

# STRUKTUROC WALL PANEL

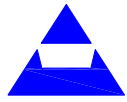
## **INTRODUCTION**

Details contained in the following pages are suggestions and guidelines as to how the Strukturoc wall panel can be installed. We believe all information presented is accurate, but it is not intended to cover all instances, building designs or codes. The details may require changes or revisions as conditions from project to project can and do vary.

It is the responsibility of the designer/contractor/installer to ensure that the following details and installation are adapted to meet particular building requirements. The manufacturer shall be held harmless from any and all claims arising from lack of proper installation.

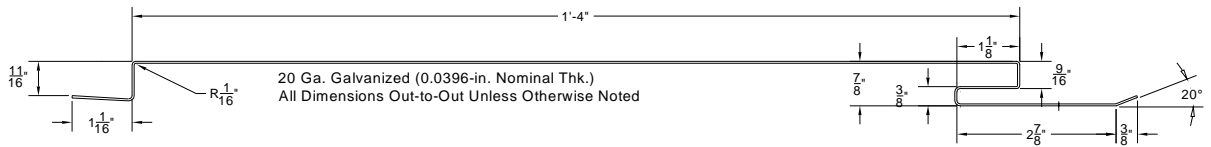
Every installer shall familiarize him/herself with all erection instructions before the application process begins. The installer may utilize details provided and procedures recommended for installation of materials. Some field cutting is part of normal erection work. Workmanship shall conform to the highest industry standards. Oil canning in the flat area of panel is common to the industry and shall not be cause for product refusal. Minimizing or eliminating this effect can be accomplished with simple procedures during surface preparation.

# STRUKTUROC WALL PANEL

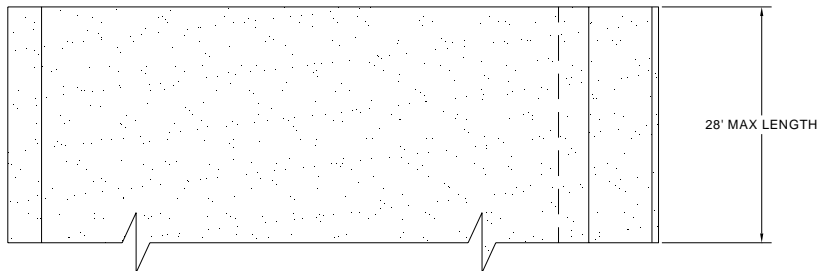


TransAmerican  
Strukturoc, Inc.

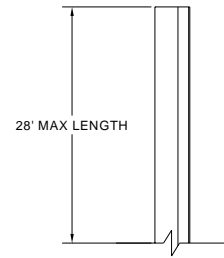
## STK2000



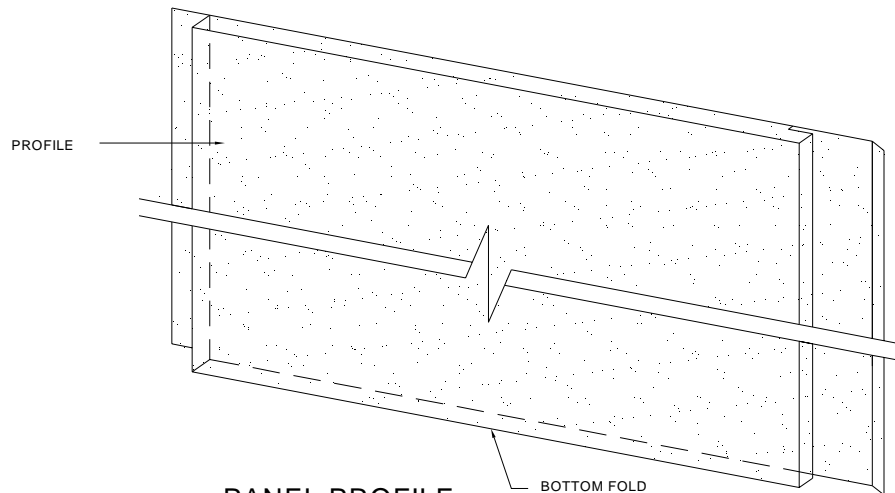
PLAN VIEW



FRONT VIEW



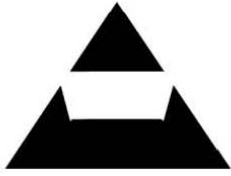
SIDE VIEW



PANEL PROFILE

NOTES:  
(STANDARD CONFIGURATION MANUFACTURED IN U.S.)  
GAUGE: 20 GA. G 90 GALV. EMBOSSED STEEL  
PRIMER: COATED 2- SIDED EPOXY  
FINISH: PROPRIETARY TEXTURED FINISH

# STRUKTUROC WALL PANEL



**TransAmerican  
Strukturoc, Inc.**

**SPEC DATA**  
The Spec-Data sheet conforms to editorial style prescribed by the Construction Specifications Institute. The manufacturer is responsible for technical accuracy.

## **1. PRODUCT NAME**

STRUKTUROC™ Stucco Wall Systems

## **2. MANUFACTURER**

TransAmerican Strukturoc™ Inc.  
Textured Wall Systems  
920 Apollo Road Ste. 120  
Eagan, MN 55121  
Phone: (952) 884-7694  
Fax: (952) 887-2716

## **3. PRODUCT DESCRIPTION**

Strukturoc wall panels are roll formed from 20 gauge hot dipped galvanized steel coil. With the textured finish applied the panel weighs 2.10 lb/sq.ft.

All wall fasteners are concealed to achieve a smooth and consistent surface.

### **Basic Use:**

Strukturoc wall panels are used primarily as a wall cladding system on new construction and renovation products, up to six stories. They may also be used as screening and soffit panels.

### **Limitations:**

Because Strukturoc wall panels are prefinished, care should be exercised during erection to avoid damage. Avoid dragging panels over surfaces that may cause scuffing or marring. Strukturoc wall systems are not designed to be used as load bearing walls.

### **Composition and Material:**

Strukturoc wall panels consist of hot dipped galvanized steel of commercial weight ASTM A924 steel, coated two sides utilizing an epoxy primer with dry wall film thickness of 1 to 1.5 mills, applied finish is a proprietary textured finish.

### **Sizes:**

Wall panels are available in 16 inch wide profile and in lengths of 14 inches and up to 28 feet. Trim and flashing profiles are 12 feet in length and manufactured from 20 and 24 gauge steel.

### **Colors:**

Strukturoc is available in 24 standard colors - up to 1500 colors are also available for selection on a custom basis.

### **Finish:**

A proprietary textured formulation to obtain a beautiful stucco-coated steel panel.  
Color fast and long lasting.

## **4. TECHNICAL DATA**

### **Coating:**

Film Hardness ASTM 3363

### **Color Retention:**

Does not show a color change at 2000 hours ASTM G7-05

### **Water Penetration:**

Test to ASTM E331-86

### **Structural:**

Test to ASTM E 1592

### **Racking Shear:**

Test ASTM E72-80

### **Air Infiltration:**

Test ASTM E283-91

### **Water Soak:**

Test ASTM D870

### **Salt Spray:**

Test ASTM B-117

### **Flammability:**

Test ASTM E-84

### **Weathering:**

Test ASTM G7-05

### **Impact Resistant:**

Miami-Dade County  
NOA 13-0206.18  
NOA 13-0206.19  
(STK2000 Only)

### **Base Metal:**

20-24 gauge G90 steel sheet, zinc coated (galvanized) by hot-dip process.  
Tested to ASTM A653, A924 standards.

## **5. INSTALLATION**

Install in accordance with information as provided by Strukturoc representative. Strukturoc can be cut and riveted on the job site, utilizing conventional hand and power tools. Strukturoc wall systems are easily applied over substrates having variegated surfaces. This ability makes Strukturoc systems a perfect choice for renovation projects as well as new construction.

## **6. AVAILABILITY**

Strukturoc Stucco Wall Systems information is made available from your local Strukturoc representative. Contact: Strukturoc Wall Systems.

## **7. WARRANTY**

Strukturoc Wall Systems are warranted to be free from defects in material and workmanship, for a period of 20 years from time of installation. See full warranty for details.

## **8. MAINTENANCE**

Strukturoc Wall Panels do not require maintenance. If cleaning is desired, the use of a pressure sprayer is suggested. If a change in panel color is needed, please contact your Strukturoc representative.

## **9. TECHNICAL SERVICE**

Technical service is available from Strukturoc. It is recommended that the Eagan, MN office be contacted for assistance on a specific job basis.

## **10. FILING SYSTEM**

Additional sample and product information will be made available upon request.

## **STRUKTUROC DISCLAIMER:**

Every effort has been made to ensure the accuracy of the above information and to avoid infringement of any patent or copyright. The information is based on field test by government and private agencies, as well as technical data from raw material manufacturers. The person(s) specifying or requesting the use of these products is responsible for assuring their suitability for a specific use, as well as the proper application of the product. Where there is any question as to the suitability of this product a small test sample is recommended.

STRUKTUROC is a trademark of TransAmerican STRUKTUROC™ Inc.

