MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Sto Corporation
3800 Camp Creek Parkway Bldg. 1400 Suite 120
Atlanta, GA 30331

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).
This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.
This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: StoVentec Render and StoVentec Veneer Composite Rainscreen Systems

APPROVAL DOCUMENT: Drawing No. **5897-SK1**, titled "StoVentec Render and StoVentec Veneer Rainscreen Systems", sheets 1 through 14 of 14, dated 08/20/2025, prepared by Sto Corporation, signed and sealed by Christopher W.C Bowness, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Lauingen, Germany, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein. Components of this product come in different size buckets or drums. Each container needs to be labeled. Unit is further defined as each individual board of insulation and roll of reinforcing mesh.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA **revises NOA # 22-1103.02** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.
The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**

MIAMI-DADE COUNTY APPROVED

09/15/25

NOA No. 25-0610.02
Expiration Date: December 30, 2026
Approval Date: September 25, 2025

Sto Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 21-0816.07

A. DRAWINGS

1. Drawing No. **2019-6412**, titled "StoVentec Render Rainscreen System Installation Details", sheets 1 through 7 of 7, dated 09/15/2021, prepared by Sto Corporation, signed and sealed by William R. Heiden III, P.E. on 11/16/2021.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of StoVentec Render System installed over 5/8" Plywood Sheathing, prepared by Progressive Engineering Inc, Test Report No. **2019-6412(B)**, dated 10/14/2020, signed and sealed by Carl D. Fussner, P.E.

C. CALCULATIONS

1. Anchoring calculation, prepared by William R. Heiden III, P.E., dated 11/16/2021, signed and sealed by William R. Heiden III, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement of code conformance to the 7th Edition (2020) of the FBC and of no financial interest, issued by William R. Heiden III, P.E., dated 11/16/2021, signed and sealed by William R. Heiden III, P.E.

2. Distributor agreement between Verotec GmbH (manufacturer) and Sto Corp. (distributor), dated 10/05/2021.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0610.02
Expiration Date: December 30, 2026
Approval Date: September 25, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under NOA # 22-1103.02

A. DRAWINGS

1. Drawing No. **2019-6412 (B)**, titled "StoVentec Render and StoVentec for Masonry Veneer Façade Rainscreen System Installation Details", sheets 1 through 9 of 9, dated 08/15/2022 and 06/02/2022, prepared by Sto Corporation, signed and sealed by William R. Heiden III, P.E.

B. TESTS

1. Test reports on Flatwise Tensile Strength Test per ASTM E2568-17a and ASTM C297-16 on StoVentec Render System with StoCast Finish, prepared by Progressive Engineering Inc, Test Report No. **2022-6032 (B)**, dated 04/13/2022, signed and sealed by Carl D. Fussner, P.E.

2. Test reports on Flatwise Tensile Strength Test per ASTM E2568-17a and ASTM C297-16 on StoVentec for masonry veneer facades, prepared by Progressive Engineering Inc, Test Report No. **2022-6033 (A)**, dated 04/20/2022, signed and sealed by Carl D. Fussner, P.E.

C. CALCULATIONS

1. Anchoring calculation, prepared by William R. Heiden III, P.E., dated 11/16/2021, signed and sealed by William R. Heiden III, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. None.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0610.02
Expiration Date: December 30, 2026
Approval Date: September 25, 2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

1. Drawing No. **5897-SK1**, titled "StoVentec Render and StoVentec Veneer Rainscreen Systems", sheets 1 through 14 of 14, dated 08/20/2025, prepared by Sto Corporation, signed and sealed by Christopher W.C Bowness, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of StoVentec Render Wall System, prepared by PRI Construction Materials Technologies LLC, Test Report No. **1063T0007**, dated 11/13/2023, signed and sealed by Zachary R. Priest, P.E.

C. CALCULATIONS

1. Evaluation report, prepared by Boca Engineering Co., dated 06/18/2024, signed and sealed by Christopher W.C Bowness, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

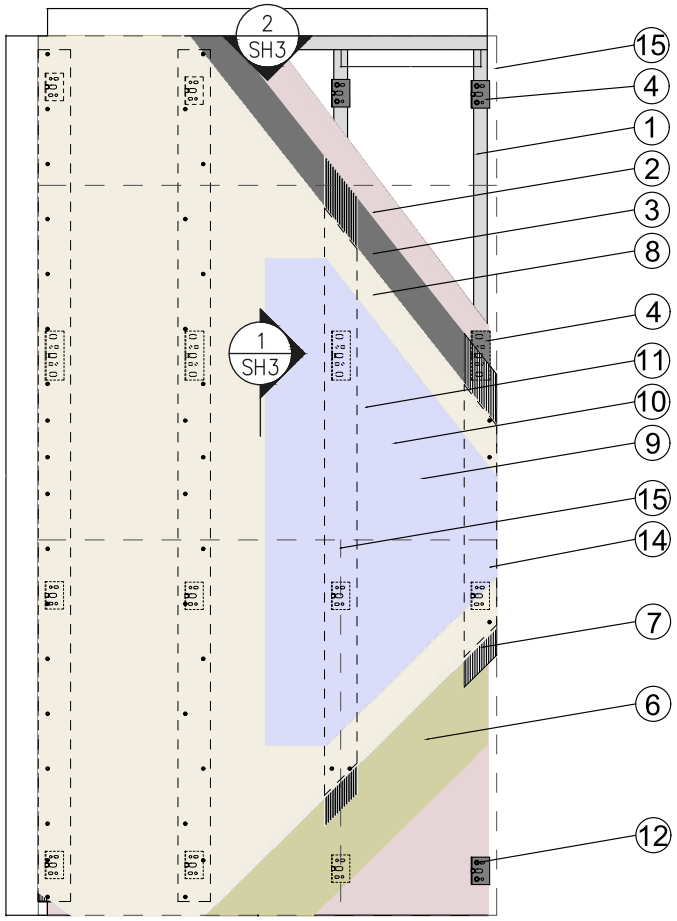
1. Statement of code conformance to the 8th Edition (2023) of the FBC and of no financial interest, issued by Boca Engineering Co., dated 06/18/2024, signed and sealed by Christopher W.C Bowness, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0610.02
Expiration Date: December 30, 2026
Approval Date: September 25, 2025

STOVENTEC RENDER INSTALLATION ELEVATION	
MAXIMUM DESIGN PRESSURE	IMPACT RATING
+/− 80.0 PSF (ASD)	LARGE MISSILE IMPACT

KEY

1) Structural wall assembly (Min. 6" 18ga steel studs and track @ 16" O.C. (shown), concrete wall, grout-filled CMU, or hollow-core CMU). Note: attachment to concrete wall shown on sheets 5 and 6.
2) 5/8" 5-Ply, Plywood sheathing fastened with #10 x 1-7/16" Self-Drilling Flat Head Screws @ 6" o.c. along studs and perimeter (18ga steel wall only).
3) Sto AirSeal®, Fluid-applied Air & Water-Resistive Barrier (18ga steel wall only).
4) StoVentro™/ Galvanized Steel Brackets (FP/GP).
   FP Brackets:130mm (5-1/8") [height], 2mm (1/16") [thickness], maximum 80mm (3-5/32") [depth]
   GP Brackets: 75mm (2-15/16") [height], 2.0mm (1/16") [thickness], maximum 80mm (3-5/32") [depth]
5) Wyrite Insulation Struts - 304 stainless steel wire - fastened to T-Profile with one 1/4" x 1" self-drilling hex head screw (not shown).
6) Mineral wool insulation complying with ASTM C612 and ASTM E136 with density range from 3.5 lb/ft^3/ to 4.5 lb/ft^3 / no thicker than 2 in.
7) StoVentro™/ T-Profile. 6005A-T5 aluminum. 3m (9' 10-1/8") [long], 90mm (3-9/16") wide, 50mm (2") deep.
8) 1/2" (12mm) StoVentec Carrier Board A+, made of recycled glass granulate.
9) StoArmat Classic Plus, ready-mixed acrylic based plaster. (Class A)
10) Sto Mesh 6oz, Glass fiber coated fabric. Overlapped 6".
11) Stolit Finish or StoCast shape with StoCast adhesive.
12) #14 x 2"-14 Subframe Attachment Screw Note: refer to sheets 5 and 6 for fasteners into concrete, grout-filed CMU, or hollow-core CMU walls.
13) StoVentro™/ Sub-Construction Screw (not shown).
14) StoVentro™/ Render Facade JT4-STS-3-5.5x24 (#12x1") Screws, no greater than 6" o.c. (152mm), min 9 per 48" span (1220mm)
15) Outline of StoVentec®/ Carrier Board A+, Staggered as shown
16) (Not shown) StoVentro L-Profile. 6005A-T5 aluminum. 3m (9' 10-1/8") [long], 50mm (1-9/16") [wide] x 40mm (2") [wide].
17) Refer to notes sheets 13 and 14 for additional material specifications.



