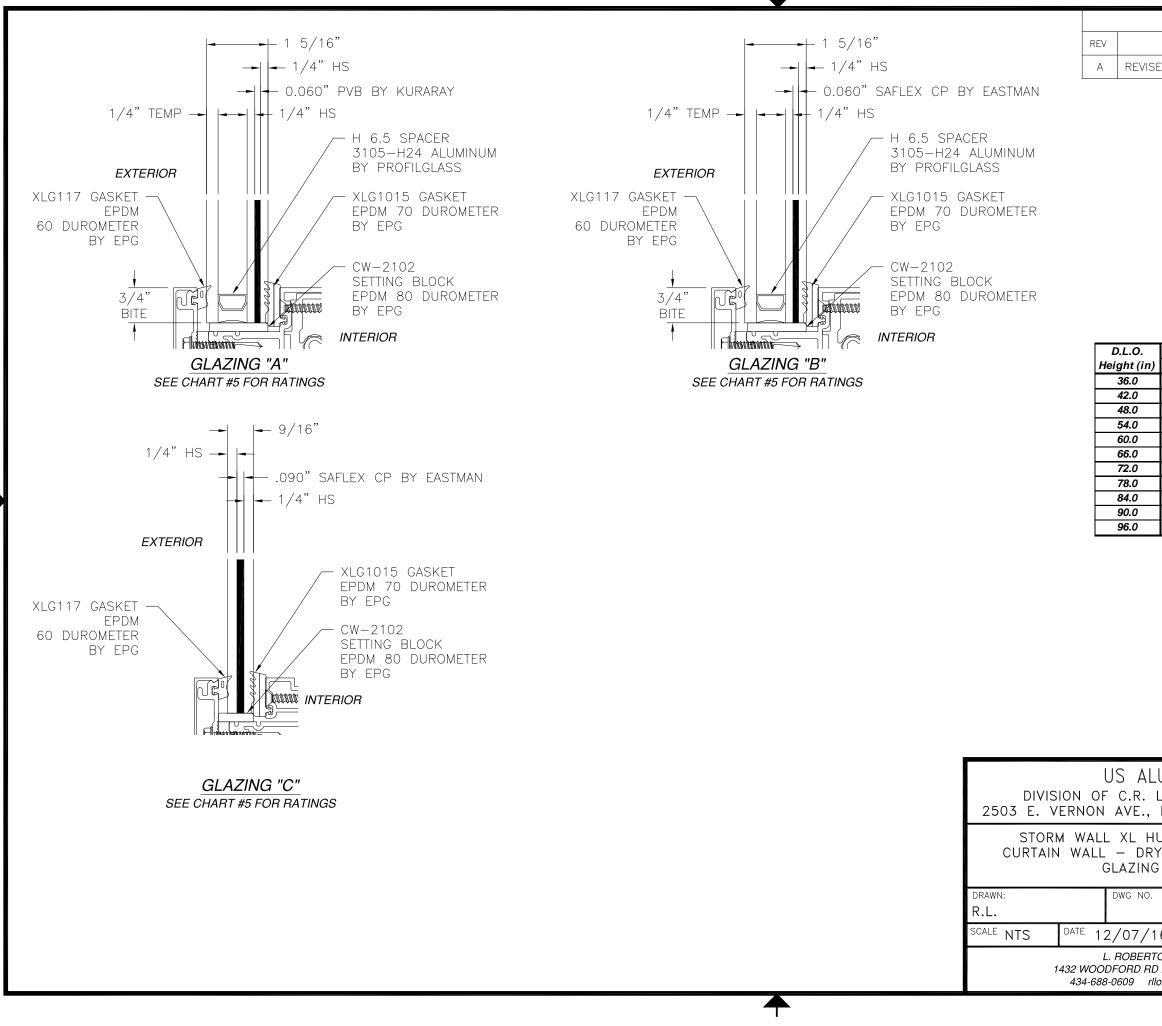


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	LUIS K. LO	omas P.E.
D LEWISVILLE, NC 27023 Iomas@Irlomaspe.com	FL No.:	62514



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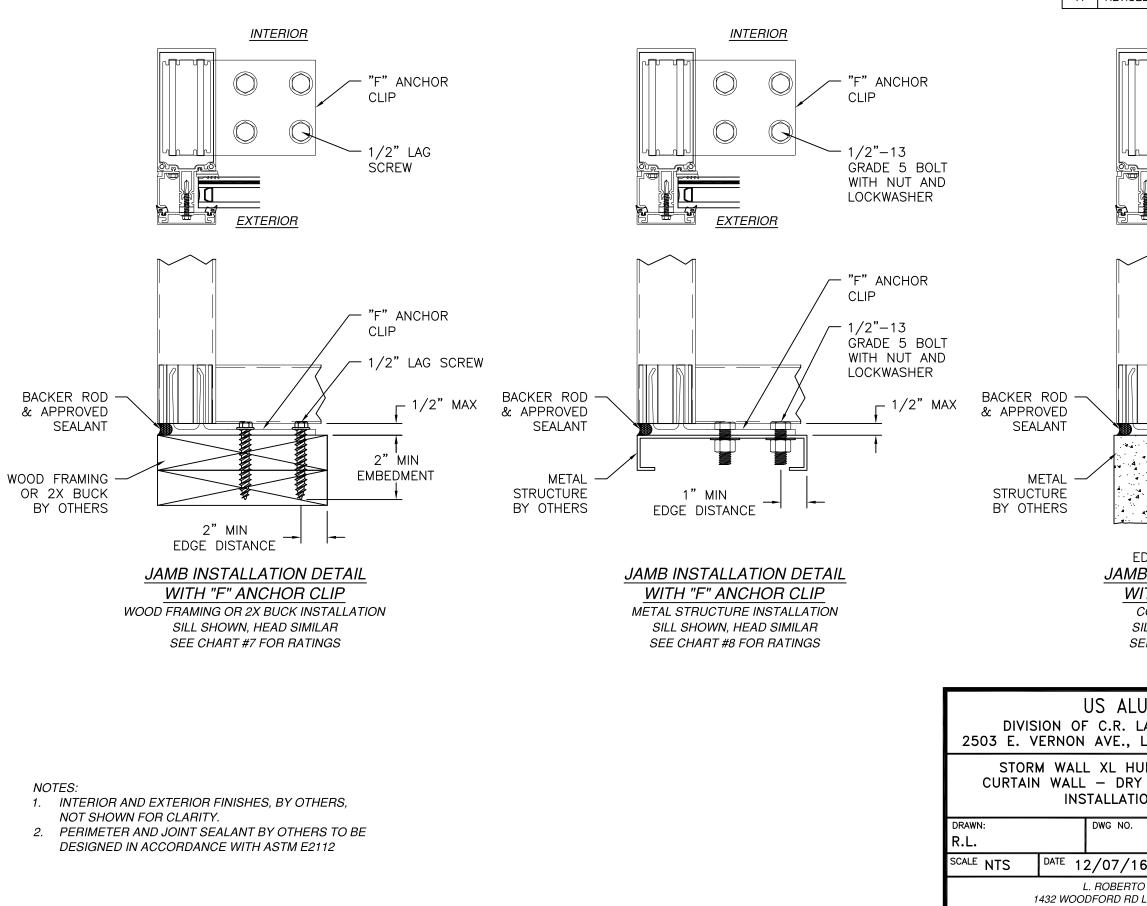
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DESCRIPTION	DATE	APPROVED
ED GLAZING DETAILS	04/14/17	R.L.

