

GENERAL NOTES:

1. SKYLIGHT SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE. THIS SKYLIGHT MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (HVHZ) AND OUT OF THEM (NHVHZ).
- DESIGN LIVE & 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 $K_d=0.85$, USING ASCE 7-22 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW.
- IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PAR 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 BELOW.
- IN ORDER TO VERIFY THAT ANCHORS ON THIS P.E.D. ARE NOT OVERSTRESSED UNDER DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW, FOR EVERY SINGLE APPLICATION OF THIS SKYLIGHT SYSTEM, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS SHALL NOT BE USED IN THEIR ANALYSIS.
- 1A. SHOP DRAWINGS AND STRUCTURAL CALCULATIONS SHALL BE SUBMITTED FOR EVERY PERMIT. CONFIGURATION OF SKYLIGHT(S) MAY VARY FROM THOSE SHOWN ON THIS P.E.D., AND INCLUDE BUT ARE NOT LIMITED TO GABLE, HIP, PYRAMID & MONOSLOPE ROOFS WITH DIFFERENT SKYLIGHT WIDTH, LENGTH AND RISE W/ CORRESPONDING CROSS SECTION RAFTERS & PURLINS, BUT PRESSURE RATING AS WELL AS MAX. GLASS PANEL SIZE AND AREA SHALL NOT EXCEED THOSE INDICATED ON THIS DRAWING (SEE NOTES 2 AND 11 RESPECTIVELY) PROVIDING THE ABOVE MENTIONED CONDITIONS ARE COMPLIED WITH. DESIGN SHALL BE PERFORMED BY A FLORIDA P.E. AND REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT ON A JOB SPECIFIC BASIS. (SEE NOTE 18). BRACKET, SILL, FLASHING, ANCHORS AND CONNECTION BOLTS MAY VARY FROM THOSE INDICATED ON THIS P.E.D. BUT NEVER BE LESS THAN INDICATED ON THIS P.E.D.
2. A.S.D. DESIGN PRESSURE RATING AT ROOF IS: +75.0 psf (WINDWARD SIDE), -100.0psf (LEEWARD SIDE).
A.S.D. DESIGN PRESSURE RATING AT WALL IS: +75.0, -100.0 psf.
A.S.D. DESIGN PRESSURE RATING AS PER SECTION 1626 AND 1609.1.2 OF THE FLORIDA BUILDING CODE, PER PROTOCOLS TAS 201, 202, 203, PER AMERICAN TESTING LABORATORY OF SOUTH FLORIDA REPORT # 0513.01-21. WATER AND AIR INFILTRATION TESTING AS PER PROTOCOL TAS 202, QUALIFYING ASTM E 331 AND ASTM E 283 RESPECTIVELY. GLASS VERIFIED PER ASTM E-1300, PER SECTION 2404.1 OF THE FLORIDA BUILDING CODE.
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 OF RECORD FOR THE PROJECT. STRUCTURAL DESIGN SHALL INCLUDE AND TAKE INTO CONSIDERATION THE ACTUAL V_x AND V_y LOADS TRANSFERRED FROM THIS SKYLIGHT TO THE SUPPORT STRUCTURE, BASED ON DEAD, LIVE & WIND LOADS AND USING THE LOAD COMBINATIONS AS PER A.S.C.E. 7-22 STANDARD. ADEQUACY OF SUPPORTING STRUCTURAL MEMBERS SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT ON A JOB SPECIFIC BASIS.
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4. ALL ALUMINUM EXTRUSIONS SHALL BE ALUMINUM ASSOCIATION 6063-T6 ALLOY AND TEMPER.
5. ALL ALUMINUM SHEET SHALL BE ALUMINUM ASSOCIATION 5005-H14 ALLOY AND HARDNESS (FLASHING). ALL SHEET ALUMINUM TO BE 5005-H14 ALLOY (STRUCTURAL, U.N.O.).
6. ALL SELF TAPPING SCREWS OR MACHINE SCREWS TO BE STAINLESS STEEL AISI SERIES 304 OR 316 I.T.W. BUILDEX TEKS & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTION 2411.3.3.4.
7. ALL ALUMINUM POP RIVETS TO BE 5052 ALUMINUM ALLOY WITH ALUMINUM MANDREL.
8. BOLTS TO BE STAINLESS STEEL AISI SERIES 304 OR 316 WITH 50 ksi (Min.) YIELD STRENGTH AND 90 ksi TENSILE STRENGTH, PER ASTM B-593 AND B-594.
9. GLAZING SYSTEM SHALL COMPRISE OF THE FOLLOWING COMPONENTS:
- 9.1. ALL GASKETS TO BE MADE OF EXTRUDED SILICONE, WITH DUROMETER HARDNESS=60±5, ULTIMATE TENSILE=1200 psi MIN. AND ELONGATION=250% MIN. BY SANTOPRENE.
- 9.2. ALL BACKER RODS TO BE OPEN CELL (OCFOAM) POLYURETHANE BY NOMACO WITH THE FOLLOWING PHYSICAL PROPERTIES:

POLYURETHANE QUALITY	ASTM 1564
NON-COMPRESSED DENSITY	1.7 lbs/cu. ft.
COMPRESSION DEFLECTION	1.4 psi
TENSILE STRENGTH	25 psi MIN.
TEMPERATURE RANGE	-60° TO 500°F.

9.3. SETTINGS BLOCKS:

NEOPRENE

TEMPERATURE RANGE -30 TO +200° F
HARDNESS SHORE A: 80 ± 5
TENSILE STRENGTH: 750 psi
ELONGATION: 250%

- 9.4. STRUCTURAL SILICONE FOR GLAZING AT RAFTERS & PURLINS TO BE DOW CORNING 995 SILICONE STRUCTURAL SEALANT AND DOW CORNIL 795 SILICONE FOR METAL TO METAL.
- 9.5. ALL BACKER ROD JOINTS SEALANT TO BE DOW CORNING 995 SILICONE PERIMETER SEALANT.
- 9.6. ALL GLAZING BLOCKS TO BE NEOPRENE MATERIAL WITH A DUROMETER HARNESS=90.
10. ALL FLASHING TO BE LAPPED 3" AND SET ON A BED OF SILICONE SEALANT.
11. GLASS TO BE 9/16" THICK IMPACT RESISTANT LAMINATED GLASS OR 1 5/16" THICK IMPACT RESISTANT INSULATED GLASS. Max. GLASS PANEL SIZE IS 48 1/2" x 120 5/8". (MAX. GLASS AREA = 41.0 FT²) @ GABLES OR MONOSLOPES & 54 5/8" WIDE X VARIES (MAX. GLASS AREA = 35 FT²) AT HIP OR PYRAMID. SEE SHEETS 2A & 8A.
12. ALL WELDING TO CONFORM TO THE AMERICAN WELDING SOCIETY A.W.S. D1.2 REGULATIONS, USE CERTIFIED WELDERS. USE ER-5356 FILLERS.
13. ALUMINUM MEMBERS IN CONTACT WITH CONCRETE SHALL BE PROTECTED ACCORDINGLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.
14. ALUMINUM MEMBERS IN CONTACT WITH STEEL SHALL BE PROTECTED ACCORDINGLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.
15. PAINT, FINISH AND COLOR TO BE SELECTED BY ARCHITECT OF RECORD FOR THE JOB IN COORDINATION W/ SKYLIGHT CONCEPTS, INC. AND SHALL COMPLY WITH AAMA 1600 SPECIFICATION.
16. 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.
17. SKYLIGHT INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.
18. (a) THE PRODUCT EVALUATION DOCUMENT (P.E.D.) 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 PRODUCT EVALUATION DOCUMENT PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
- (c) THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF MODIFIED.
- (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 THAT PREPARED IT.
19. PRODUCT MANUFACTURER'S LABEL SHALL BE PLACED ON AN EXPOSED SURFACE OF SKYLIGHT IN ACCORDANCE WITH SECTION 2405.5 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)

Y.M.
DRAWN BY:
7/14/2023
DATE:

23-097
DRAWING NO.
SHEET 1 OF 14

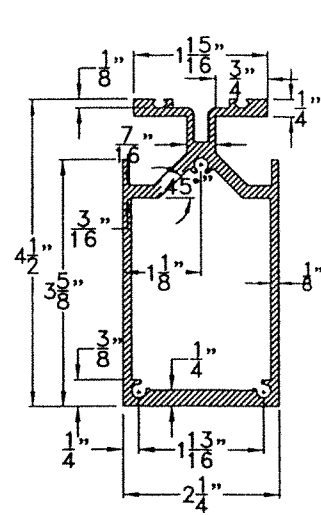
IMPACT RESISTANT SCI-H500
SKYLIGHT SYSTEM (L.M.I.)

SKYLIGHT CONCEPTS, INC.
9715 W. BROWARD BLVD #264
PLANTATION, FLORIDA 33324

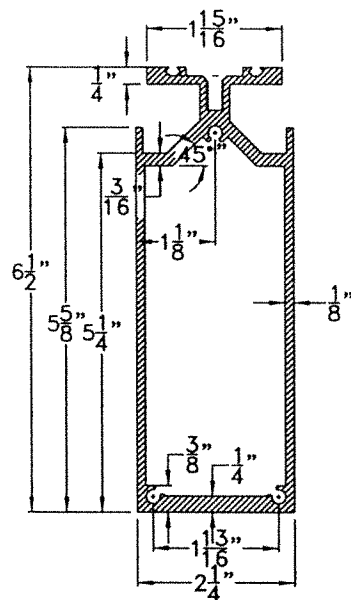
TILECO INC.
TILT TESTING & ENGINEERING COMPANY
1835 N.W. 34th AVE., SUITE 100, FORT LAUDERDALE, FL 33309
Phone: (754) 831-1330 Fax: (754) 831-1331
CA-0006719
WALTER A. TILLOT JR. P.E.
FLORIDA Lic. # 44167

No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER

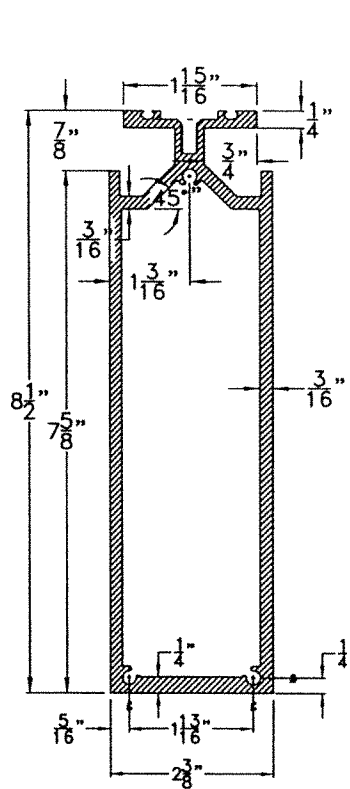
WALTER A. TILLOT JR. P.E.
4/2023



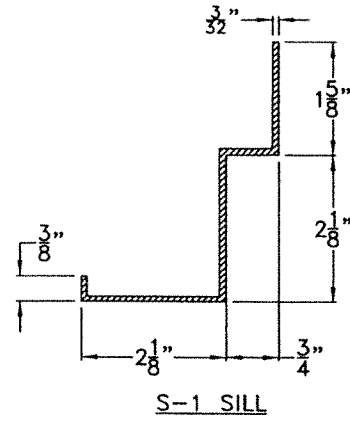
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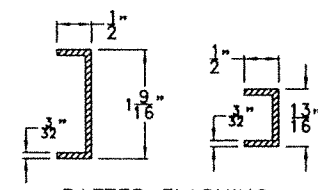
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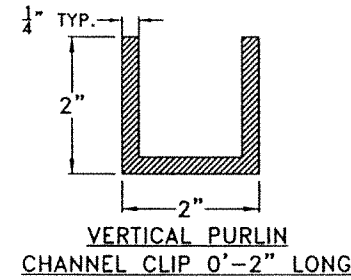
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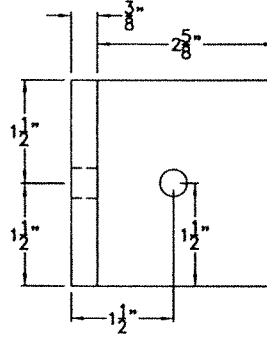
S-1 SILL



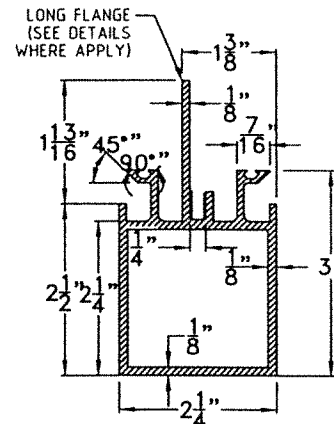
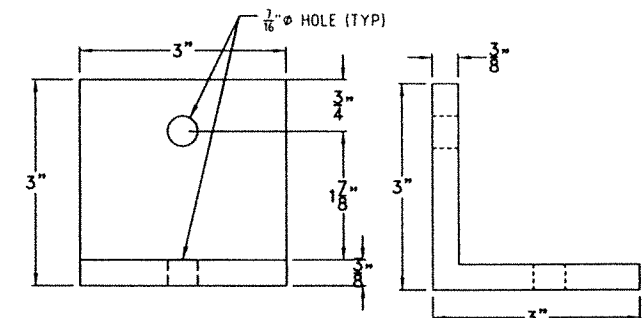
RAFTER FLASHING
3105-H14 ALLOY



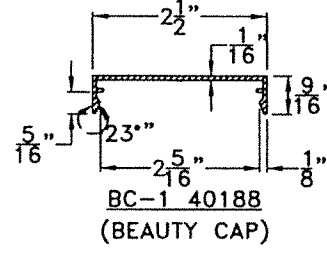
VERTICAL PURLIN
CHANNEL CLIP 0'-2" LONG



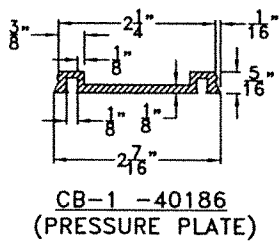
BASE CLIPS



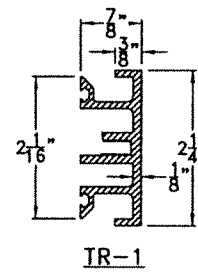
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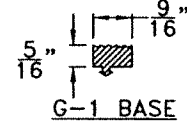
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(BEAUTY CAP)



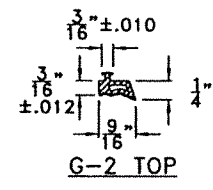
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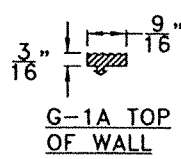
TR-1



