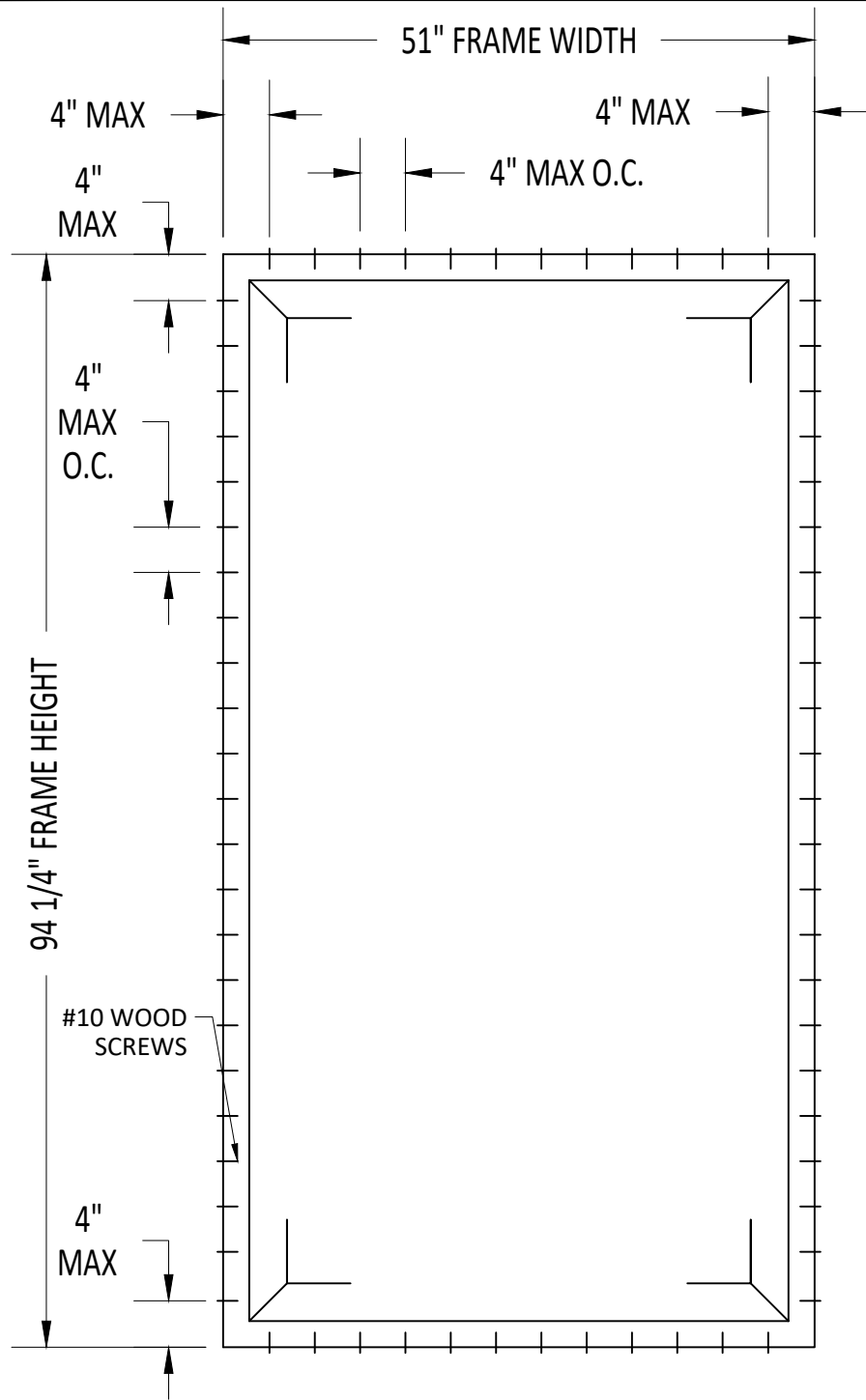


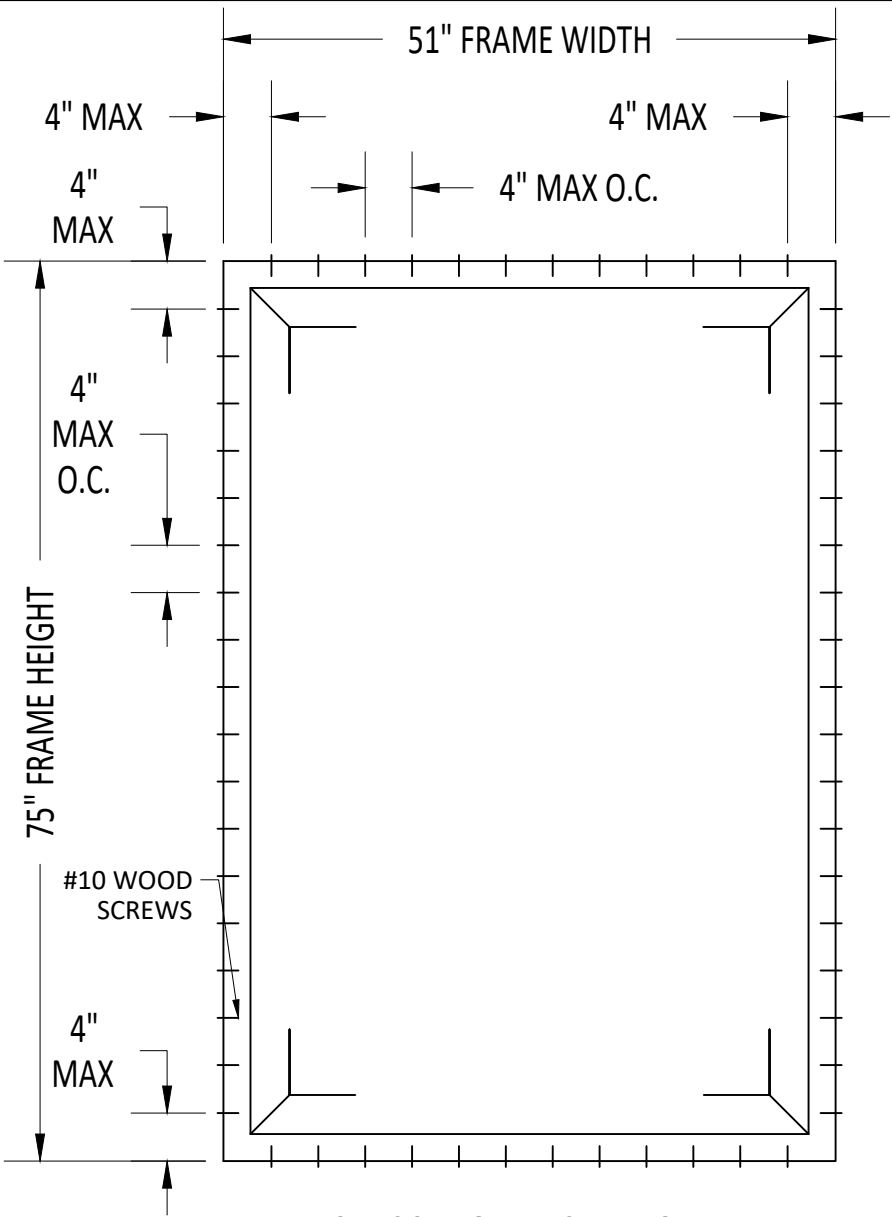


CWS2 DOME SKYLIGHT

PLAN VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±45.0 PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
51" X 94 1/4" UNIT SHOWN. OTHER SIZES ARE APPROVED AS LONG AS FRAME AREA DOES NOT EXCEED 33.38ft²