Chart #5 Design pressure per glass "A", "B", & "C" (psf)

	D.L.O. width (in)								
21.5	27.5	33.5	39.5	45.5	51.5	57.5	63.5	69.5	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.2	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	67.6	61.8	
70.0	70.0	70.0	70.0	70.0	70.0	70.0	63.4	57.9	

	SIGNED: 04/17/2017
UMINUM laurence co., inc. los angeles, ca 90058	LICENST -
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08-03022 A	SONAL EN
6 ^{Sheet} 9 OF 23	
O LOMAS P.E. D LEWISVILLE, NC 27023 Jomas@Irlomaspe.com	Luis R. Lomas P.E. FL No.: 62514

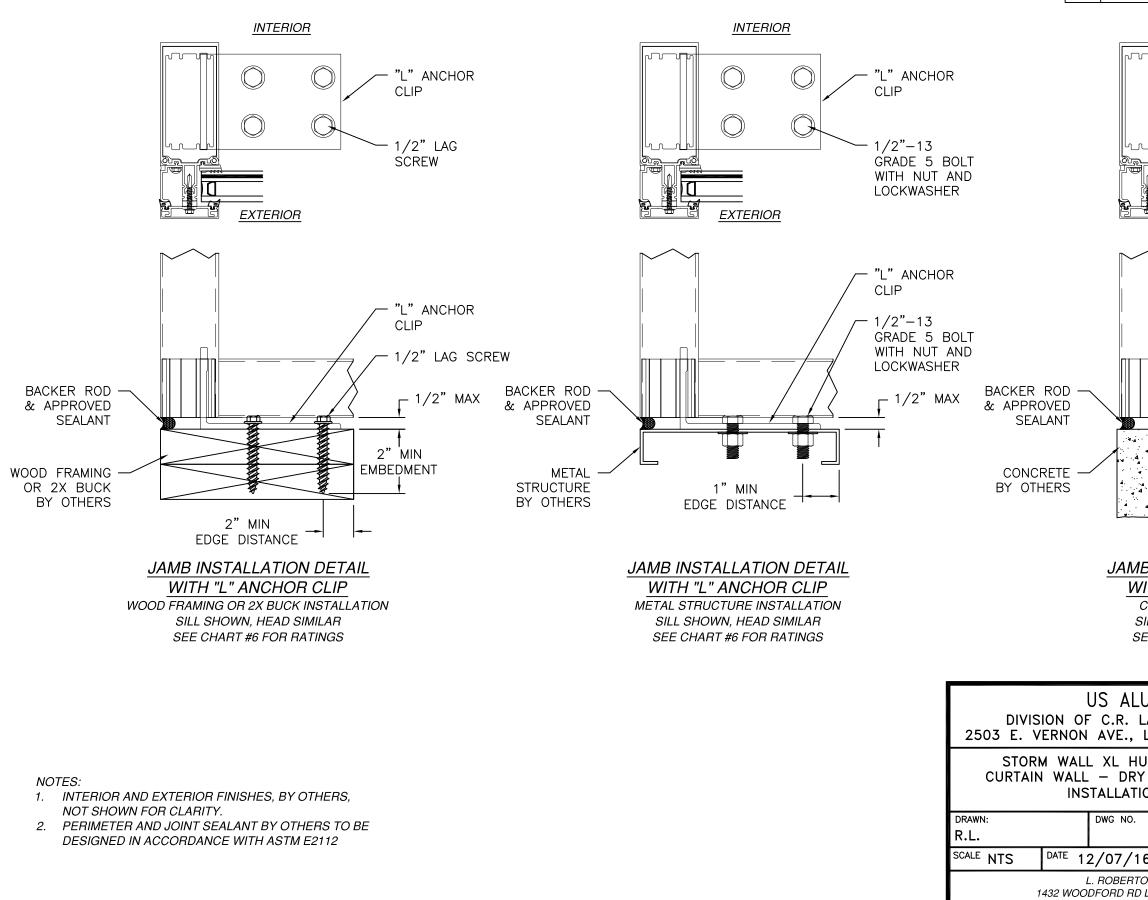




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REVISIONS		
DESCRIPTION	DATE	APPROVED
ED GLAZING DETAILS	04/14/17	R.L.
INTERIOR		
"F" CLIF	ANCHOR	
	"WEDGE T	
~ 1		
"F" CLIF	ANCHOR	
- 1/2 BOL	"WEDGE T ↓ ^{1/2" MAX}	¢ .
	2" MIN DMENT	
6" MIN EDGE DISTANCE B INSTALLATION DETAIL		
ITH "F" ANCHOR CLIP CONCRETE INSTALLATION BILL SHOWN, HEAD SIMILAR EE CHART #8 FOR RATINGS		
	SIGNED: (04/17/2017
UMINUM laurence co., inc. los angeles, ca 90058		LOMIII NS: 75'
URRICANE RESISTANT Y GLAZED – LMI HVHZ ION DETAILS	No. 4	2514 *===
08-03022 REV 6 SHEET 10 OF 23	SION	AL ENGINI
O LOMAS P.E. D LEWISVILLE, NC 27023 omas@Irlomaspe.com	Luis R. Lo FL No.:	omas P.E. 62514



