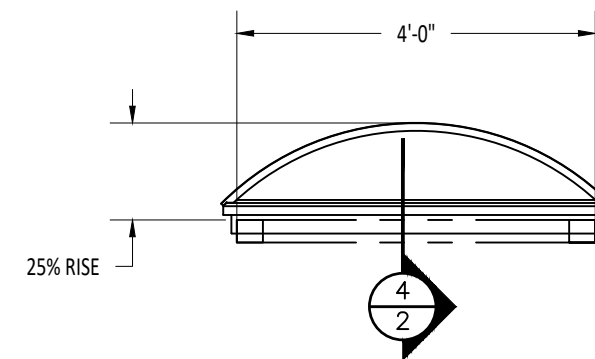
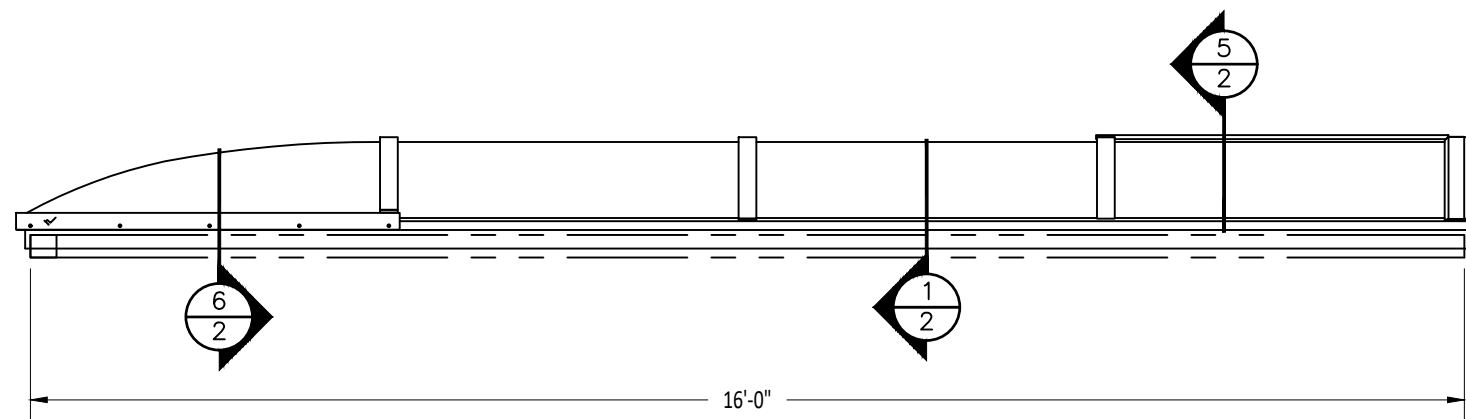
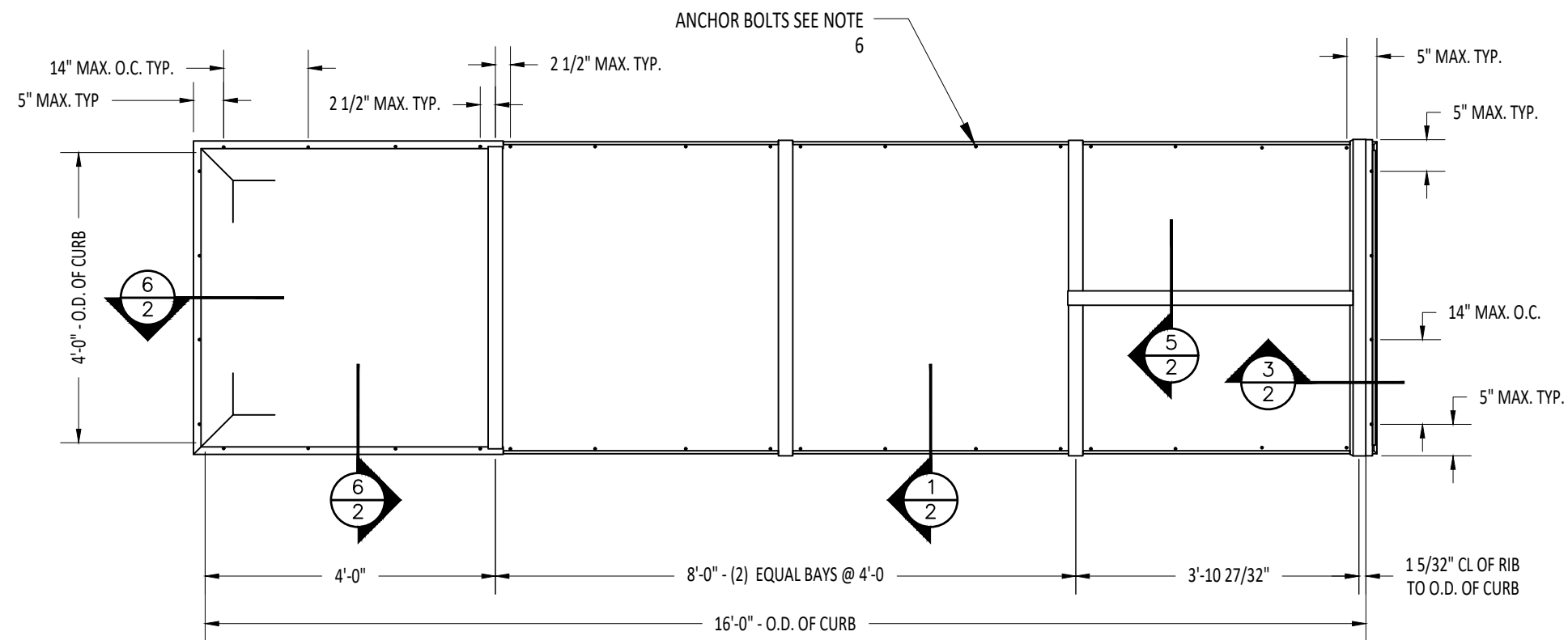




