

GENERAL NOTES:

1- FLUSH GLAZED SKYLIGHT SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2026 (9th EDITION) OF THE FLORIDA BUILDING CODE. THIS SKYLIGHT MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (HVHZ) AND OUT OF THEM (NHVHZ). MINIMUM SLOPE FOR SKYLIGHT SHALL BE 1/4"/FT. (CASES I, IA) & 1/2" /ft (CASE II) SKYLIGHT MUST BE FLUSH WITH ADJACENT ROOFING (SEE SHEETS 3 THRU 5) OR WITH CURBS (SEE SHEETS 6 THRU 8).

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 (HVHZ) & 1609 (NHVHZ) OF THE ABOVE MENTIONED CODE, FOR A BASIC WIND SPEED AS REQUIRED BY THE JURISDICTION WHERE THIS PRODUCT TO BE INSTALLED FOR A DIRECTIONALITY FACTOR Kd=0.85, USING ASCE 7-22 & SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2.

IN ORDER TO VERIFY THAT ANCHORS ON THIS P.E.D., AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH ANSI / AWC NDS-2024.

2- MAX. A.S.D. DESIGN PRESSURE RATING (p.s.f) & TEST REPORTS THAT QUALIFIED PRODUCT

LARGE & SMALL MISSILE SKYLIGHT: CASES I & IA (SHEETS 1 THRU 6) +75,-75 p.s.f ; 49 3/4" MAX. WIDE x 97 3/4" MAX. LONG.	LARGE & SMALL MISSILE SKYLIGHT: CASE II (SHEETS 7 THRU 8) +150,-150 p.s.f ; 60 7/8" MAX. WIDE x 60 7/8" MAX. LONG
TEST REPORTS USED TO QUALIFY PRODUCT LARGE & SMALL MISSILE SKYLIGHT LAB. NAME: AMERICAN TEST LAB OF SOUTH FL. REPORT #: ATLSF0617.01-19	TEST REPORT USED TO QUALIFY PRODUCT LAB. NAME: AMERICAN TEST LAB OF SOUTH FL. REPORT #: ATLS 0924.01-25

TESTING AS PER SECTIONS 1626 & 1609.1.2 OF THE FLORIDA BUILDING CODE, PER PROTOCOLS TAS 201 (50ft/SEC), 202, 203, PER INDICATED LABORATORY REPORT AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 ,1604 AND ASTM E- 1300, PER SECTION 2404.1 OF THE FLORIDA BUILDING CODE. WATER AND AIR INFILTRATION TESTING AS PER PROTOCOL TAS 202, QUALIFYING ASTM E 331 AND ASTM E 283 RESPECTIVELY AT 11.25 psf STATIC WATER PENETRATION (CASES I & IA) & 22.5 p.s.f STATIC WATER PENETRATION (CASE II)

3- STRUCTURAL ADEQUACY OF SUPPORTING STRUCTURAL MEMBERS IS NOT PART OF THIS P.E.D. STRUCTURAL DESIGN OF THE STRUCTURE THAT WILL PROVIDE SUPPORT TO THIS SKYLIGHT SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT. STRUCTURAL DESIGN SHALL INCLUDE AND TAKE INTO CONSIDERATION THE ACTUAL Vy LOADS TRANSFERRED FROM THIS SKYLIGHT TO THE SUPPORT STRUCTURE BASED ON DEAD, LIVE & WIND LOADS AND USING THE LOAD COMBINATIONS OF A.S.C.E. 7 STANDARD. ADEQUACY OF SUPPORTING STRUCTURAL MEMBERS SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT ON A JOB SPECIFIC BASIS.

4- ALL ALUMINUM EXTRUSIONS SHALL BE ALUMINUM ASSOCIATION ALLOY AND TEMPER AS SHOWN ON SHEET 2 & 7.

5- ALL SCREWS TO BE AS SHOWN ON BILL OF MATERIALS AND SHALL COMPLY WITH FLORIDA BUILDING CODE SECTIONS 2411.3.3.4 & 1711.

6- SKYLIGHT SYSTEM SHALL COMPRISE ALL COMPONENTS DESCRIBED ON BILL OF MATERIALS SHEETS 2 & 7.

7- GLASS OPTIONS: SEE BILL OF MATERIALS SHEETS 2 & 7.

8- ALL WELDING TO CONFORM TO THE AMERICAN WELDING SOCIETY A.W.S. D1.2 STANDARD. USE CERTIFIED WELDERS. USE ER-4043 ELECTRODES.

9- ALUMINUM MEMBERS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.

10- PAINT, FINISH AND COLOR TO BE SELECTED BY ARCHITECT OF RECORD OR OWNER OF PREMISES FOR THE JOB IN COORDINATION W/ SKYLIGHT CONCEPTS, AND SHALL COMPLY WITH AAMA 1600 SPECIFICATION, SECTION 3.11.

11- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE THE SKYLIGHT IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE. SEE NOTE 3 ABOVE. CONTRACTOR IS TO SEAL/CAULK ALL SKYLIGHT COMPONENT EDGES AS INDICATED ON THIS DRAWING TO PREVENT WIND/RAIN INTRUSION.

12- SKYLIGHT INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED.

13- (a) THIS P.E.D. (PRODUCT EVALUATION DOCUMENT) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

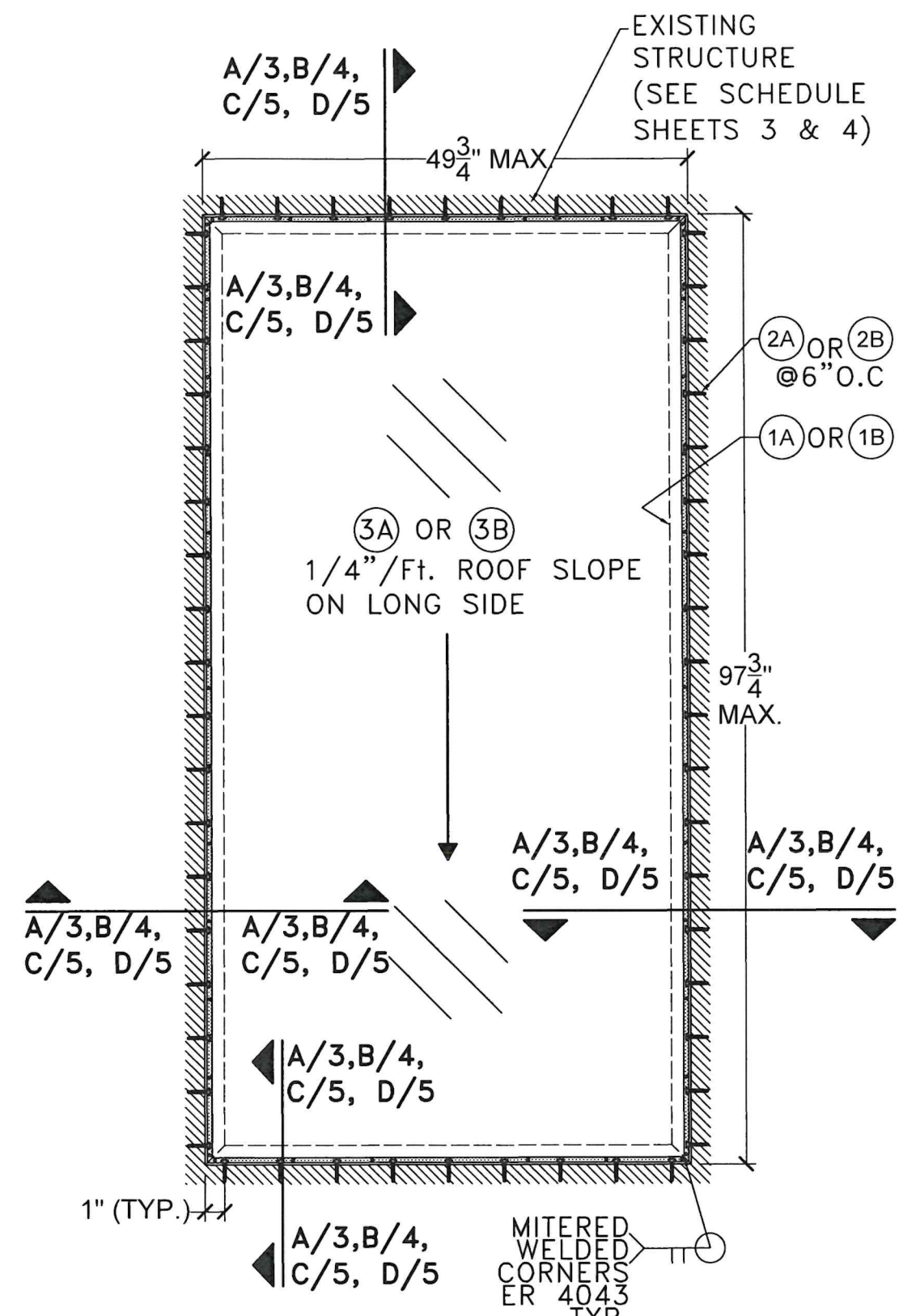
(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. PROFESSIONAL OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.E.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

(e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

14- PRODUCT MANUFACTURER'S LABEL SHALL BE PLACED ON AN EXPOSED SURFACE OF SKYLIGHT IN ACCORDANCE W/ SECTION 2404.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		W.H. DRAWN BY:	8/13/2026 DATE:	26-266 DRAWING No.	SHEET 1 OF 8
FLUSH GLAZED SKYLIGHT		SKYLIGHT CONCEPTS, Inc. 4050 N.E. 9TH AVENUE OAKLAND PARK, FL 33334 ph:(954) 776-7616			
TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 ; Fax : (305)871-1531 CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167		REV. NO. 1 2 DESCRIPTION OLD 23-096 DATE 8/13/26 REV. No. 3 DATE - DESCRIPTION -			
P.E. SEAL/SIGNATURE/DATE					