# STRUKTUROC WALL PANEL

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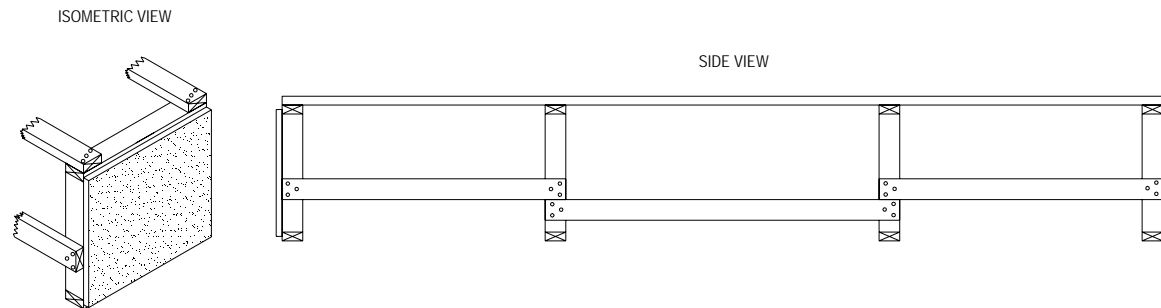
# STRUKTUROC WALL PANEL

## **JOB SITE STORAGE**

Wall Panels are shipped in wooden crates with a maximum of 19 panels per crate. Panels are placed vertically in the crate and should remain in this position until installed. Each crate is wrapped in protective reinforced plastic.

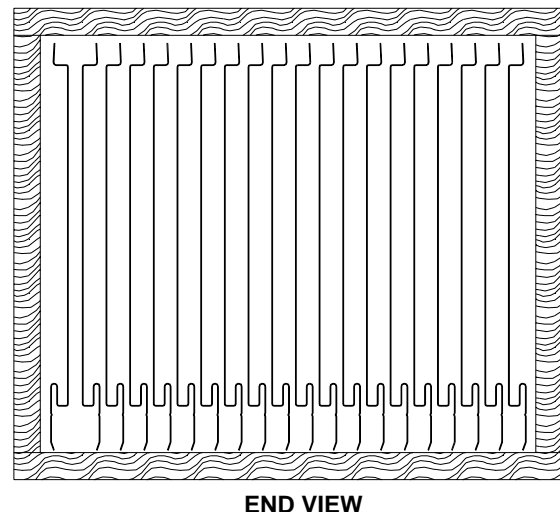
**Crates MUST be stored on level ground.**

### **IMPORTANT: Do Not Stack Crates On Site.**



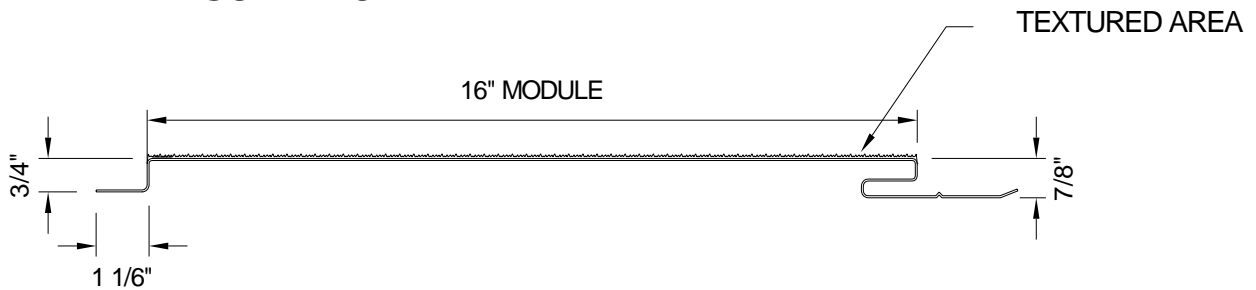
Panels and trims need to be stored properly prior to and during assembly. If they cannot be stored inside, they need to be protected from weather and or jobsite contaminants. The textured finish will withstand years of wear but mud or dirt could stain the finish causing you additional clean up so daily job site clean-up and proper storage is strongly recommended.

Panels are stacked on edge with foam blocks positioned to space panels apart so that the textured face of panel does not come in contact with other panels. **When storing these panels, this position must be maintained so surface damage does not occur.**



# STRUKTUROC WALL PANEL

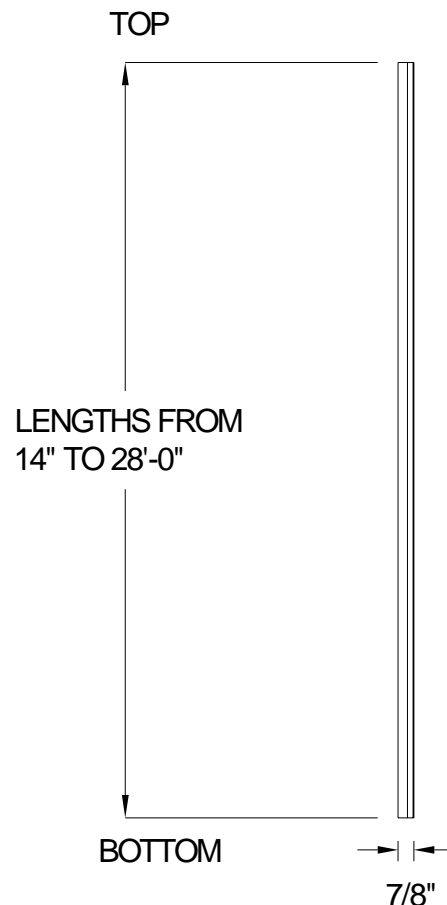
## **PANEL DESCRIPTION**



Wall Panels are fabricated from quality 20 ga. Galvanized steel, primed and painted with baked on base coat (both sides) that is specially formulated to adhere to the textured finish. Steel panels are then roll formed into a 16" wide panel. The textured finish is then factory applied and oven cured. The textured finish is an aggregate combination producing an attractive Textured finish. Panels are specially packaged to insure a consistent quality product ready to install.

Each panel is manufactured for your application. Panels can be manufactured in lengths ranging from 14" to 28'-0". Each panel has 16" face coverage with a  $2 \frac{5}{8}$ " screw flange on one edge and a  $1 \frac{1}{6}$ " lock flange on the other edge for an overall width of approximately 19".

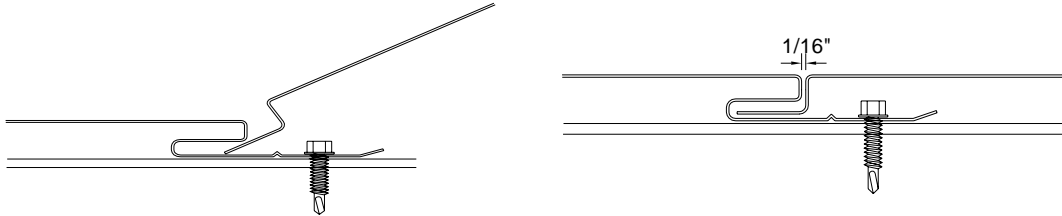
The top and bottom flange is finished with a single 90-degree flange. These formed ends allow the panel to nest (end to end) for stacking up a vertical wall and gives you the ability to utilize the panel for taller elevations when used with part # 140ST (Stacking Trim).



# STRUKTUROC WALL PANEL

## **ATTACHMENT METHODS**

Wall Panels are attached to girts with self-drilling hex head fasteners. Only one fastener per girt is required. It is important that spacing between panels be visually consistent. During panel erection, the tongue of panel being installed simply slides into the groove of installed panel. Panel will nest into position creating a uniform 1/16" spacing. It is important to recheck your panels and make sure that they are still level every 3 – 4 panels and keeping your 1/16" vertical spacing between every installed panel.



Installation techniques will vary depending on the insulation thickness being used. When no insulation is used or blanket insulation of 2" or less is being used, direct attachment of panel to the girt is standard.

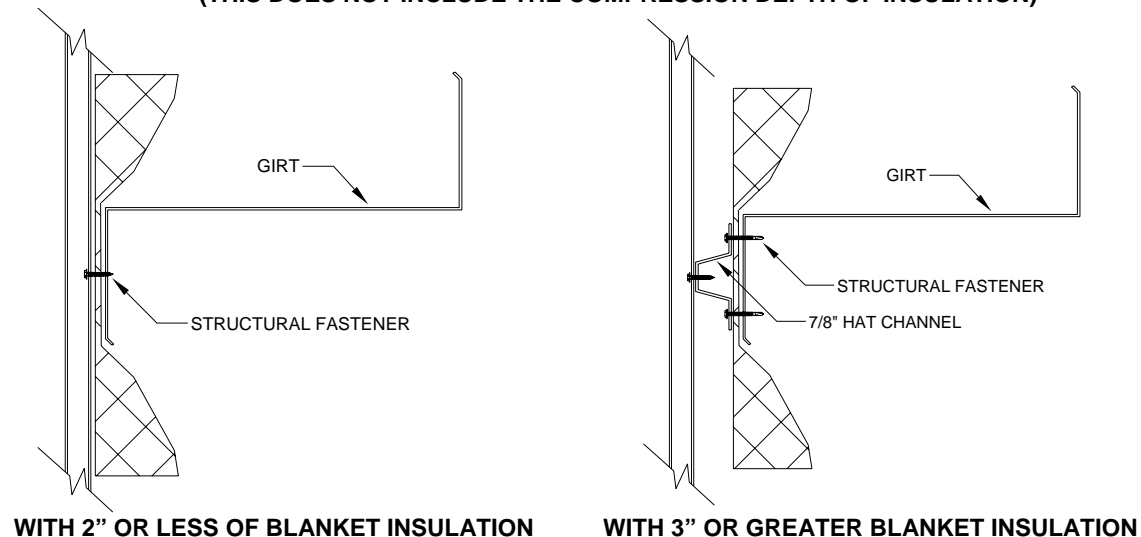
**IMPORTANT: Girt spacing should not exceed 5'- 0" on center.**

