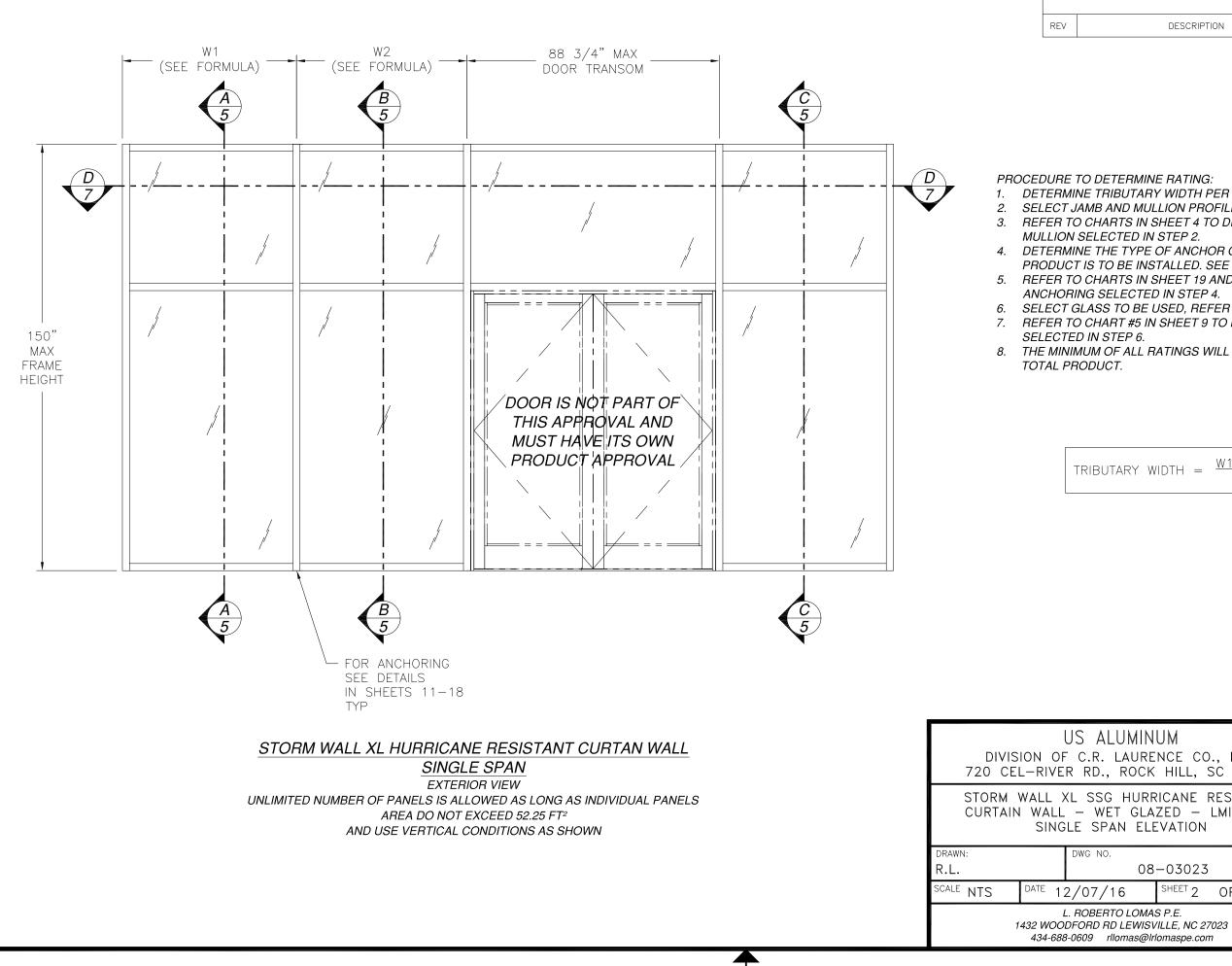
NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
- 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. 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 1/2".
- 4. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
- 5. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 6. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T6.
- 7. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 9 FOR GLASS DETAILS.
- 8. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 9. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE 1/2" LAG SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10. FOR ANCHORING INTO GROUT FILLED MASONRY OR CONCRETE USE 1/2" WEDGE BOLTS WITH SUFFICIENT LENGTH TO ACHIEVE A 3 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 6" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11. FOR ANCHORING INTO METAL STRUCTURE USE 1/2-13 SMS WITH LOCKWASHER AND NUT. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 12. ALL FASTENERS TO BE CORROSION RESISTANT.
- 13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
- A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
- B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
- C. MASONRY: GROUT FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
- D. METAL STRUCTURE: STEEL 1/4" THICK MINIMUM FY=33KSI/FU=52KSI

							SIGNED: 12/15/2016
[SION OF		NUM ence co., inc. k hill, sc 297	30	LINIS R. LOM
	TABLE OF CONTENTS						3.1.0.
SHEET NO.	DESCRIPTION		STORM WALL XL SSG HURRICANE RESISTANT CURTAIN WALL – WET GLAZED – LMI HVHZ				
1	NOTES	CONTA	NOTES				
2 - 4	ELEVATIONS AND RATING CHARTS	DRAWN:		DWG NO.		REV	TORIDA .
5 - 8	CROSS SECTIONS	R.L.		08-03023		—	SONAL EN INI
9 - 10	GLAZING DETAILS	SCALE NTS	SCALE NTS DATE 12/07/16 SHEET 1 OF 24		Ļ	minin	
11 - 21	INSTALLATION DETAILS		1432 WOOI		Luis R. Lomas P.E. FL No.: 62514		
22 - 24	COMPONENTS		1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com				

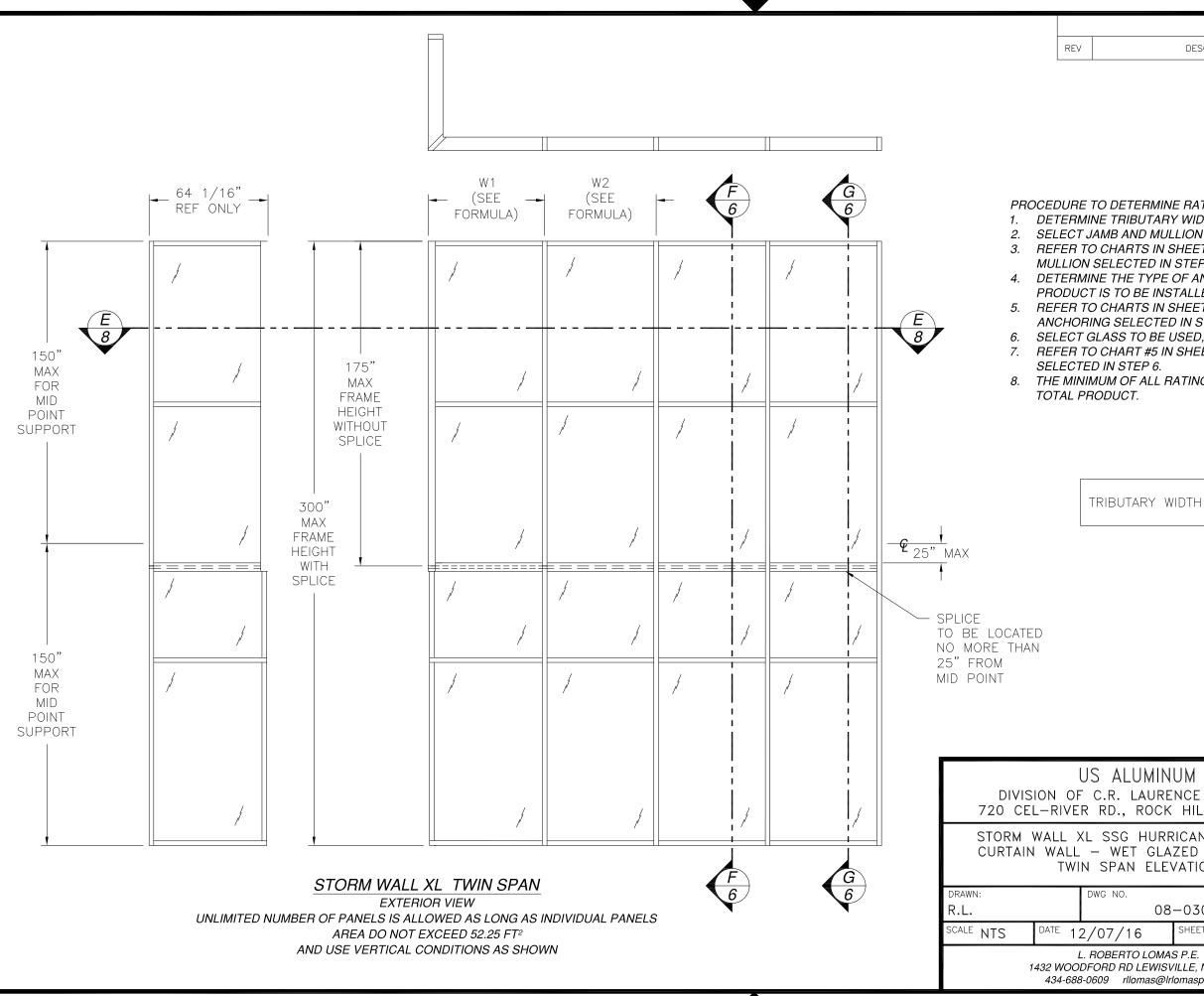
Т

REVISIONS										
DESCRIPTION	DATE	APPROVED								



REVISIONS		
DESCRIPTION	DATE	APPROVED
RMINE RATING:		
JTARY WIDTH PER FORMULA BEI MULLION PROFILES TO BE USE		7.
S IN SHEET 4 TO DETERMINE RA ED IN STEP 2.	TINGS FOR JAME	3 AND
YPE OF ANCHOR CLIP AND SUB INSTALLED. SEE SHEETS 10 - 1		
S IN SHEET 19 AND 20 TO DETER CTED IN STEP 4.		=
BE USED, REFER TO SHEETS 9		2
#5 IN SHEET 9 TO DETERMINE R P 6.		
ALL RATINGS WILL DETERMINE T	THE RATING OF T	ΉE
$RY WIDTH = \frac{W1 + W2}{2}$		
Z		
	SIGNED:	12/15/2016
JMINUM		
AURENCE CO., INC.	111115 R	LOMI
ROCK HILL, SC 29730	J. V. V.CI	NSKIS
HURRICANE RESISTANT GLAZED – LMI HVHZ	EX. No.	\$251# *
ELEVATION	ER. STAT	E OF
REV	10	RIDA
08-03023 - SHEET 2 OF 24	//////////////////////////////////////	AL ENIN'
LOMAS P.E.		
EUMAS F.E. EWISVILLE, NC 27023		omas P.E.

FL No.: 62514



T

REVISIONS	
RECORIETION	
TERMINE RATING: BUTARY WIDTH PER FORMULA BEL ND MULLION PROFILES TO BE USE ITS IN SHEET 4 TO DETERMINE RA TED IN STEP 2. TYPE OF ANCHOR CLIP AND SUBS BE INSTALLED. SEE SHEETS 10 - 1 ITS IN SHEET 19 AND 20 TO DETER LECTED IN STEP 4. TO BE USED, REFER TO SHEETS 9 IT #5 IN SHEET 9 TO DETERMINE R. EP 6. FALL RATINGS WILL DETERMINE T T.	D FROM SHEET 7. TINGS FOR JAMB AND STRATE WHERE 7 MINE RATING OF AND 10 ATING OF GLASS
ARY WIDTH = $\frac{W1 + W2}{2}$ UMINUM LAURENCE CO., INC. ROCK HILL, SC 29730 HURRICANE RESISTANT T GLAZED - LMI HVHZ I ELEVATION 08-03023 - 6 SHEET 3 OF 24	SIGNED: 12/15/2016 SIGNED: 12/15/2016 No. 6251# No. 6251# STATE OF STATE OF STATE OF STATE OF

1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com

FL No.: 62514

Luis R. Lomas P.E.