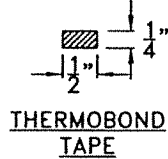
G-1 BASE



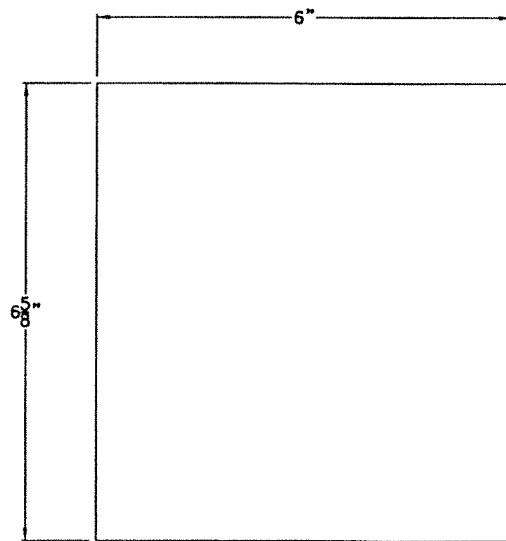
G-2 TOP



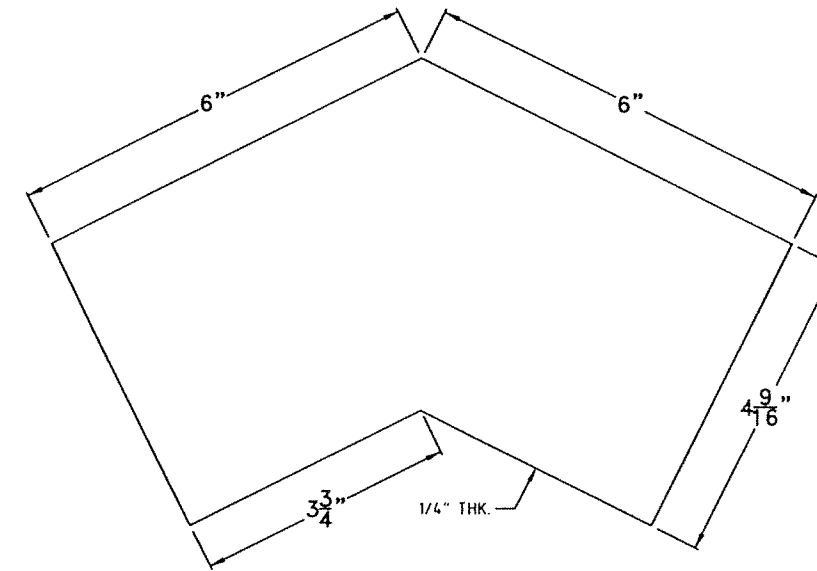
G-1A TOP
OF WALL



THERMOBOND
TAPE



GABLE RAFTER R-6 WALL PLATE

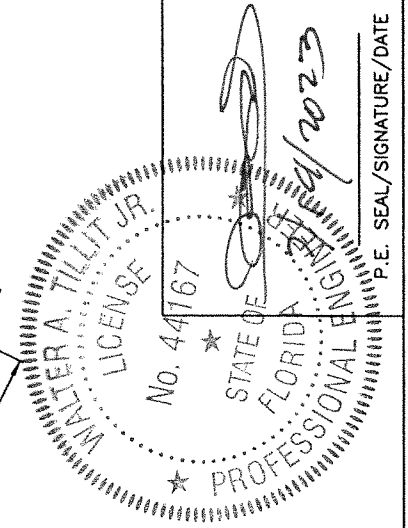


RIDGE CHEVRON FOR R-6 GABLE RAFTER

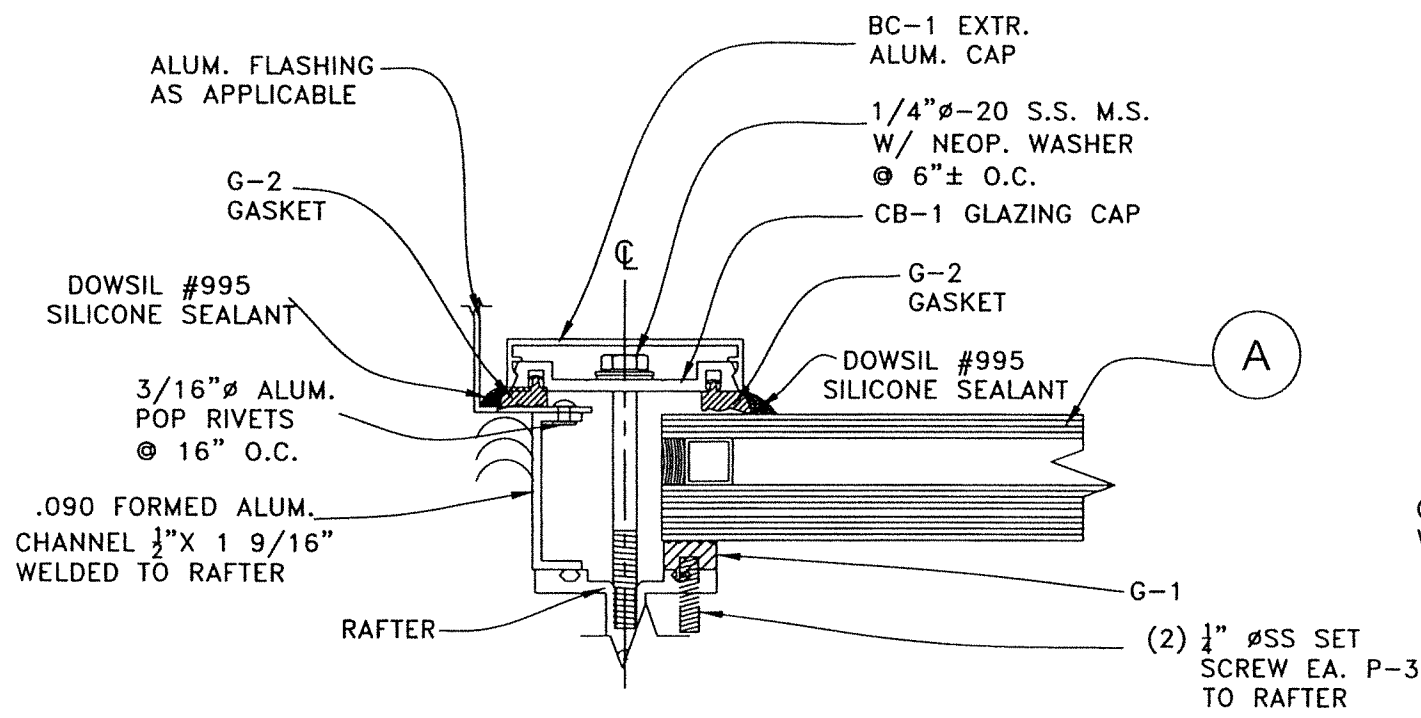
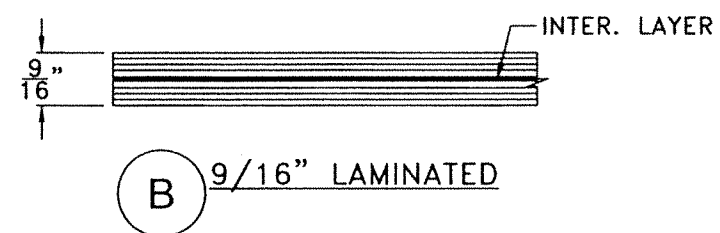
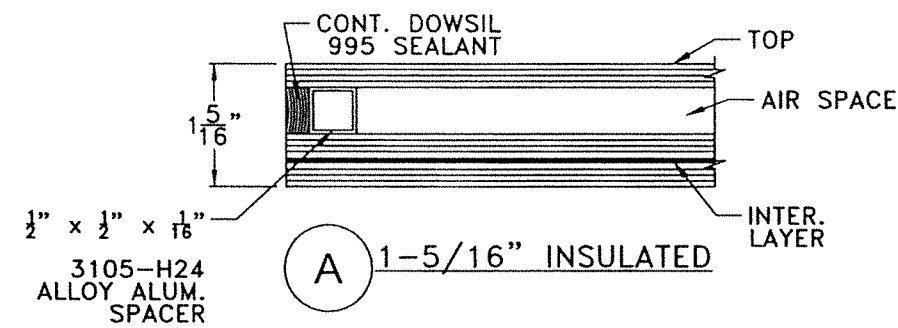
COMPONENTS FOR GABLE ROOF SKYLIGHTS (SEE SHEET 2A FOR GLASS & SEE GENERAL NOTE 1A/1))

SCALE: N.T.S

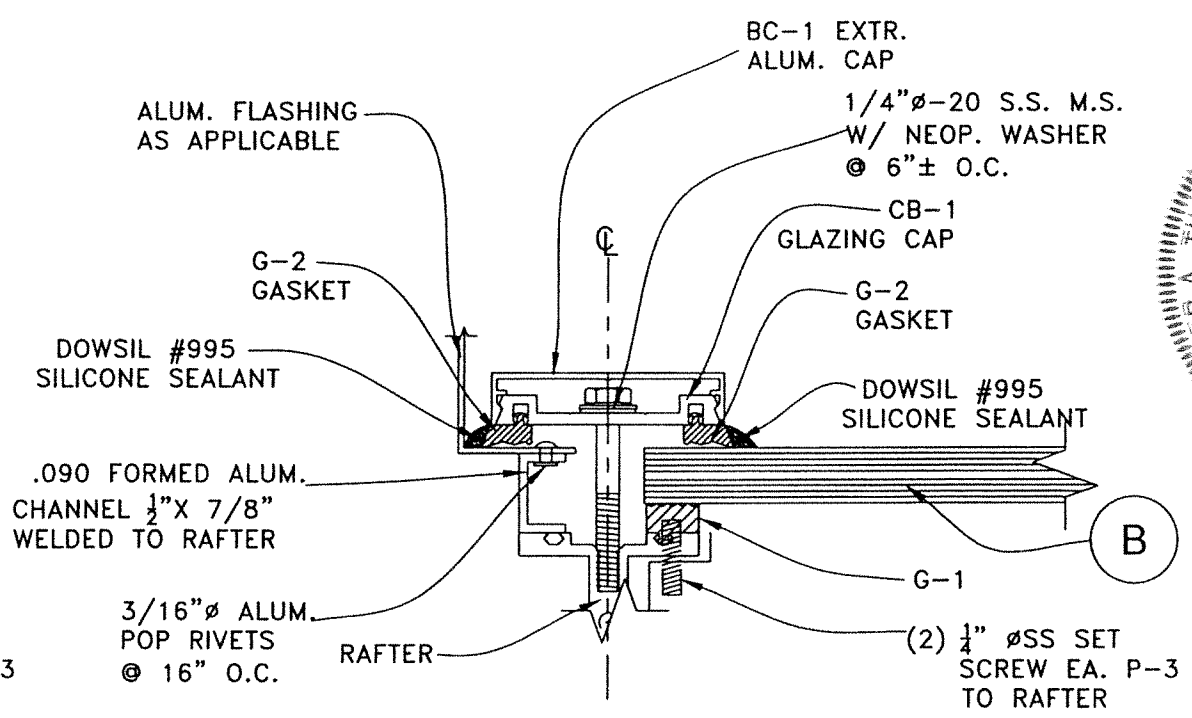
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	7/14/2023	DATE:	23-097	DRAWING No.	SHEET 2 OF 14
IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)		SKYLIGHT CONCEPTS, INC.	9715 W. BROWARD BLVD #264 PLANTATION, FLORIDA 33324	REV. NO.	1	DATE	7/12/2023
TILECO INC.		TILLIT TESTING & ENGINEERING COMPANY	4335 N.W. 34th St., Suite 100, Fort Lauderdale, FL 33309	REV. NO.	1	DATE	7/12/2023
WALTER A. TILLIT JR., P.E.		FLORIDA Lic. # 44167		REV. NO.	1	DATE	7/12/2023



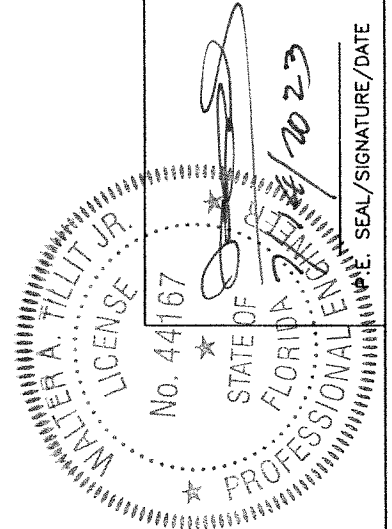
GLAZING COMPONENTS FOR GABLE SKYLIGHTS		
SKYLIGHT	DESCRIPTION	MATERIAL
(A)	1 5/16" NOMINAL INSULATED GLASS W/ 1/4" TEMPERED AT TOP + 1/2" AIR SPACE + 1/4" CLEAR H.S. GLASS + 0.090" SGP INTERLAYER BY KURARAY AMERICA, INC. + 1/4" CLEAR H.S. + 1/2"x2"x1/8" ALUM. ALLOY SPACER	I.G. GLASS
(B)	9/16" NOMINAL LAMINATED GLASS W/ 1/4" CLEAR H.S. + 0.090" SGP BY KURARAY AMERICA, INC. + 1/4" CLEAR H.S.	L.G. GLASS



GLAZING DETAIL W/ 1 5/16" INSULATED GLASS (A)
SCALE: 1/2"=0'-1"



GLAZING DETAIL W/ 9/16" LAMINATED GLASS (B)
SCALE: 1/2"=0'-1"



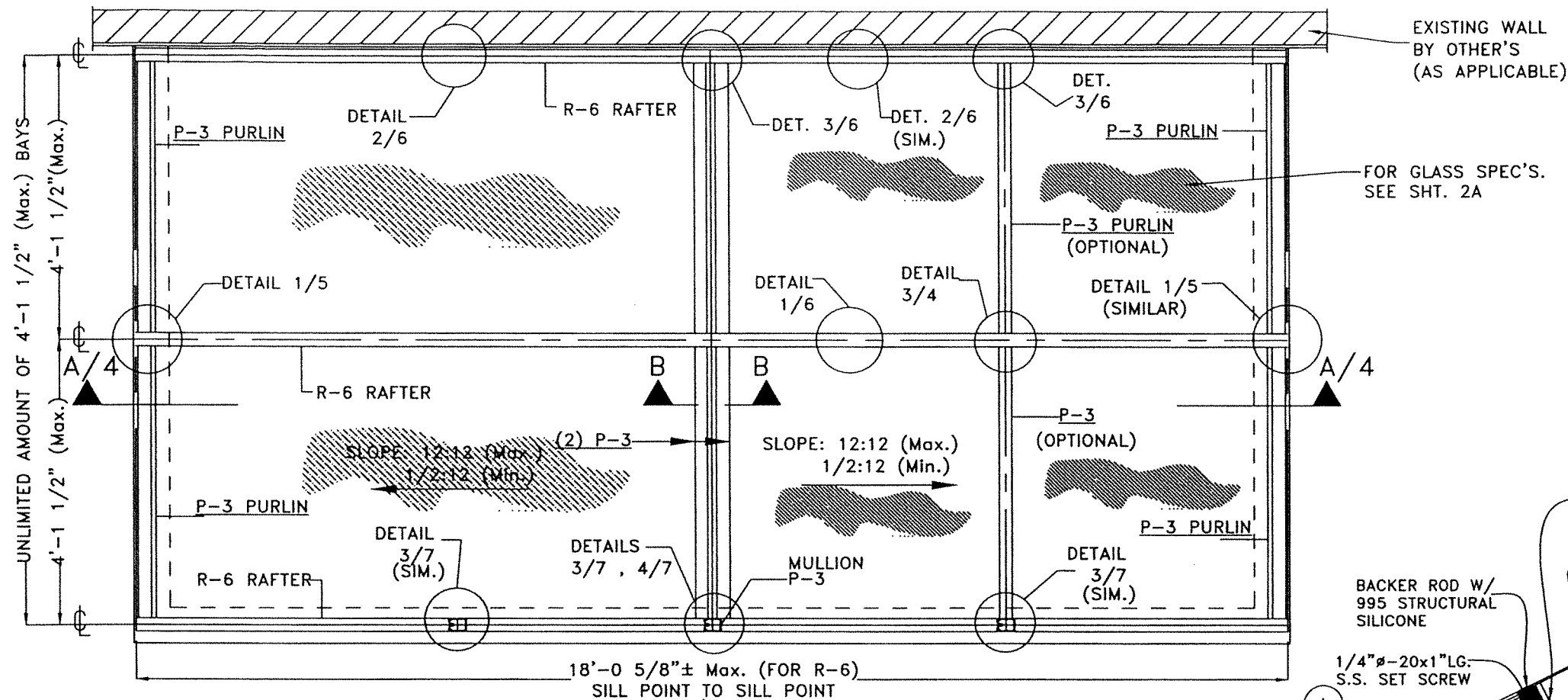
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)