### **Important Note:**

**When using blanket insulation with a thickness of 3" – 4", a 7/8" hat channel is required. With insulation thickness of 5" to 6" a 1-1/2" hat channel is required. With the Wall Panels thickness being 5/8", installation of excessive insulation in the panel cavity will create unsightly bulges at the girt lines.**

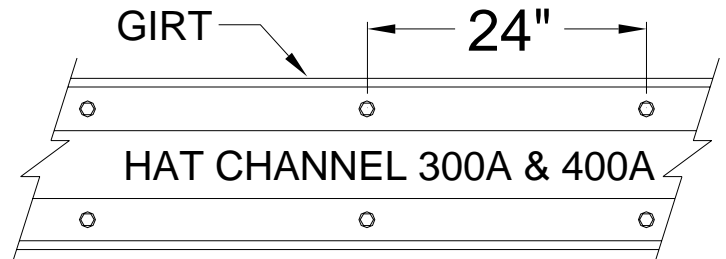
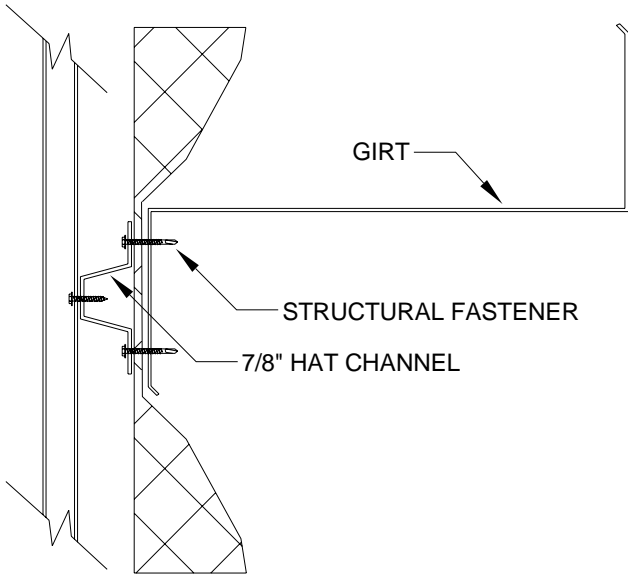
***"Use of hat channels is required and should not be ignored"***

**PLEASE NOTE: TOTAL DEPTH OF INSTALLED SYSTEM WITH 7/8" HAT CHANNEL IS 1-3/4"  
TOTAL DEPTH OF INSTALLED SYSTEM WITH 1-1/2" HAT CHANNEL IS 2-3/8"  
(THIS DOES NOT INCLUDE THE COMPRESSION DEPTH OF INSULATION)**

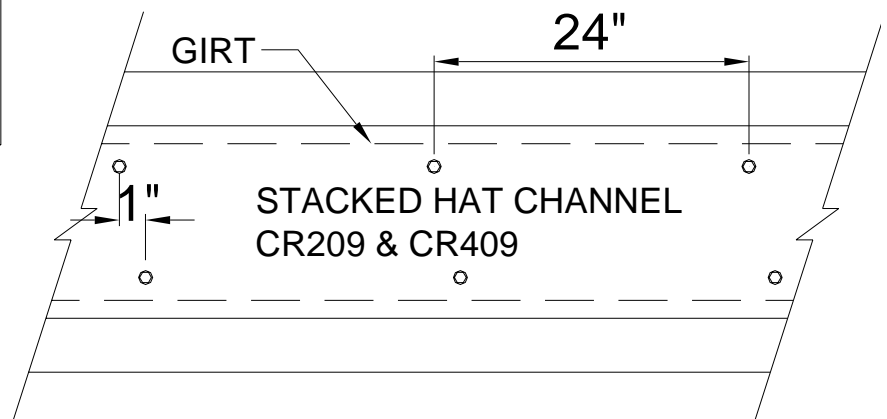
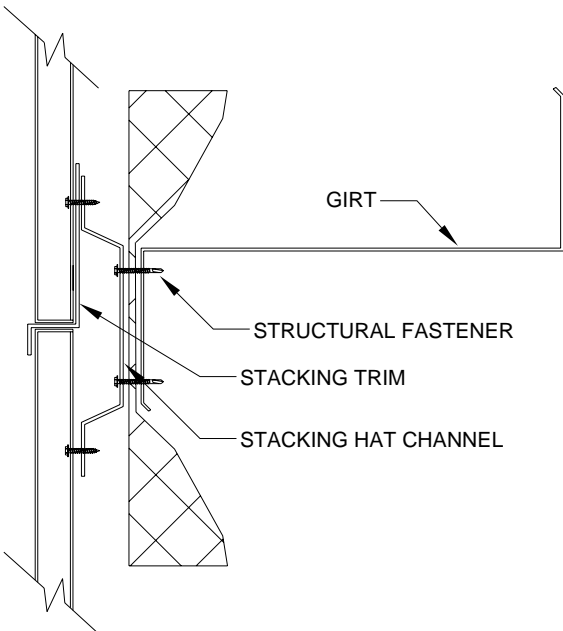


# STRUKTUROC WALL PANEL

## **HAT CHANNEL APPLICATIONS**

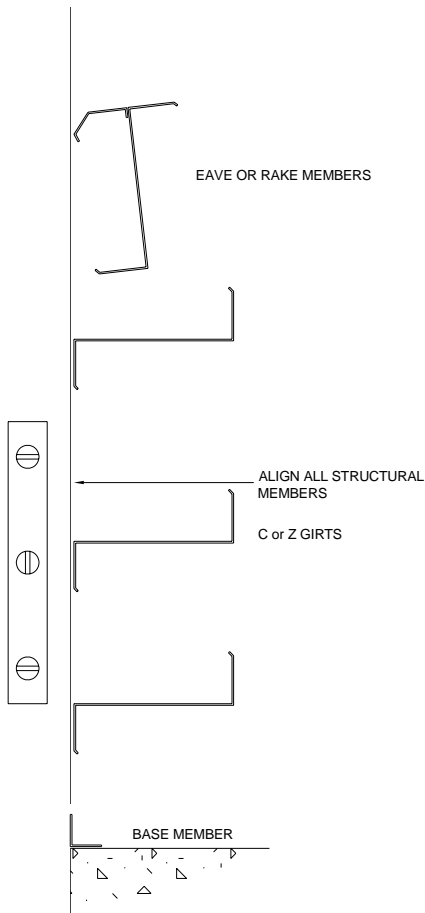


## **STACKED HAT CHANNEL APPLICATIONS**



# STRUKTUROC WALL PANEL

## **INSTALLATION TIP**



Before installing any panel, it is critical that all structural supports (base members, girts, eave and rake supports) be plumb and straight.

**Misaligned girts will cause oil-canning and distortion of the wall panels.** This step is more critical for flat wall panels than most other common metal wall panels because flat wall panels do not have corrugations to major ribs to break the monolithic appearance.

**IMPORTANT:** The maximum deviation from vertical plane of one girt to the next nearest girt should not exceed .25 inch.

**All panels formed from light gauge metal may exhibit waviness, also known as, “oil canning”, commonly occurring in, but not restricted to, flat portions of a panel. This inherent characteristic is not a defect of material or manufacturing and is not cause for rejection**

# STRUKTUROC WALL PANEL

## **REQUIRED TOOLS**

### **“Read before you start”**

Due to the special textured finish, it is very important to take extra care in handling the panels or trim during installation. Sliding panels together will scuff, discolor or damage the finish.

Wearing clean gloves, handling the panels by the edges and taking a little extra care will pay off producing a good clean finished wall.

### **RECOMMENDED TOOLS**

- 1) Cotton gloves or clean work gloves
- 2) Circular saw
- 3) Metal cutting hand shears
- 4) Hand seamer (4")
- 5) Carpenter's square
- 6) Rivet gun
- 7) Drill
- 8) Level (4' or 6')
- 9) Laser level (base trim installation)
- 10) Tape measure
- 11) Screw gun
- 12) Electric metal cutting shears
- 13) Special metal cutting blade (1 supplied)

## **CUTTING PANELS**

Careful planning and preparation should be taken when cutting the wall panels. DO NOT cut your panels directly next to the crated and uncrated wall panels. You should create a space away from the stored wall panels and trims to protect them from the flying metal shavings as the metal can become lodged into the finish and can cause rusting in the future. **If this happens there will be no warranty for the material.** The use of personal protection equipment (eye protection, long sleeved shirt, etc.) is also recommended.

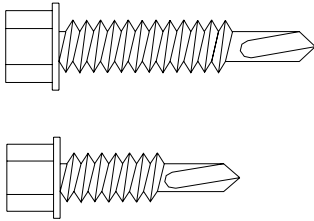
The use of some plywood sheeting is recommended to cover and protect the wall panel that you are planning to cut. The plywood should be used as your guide for the circular saw when cutting the panels as the saw base plate can damage the surface of the wall panel.

It is very important that you let the supplied cutting blade do the work for you. Failure to do so will cause premature failure of the saw blade and will cause the finished area of the panel to discolor.