Chart #1 Design pressure for Mullion "A" (psf) Design pressure for Jamb "A" (psf)

Frame			Design	pressure	s are posit	tive and n	egative					
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	65.5			
78.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	65.9	60.4			
84.0	70.0	70.0	70.0	70.0	70.0	70.0	67.3	61.2	56.1			
90.0	70.0	70.0	70.0	70.0	70.0	69.8	62.9	57.1	52.4			
96.0	70.0	70.0	70.0	70.0	70.0	65.5	58.9	53.6	49.1			
102.0	70.0	70.0	70.0	70.0	68.0	60.4	54.4	49.4	45.3			
108.0	70.0	70.0	70.0	65.4	57.3	50.9	45.8	41.6	38.2			
114.0	70.0	70.0	64.9	55.6	48.7	43.3	38.9	35.4	32.5			
120.0	70.0	66.8	55.7	47.7	41.7	37.1	33.4	30.4	27.8			

LARGE MISSILE IMPACT AND HVHZ

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

Frame			Design p	ressures	are posi	tive 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	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
66.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
72.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
78.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
84.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
96.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
102.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
108.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
114.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
120.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	87.3
126.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.2
132.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.6	79.4
138.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	82.8	75.9
144.0	90.0	90.0	90.0	90.0	90.0	90.0	87.3	79.4	72.8
150.0	90.0	90.0	90.0	90.0	90.0	90.0	83.8	76.2	69.9
156.0	90.0	90.0	90.0	90.0	90.0	89.6	80.6	73.3	67.2
162.0	90.0	90.0	90.0	90.0	90.0	86.2	77.6	70.6	64.7
168.0	90.0	90.0	90.0	90.0	90.0	83.2	74.8	68.0	62.4
174.0	90.0	90.0	90.0	90.0	90.0	80.3	72.3	65.7	60.2
175.0	90.0	90.0	90.0	90.0	89.4	79.5	71.5	65.0	59.6

LARGE M ISSILE IM PACT AND HVHZ FULL LENGTH WITHOUT SPLICE

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

Frame Height	Design pressures are positive and negative										
(in)	24.0	30.0	36.0	1115L 42.0	itary Widt 48.0	n (in) 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	65.9		
108.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	67.9	62.2		
114.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	64.3	58.9		
120.0	70.0	70.0	70.0	70.0	70.0	70.0	67.2	61.1	56.0		
126.0	70.0	70.0	70.0	70.0	70.0	70.0	64.0	58.2	53.3		
132.0	70.0	70.0	70.0	70.0	70.0	67.9	61.1	55.5	50.9		
138.0	70.0	70.0	70.0	70.0	70.0	64.9	58.4	53.1	48.7		
144.0	70.0	70.0	70.0	70.0	70.0	62.2	56.0	50.9	46.7		

LARGE MISSILE IMPACT AND HVHZ

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

Frame			Design p	ressures	are posi	tive and l	negative						
Height		Tributary Width (in)											
(in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0				
210.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	85.7				
216.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.3				
222.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	88.5	81.1				
228.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.1	78.9				
234.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.9	76.9				
240.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	81.8	75.0				
246.0	90.0	90.0	90.0	90.0	90.0	90.0	87.8	79.8	73.2				
252.0	90.0	90.0	90.0	90.0	90.0	90.0	85.7	77.9	71.4				
258.0	90.0	90.0	90.0	90.0	90.0	90.0	83.7	76.1	69.8				
264.0	90.0	90.0	90.0	90.0	90.0	90.0	81.8	74.4	68.2				
270.0	90.0	90.0	90.0	90.0	90.0	88.9	80.0	72.7	66.7				
276.0	90.0	90.0	90.0	90.0	90.0	87.0	78.3	71.1	65.2				
282.0	90.0	90.0	90.0	90.0	90.0	85.1	76.6	69.6	63.8				
288.0	90.0	90.0	90.0	90.0	90.0	83.3	75.0	68.2	62.5				
294.0	90.0	90.0	90.0	90.0	90.0	81.6	73.5	66.8	61.2				
300.0	90.0	90.0	90.0	90.0	90.0	80.0	72.0	65.5	60.0				

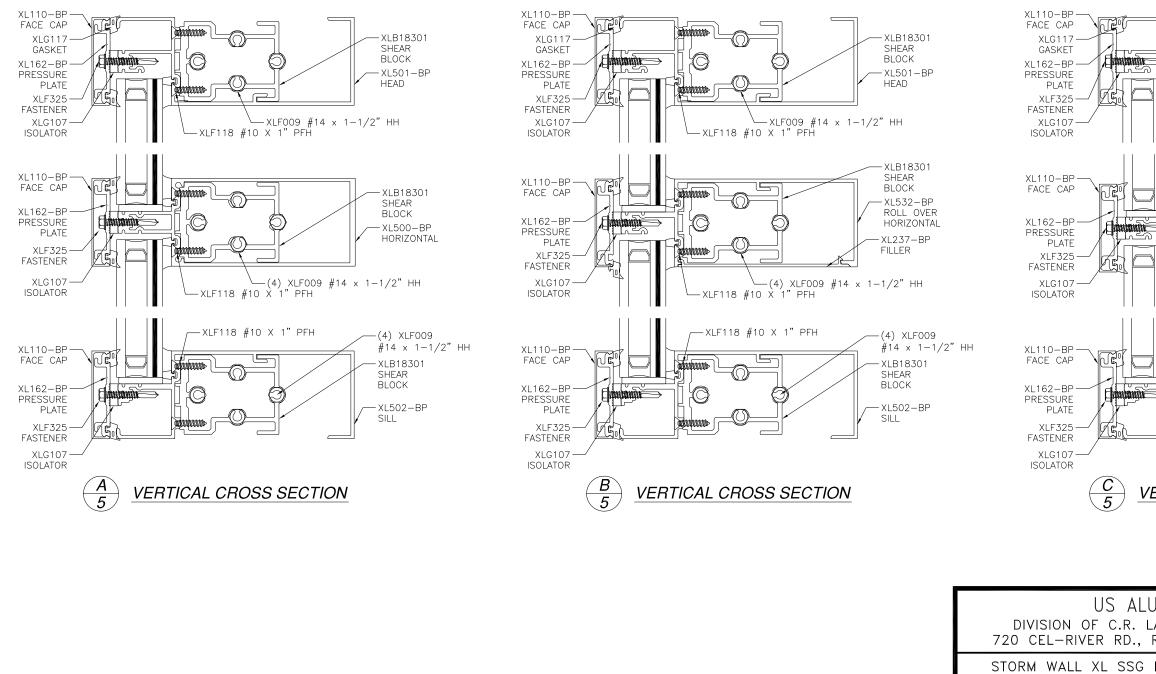
LARGE M ISSILE IM PACT AND HVHZ FULL LENGTH WITH SUPPORT AT MIDDLE POINT AND SPLICE DISTANCE BETWEEN SPLICE AND MID POINT MUST NOT EXCEED 25"

 \mathbf{T}

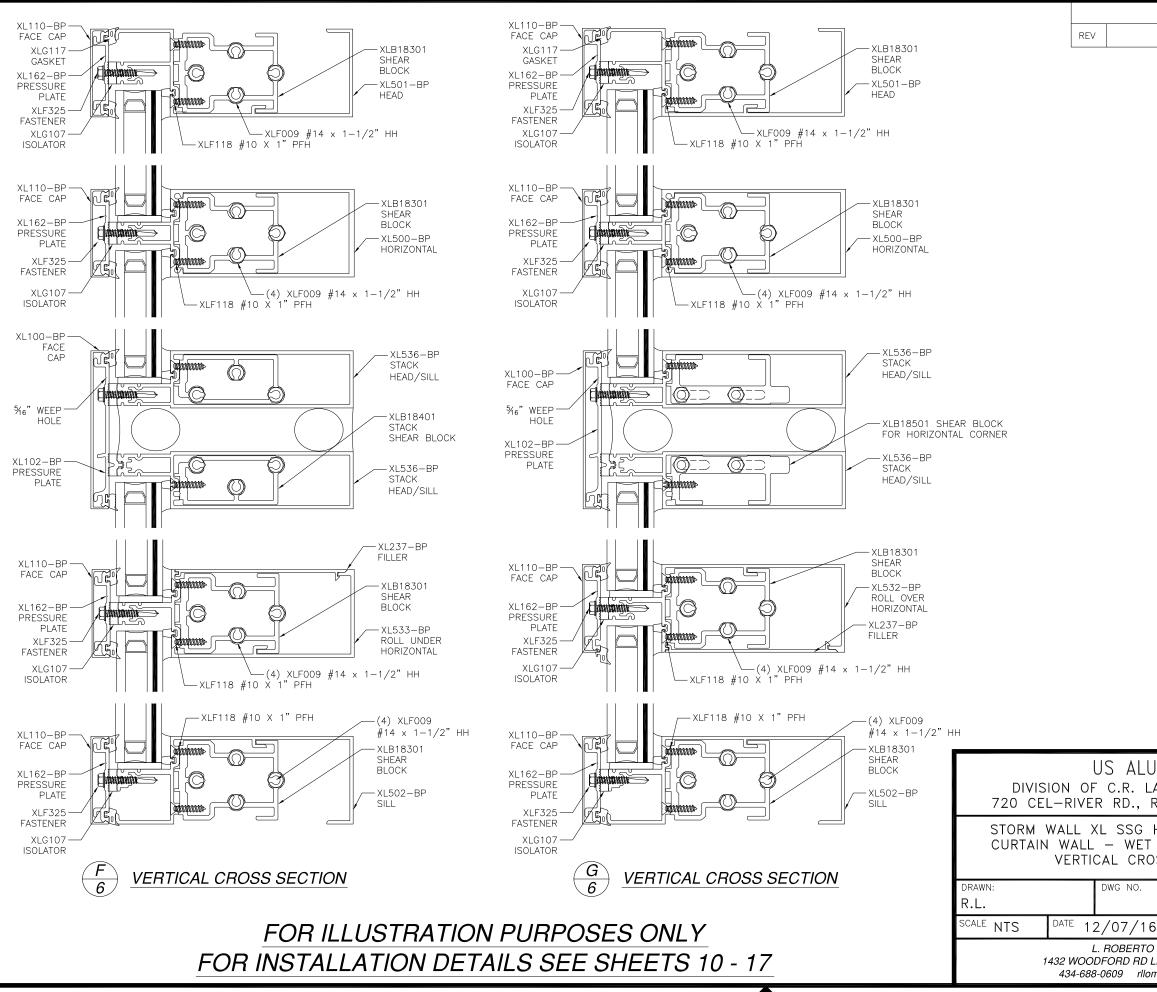
25					SIGNED: 12/15/2016
	DIVISION O 720 CEL-RIVI	LICENST -			
	CURTAIN WAL				No. 6251# *
	DRAWN: R.L.	dwg no.	-03023	REV	SONAL ENUL
	SCALE NTS DATE 1	2/07/16	SHEET 4 OF 24		
		L. ROBERTO LOMA DDFORD RD LEWIS 88-0609 rllomas@lr	VILLE, NC 27023		Luis R. Lomas P.E. FL No.: 62514