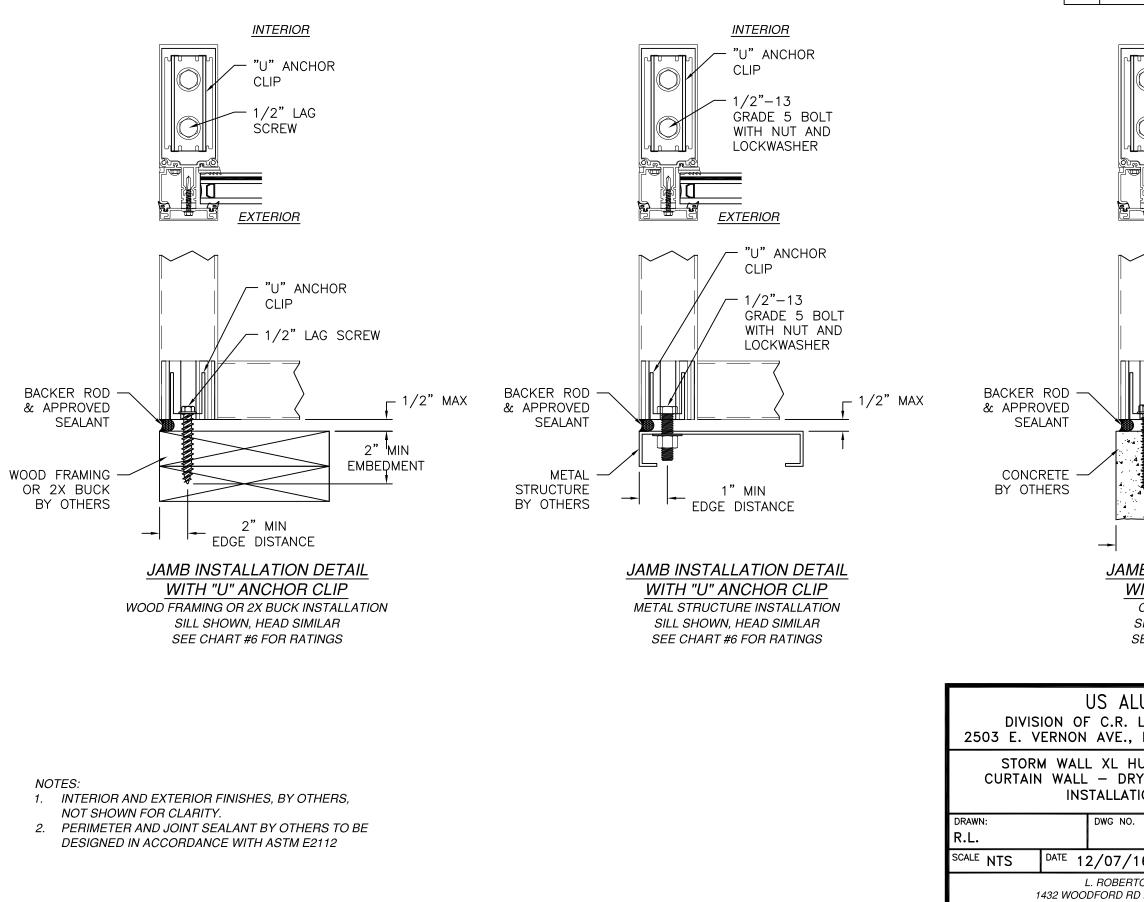


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434-688-0609 rlloi

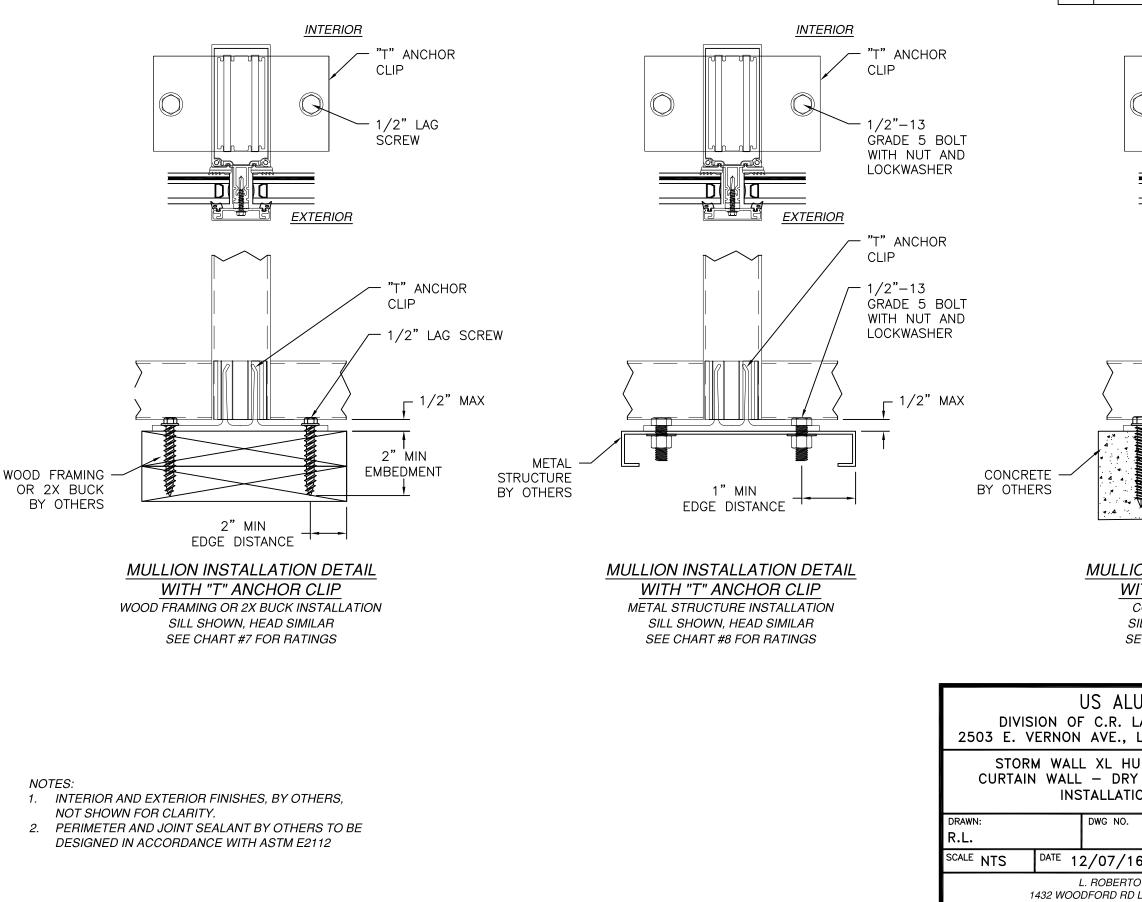
REVISIONS		
DESCRIPTION	DATE	APPROVED
ED GLAZING DETAILS	04/14/17	R.L.
INTERIOR		
	"L" ANCHOR CLIP	
	1/2"WEDGE BOLT	
3	"L" ANCHOR CLIP 1/2" WEDGE BOLT 1/2" I 1/2" MIN MBEDMENT	MAX
	SIGNED: (04/17/2017
UMINUM laurence co., inc. los angeles, ca 90058		NSTST
URRICANE RESISTANT Y GLAZED – LMI HVHZ ION DETAILS	No. 4	2514 *
08-03022 A 6 SHEET 11 OF 23	SION	AL ENGINII
O LOMAS P.E. D LEWISVILLE, NC 27023 omas@Irlomaspe.com		omas P.E. 62514





432 WOODFORD RD 434-688-0609 rllo

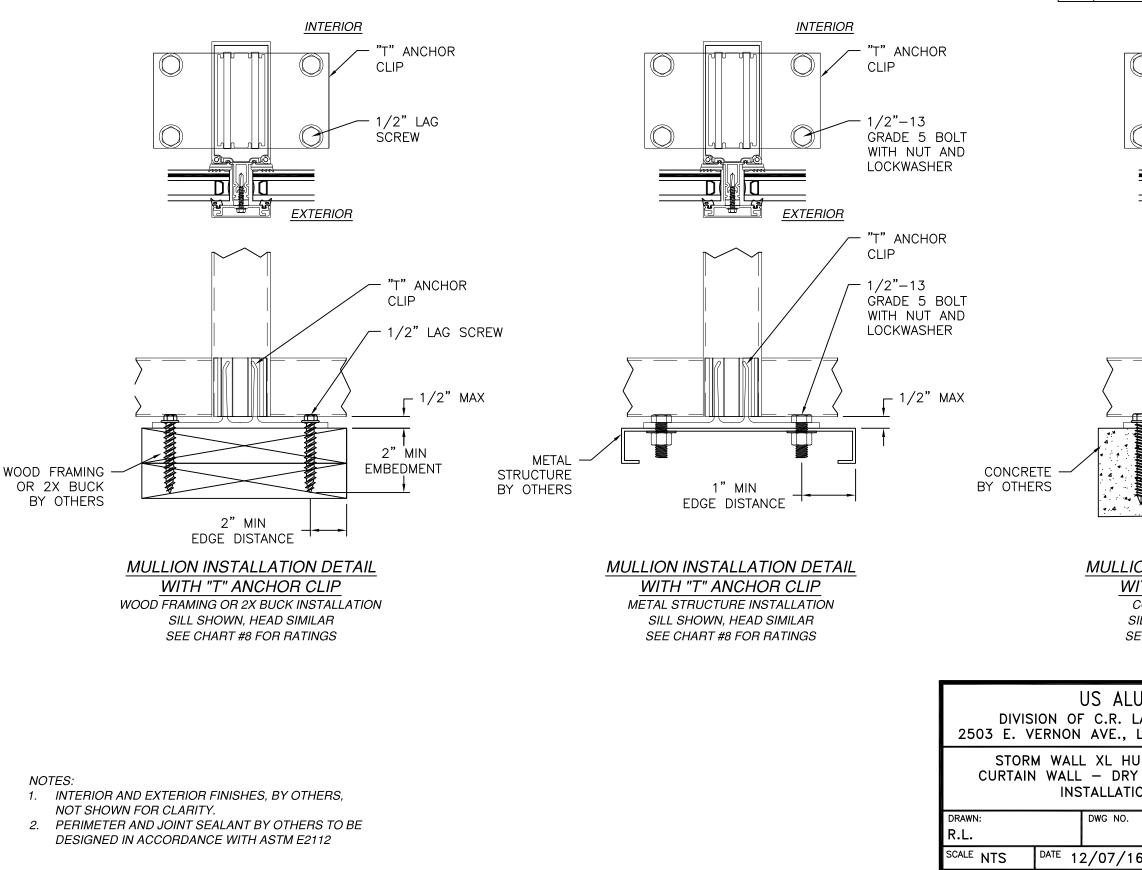
REVISIONS		
DESCRIPTION	DATE	APPROVED
ED GLAZING DETAILS	04/14/17	R.L.
INTERIOR "U" ANCHOR CLIP 1/2" WEDGE BOLT EXTERIOR		
"U" ANCHOR CLIP 1/2" WEDGE BOLT 3 1/2" EMBEDI 3 1/2" EMBEDI 6" MIN EDGE DISTANCE B INSTALLATION DETAIL TITH "U" ANCHOR CLIP CONCRETE INSTALLATION SILL SHOWN, HEAD SIMILAR EEE CHART #6 FOR RATINGS		
	SIGNED: (04/17/2017
UMINUM LAURENCE CO., INC. LOS ANGELES, CA 90058 URRICANE RESISTANT Y GLAZED – LMI HVHZ ION DETAILS 08–03022 A 6 SHEET 12 OF 23 O LOMAS P.E. D LEWISVILLE, NC 27023 omas@Irlomaspe.com		LON NST 70111 E OF RIDA OF AL ENGINI MAL ENGINI MAL ENGINI MAL ENGINI