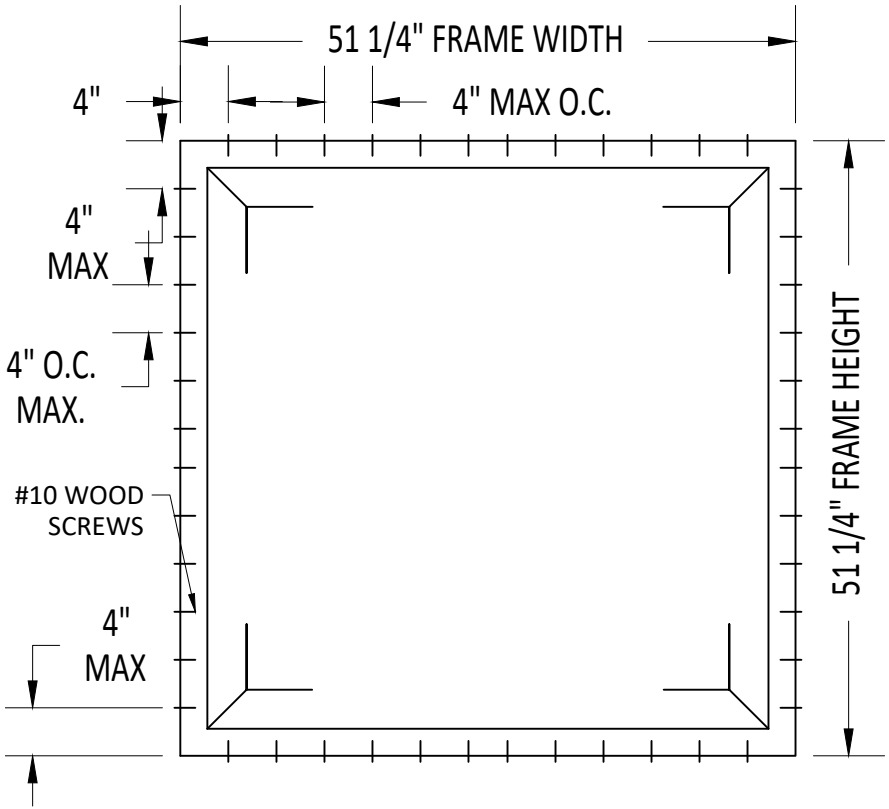


CWS2 DOME SKYLIGHT

PLAN VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±60.0 PSF	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 26.56ft²



CWS2 DOME SKYLIGHT

PLAN VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±75.0 PSF	LARGE AND SMALL MISSILE IMPACT

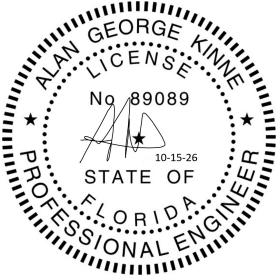
MISSILE LEVEL D, WIND ZONE 4
51 1/4" X 51 1/4" UNIT SHOWN. OTHER SIZES ARE APPROVED AS LONG AS FRAME AREA DOES NOT EXCEED 18.24ft²

NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 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.
- 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.
- ALL FASTENERS TO BE CORROSION RESISTANT.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
 - WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.55
- ALL EXPOSED FASTENERS USED ON SKYLIGHTS INSTALLED WITHIN 3,000 FT. FROM COASTAL SHORELINE TO COMPLY WITH SECTION 1711 OF THE FLORIDA BUILDING CODE, AND SECTION R332 OF THE FLORIDA BUILDING CODE, RESIDENTIAL.

VELUX®

VELUX AMERICA, LLC.
104 BEN CASEY DRIVE
FORT MILL, SC 29708



10/15/26
ALAN G. KINNE, P.E.
PE#89089

CWS2 DOME SKYLIGHT
IMPACT MODIFIED ACRYLIC
ELEVATION AND NOTES

PREPARED BY:
KINNE ENGINEERING LLC
523 S MOON DR
VENICE, FL 34292
ALAN@KINNEEC.COM

REV	DATE	DRAWN BY	DESCRIPTION
0	10/15/26	AGK	ORIGINAL ISSUE

DRAWING: VEL-FPA-CWS2

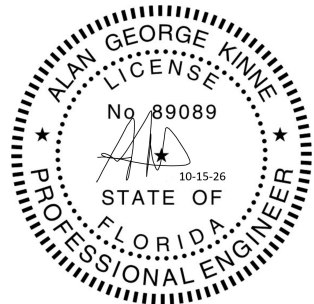
SCALE: N.T.S.