1 SH1 STOVENTEC RENDER INSTALLATION ELEVATION
NOT−TO−SCALE

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 25-0610.02
Expiration Date 12/30/2026
By
Miami-Dade Product Control

CHRISTOPHER W.C. BOWNESS ★ LICENSE No 64748 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER ★ FILE 5897
2025-08-19

TITLE	CLIENT	PROJECT
STOVENTEC RENDER RAINSCREEN SYSTEM INSTALLATION DETAILS	STO. CORPORATION	STOVENTEC MIAMI−DADE NOA

BOCA ENGINEERING
STRUCTURAL AND CIVIL ENGINEERS
#203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777
INFO@BOCAENGINEERING.COM
WWW.BOCAENGINEERING.COM

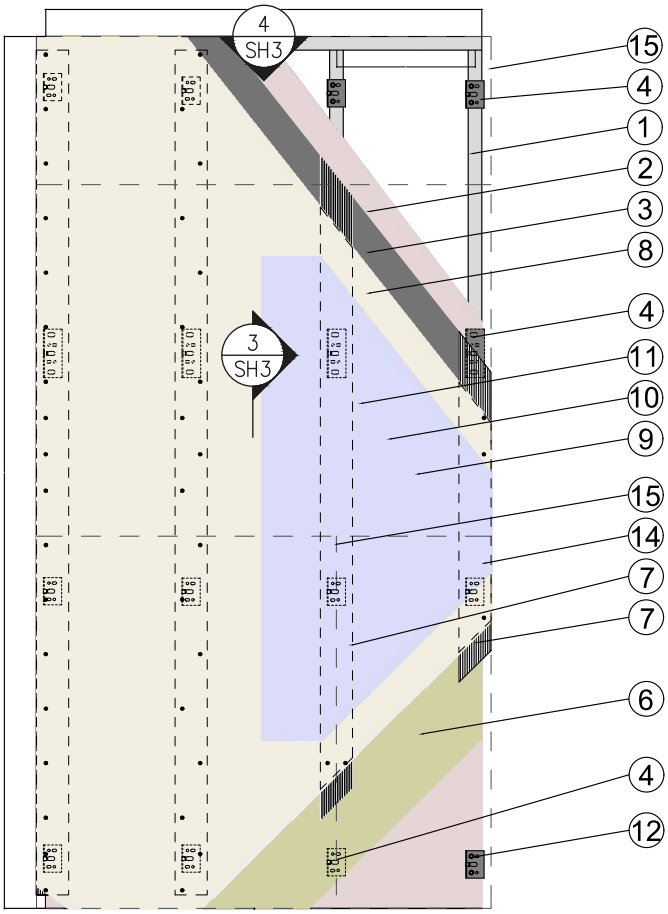
DATE	REV.		
AUGUST 20, 2025	1	FOR PUBLICATION	CB
		ISSUE	APP

DRAWING NO.	SHEET NO.	SCALE	DES.	DRN.	CHK.
5897−SK1	1 OF 14	NOT TO SCALE	CB	CG	CB

STOVENTEC RENDER INSTALLATION ELEVATION	
MAXIMUM DESIGN PRESSURE	IMPACT RATING
+/- 80.0 PSF (ASD)	LARGE MISSILE IMPACT

KEY

1) Structural wall assembly (min. 6" 18ga steel studs and track @ 16" O.C. (shown), concrete wall, grout-filled CMU, or hollow CMU). Note: attachment to concrete wall shown on sheets 5 and 6.
2) 5/8" 5-Ply, Plywood sheathing fastened with #10 x 1-7/16" Self-Drilling Flat Head Screws @ 6" o.c. along studs and perimeter (18ga steel wall only).
3) Sto AirSeal® Fluid-applied Air & Water-Resistive Barrier (18ga steel wall only).
4) StoVentro™/ Galvanized Steel Brackets (FP/GP).
   FP Brackets:130mm (5-1/8") [height], 2mm (1/16") [thickness], maximum 80mm (3-5/32") [depth]
   GP Brackets: 75mm (2-15/16") [height], 2.0mm (1/16") [thickness], maximum 80mm (3-5/32") [depth]
5) Wyrite Insulation Struts - 304 stainless steel wire - fastened to T-Profile with one 1/4" x 1" self-drilling hex head screw (not shown).
6) Mineral wool insulation complying with ASTM C612 and ASTM E136 with density range from 3.5 lb/ft^3/ to 4.5 lb/ft^3 / no thicker than 2 in.
7) StoVentro™/ T-Profile. 6005A-T6 aluminum. 3m (9' 10-1/8") [long], 90mm (3-9/16") wide, 50mm (2") deep.
8) 1/2" (12mm) StoVentec Carrier Board A+, made of recycled glass granulate. Field coat with Primer: Sto Prime.
9) Base Coat and Reinforcement: Sto Primer/Adhesive and Sto Mesh 6oz, glass fiber coated fabric. Overlapped 6".
10) Masonry Veneer Adhesive: StoColl
11) Masonry Veneer: Refer to Notes Page
12) #14 x 2"-14 Subframe Attachment Screw
    Note: refer to sheets 5 and 6 for fasteners into concrete, grout-filled CMU, or hollow-core CMU walls.
13) StoVentro™/ Sub-Construction Screw (not shown).
14) StoVentro™/ Render Facade JT4-STS-3-5.5x24 (#12x1") Screws, no greater than 6" o.c. (152mm), min 9 per 48" span (1220mm)
15) Outline of StoVentec®/ Carrier Board A+, Staggered as shown
16) (Not shown) StoVentro L-Profile. 6005A-T6 aluminum. 3m (9' 10-1/8") [long], 50mm (1-9/16") [wide] x 40mm (2") [wide].
17) Refer to material notes sheets 13 and 14 for additional materials specifications.

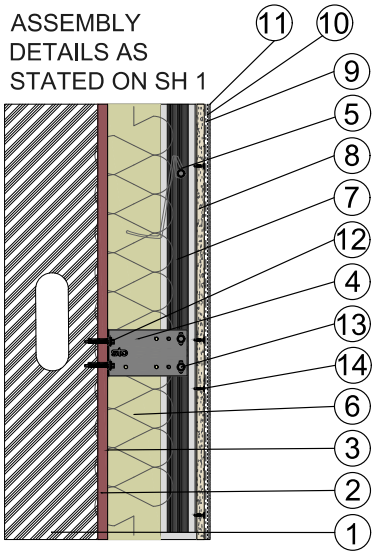


1 SH2 STOVENTEC FOR MASONRY VENEER INSTALLATION ELEVATION
NOT-TO-SCALE

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 25-0610.02
Expiration Date 12/30/2026
By
Miami-Dade Product Control

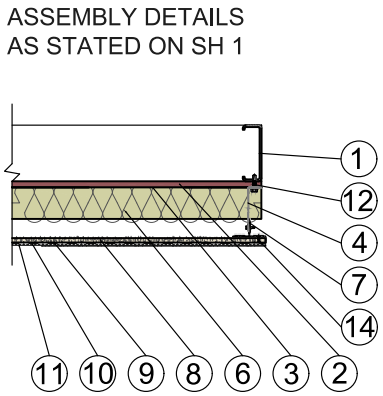
CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

TITLE: STOVENTEC FOR MASONRY VENEER FACADE RAINSCREEN SYSTEM INSTALLATION DETAILS	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION		CB	
			ISSUE		APP	
#203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DRAWING NO. 5897-SK1	SHEET NO. 2 OF 14	SCALE NOT TO SCALE	DES. CB	DRN. CG	CHK. CB