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		REVISIONS		
	REV	DESCRIPTION	DATE	APPROVED
	A	REVISED GLAZING DETAILS	04/14/17	R.L.
			"T" ANCHOR CLIP 1/2" WEDGE BOLT	
TE		6" MIN EDGE DISTANCE MULLION INSTALLATION DETAIL WITH "T" ANCHOR CLIP CONCRETE INSTALLATION SILL SHOWN, HEAD SIMILAR SEE CHART #8 FOR RATINGS	"T" ANCHOR CLIP 1/2" WEDGE BOLT 1/ 1/ 3 1/2" MI EMBEDMEN	2" MAX N
		IS ALUMINUM c.r. laurence co., inc.	SIGNED: (04/17/2017
	ION VALL ALL	AVE., LOS ANGELES, CA 90058 XL HURRICANE RESISTANT – DRY GLAZED – LMI HVHZ TALLATION DETAILS	No. (N S N S S S S S S S S S S S S S S S S S
DATE	E 12	DWG NO. 08-03022 /07/16 SHEET 13 OF 23	SSION	AL ENGINI
	L. WOOD	ROBERTO LOMAS P.E. FORD RD LEWISVILLE, NC 27023 0609 rilomas@irlomaspe.com		omas P.E. 62514



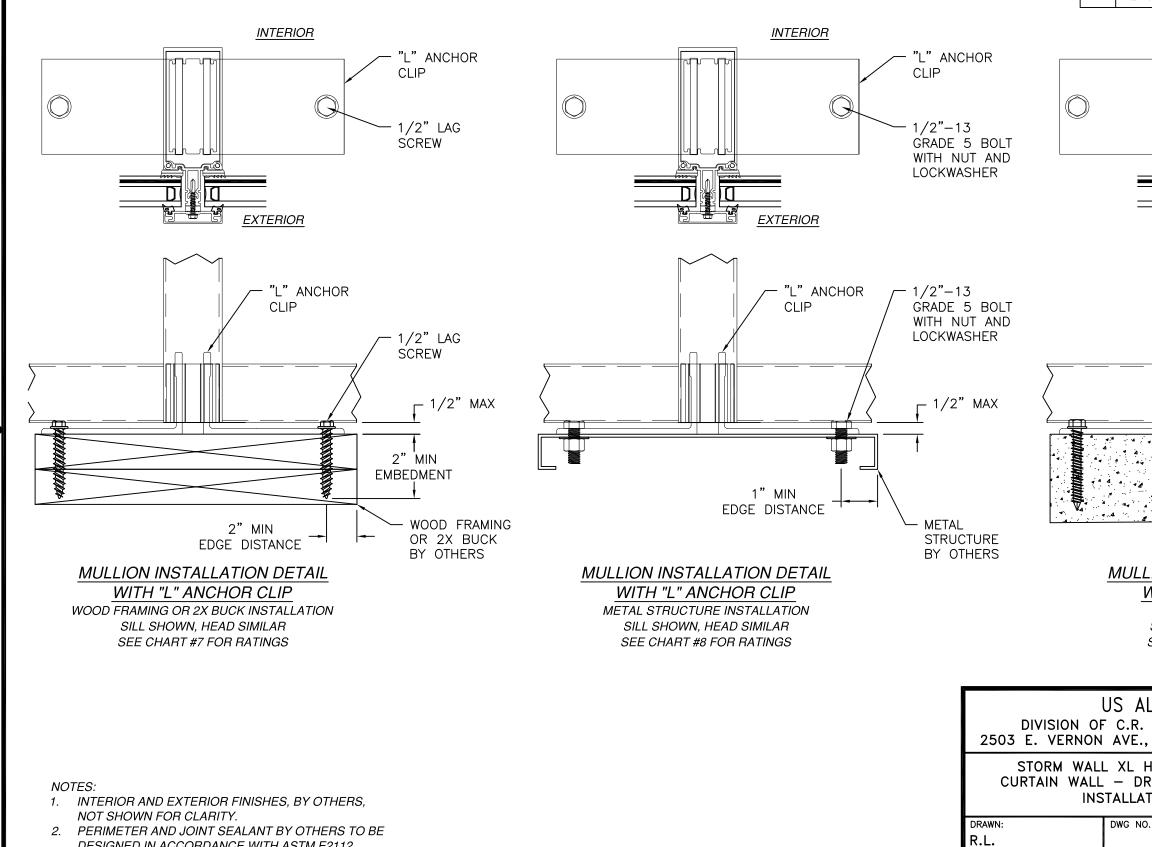


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L. ROBERTO 1432 WOODFORD RD L 434-688-0609 rllor

REVISIONS		
DESCRIPTION	DATE	APPROVED
ED GLAZING DETAILS	04/14/17	R.L.
	"T" ANCHOR CLIP 1/2" WEDGE BOLT	
	"T" ANCHOR CLIP 1/2" WEDGE BOLT 1/1 1/1 1/1 3 1/2" MII EMBEDMEN	
	SIGNED: (04/17/2017
UMINUM LAURENCE CO., INC. LOS ANGELES, CA 90058 URRICANE RESISTANT Y GLAZED – LMI HVHZ ON DETAILS 08–03022 A 6 SHEET 14 OF 23 O LOMAS P.E. D LEWISVILLE, NC 27023 omas@Irlomaspe.com		LOM Non P.E. 62514 E OF HIDA CHAIN AL ENGINI

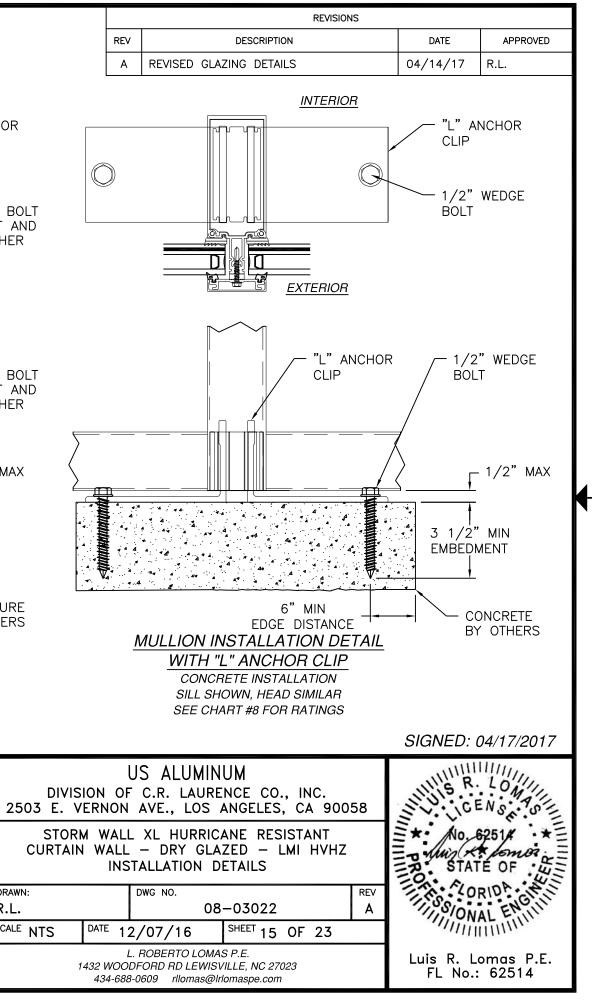


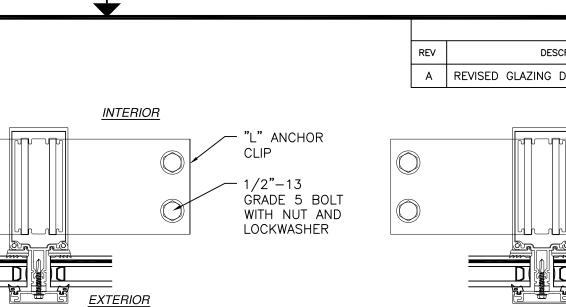


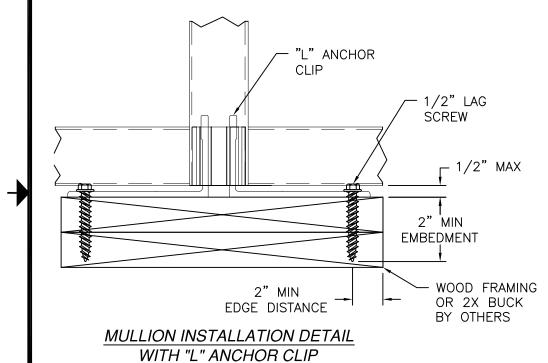
DESIGNED IN ACCORDANCE WITH ASTM E2112

DATE 12/07/16 L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023

SCALE NTS







Dr.