# STRUKTUROC WALL PANEL

## **PANEL FASTENER**



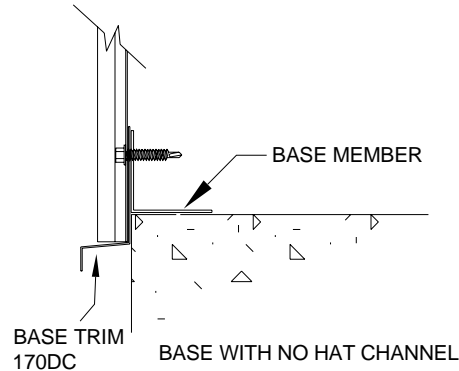
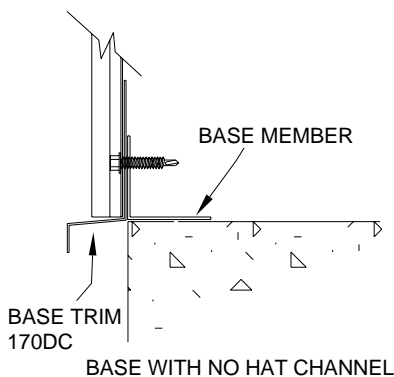
When attaching the Wall Panels directly to girt, a #12 x 1-1/4" (T-3) HWH self-drilling screw is recommended.

This same screw is used to attach hat channel sections to girt. Panel attachment to hat channel requires #14 x 3/4" (T-1) HWH self-drilling screw used for sheet to sheet attachment.

**Note:** Unless specified in quotation, panel fasteners are not supplied.

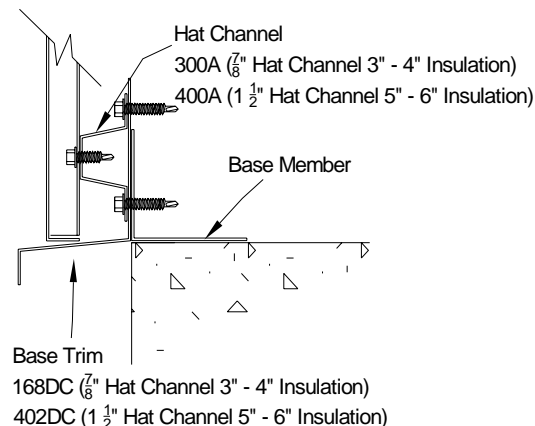
## **BASE OPTIONS**

When using the Wall Panel without blanket insulation or with blanket insulation that is 2" or less in thickness, the base trim and panel will sit flush with the building line or edge of slab.



The most commonly used method when using the Wall Panel with a blanket insulation that is 3" – 6" in thickness is shown below.

**NOTE:** Recommended method of installing base trim is with the use of a laser base transit, leveling each 12' section individually can create inconsistent spacing where panel meets trim. If adjustments need to be made, adjust several panels until desired result. Too much adjustment in a single panel will be noticeable.



**NOTE:** Mitered trim corners are not available and must be fabricated in the field.

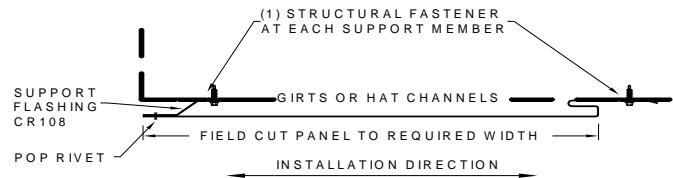
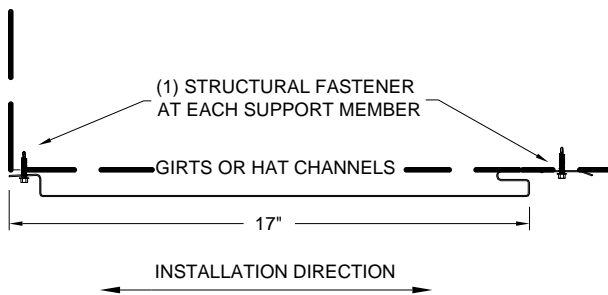
# STRUKTUROC WALL PANEL

## **STARTING PANEL INSTALLATION**

Depending on the panel placement for your elevation, you may be required to field cut the first panel to a special width or you may be able to start with a full-uncut panel.

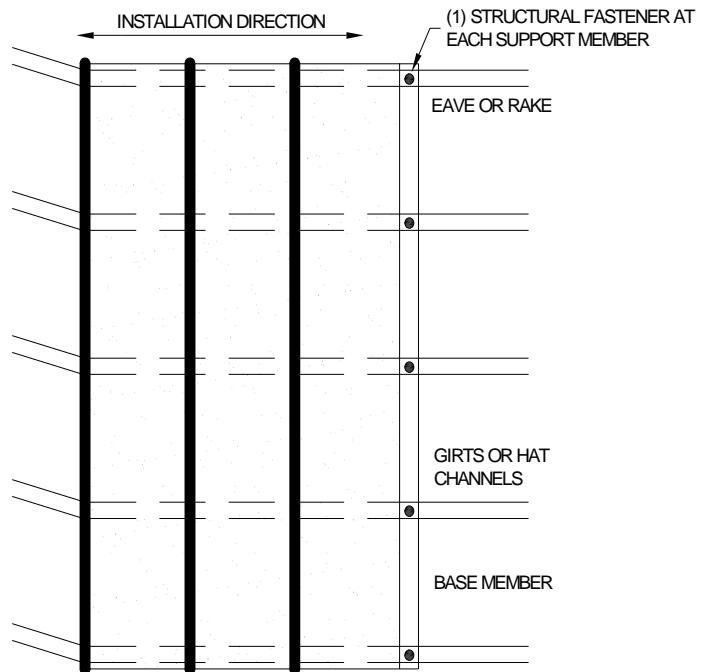
The detail on the left can be used when the length of the wall can be divided by 1.33" fairly evenly. The detail on the right is for all other conditions, conditions when a balanced look is required for an odd length wall. When cutting is required, electric shears or the use of the supplied metal cutting blade are recommended.

**NOTE:** Panels can be installed starting from left or right side of elevation as preferred.



### **NOTE:**

The use of lightweight gloves are always recommended to help keep installed panels clean as well as to protect the hands from the abrasive finish.



➤ See page 13 for the center-to-center support spacing table.

# STRUKTUROC WALL PANEL

## CENTER-TO-CENTER SUPPORT SPACING TABLE

**Table 1: Allowable Uniform Pressures**  
ALLOWABLE UNIFORM WIND PRESSURE<sup>1,3,4,5</sup>, PSF  
(POSITIVE/NEGATIVE)

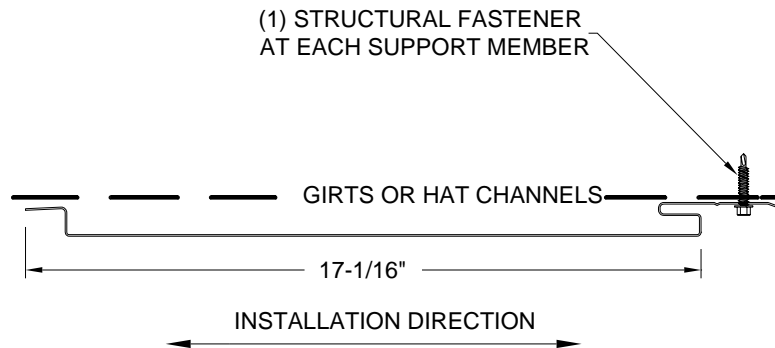
Support Condition	Center-to-Center Support Spacing <sup>2,4</sup>										
	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"
1 Span	+/-60	+/-55	+/-43	+/-34	+/-25	+/-19	+/-15	+/-11	--	--	--
2 Span	+/-60	+/-54	+/-42	+/-34	+/-27	+/-23	+/-19	+/-16	+/-14	+/-12	+/-11
3 Span	+/-60	+/-60	+/-52	+/-41	+/-34	+/-28	+/-24	+/-20	+/-17	+/-14	+/-12
4 Span	+/-60	+/-60	+/-49	+/-39	+/-32	+/-26	+/-22	+/-19	+/-16	+/-14	+/-12

1. Tabulated pressures are taken as the lesser value determined based on bending, shear, combined bending plus shear, deflection, and web crippling in accordance with the 2001 AISI Cold Formed Steel Specification. Furthermore, the maximum calculated pressure was limited to the allowable test pressures obtained using ASTM E330-02, as outlined in NTA Report TAS111504-19.
2. Maximum panel length limited to 24 feet.
3. Deflection limit of L/120 is not exceeded under the pressures above.
4. Panels must be secured to a *Strukturoc Hat-Channel Support* at each support location. Connections must be designed by others for the required loads, but the fasteners used shall not be less than (1) 1/4x7/8-in. self drilling screws into each flange of the hat-channel. Hat-channel must be fully supported by a purlin or girt. Fasteners must also be provided along panel seams for panels within 3 feet of any corner, as specified in NTA Report TAS111504-19.
5. The wind load is permitted to be taken as 0.7 times the "component and cladding" loads for the purpose of determining deflection limits (Ref. FBC Table 1604.3, note f).