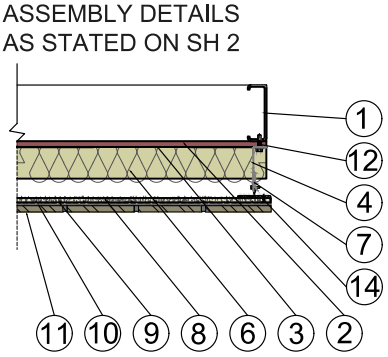
1 SH3 STOVENTEC RENDER INSTALLATION SECTION

NOT-TO-SCALE



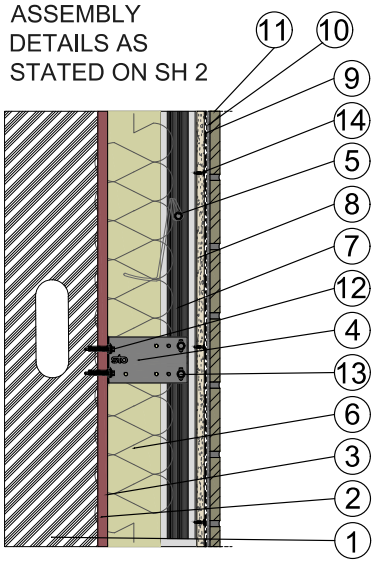
2 SH3 STOVENTEC RENDER INSTALLATION PLAN VIEW

NOT-TO-SCALE



4 SH3 MASONRY VENEER INSTALLATION PLAN VIEW

NOT-TO-SCALE



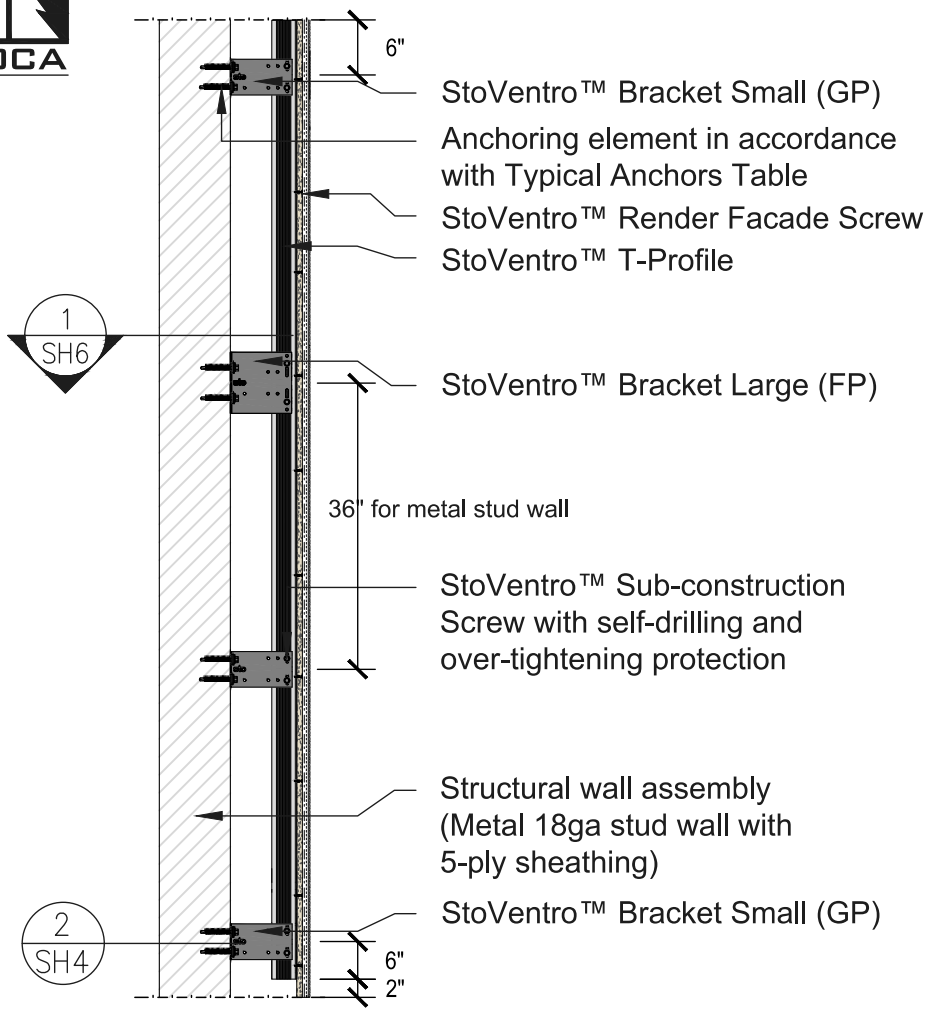
3 SH3 STOVENTEC RENDER FOR MASONRY VENEER INSTALLATION SECTION

NOT-TO-SCALE

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 25-0610.02
Expiration Date 12/30/2026
By
Miami-Dade Product Control

CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

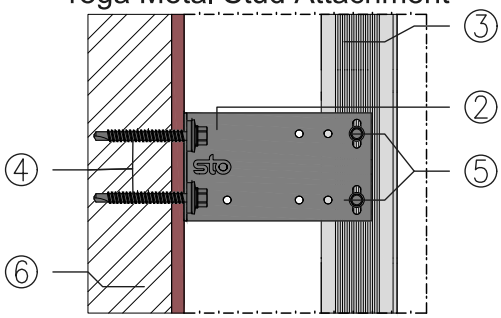
TITLE: STOVENTEC RENDER SECTIONS AND PLAN VIEWS	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION		CB	
			ISSUE		APP	
#203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DRAWING NO. 5897-SK1	SHEET NO. 3 OF 14	SCALE NOT TO SCALE	DES. CB	DRN. CG	CHK. CB



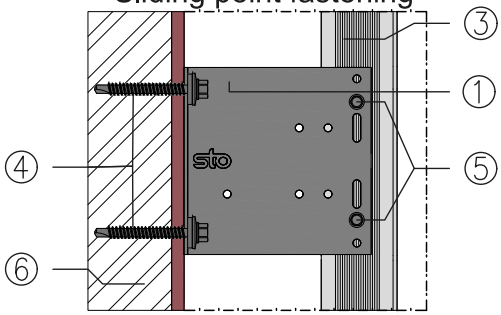
1 SH4 BRACKET SPACING & T-PROFILE ATTACHMENT

SECTION VIEW N.T.S.

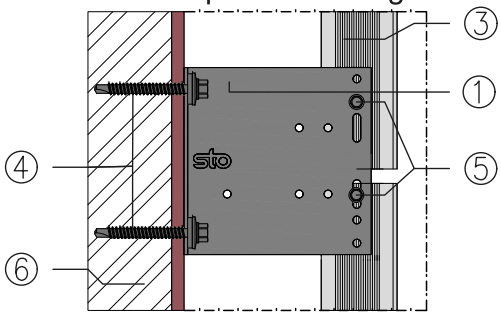
18ga Metal Stud Attachment



StoVentro™ Bracket - Small (GP)
Sliding point fastening



StoVentro™ Bracket - Large (FP)
Fixed point fastening



StoVentro™ Bracket - Large (FP)
Fixed & Sliding point fastening

2 SH4 STOVENTEC BRACKET ATTACHMENT

SECTION VIEW N.T.S.

KEY			
①	StoVentro™ Bracket Large (FP)	④	#14 x 2"-14 Sub-frame attachment fastener w/ washer
②	StoVentro™ Bracket Small (GP)	⑤	StoVentro™ Sub-construction Screw SS with self-drilling and over-tightening protection (5.5 x 19mm or 22mm)
③	StoVentro™ T-Profile	⑥	Structural wall assembly (18ga stud wall with plywood sheathing)

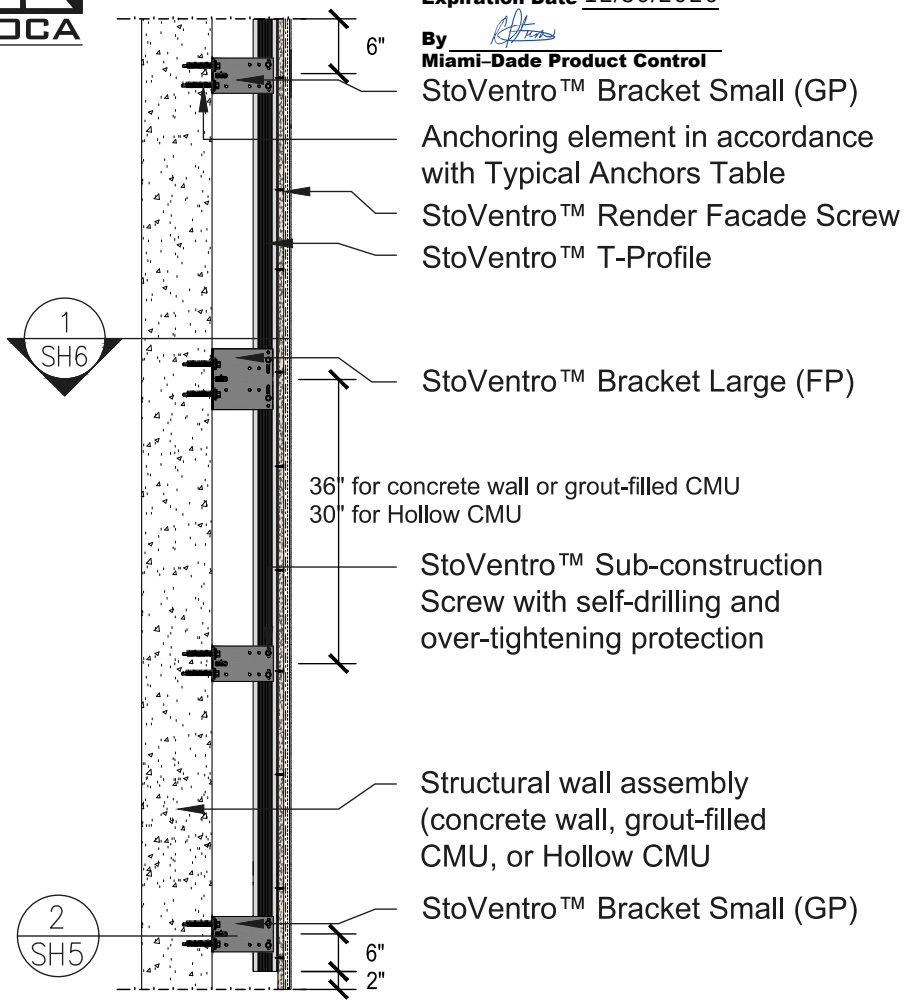
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 25-0610.02
Expiration Date 12/30/2026
By **Miami-Dade Product Control**

CHRISTOPHER W.C. BOWNESS ★ LICENSE No 64748 ★ FILE 5897 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER
2025-08-19

TITLE: STOVENTRO BRACKET ATTACHMENT TO STEEL	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION		CB	
			ISSUE		APP	
	DRAWING NO. 5897-SK1	SHEET NO. 4 OF 14	SCALE: NOT TO SCALE	DES. CB	DRN. CG	CHK. CB