<u>_rd</u>

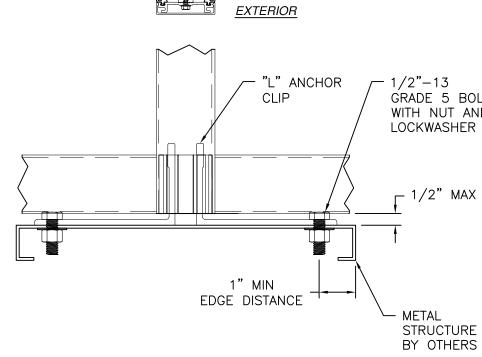
INTERIOR

EXTERIOR

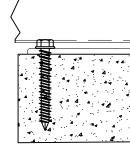
"L" ANCHOR

1/2" LAG ŚCREW

CLIP



MULL MET



			REVISIONS			
	R	REV DESCRIPTION			APPROVED	
		A REVISED GLAZING	DETAILS	04/14/17	R.L.	
INTERIOR "L" ANCH CLIP 1/2"-13 GRADE 5 WITH NUT LOCKWAS	BOLT T AND			CLIP	NCHOR WEDGE	
<i>UON INSTALLATION DETAIL WITH "L" ANCHOR CLIP <i>WITH "L" ANCHOR CLIP</i> <i>WITH "L" ANCHOR CLIP</i> <i>ETAL STRUCTURE INSTALLATION SILL SHOWN, HEAD SIMILAR SEE CHART #8 FOR RATINGS</i></i>	BOLT T AND HER MAX	WITH "L" A CONCRETE SILL SHOWN	6" MIN EDGE DISTANCE ALLATION DETAIL NCHOR CLIP INSTALLATION I, HEAD SIMILAR #8 FOR RATINGS	BOL BOL 3 1/2' EMBEDI	- 1/2" MAX	
				SIGNED:	04/17/2017	
	2503 E. VERNO STORM WA CURTAIN WAL IN DRAWN: R.L. SCALE NTS DATE 1432 WO	US ALUMINUM OF C.R. LAURENCE N AVE., LOS ANG LL XL HURRICANE L – DRY GLAZED STALLATION DETA DWG NO. 08–03 12/07/16 L. ROBERTO LOMAS P.E ODFORD RD LEWISVILLE, 88-0609 rilomas@iriomas	CO., INC. ELES, CA 90058 RESISTANT – LMI HVHZ ILS REV A FT 16 OF 23	Luis R. L FL No.	ENSTORE 62514 TE OF RIDA AL ENGINI MAL ENGINI MAL ENGINI MAL ENGINI	

NOTES:

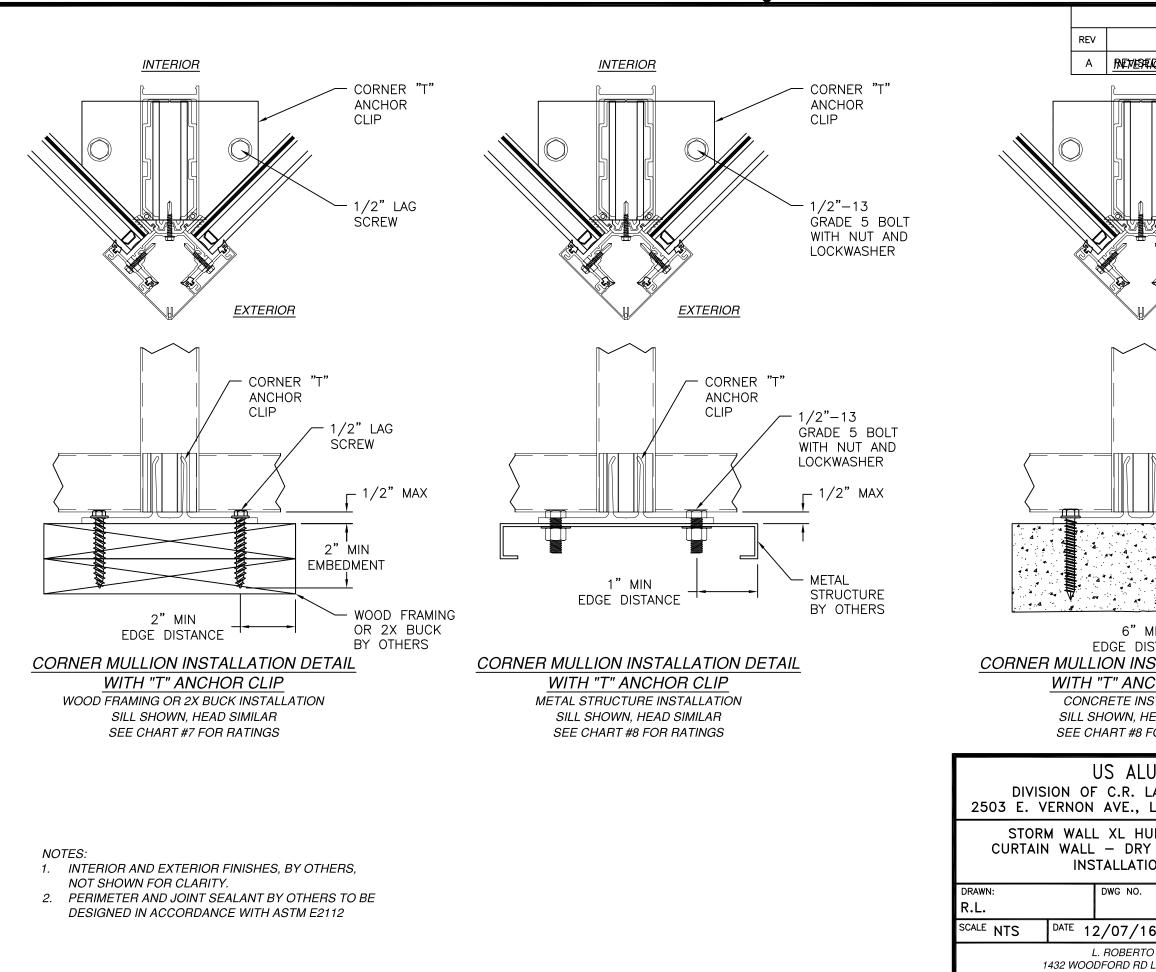
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1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.

