



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

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](http://www.miamidade.gov/economy)

**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 for Masonry Veneer Façades Composite Rainscreen Wall Systems**

**APPROVAL DOCUMENT:** 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., 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, city, state, 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 # 21-0816.07** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



**NOA No. 22-1103.02**  
**Expiration Date: December 30, 2026**  
**Approval Date: November 23, 2022**  
**Page 1**

**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 203-94along 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 7<sup>th</sup> 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 dated 10/05/2021.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 22-1103.02**  
**Expiration Date: December 30, 2026**  
**Approval Date: November 23, 2022**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. New evidence submitted**

**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. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. None.



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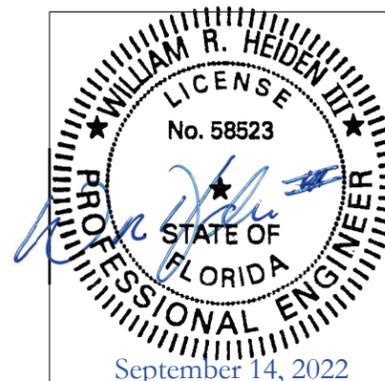
**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 22-1103.02**  
**Expiration Date: December 30, 2026**  
**Approval Date: November 23, 2022**

## Description

- 1.1 Substrates and Sto products approved with the system.
  - 1.1.1. 5/8" 5-Ply plywood sheathing over steel 6" 18ga studs @ 16" O.C. w/ 6" 18ga steel track. 5/8" 5-Ply plywood sheathing fastened to the steel studs with #10 x 1-7/16" Wafer Head, Drill Point, Phillips, 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.
  - 1.1.2. All substrates approved under this Notice of Acceptance shall be designed by a Florida Professional Engineer or Registered Architect according to the current Florida Building Code and supplements. Provisions for diaphragm action are necessary for gypsum wall substrate and the deflection shall be limited to L/360 on all cases.
- 1.2 Components of the System/Application - **StoVentec Render**.
  - 1.2.1. Sto AirSeal<sup>®</sup> - A fluid-applied vapor permeable air and moisture barrier for use behind StoVentec RainScreen. Material applied to plywood sheathing by roller in 2 coats or by spray in 1 or 2 coats to achieve minimum 30 DFT and a void and pinhole free surface.
  - 1.2.2. StoVentro SS Brackets (GP) and (FP) are installed with (2) SFS 1/4-14 Bi-Met 300 w/washer Subframe Attachment Hex Head Self Drilling Screws, or similar of equal or greater capacity, per bracket into 18ga metal studs. One (1) Simpson Strong Tie Titan HD Concrete Screws 3/8" x 3" per bracket into concrete/cmu, or similar of equal or greater capacity.
  - 1.2.3. Nail Plates or stick pins are glued to plywood sheathing with PL-Premium 8x to hold the mineral wool in position.
  - 1.2.4. Owen's Corning 2" minimum Thermafiber Rainbarrier 45 Mineral Wool Insulation installed horizontal in a running bond pattern or vertically between T-Profiles in a running bond pattern, by pressing into nail plates or stick pins.
  - 1.2.5. StoVentro T-Profile<sup>™</sup> are installed into brackets, and secured with two (2) StoVentro Sub-construction screws 5.5mm x 19mm or 5.5mm x 22mm, per bracket.
  - 1.2.6. StoVentec Carrier Board A+ are installed onto T-Profiles and fastened with Sto Render Facade Screw 5.5mm x 24mm. Carrier board vertical joints are centered over T-Profiles.
  - 1.2.7. StoArmat Classic plus is applied to the StoVentec Carrier Board A+.
  - 1.2.8. Sto Mesh 6oz/yd<sup>2</sup> is embedded in the wet StoArmat Classic plus by troweling from the center of the mesh to the edges of the mesh to provide a total minimum 1/8" thickness of the reinforced base coat with no mesh color visible. Mesh seams are overlapped 6 inches. This process is repeated until the entire exposed area of the Carrier Board is covered with base coat and mesh which is then allowed to dry for a minimum of 12 hours.
  - 1.2.9. Sto Finish - A ready mixed, acrylic based, textured wall coating. Sto finish is mixed with a high speed electric mixer and applied by trowel to a nominal thickness of 1/16" once the base coat is dry. Apply in a continuous application working from the wet toward the unfinished area.
  - 1.2.10. StoCast Finishes (Alternative to Sto Finish) - flexible, lightweight, prefabricated resin cast shapes. StoCast adhesive is applied to StoArmat Classic plus, then the StoCast shapes are installed over adhesive with a rubber roller to squeeze out the adhesive. Remaining adhesive is removed and finished with a top coat to the StoCast surface.

## General Notes

- 1) This system has been designed in accordance with the current Florida Building Code and the latest supplement(s) for use in High Velocity Hurricane Zones (HVHZ).
- 2) This system has been tested in accordance with the Florida Building Code Test Protocols TAS-202 and TAS-203 Air, Water, Structural, and Cyclic Testing. The structural wall assembly shall meet the Florida Building Code for Large Missile Impact.
- 3) This system shall be installed by a qualified contractor following the recommendations of Sto Corp, this notice of acceptance and the applicable sections of the Florida Building Code.
- 4) The engineer and/or architect of record for each project using this system shall size all stud framing to ensure conformance with stud deflection and stress limitations as required by governing codes and this document.
- 5) All studs used with this system shall be completely sheathed at the interior flange or bridged at maximum every 5 ft. of stud length or as specified by stud manufacturer.
- 6) All steel studs shall be structural with min 1-5/8" min. flange width and have minimum yield strength of 50,000 PSI.
- 7) Details on sheet No. 3, 5, 6, 7, 8 and 9 are typical and show intent to prevent water infiltration into and behind the system. Alternate detailing and specific conditions not covered by the typical details are the responsibility of the licensed design professional in consultation with Sto Corp.
- 8) For **StoVentec for Masonry Veneer Facades**, refer to sheets 2 and 4.



<b>Sto Corp.</b> 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta, GA 30349	
<b>StoVentec Render Rainscreen System</b> Installation Details	
Drawing No: 2019-6412 (B)	Revision: 2.0
Date: 8/15/2022	Scale: Not to Scale
Sheet: 1 of 9	Drawn By: R.T.

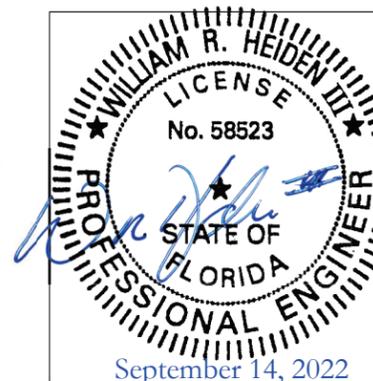
<b>PRODUCT REVISED</b> as complying with the Florida Building Code NOA-No. <u>22-1103.02</u> Expiration Date <u>12/30/2026</u> By  <b>Miami-Dade Product Control</b>
--

## Description

- 1.1 Substrates and Sto products approved with the system.
  - 1.1.1. 5/8" 5-Ply plywood sheathing over steel 6" 18ga studs @ 16" O.C. w/ 6" 18ga steel track. 5/8" 5-Ply plywood sheathing fastened to the steel studs with #10 x 1-7/16" Wafer Head, Drill Point, Phillips, 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.
  - 1.1.2. All substrates approved under this Notice of Acceptance shall be designed by a Florida Professional Engineer or Registered Architect according to the current Florida Building Code and supplements. Provisions for diaphragm action are necessary for gypsum wall substrate and the deflection shall be limited to L/360 on all cases.
- 1.2 Components of the System/Application - **StoVentec for Masonry Veneer Facades**.
  - 1.2.1. Sto AirSeal<sup>®</sup> - A fluid-applied vapor permeable air and moisture barrier for use behind StoVentec RainScreen. Material applied to plywood sheathing by roller in 2 coats or by spray in 1 or 2 coats to achieve minimum 30 DFT and a void and pinhole free surface.
  - 1.2.2. StoVentro SS Brackets (GP) and (FP) are installed with (2) SFS 1/4-14 Bi-Met 300 w/washer Subframe Attachment Hex Head Self Drilling Screws, or similar of equal or greater capacity, per bracket into 18ga metal studs. One (1) Simpson Strong Tie Titan HD Concrete Screws 3/8" x 3" per bracket into concrete/cmu, or similar of equal or greater capacity.
  - 1.2.3. Nail Plates or stick pins are glued to plywood sheathing with PL-Premium 8x to hold the mineral wool in position.
  - 1.2.4. Owen's Corning 2" minimum Thermafiber Rainbarrier 45 Mineral Wool Insulation installed horizontal in a running bond pattern or vertically between T-Profiles in a running bond pattern, by pressing into nail plates or stick pins.
  - 1.2.5. StoVentro T-Profile<sup>™</sup> are installed into brackets, and secured with two (2) StoVentro Sub-construction screws 5.5mm x 19mm or 5.5mm x 22mm, per bracket.
  - 1.2.6. StoVentec Carrier Board A+ are installed onto T-Profiles and fastened with Sto Render Facade Screws 5.5mm x 24mm. Carrier board vertical joints are centered over T-Profiles.
  - 1.2.7. StoPrime is applied to the StoVentec Carrier Board A+.
  - 1.2.8. Sto Primer/Adhesive is applied as a basecoat to the StoVentec Carrier Board A+.
  - 1.2.9. Sto Mesh 6oz/yd<sup>2</sup> is embedded in the wet Sto Primer/Adhesive by troweling from the center of the mesh to the edges of the mesh to provide a total minimum 1/8" thickness of the reinforced base coat with no mesh color visible. Mesh seams are overlapped 6 inches. This process is repeated until the entire exposed area of the Carrier Board is covered with base coat and mesh which is then allowed to dry for a minimum of 12 hours.
  - 1.2.10. StoColl Masonry Veneer Adhesive is used to apply masonry veneer (by others) compliant with ASTM C1088.
  - 1.2.11. Masonry veneer grout (by others), portland cement-based grout compliant with ANSI 118.7, is applied to complete the cladding installation.