DBBV BARREL VAULT SKYLIGHT

UNITS MAY BE ANY LENGTH AS LONG AS BAYS DO NOT EXCEED 48" SPACING

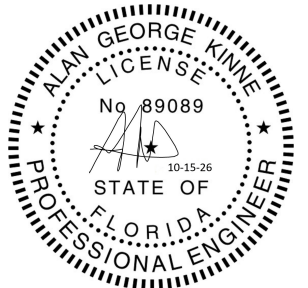
DESIGN PRESSURE RATING	IMPACT RATING
±40.0 PSF	NONE

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 REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- UNITS MUST BE GLAZED WITH 1/8" MINIMUM THICK ACRYLIC.
- ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
- FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE 3/8" LAG BOLTS OF SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAILS.
- 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

CBSD VARREL VAULT SKYLIGHT
ELEVATIONS 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-CBSD

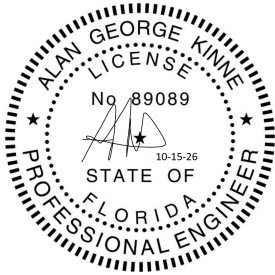
SCALE: N.T.S.

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

CBSD VARREL VAULT SKYLIGHT
INSTALLATION DETAILS

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

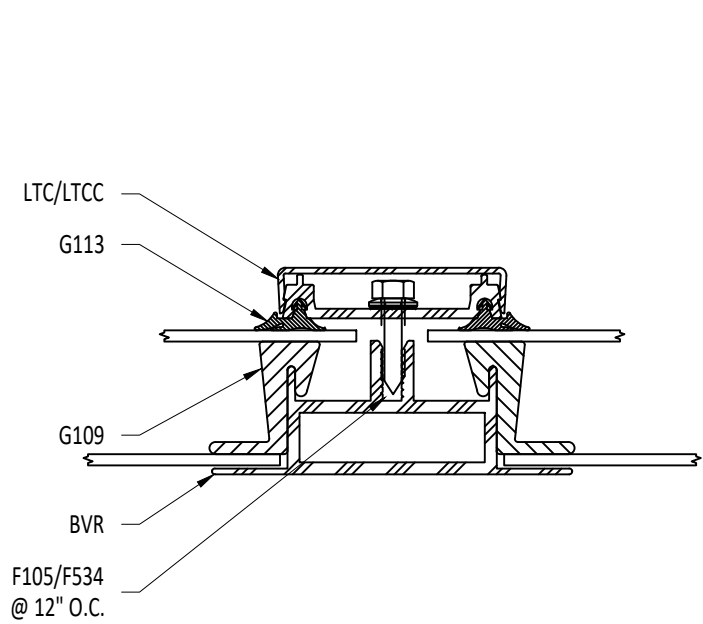
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0	10/15/26	AGK	ORIGINAL ISSUE

DRAWING: VEL-FPA-CBSD

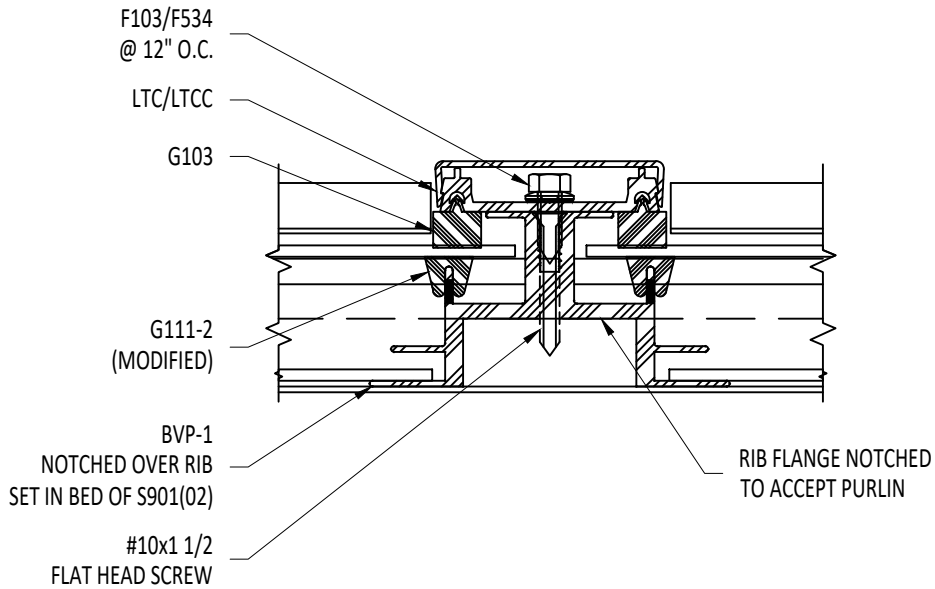
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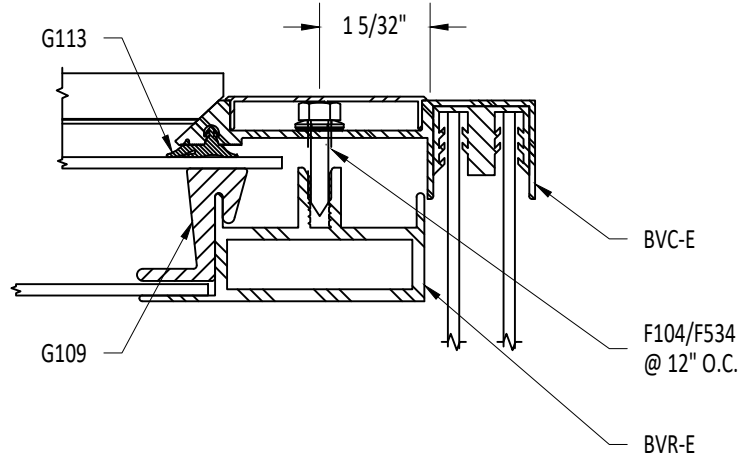
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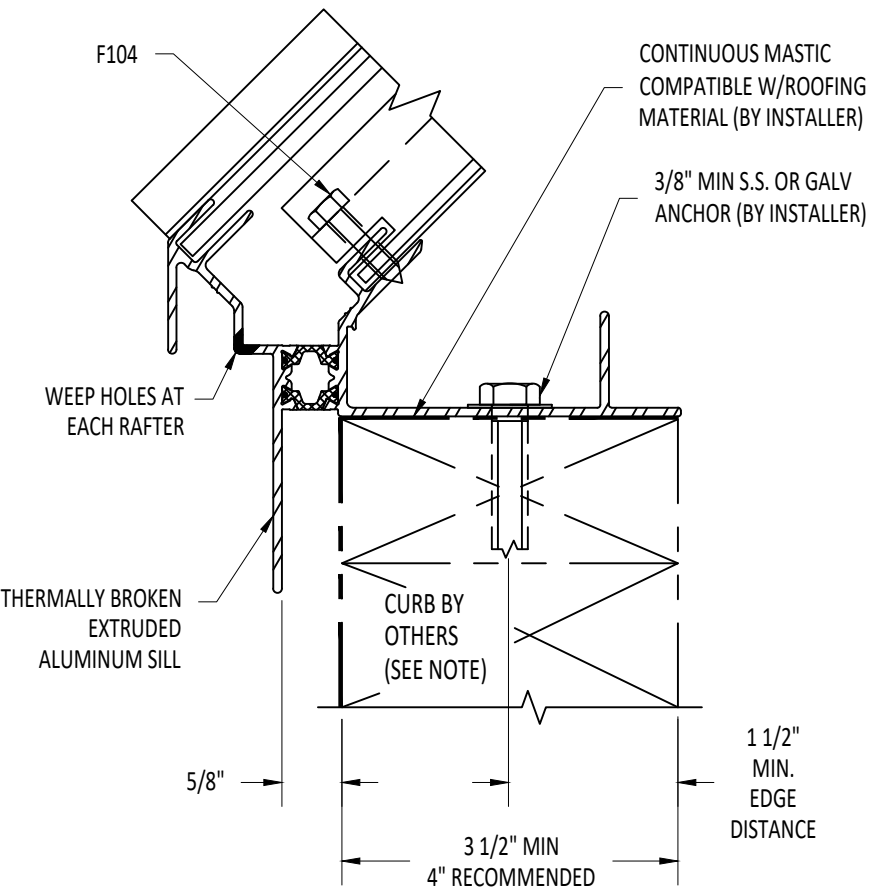
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2 RIB SECTION
SCALE: 6"=1'