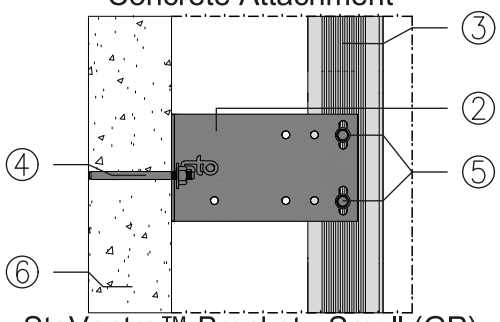
BOCA ENGINEERING
STRUCTURAL AND CIVIL ENGINEERS
#203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777
INFO@BOCAENGINEERING.COM
WWW.BOCAENGINEERING.COM

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 25-0610.02
Expiration Date 12/30/2026
By
Miami-Dade Product Control

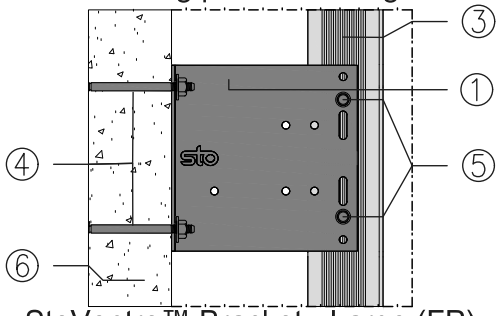


1 SH5 BRACKET SPACING & T-PROFILE ATTACHMENT
SECTION VIEW N.T.S.

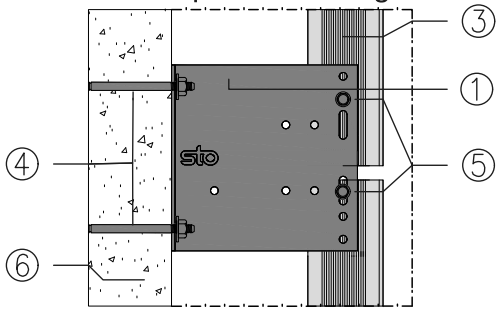
Concrete Attachment



StoVentro™ Bracket - Small (GP)
Sliding point fastening



StoVentro™ Bracket - Large (FP)
Fixed point fastening



StoVentro™ Bracket - Large (FP)
Fixed & Sliding point fastening

2 SH5 STOVENTEC BRACKET ATTACHMENT
SECTION VIEW N.T.S.

KEY			
①	StoVentro™ Bracket Large (FP)	④	3/8 " Simpson Strong Tie Titen HD® Concrete Anchor
②	StoVentro™ Bracket Small (GP)	⑤	StoVentro™ Sub-construction Screw SS with self-drilling and over-tightening protection (5.5 x 19mm or 22mm)
③	StoVentro™ T-Profile	⑥	Structural wall assembly, Concrete/Grout-filled CMU, Hollow CMU (see notes for specifications)

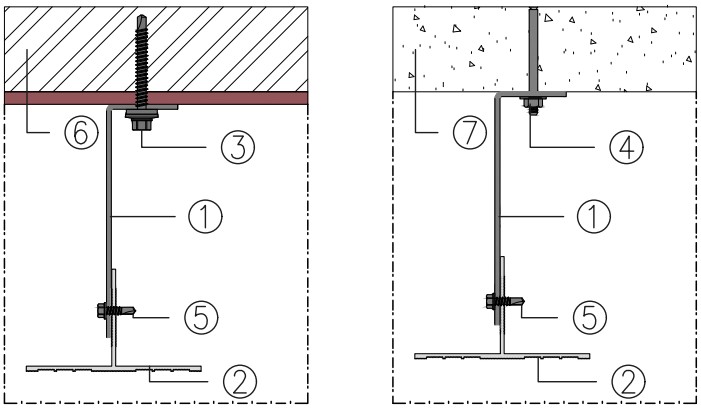
CHRISTOPHER W.C. BOWNESS ★ LICENSE No 64748 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER
FILE 5897
2025-08-19

TITLE: STOVENTRO BRACKET ATTACHMENT TO CONCRETE	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION / ISSUE			CB / APP
	DRAWING NO. 5897-SK1	SHEET NO. 5 OF 14	SCALE: NOT TO SCALE	DES. CB	DRN. CG	CHK. CB

Typical Anchors

Metal 18ga Studs	Concrete/Grout-Filled CMU	Hollow CMU
Fastener: #14 x 2"-14 Sub-frame attachment fastener w/ washer	Fastener: 3/8" Simpson Strong Tie Titen HD® Concrete Anchor, or similar of equal or greater capacity.	Fastener: 3/8" Simpson Strong Tie Titen HD® Concrete Anchor, or similar of equal or greater capacity.
Embed Length: 3 Threads, 1" Min.	Embed Length: 2-3/4"	Embed Length: 1-1/4"
Bracket spacing: 36"	Bracket spacing: 36"	Bracket spacing: 30"
	Min. Fastener edge distance: 4"; FP bracket fastener spacing: 4"	

⇨ Recommended fastening direction for connection of the StoVentro™ Wall Brackets to the StoVentro™ T-profile and alignment of the wall brackets



1 / SH6 STOVENTRO BRACKET ATTACHMENTS

PLAN VIEW N.T.S.

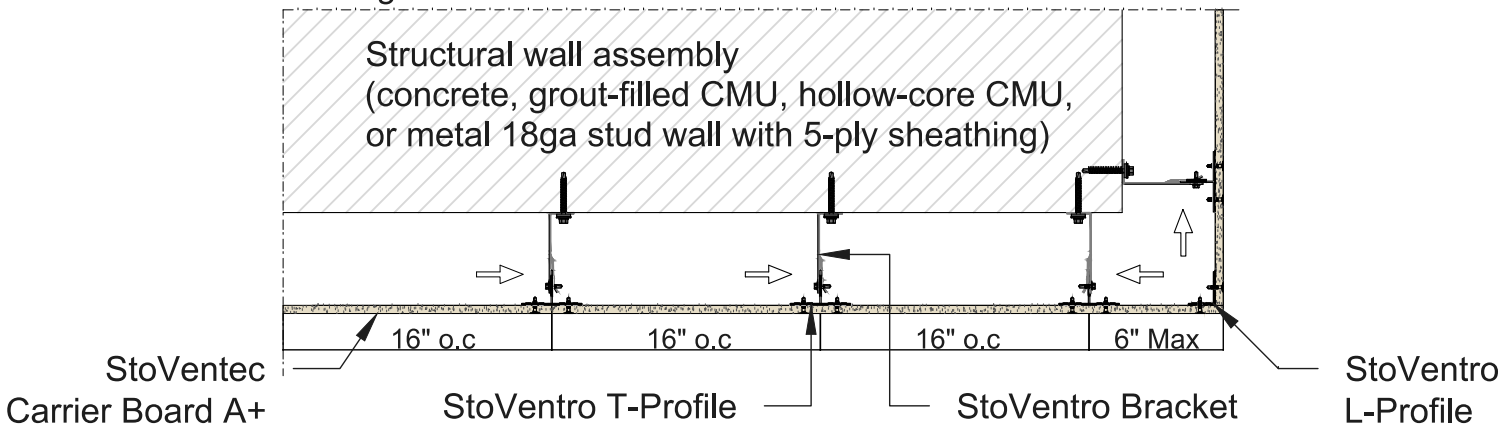
KEY	
①	StoVentro™ Bracket
②	StoVentro™ T-Profile
③	#14 x 2"-14 Sub-frame attachment fastener w/ washer
④	3/8" Simpson Strong Tie Titen HD® Concrete Anchor, or similar approved by Sto
⑤	StoVentro™ Sub-construction Screw with self-drilling and over-tightening protection (5.5 x 19mm or 22mm)
⑥	Structural wall assembly (18ga stud wall with plywood sheathing)
⑦	Structural wall assembly (Concrete, grout-filled or hollow-core CMU)

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 25-0610.02
Expiration Date 12/30/2026
By
Miami-Dade Product Control

CHRISTOPHER W.C. BOWNESS ★ LICENSE No 64748 ★ FILE 5897 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER ★
2025-08-19

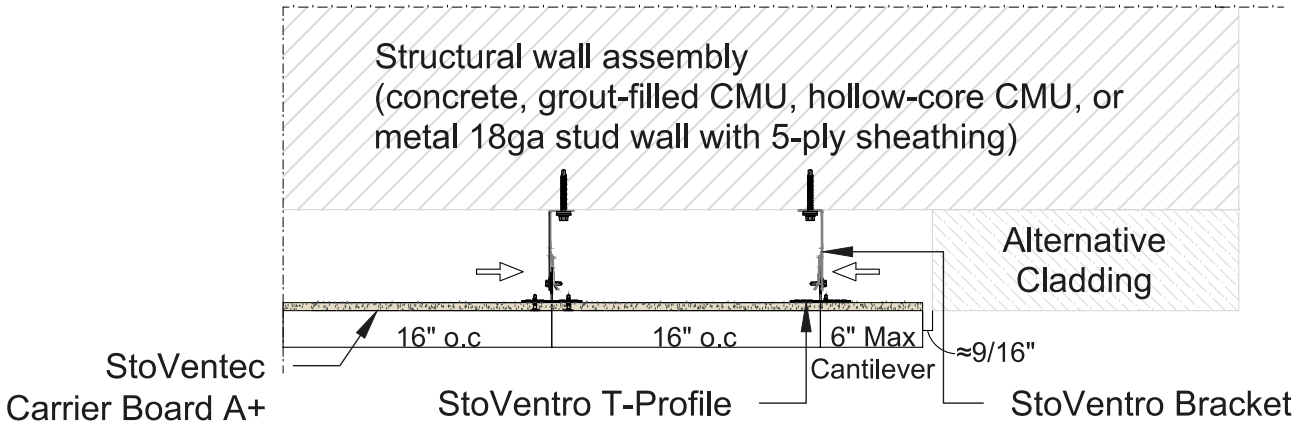
TITLE: STOVENTRO BRACKET ATTACHMENTS TO WALL	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION		CB	
			ISSUE		APP	
	DRAWING NO. 5897-SK1	SHEET NO. 6 OF 14	SCALE: NOT TO SCALE	DES. CB	DRN. CG	CHK. CB

⇨ Recommended fastening direction for connection of the StoVentro™ Wall Brackets to the StoVentro™ T-profile and alignment of the wall brackets



1 / SH7 OUTSIDE CORNERS, JAMBS, AND RETURNING TRANSITIONS.

