

### StoTherm® - 1177-LM-150 Large Missile Hurricane Impact Resistant System Miami-Dade County NOA # 18-0319.15 Expires: 08/11/2021

6", 16 ga. Steel Studs at 16-inches on-cen-5/8-inch fiberglass **(2)** 2 faced ASTM C-1177 sheathing Sto Armor Mat XX **B** Embedded in Sto Primer/Adhesive-B 4 Sto Gold Coat® Sto Primer/Adhesive-B Miami-Dade County 6 Listed EPS, 1.0 pcf, Minimum 1-inch Thick Sto Mesh Embedded in Sto Primer/Adhesive-B Sto Finish No. 6 x 1-1/4" Screws Spaced at 6 inches On-Center Along Studs in Field and Perimeter. **HVHZ Design Pressure:**  $\pm$  150 p.s.f.

#### Notes:

1. Comply with written requirements presented in official Notice of Acceptance available at www.stocorp.com and www.miamidade.gov.

Detail No.: 10H.14

Date: April 2019

- 2. Materials deemed equivalent or better may be substituted based on analysis by a qualified engineer and/or at the discretion of the local code official in locations outside of the High Velocity Hurricane Zone (Dade and Broward Counties).
- 3. Refer to Sto specifictions and product bulletins for detailed information on mixing and application of products.

IMPORTANT: Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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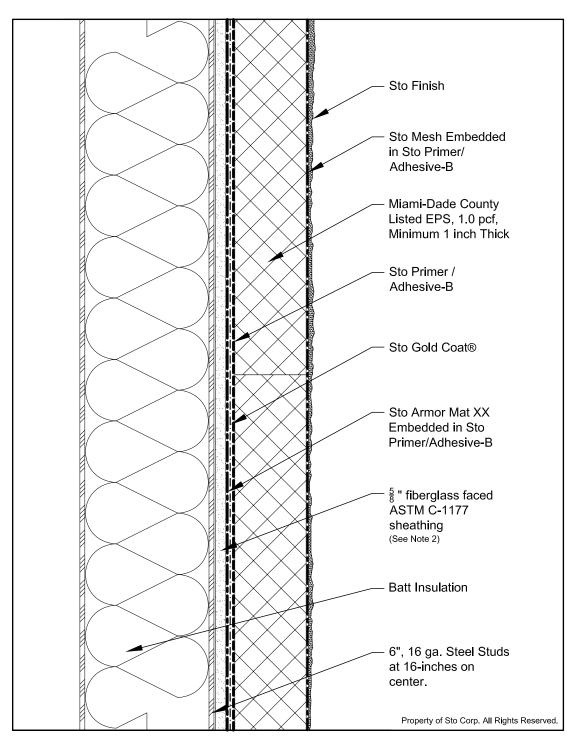
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# StoTherm<sup>®</sup>ci - 1177-LM-150 System Components

Detail No.: 10H.14.00 Date: February 2019



### Notes

#### 1 System Components:

- 6", 16 ga. Steel Studs at 16-inches on center.
- \_ \frac{5}{8} " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

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# StoTherm<sup>®</sup>ci - 1177-LM-150 System Components: Ultra-High Impact Resistance

Sto Finish Sto Mesh Embedded in Sto Primer/Adhesive-B Sto Base Coat (with Sto ArmorMat Mesh Embedded) Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B Miami-Dade County Listed EPS, 1.0 pcf, Minimum 1 inch Thick Sto Primer / Adhesive-B Sto Gold Coat® ร็ฐ " fiberglass faced ASTM C-1177 sheathing (See Note 2) **Batt Insulation** 6", 16 ga. Steel Studs at 16-inches on center. Property of Sto Corp. All Rights Reserved.