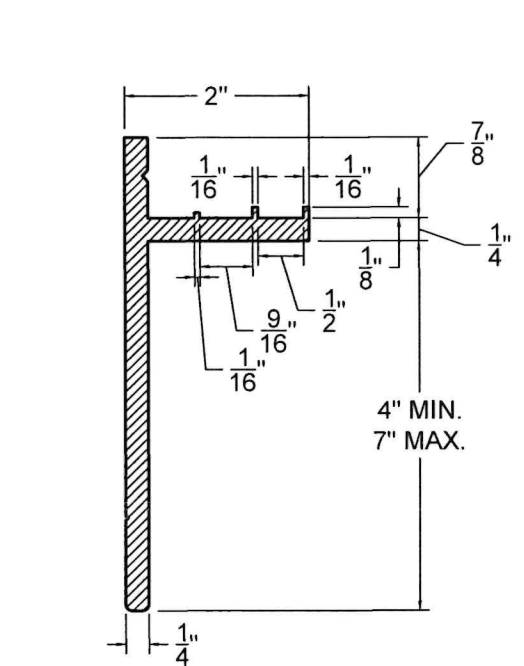
TYPICAL SKYLIGHT PLAN
CASE I: TRAPPED SKYLIGHT

+75,-75 psf. PRESSURE RATING (A.S.D)

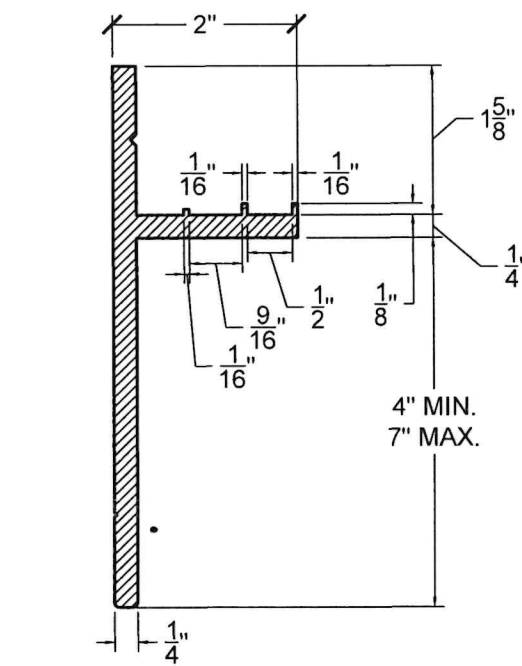
BILL OF MATERIALS: CASES I & IA

COMPONENT No.	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
(1A)	BUILD UP TRAPPED RAIL FOR (3A)	SEE DETAIL	6063-T6 ALLOY	-	ANCHORED TO STRUCTURE W/ (2A) OR (2B)
(1B)	BUILD UP TRAPPED RAIL FOR (3B)	SEE DETAIL	6063-T6 ALLOY	-	ANCHORED TO STRUCTURE W/ (2A) OR (2B)
(2A)	FASTENER FOR (1A, 1B)*	1/4"Ø x 1" DRILL FLEX OR S.S TEK SCREWS	GRADE 5 SILVER STALGARD COATING OR 410 S.S	ELCO CONSTRUCTION PRODUCTS OR ITW/BUILDDEX	ATTACH (1A) (1B) TO ALUM./STL STRUCTURE
(2B)	FASTENER FOR (1A, 1B)*	1/4"Ø ULTRACON + OR ULTRACON SS4	GRADE 5 SILVER STALGARD COATING OR 410 S.S	DEWALT	ATTACH (1A) (1B) TO WOOD OR CONCRETE STRUCTURE
(3A)	LAMINATED GLASS	9/16" THICK NOMINAL 1/4" H.S + 0.100" SENTRY GLASS INTERLAYER + 1/4" H.S	GLASS	LAMINATED BY KURARAY AMERICA Inc.	SEE GLAZING DETAIL SHEETS 3 & 6
(3B)	INSULATED GLASS	1 5/16" NOMINAL: 1/4" H.S OUTBOARD + 1/2" AIR SPACE + 1/4" H.S + 0.090" SENTRY GLASS + 1/4" H.S	GLASS	LAMINATED BY KURARAY AMERICA Inc.	SEE GLAZING DETAIL SHEETS 4 & 6

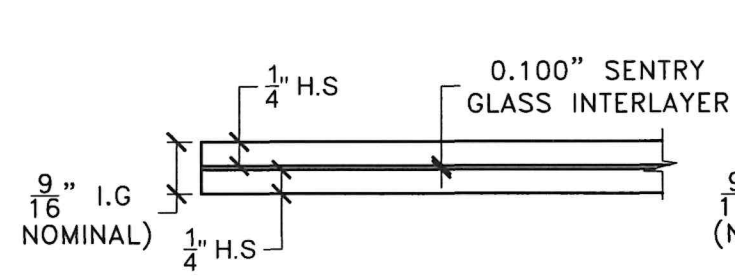
* ONLY STAINLESS STEEL ANCHORS ARE ALLOWED AT INSTALLATION WITHIN 300ft OF THE COASTAL SHORELINE.