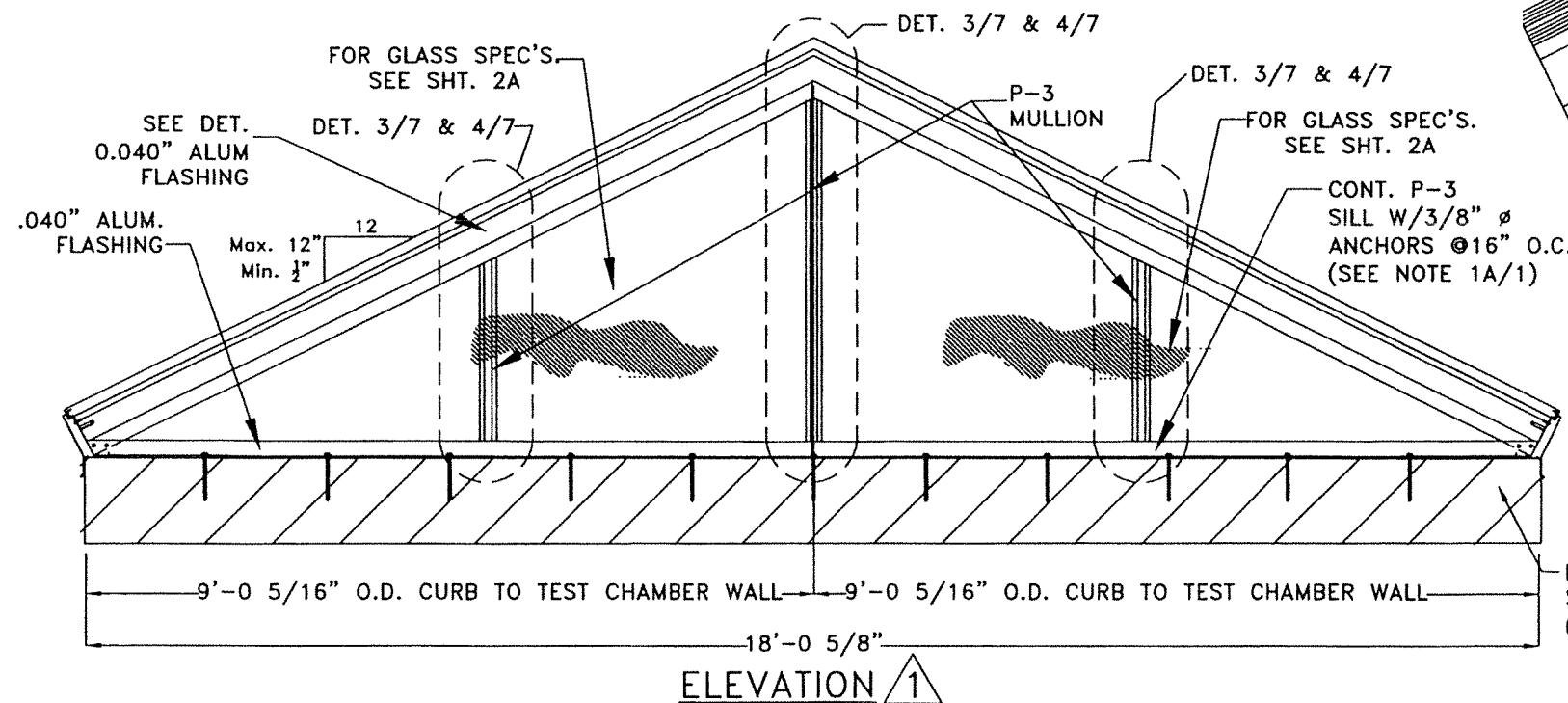
Y.M. DRAWN BY: 7/14/2023 DATE: 23-097 DRAWING No. SHEET 2A OF 14

SKYLIGHT CONCEPTS, INC.
9715 W. BROWARD BLVD #264
PLANTATION, FLORIDA 33324

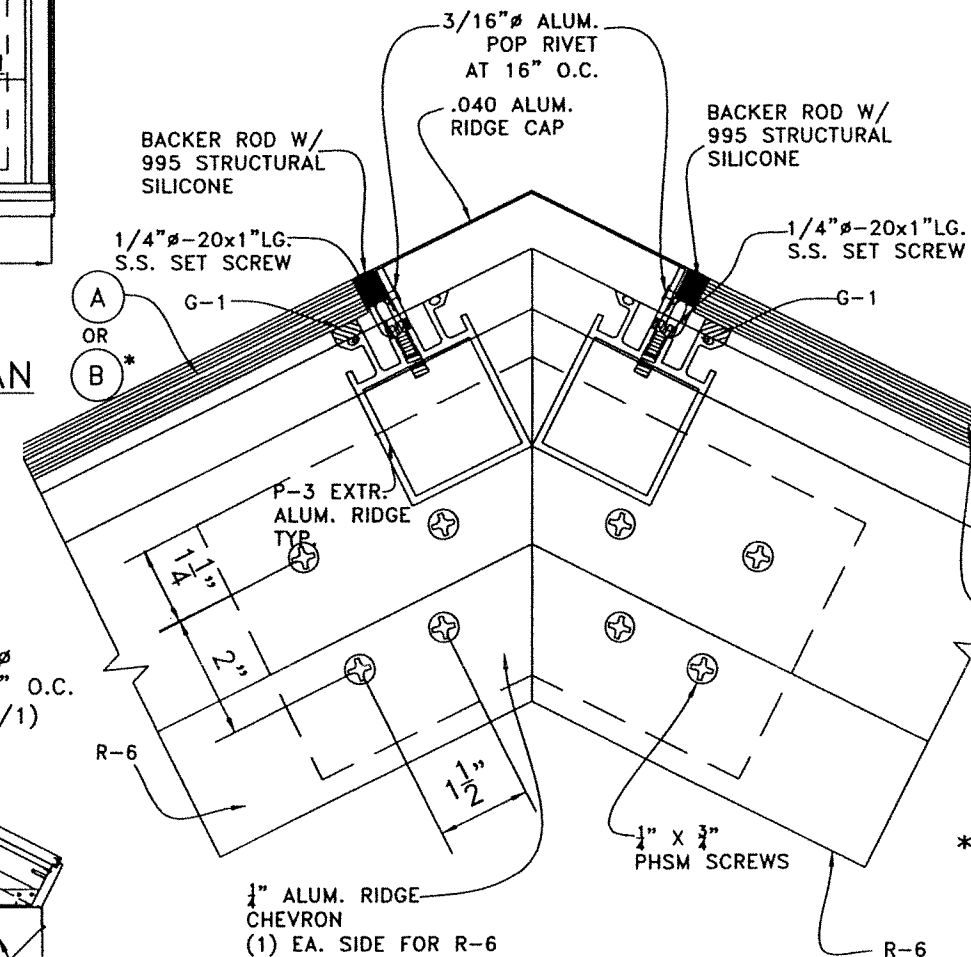
TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
4335 N.W. 34th St., Suite 200, Virginia Gardens, FL 33146
Phone: (305) 836-1301 Fax: (305) 836-1301
CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167



GENERIC GABLE OR MONOSLOPE (AS APPLICABLE) ROOF FRAMING PLAN
SCALE= N.T.S. (SEE NOTE 1A/1)



ELEVATION 1



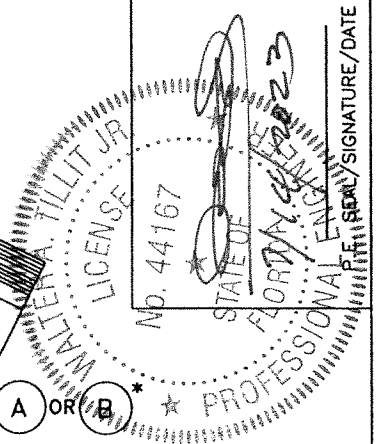
SECTION B-B

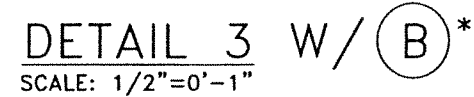
SCALE: 1/2"=0'-1"

* NOTE:

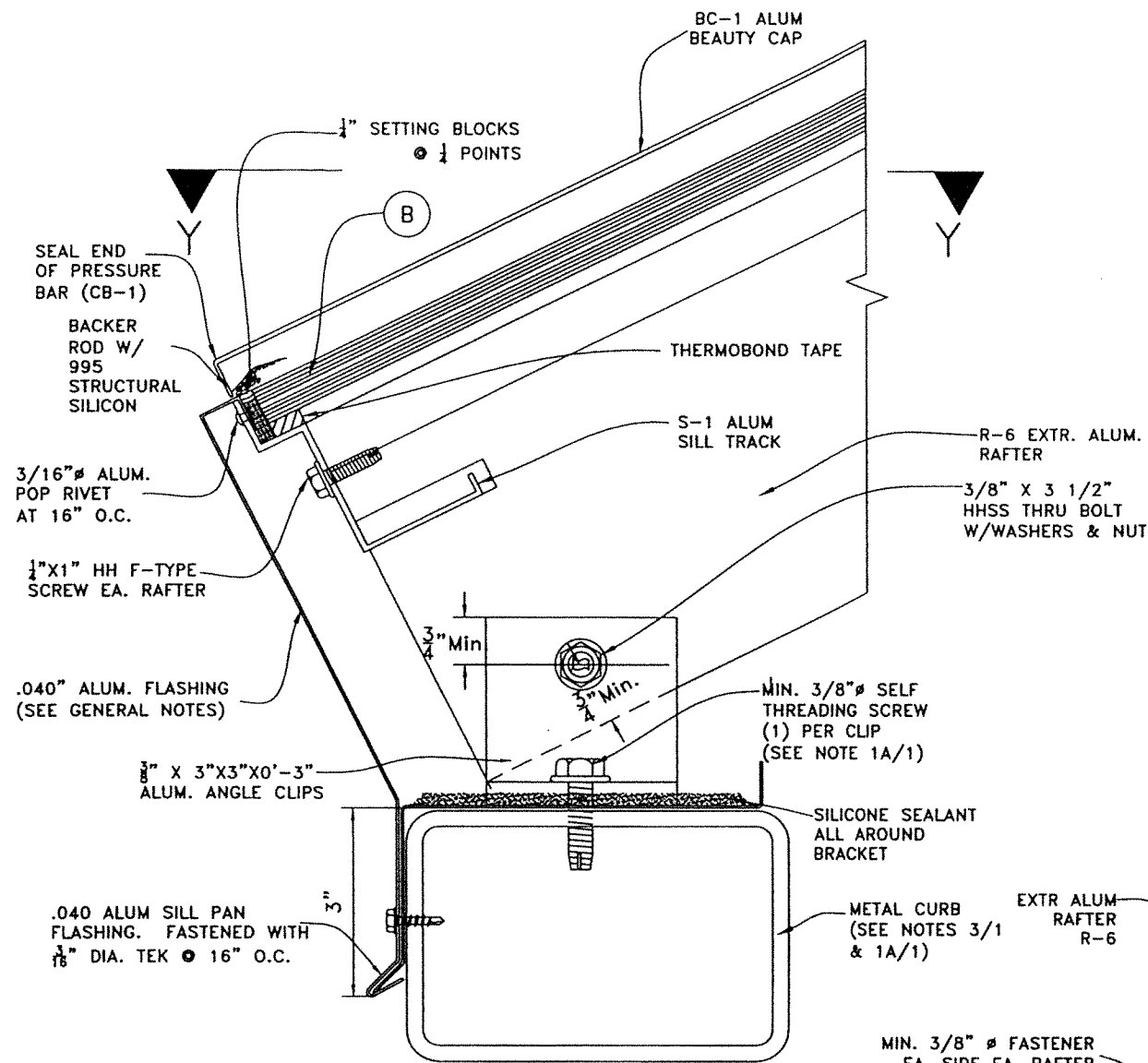
SEE SHEET 2A FOR GLAZING DETAIL W/ GLASS (A)

FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M.	DATE	DRAWING NO.
IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)		7/14/2023	23-097	3 OF 14
SKYLIGHT CONCEPTS, INC.		DATE	DATE	DATE
9715 W. BROWARD BLVD. #264		DATE	DATE	DATE
PLANTATION, FLORIDA 33324		DATE	DATE	DATE
TILECO INC.		DATE	DATE	DATE
TILLIT TESTING & ENGINEERING COMPANY		DATE	DATE	DATE
6350 N.W. 36th St., Ste. 300, Fort Lauderdale, FL 33304		DATE	DATE	DATE
Phone: 1 (305) 791-1101		DATE	DATE	DATE
WALTER A. TILLIT JR., P.E.		DATE	DATE	DATE
FLORIDA Lic. # 44167		DATE	DATE	DATE