WOOD FRAMING OR 2X BUCK INSTALLATION SILL SHOWN, HEAD SIMILAR SEE CHART #8 FOR RATINGS

2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



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434-688-0609 rllor

REVISIONS		
DESCRIPTION	DATE	APPROVED
DETAILS	04/14/17	R.L.
ANCH CLIP	ier "t" ior wedge	
<u>EXTERIOR</u>		
MIN STANCE	1/2" MAX MIN ENT NCRETE OTHERS	04/17/2017
UMINUM LAURENCE CO., INC. LOS ANGELES, CA 90058 URRICANE RESISTANT		LOMIII NSN 9511
Y GLAZED – LMI HVHZ ON DETAILS	RO STAT	E OF
08-03022 REV 6 SHEET 17 OF 23	SION	AL ENGINI
O LOMAS P.E. LEWISVILLE, NC 27023 omas@Irlomaspe.com	Luis R. Lo	omas P.E. 62514

Chart #6

Design pressure for anchoring into wood, metal or concrete with (2) or (4)anchors per clip

Frame	Tributary width (in)									
Height (in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	
60.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
66.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
72.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
78.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
84.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
90.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
96.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
102.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
108.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
114.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
120.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
126.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
132.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
138.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
144.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
150.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
156.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
162.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
168.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
174.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
175.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	

Chart #7

Design pressure for anchoring into wood with (2) anchors per clip

Frame	Tributary width (in)								
Height (in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
60.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
66.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
72.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
78.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
84.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
90.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.9
96.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	64.6
102.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	66.3	60.8
108.0	70.0	70.0	70.0	70.0	70.0	70.0	68.9	62.6	57.4
114.0	70.0	70.0	70.0	70.0	70.0	70.0	65.3	59.3	54.4
120.0	70.0	70.0	70.0	70.0	70.0	68.9	62.0	56.4	51.7
126.0	70.0	70.0	70.0	70.0	70.0	65.6	59.0	53.7	49.2
132.0	70.0	70.0	70.0	70.0	70.0	62.6	56.4	51.2	47.0
138.0	70.0	70.0	70.0	70.0	67.4	59.9	53.9	49.0	44.9
144.0	70.0	70.0	70.0	70.0	64.6	57.4	51.7	47.0	43.1
150.0	70.0	70.0	70.0	70.0	62.0	55.1	49.6	45.1	41.3
156.0	70.0	70.0	70.0	68.1	59.6	53.0	47.7	43.4	39.7
162.0	70.0	70.0	70.0	65.6	57.4	51.0	45.9	41.8	38.3
168.0	70.0	70.0	70.0	63.3	55.4	49.2	44.3	40.3	36.9
174.0	70.0	70.0	70.0	61.1	53.4	47.5	42.8	38.9	35.6
175.0	70.0	70.0	70.0	60.7	53.1	47.2	42.5	38.6	35.4

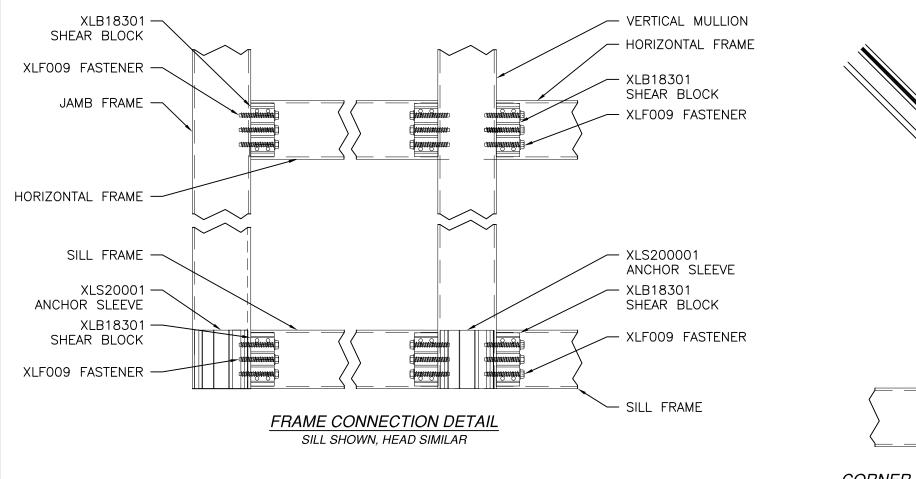
Chart #8

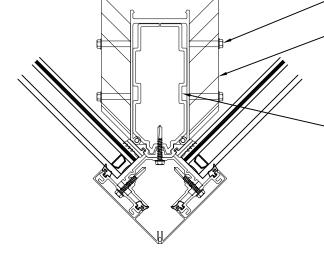
Design pressure for anchoring into wood with (4) anchors per clip or into metal or concrete with (2) or (4) anchors per clip

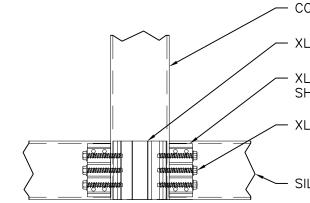
Frame	Tributary width (in)								
Height (in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
60.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
66.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
72.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
78.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
84.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
90.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
96.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
102.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
108.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
114.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
120.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
126.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
132.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
138.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
144.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
150.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
156.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
162.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
168.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
174.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
175.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0

				REVISIONS		
	REV		DES	CRIPTION	DATE	APPROVED
	A	REVISED GLAZ	ING	DETAILS	04/14/17	R.L.
DIVISION 2503 E. VERI	OF	S ALUMINU c.r. laurei ave., los a	NCE	CO., INC. ILES, CA 90058		04/17/2017
STORM V CURTAIN W	VALL	XL HURRICA	NE ZED	RESISTANT – LMI HVHZ	No. 4	E OF
DRAWN: R.L. ^{SCALE} NTS			-030 Sheet	022 REV A 18 OF 23	SSION	AL ENGINI
1432	L. I WOODF	ROBERTO LOMAS ORD RD LEWISVI 609 rilomas@irlo	S P.E. ILLE, N	NC 27023	Luis R. Lo FL No.:	omas P.E. 62514