REVISIONS		
DESCRIPTION	DATE	APPROVED

FOR ILLUSTRATION PURPOSES ON FOR INSTALLATION DETAILS SEE SHEET

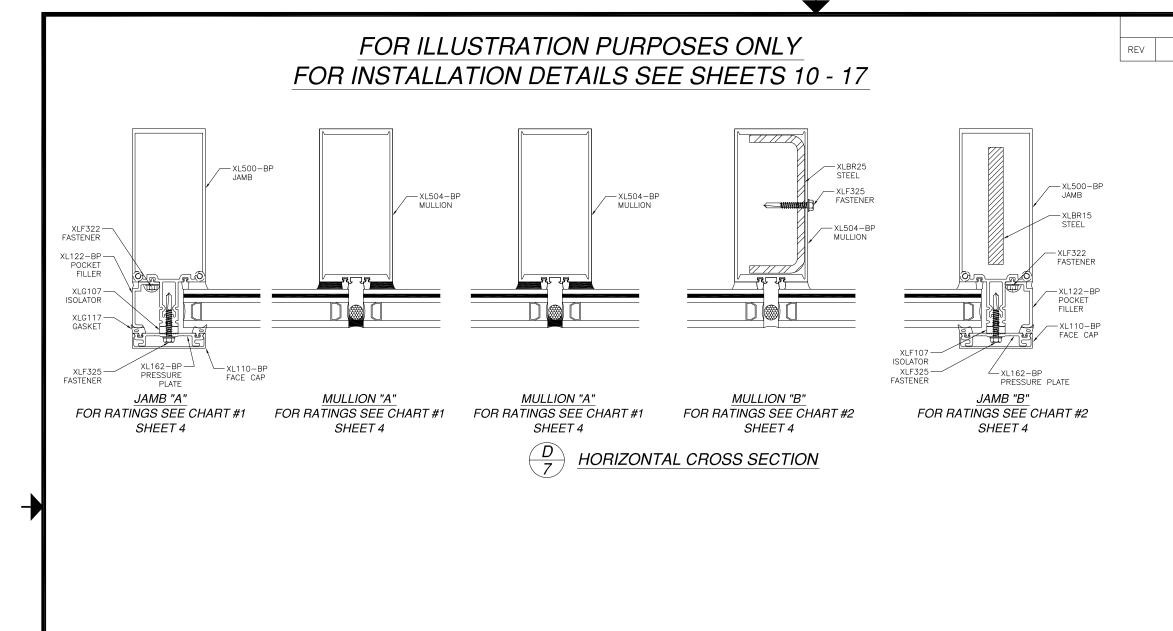


			REVISIONS		
		REV	DESCRIPTION	DATE	APPROVED
ILY					
rs 10	- 17				
	XL110-B	P		n	
	FACE CA XLG11 GASKE	7-1-1-1		XLB18301 SHEAR	
	XL162-B PRESSUR			BLOCK	
	PLAT XLF32			HEAD	
	FASTENE XLG10 ISOLATO	7_/	XLF118 #10 X 1" PFH	-1/2" HH	
	ISULATU				
	XL110-B FACE CA			FILLER	
	FACE CA			XLB18301 SHEAR	
	XL162-B PRESSUR PLAT	E Approxime		BLOCK	
	XLF32 FASTENE	5- A		ROLL UNDEF	R
	XLG10 ISOLATO	7	(4) XLF009 #14 XLF118 #10 X 1" PFH	 × 1−1/2"HH	
" НН	XL110-B	P	XLF118 #10 X 1" PFH	(4) XLF009 #14 x 1-1/	2" НН
	FACE CA			XLB18301 SHEAR	
	XL162–B PRESSUR PLAT	e Fhissianne	₹[0 0	BLOCK	
	XLF32	5-65		SILL	
	FASTENE XLG10	7		-	
	ISOLATO				
		5 -	ERTICAL CROSS SECTION		
				SIGNED: 1	2/15/2016
		11 211	UMINUM		11///
		OF C.R. I	LAURENCE CO., INC.	111115 R.	LOMIII
			ROCK HILL, SC 29730	NO.	NSKIOI
	JRTAIN W	/ALL – WE ⁻	HURRICANE RESISTANT T GLAZED – LMI HVHZ	= hus x	comor =
	VE	ERTICAL CR	OSS SECTIONS	STAT	ÉOF
DRAWN: R.L.		DWG NO.	08-03023 -	SSICO.	FNGH
SCALE N	TS DAT	E 12/07/1		111111	
	14.32		O LOMAS P.E. D LEWISVILLE, NC 27023	Luis R. Lo	
-			omas@lrlomaspe.com	FL No.:	62514



REVISIONS		
DESCRIPTION	DATE	APPROVED

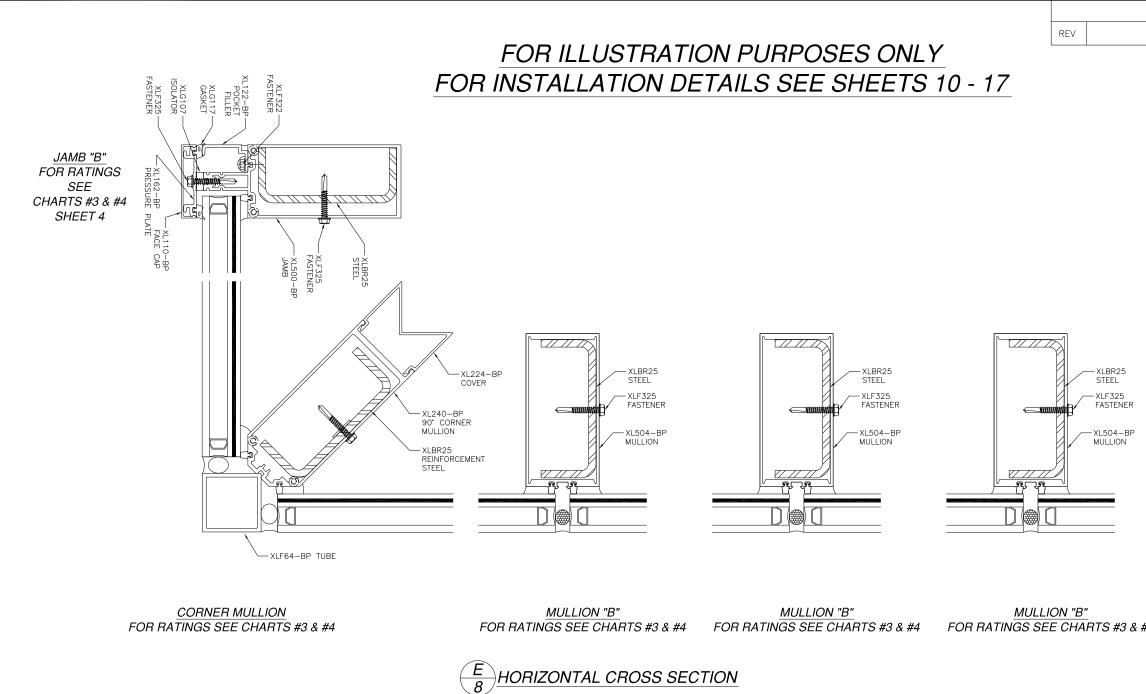
			SIGNED: 12/15/2016
	UM nce co., inc. hill, sc 29730		LICENST -
ET GLA	RICANE RESISTANT ZED – LMI HVHZ SECTIONS		No. 6251# *
). 08	-03023	REV —	SONAL EN
<i>′</i> 16	SHEET 6 OF 24		
	S P.E. /ILLE, NC 27023 /omaspe.com		Luis R. Lomas P.E. FL No.: 62514



 \mathbf{T}

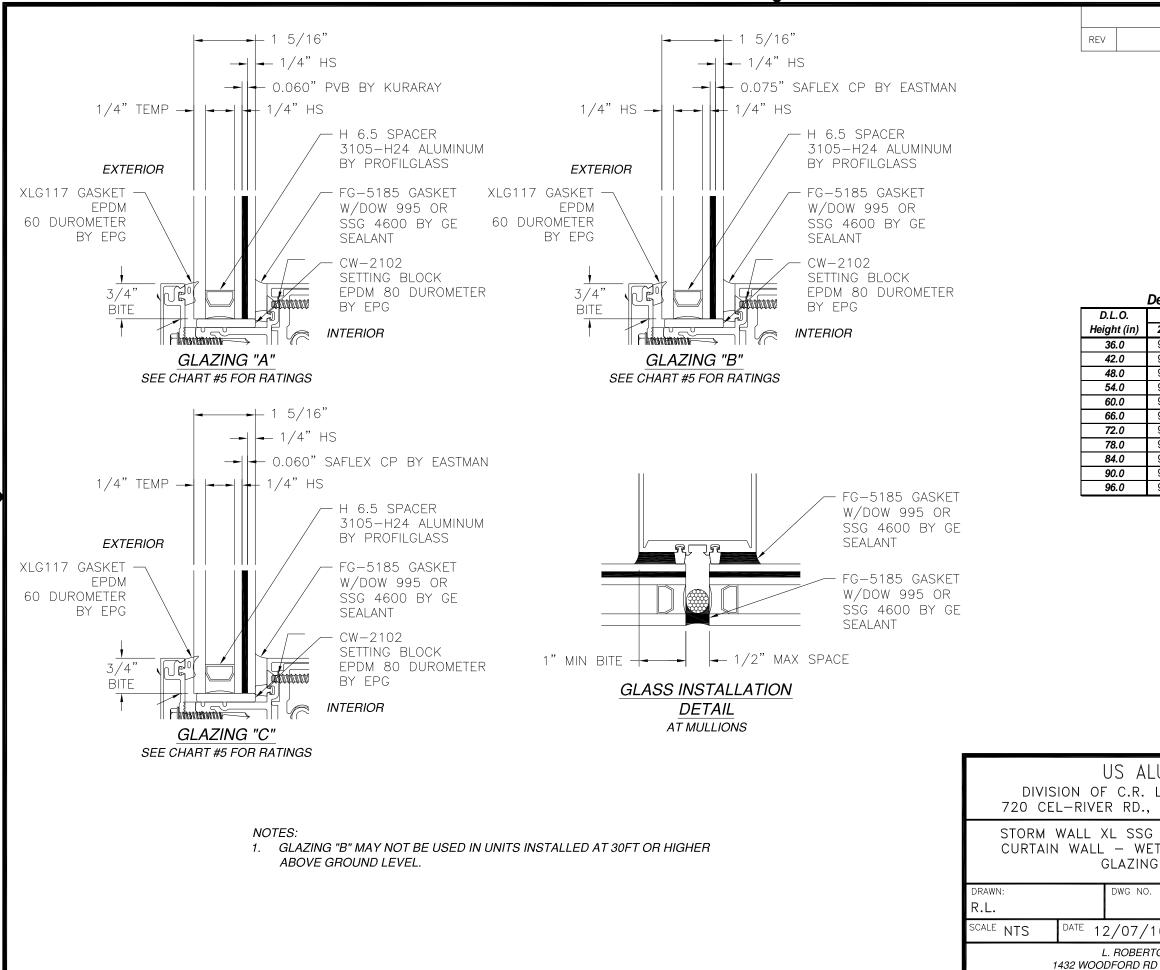
					SIGNED: 12/15/2016
	US ALUMINU 7 c.r. lauren 8 rd., rock	NCE CO			LICENST OF
STORM WALL X CURTAIN WALL HORIZO		zed — I	LMI HVHZ		No. 6251# *
DRAWN: R.L.	dwg no. 08-	-03023		REV —	SONAL ENUL
SCALE NTS DATE 1	2/07/16	^{SHEET} 7	OF 24		
1432 WOO	L. ROBERTO LOMAS DFORD RD LEWISVI 3-0609 rilomas@iric	ILLE, NC 27			Luis R. Lomas P.E. FL No.: 62514

REVISIONS		
DESCRIPTION	DATE	APPROVED



	DIVIS 720 CE	ION OF	- C.	
	STORM CURTAIN I		. —	WET G
DRAWN	1:		DWG	NO.
SCALE	NTS	DATE 1	2/07	7/16
	1	432 WOO	DFOR	BERTO LO D RD LEV rllomas

REVISIONS		
DESCRIPTION	DATE	APPROVED
R STEEL JAMB "B" FACE CAP PRESSURE PLATE S& #4 FOR RATINGS SEE CHARTS		12/15/2016
UMINUM		10/11
LAURENCE CO., INC. ROCK HILL, SC 29730	IN CE	NSAST
HURRICANE RESISTANT	Ex No.	2514 *
T GLAZED – LMI HVHZ ROSS SECTIONS	P Mun A	E OF
REV	100. 10	RIDA
08-03023 - 6 ^{SHEET} 8 OF 24		AL ENITITY
0 01 24	.,,,	
O LOMAS P.E. D LEWISVILLE, NC 27023	Luis R. Lo FL No.:	omas P.E.