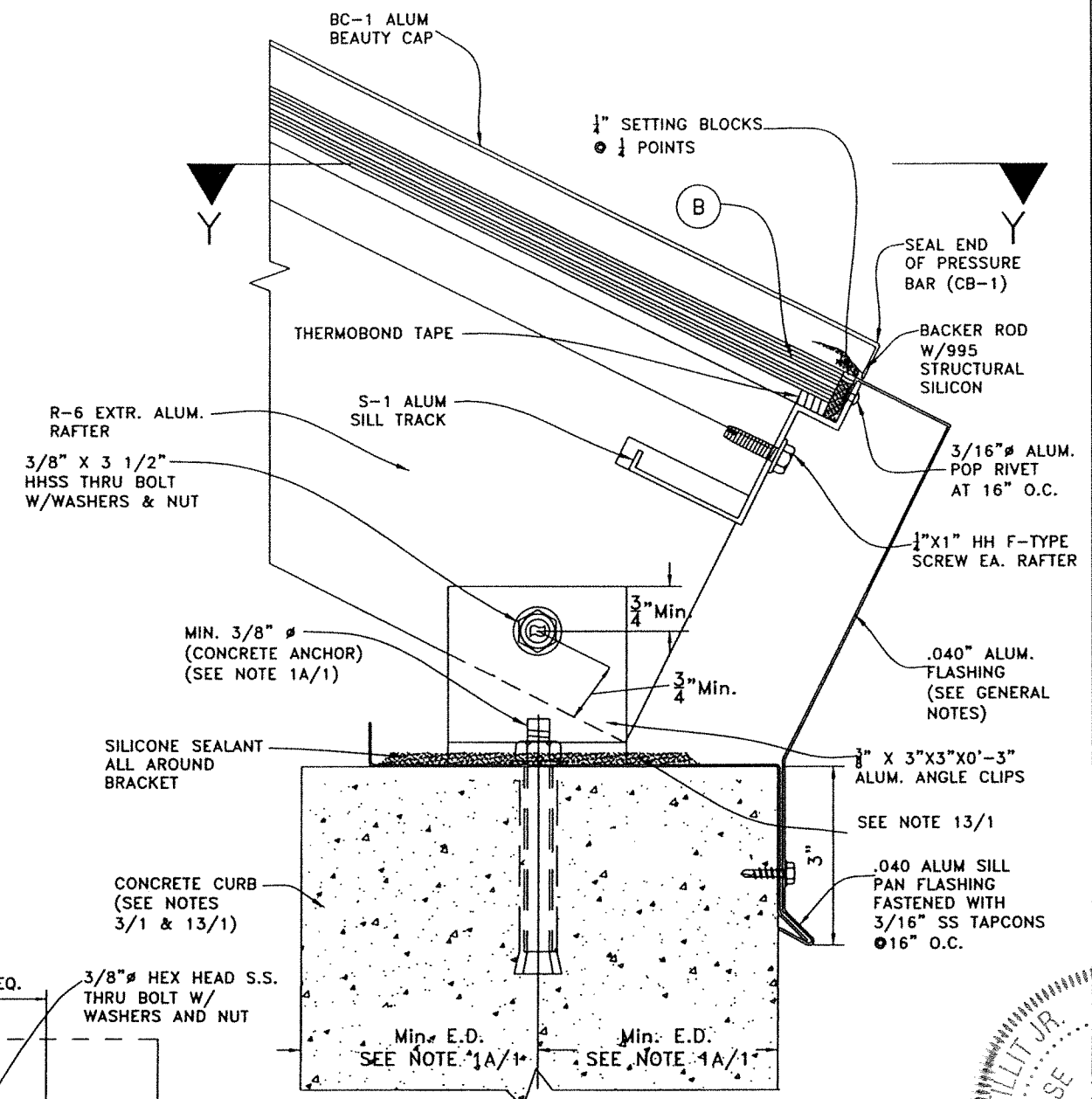




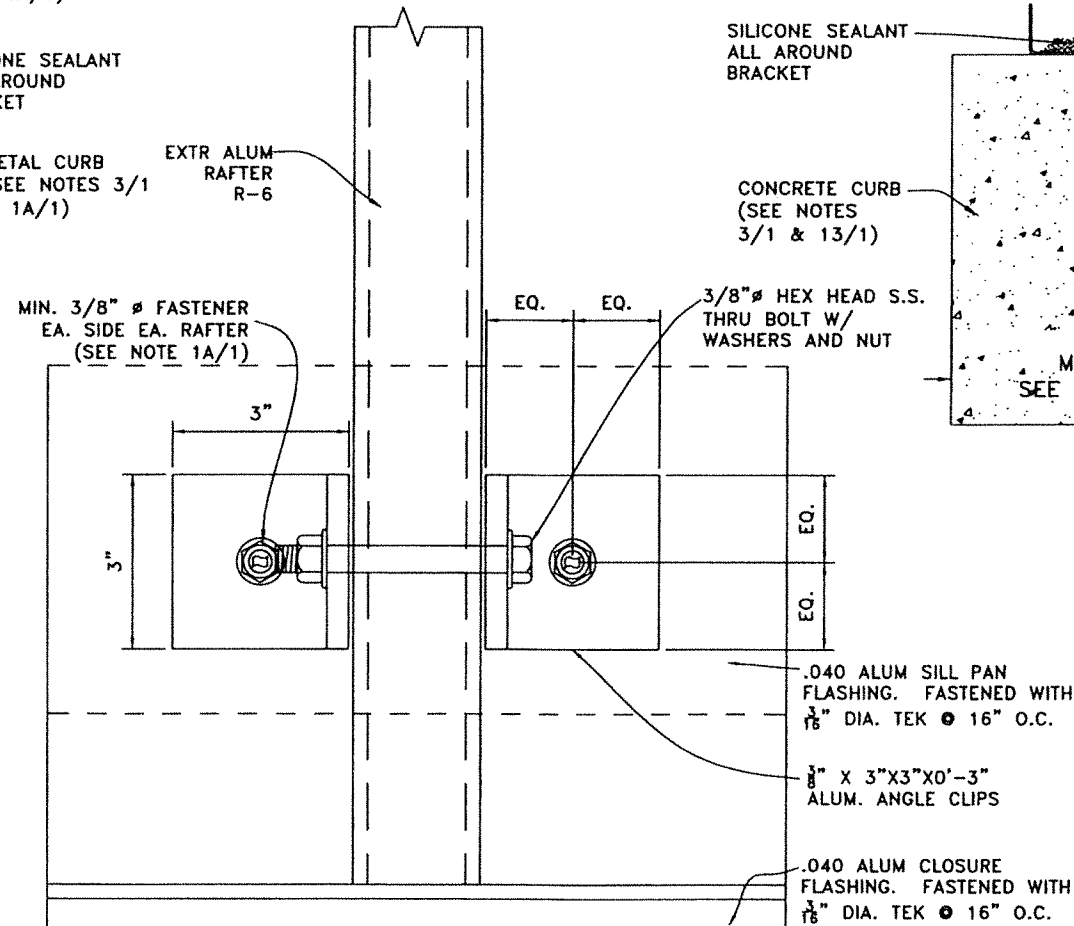
SEE SHEET 2A FOR
GLAZING DETAIL
W/ GLASS (A)



DETAIL 1 W/ (B) *
TO METAL
SCALE: N.T.S.



DETAIL 1 W/ (B) *
TO CONCRETE
SCALE: N.T.S.



SECTION Y-Y
(PLAN)

SILL DETAIL CONNECTION (SIDE VIEW)

* NOTE:
SEE SHEET 2A FOR
GLAZING DETAIL
W/ GLASS (A)

Y.M. DRAWN BY:	7/14/2023 DATE:	23-097 DRAWING NO.	SHEET 5 OF 14
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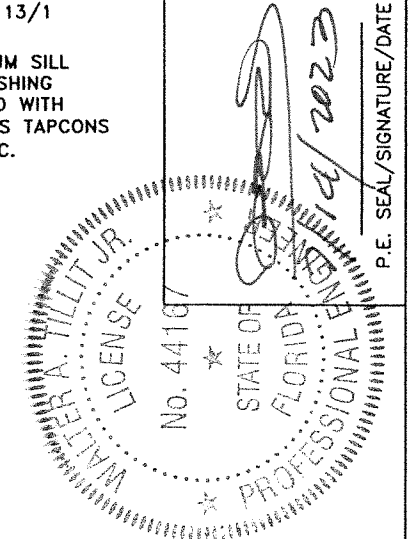
IMPACT RESISTANT SCI-H500
SKYLIGHT SYSTEM (L.M.I.)

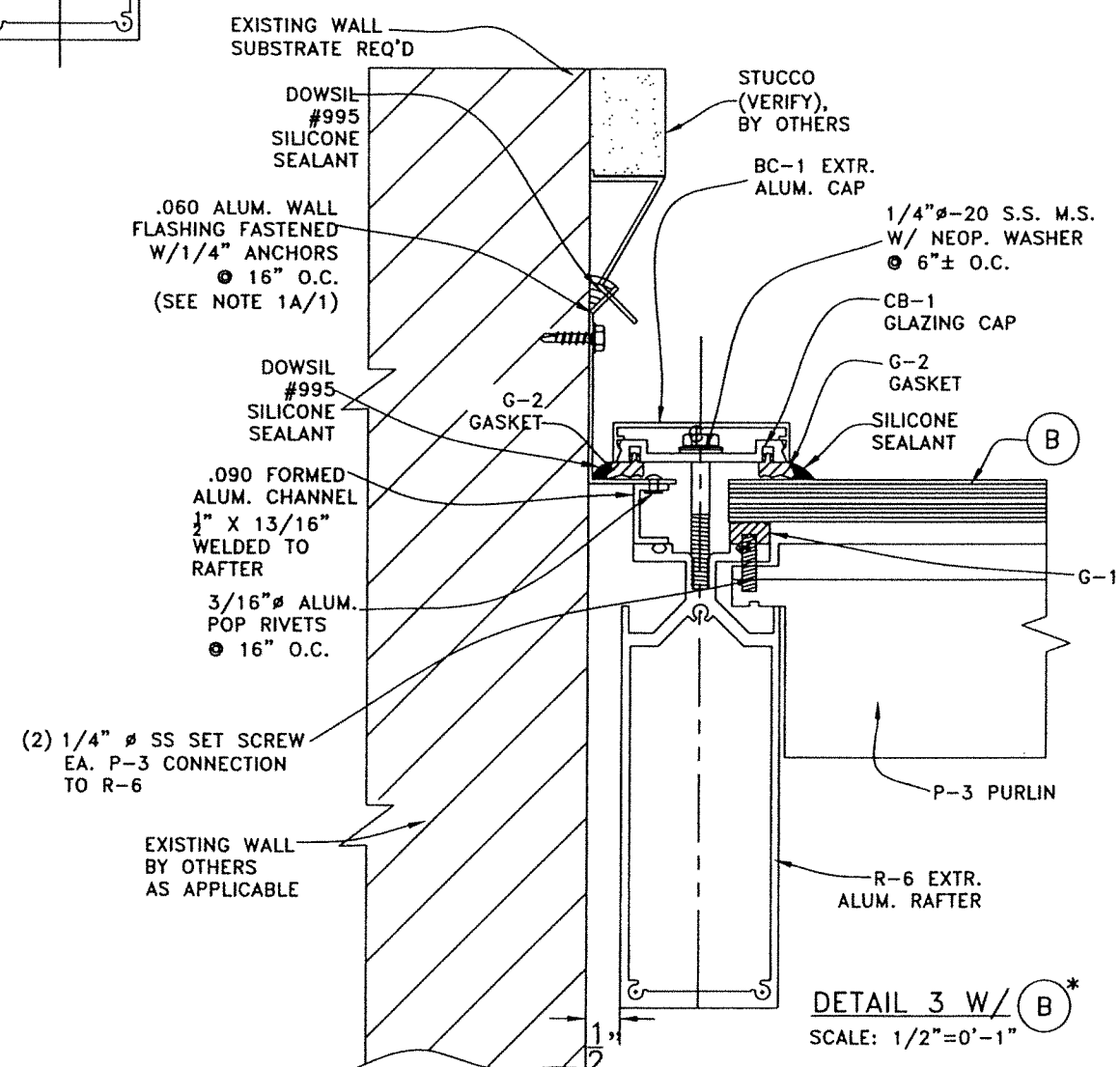
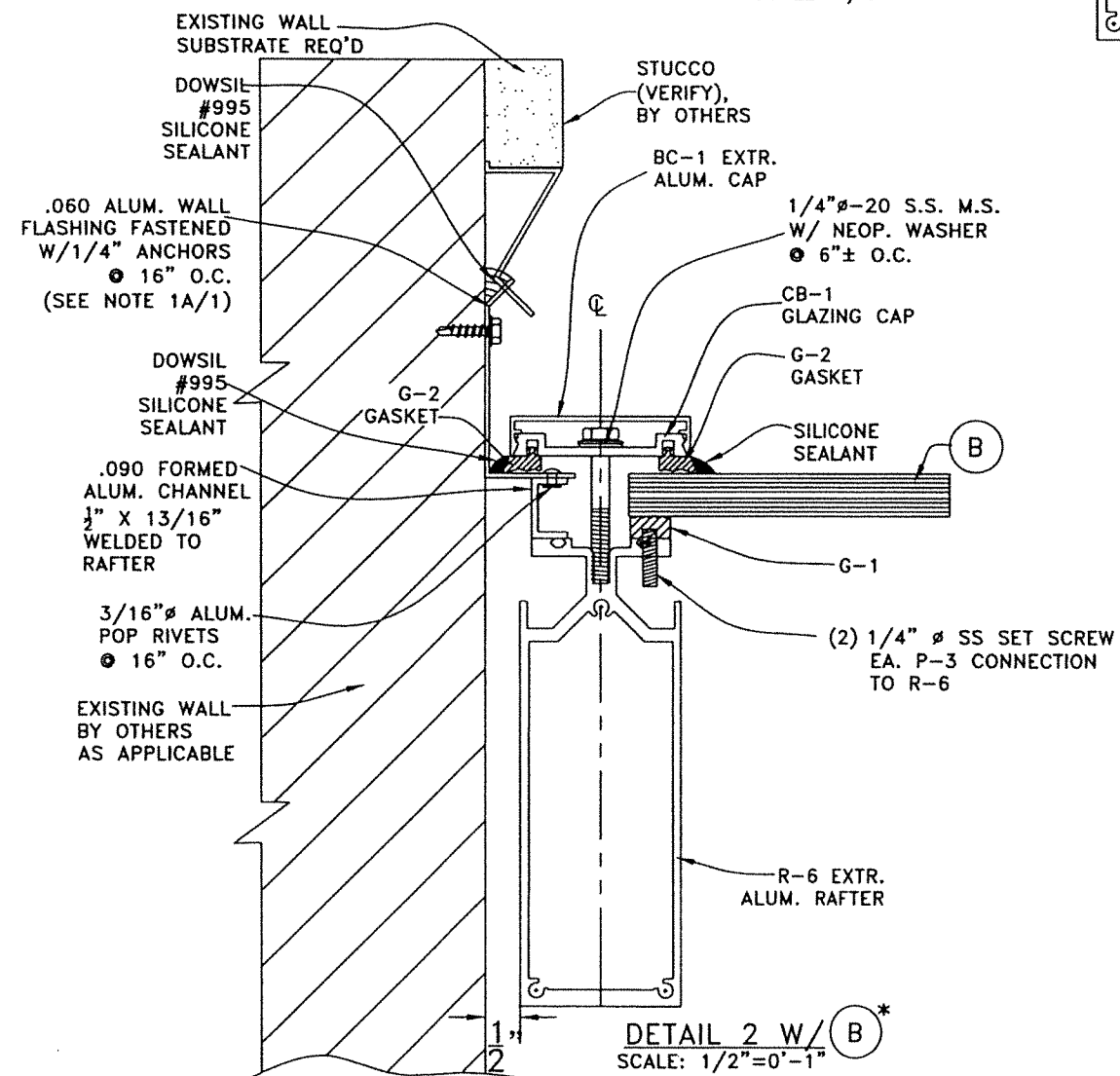
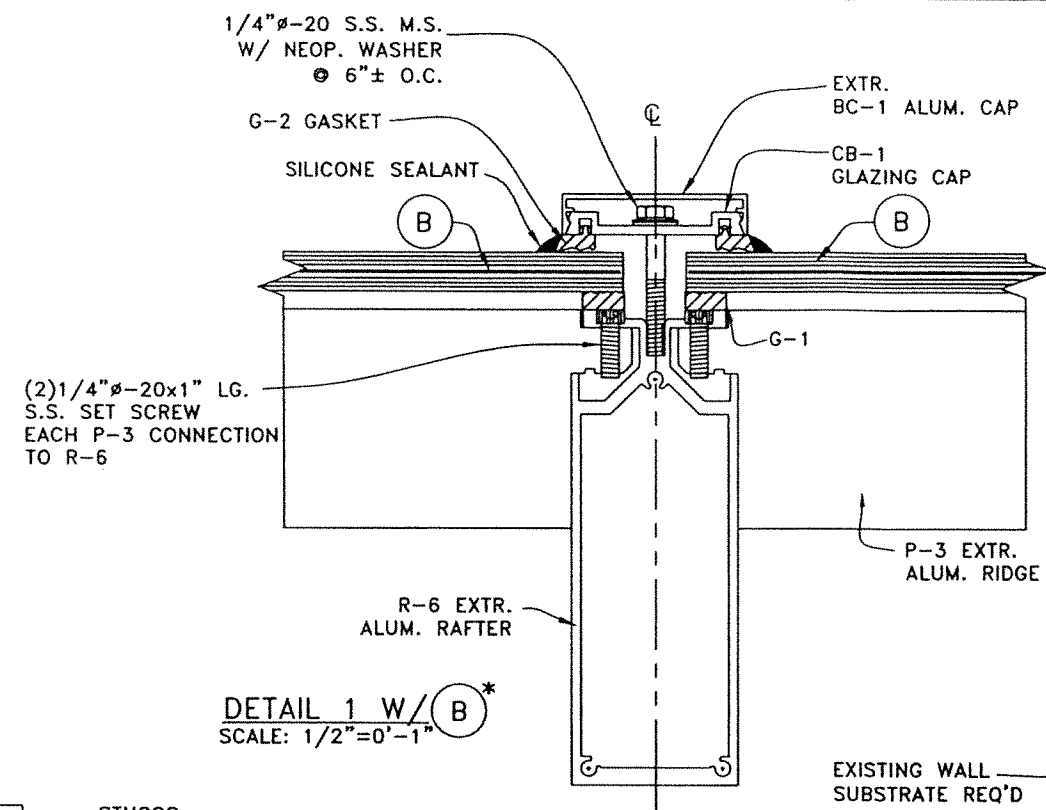
SKYLIGHT CONCEPTS, INC.
9715 W. BROWARD BLVD #264
PLANTATION, FLORIDA 33324

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

TILECO INC.
TILT TESTING & ENGINEERING COMPANY
1335 N.W. 34th St., Suite 100, Fort Lauderdale, FL 33308
Phone: (305) 441-1511 Fax: (305) 441-1511