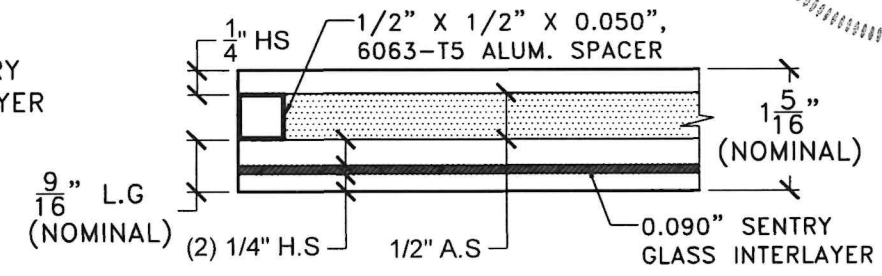
(1A) BUILD UP RAIL FOR (3A)



(1B) BUILD UP RAIL FOR (3B)



(3A) LAMINATED GLASS FOR (1A)



(3B) INSULATED GLASS FOR (1B)

COMPONENTS: VALID FOR CASES I & IA

SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY:

DATE: 8/13/2026

DRAWING No. 26-266

SHEET 2 OF 8

FLUSH GLAZED SKYLIGHT

SKYLIGHT CONCEPTS, Inc.

4050 N.E. 9TH AVENUE
 OAKLAND PARK, FL 33334
 PH: (954) 776-7616

DATE: 8/13/26
 REV. No. 3
 DESCRIPTION: OLD 23-096

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TILTECO INC.

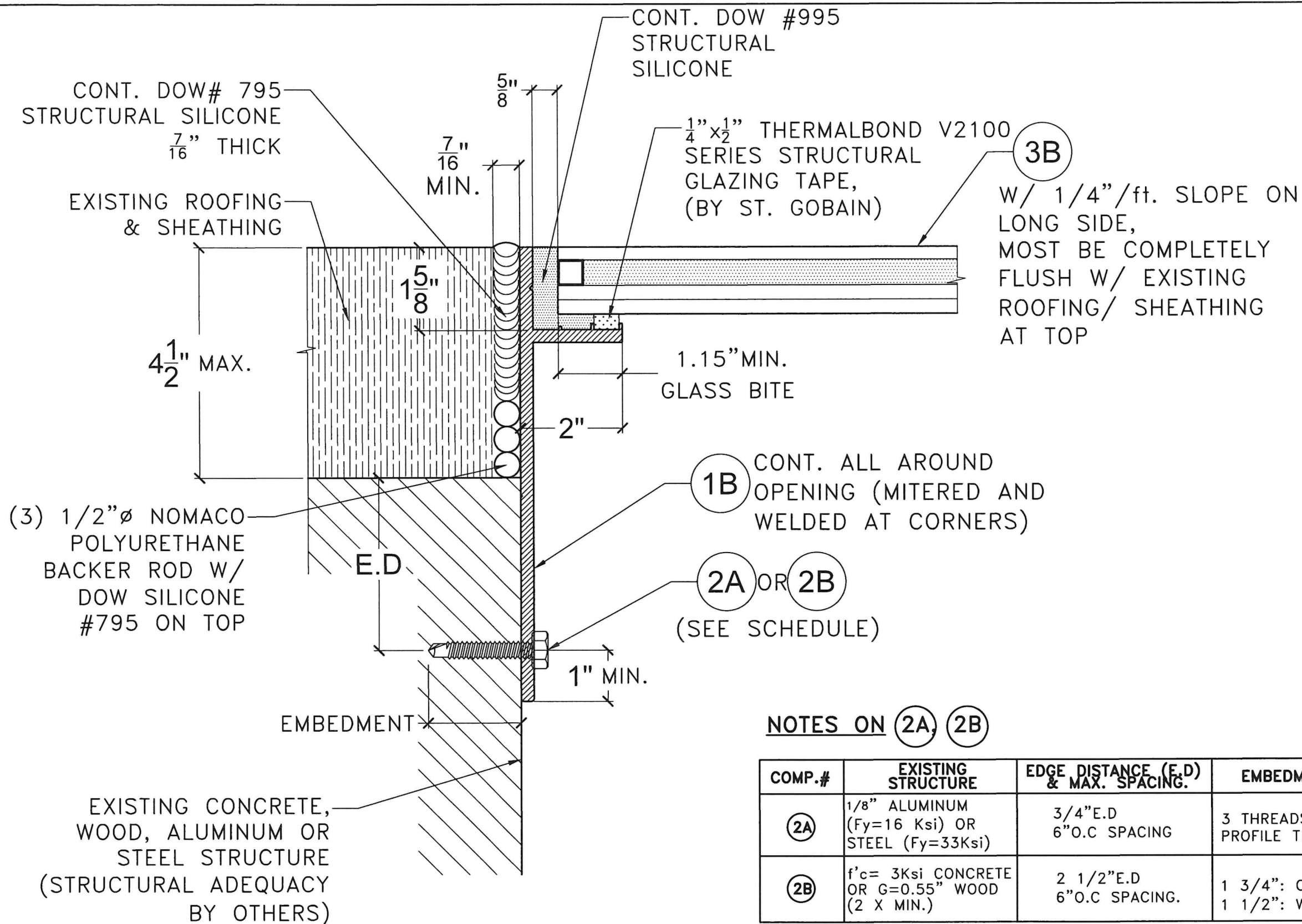
TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 Fax : (305)871-1531
 CA-0006719
 WALTER A. TILLIT JR. P.E.
 FLORIDA LIC. # 44167