REVISIONS	REVISIONS					
DESCRIPTION	DATE	APPROVED				

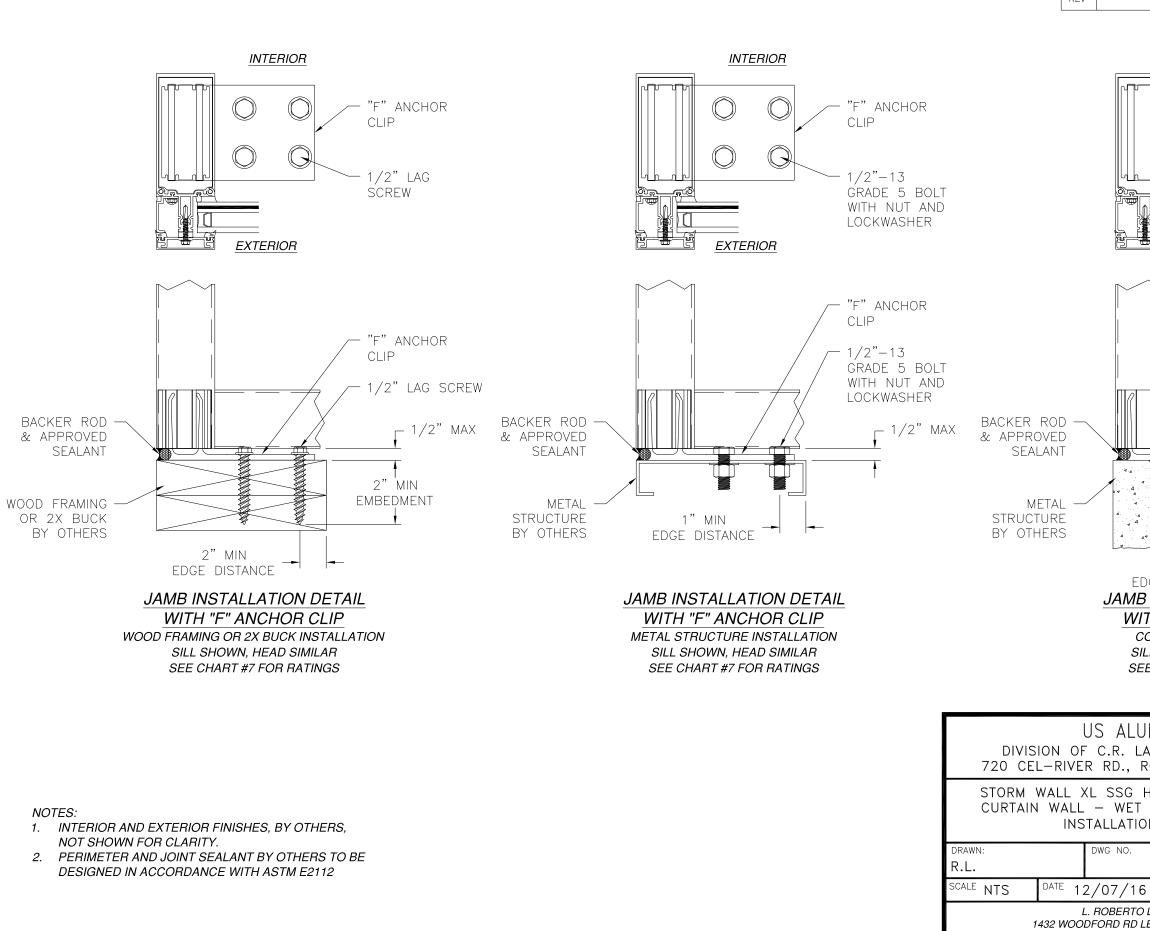
Chart #5

Design pressure per glass "A", "B" and "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								69.5
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	82.5
90.0	90.0	90.0	90.0	90.0	90.0	90.0	82.1	75.0
90.0	90.0	90.0	90.0	90.0	90.0	83.1	75.2	68.7
90.0	90.0	90.0	90.0	90.0	85.6	76.7	69.4	63.5
90.0	90.0	90.0	90.0	90.0	79.5	71.2	64.5	58.9
90.0	90.0	90.0	90.0	84.0	74.2	66.5	60.2	55.0
90.0	90.0	90.0	90.0	78.8	69.6	62.3	56.4	51.6

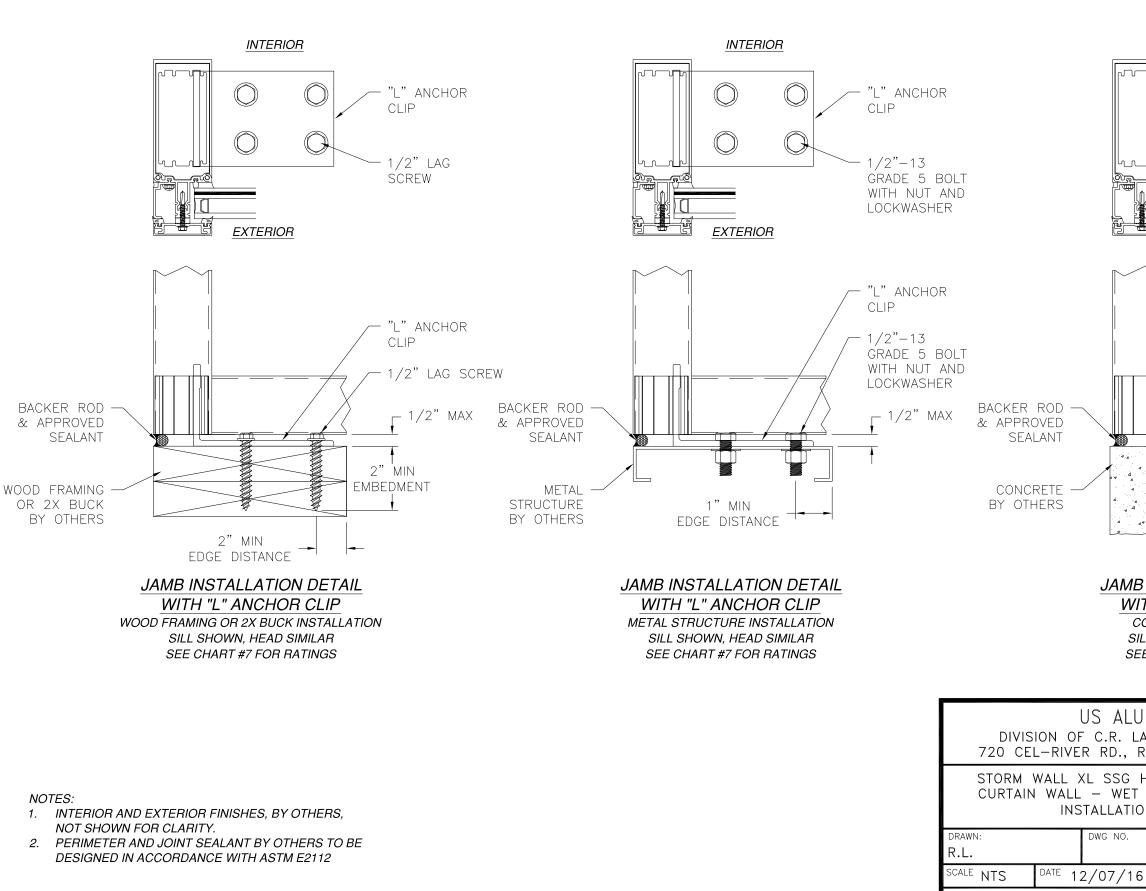
			SIGNED: 12/15/2016
	UM nce co., inc. hill, sc 29730		LILLO R. LOMA
	RICANE RESISTANT ZED – LMI HVHZ AILS		No. 6251# *
08	-03023	REV	SONAL ENGLIS
6	SHEET 9 OF 24		
	S P.E. ILLE, NC 27023 Iomaspe.com		Luis R. Lomas P.E. FL No.: 62514

OLONED, ADVIEVODAD



 \frown

	REVISIONS		
REV	DESCRIPTION	DATE	APPROVED
		"F" ANCHOR CLIP 1/2" WEDGE BOLT	
JAMB Wi Co Sil		-	
RIVER RD., R Wall XL SSG H	URENCE CO., INC. OCK HILL, SC 29730 HURRICANE RESISTANT GLAZED – LMI HVHZ		12/15/2016 11////// ENSSI 62514 Fomorous TE OF
DWG NO.	08–03023	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	AL ENGINI
L. ROBERTO 432 WOODFORD RD L 434-688-0609 rllon	EWISVILLE, NC 27023		omas P.E. : 62514

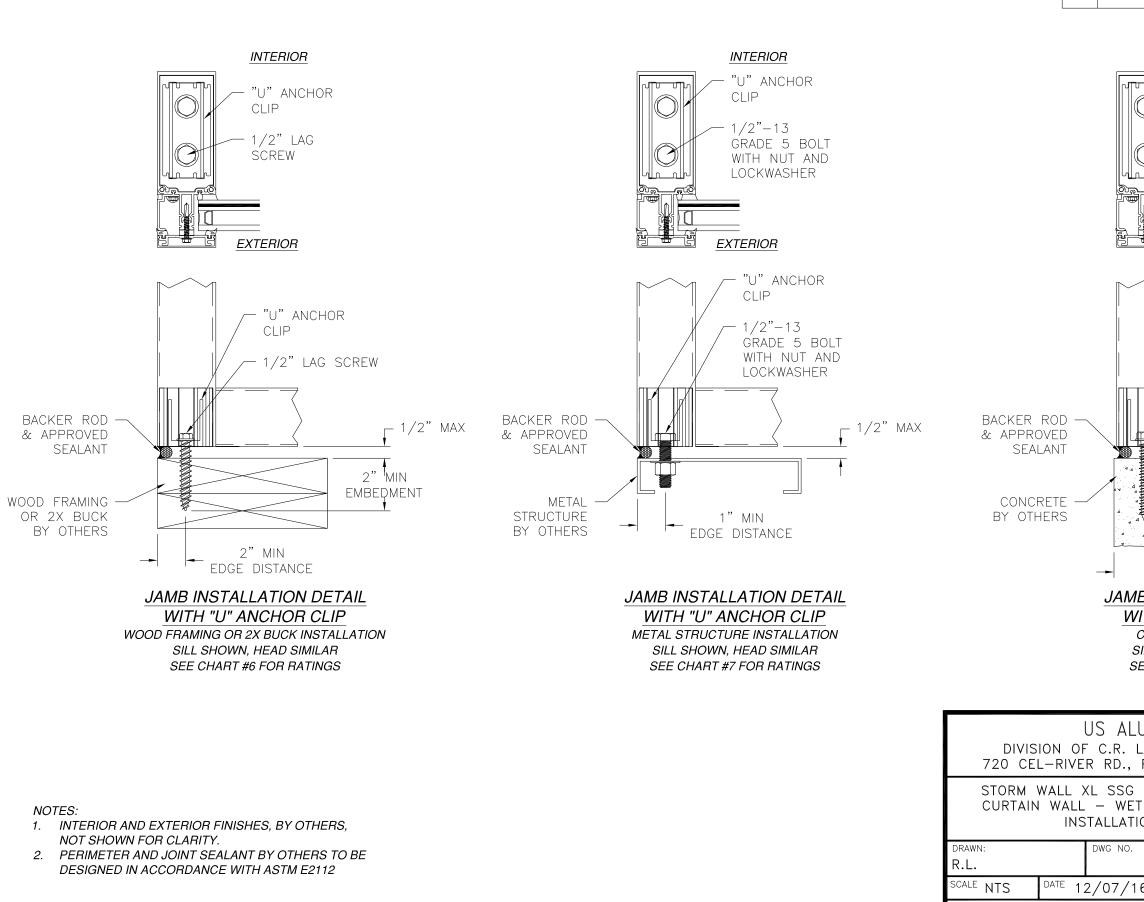


 \mathbf{T}

L. ROBERTC 1432 WOODFORD RD I 434-688-0609 rllo.

REV

REVISIONS		
DESCRIPTION	DATE	APPROVED
	- "L" ANCHOR CLIP - 1/2" WEDGE BOLT	
	- "L" ANCHOR CLIP - 1/2" WEDGE BOLT 1/2" N - 1/2" N - 1/2	ИАХ
	SIGNED: 1	2/15/2016
UMINUM LAURENCE CO., INC. ROCK HILL, SC 29730 HURRICANE RESISTANT T GLAZED – LMI HVHZ ON DETAILS	No. 6	11111111111111111111111111111111111111
08-03023 - 6 SHEET 11 OF 24	1155/0N	L ENGLIN
O LOMAS P.E. D LEWISVILLE, NC 27023 pmas@Irlomaspe.com	Luis R. Lo FL No.:	