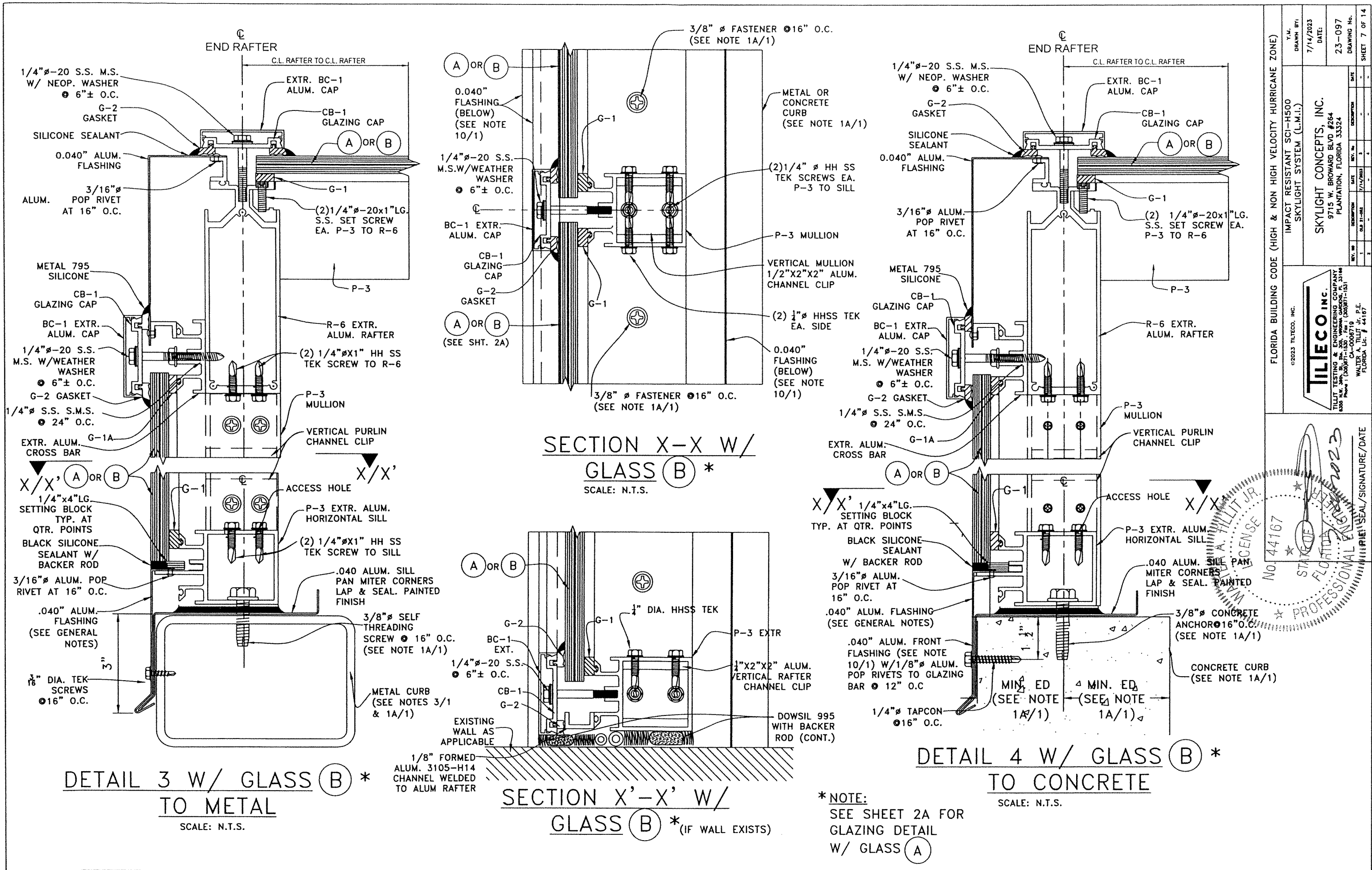
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

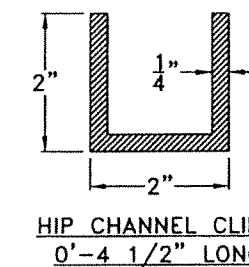
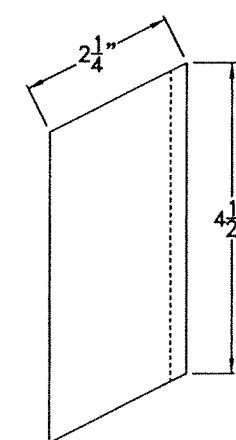
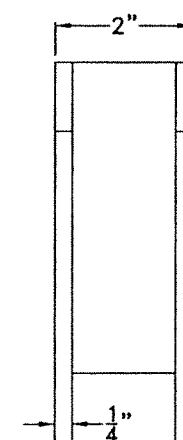
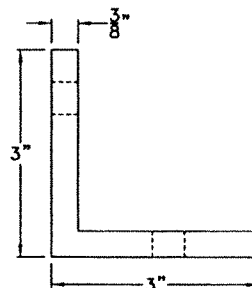
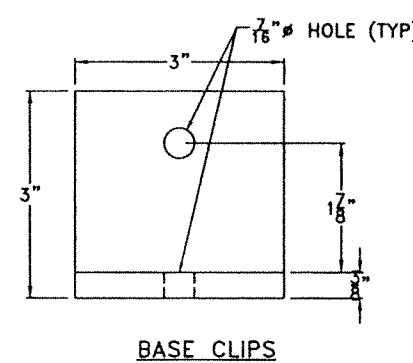
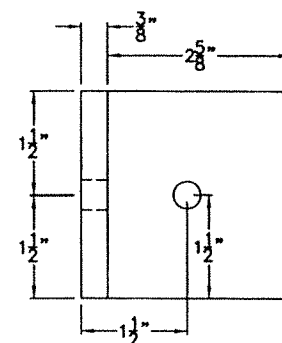
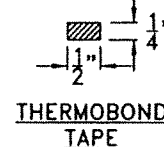
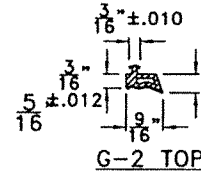
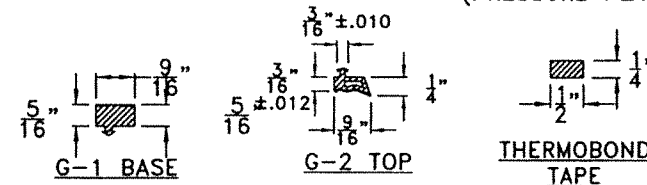
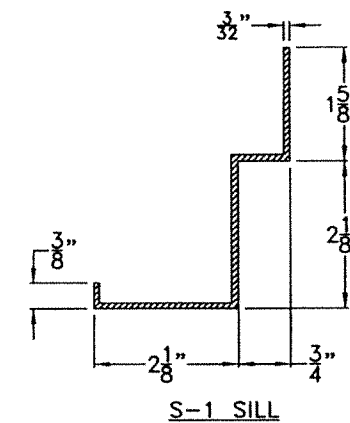
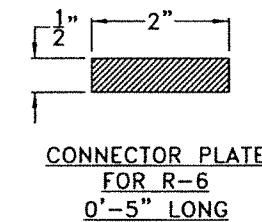
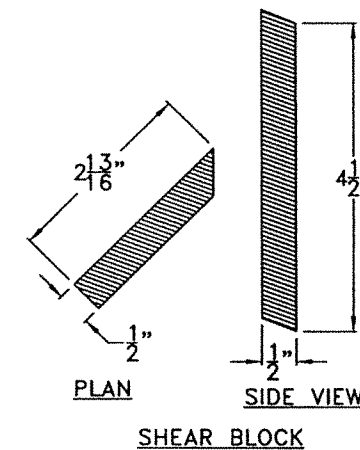
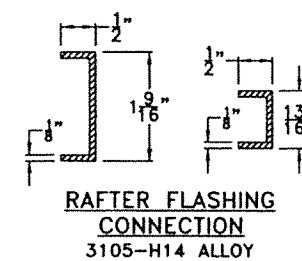
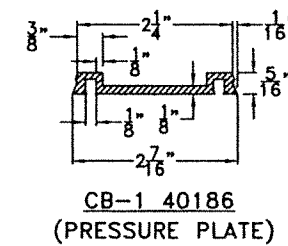
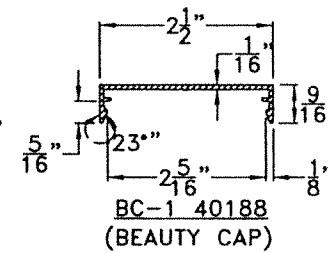
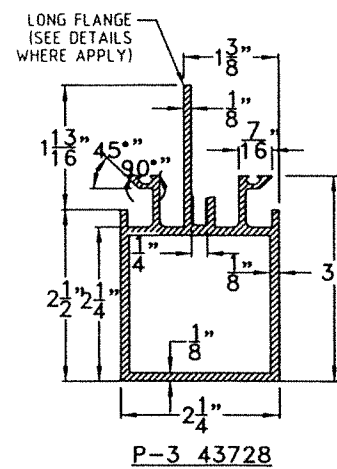
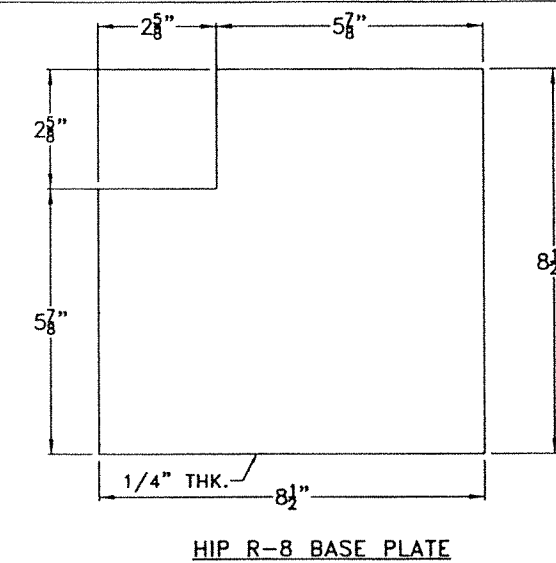
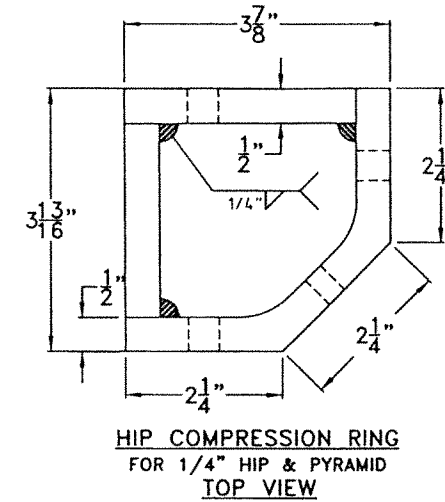
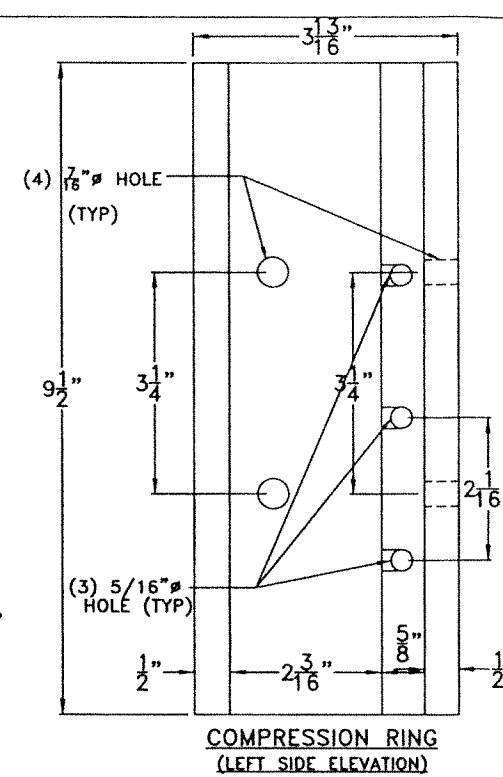
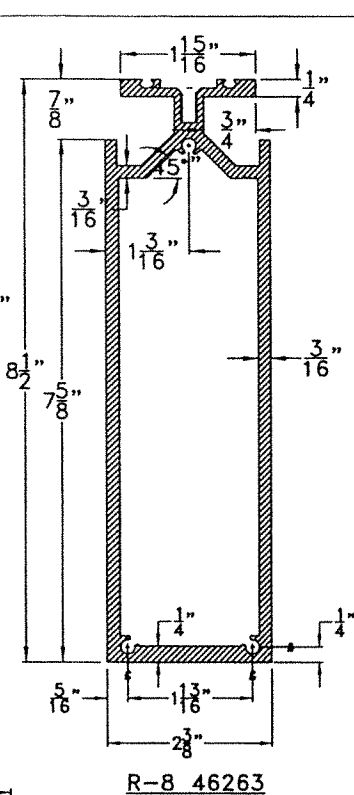
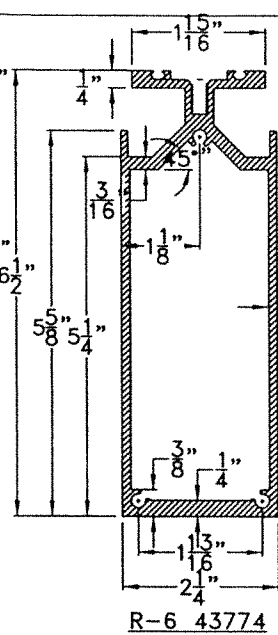
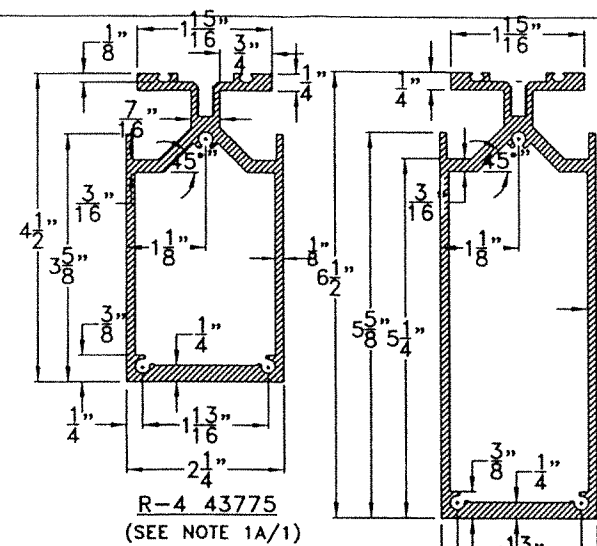




* NOTE:

SEE SHEET 2A FOR
GLAZING DETAIL
W/ GLASS (A)





COMPONENTS FOR HIP GABLE OR PYRAMID ROOF SKYLIGHTS (SEE SHT. 8A FOR GLASS, SEE NOTE 1A/1)

SCALE: N.T.S

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

FLORIDA BOILER WORKERS' ASSOCIATION, INC.