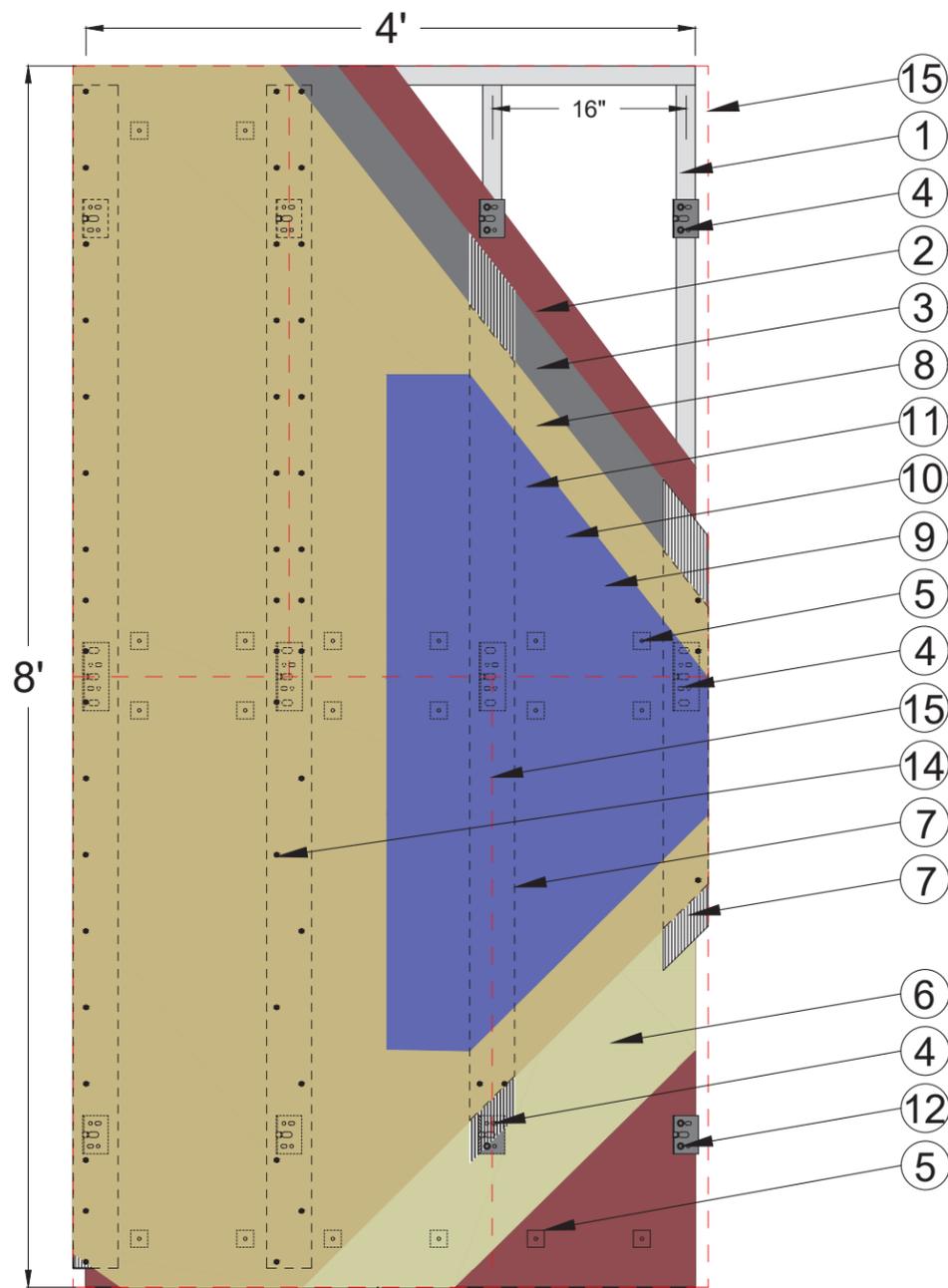
## General Notes

- 1) This system has been designed in accordance with the current Florida Building Code and the latest supplement(s) for use in High Velocity Hurricane Zones (HVHZ).
- 2) This system has been tested in accordance with the Florida Building Code Test Protocols TAS-202 and TAS-203 Air, Water, Structural, and Cyclic Testing. The structural wall assembly shall meet the Florida Building Code for Large Missile Impact.
- 3) This system shall be installed by a qualified contractor following the recommendations of Sto Corp, this notice of acceptance and the applicable sections of the Florida Building Code.
- 4) The engineer and/or architect of record for each project using this system shall size all stud framing to ensure conformance with stud deflection and stress limitations as required by governing codes and this document.
- 5) All studs used with this system shall be completely sheathed at the interior flange or bridged at maximum every 5 ft. of stud length or as specified by stud manufacturer.
- 6) All steel studs shall be structural with min 1-5/8" min. flange width and have minimum yield strength of 50,000 PSI.
- 7) Refer to sheet 4 as well as Render System Details on sheet No. 5, 6, 7, 8, and 9 which are typical and show intent to prevent water infiltration into and behind the system. Alternate detailing and specific conditions not covered by the typical details are the responsibility of the licensed design professional in consultation with Sto Corp.

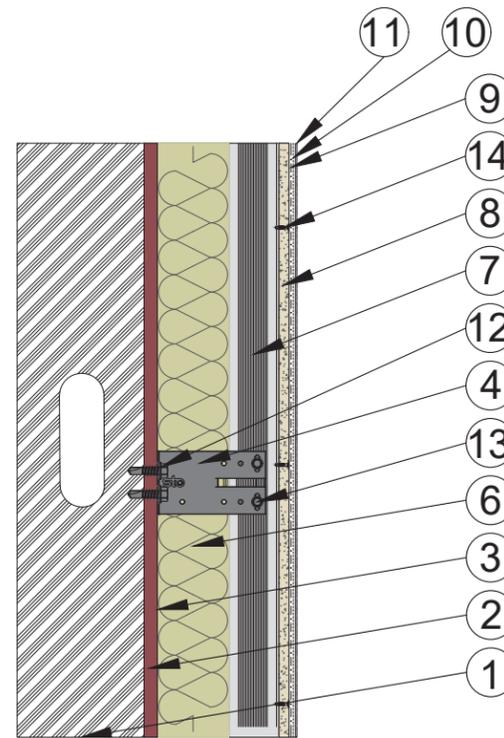
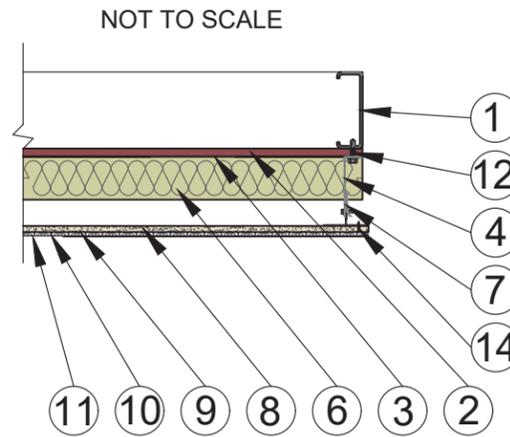


Sto Corp. 3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta, GA 30349	
<b>StoVentec for Masonry Veneer Facade</b> Rainscreen System Installation Details	
Drawing No: 2019-6412 (B)	Revision:
Date: 8/15/2022	Scale: Not to Scale
Sheet: 2 of 9	Drawn By: D.H.