DATE: 9/1/2026

WALTER A. TILLIT JR.
 LICENSE
 No. 44167

STATE OF FLORIDA
 PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE



NOTES ON (2A), (2B)

COMP.#	EXISTING STRUCTURE	EDGE DISTANCE (E.D) & MAX. SPACING.	EMBEDMENT
(2A)	1/8" ALUMINUM (Fy=16 Ksi) OR STEEL (Fy=33Ksi)	3/4"E.D 6"O.C SPACING	3 THREADS PASSED PROFILE THICKNESS
(2B)	f'c= 3Ksi CONCRETE OR G=0.55" WOOD (2 X MIN.)	2 1/2"E.D 6"O.C SPACING.	1 3/4": CONCRETE 1 1/2": WOOD

SECTION B-B: CASE I
(GLAZING AND MOUNTING DETAIL)
+75,-75 psf PRESSURE RATING (A.S.D)
SCALE: N.T.S

FLUSH GLAZED SKYLIGHT

W.H. DRAWN BY:

8/13/2026 DATE:

26-266 DRAWING No.

SKYLIGHT CONCEPTS, Inc.

4050 N.E. 8TH AVENUE

OAKLAND PARK, FL 33334

PH: (954) 776-7616

REV. NO

DESCRIPTION

DATE

REV. NO

DESCRIPTION

DATE

1

OLD 23-096

8/13/26

3

2

4

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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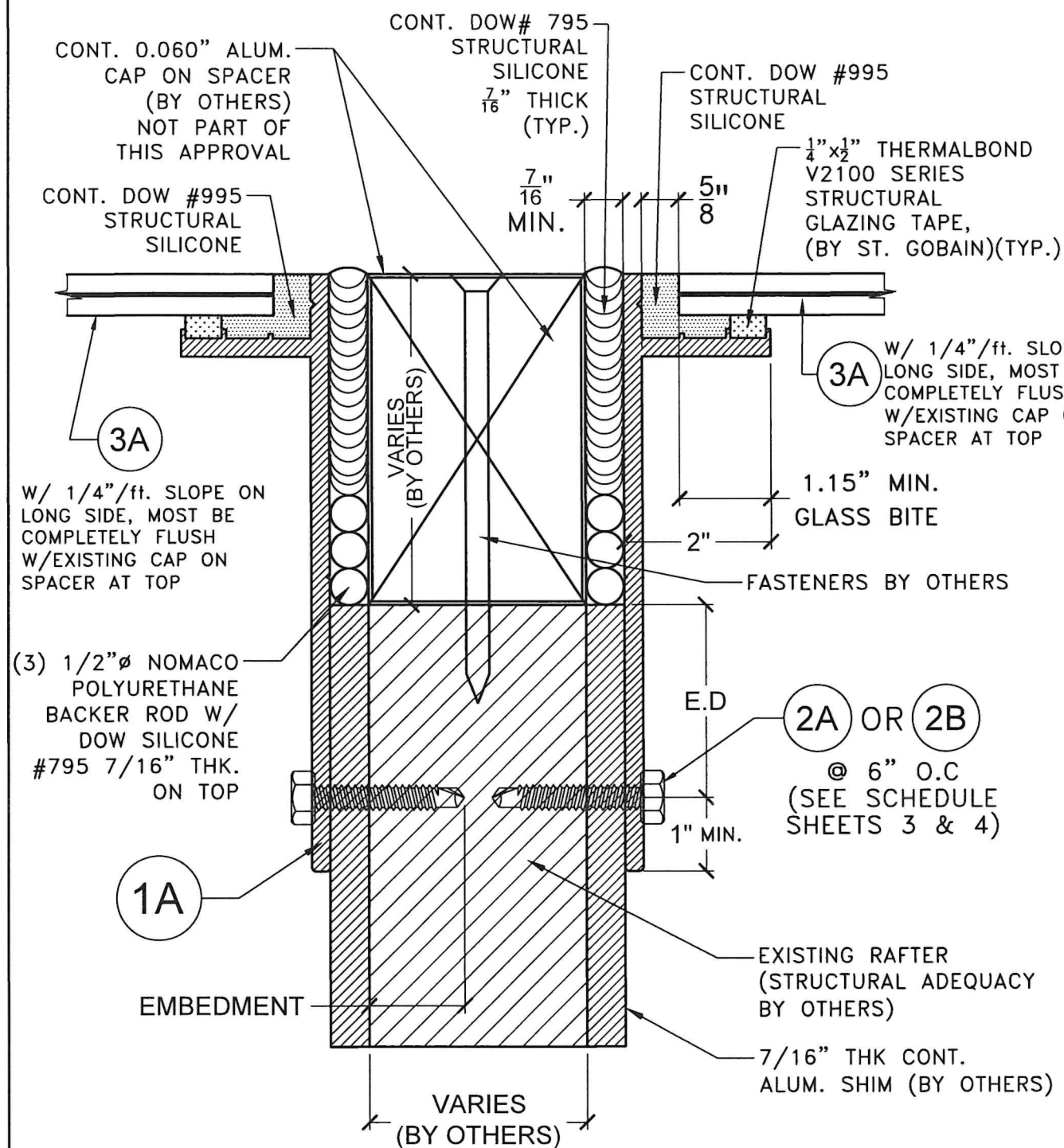
FLORIDA