#### Notes:

#### 1 System Components:

Detail No.: 10H 14 01

Date: February 2019

- 6", 16 ga. Steel Studs at 16-inches on center.
- 5/8 " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

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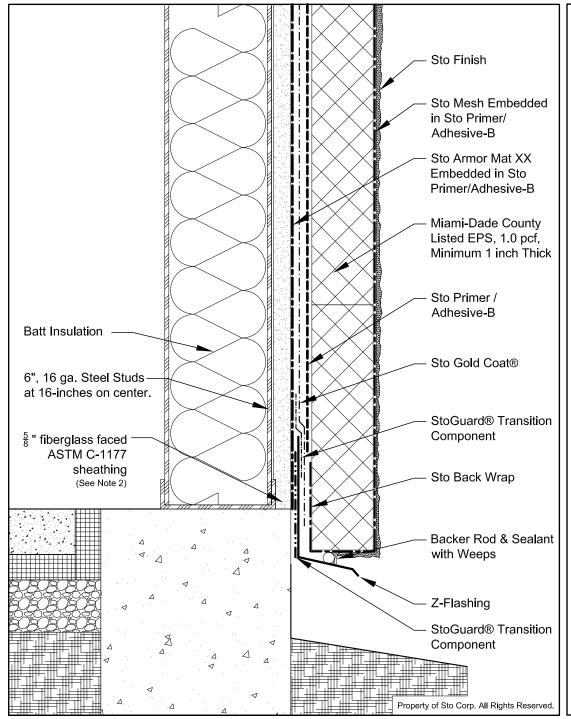
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Termination at Grade Sheathing Flush with Foundation or Slab Edge

Detail No.: 10H.14.03A Date: February 2019



#### Notes:

### 1. System Components:

- 6", 16 ga. Steel Studs at 16-inches on center.
- \_ \frac{5}{8} " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

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# StoTherm<sup>®</sup>ci - 1177-LM-150 Termination at Grade Sheathing Overlapping Slab or Foundation

Sto Finish Sto Mesh Embedded in Sto Primer/ Adhesive-B Miami-Dade County Listed EPS, 1.0 pcf, Minimum 1 inch Thick Sto Primer / Adhesive-B Sto Gold Coat® Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B Batt Insulation StoGuard® Transition Component 6", 16 ga. Steel Studs <sup>5</sup>/<sub>8</sub> " fiberglass faced at 16-inches on center. **ASTM C-1177** sheathing (See Note 2) Sto Back Wrap Backer Rod & Sealant with Weeps Z-Flashing StoGuard® Transition Component Top Coated with 2 Coats of Sto Color Acryl Plus

#### Notes:

#### 1 System Components:

Detail No.: 10H.14.03B

Date: February 2019

- 6", 16 ga. Steel Studs at 16-inches on center.
- \_ 5/8 " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

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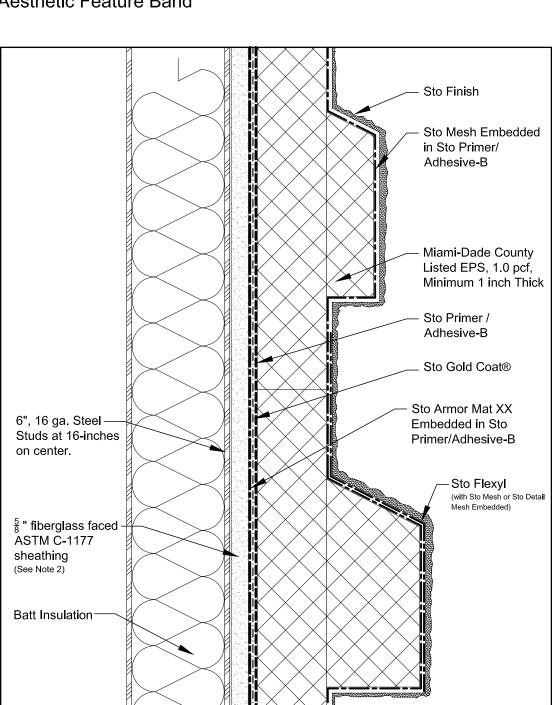
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## StoTherm<sup>®</sup>ci - 1177-LM-150 Aesthetic Feature Band



#### Notes:

#### 1 System Components:

Detail No. 10H 14 04

Date: February 2019

- 6", 16 ga. Steel Studs at 16-inches on center.
- 5/8 " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
- Return Sto Flexyl vertically
   (102mm) above and

below feature band.