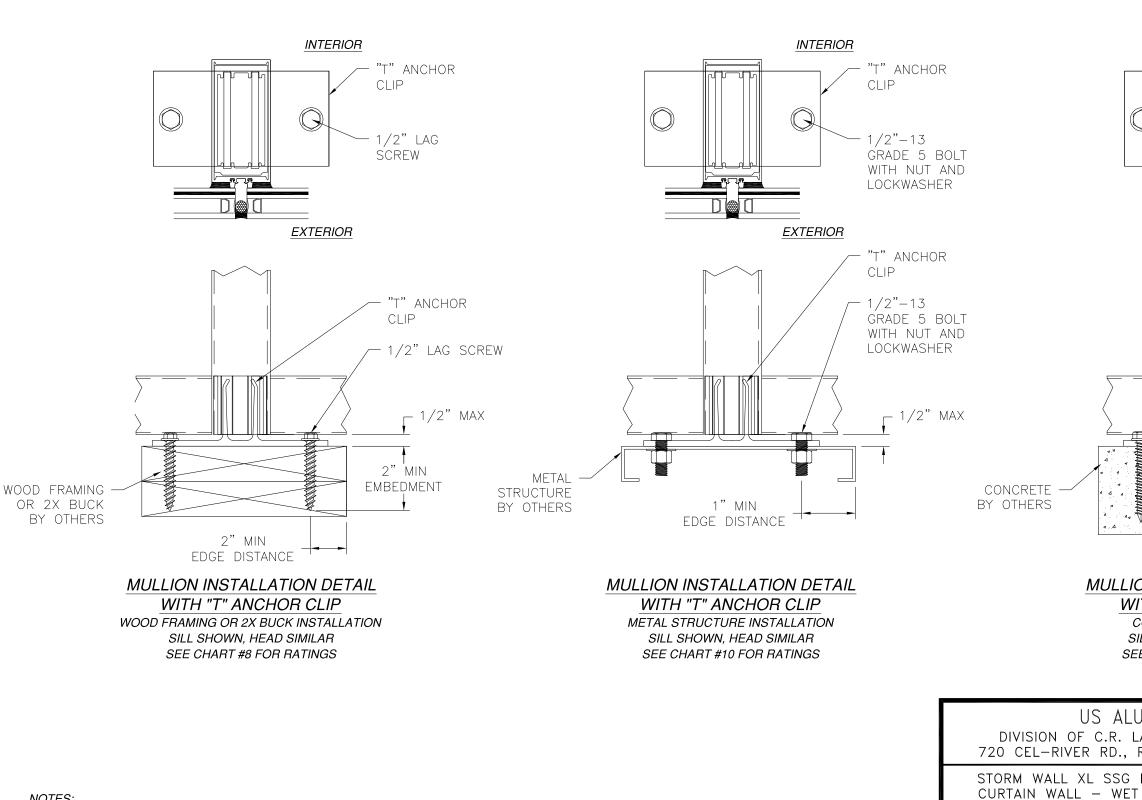


L. ROBERTC 1432 WOODFORD RD 434-688-0609 rllo

 \mathbf{T}

REV

REVISIONS		
DESCRIPTION	DATE	APPROVED
INTERIOR "U" ANCHOR CLIP 1/2" WEDGE BOLT EXTERIOR "U" ANCHOR CLIP 1/2" WEDGE BOLT J 1/2" WEDGE BOLT J 1/2" WEDGE BOLT J 2 1/2 EMBED J 1/2 EMBED J 1/2 EMBED J 1/2 EMBED		
	SIGNED: 1	12/15/2016
UMINUM LAURENCE CO., INC. ROCK HILL, SC 29730 HURRICANE RESISTANT T GLAZED – LMI HVHZ ION DETAILS 08-03023	No CE	LOMA NSE SESTIME E OF RIDA NG
6 ^{Sheet} 12 OF 24	///////	innin,
O LOMAS P.E. D LEWISVILLE, NC 27023	Luis R. Lo FL No.:	



NOTES:

- INTERIOR AND EXTERIOR FINISHES, BY OTHERS, 1. NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

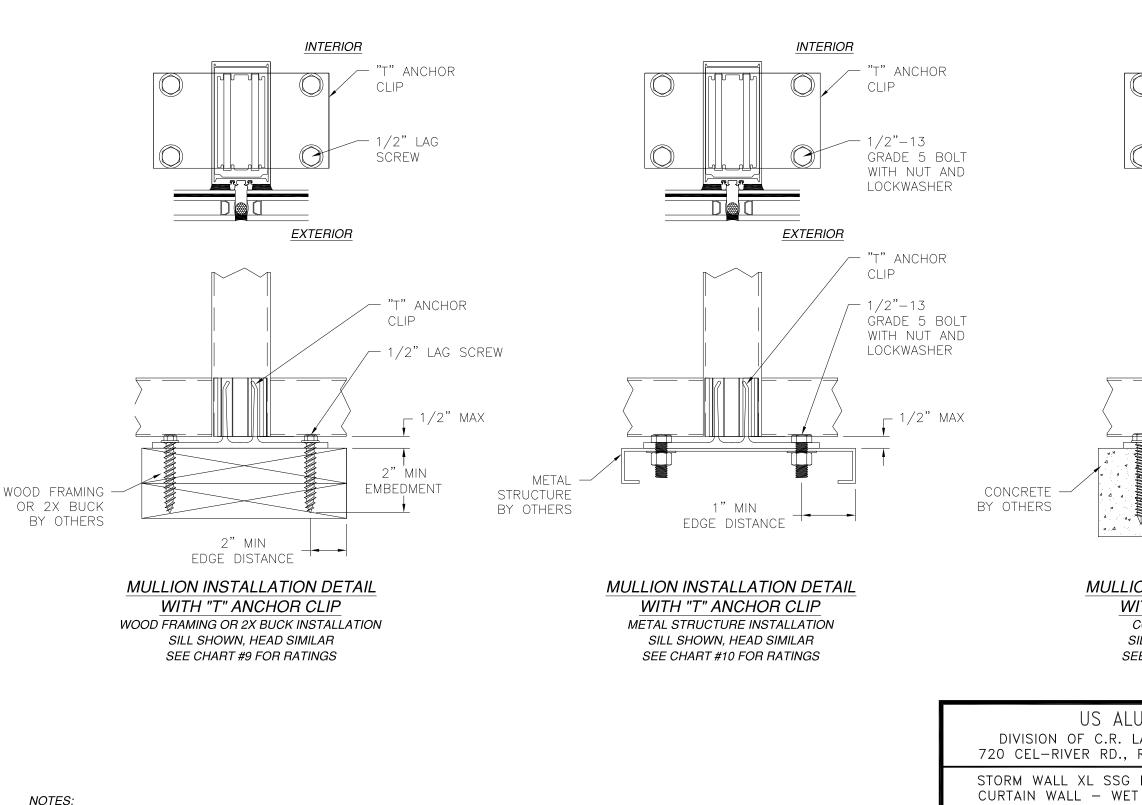
		REVIS	SIONS		
RE	IV .	DESCRIPTION		DATE	APPROVED
				 "T" ANCHOR CLIP 1/2" WEDGE BOLT 	
			_	T" ANCHOR	
			<u> </u>	CLIP 1/2" WEDGE	
	<u> </u>			BOLT	
				1/	2" MAX
RETE IERS				3 1/2" MII EMBEDMEN	
		6" MIN		-	
	WI C SI	ON INSTALLATION E TH "T" ANCHOR CLI ONCRETE INSTALLATION LL SHOWN, HEAD SIMILAI E CHART #11 FOR RATING	I <u>P</u> 		
				SIGNED:	12/15/2016
		IMINUM aurence co., inc. rock hill, sc 2973	50		LOMANS NST
IN WAL	l – Wet	HURRICANE RESISTAN GLAZED — LMI HVH DN DETAILS		No. 4	2514 *
DATE 1	DWG NO.	08-03023 SHEET 13 OF 24	REV —	III SION	AL ENGINI
1432 WO	L. ROBERTO			Luis R. Lo FL No.:	omas P.E. 62514

DRAWN:

SCALE NTS

R.L.

 \frown



- INTERIOR AND EXTERIOR FINISHES, BY OTHERS, 1. NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

		REVISIONS		
	REV	DESCRIPTION	DATE	APPROVED
			"T" ANCHOR CLIP 1/2" WEDGE BOLT	
RETE	<u>I</u>		"T" ANCHOR CLIP 1/2" WEDGE BOLT 1/2 1/2 1/2 3 1/2" MIN EMBEDMENT	
EL-R WAL IN W	OF IVER L XL	S ALUMINUM c.r. laurence co., inc. rd., rock hill, sc 29730 ssg hurricane resistant wet glazed – lmi hvhz allation details	No. 6	2514 *====================================
DATE	¹ 12,	NWG NO. REV 08-03023 - /07/16 SHEET 14 OF 24 ROBERTO LOMAS P.E.	SIONA	
	NOODI	FORD RD LEWISVILLE, NC 27023 609 rllomas@lrlomaspe.com	Luis R. Lo FL No.:	omas P.E. 62514

DRAWN:

SCALE NTS

R.L.

 \frown

REV INTERIOR INTERIOR "L" ANCHOR "L" ANCHOR CLIP CLIP \bigcirc \bigcirc 1/2" LAG 1/2"-13 SCREW GRADE 5 BOLT WITH NUT AND LOCKWASHER EXTERIOR EXTERIOR "L" ANCHOR "L" ANCHOR 1/2"-13 CLIP CLIP GRADE 5 BOLT WITH NUT AND LOCKWASHER 1/2" LAG SCREW 1/2" MAX 1/2" MAX

2" MIN EMBEDMENT 1" MIN EDGE DISTANCE WOOD FRAMING 2" MIN OR 2X BUCK EDGE DISTANCE BY OTHERS MULLION INSTALLATION DETAIL MULLION INSTALLATION DETAIL WITH "L" ANCHOR CLIP WITH "L" ANCHOR CLIP WOOD FRAMING OR 2X BUCK INSTALLATION METAL STRUCTURE INSTALLATION SILL SHOWN, HEAD SIMILAR

SILL SHOWN, HEAD SIMILAR SEE CHART #10 FOR RATINGS

DRAWN: DWG NO. R.L. SCALE NTS DATE 12/07/16

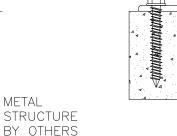
NOTES:

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

SEE CHART #8 FOR RATINGS

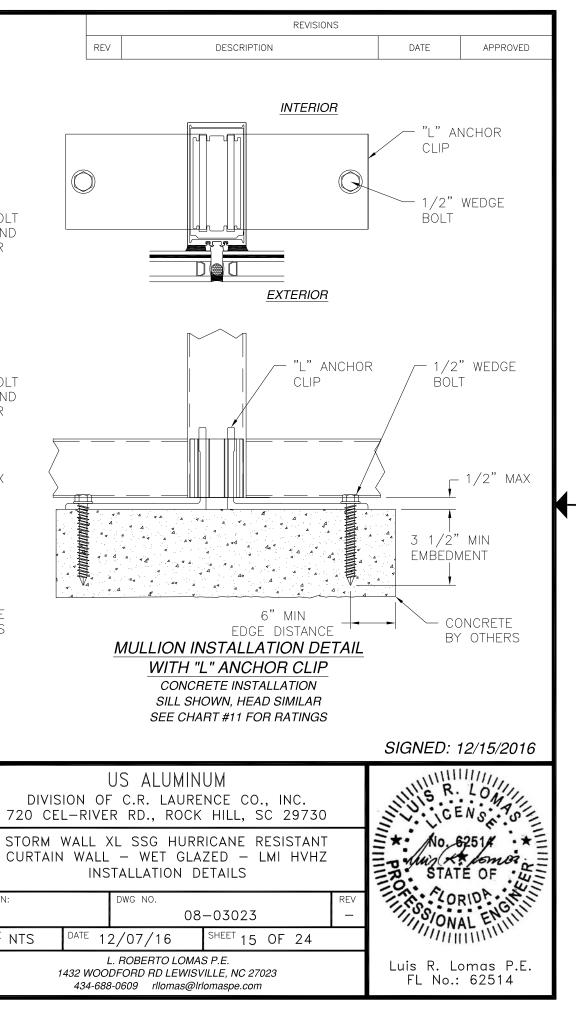
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

