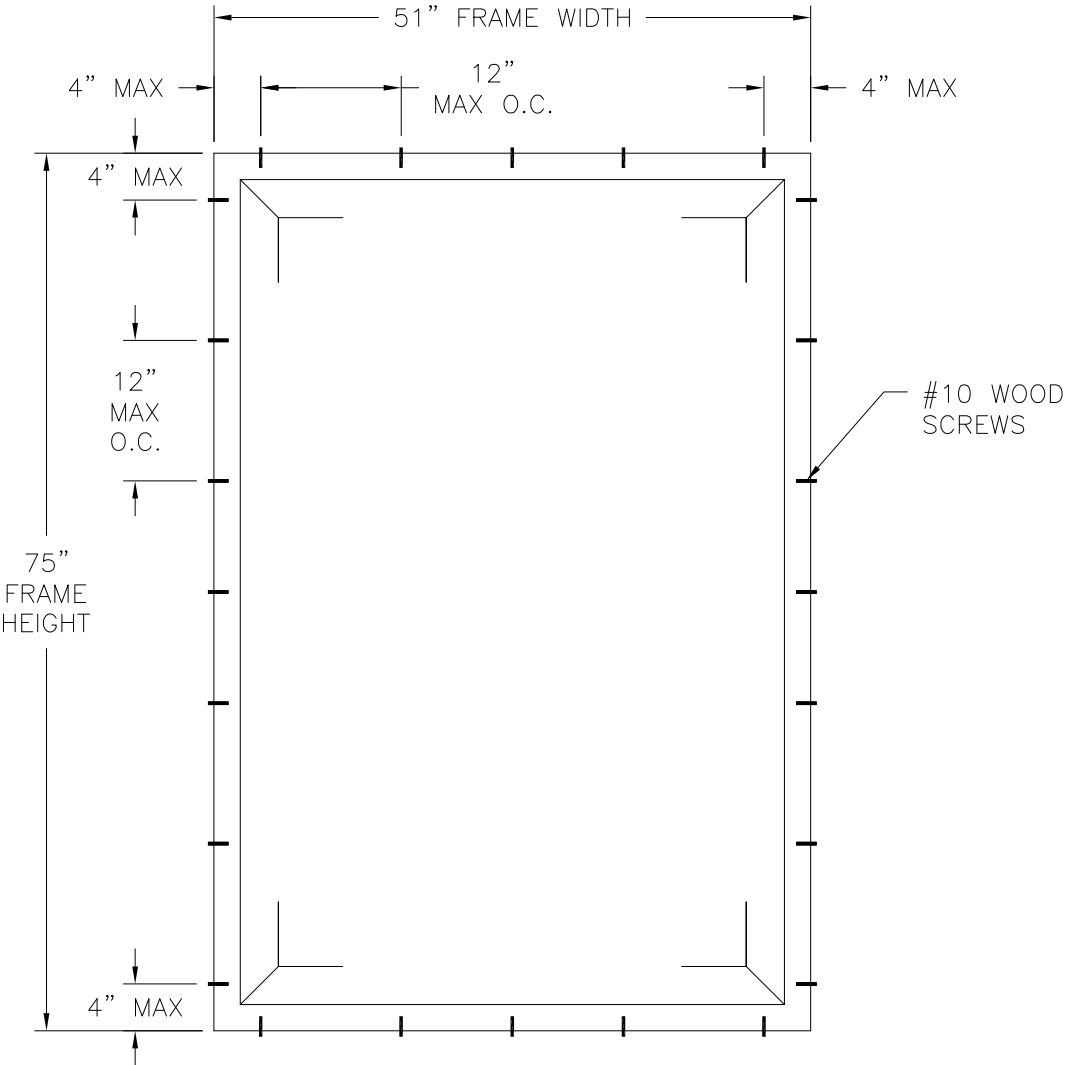




CWS2 DOME SKYLIGHT
PLAN VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

51" X 75" UNIT SHOWN. OTHER SIZES ARE APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 26.56 FT²

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND NOTES
2	INSTALLATION DETAILS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW TESTING	06/15/15	R.L.
B	ADD TRIPLE GLAZING OPTION	03/12/18	R.L.
C	CHANGE COMPANY'S NAME	10/28/19	R.L.

- NOTES:
- 1) THE PRODUCT SHOWN HERE IN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - 2) ROUGH OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. OPENING DESIGN IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 3) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 - 4) UNITS MUST BE GLAZED WITH .236" MINIMUM THICK EVONIK CYRO RESIST 65 MODIFIED ACRYLIC EXTERIOR AND INTERIOR DOME, OR .118" MINIMUM THICK CAST OR IMPACT MODIFIED ACRYLIC.
 - 5) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 6) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAILS.
 - 7) ALL FASTENERS TO BE CORROSION RESISTANT.
 - 8) INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
A. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42

VELUX AMERICA, LLC.
85 SPENCER DRIVE, UNIT A
WELLS, ME 04090

CWS2 DOME SKYLIGHT
51" X 75" – IMPACT – MODIFIED ACRYLIC
ELEVATION AND NOTES

DRAWN:
J.L.