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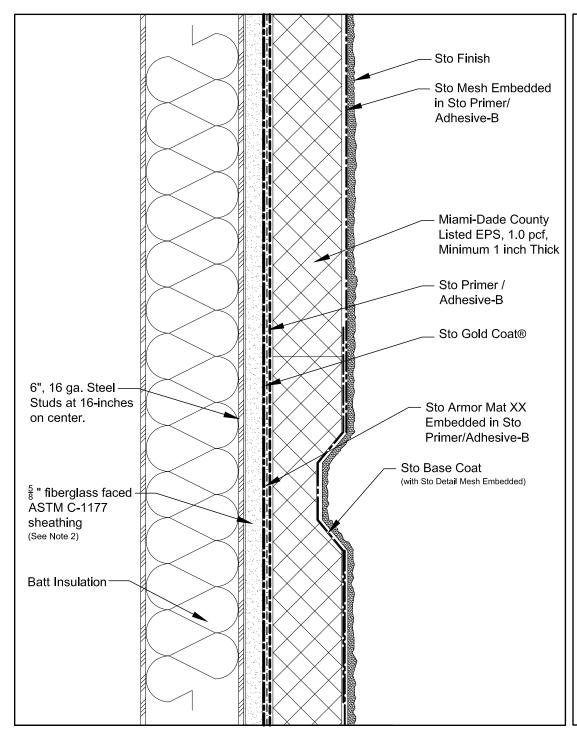
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Aesthetic Reveal - Option 1

Detail No.: 10H.14.05A Date: February 2019



#### Notes:

#### 1 System Components:

- 6", 16 ga. Steel Studs at 16-inches on center.
- \_ \frac{5}{8} " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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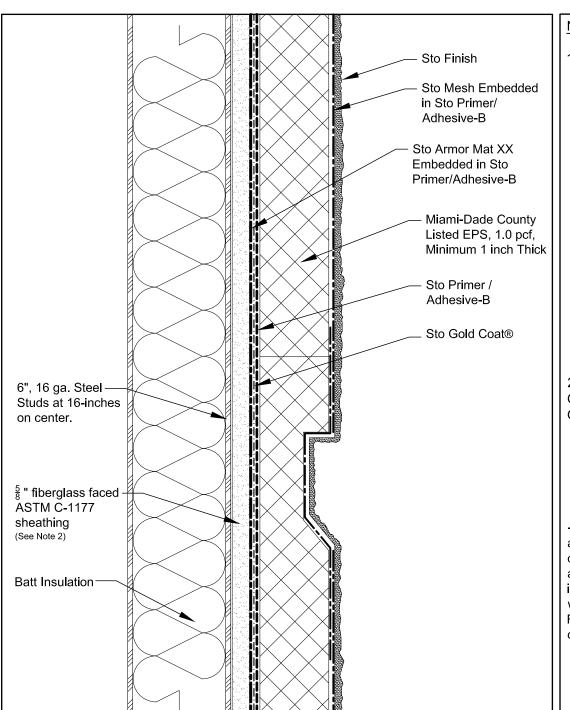
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Aesthetic Reveal - Option 2



#### Notes:

#### 1 System Components:

Detail No. 10H 14.05B

Date: February 2019

- 6", 16 ga. Steel Studs at 16-inches on center.
- \_ \frac{5}{8} " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

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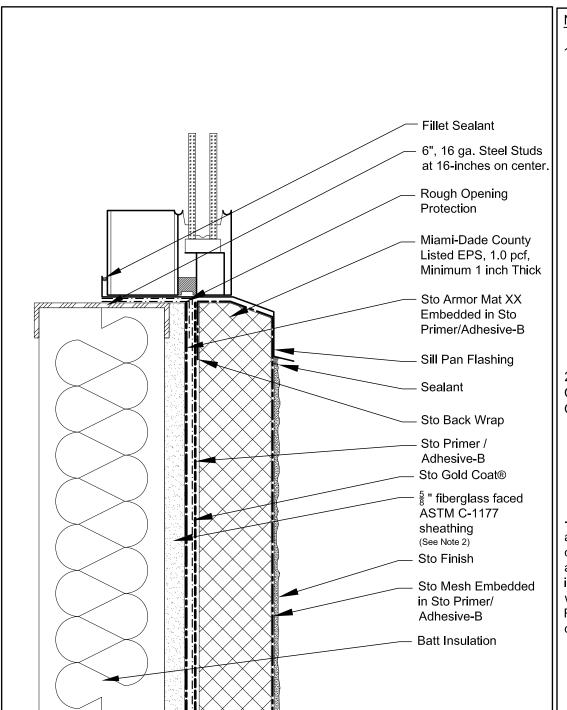
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Window Sill / Receptor Style