PLAN VIEW N.T.S.



2 / SH7 RETURNING TRANSITIONS, TRANSITIONS TO ALTERNATIVE CLADDING

PLAN VIEW N.T.S.

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NOA-No. 25-0610.02
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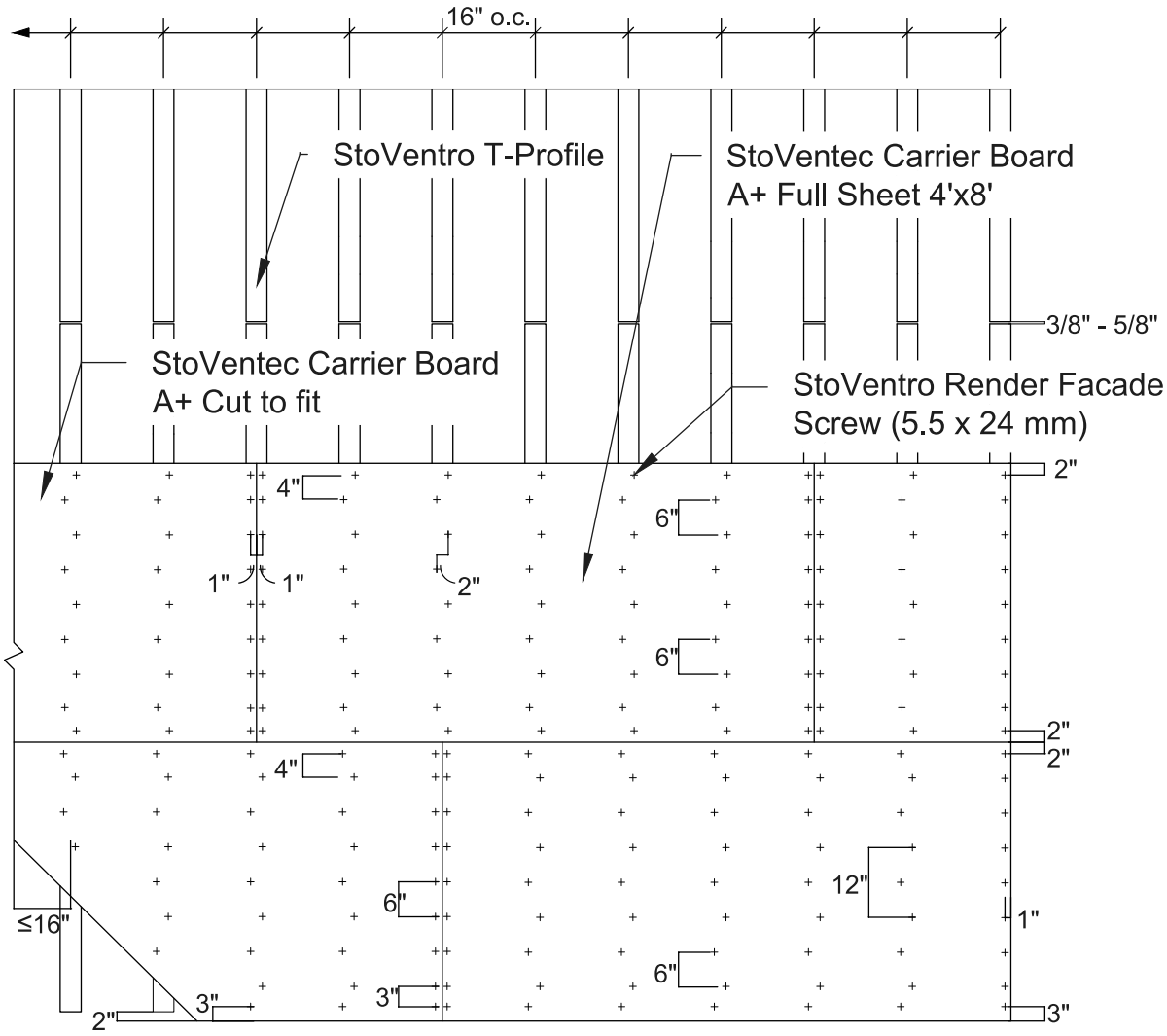
By
Miami-Dade Product Control

CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

TITLE: WALL BRACKETS, T-PORFILE, AND L-PROFILE ALIGNMENTS AND ATTACHMENT REQUIREMENTS	CLIENT: STO. CORPORATION		PROJECT: STOVENTEC MIAMI-DADE NOA			
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE: AUGUST 20, 2025		REV. 1	FOR PUBLICATION		CB
				ISSUE		APP
	DRAWING NO. 5897-SK1	SHEET NO. 7 OF 14	SCALE NOT TO SCALE	DES. CB	DRN. CG	CHK. CB



1 / SH8 STOVENTEC CARRIER BOARD A+ ATTACHMENT

ELVEATION VIEW N.T.S.

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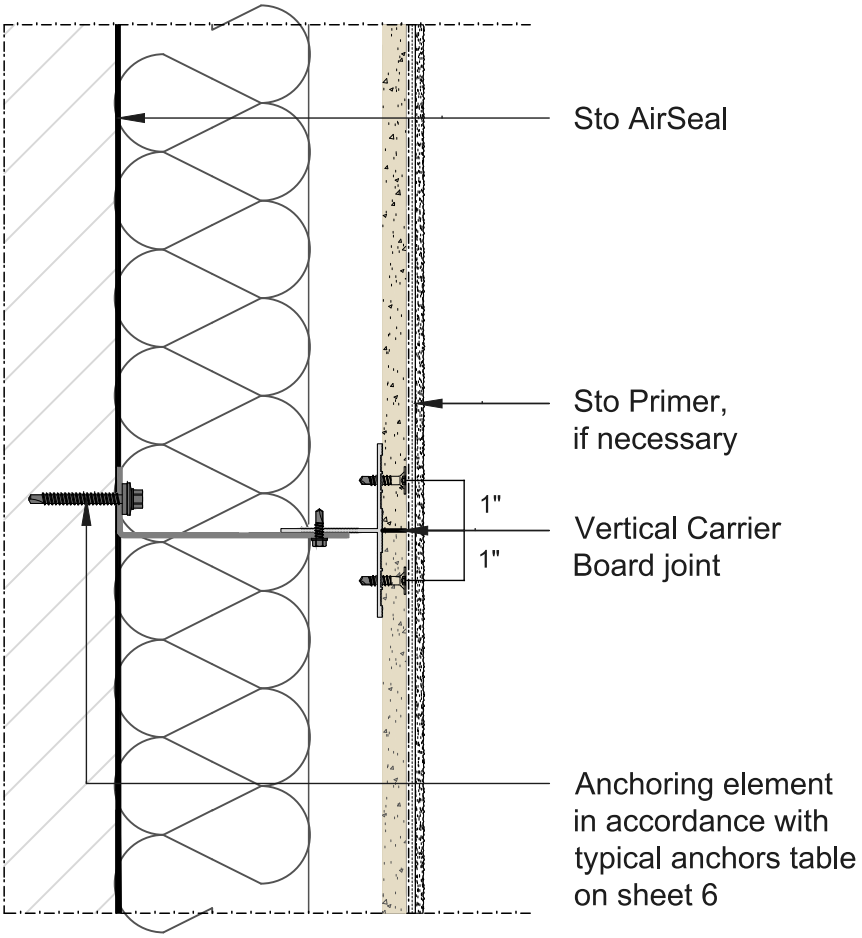
Miami-Dade Product Control

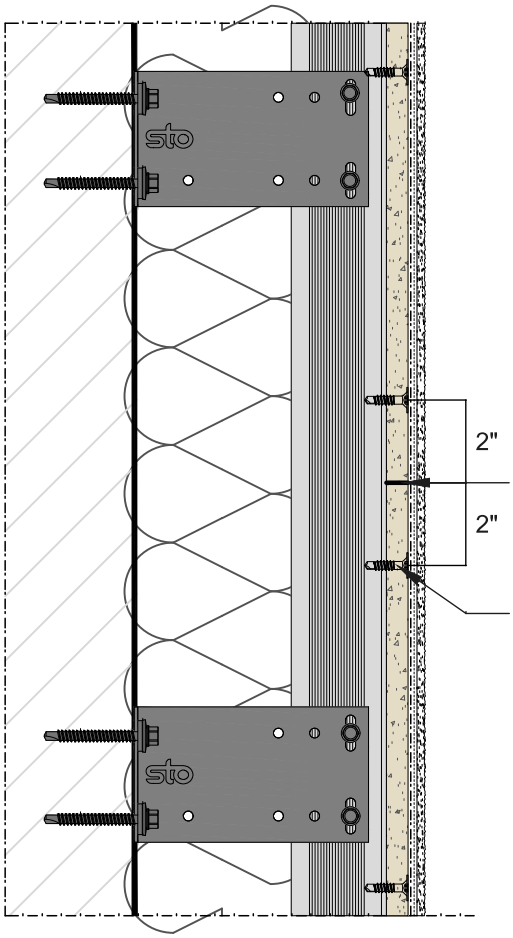
CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

TITLE: STOVENTEC CARRIER BOARD A+ ATTACHMENT	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION / ISSUE	CB / APP		
	DRAWING NO. 5897-SK1	SHEET NO. 8 OF 14	SCALE: NOT TO SCALE	DES. CB	DRN. CG	CHK. CB



2 SH9 STOVENTEC VERTICAL CARRIER BOARD A+ JOINT

PLAN SECTION VIEW N.T.S.