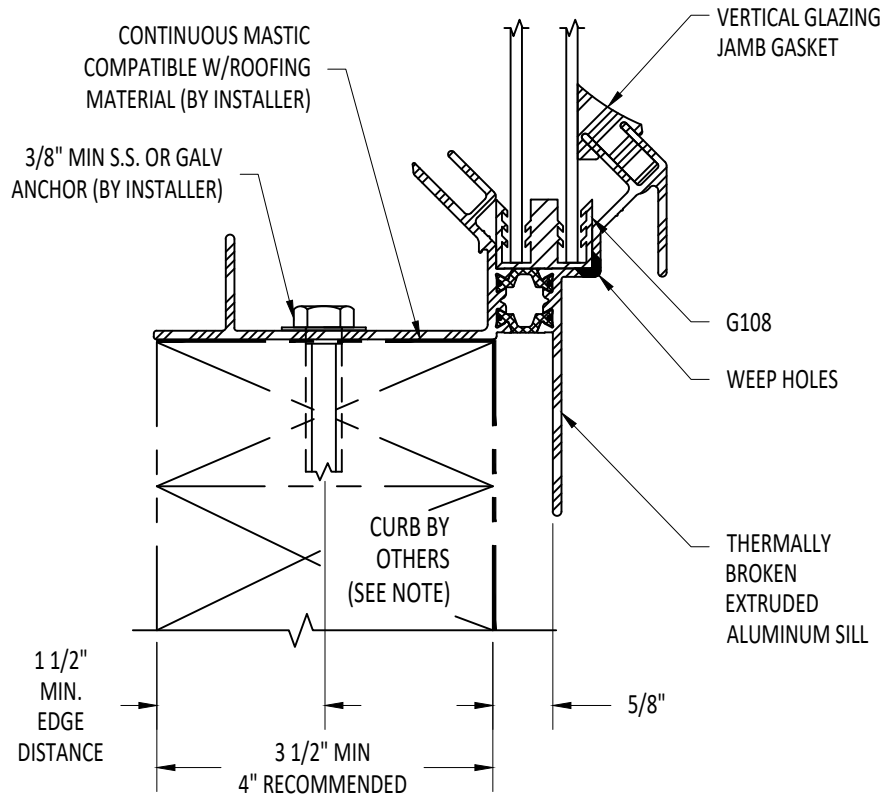
5
2 PURLIN SECTION
N.T.S.