DATE: 10/15/2026

SHEET: 1 OF 2



VELUX AMERICA, LLC.
104 BEN CASEY DRIVE
FORT MILL, SC 29708



10/15/26
ALAN G. KINNE, P.E.
PE#89089

CWS2 DOME SKYLIGHT
IMPACT MODIFIED ACRYLIC
INSTALLATION DETAILS

PREPARED BY:
KINNE ENGINEERING LLC
523 S MOON DR
VENICE, FL 34292
ALAN@KINNEEC.COM

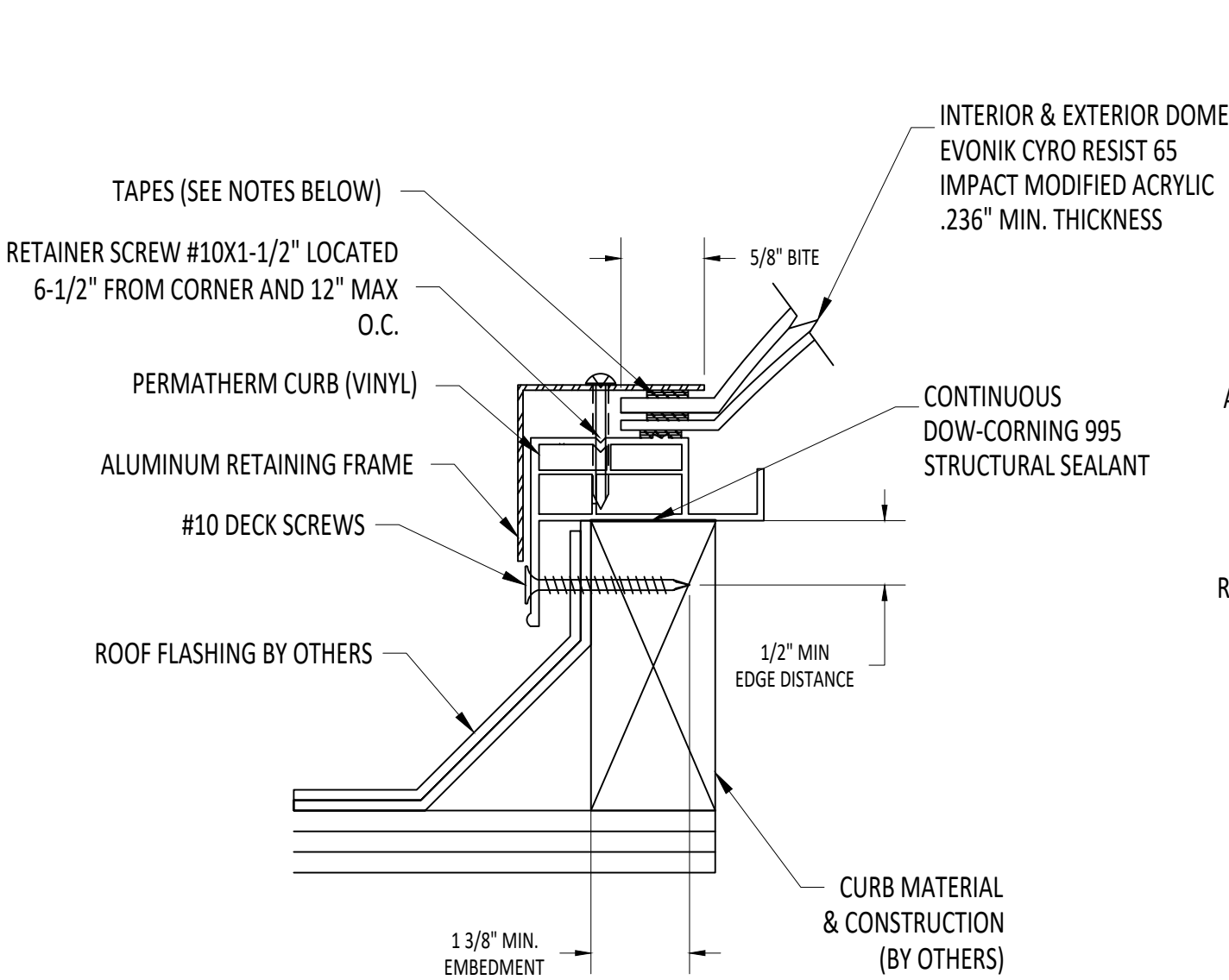
REV	DATE	DRAWN BY	DESCRIPTION
0	10/15/26	AGK	ORIGINAL ISSUE

DRAWING: VEL-FPA-CWS2

SCALE: N.T.S.