1 SH9 STOVENTEC HORIZONTAL CARRIER BOARD A+ JOINT

SECTION VIEW N.T.S.

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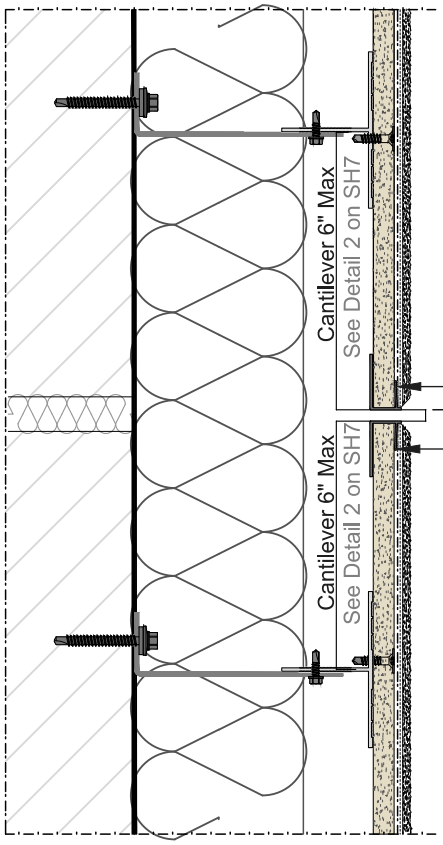
By
Miami-Dade Product Control

CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

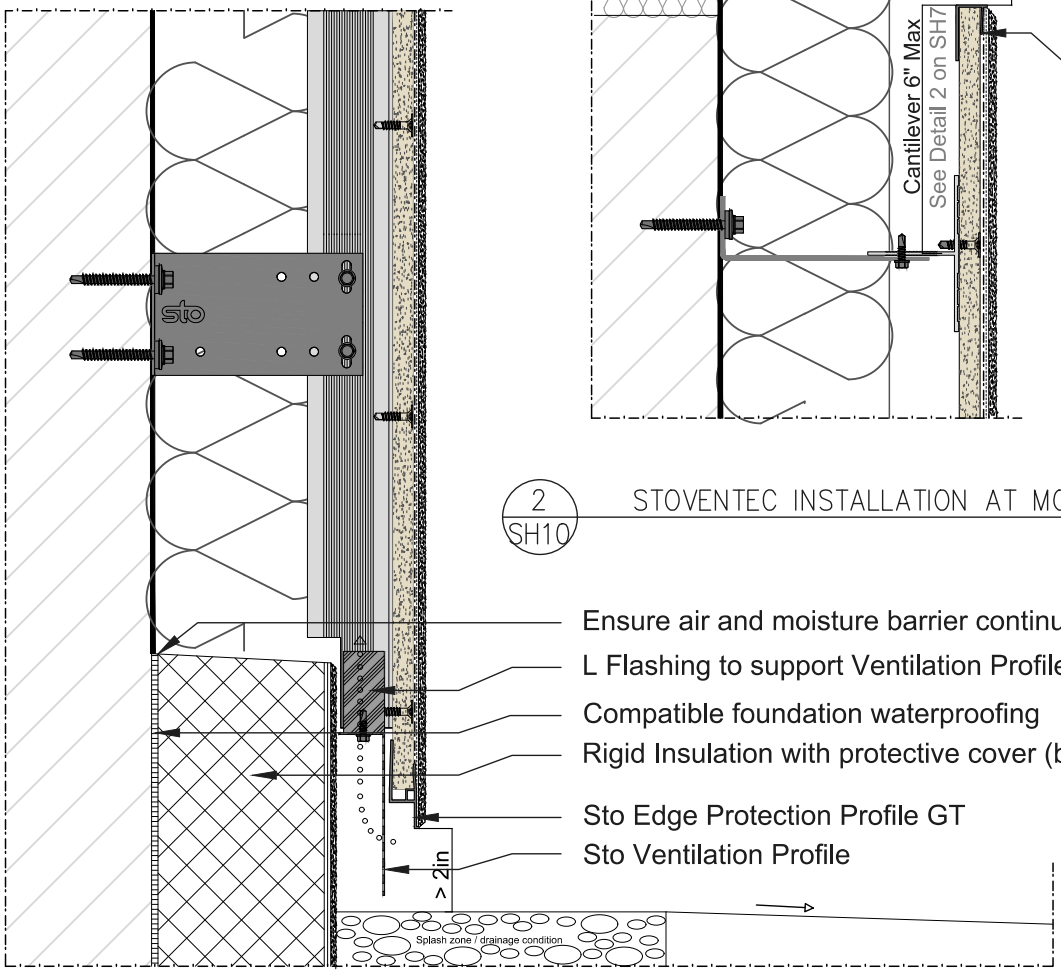
TITLE: STOVENTEC CARRIER BOARD A+ HORIZONTAL AND VERTICAL JOINT	CLIENT: STO. CORPORATION		PROJECT: STOVENTEC MIAMI-DADE NOA			
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS	DATE: AUGUST 20, 2025		REV. 1	FOR PUBLICATION / ISSUE		CB / APP
#203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DRAWING NO. 5897-SK1	SHEET NO. 9 OF 14	SCALE NOT TO SCALE	DES. CB	DRN. CG	CHK. CB

Note: Maximum span without joints: 25m (~82 feet), length to height ratio not in excess of 2:1.



2 SH10 STOVENTEC INSTALLATION AT MOVEMENT JOINT

PLAN VIEW N.T.S.



1 SH10 STOVENTEC INSTALLATION AT GRADE SECTION VIEW

SECTION VIEW N.T.S.

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Expiration Date 12/30/2026
By
Miami-Dade Product Control

CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

TITLE: STOVENTEC INSTALLATION AT GRADE AND MOVEMENT JOINT	CLIENT: STO. CORPORATION		PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE: AUGUST 20, 2025		REV. 1	FOR PUBLICATION / ISSUE			CB / APP
	DRAWING NO. 5897-SK1	SHEET NO. 10 OF 14	SCALE: NOT TO SCALE	DES. CB	DRN. CG	CHK. CB	

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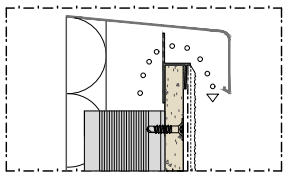
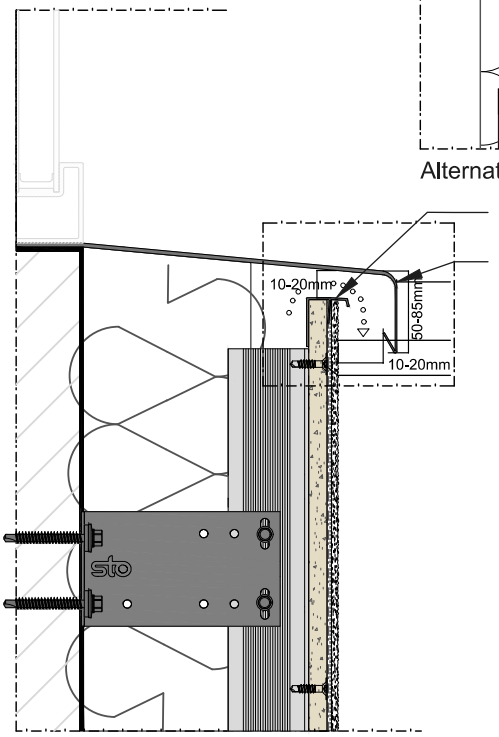
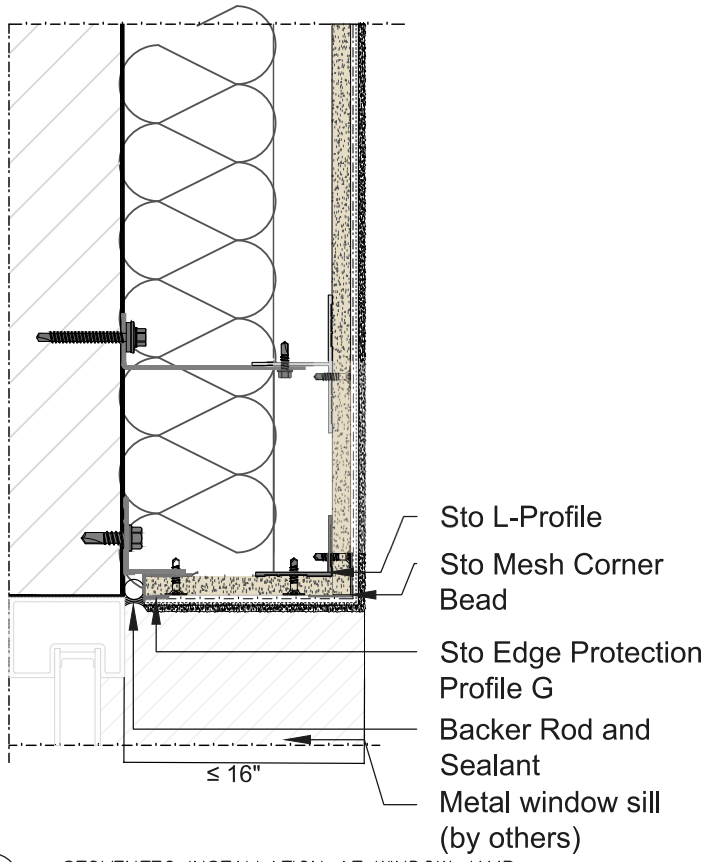