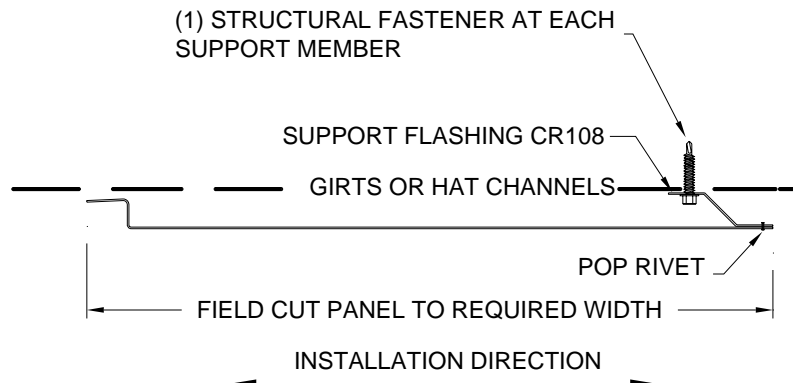
## ENDING PANEL INSTALLATION

Similar to the starter panels, you may or may not end the panel run with a full width panel. The necessary parts and cutting details are similar.

### FULL PANEL

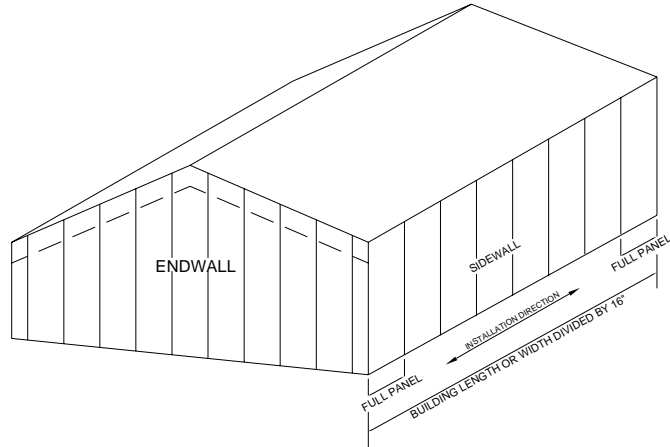


### FIELD CUT PANEL



# STRUKTUROC WALL PANEL

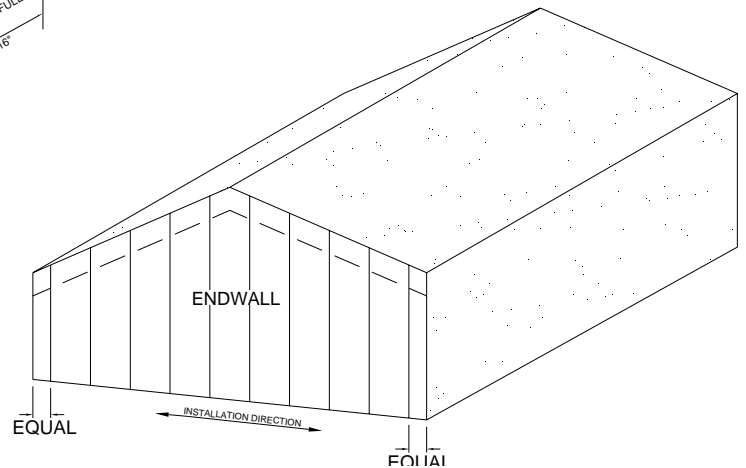
## **INSTALLATION PROCEDURES**



**IMPORTANT:** Do not attempt leveling each individual piece of base trim. The smallest difference from one piece to the next can make it extremely difficult to maintain a uniform line where the panel meets the base trim.

**Note:** End wall panels are not supplied to pitch of roof. The Panels will need to be cut in the field.

When the building length or width can be divided by an even number of 16" wide, beginning with a full panel may be preferred.



### **"Installation Tip"**

It is strongly recommended that before ordering or installing Textured Wall Panels, the layout or module of the 16" wide panels should be evaluated for appearance. Because the panels can only be installed from left to right, field cutting on the first and last panel may help in providing a symmetrical layout of the panels.

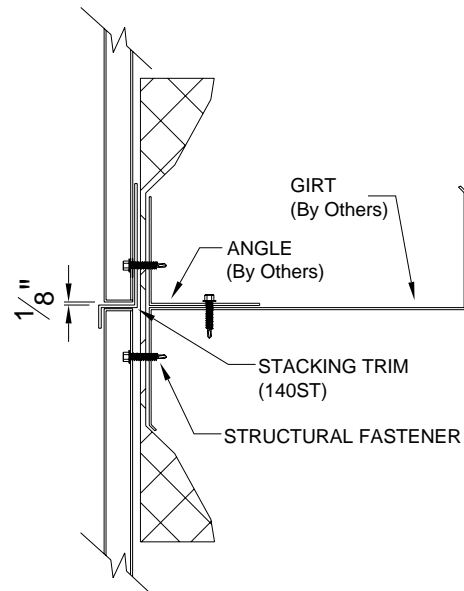
# STRUKTUROC WALL PANEL

## **STACKING PANELS**

When the required Wall Panel length exceeds the maximum 28' production capability, a horizontal splice will be required. This splice needs to be placed at a horizontal support location in order to secure the top of the lower panel and the bottom of the upper panel. Generally, on a pre-engineered steel building, not utilizing Hat Channel, a support angle attached to the girt will be required as shown below.

The lower panel requires part # 140ST which creates a vertical leg that extends above the face of the panel. The upper panel overlaps this vertical leg. When seated, the horizontal gap will have same appearance as vertical. Sealants are not required at horizontal laps and are not supplied. If the customer / builder deems it necessary to use sealants at the joints it is their responsibility to purchase the sealant on their own from a third party.

**NOTE:** Applications utilizing Hat Channels will use part # CR209 or CR409 that eliminates the need for a support angle.

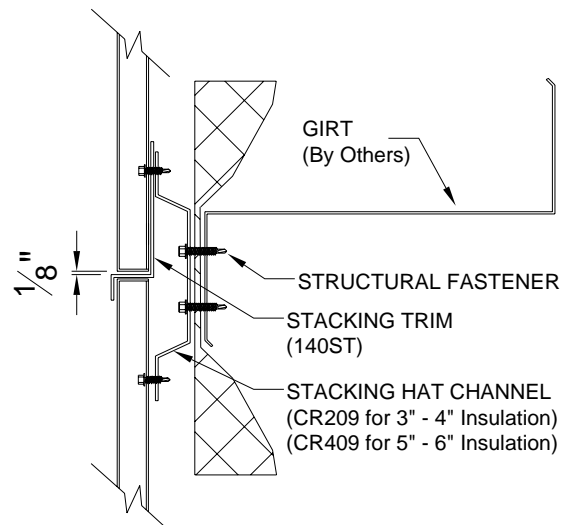


## **STANDARD**

### ***End walls***

Panels located on end-walls are cut to desired pitch in the field. Panels can be cut one at a time at ground level or multiple panels can be installed projecting past eave and can be cut with the ordered special cutting blade installed in the circular saw.

**NOTE:** This method offers a faster installation and requires an additional person to keep cut panel from falling to the ground. This method can cause the metal shavings to stick to the panel surface. The metal shavings **MUST** be removed so the metal shavings do not rust.



## **WITH HAT CHANNEL**

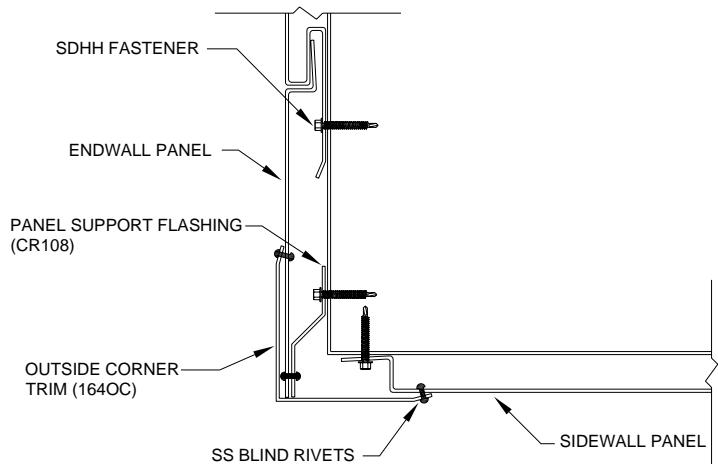
# STRUKTUROC WALL PANEL

## ***OUTSIDE AND INSIDE CORNERS***

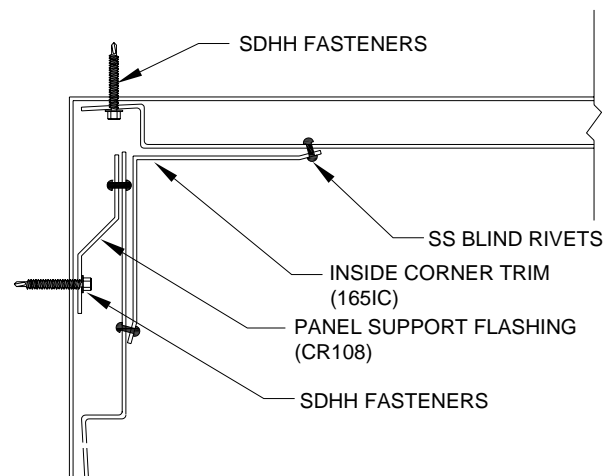
Outside and inside corners are simply attached to the wall panel with blind rivets at approximately 2'-0" on center along each side of the corner. All trims are supplied in 12'-0" lengths. When a length of greater than 12'-0" is required, multiple pieces and a 2" lap is required.

**Note:** Field painting of the blind rivets will be required. Rivets and touch up paint are furnished with each Textured Wall Panels project. Placement of rivet should be in beveled edge of corner to eliminate undesirable cupping of trim.