PROFESSIONAL ENGINEER

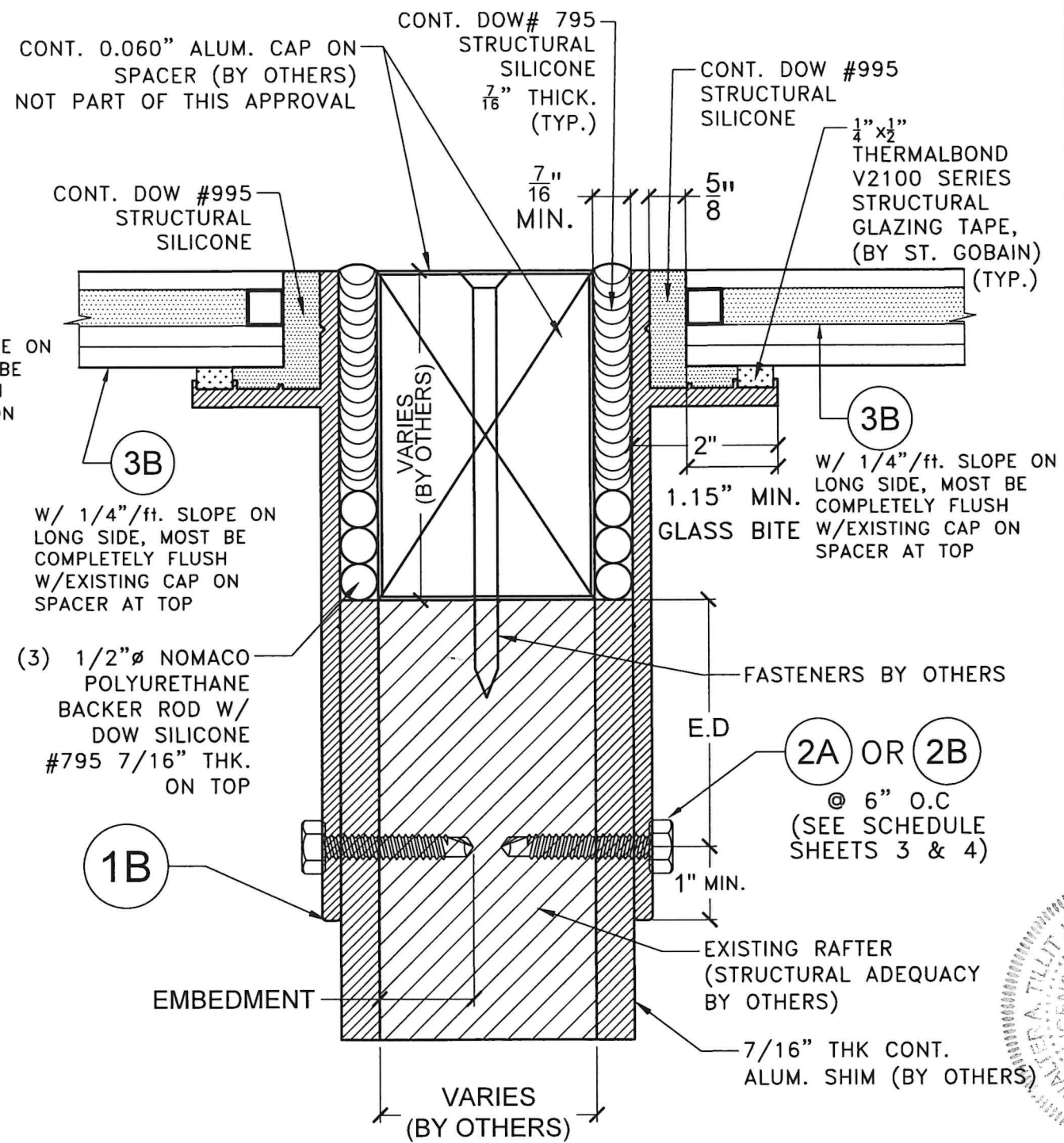
STATE OF

SEAL

P.E. SEAL/SIGNATURE/DATE



SECTION C-C: CASE I
(GLAZING AND RAFTER MOUNTING DETAIL)
+75,-75 psf PRESSURE RATING (A.S.D)
SCALE: N.T.S



SECTION D-D: CASE I
(GLAZING AND RAFTER MOUNTING DETAIL)
+75,-75 psf PRESSURE RATING (A.S.D)
SCALE: N.T.S

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

FLUSH GLAZED SKYLIGHT

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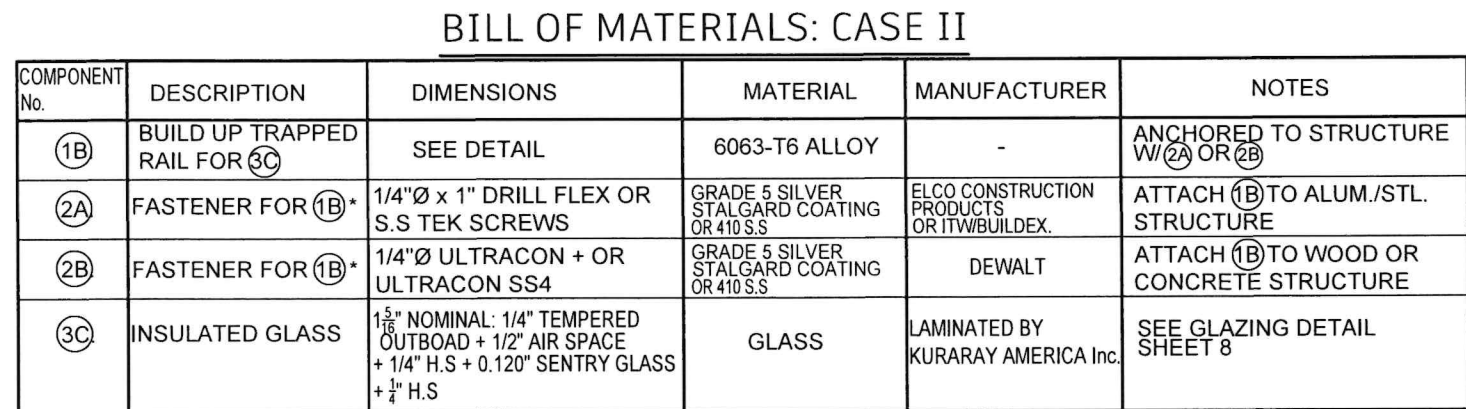
W.H. DRAWN BY: 8/13/2026 DATE: 26-266 DRAWING NO. SHEET 5 OF 8