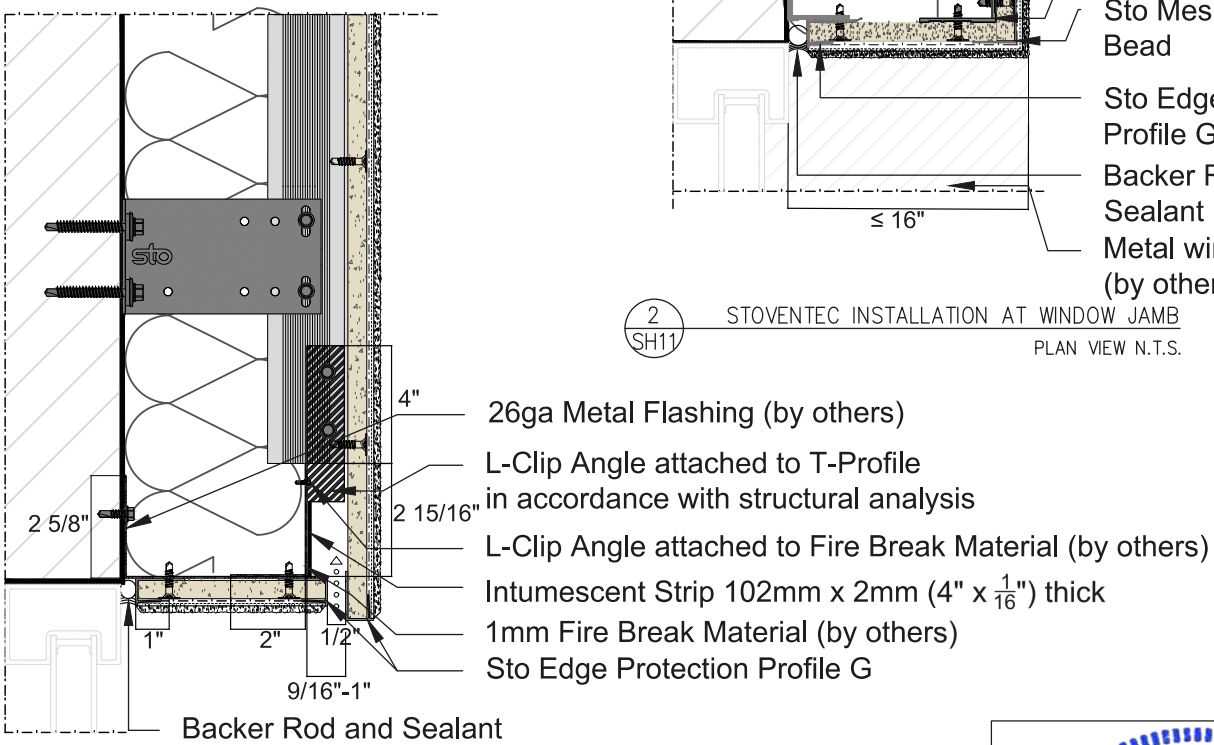
Alternative: Ventilation with Sto Roof Vent Profile



1 SH11 STOVENTEC INSTALLATION AT WINDOW SILL
SECTION VIEW N.T.S.



2 SH11 STOVENTEC INSTALLATION AT WINDOW JAMB
PLAN VIEW N.T.S.



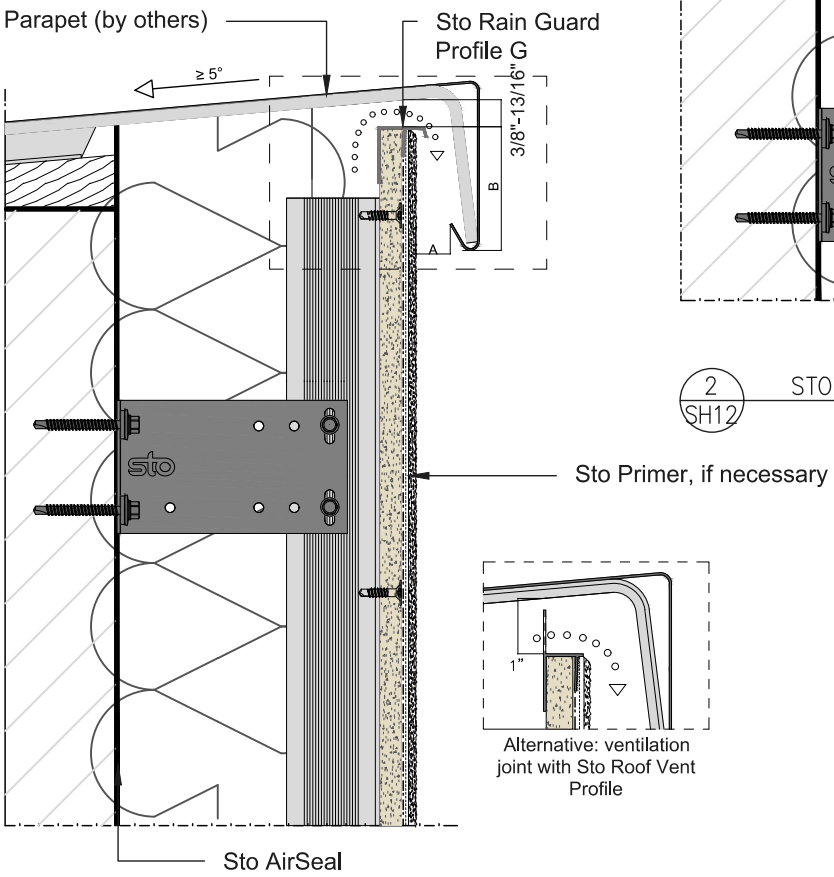
3 SH11 STOVENTEC INSTALLATION AT WINDOW HEAD
SECTION VIEW N.T.S.

CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

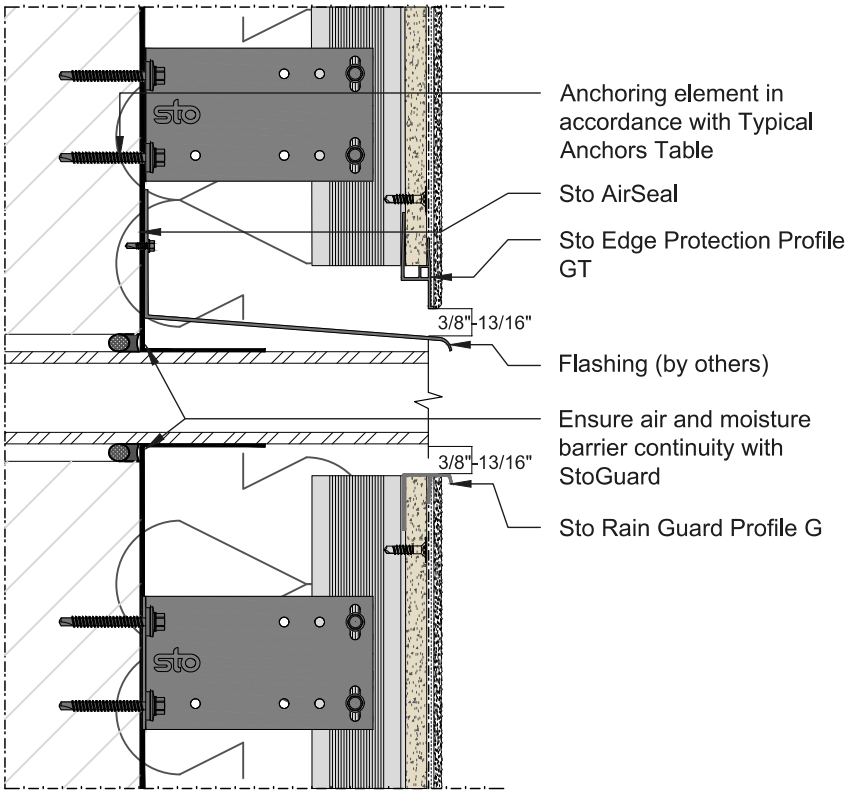
TITLE: STOVENTEC INSTALLATION AT WINDOW SECTIONS	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION / ISSUE	CB / APP		
	DRAWING NO. 5897-SK1	SHEET NO. 11 OF 14	SCALE: NOT TO SCALE	DES. CB	DRN. CG	CHK. CB