### **OUTSIDE CORNER**



### **INSIDE CORNER**





# STRUKTUROC WALL PANEL

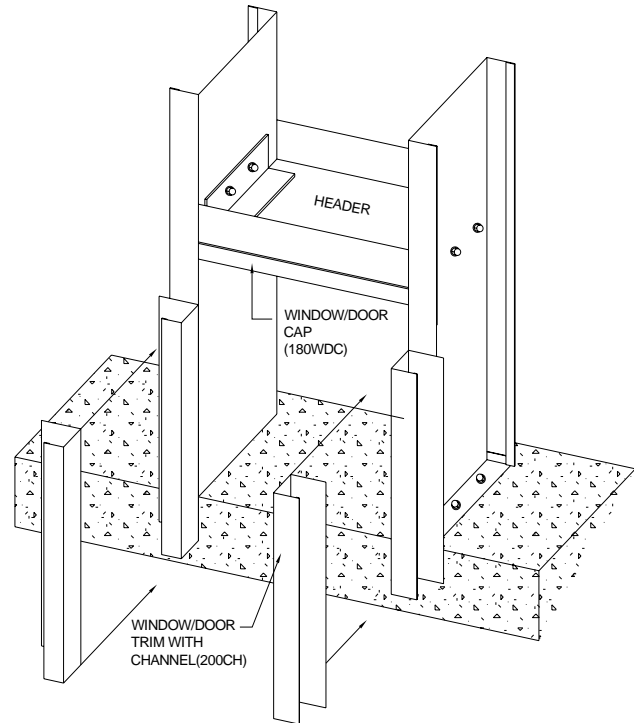
## **DOOR FRAMED OPENINGS**

### **Step #1**

The jamb trims are installed at the opening sides and should follow from the bottom of the opening to the bottom of the header.

The cap trim is installed running from outside edge to outside edge of the jamb trims.

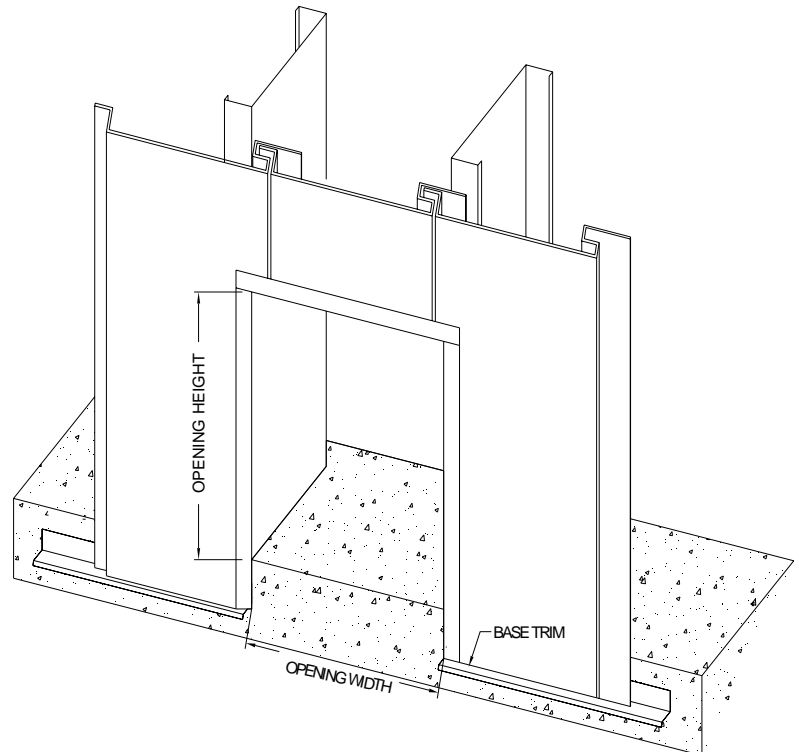
Support flashing (CR108) is added to the outside of the building's jambs to reinforce the cut edge of the panel when the opening exceeds 4' tall.



### **FRAMING**

### **Step #2**

Once the Sub Jambs are in place, the Textured Wall Panel may be installed. Cut panels will simply slide into J-channel between Support flashing and backside of J-channel. No fasteners are required at the cut panel side.



### **SHEETING**

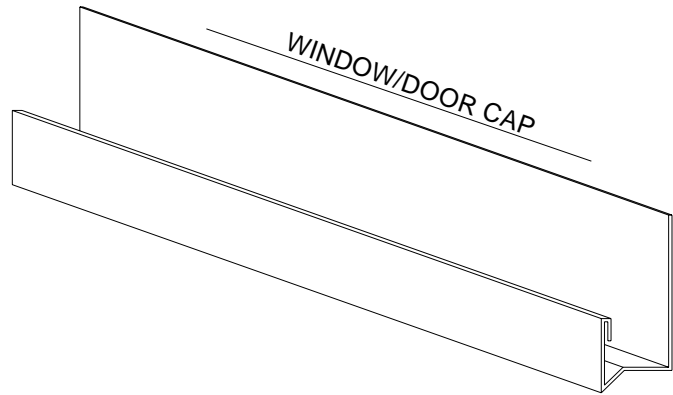
# STRUKTUROC WALL PANEL

## **DOOR FRAMED OPENING TRIMS**

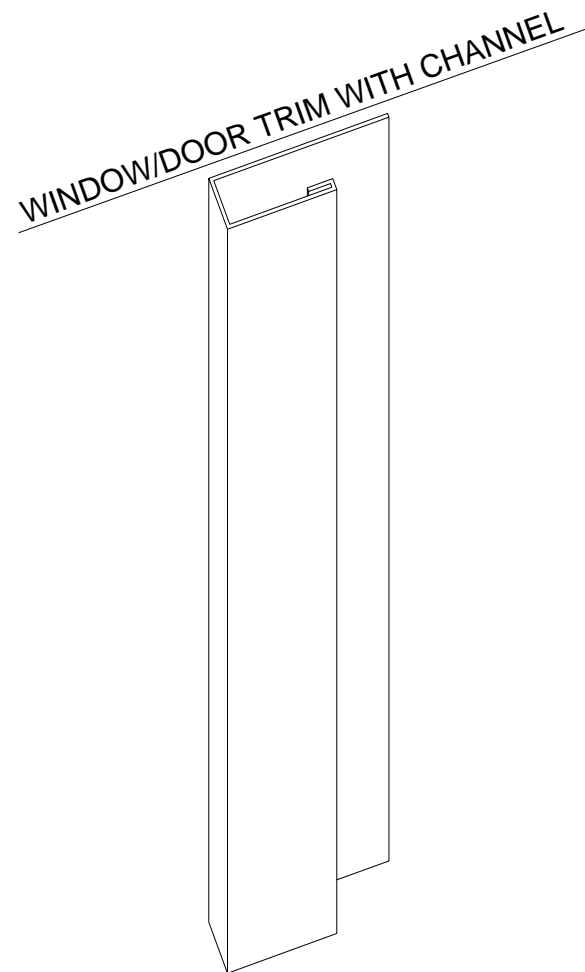
### **Step #3**

#### **Cutting Trims**

The following parts are supplied to match the Wall Panels finish for door frame openings. Always double check your measurements before cutting trims.



180WDC-2 WITHOUT HAT CHANNEL  
180WDC WITH 7/8" HAT CHANNEL (3" – 4" INSULATION)  
404WDC WITH 1 1/2" HAT CHANNEL (5" – 6" INSULATION)



**Important: After cutting the trim, make certain metal shavings are removed from all surfaces. Inadequate removal could cause rust, creating stains in product finish.**

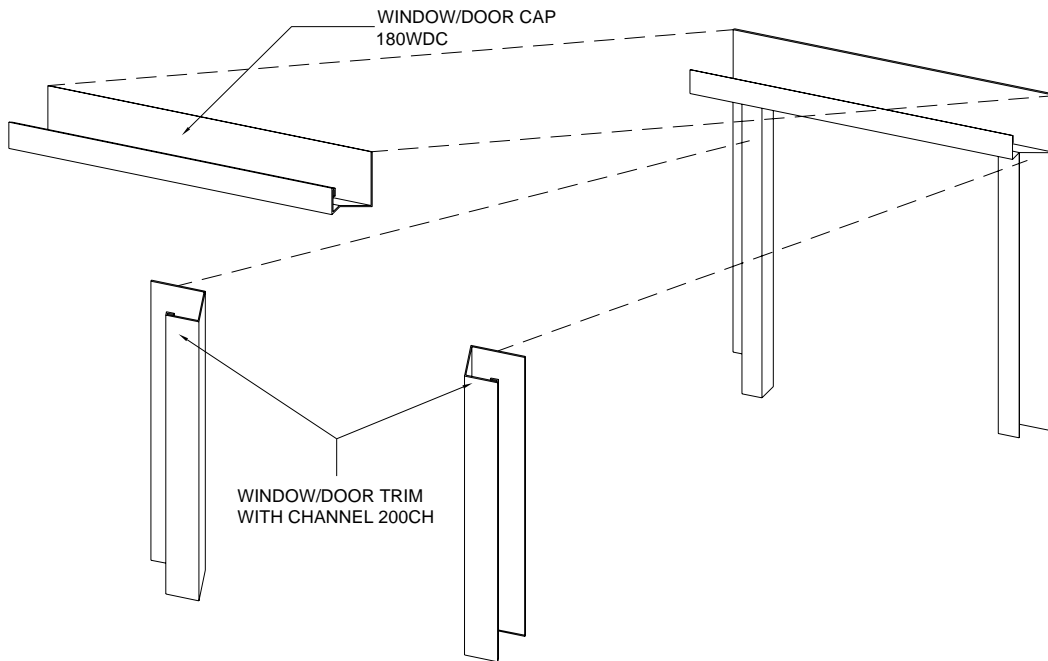
250CH WITHOUT HAT CHANNEL  
200CH WITH 7/8" HAT CHANNEL (3" – 4" INSULATION)  
403CH WITH 1 1/2" HAT CHANNEL (5" – 6" INSULATION)

# STRUKTUROC WALL PANEL

## ***Door Framed Opening trims***

### **Step #4**

#### **Installing Trims**



**NOTE:** Overall window/door cap should equal distance from outside edge to outside edge of the installed J-Channel.

**RECOMMENDATION:** When next panel installed overlaps opening, mark at top of installed J-Channel. With saw, notch panel to depth equal to face width of channel. Install panel and slide cap into notch. Secure cap to frame, treat notch with touch-up paint.