TILTECO INC.
 TILT TESTING & ENGINEERING COMPANY
 1111 N.W. 34th St., Ste. 205, VEROBEACH, FL 33164
 Phone: (305) 671-1330 • Fax: (305) 671-1331
 CA-0006719
 WALTER A. TILLOT Jr., P.E.
 FLORIDA Lic. # 44167

TER A. TILST JR. P.E.
ORIDA UG. # 44167

IMPACT RESISTANT SCI-H500

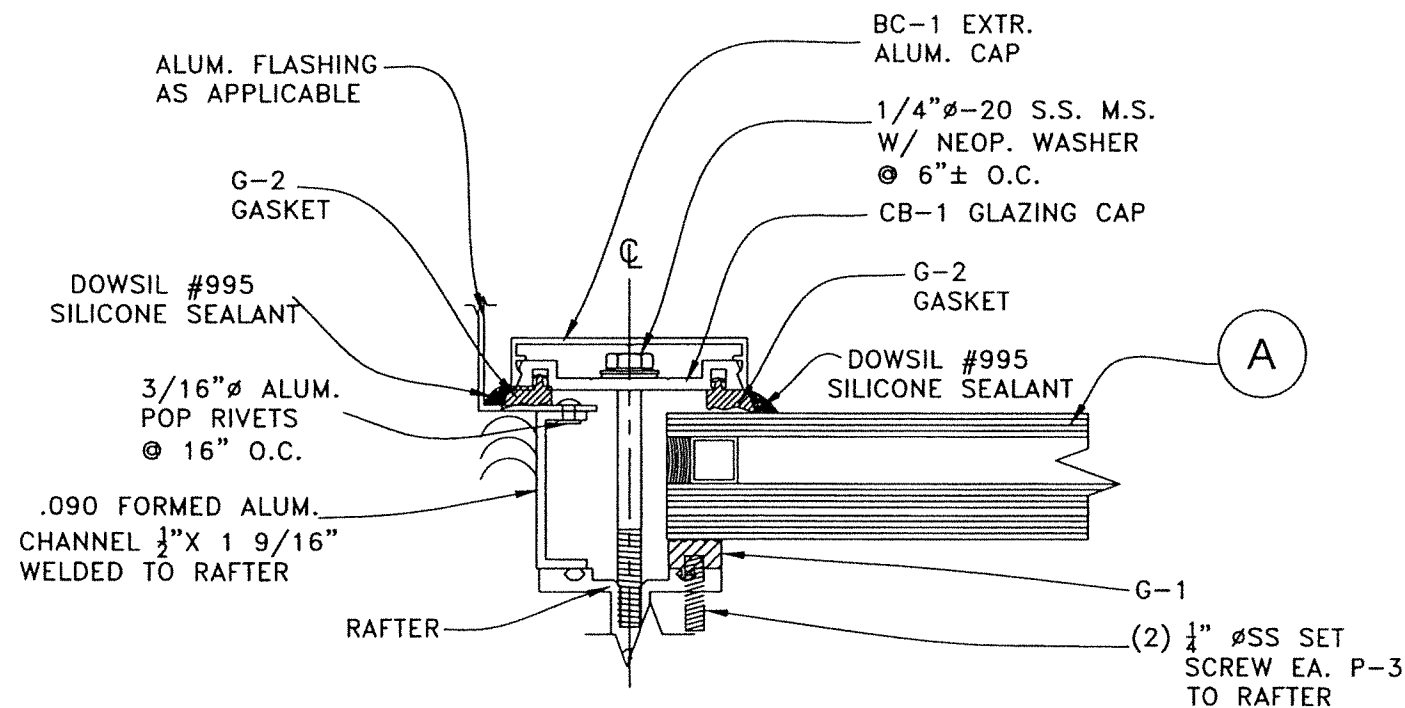
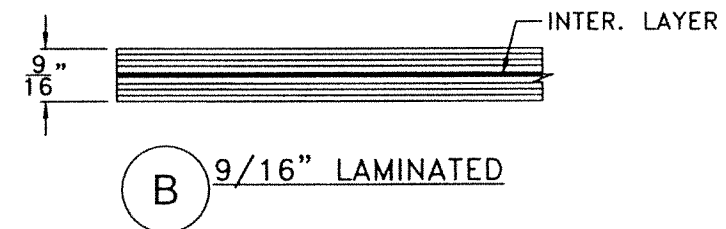
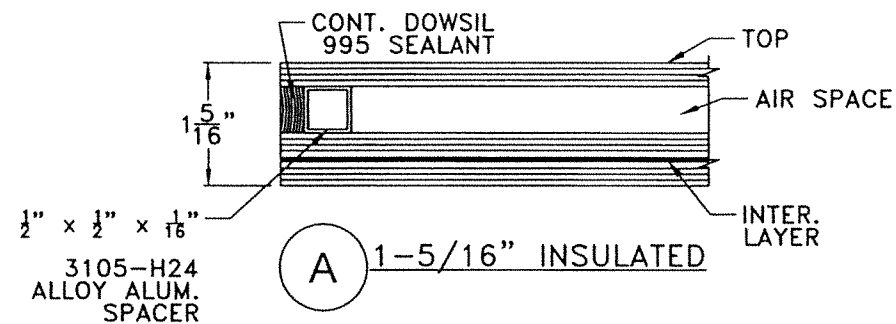
SKYLIGHT SYSTEM (L.M.I.)

SKYLIGHT CONCEPTS, INC.
9715 W. BROWARD BLVD #264
FORT LAUDERDALE, FL 33304

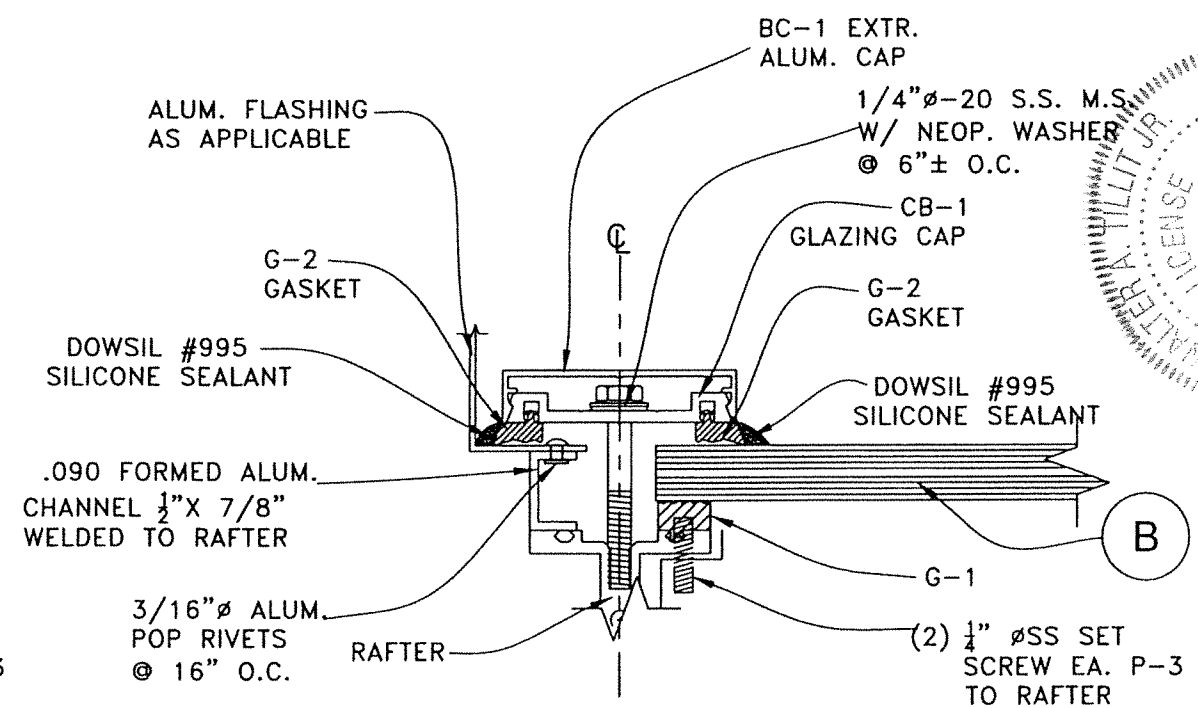
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE
2022

Y.M.

GLAZING COMPONENTS (VALID FOR HIP OR PYRAMID SKYLIGHTS)		
SKYLIGHT	DESCRIPTION	MATERIAL
(A)	1 5/16" NOMINAL INSULATED GLASS W/ 1/4" TEMPERED AT TOP + 1/2" AIR SPACE + 1/4" CLEAR H.S. GLASS + 0.090" SGP INTERLAYER BY KURARAY AMERICA, INC. + 1/4" CLEAR H.S. + 1/2" x 1/2" x 1/16" ALUM. ALLOY SPACER	I.G. GLASS
(B)	9/16" NOMINAL LAMINATED GLASS W/ 1/4" CLEAR H.S. + 0.090" SGP BY KURARAY AMERICA, INC. + 1/4" CLEAR H.S.	L.G. GLASS



GLAZING DETAIL W/ 1 5/16" INSULATED GLASS (A)
SCALE: 1/2" = 0'-1"



GLAZING DETAIL W/ 9/16" LAMINATED GLASS (B)
SCALE: 1/2" = 0'-1"

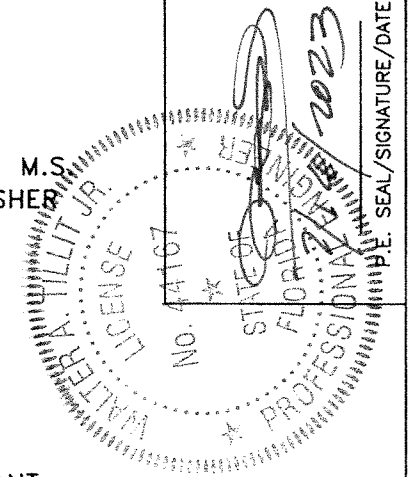
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

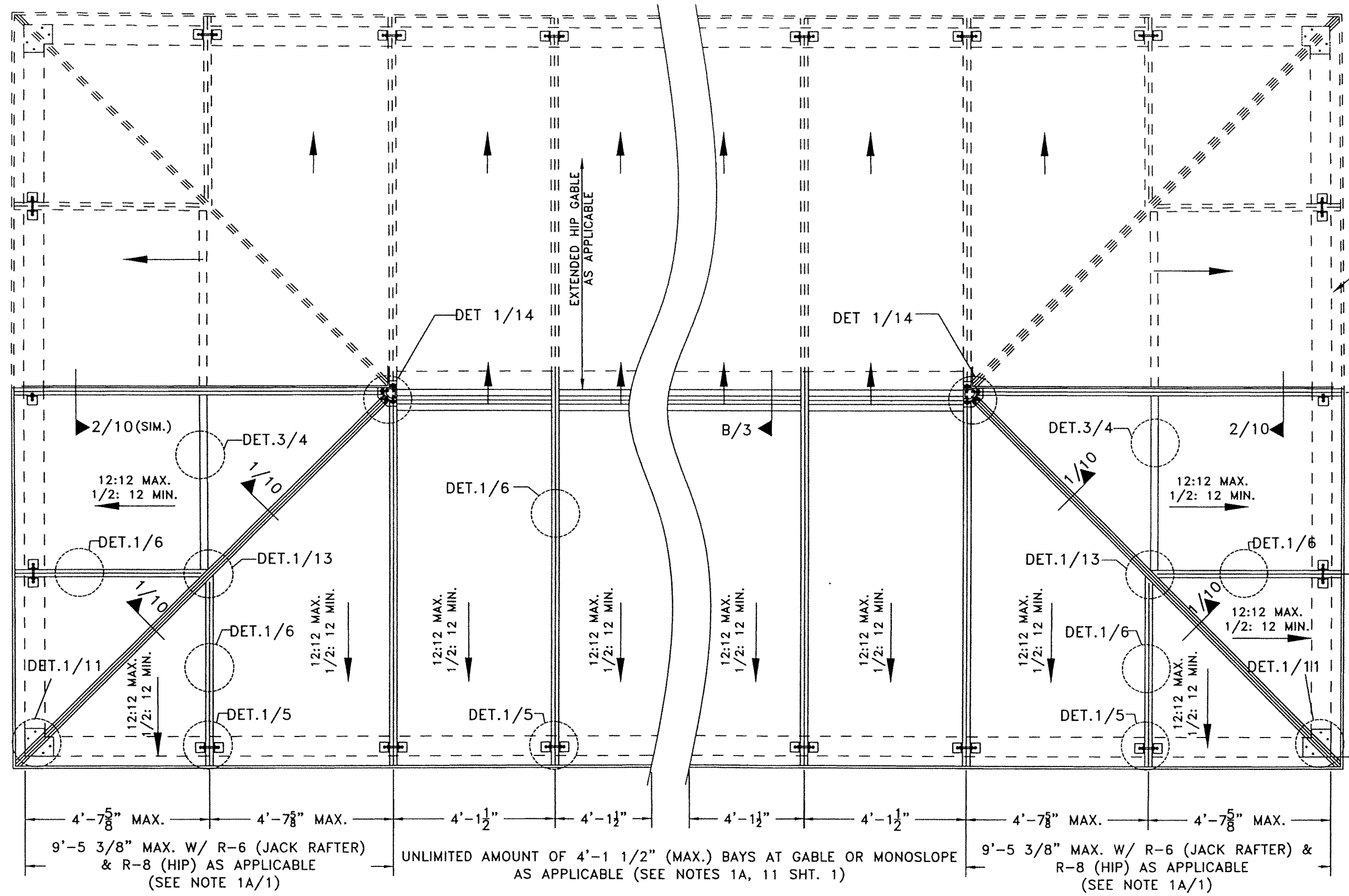
IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)

Y.M. DRAWN BY: 7/14/2023 DATE: 23-097 DRAWING NO. SHEET 8A OF 14

SKYLIGHT CONCEPTS, INC.
9715 W. BROWARD BLVD #264
PLANTATION, FLORIDA 33324

TILECO INC.
TILIT TESTING & ENGINEERING COMPANY
1335 N.W. 24th St., Suite 200, Fort Lauderdale, FL 33311
Phone: (305) 771-1500 Fax: (305) 771-1531
WALTER A. TILIT JR., P.E.
FLORIDA Lic. # 44167





GENERIC HIP/PYRAMID ROOF FRAMING PLAN (SEE NOTE 1A)
SCALE= N.T.S.