REV. NO. 1 2

DESCRIPTION OLD 23-098 8/13/26 3 4

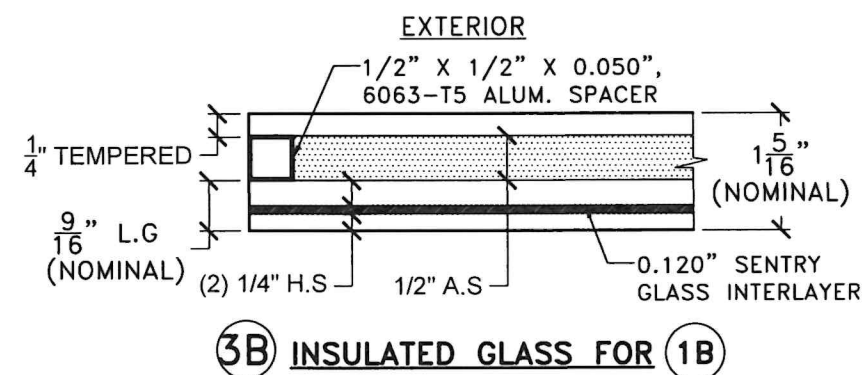
DATE

P.E. SEAL/SIGNATURE/DATE



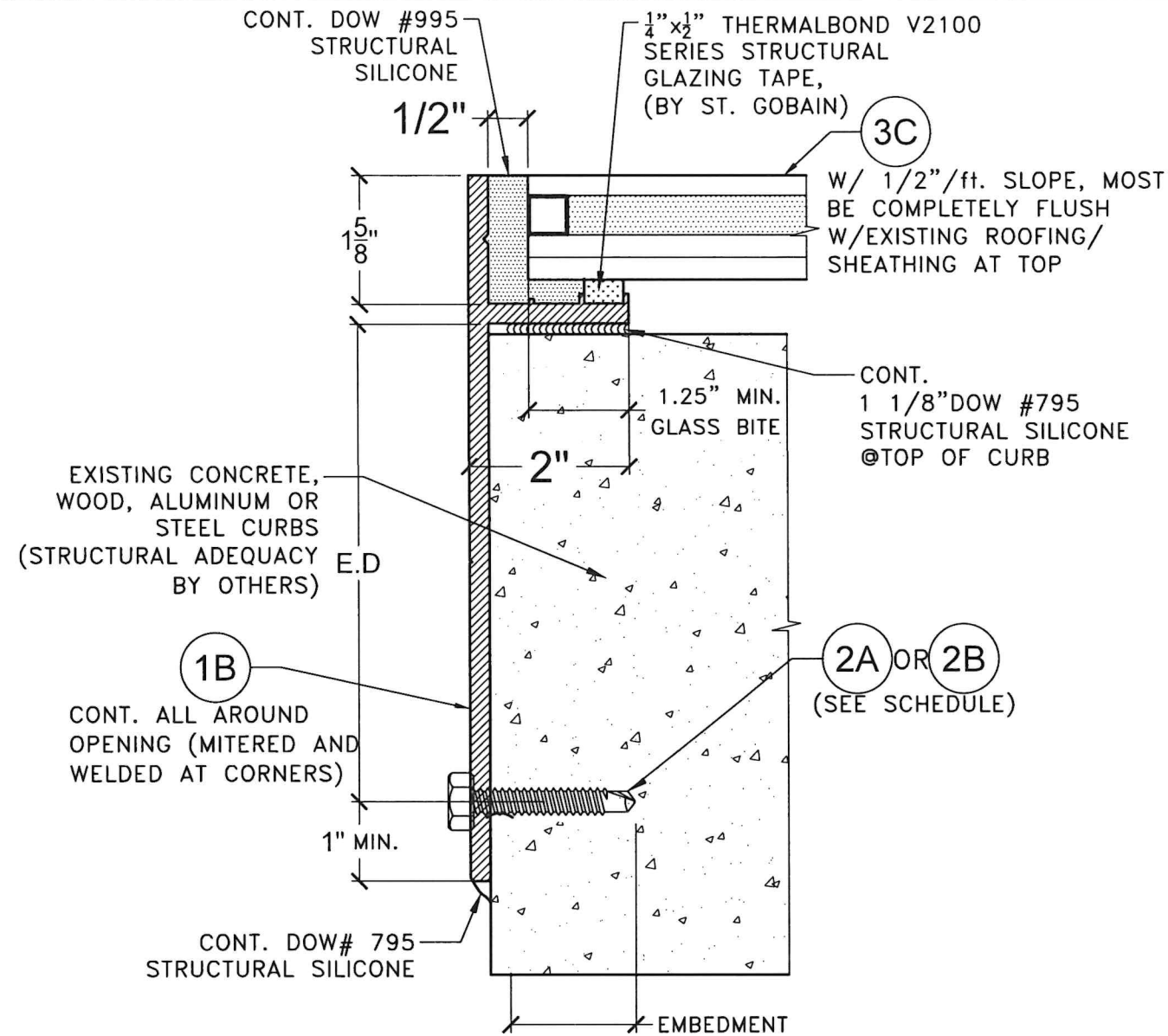
Technical drawing of a door threshold cross-section. The drawing shows a vertical door frame on the left and a horizontal threshold on the right. The threshold is composed of several parts: a central section with a width of 2 inches, and two side sections. The central section has a height of 1 5/8 inches. The side sections have a height of 1/4 inch. The threshold is shown with a cross-hatched pattern. Dimensions are given in inches: 2", 1 5/8", 1/4", 1", 1/16", 9/16", 1/2", 1/8", 4" MIN., 7" MAX., 1/4", 1/16", 1/16", 1/16".

1 B BUILD UP RAIL FOR 3C



3B) INSULATED GLASS FOR 1B)

TYPICAL SKYLIGHT PLAN
CASE II: FLUSH MOUNT TO CURB'S EXTERIOR
+150,-150 psf PRESSURE RATING (A.S.D)