 \bigcirc



METAL





INTERIOR "L" ANCHOR CLIP 1/2"-13 GRADE 5 BOLT WITH NUT AND

EXTERIOR "L" ANCHOR CLIP 1/2" LAG SCREW 1/2" MAX 2" MIN EMBEDMENT WOOD FRAMING 2" MIN OR 2X BUCK EDGE DISTANCE BY OTHERS

INTERIOR

"L" ANCHOR

1/2" LAG

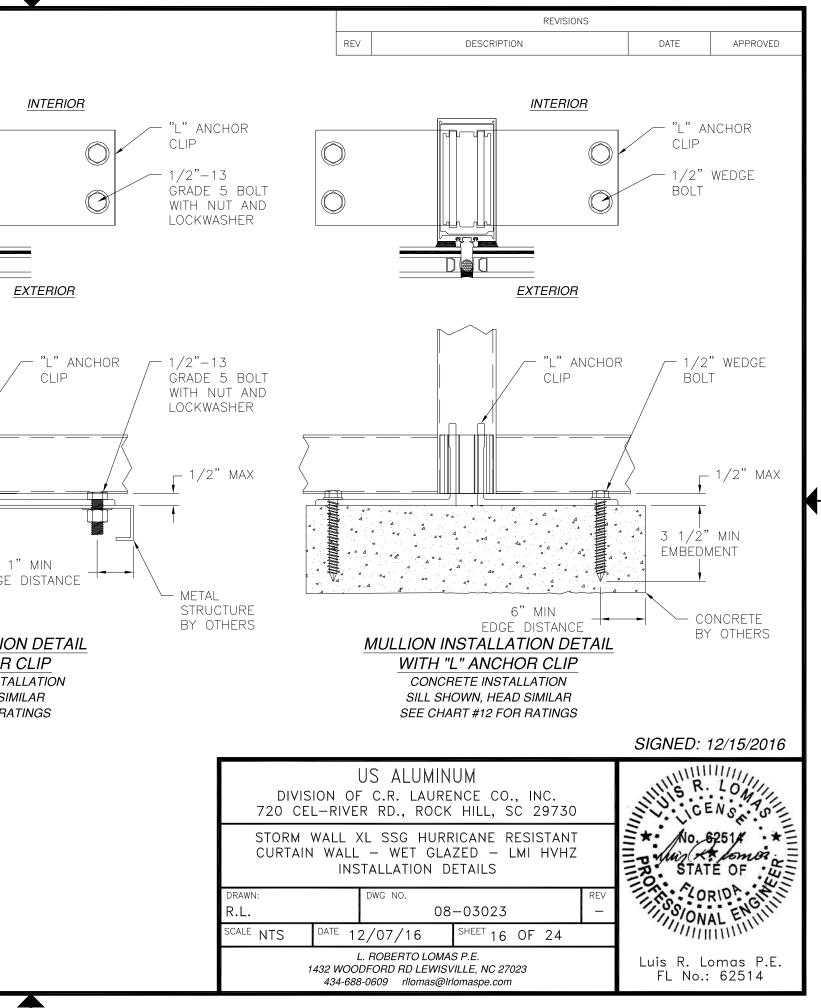
SCREW

CLIP

"L" ANCHOR 1/2"-13 CLIP 1" MIN EDGE DISTANCE METAL

MULLION INSTALLATION DETAIL WITH "L" ANCHOR CLIP METAL STRUCTURE INSTALLATION

SILL SHOWN, HEAD SIMILAR SEE CHART #10 FOR RATINGS



NOTES:

 \bigcirc

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

MULLION INSTALLATION DETAIL

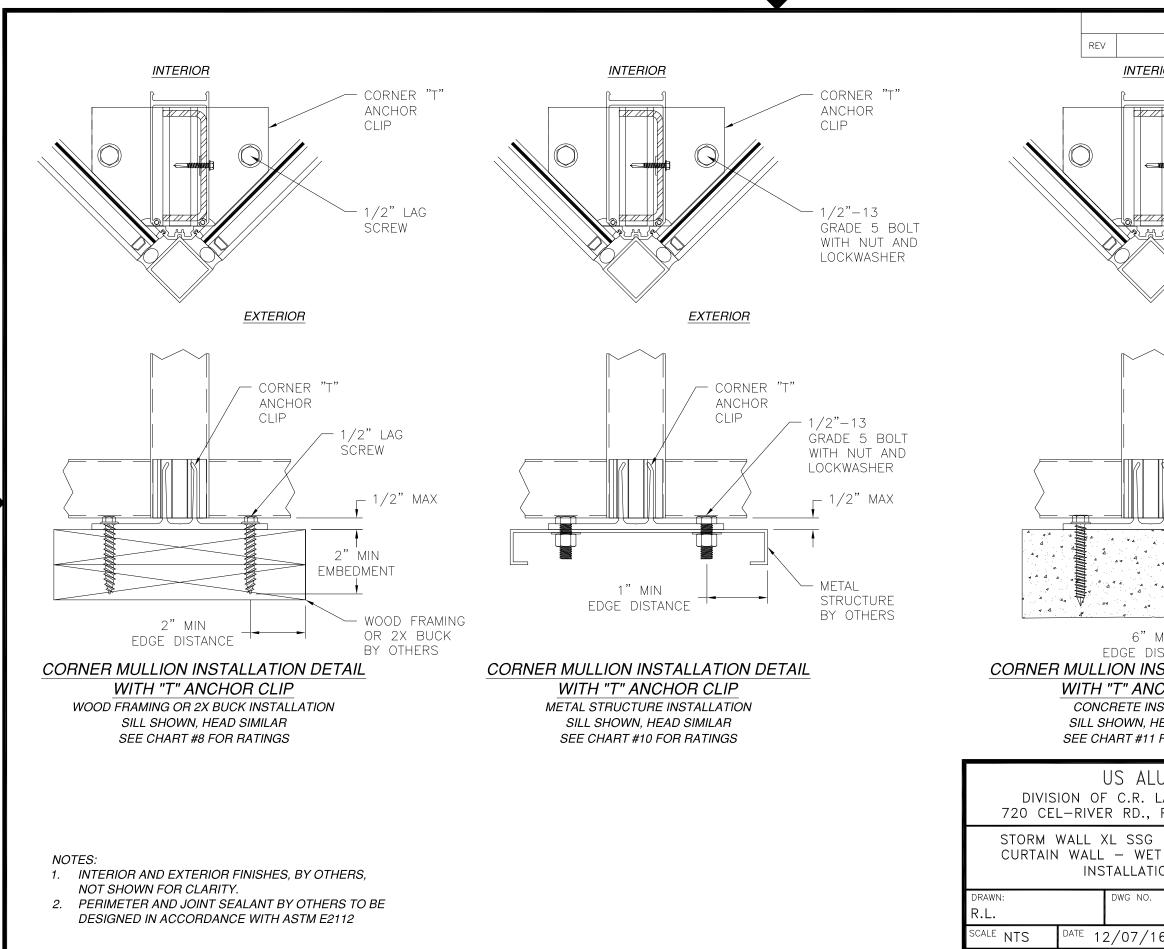
WITH "L" ANCHOR CLIP

WOOD FRAMING OR 2X BUCK INSTALLATION

SILL SHOWN, HEAD SIMILAR

SEE CHART #9 FOR RATINGS

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



 \mathbf{T}

434-688-0609 rllor

REVISIONS		
DESCRIPTION	DATE	APPROVED
lor		
	NER "T"	
ANC	HOR	
CLIF)	
BOL	"WEDGE T	
//		
EXTERIOR		
\searrow		
CORNER "T"		
ANCHOR CLIP		
	DGE	
BOLT		
	1/2" MAX	
3 1/2" EMBEDN		
	DNCRETE	
	OTHERS	
CHOR CLIP		
STALLATION		
EAD SIMILAR FOR RATINGS		
· · · · · · · · · · · · · · · · · · ·	SIGNED: 1	12/15/2016
UMINUM	1111111	10/1/
LAURENCE CO., INC. Rock Hill, SC 29730	11/115	NALL
	1	0.00
HURRICANE RESISTANT GLAZED – LMI HVHZ	EX. No.	2514 *=
ON DETAILS	ER. STAT	E OF
REV	10.10	RIDA
08-03023 -	11,SION	AL ENILITY
6 SHEET 17 OF 24	m	IIIIII
O LOMAS P.E. LEWISVILLE, NC 27023	Luis R. Lo	omas P.E.
pmas@lrlomaspe.com	∎ FL No.:	62514

L. ROBERTO 1432 WOODFORD RD L

Chart #7

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

Chart #6 Design pressure for anchoring into wood with (2) anchors per clip

Design p	Design pressure for anchoring into wood with (2) anchors per clip											
Frame				Tribu	tary widi	th (in)						
Height (in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0			
60.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
66.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
72.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
78.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
84.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
96.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
102.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
108.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
114.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
120.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
126.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
132.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0			
138.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	89.9			
144.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.1			
150.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	82.7			
156.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.7	79.5			
162.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.5	76.5			
168.0	90.0	90.0	90.0	90.0	90.0	90.0	88.6	80.5	73.8			
174.0	90.0	90.0	90.0	90.0	90.0	90.0	85.5	77.7	71.3			
175.0	90.0	90.0	90.0	90.0	90.0	90.0	85.0	77.3	70.9			

int	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	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
66.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
72.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
78.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
84.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
96.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
102.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
108.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
114.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
120.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
126.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
132.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
138.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
144.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
150.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
156.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
162.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
168.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
174.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
175.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	

		REVISIONS		
	REV	DESCRIPTION	DATE	APPROVED
			SIGNED: 1	12/15/2016
	US	s aluminum	SIGNED:	12/15/2016
	V OF	C.R. LAURENCE CO., INC.	SIGNED:	12/15/2016
720 CEL-	N OF RIVER	C.R. LAURENCE CO., INC. RD., ROCK HILL, SC 29730		12/15/2016
720 CEL- STORM WA CURTAIN V	N OF RIVER LL XL VALL -	C.R. LAURENCE CO., INC. RD., ROCK HILL, SC 29730 SSG HURRICANE RESISTANT - WET GLAZED – LMI HVHZ	SIGNED:	12/15/2016
720 CEL– STORM WA CURTAIN V INSTALL	N OF RIVER LL XL VALL - ATION	C.R. LAURENCE CO., INC. RD., ROCK HILL, SC 29730 SSG HURRICANE RESISTANT - WET GLAZED – LMI HVHZ DETAILS RATING CHARTS	SIGNED:	12/15/2016
720 CEL- STORM WA CURTAIN W INSTALL	N OF RIVER LL XL VALL - ATION	C.R. LAURENCE CO., INC. RD., ROCK HILL, SC 29730 SSG HURRICANE RESISTANT - WET GLAZED – LMI HVHZ DETAILS RATING CHARTS	SIGNED:	12/15/2016
720 CEL- STORM WA CURTAIN V INSTALL DRAWN: R.L.	N OF RIVER LL XL VALL - ATION	C.R. LAURENCE CO., INC. RD., ROCK HILL, SC 29730 SSG HURRICANE RESISTANT - WET GLAZED – LMI HVHZ DETAILS RATING CHARTS WG NO. 08-03023 REV -	SIGNED:	12/15/2016
720 CEL- STORM WA CURTAIN V INSTALL DRAWN: R.L. SCALE NTS DA	N OF RIVER LL XL VALL - ATION TE 12/ L. F	C.R. LAURENCE CO., INC. RD., ROCK HILL, SC 29730 SSG HURRICANE RESISTANT - WET GLAZED – LMI HVHZ DETAILS RATING CHARTS	SIGNED:	LOM Non You E OF HUILING