Detail No.: 10H.14.23A Date: February 2019



#### Notes:

#### 1 System Components:

- 6", 16 ga. Steel Studs at 16-inches on center.
- 5/8 " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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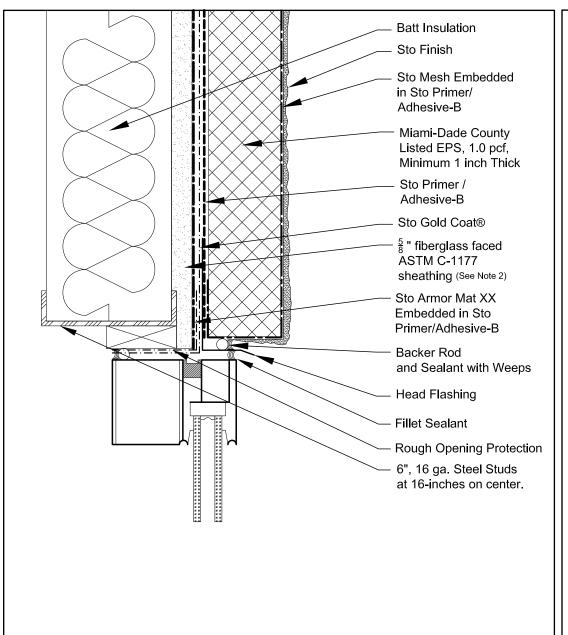
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Window Head / Receptor Style



#### Notes:

#### 1 System Components:

Detail No. 10H 14.23B

Date: February 2019

- 6", 16 ga. Steel Studs at 16-inches on center.
- 5/8 " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Window Jamb / Receptor Style

ੈਂ " fiberglass faced ASTM C-1177 sheathing (See Note 2) Sto Gold Coat® 6", 16 ga. Steel Studs at 16-inches on center. Rough Opening Protection Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B Backer Rod Sto Finish and Sealant Sto Mesh Embedded Sto Back Wrap in Sto Primer/ Miami-Dade County Listed EPS, 1.0 pcf, Adhesive-B Minimum 1 inch Thick Sto Primer / Adhesive-B

#### Notes:

#### 1 System Components:

Detail No.: 10H 14.23C

Date: February 2019

- 6", 16 ga. Steel Studs at 16-inches on center.
- \frac{5}{8} " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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### StoTherm<sup>®</sup>ci - 1177-LM-150 Soffit: Insulated and Unvented

Sto Finish 1 Sto Mesh Embedded in Sto Primer/Adhesive-B 2 -Miami-Dade County Listed EPS, 1.0 pcf, Dissimilar Material or Minimum 1 inch Thick Wall Construction <sup>5</sup>/<sub>8</sub> " fiberglass faced Sto Primer / **ASTM C-1177** Adhesive-B sheathing (See Note 2) Sto Gold Coat® Batt Insulation -Sto Armor Mat XX 6", 16 ga. Steel Studs-Embedded in Sto at 16-inches on center. Primer/Adhesive-B Sto Back wrap 1 Sto Drip Edge Backer Rod Profile and Sealant Nominal <sup>3</sup>/<sub>8</sub> inch Gap for Drainage Property of Sto Corp. All Rights Reserved.

#### Notes:

#### 1 System Components:

Detail No.: 10H.14.30

Date: February 2019

- 6", 16 ga. Steel Studs at 16-inches on center.
- 5/8 " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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### StoTherm<sup>®</sup>ci - 1177-LM-150 Soffit: Uninsulated and Vented

Sto Finish 4 Sto Mesh Embedded in Sto Primer/Adhesive-B Dissimilar Material Miami-Dade County or Wall Construction Listed EPS, 1.0 pcf, Minimum 1 inch <sup>5</sup>/<sub>8</sub> " fiberglass faced Thick **ASTM C-1177** sheathing Sto Primer / (See Note 2) Adhesive-B 6", 16 ga. Steel Studs at 16-inches on center. Sto Gold Coat® 1 Backer Rod and Sto Armor Mat XX Sealant Embedded in Sto Primer/Adhesive-B Sto Back wrap Sto Drip Edge Profile Soffit Vent Nominal <sup>3</sup>/<sub>8</sub> inch Gap for Drainage