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. 22-1103.02  
Expiration Date 12/30/2026  
By [Signature]  
**Miami-Dade Product Control**



NOT TO SCALE



NOT TO SCALE

### KEY

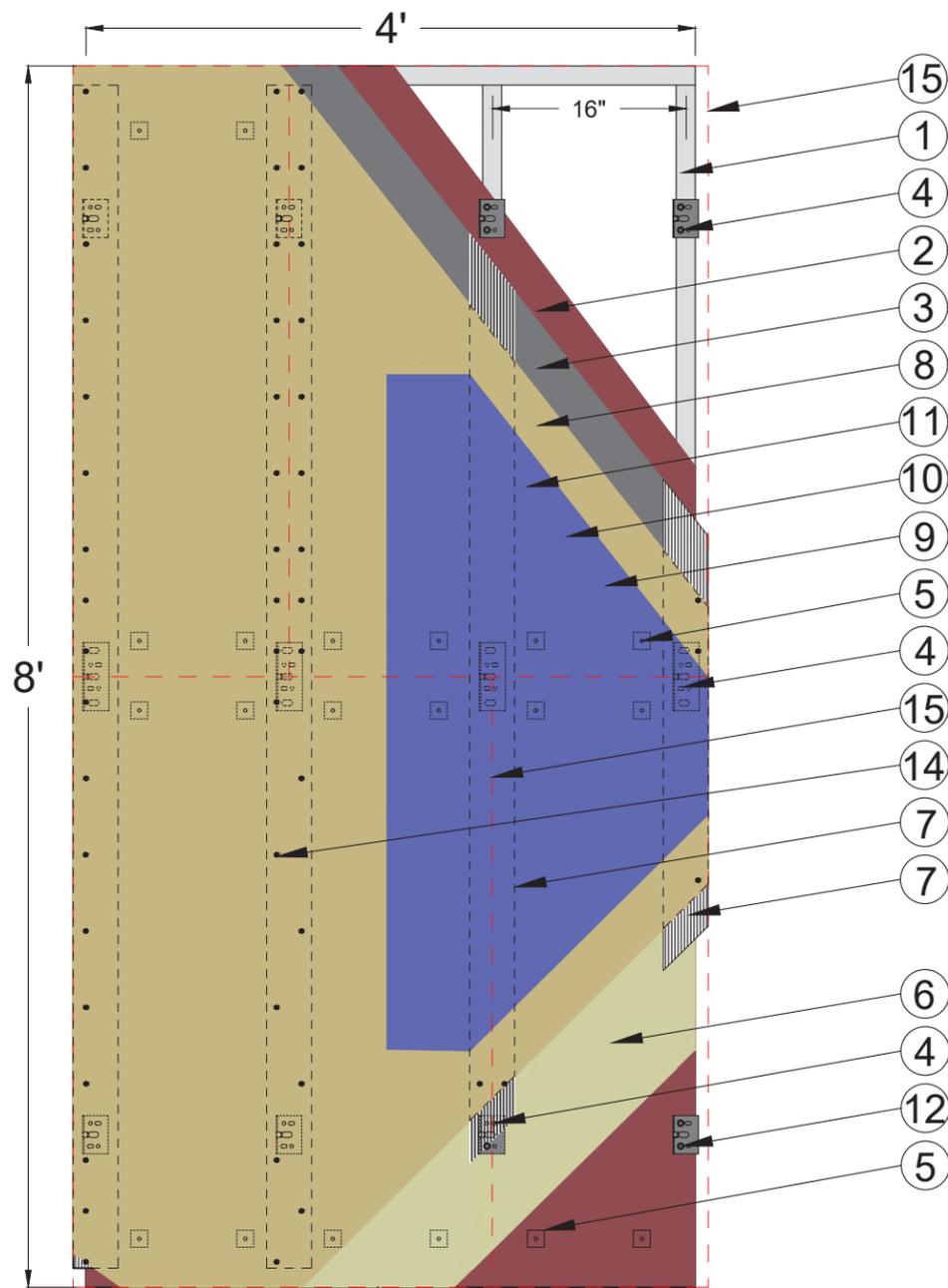
- 1) Min. 6" 18ga steel studs and track @ 16" O.C.
- 2) 5/8" 5-Ply, Plywood sheathing fastened with #10 x 1-7/16" Self-Drilling Flat Head Screws @ 6" o.c. along studs and perimeter (as tested).
- 3) Sto AirSeal<sup>®</sup>, Fluid-applied Air & Moisture Barrier
- 4) StoVentro<sup>™</sup> SS Brackets (FP/GP), grade 304.  
*FP Brackets:* 130mm (5-1/8") [height], 2.5mm (1/8") [thickness], 40mm-360mm [depth] in 20mm increments (1-9/16"-14-3/16" in 13/16" increments)  
*GP Brackets:* 75mm (2-15/16") [height], 2.0mm (1/16") [thickness], 40mm-360mm [depth] in 20mm increments (1-9/16"-14-3/16" in 13/16" increments)
- 5) Nail Plates/Stick Pins. Low carbon steel with galvanized plating with 12 gauge pin diameter, perforated 2" x 2" base.
- 6) Owens Corning Thermafiber<sup>®</sup> Rainbarrier<sup>®</sup> 45 Mineral Wool Insulation
- 7) StoVentro<sup>™</sup> 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
- 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 Finish with StoCast adhesive
- 12) 1/4-14 SD2 Bi-Met 300<sup>™</sup> Subframe Attachment by SFS
- 13) StoVentro<sup>™</sup> Sub-Construction Screw
- 14) StoVentro<sup>™</sup> Render Facade Screws, no greater than 6" o.c. (152mm), min 9 per 48" span (1220mm)
- 15) Outline of StoVentec<sup>®</sup> Carrier Board A+, Staggered as shown
- 16) StoVentro L-Profile. 6005A-T6 aluminum. 3m (9' 10-1/8") [long], 50mm (1-9/16") [wide] x 40mm (2") [wide].

StoVentec Render Installation Elevation	
Design Pressure Rating	Impact Rating
+/- 55.0 PSF	Large Missile Impact

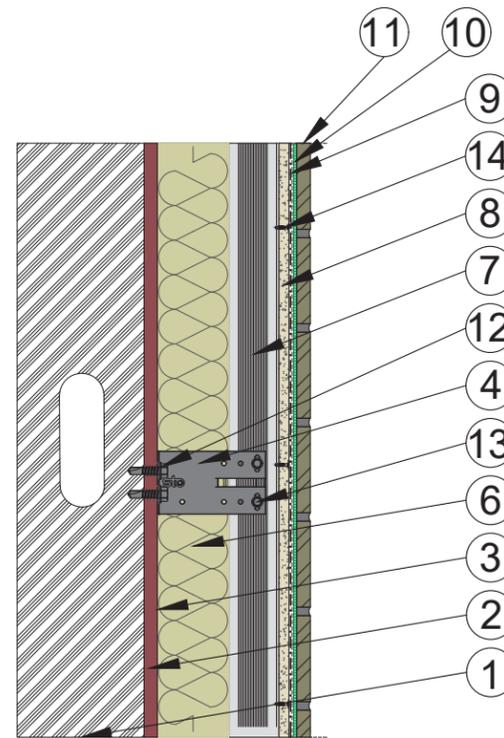
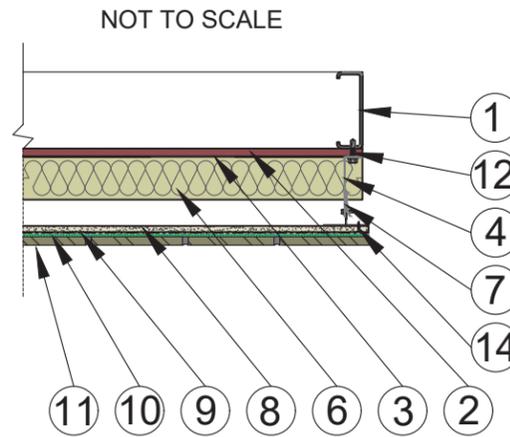


Sto Corp.	
3800 Camp Creek Parkway, Building 1400, Suite 120 Atlanta, GA 30349	
<b>StoVentec Render Rainscreen System</b> Installation Details	
Drawing No: 2019-6412 (B)	Revision: 2.0
Date: 6/2/2022	Scale: Not to Scale
Sheet: 3 of 9	Drawn By: R.T.

<b>PRODUCT REVISED</b> as complying with the Florida Building Code	
NOA-No.	22-1103.02
Expiration Date	12/30/2026
By	
Miami-Dade Product Control	



NOT TO SCALE



NOT TO SCALE

**KEY**

- 1) Min. 6" 18ga steel studs and track @ 16" O.C.
- 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 (as tested).
- 3) Sto AirSeal<sup>®</sup> Fluid-applied Air & Moisture Barrier
- 4) StoVentro<sup>™</sup> SS Brackets (FP/GP), grade 304.  
*FP Brackets:* 130mm (5-1/8") [height], 2.5mm (1/8") [thickness], 40mm-360mm [depth] in 20mm increments (1-9/16"-14-3/16" in 13/16" increments)  
*GP Brackets:* 75mm (2-15/16") [height], 2.0mm (1/16") [thickness], 40mm-360mm [depth] in 20mm increments (1-9/16"-14-3/16" in 13/16" increments)
- 5) Nail Plates/Stick Pins. Low carbon steel with galvanized plating with 12 gauge pin diameter, perforated 2" x 2" base.
- 6) Owens Corning Thermafiber<sup>®</sup> Rainbarrier<sup>®</sup> 45 Mineral Wool Insulation
- 7) StoVentro<sup>™</sup> 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 (ASTM C1088) & Grout (ANSI 118.7) by others
- 12) 1/4-14 SD2 Bi-Met 300<sup>™</sup> Subframe Attachment by SFS
- 13) StoVentro<sup>™</sup> Sub-Construction Screw
- 14) StoVentro<sup>™</sup> Render Facade Screws, no greater than 6" o.c. (152mm), min 9 per 48" span (1220mm)
- 15) Outline of StoVentec<sup>®</sup> 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].