Chart #8

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

Frame				<u> </u>	tary wid		/		
Height (in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0
60.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
66.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
72.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.1
78.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.7	79.5
84.0	90.0	90.0	90.0	90.0	90.0	90.0	88.6	80.5	73.8
90.0	90.0	90.0	90.0	90.0	90.0	90.0	82.7	75.2	68.9
96.0	90.0	90.0	90.0	90.0	90.0	86.1	77.5	70.5	64.6
102.0	90.0	90.0	90.0	90.0	90.0	81.0	72.9	66.3	60.8
108.0	90.0	90.0	90.0	90.0	86.1	76.5	68.9	62.6	57.4
114.0	90.0	90.0	90.0	90.0	81.6	72.5	65.3	59.3	54.4
120.0	90.0	90.0	90.0	88.6	77.5	68.9	62.0	56.4	51.7
126.0	90.0	90.0	90.0	84.4	73.8	65.6	59.0	53.7	49.2
132.0	90.0	90.0	90.0	80.5	70.5	62.6	56.4	51.2	47.0
138.0	90.0	90.0	89.9	77.0	67.4	59.9	53.9	49.0	44.9
144.0	90.0	90.0	86.1	73.8	64.6	57.4	51.7	47.0	43.1
150.0	90.0	90.0	82.7	70.9	62.0	55.1	49.6	45.1	41.3
156.0	90.0	90.0	79.5	68.1	59.6	53.0	47.7	43.4	39.7
162.0	90.0	90.0	76.5	65.6	57.4	51.0	45.9	41.8	38.3
168.0	90.0	88.6	73.8	63.3	55.4	49.2	44.3	40.3	36.9
174.0	90.0	85.5	71.3	61.1	53.4	47.5	42.8	38.9	35.6
175.0	90.0	85.0	70.9	60.7	53.1	47.2	42.5	38.6	35.4

Chart #9

Design pressure for anchoring into wood with (4) anchors per clip

Frame				Tribu	tary widt	th (in)					
Height (in)	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0		
60.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
66.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
72.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
78.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
84.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
96.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
102.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
108.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
114.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
120.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
126.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
132.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
138.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	89.9		
144.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.1		
150.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	82.7		
156.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.7	79.5		
162.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.5	76.5		
168.0	90.0	90.0	90.0	90.0	90.0	90.0	88.6	80.5	73.8		
174.0	90.0	90.0	90.0	90.0	90.0	90.0	85.5	77.7	71.3		
175.0	90.0	90.0	90.0	90.0	90.0	90.0	85.0	77.3	70.9		

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

Chart #10 Design pressure for anchoring into metal structure

with (2) or (4) anchors per clip

			(=) 0!								
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	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
66.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
72.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
78.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
84.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
96 .0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
102.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
108.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
114.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
120.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
126.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
132.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
138.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
144.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
150.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
156.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
162.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
168.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
174.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
175.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		

Chart #11

Design pre	Design pressure for anchoring into concrete 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	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
66.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
72.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
78.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
84.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
96.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
102.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
108.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
114.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
120.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
126.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
132.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
138.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
144.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
150.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	89.1		
156.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	85.6		
162.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	82.5		
168.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	86.8	79.5		
174.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.8	76.8		
175.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	83.3	76.3		

 \frown

US ALI DIVISION OF C.R. L 720 CEL-RIVER RD., STORM WALL XL SSG CURTAIN WALL - WET INSTALLATION DETA DWG NO. DRAWN: R.L. ^{SCALE} NTS DATE 12/07/1 L. ROBERTO 1432 WOODFORD RD 434-688-0609 rllo

REV

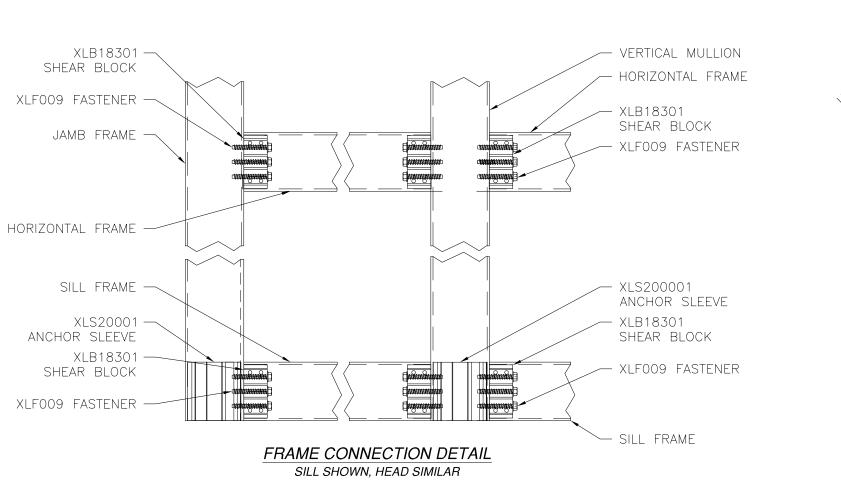
REVISIONS		
DESCRIPTION	DATE	APPROVED

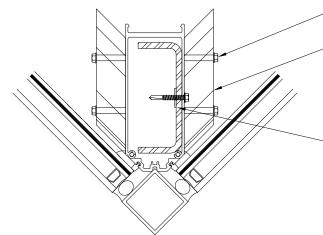
Chart #12

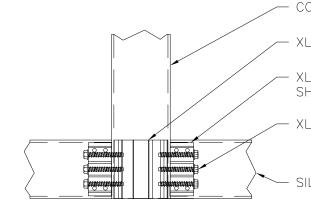
Design pressure for anchoring into concrete with (4) anchors per clip

			SIGNED: 12/15/2016
	UM nce co., inc. hill, sc 29730		LICENS R. LOM
T GLA	CANE RESISTANT ZED – LMI HVHZ ATING CHARTS		No. 6251# *
08	-03023	REV	SONAL ENGLIS
6	^{SHEET} 19 OF 24		
	S P.E. /ILLE, NC 27023 /omaspe.com		Luis R. Lomas P.E. FL No.: 62514