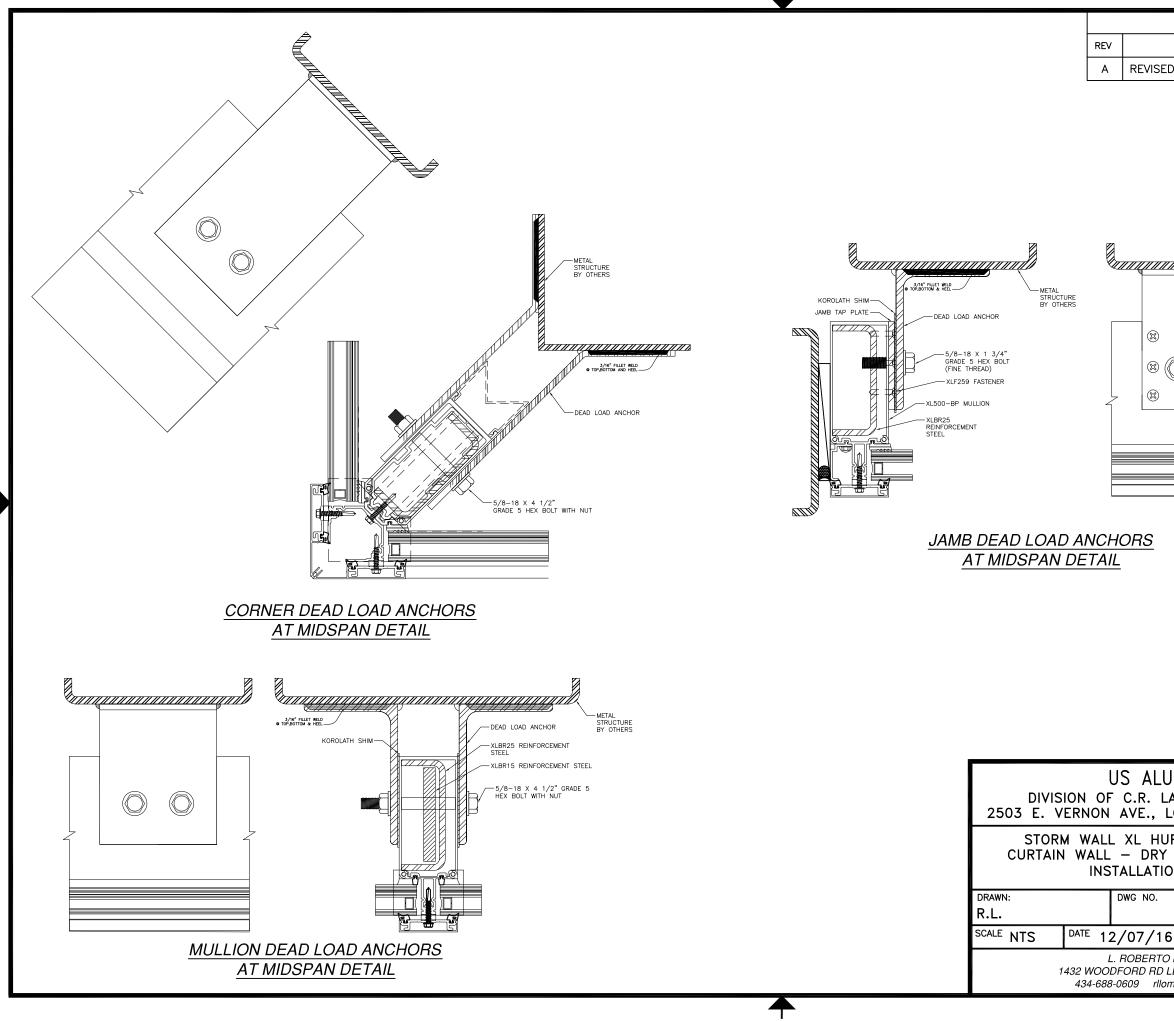
CORNER FRAME CONNECTION DETAIL

SILL SHOWN, HEAD SIMILAR

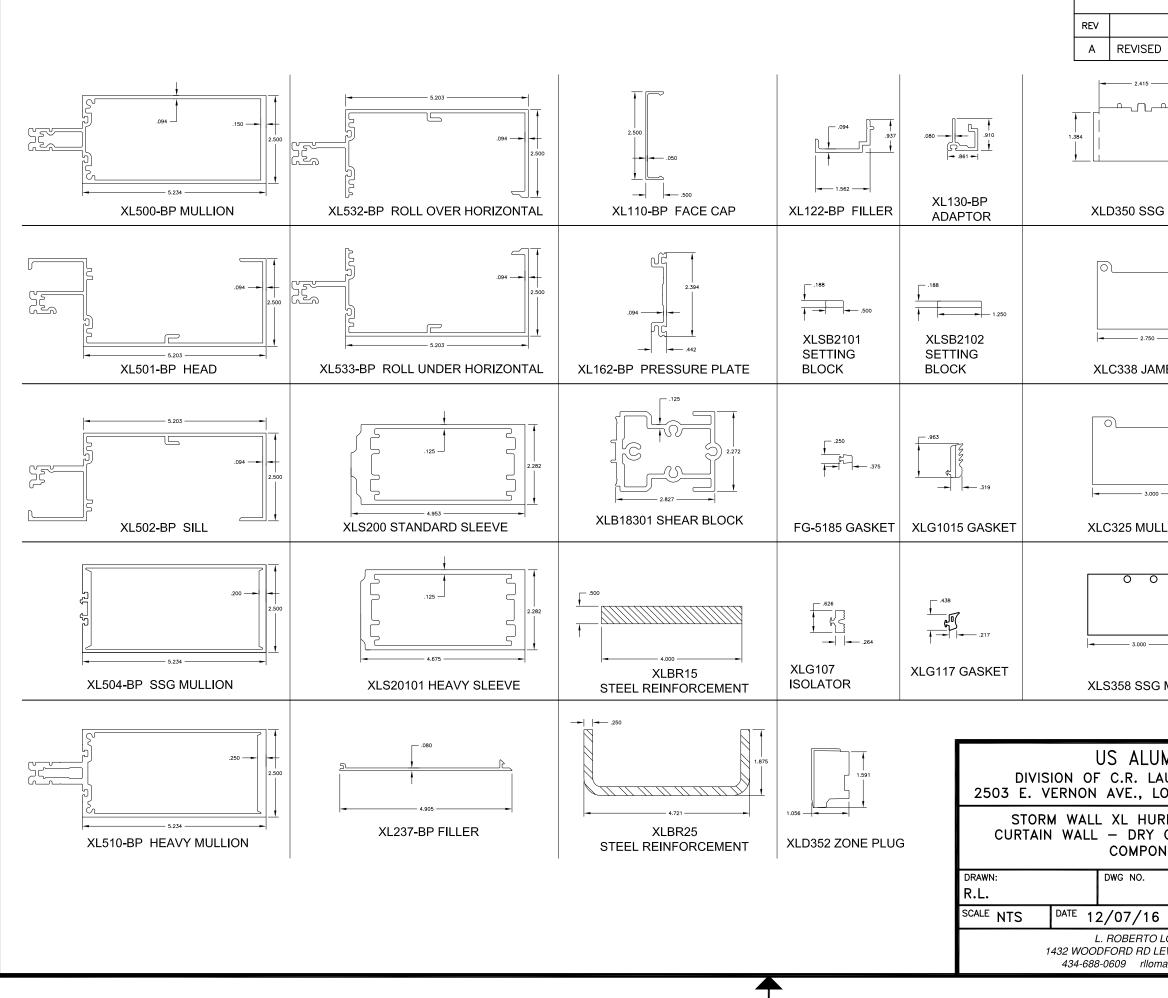
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		434-	000	0008	7 I.	non.

REVISIONS		
DESCRIPTION	DATE	APPROVED
SED GLAZING DETAILS	04/14/17	R.L.
- XLB18001		
CORNER SHEAR BLOCK		
- XLS19101 SPLICE		
CORNER		
(LS19101 SPLICE		
(LB18301		
SHEAR BLOCK		
(LF009 FASTENER		
SILL FRAME		
	SIGNED	04/17/2017
LUMINUM Laurence co., inc.	IIII'S R	·LONI
LOS ANGELES, CA 90058	110.10	ENSTO
URRICANE RESISTANT	Ex: No.	6251# ·*=
Y GLAZED – LMI HVHZ	=_ think	Komm. =

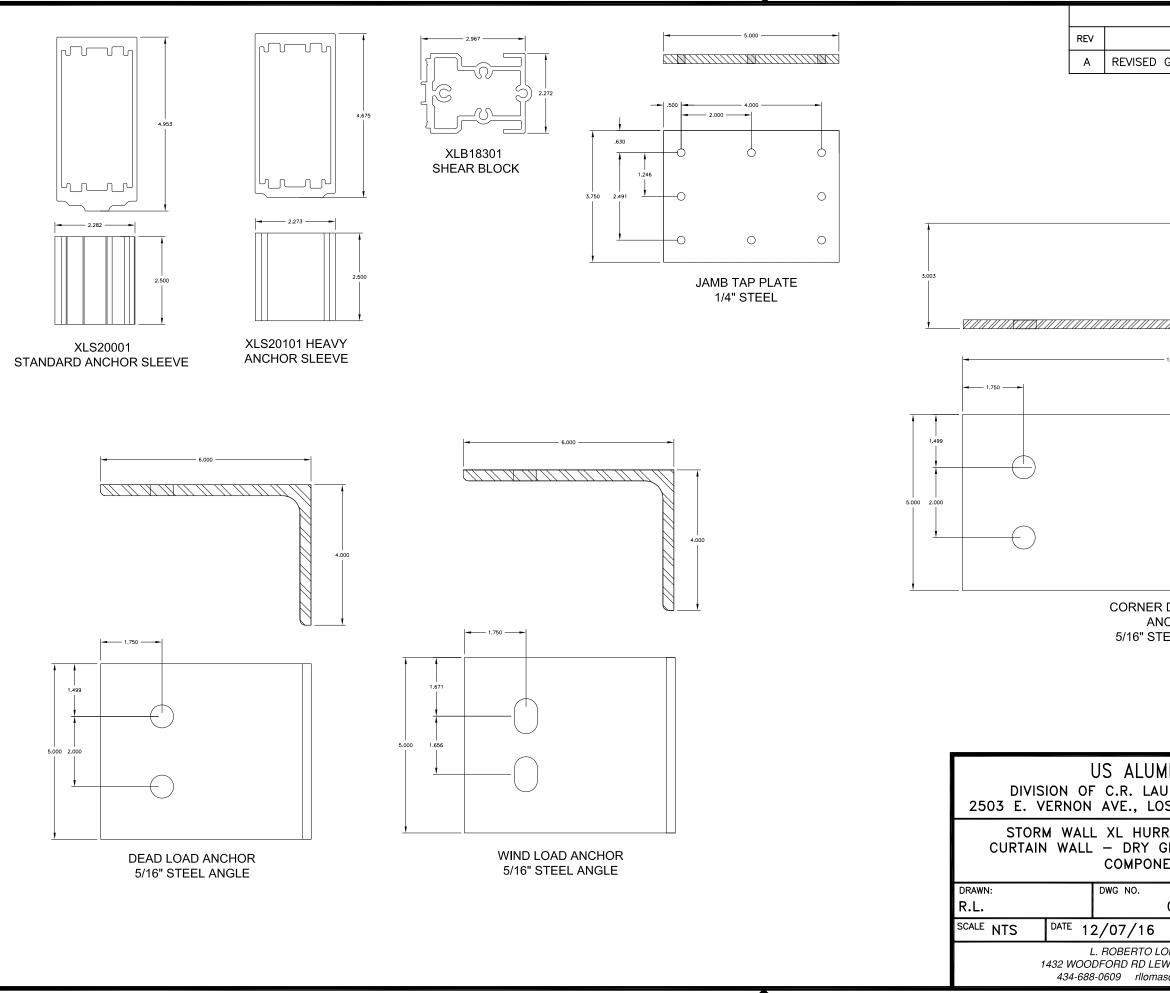
AURENCE CO., INC. LOS ANGELES, CA 90058 URRICANE RESISTANT GLAZED – LMI HVHZ ON DETAILS 08–03022 A 6 SHEET 19 OF 23 D LOMAS P.E. LEWISVILLE, NC 27023 mas@lriomaspe.com