StoVentec for Masonry Veneer Installation Elevation	
Design Pressure Rating	Impact Rating
+/- 55.0 PSF	Large Missile Impact

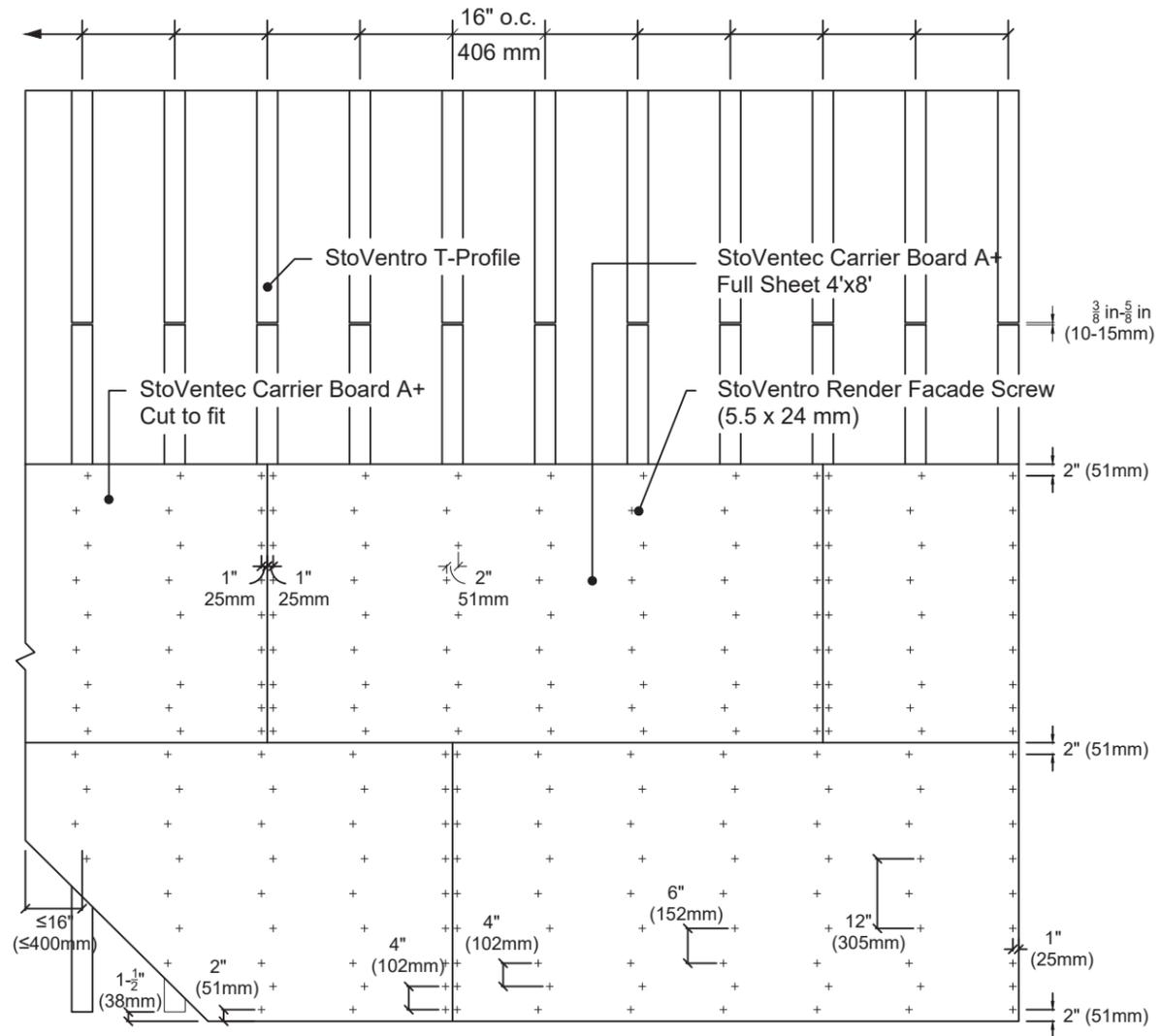


Sto Corp.  
 3800 Camp Creek Parkway, Building 1400, Suite 120  
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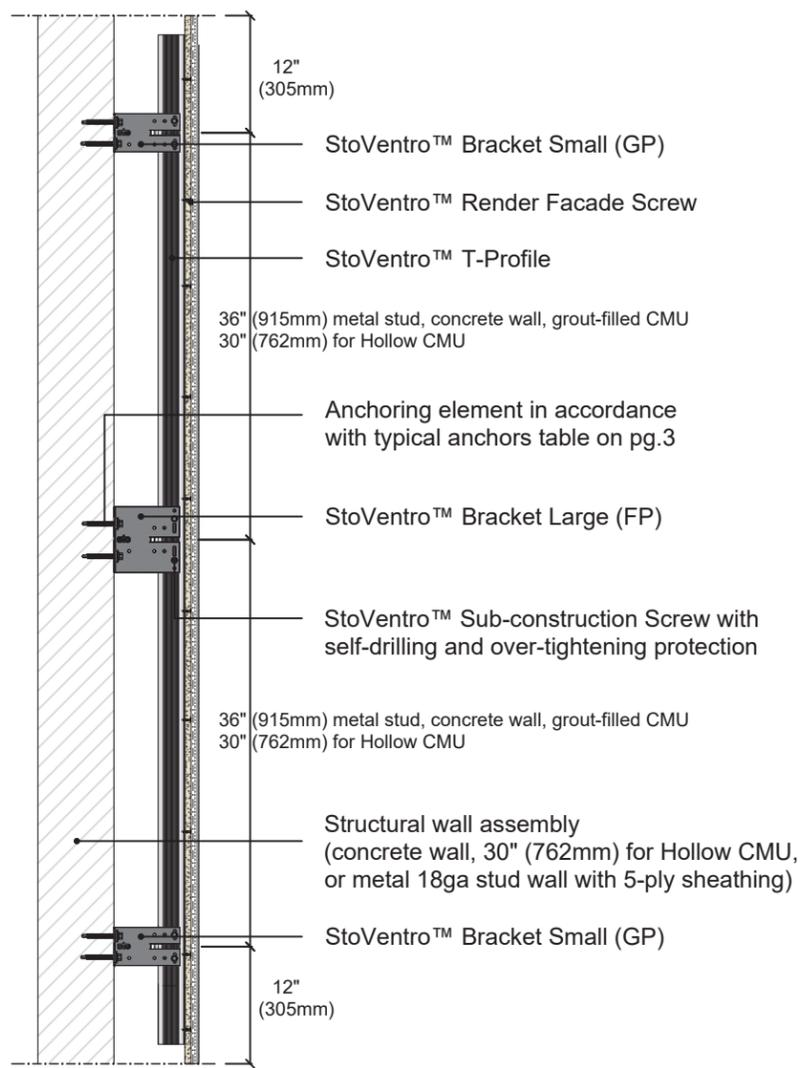
**StoVentec for Masonry Veneer Facade**  
 Rainscreen System Installation Details

Drawing No: 2019-6412 (B)	Revision:
Date: 8/1/2022	Scale: Not to Scale
Sheet: 4 of 9	Drawn By: D.H.

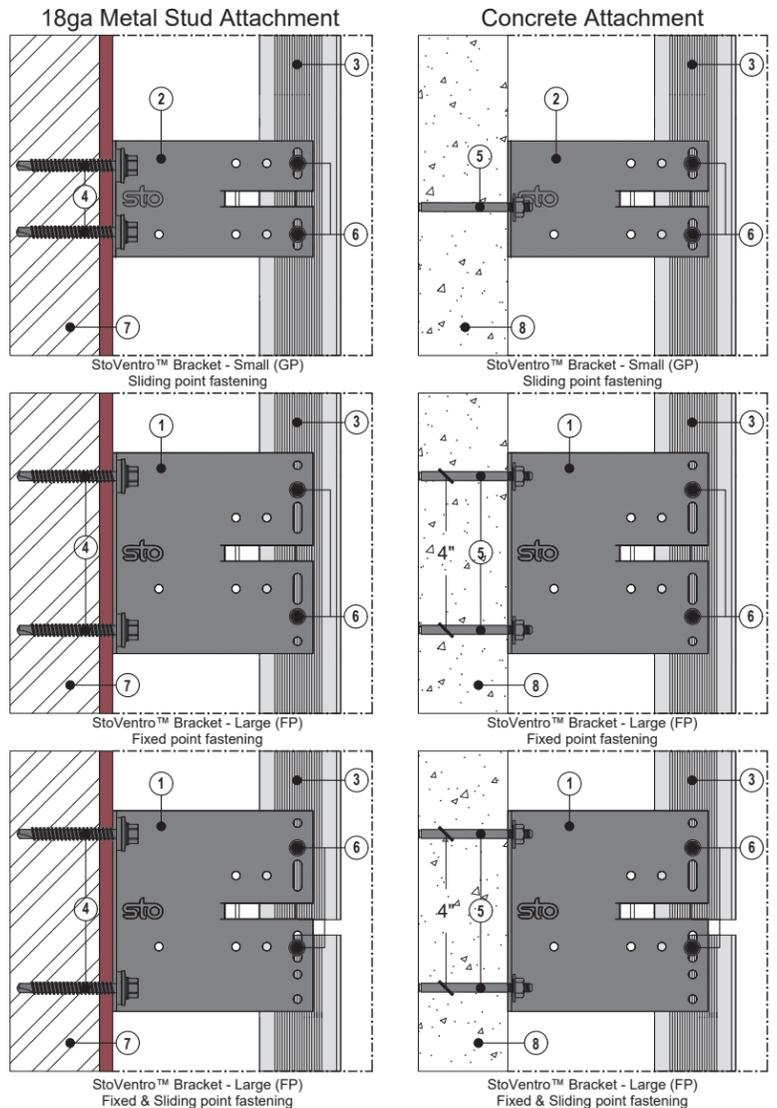
**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 NOA-No. 22-1103.02  
 Expiration Date 12/30/2026  
 By [Signature]  
 Miami-Dade Product Control



1 STOVENTEC CARRIER BOARD A+ ATTACHMENT ELEVATION VIEW N.T.S.



2 STOVENTEC BRACKET SPACING AND STOVENTRO T-PROFILE ATTACHMENT SECTION VIEW N.T.S.



3 STOVENTEC BRACKET ATTACHMENT SECTION VIEW N.T.S.

Note: All values are subject to structural analysis.