SIGNED: 12/15/2016



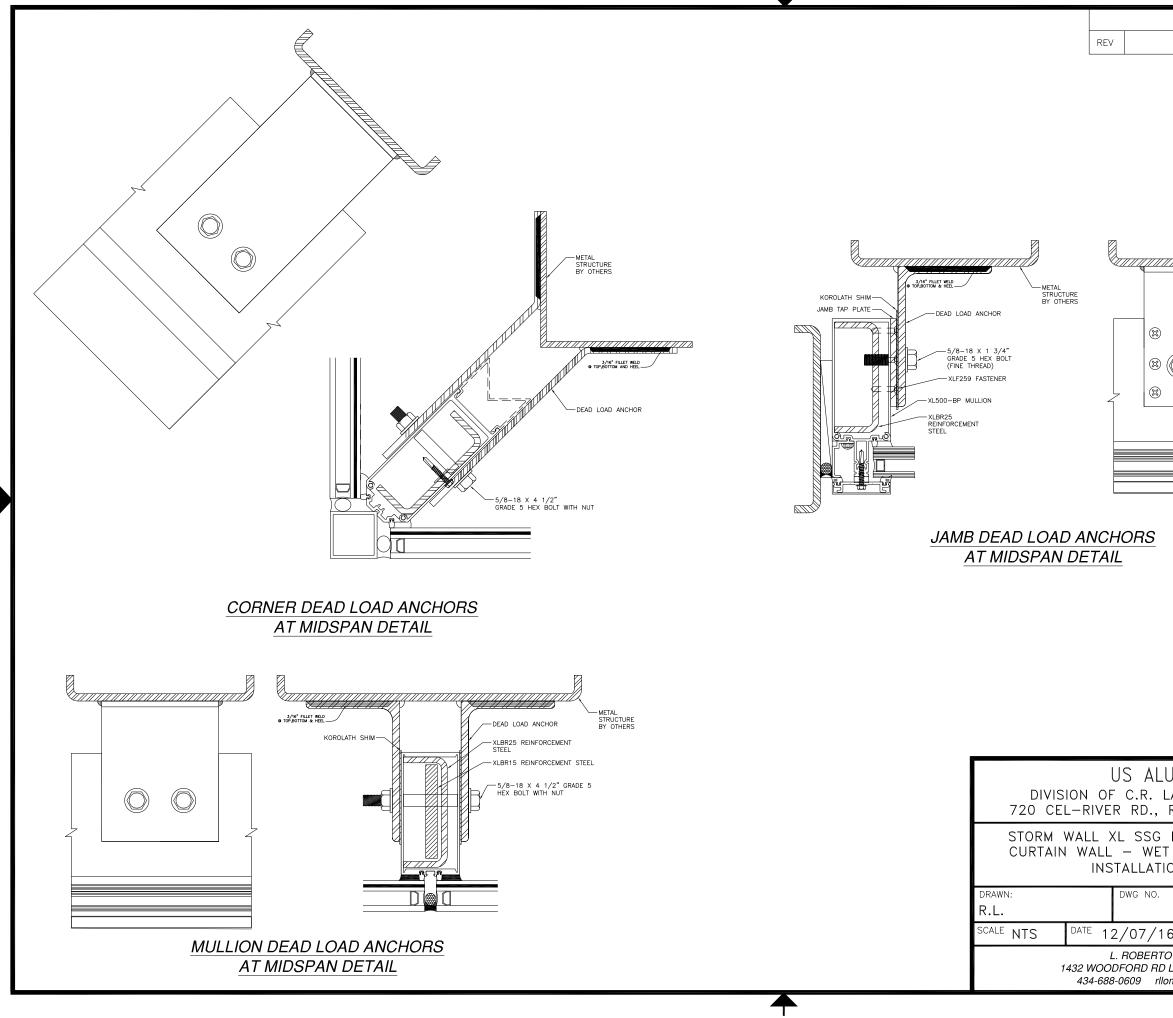




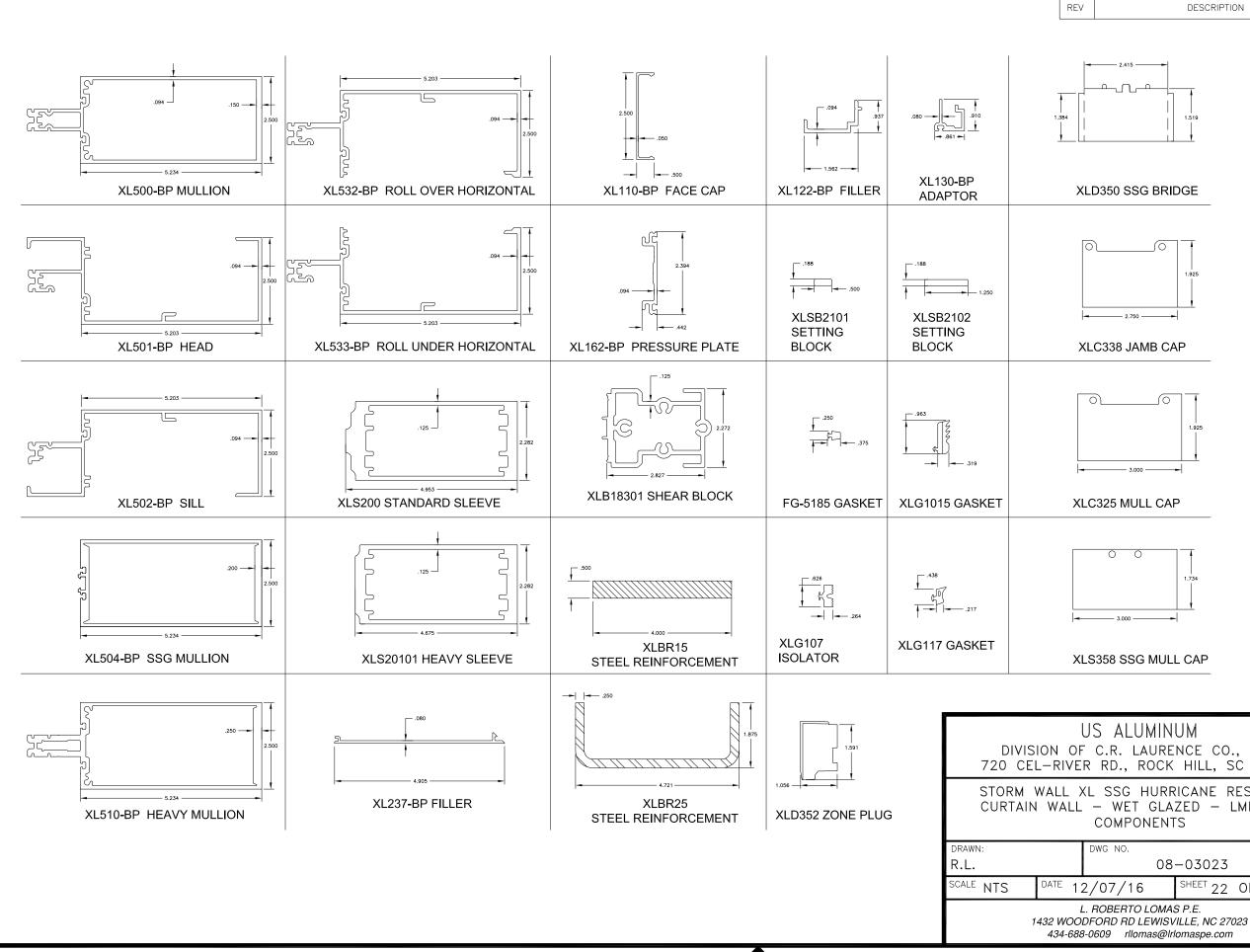
CORNER FRA

SILL S

		REVISIONS		
	REV	DESCRIPTION	DATE	APPROVED
	· I			
		XLF009 FASTENER		
		XLB18001		
		CORNER SHEAR BLOCK		
		XLS19101 SPLICE		
\otimes				
		- CORNER		
	/ /	- XLS19101 SPLICE		
		VI D 4 0 7 0 4		
		— XLB18301 Shear Block		
	$ \rightarrow $	— XLF009 FASTENER		
		— SILL FRAME		
AME CONNECTIO		<u>A/L</u>		
SHOWN, HEAD SIMILAR	?			
			SIGNED:	12/15/2016
	٦IJ	ALUMINUM		11/1/1
	OF C.	R. LAURENCE CO., INC.	11111'S R.	LOMIL
		D., ROCK HILL, SC 29730	I. Joe	NSK. OI
		SSG HURRICANE RESISTANT WET GLAZED – LMI HVHZ	=*: No.	£251# ·★Ξ
CONTAIN W		LATION DETAILS	ER STAT	EOF
DRAWN:	DWG	NO. REV	10:510	RIDA
R.L.		08-03023 -	11,SION	AL ENITITY
SCALE NTS	E 12/0		/////	111111
	WOODFOF	BERTO LOMAS P.E. D RD LEWISVILLE, NC 27023		omas P.E. 62514
43	4-688-0609) rllomas@lrlomaspe.com	FL NU.:	02014



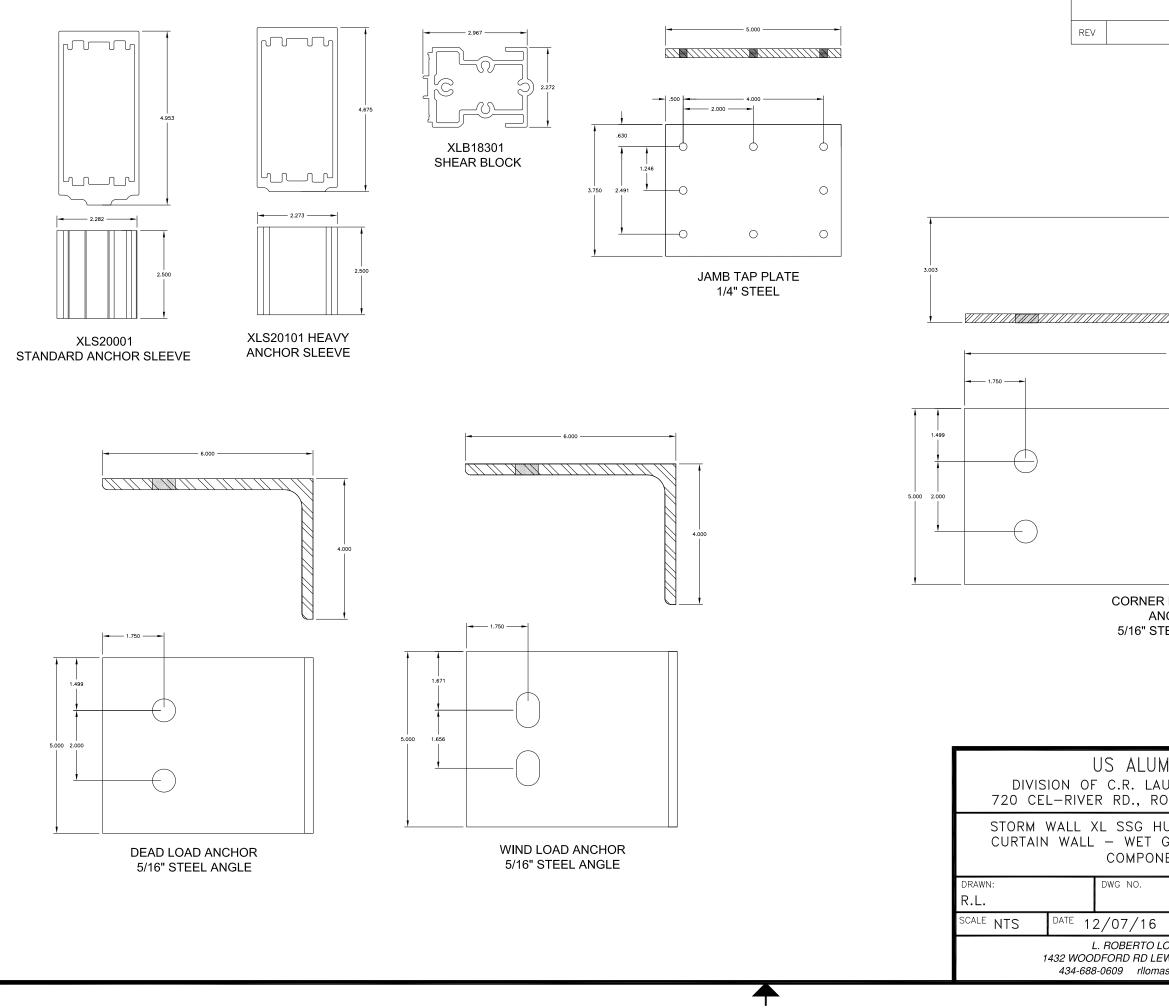
REVISIONS		
DESCRIPTION	DATE	APPROVED
	SIGNED: 1	
UMINUM		
LAURENCE CO., INC. ROCK HILL, SC 29730	INDI CE	NSASS
HURRICANE RESISTANT	Ex: No.	\$251x *=
T GLAZED — LMI HVHZ ION DETAILS	E P Muis K	E OF
REV	100. 10	RIDA
08-03023 -	Luis R. Lo	AL ENGILIT
16 SHEET 21 OF 24		11111
D LEWISVILLE, NC 27023 Iomas@Irlomaspe.com		omas P.E. 62514

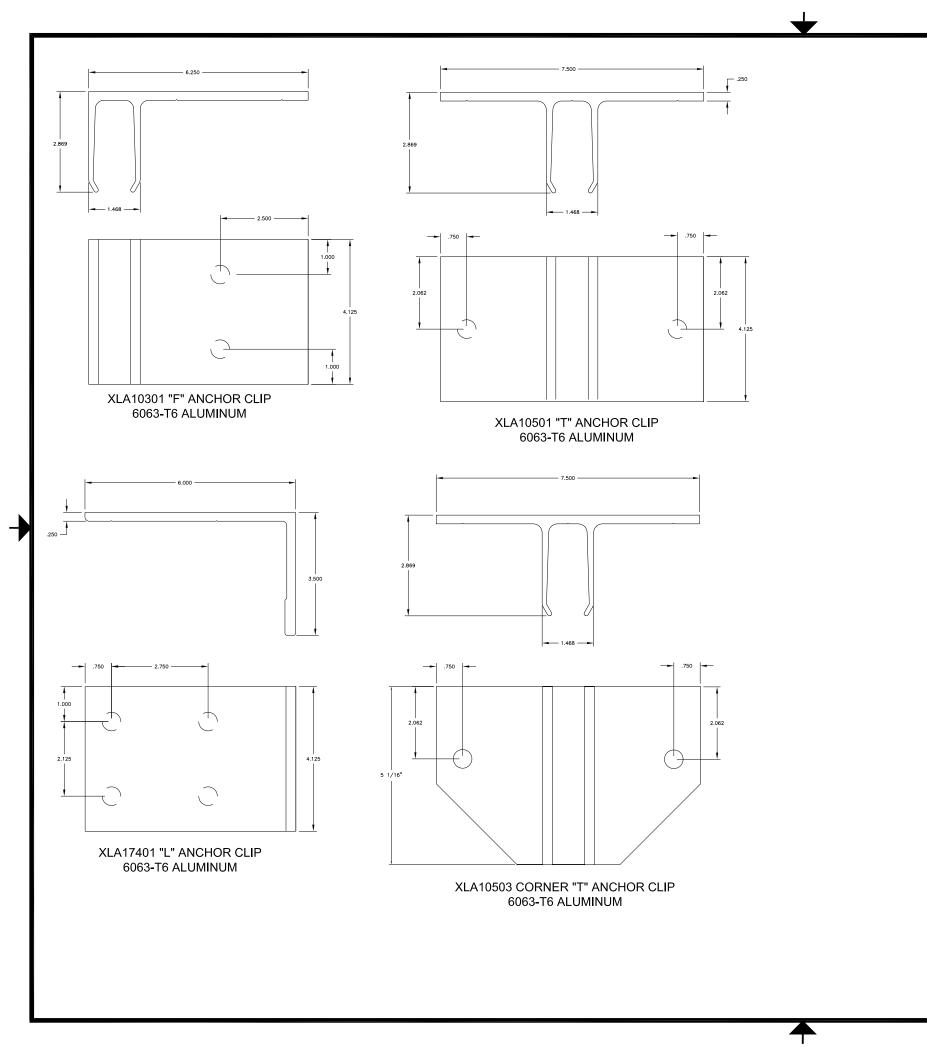


 \frown

REVISIONS			
DESCRIPTION	DATE	APPROVED	
SG BRIDGE			
IAMB CAP			
ULL CAP			
	SIGNED:	12/15/2016	
UMINUM LAURENCE CO., INC. ROCK HILL, SC 29730 HURRICANE RESISTANT T GLAZED – LMI HVHZ PONENTS 08–03023 16 SHEET 22 OF 24			
TO LOMAS P.E. D LEWISVILLE, NC 27023	Luis R. Lo Fl No ·	omas P.E. 62514	

FL No.: 62514





REVISIONS				
	REV	DESCRIPTION	DATE	APPROVED
			SIGNED:	12/15/2016
	U	S ALUMINUM	1111111	
DIVISION 720 CEL-E	I OF	C.R. LAURENCE CO., INC. RD., ROCK HILL, SC 29730		No A
		SSG HURRICANE RESISTANT	= *· 10	\$2514 . *=
	'ALL ·	– WET GLAZED – LMI HVHZ	= hun *	fomor =
		COMPONENTS WG NO. REV		
			11500	GIII
DRAWN: R.L.	L	08-03023 -	1/1,0/ON	AL ENILL
R.L.	E 12/	/07/16 SHEET 24 OF 24	111100N	AL ERITI
R.L. SCALE NTS DAT 1432	E 127 L. F WOODF		Luis R. L	omas P.E. 62514