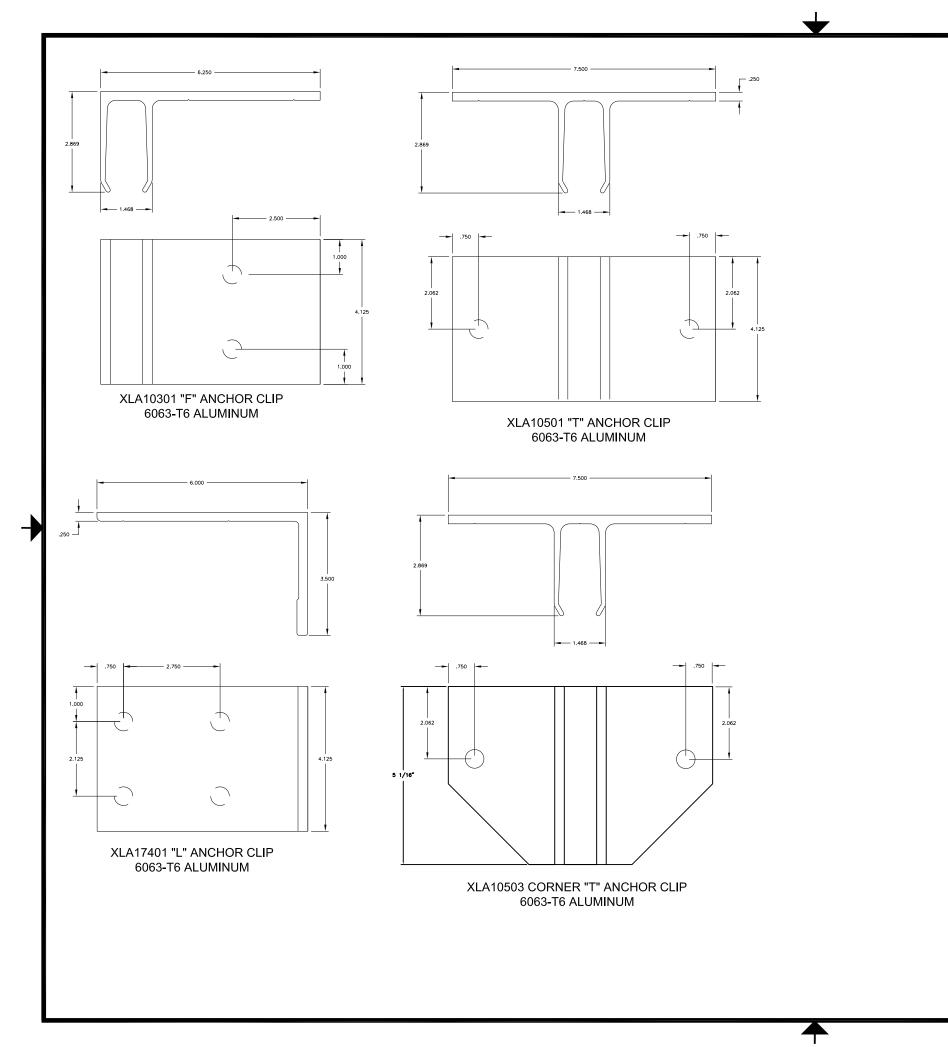
JMINUM AURENCE CO., INC. LOS ANGELES, CA 90058 JRRICANE RESISTANT GLAZED - LMI HVHZ ON DETAILS 08-03022 A SHEET 20 OF 23 DLOMAS P.E. LEWISVILLE, NC 27023 mas@lrlomaspe.com				0.0
ORRICANE RESISTANT GLAZED - LMI HVHZ ON DETAILS 08-03022 A SHEET 20 OF 23 OLOMAS P.E. LEWISVILLE, NC 27023	AURE	NCE CO., INC.	LICENST -	
08-03022 A 6 SHEET 20 OF 23 0 LOMAS P.E. Luis R. Lomas P.E. LEWISVILLE, NC 27023 FL. No : 62514	GLA	ZED – LMI HVHZ	No. 6251# *	
DLOMAS P.E. LEWISVILLE, NC 27023 LEWISVILLE, NC 27023 LLuis R. Lomas P.E. EL No : 62514	08	-03022		SONAL ENUL
LEWISVILLE, NC 27023	6	SHEET 20 OF 23		
	LEWISV	ILLE, NC 27023		



REVISIONS		
DESCRIPTION	DATE	APPROVED
ED GLAZING DETAILS	04/14/17	R.L.
5		
SG BRIDGE		
1.925 750		
AMB CAP		
ULL CAP		
	SIGNED: (04/17/2017
UMINUM LAURENCE CO., INC. LOS ANGELES, CA 90058 URRICANE RESISTANT Y GLAZED – LMI HVHZ ONENTS 08–03022 16 SHEET 21 OF 23	No. CE	LOMA NST STILLE E OF HILL RIDA CHILL AL ENGLIN
TO LOMAS P.E. D LEWISVILLE, NC 27023	Luis R. Lo FL No.:	omas P.E. 62514
lomas@lrlomaspe.com	12 110	32014



REVISIONS		
DESCRIPTION	DATE	APPROVED
ED GLAZING DETAILS	04/14/17	R.L.
12 134		
12.134		
IER DEAD LOAD		
ANCHOR STEEL ANGLE		
STELL ANGEL		
	SIGNED	04/17/2017
UMINUM laurence co., inc.	11115 R	·LOMI
LOS ANGELES, CA 9005	3 110:10	ENSTO
URRICANE RESISTANT	=*: No.	6251# *
Y GLAZED – LMI HVHZ ONENTS	P Mun M	TE OF
	REV	RIDA
08-03022	A	AL ENGILL
6 SHEET 22 OF 23		1111111111
O LOMAS P.E.	Luis R. I	_omas P.E.
DLEWISVILLE, NC 27023		: 62514



			REVISIONS		
	REV	DE	SCRIPTION	DATE	APPROVED
	A	REVISED GLAZING	DETAILS	04/14/17	R.L.
					K
				SIGNED:	04/17/2017
		S ALUMINUM		111111	10/1/
DIVISION		C.R. LAURENCE	E CO., INC. ELES, CA 90058	11/115	ENO
		XL HURRICANE			6051 M
	'ALL	 DRY GLAZED 		Entin	tomor =
		COMPONENTS		TA STA	TE OF
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	12/	ROBERTO LOMAS P.E			
	WOODF	FORD RD LEWISVILLE, 1609 rllomas@lrlomas	NC 27023	LUIS R. L FL No.	omas P.E. : 62514