<b>Key</b>	① StoVentro™ Bracket Large (FP)	④ SFS 1/4-14 Bi-Met 300™ Sub-frame attachment fastener w/ washer	⑥ StoVentro™ Sub-construction Screw SS with self-drilling and over-tightening protection (5.5 x 19mm or 22mm)
	② StoVentro™ Bracket Small (GP)	⑤ Simpson Strong Tie Titan HD® Concrete Anchor	⑦ Structural wall assembly (18ga stud wall with plywood sheathing)
	③ StoVentro™ T-Profile		⑧ Structural wall assembly (Concrete/Grout-filled CMU, Hollow CMU)

Typical Anchors		
Metal 18ga Studs	Concrete/Grout-Filled CMU	Hollow CMU
Fastener: SFS 1/4-14 Bi-Met 300™ Sub-frame attachment fastener w/ washer	Fastener: 3/8" Simpson Strong Tie Titan HD® Concrete Anchor, or similar of equal or greater capacity.	Fastener: 3/8" Simpson Strong Tie Titan 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"		

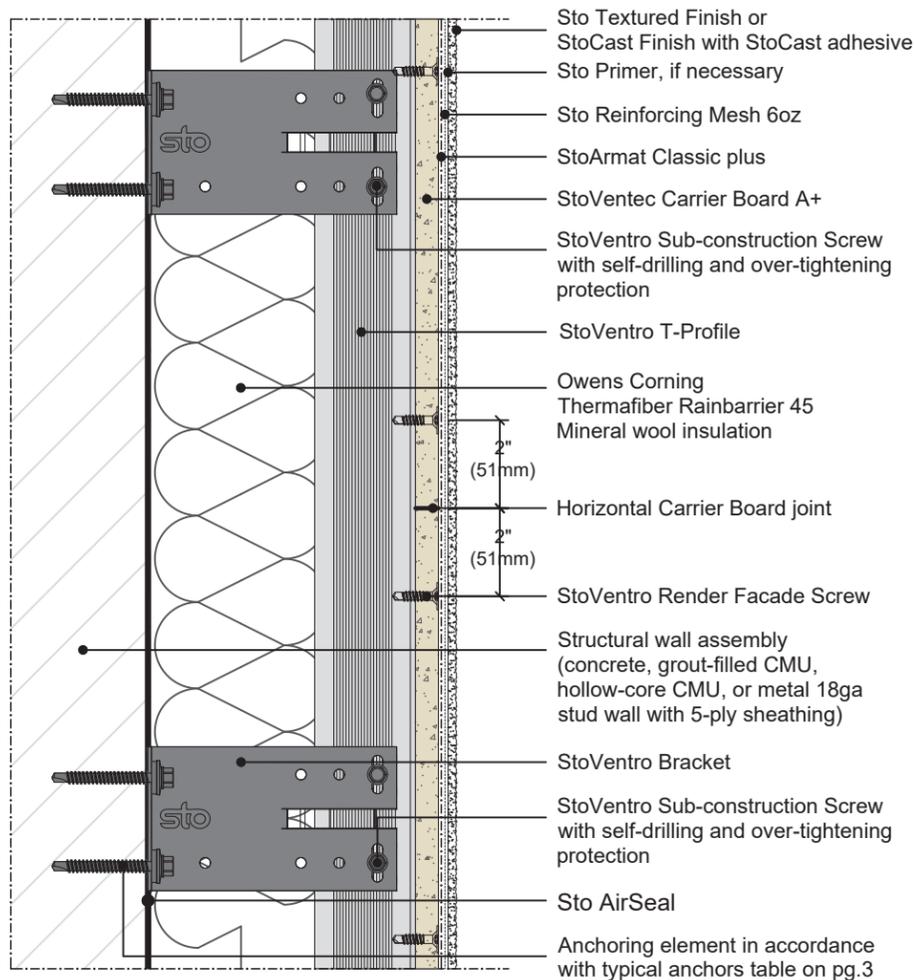


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3800 Camp Creek Parkway, Building 1400, Suite 120  
Atlanta, GA 30349

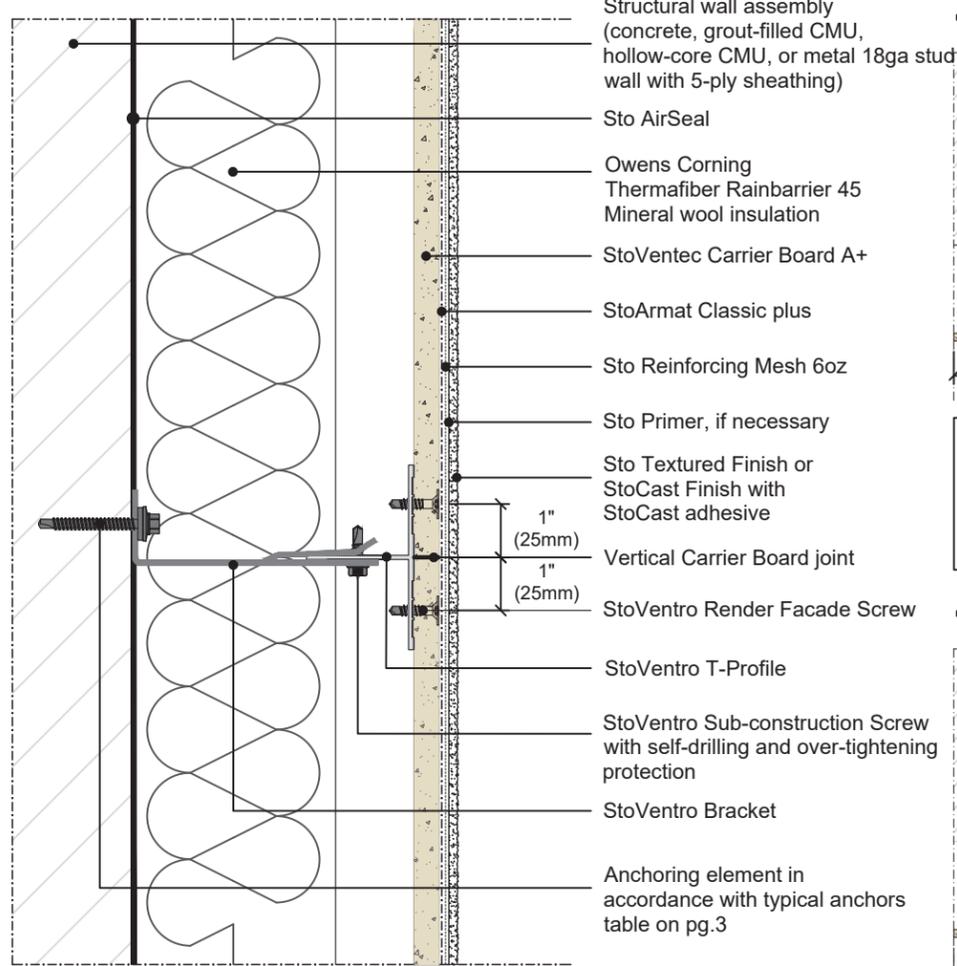
**StoVentec Render Rainscreen System  
Installation Details**

Drawing No: 2019-6412 (B)	Revision: 2.0
Date: 8/15/2022	Scale: Not to Scale
Sheet: 5 of 9	Drawn By: R.T.

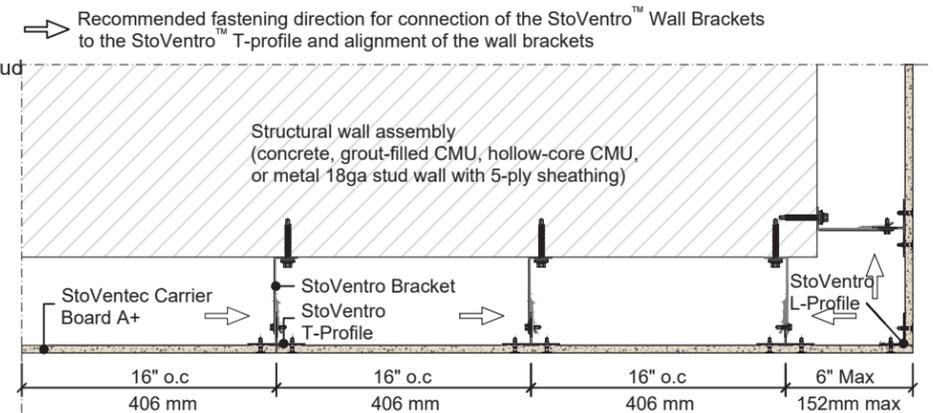
**PRODUCT REVISED**  
as complying with the Florida Building Code  
NOA-No. 22-1103.02  
Expiration Date 12/30/2026  
By *R.T.*  
Miami-Dade Product Control



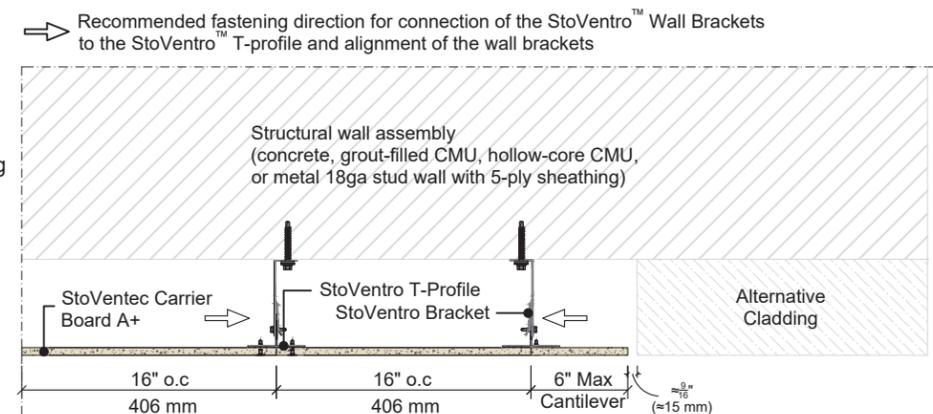
1 STOVENTEC HORIZONTAL CARRIER BOARD A+ JOINT SECTION VIEW N.T.S.