#### Notes

#### 1 System Components:

Detail No.: 10H.14.31

Date: February 2019

- 6", 16 ga. Steel Studs at 16-inches on center.
- 5/8 " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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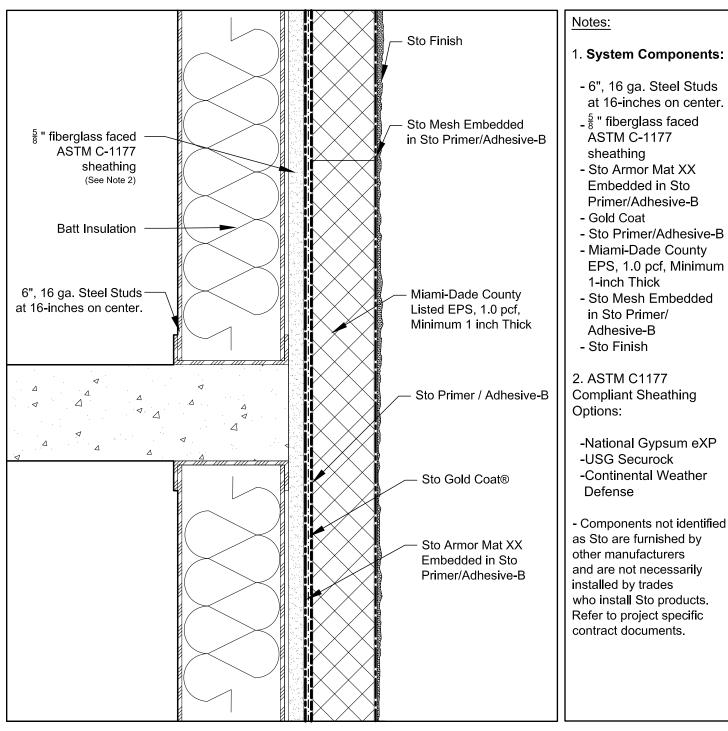
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### StoTherm<sup>®</sup>ci - 1177-LM-150 Floor Line Without Deflection

Detail No.: 10H.14.40 Date: February 2019



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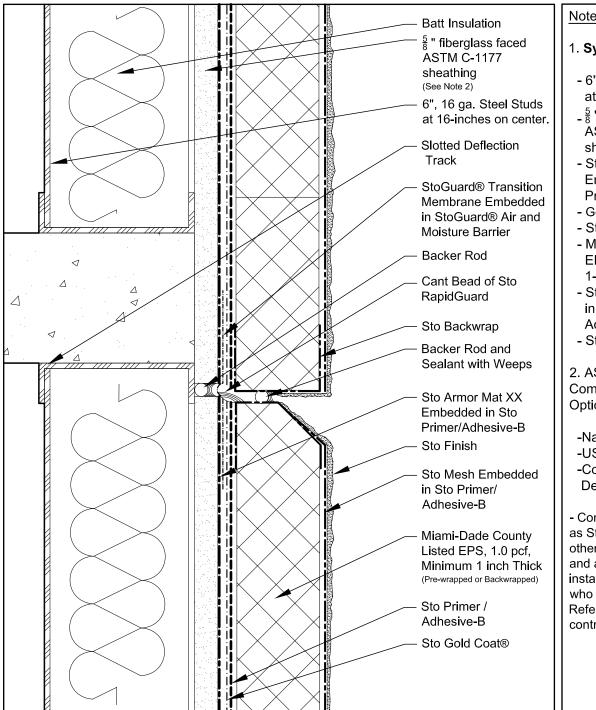
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Floor Line With Deflection - Drainage at Floor Line

Detail No. 10H 14.41A Date: February 2019



#### Notes:

#### 1 System Components:

- 6", 16 ga. Steel Studs at 16-inches on center.
- \_ \frac{5}{8} " fiberglass faced **ASTM C-1177** sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
- Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