DWG NO.
08-02306

REV
C

SCALE
NTS

DATE
03/25/14

SHEET
1 OF 2

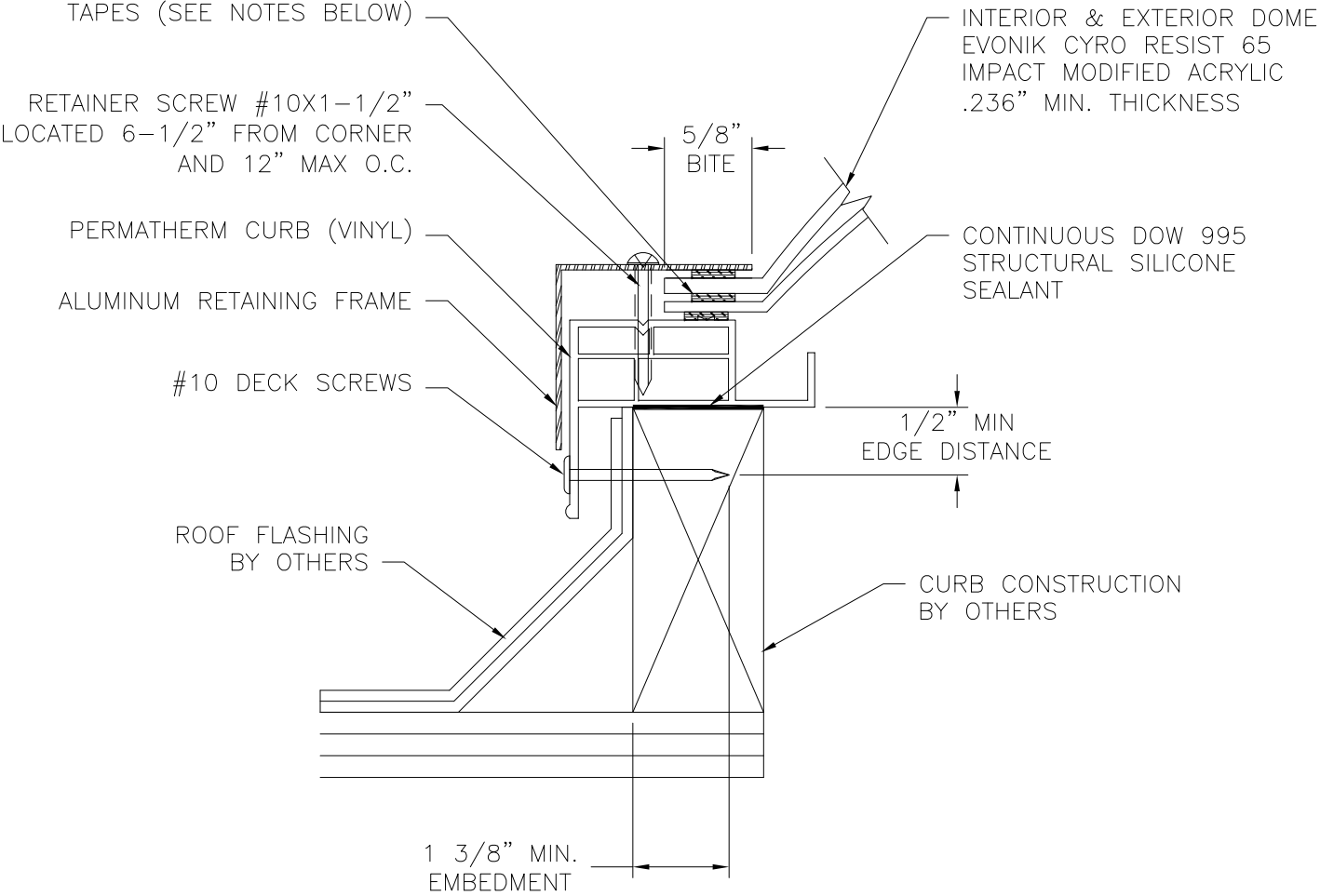
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 10/28/2019