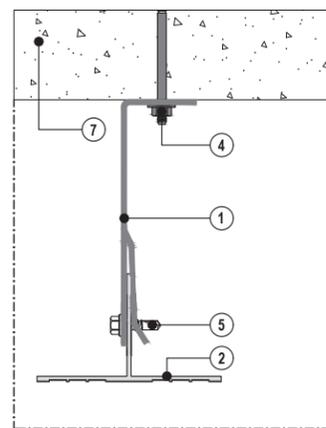
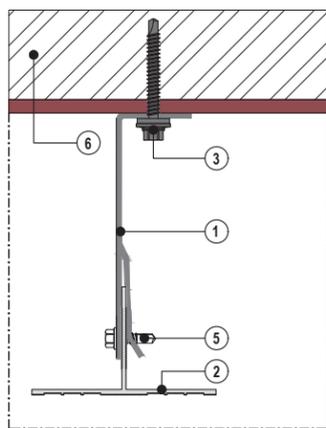
2 STOVENTEC VERTICAL CARRIER BOARD A+ JOINT PLAN SECTION VIEW N.T.S.



3 STOVENTRO WALL BRACKETS AND T-PROFILE ALIGNMENT AND REQUIREMENTS AT OUTSIDE CORNERS, JAMBS, AND RETURNING TRANSITIONS. PLAN VIEW | N.T.S.



4 STOVENTRO WALL BRACKETS, T-PROFILES, AND L-PROFILE ALIGNMENT AND ATTACHMENT REQUIREMENTS AT RETURNING TRANSITIONS, TRANSITIONS TO ALTERNATIVE CLADDING PLAN VIEW | N.T.S.



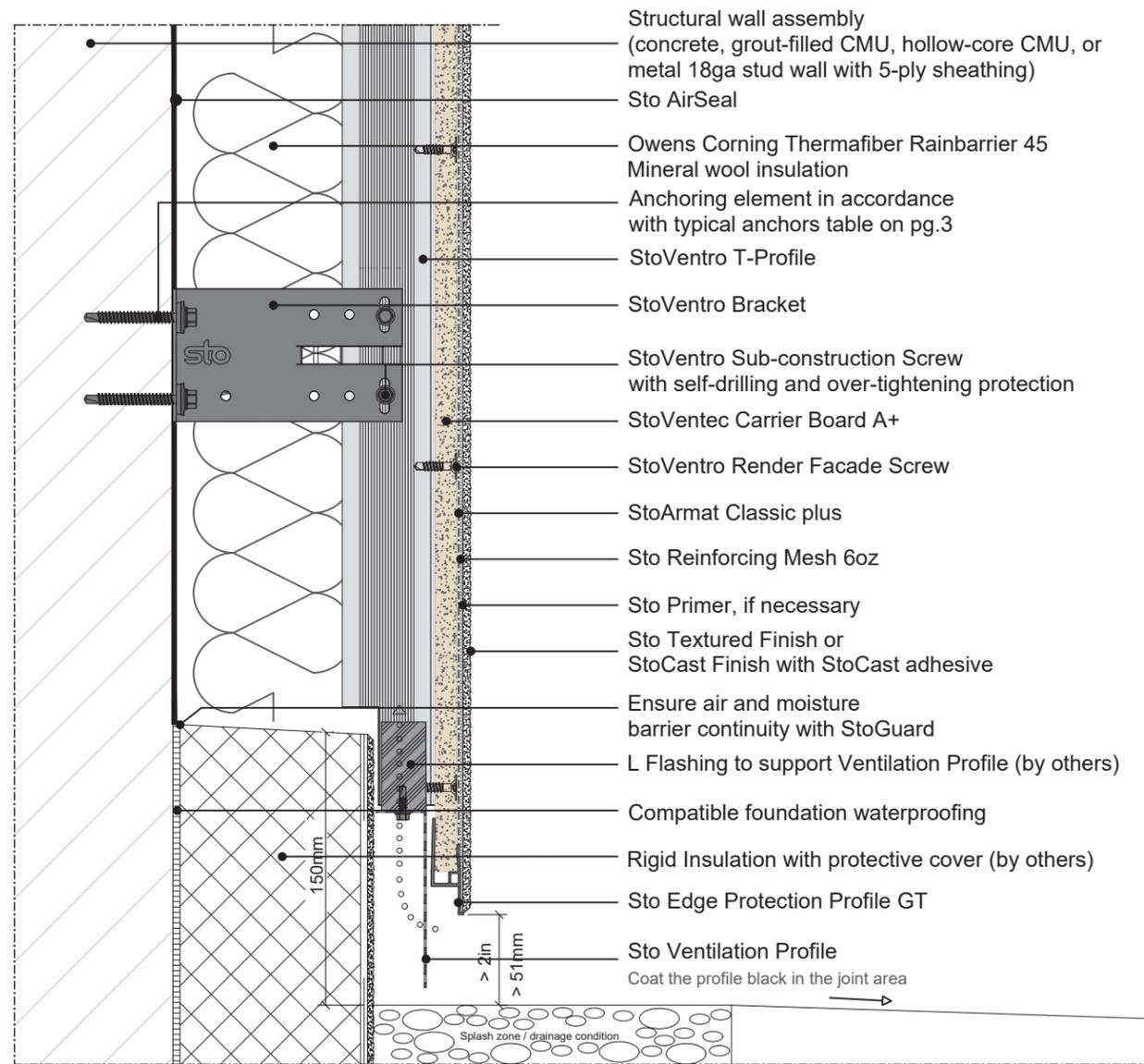
Key	
①	StoVentro™ Bracket
②	StoVentro™ T-Profile
③	SFS 1/4-14 Bi-Met 300™ Sub-frame attachment fastener w/ washer
④	3/8" Simpson Strong Tie Titan HD® Concrete Anchor, or similar approved by Sto
⑤	StoVentro™ Sub-construction Screw with self-drilling and over-tightening protection (5.5 x 19mm or 22mm)
⑥	Structural wall assembly (18ga stud wall with plywood sheathing)
⑦	Structural wall assembly (Concrete, grout-filled or hollow-core CMU)

5 STOVENTRO SS BRACKET ATTACHMENT PLAN VIEW N.T.S.



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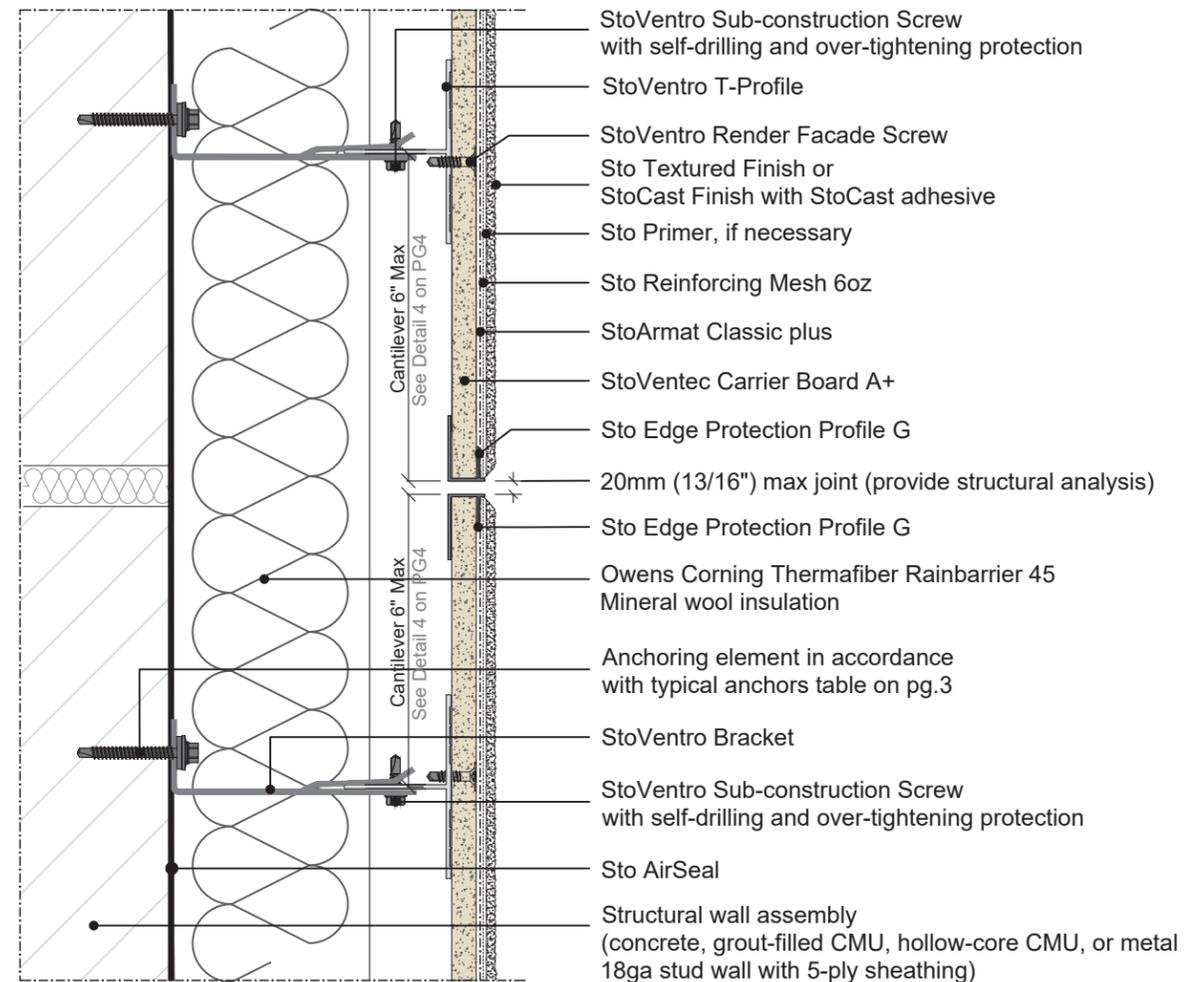
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If the StoVentec Carrier Board projects into the splash zone when it is installed, provide the system with additional protection against moisture penetration and ensure constant system ventilation by taking structural and maintenance measures. Constant, excessive stress from moisture can damage the system. The planner must determine the height and position of the splash zone on a project-specific basis.