SECTION E-E: CASE II:
(GLAZING AND MOUNTING DETAIL)
+150,-150 psf PRESSURE RATING (A.S.D)
SCALE: N.T.S

NOTES ON (2A, 2B)

COMP.#	EXISTING STRUCTURE	EDGE DISTANCE (E.D) & MAX. SPACING.	EMBEDMENT
(2A)	1/8" ALUMINUM (Fy=16 Ksi) OR STEEL (Fy=33Ksi)	3/4" E.D 10"O.C SPACING	3 THREADS PASSED PROFILE THICKNESS
(2B)	f'c= 3Ksi CONCRETE	2 1/2" E.D 10"O.C SPACING	1 3/4": CONCRETE
(2B)	G=0.55 WOOD (2X MIN.)	2 1/2"E.D 10"O.C MAX.SPACING. @±75psf 5"O.C MAX.SPACING. @±150psf	1 1/2": WOOD

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

W.H. DRAWN BY:

8/13/2026 DATE:

26-266 DRAWING No.

SHEET 8 OF 8

FLUSH GLAZED SKYLIGHT

SKYLIGHT CONCEPTS, Inc.

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OAKLAND PARK, FL 33334
PH: (954) 776-7616

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PROFESSIONAL ENGINEER

8/13/2026

P.E. SEAL/SIGNATURE/DATE