Building height	A	B
≤ 26ft	≥ 3/4in	≥ 2in
26-65.5ft	≥ 1-1/4in	≥ 3in
≥ 65.5ft	≥ 1-1/2in	≥ 4in

in accordance with regulations for metalwork in the roofing trade



1 SH12 STOVENTEC INSTALLATION AT PARAPET
SECTION VIEW N.T.S.



2 SH12 STOVENTEC INSTALLATION AT PENETRATION
SECTION VIEW N.T.S.

PRODUCT REVISED
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Expiration Date 12/30/2026
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CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

TITLE: STOVENTEC INSTALLATION PENETRATION & PARAPET	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION / ISSUE			CB / APP
	DRAWING NO. 5897-SK1	SHEET NO. 12 OF 14	SCALE: NOT TO SCALE	DES. CB	DRN. CG	CHK. CB

DESIGN LOADS	
LIVE	SEE EVALUATION REPORT
SNOW	
WIND	
TEMPERATURE	

LEGEND AND SYMBOLS

A/1 — DETAIL NUMBER / SHEET DRAWN

A/1 — SECTION NUMBER / SHEET DRAWN

TESTING AND CODE COMPLIANCE

1. THE SIDING PRODUCT ASSEMBLY SHOWN IS DESIGNED TO COMPLY WITH THE 8TH EDITION (2023) FLORIDA BUILDING CODE (FBC) HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING TEST STANDARDS: TAS 202–94 AND TAS 203–94.
2. THE STRUCTURAL FRAMING AND SHEATHING SHALL BE DESIGNED AND ANCHORED TO PROVIDE LATERAL BRACING AND PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. FRAMING DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. THESE DRAWINGS APPLY TO THE TESTING ASSEMBLY ONLY AND DO NOT IMPLY THAT THE SIGNATORY ENGINEER IS THE DESIGNER OF RECORD FOR ANY FUTURE CONSTRUCTION ON WHICH THEY ARE USED.
4. SOME NON–STRUCTURAL COMPONENTS NOT SHOWN AND DO NOT IMPACT STRENGTH FOR ATTACHMENT. TO BE INSTALLED PER CODE AND MAY INCLUDE: FLASHING, INTERIOR INSULATION, INTERIOR FINISH.

INSTALLATION

1. THE INSTALLATION DETAILS DESCRIBED ARE OF THE LABORATORY TESTED ASSEMBLY AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THE LICENSED ENGINEER OR ARCHITECT PREPARED SITE–SPECIFIC DOCUMENTS SHALL BE USED.
2. STOVENTEC RAINSCREEN SYSTEMS MUST BE INSTALLED PER THE INSTALLATION GUIDE SYSTEM TOOLKIT
3. STO AIRSEAL – A FLUID–APPLIED VAPOR PERMEABLE AIR AND WATER–RESISTIVE BARRIER FOR USE BEHIND STOVENTEC RAINSCREEN.
4. INSULATION STRUTS ARE THREADED THROUGH THE CENTER FLANGE OF THE T–PROFILE (AFTER PILOT HOLE IS DRILLED) AND FASTENED WITH ONE $\frac{1}{4}$" HEX HEAD SELF–DRILLING SCREW EACH. FOUR POINTS OF CONTACT/SUPPORT FOR EACH 16" X 48" INSULATION PANEL ARE REQUIRED.
5. MINERAL WOOL INSULATION INSTALLED VERTICALLY BETWEEN T–PROFILES AND BRACKETS OR HORIZONTALLY IN A RUNNING BOND PATTERN
6. STO ARMAT CLASSIC PLUS BASE COAT IS APPLIED TO THE STOVENTEC CARRIER BOARD A+.

ABBREVIATIONS

CONT	CONTINUOUS	O.C.	ON CENTER
EA	EACH	P.T.	PRESSURE TREATED
E/W	EACH WAY	S.G.	SPECIFIC GRAVITY
EXT.	EXTERIOR	SPEC.	SPECIFICATION
INT.	INTERIOR	NO.	TYPICAL
MAX	MAXIMUM	U.N.O.	UNLESS NOTED OTHERWISE
MIN	MINIMUM	W/	WITH
NO.	NUMBER		

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CHRISTOPHER W.C. BOWNESS LICENSE No 64748 FILE 5897 STATE OF FLORIDA PROFESSIONAL ENGINEER
2025-08-19

TITLE	CLIENT	PROJECT
STOVENTEC RENDER NOTES	STO. CORPORATION	STOVENTEC MIAMI–DADE NOA

BOCA ENGINEERING
STRUCTURAL AND CIVIL ENGINEERS
#203–1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250–477–7777
INFO@BOCAENGINEERING.COM
WWW.BOCAENGINEERING.COM

DATE	REV.		
AUGUST 20, 2025	1	FOR PUBLICATION	CB
		ISSUE	APP

DRAWING NO.	SHEET NO.	SCALE	DES.	DRN.	CHK.
5897–SK1	13 OF 14	NOT TO SCALE	CB	CG	CB

SHEATHING

1. 5/8" 5-PLY PLYWOOD OVER STEEL STUDS FASTENED WITH #10 X 1-7/16" WAFER HEAD, DRILL POINT, CORROSION RESISTANT FASTENER @ 6" O.C. IN FIELD AND PERIMETER, INSET 3/8" FROM PANEL EDGE OR FASTENING PER ENGINEER AND/OR ARCHITECT OR RECORD.

FASTENERS

1. METAL SCREWS TO CONFORM TO ASTM C1513

FRAMING

1. METAL FRAMING MEMBERS MINIMUM 18 GAUGE U.NO., 33KSI, MIN 1-5/8" FLANGE WIDTH, AND COMPLIANCE WITH AISI S100-16
2. ALL STUDS TO BE SHEATHED COMPLETELY AT THE INTERIOR FLANGE OR BRIDGED AT MAXIMUM EVERY 5 FT. OF STUDS LENGTH OR AS SPECIFIED BY STUD MANUFACTURER.

CONCRETE MASONRY UNIT (CMU) WALLS

1. MASONRY WALL CONSTRUCTION SHALL CONFORM TO THE 2023 FLORIDA BUILDING CODE AND TMS 402/602-22.
2. HOLLOW-CORE CMU WALLS SHALL BE LIGHTWEIGHT UNITS WITH MINIMUM COMPRESSIVE STRENGTH OF 1,500 PSI.
3. GROUT TO CONFORM TO ASTM C476 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.

ADHERED MASONRY/MANUFACTURED STONE VENEER

1. ADHERED MASONRY AND MANUFACTURED STONE VENEER FINISHES TO CONFORM TO TMS 402
2. ADHERED VENEER UNITS SHALL NOT EXCEED 2 5/8 IN. IN SPECIFIED THICKNESS, 36 IN IN ANY FACE DIMENSION, NOR MORE THAN 5 FT^2 IN TOTAL FACE AREA
3. ADHERED VENEER UNITS SHALL NOT WEIGHT MORE THAN 15 PSF.
4. ADHESION BETWEEN ADHERED VENEER UNITS AND BACKING SHALL HAVE A SHEAR STRENGTH OF AT LEAST 50 PSI WHEN TESTED IN ACCORDANCE WITH ASTM C482.
5. THE INSTALLATION OF ADHERED MASONRY FINISHES TO BE DONE IN ACCORDANCE OF THE SUPPLIERS INSTALLATION GUIDE AND ONLY IF THE INSTALLATION GUIDE IS COMPATIBLE WITH STOVENTEC MASONRY VENEER EXTERIOR RAINSCREEN CLADDING SYSTEM.
6. STOCOLL MASONRY VENEER ADHESIVE IS USED TO APPLY MASONRY VENEER (BY OTHERS) COMPLIANT WITH ASTM C1088.
7. MASONRY VENEER GROUT (BY OTHERS), PORTLAND CEMENT-BASED GROUT COMPLIANT WITH ANSI 118.7, IS APPLIED TO COMPLETE THE CLADDING INSTALLATION.

CONCRETE WALLS

1. ALL CONCRETE SHALL BE NORMAL WEIGHT CONTROLLED CONCRETE AND COMPLY WITH ACI 318 AND THE 2023 FLORIDA BUILDING CODE.
2. CONCRETE WALLS TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.

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2025-08-19

TITLE: STOVENTEC RENDER NOTES	CLIENT: STO. CORPORATION	PROJECT: STOVENTEC MIAMI-DADE NOA				
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE: AUGUST 20, 2025	REV. 1	FOR PUBLICATION		CB	
			ISSUE		APP	
	DRAWING NO. 5897-SK1	SHEET NO. 14 OF 14	SCALE: NOT TO SCALE	DES. CB	DRN. CG	CHK. CB