**ATTENTION** 

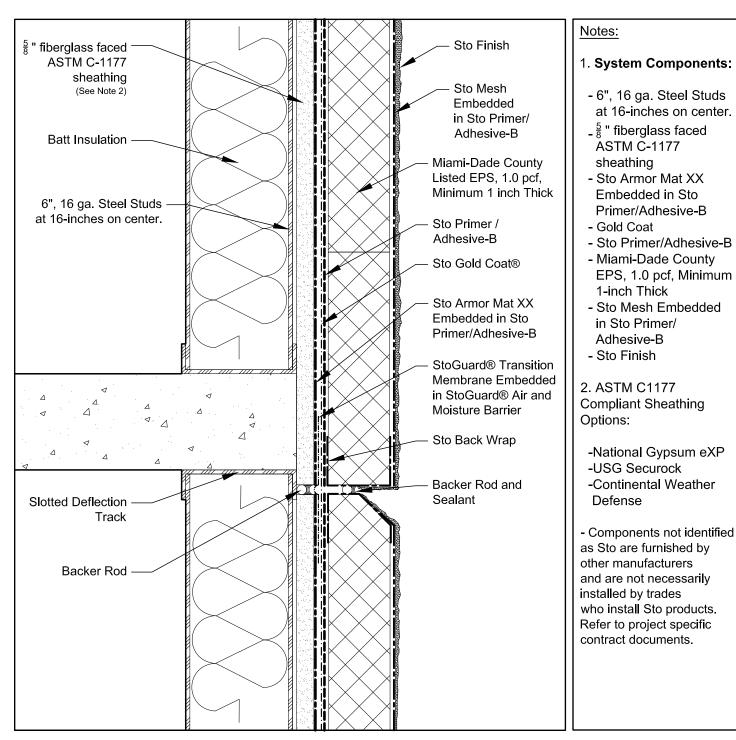
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Floor Line With Deflection - No Drainage at Floor Line

Detail No. 10H 14.41B Date: February 2019



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Detail No.: 10H 14.41C

Date: February 2019

# StoTherm<sup>®</sup>ci - 1177-LM-150 Floor Line With Deflection - Flashing and Drainage at Floor Line

Notes: Sto Finish <sup>5</sup>/<sub>8</sub> " fiberglass faced **ASTM C-1177** 1 System Components: sheathing Sto Mesh (See Note 2) - 6", 16 ga. Steel Studs Embedded at 16-inches on center. in Sto Primer/  $\frac{5}{8}$  " fiberglass faced Adhesive-B **Batt Insulation ASTM C-1177** Miami-Dade County sheathing Listed EPS, 1.0 pcf, - Sto Armor Mat XX Minimum 1 inch Thick Embedded in Sto 6", 16 ga. Steel Studs Primer/Adhesive-B at 16-inches on center. Sto Primer / - Gold Coat Adhesive-B - Sto Primer/Adhesive-B - Miami-Dade County Sto Gold Coat® StoGuard® Air and EPS, 1.0 pcf, Minimum Moisture Transition 1-inch Thick Component Sto Armor Mat XX - Sto Mesh Embedded Embedded in Sto in Sto Primer/ Primer/Adhesive-B Adhesive-B - Sto Finish StoGuard® Transition Membrane Embedded 2. ASTM C1177 in StoGuard® Air and Compliant Sheathing Moisture Barrier Options: Sto Back Wrap -National Gypsum eXP -USG Securock -Continental Weather Backer Rod and Sealant with Weeps Defense Slotted Deflection Track - Components not identified as Sto are furnished by other manufacturers Backer Rod and are not necessarily installed by trades who install Sto products. Refer to project specific contract documents.

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damage to Sto products, and to the structure of the building or its components.