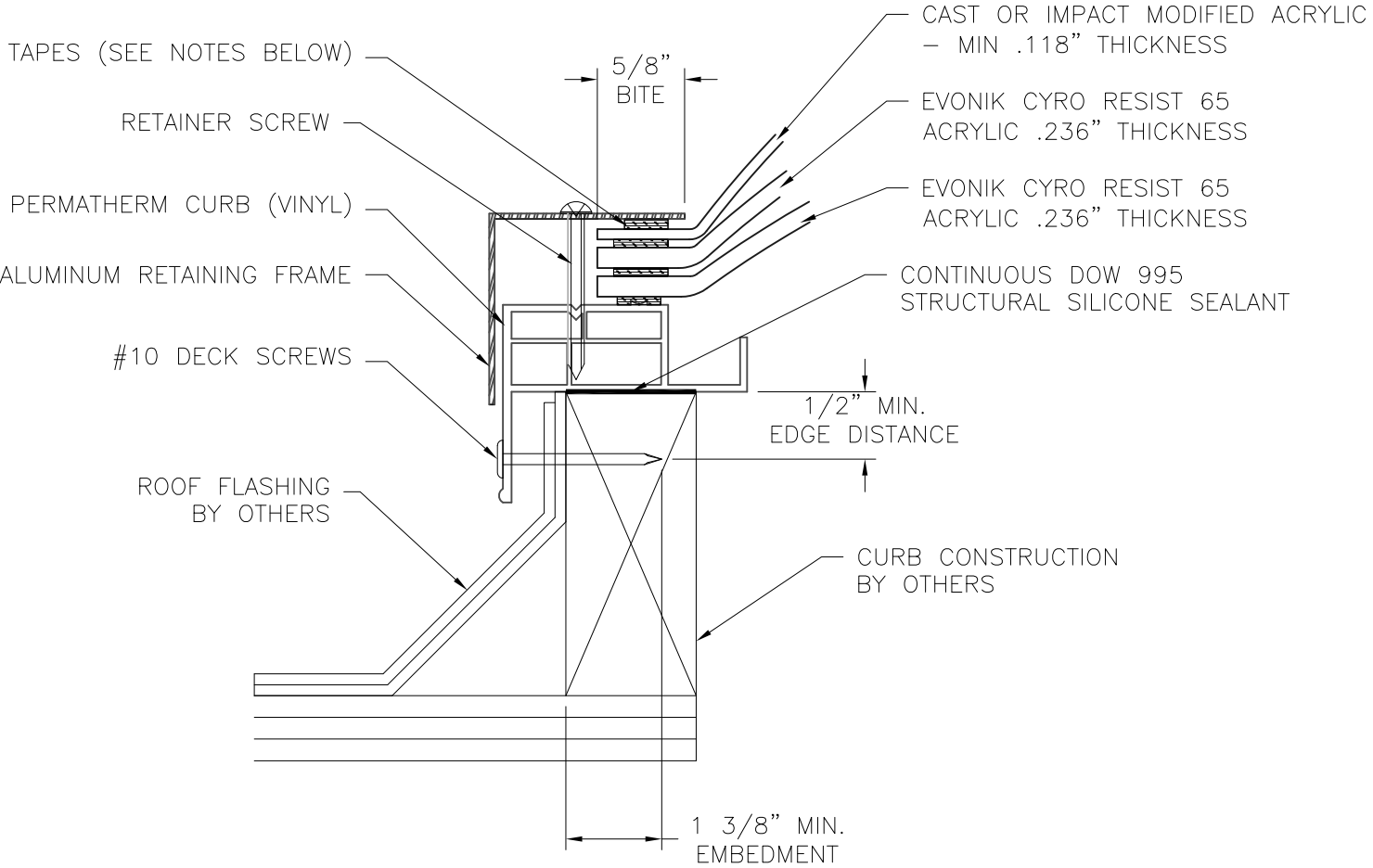
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW TESTING	06/15/15	R.L.
B	ADD TRIPLE GLAZING OPTION	03/12/18	R.L.
C	CHANGE COMPANY'S NAME	10/28/19	R.L.



INSTALLATION DETAIL (WITH DOUBLE GLAZING)

- TAPE ASSEMBLY DETAILS:***
- 1. .090 X 1/2" VHB TAPE (BETWEEN CURB & INNER DOME)*
 - 2. .1/8" X 5/8" EXPRESS TAPE (BETWEEN INNER & OUTER DOMES)*
 - 3. .1/8" X 1/2" BUTYL TAPE (BETWEEN OUTER DOME & RETAINER)*



INSTALLATION DETAIL (WITH TRIPLE GLAZING)

- TAPE ASSEMBLY DETAILS:***
- 1. .090 X 1/2" VHB TAPE (BETWEEN CURB & INNER DOME)*
 - 2. .1/8" X 5/8" EXPRESS TAPE (BETWEEN INNER & MIDDLE DOMES)*
 - 3. .1/8" X 5/8" EXPRESS TAPE (BETWEEN MIDDLE AND OUTER DOMES)*
 - 3. .1/8" X 1/2" BUTYL TAPE (BETWEEN OUTER DOME & RETAINER)*

SIGNED: 10/28/2019

VELUX AMERICA, LLC. 85 SPENCER DRIVE, UNIT A WELLS, ME 04090		
CWS2 DOME SKYLIGHT 51" X 75" – IMPACT – MODIFIED ACRYLIC INSTALLATION DETAILS		
DRAWN: J.L.	DWG NO. 08-02306	REV C
SCALE NTS	DATE 03/25/14	SHEET 2 OF 2
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



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