1 STOVENTEC INSTALLATION AT GRADE SECTION VIEW N.T.S.

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

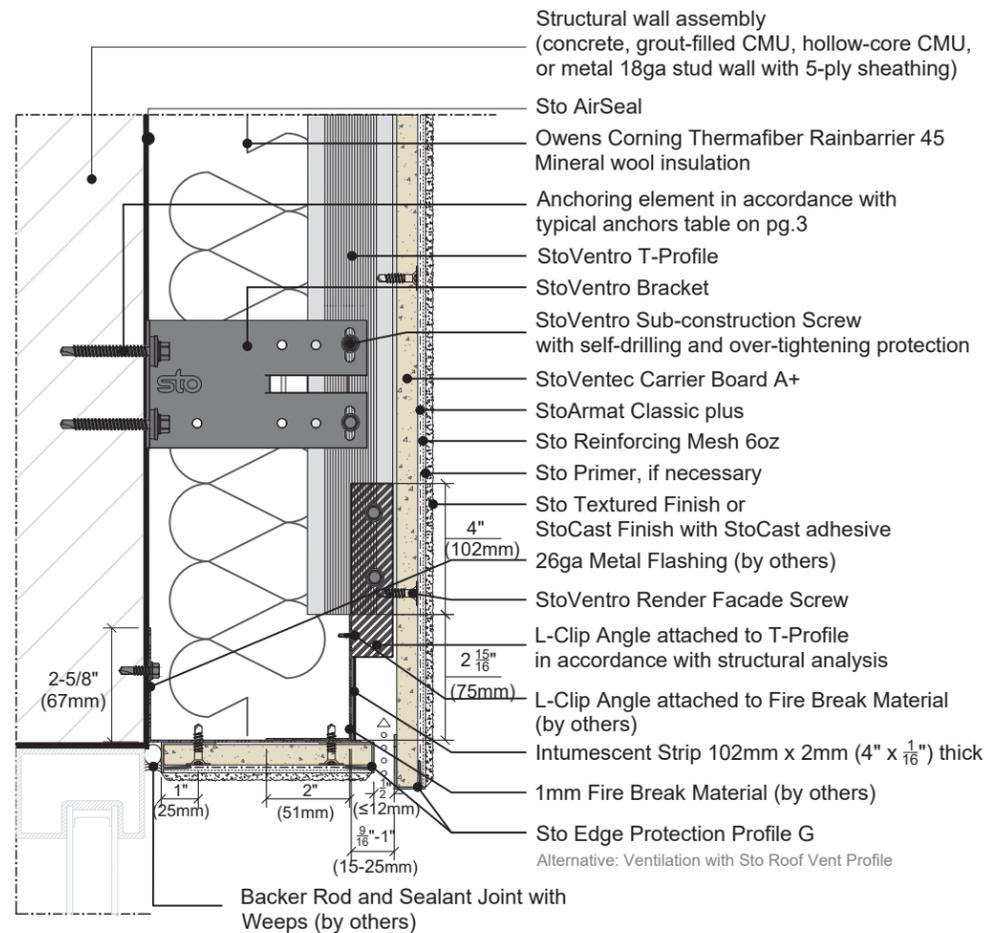


2 STOVENTEC INSTALLATION AT MOVEMENT JOINT PLAN VIEW N.T.S.

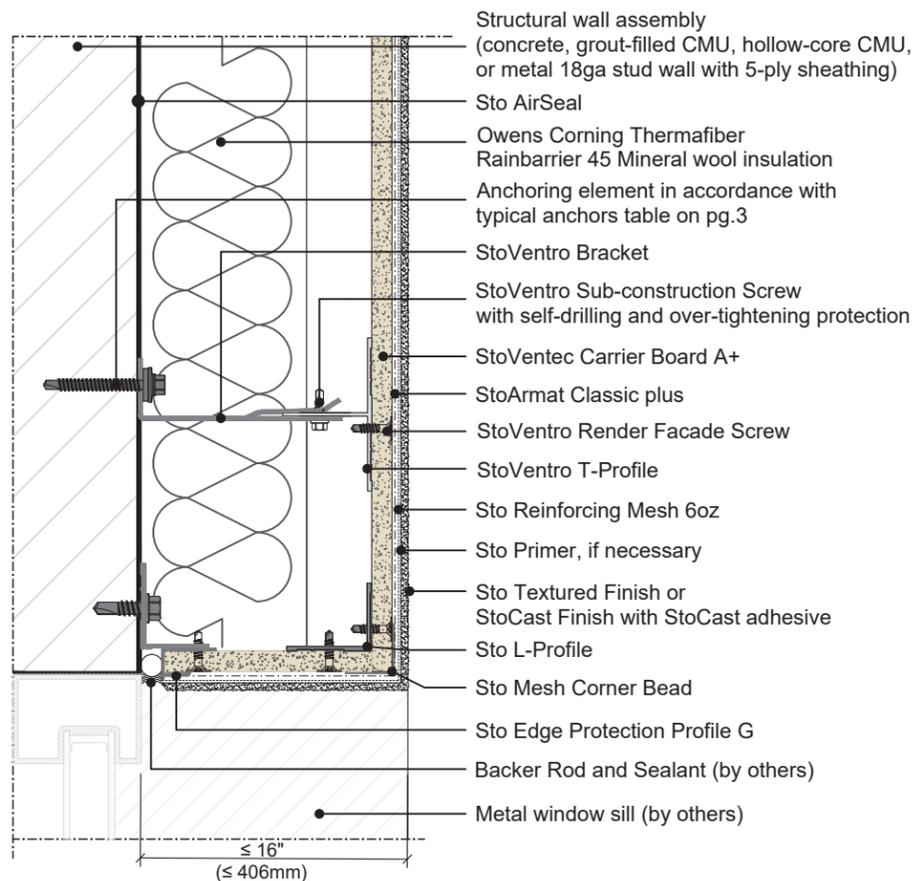


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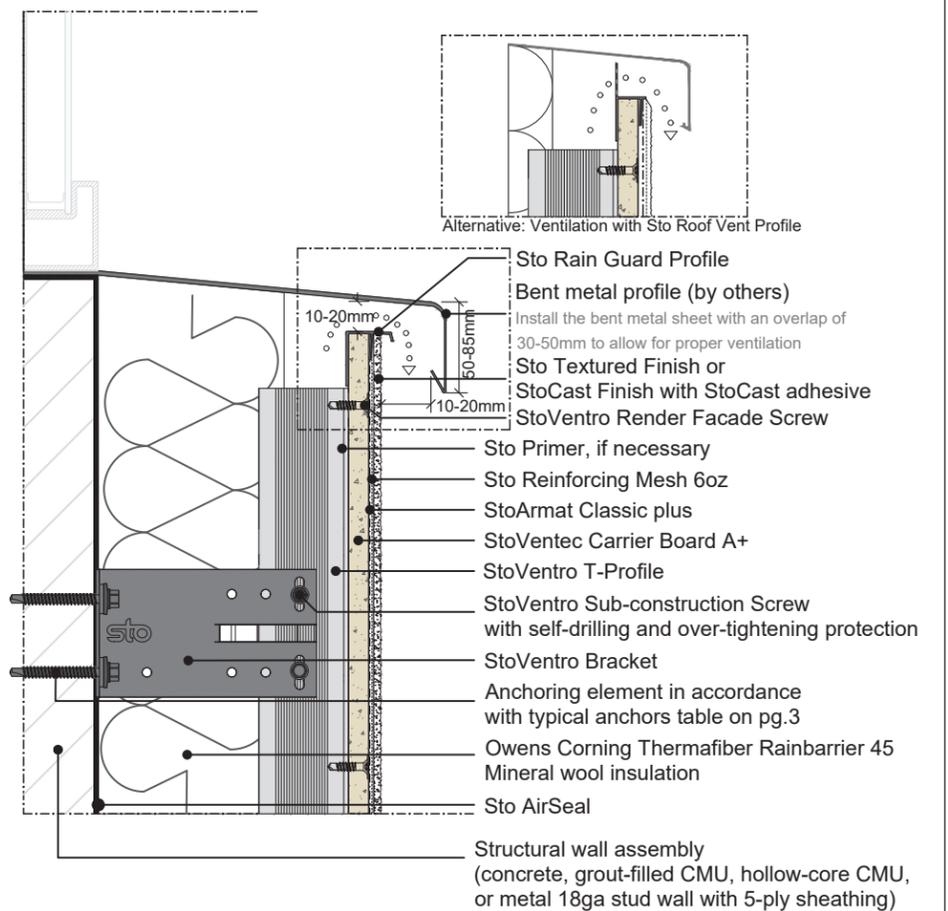
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1 STOVENTEC INSTALLATION AT WINDOW HEAD SECTION VIEW N.T.S.