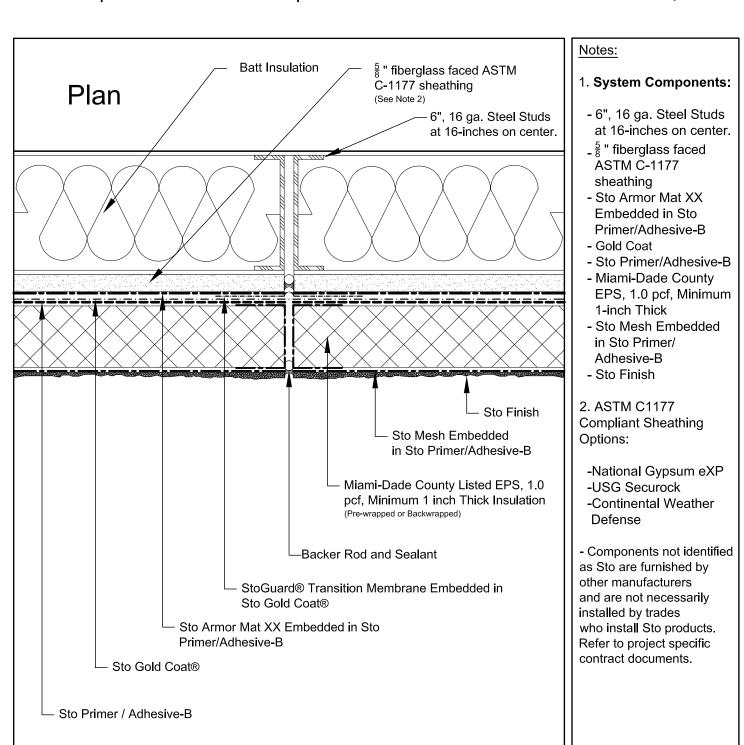
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Detail No. 10H 14.52A

Date: February 2019

# StoTherm<sup>®</sup>ci - 1177-LM-150 Vertical Expansion Joint in Back-Up Wall



#### ATTENTION

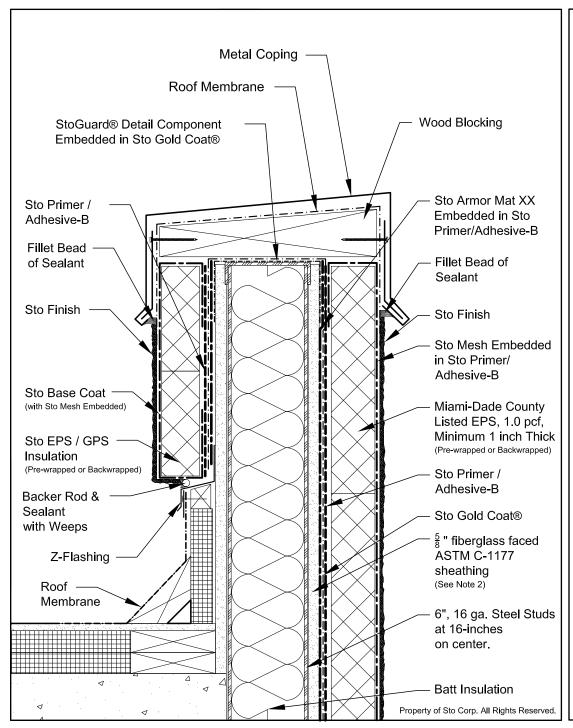
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Termination at Parapet

Detail No.: 10H.14.60 Date: February 2019



#### Notes:

#### 1 System Components:

- 6", 16 ga. Steel Studs at 16-inches on center.
- \_ \frac{5}{8} " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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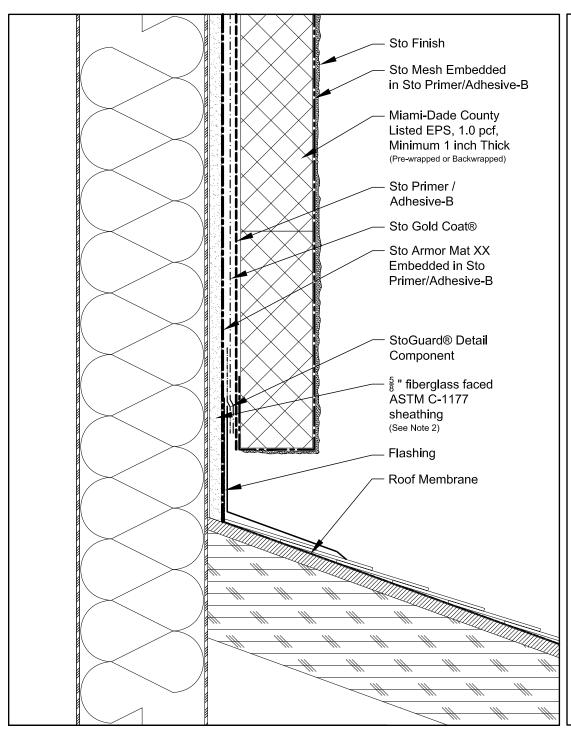
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Diverter Flashing at Roof Abutment