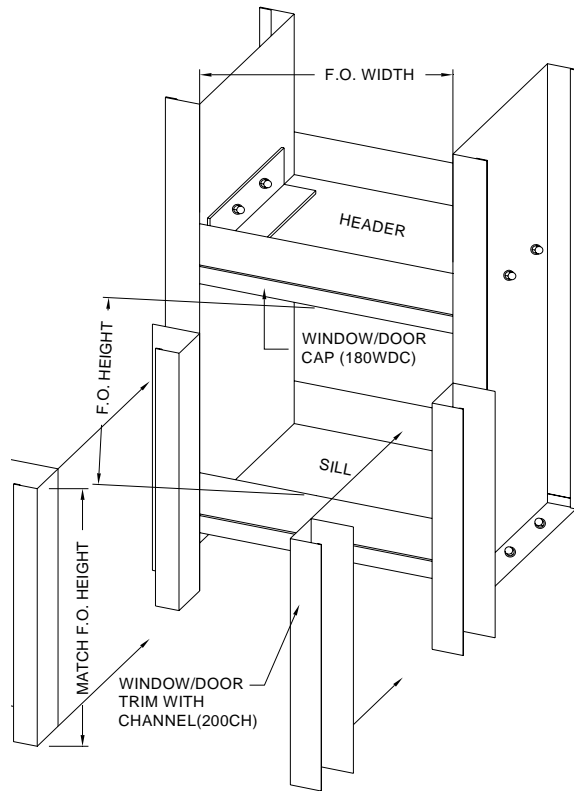
# STRUKTUROC WALL PANEL

## **WINDOW FRAMED OPENINGS**

### **Step #1**

The jamb trims are installed at the opening sides should follow from the bottom of the opening to the bottom of the header. The lower sill should run the width of the opening to the outside edges of the side jambs.

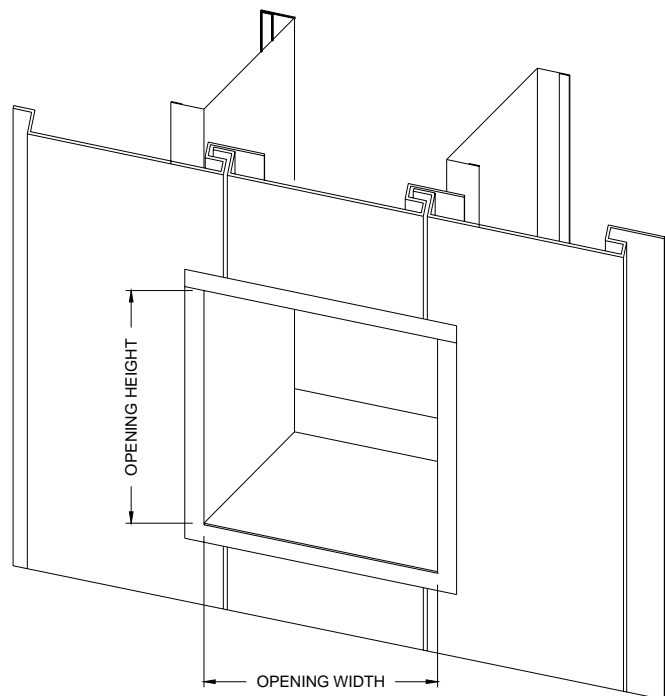
Support Flashing (CR108) is added to the outside of the buildings jamb to reinforce the cut edge of the panel when the opening exceeds 4' tall.



### **F RAMING**

### **Step #2**

Once the jambs, lower sill and drip cap are in place the wall panels can be installed.



### **SHEETING**

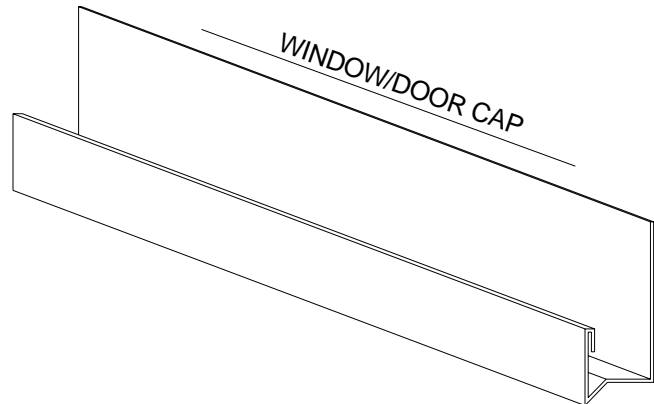
# STRUKTUROC WALL PANEL

## **WINDOW FRAMED OPENING TRIMS**

### **Step #3**

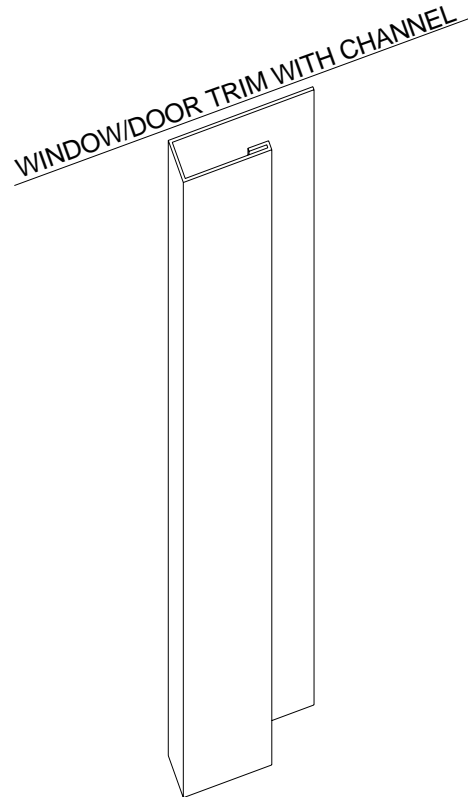
#### **Cutting Trims**

The following parts are supplied to match the Textured Wall Panels finish for window frame openings. Always double check your measurements before cutting trims.



180WDC-2 WITHOUT HAT CHANNEL  
180WDC WITH 7/8" HAT CHANNEL (3" – 4" INSULATION)  
404WDC WITH 1 1/2" HAT CHANNEL (5" – 6" INSULATION)

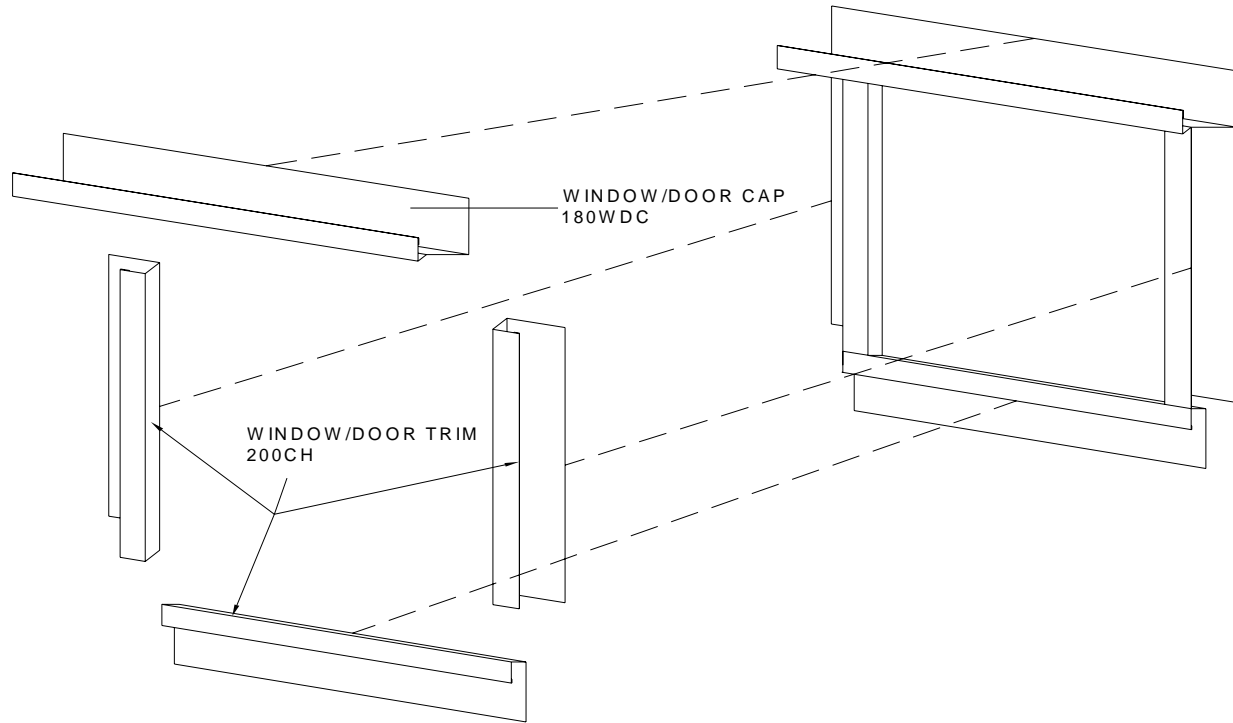
**Important: After cutting the trim, make certain metal shavings are removed from all surfaces. Inadequate removal could cause rust, creating stains in product finish.**