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



3 STOVENTEC INSTALLATION AT WINDOW SILL SECTION VIEW N.T.S.



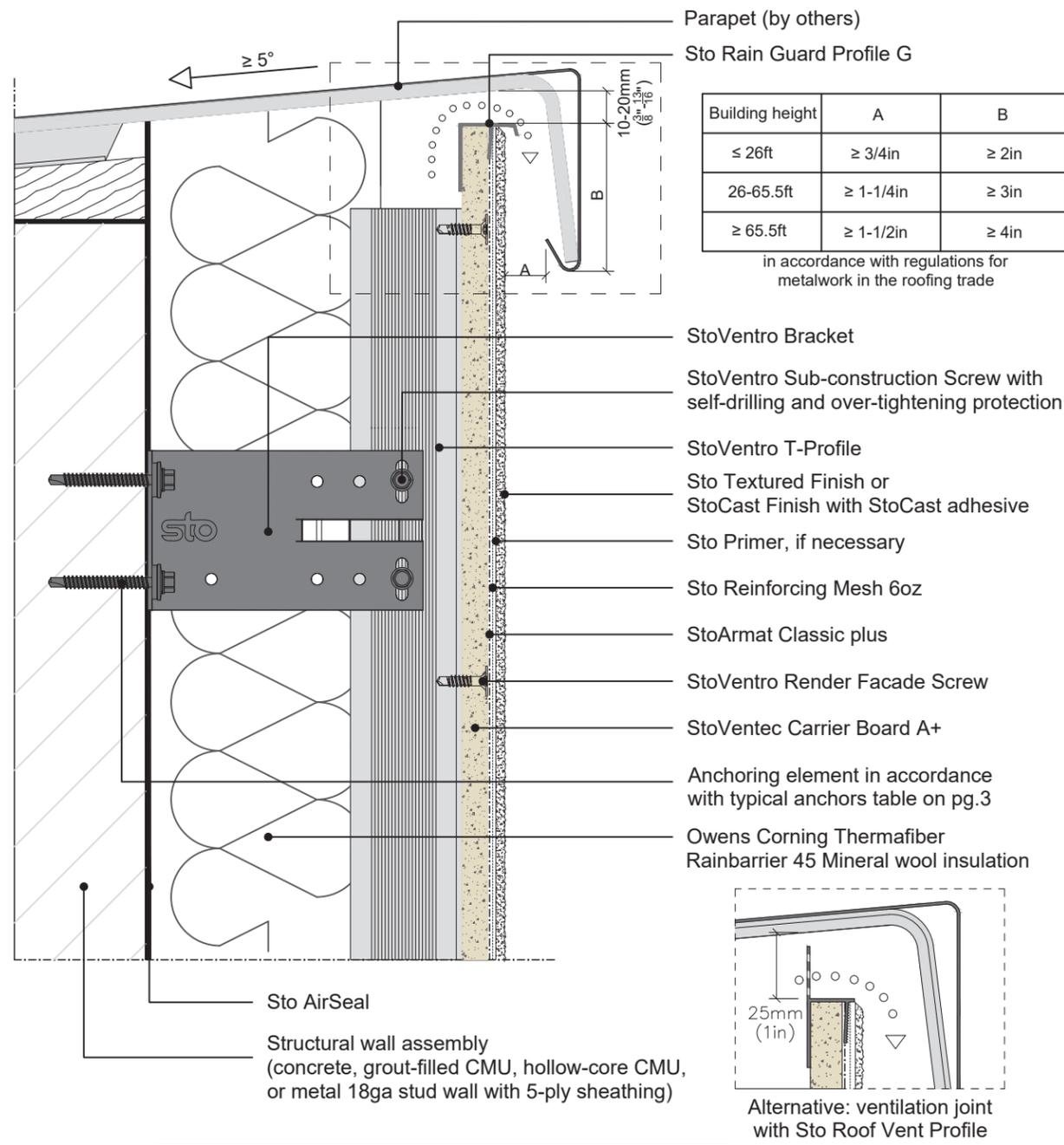
Sto Corp.  
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StoVentec Render Rainscreen System  
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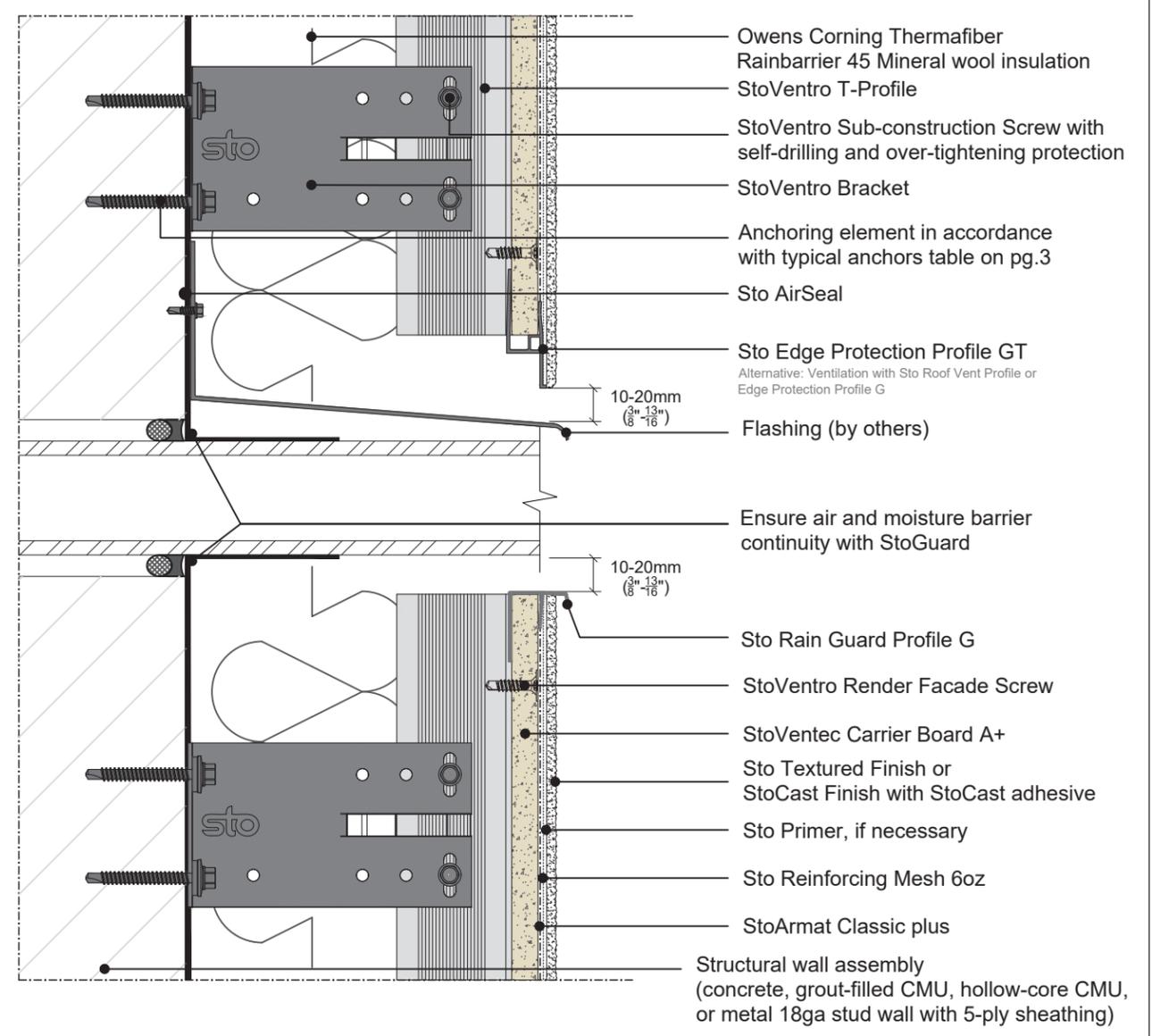
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1 STOVENTEC INSTALLATION AT PARAPET SECTION VIEW N.T.S.



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



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