Detail No.: 10H.14.62 Date: February 2019



#### Notes:

#### 1 System Components:

- 6", 16 ga. Steel Studs at 16-inches on center.
- 5/8 " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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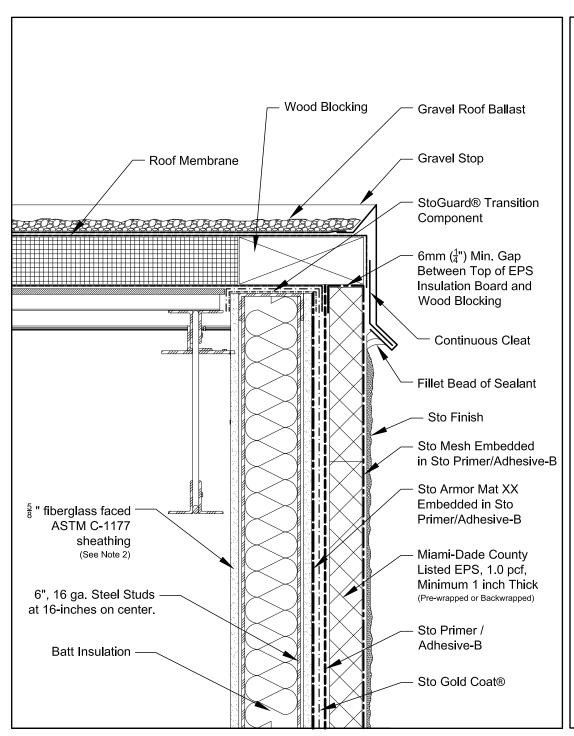
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Gravel Stop

Detail No.: 10H.14.63 Date: February 2019



#### Notes:

#### 1 System Components:

- 6", 16 ga. Steel Studs at 16-inches on center.
- \_ \frac{5}{8} " fiberglass faced ASTM C-1177 sheathing
- Sto Armor Mat XX Embedded in Sto Primer/Adhesive-B
- Gold Coat
- Sto Primer/Adhesive-B
- Miami-Dade County EPS, 1.0 pcf, Minimum 1-inch Thick
- Sto Mesh Embedded in Sto Primer/ Adhesive-B
- Sto Finish

### 2. ASTM C1177 Compliant Sheathing Options:

- -National Gypsum eXP
- -USG Securock
- -Continental Weather Defense
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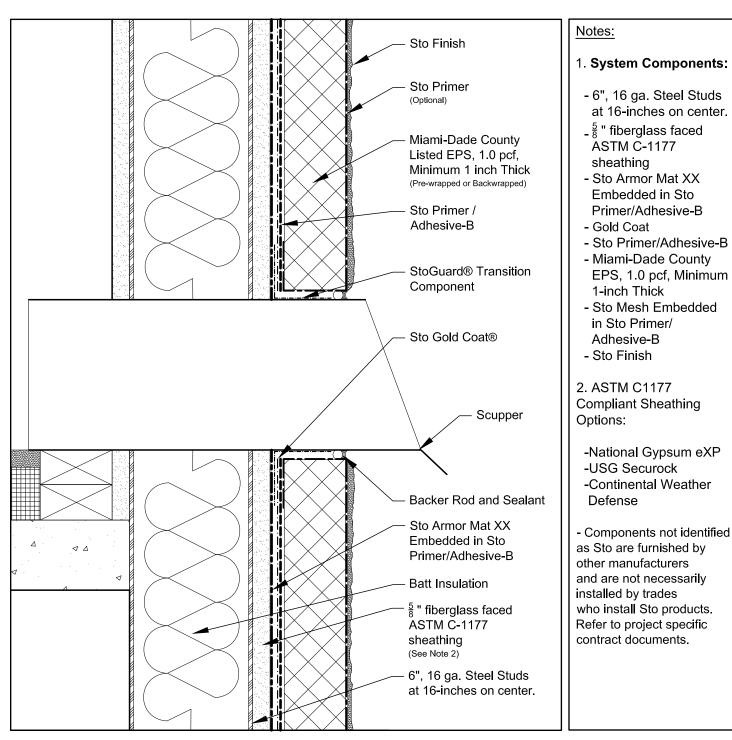
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# StoTherm<sup>®</sup>ci - 1177-LM-150 Scupper Penetration

Detail No.: 10H.14.65 Date: February 2019



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