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

IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)

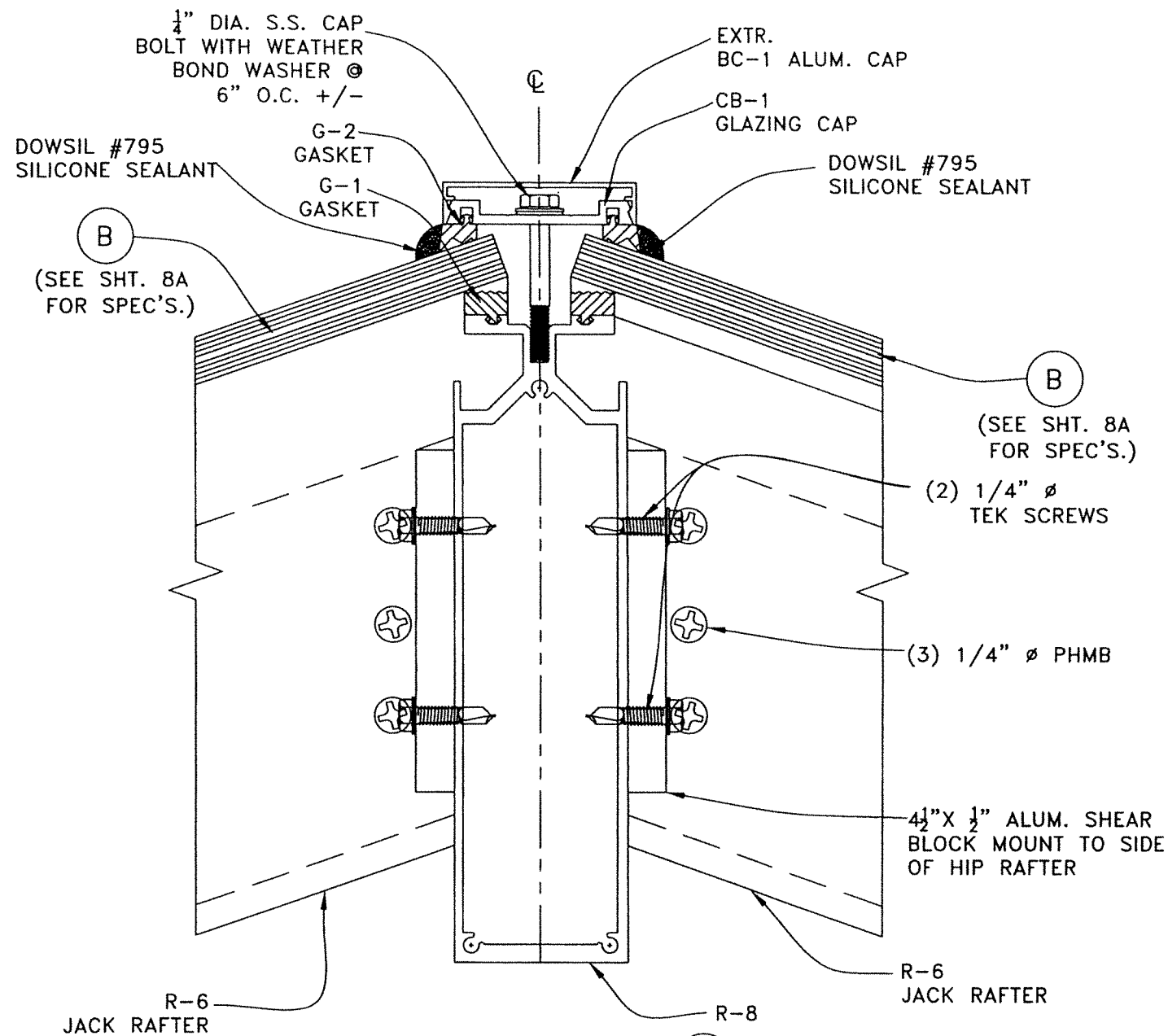
Y.M. DRAWN BY: 7/14/2023 DATE: 23-097 DRAWING NO. 9 OF 14

SKYLIGHT CONCEPTS, INC.
9715 W. BROWARD BLVD #264
PLANTATION, FLORIDA 33324

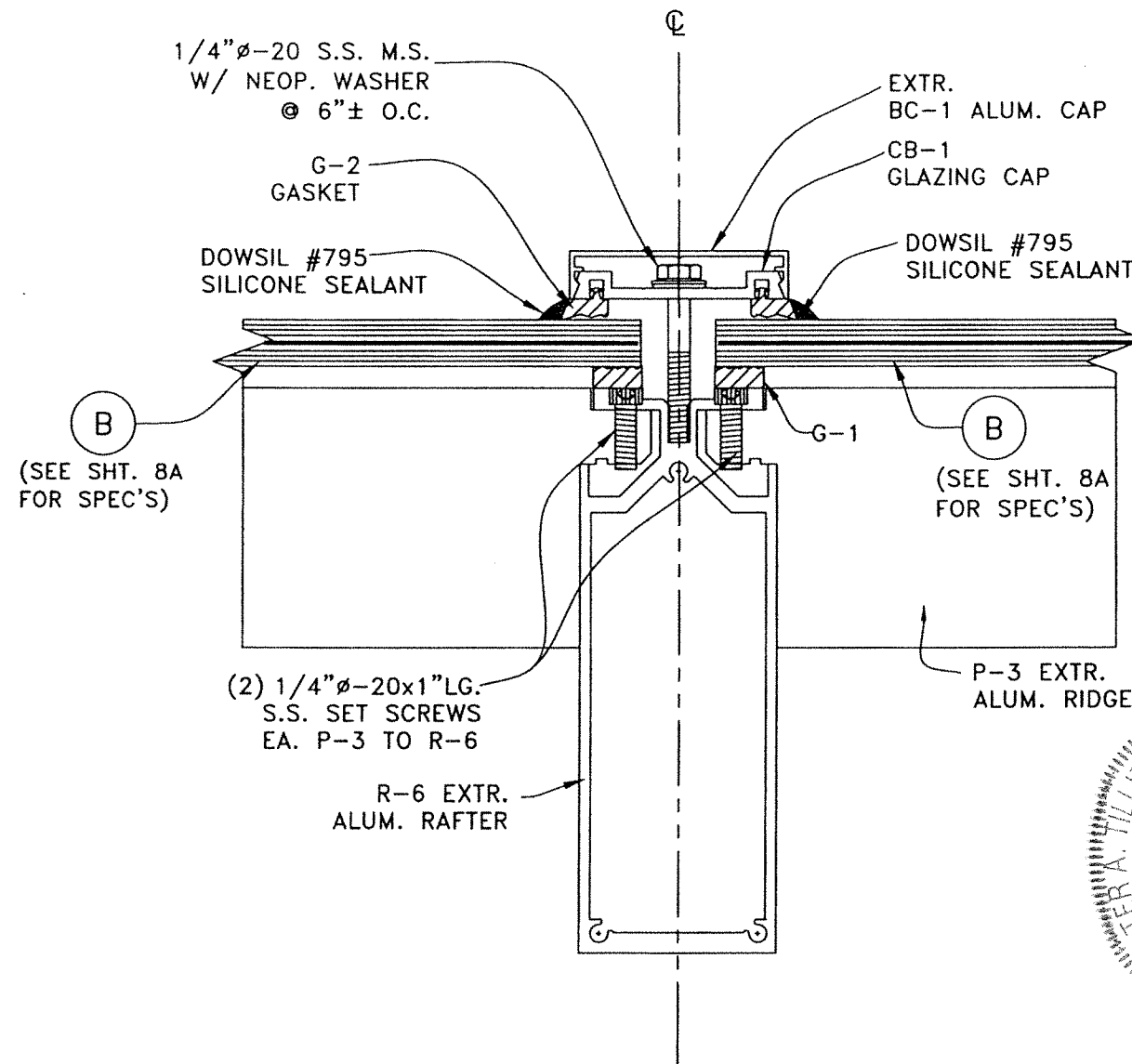
TILECO INC.
TILE TESTING & ENGINEERING COMPANY
1355 N.W. 36th St., Suite 100, Fort Lauderdale, FL 33309
Phone: (954) 351-1511
Fax: (954) 351-1512
WALTER A. TILIT, Jr., P.E.
FLORIDA Lic. # 44167

WALTER A. TILIT, Jr., P.E.
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEAL/SIGNATURE/DATE

4/20/23

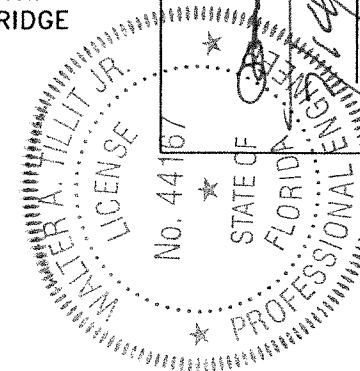


SECTION 1 W/ (B) *
SCALE: 1/2"=0'-1"

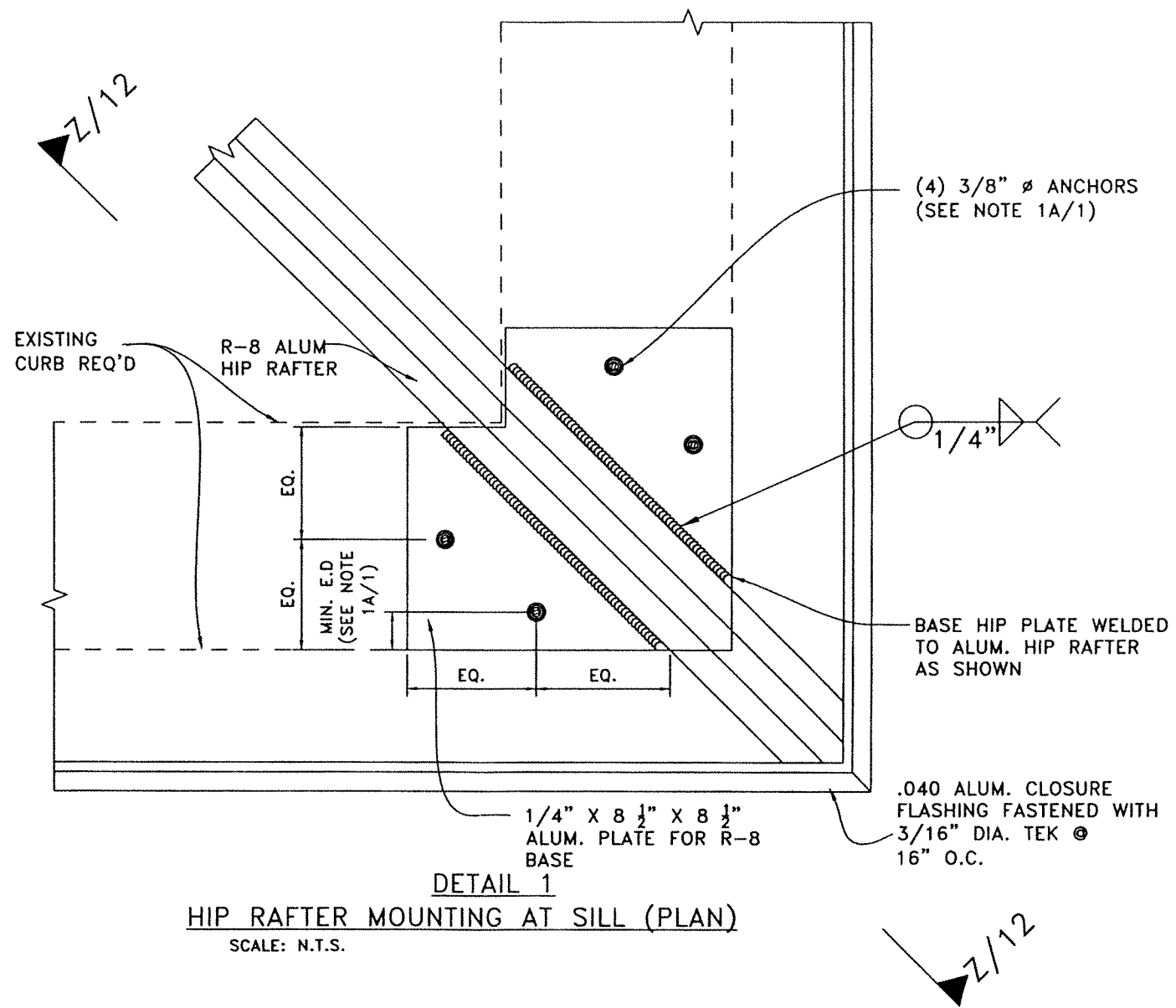


SECTION 2 W/ (B) *
SCALE: 1/2"=0'-1"

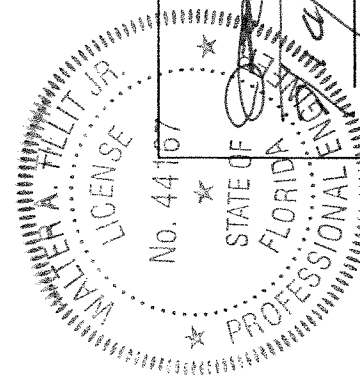
* NOTE:
SEE SHEET 8A FOR
GLAZING DETAIL
W/ GLASS (A)



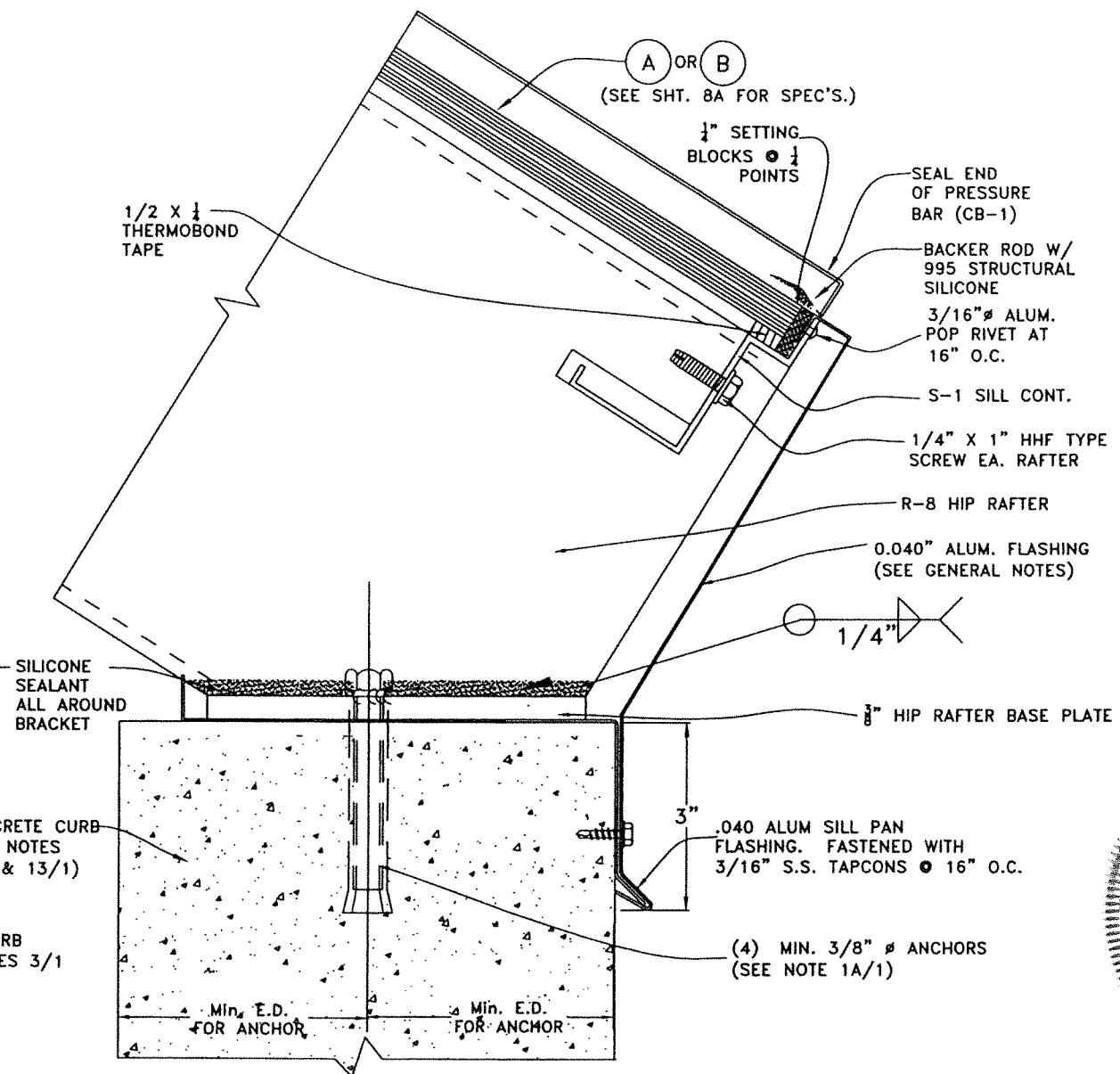
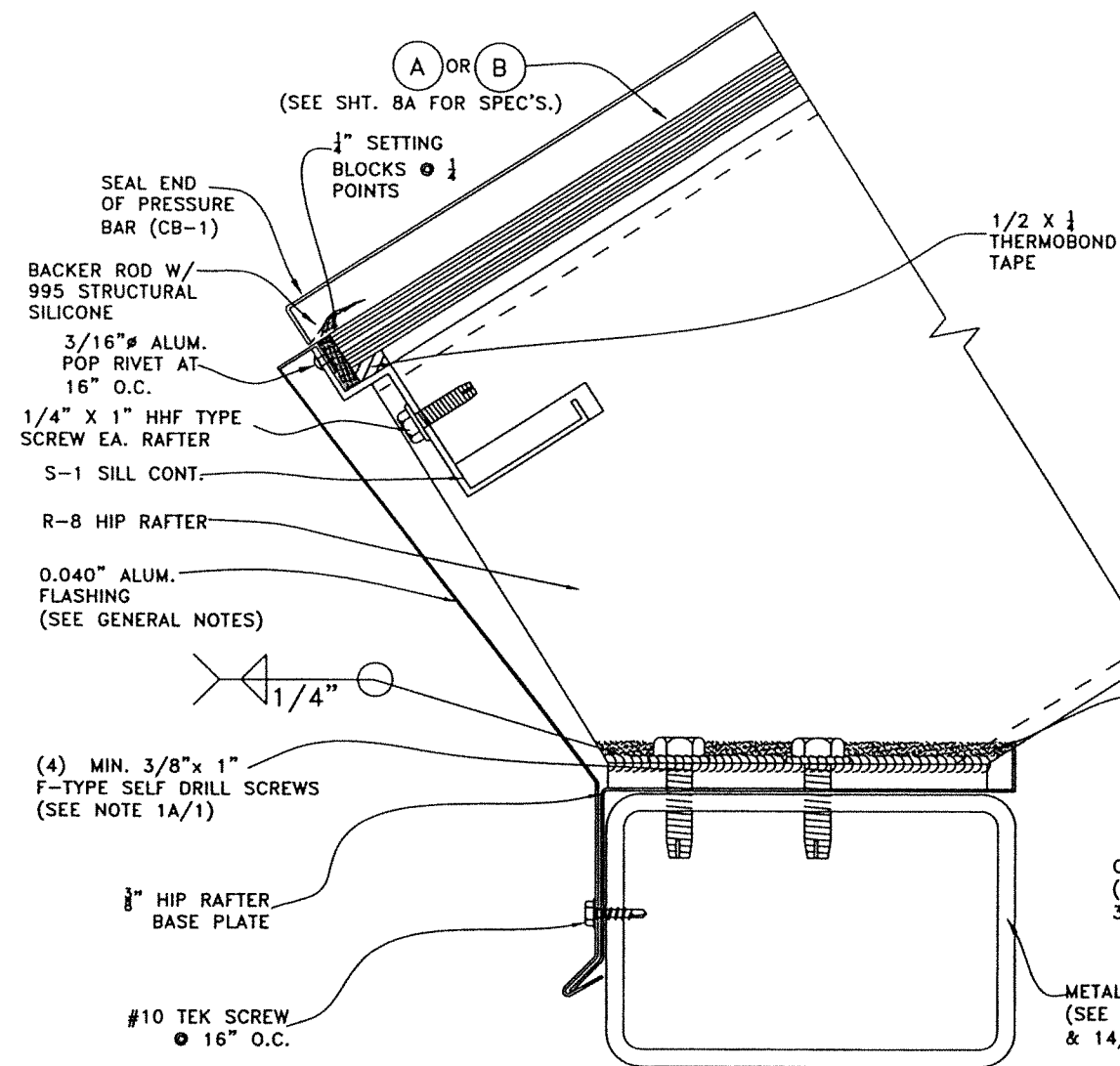
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		Y.M. DRAWN BY:	7/14/2023
IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)		DATE:	23-097
TILECO INC. 9715 W. BROWARD BLVD. #264 PLANTATION, FLORIDA 33324		DATE:	7/14/2023
TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6330 N.W. 34th St., Ste. 200, Virginia Gardens, FL 33146 Phone 1 (800) 771-1311 FAX 1 (904) 771-1311 CA-0008719		DATE:	7/14/2023
WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167		DATE:	7/14/2023
P.E. SEAL/SIGNATURE/DATE		DATE:	7/14/2023