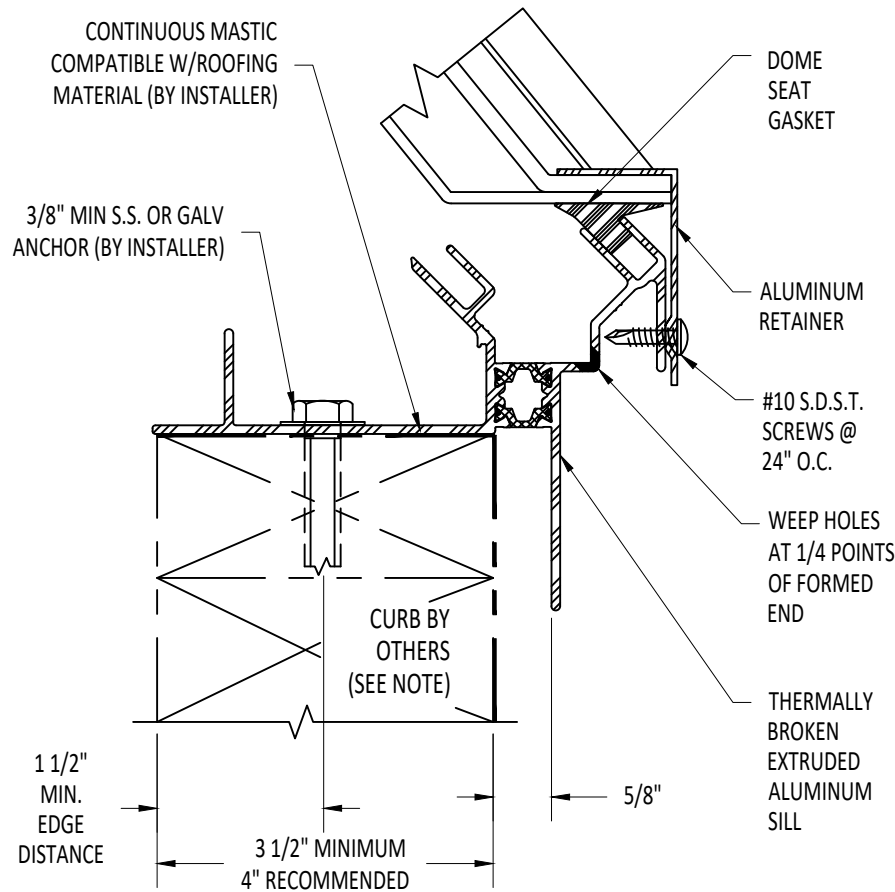
3
2 END RIB SECTION
N.T.S.



1
2 SILL SECTION
N.T.S.



4
2 END SILL SECTION
N.T.S.



6
2 FORMED END SILL SECTION
N.T.S.