DATE: 10/15/2026

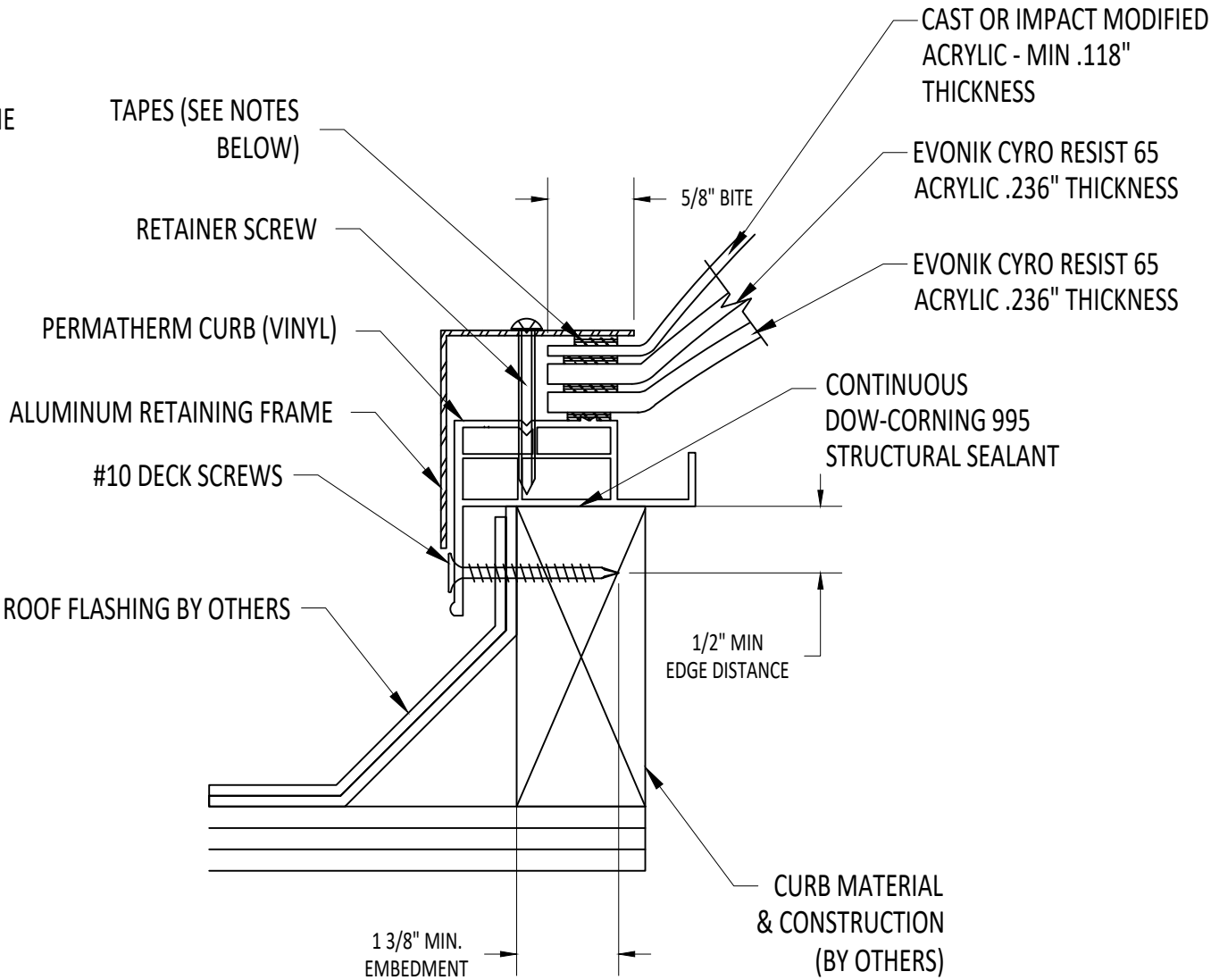
SHEET: 2 OF 2



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 & OUTER DOMES)
3. 1/8" X 5/8" EXPRESS TAPE (BETWEEN MIDDLE & OUTER DOMES)
4. 1/8" X 1/2" BUTYL TAPE (BETWEEN OUTER DOME & RETAINER)