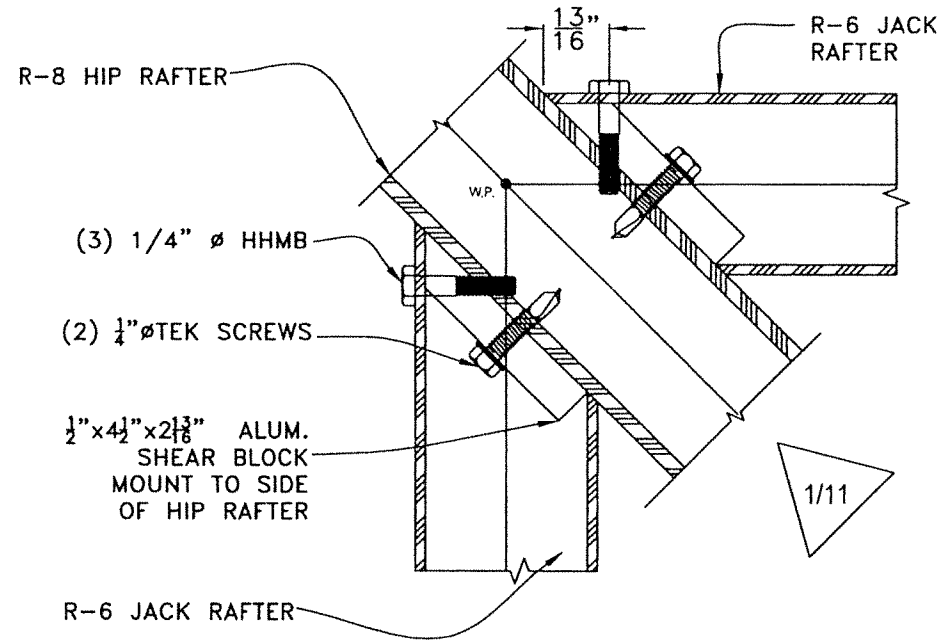
DETAIL 1
HIP RAFTER MOUNTING AT SILL (PLAN)
 SCALE: N.T.S.



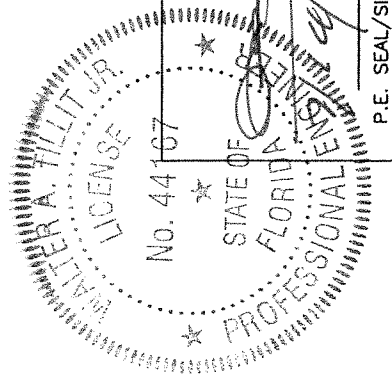
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)		Y.M. DRAWN BY: 7/14/2023	DATE: 7/14/2023
TILECO INC. ©2023 TILECO, INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 34th St., Suite 200, Virginia Gardens, FL 33166 Phone: (305) 481-1501		SKYLIGHT CONCEPTS, INC. 9715 W. BROWARD BLVD #264 PLANTATION, FLORIDA 33324		DATE: 7/14/2023	DATE: 7/14/2023
WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167		DATE: 7/14/2023		DATE: 7/14/2023	DATE: 7/14/2023
P.E. SEAL/SIGNATURE/DATE		DRAWING No. 23-097		SHEET 11 OF 14	



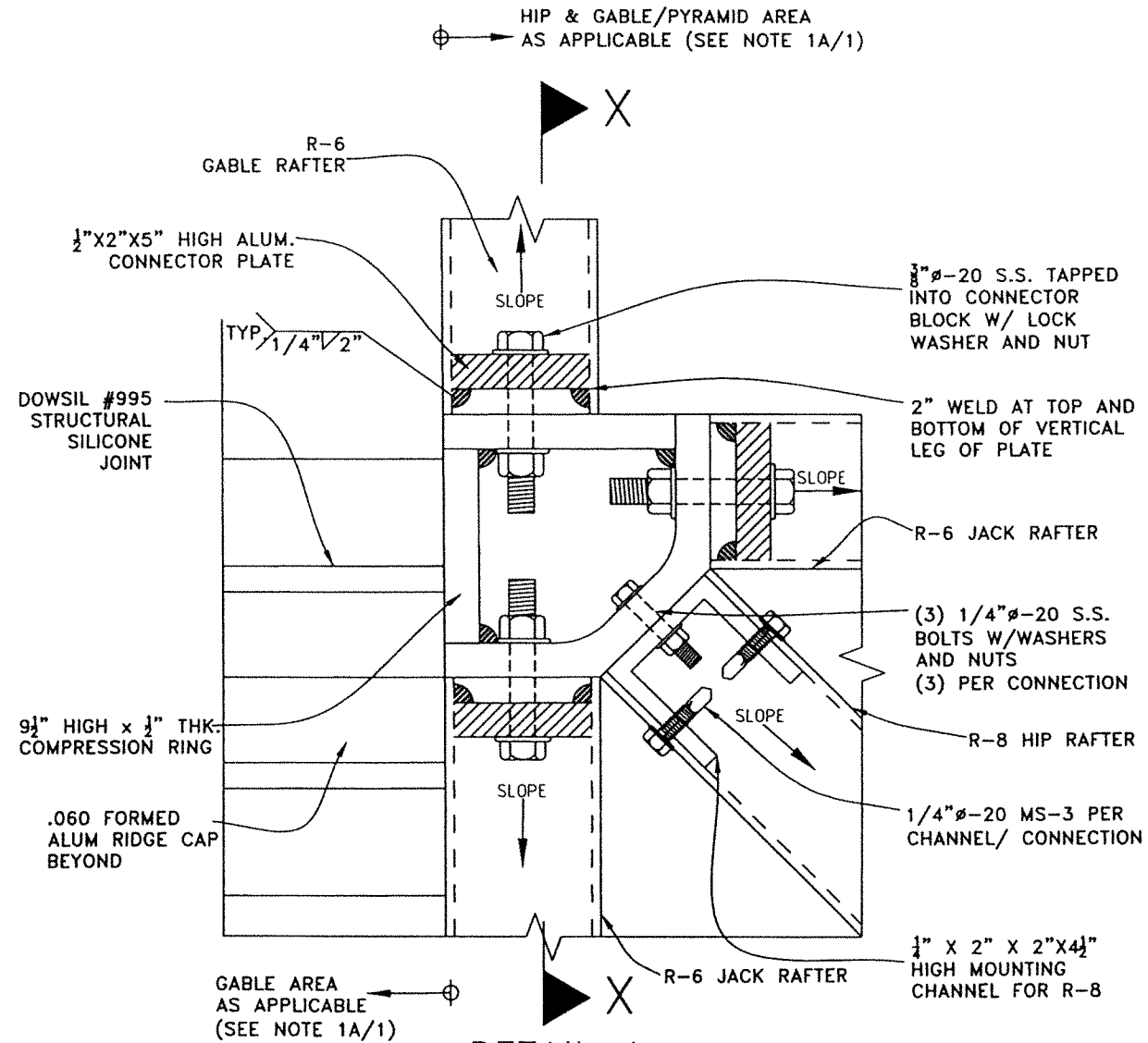
VIEWS Z-Z



DETAIL 1
JACK RAFTER CONNECTION TO HIP RAFTER
 SCALE: N.T.S. (PLAN)

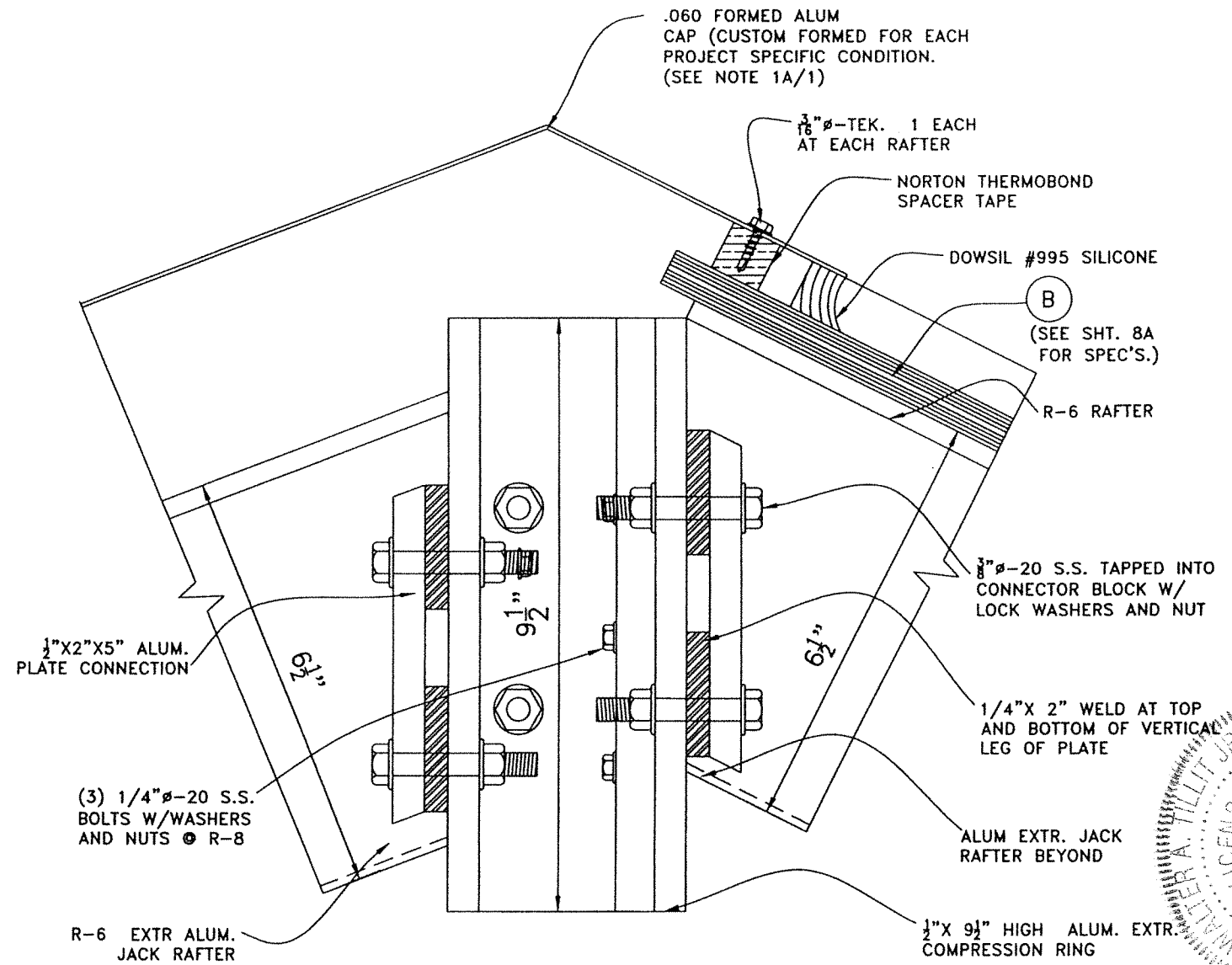


FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)		IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)		Y.M. DRAWN BY:
TILECO INC. TILLIT TESTING & ENGINEERING COMPANY 6333 N.W. 36th St., Ste. 305, Virginia Gardens, FL 33166 Phone: (305) 497-1151 FAX: (305) 497-1151		SKYLIGHT CONCEPTS, INC. 9715 W. BROWARD BLVD #264 PLANTATION, FLORIDA 33324		7/14/2023 DATE:
WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167		23-097 DRAWING No.		7/14/2023 DATE:
REV.	NO.	DESCRIPTION	DATE	BY
1	1	045 21-045	7/14/2023	3
2	2			4



DETAIL 1
COMPRESSION RING
(PLAN)
SCALE: N.T.S.

* **NOTE:**
SEE SHEET 8A FOR
GLAZING DETAIL
W/ GLASS (A)



SECTION X-X AT
COMPRESSION RING W/ (B)*
SCALE: N.T.S.

IMPACT RESISTANT SCI-H500 SKYLIGHT SYSTEM (L.M.I.)	Y.M. DRAWN BY: 7/14/2023
SKYLIGHT CONCEPTS, INC. 9715 W. BROWARD BLVD #264 PLANTATION, FLORIDA 33324	DATE: 23-097 DRAWING NO.
REV. NO.	REV. DATE
1	0.0 11-048 7/14/2023
2	- - - - -

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

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TILTECO INC.
TILIT TESTING & ENGINEERING COMPANY
1800 W. BROWARD BLVD #264
PLANTATION, FLORIDA 33324
CA-0006719
WALTER A. TILIT JR., P.E.
FLORIDA LIC. # 44167

No. 44167

STATE OF FLORIDA

WALTER A. TILIT JR.

PROFESSIONAL ENGINEER

SEAL/SIGNATURE/DATE