250CH WITHOUT HAT CHANNEL  
200CH WITH 7/8" HAT CHANNEL (3" – 4" INSULATION)  
403CH WITH 1 1/2" HAT CHANNEL (5" – 6" INSULATION)

# STRUKTUROC WALL PANEL

## **WINDOW FRAMED OPENING TRIMS**



**NOTE:** Overall window/door cap should equal distance from outside edge to outside edge of the installed J-Channel.

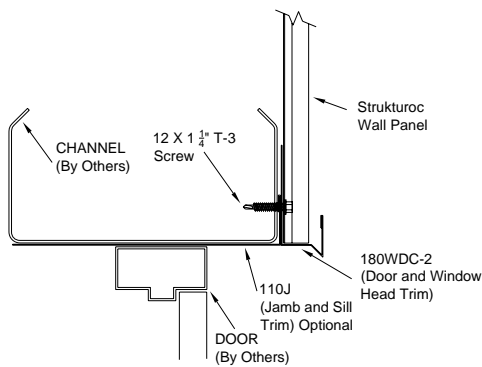
**RECOMMENDATION:** When next panel installed overlaps opening, mark at top of installed J-Channel. With saw, notch panel to depth equal to face width of channel. Install panel and slide cap into notch. Secure cap to frame, treat notch with touch-up paint.



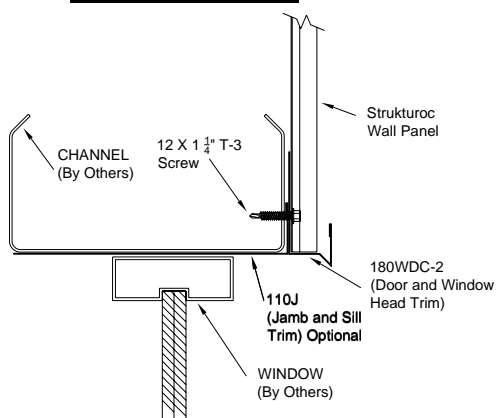
# STRUKTUROC WALL PANEL

## ***INSET DOOR & WINDOW CONDITION WITHOUT HAT CHANNEL***

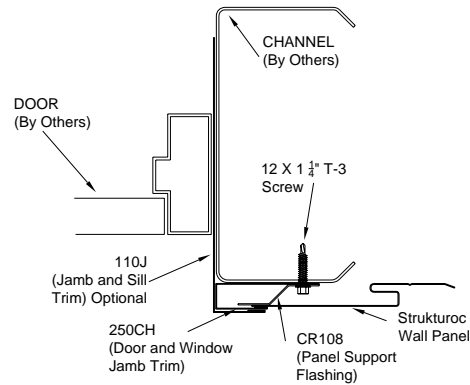
Inset window condition requires the use of a sill cover. The cover extends from the window frame out to the face of the installed J-channel and has a 90° bend down over a portion of the J-channel face. This eliminates the use of caulk where the J-channel meets the sub frame. Side and top jamb covers are optional.



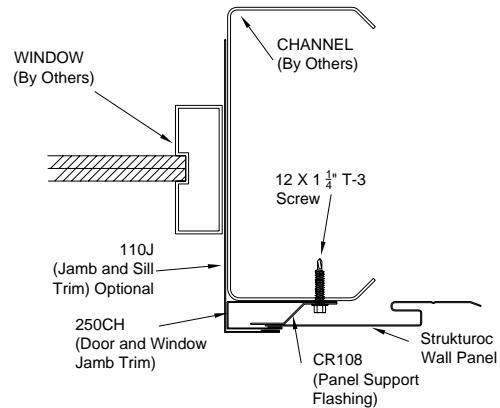
### ***DOOR HEAD***



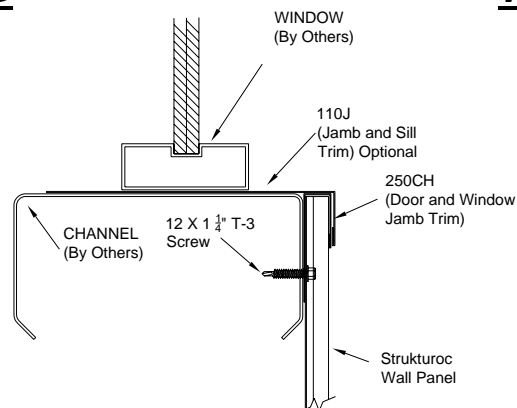
### ***WINDOW HEAD***



### ***DOOR JAMB***



### ***WINDOW JAMB***



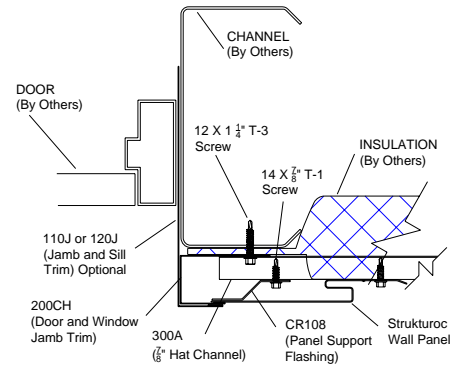
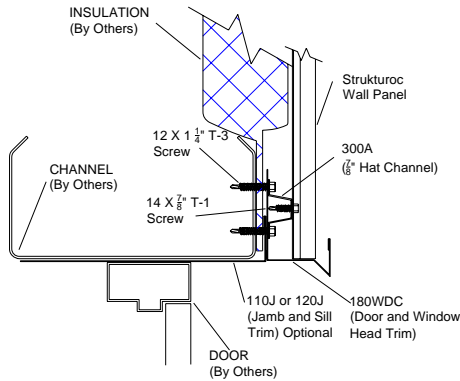
### ***DOOR / WINDOW SILL***

**NOTE:** All jamb and sill trim is 8" in depth unless otherwise requested

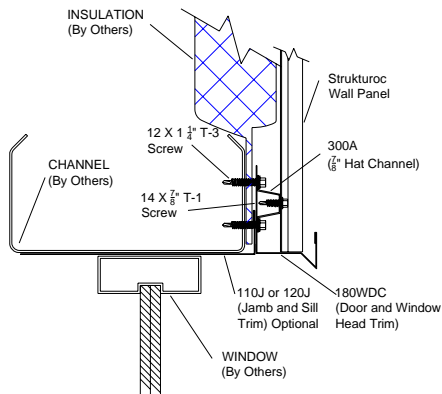
# STRUKTUROC WALL PANEL

## ***INSET DOOR & WINDOW CONDITION WITH HAT CHANNEL***

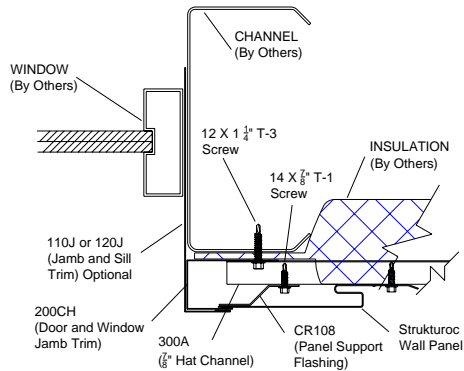
Inset window condition requires the use of a sill cover. The cover extends from the window frame out to the face of the installed J-channel and has a 90° bend down over a portion of the J-channel face. This eliminates the use of caulk where the J-channel meets the sub frame. Side and top jamb covers are optional.



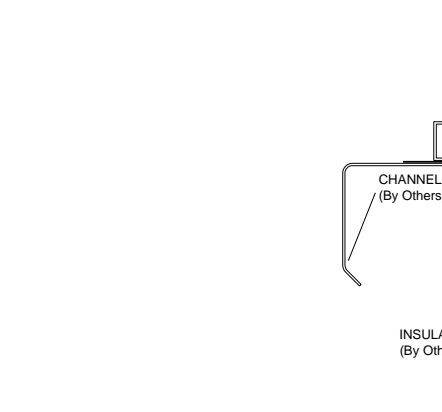
### ***DOOR HEAD***



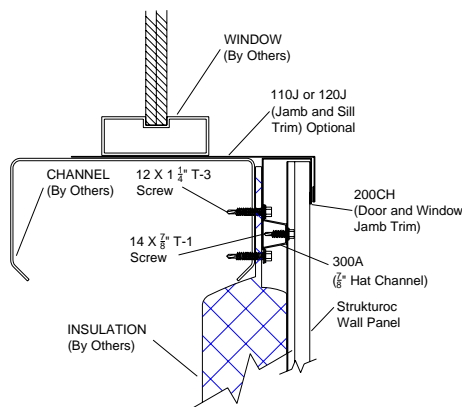
### ***DOOR JAMB***



### ***WINDOW HEAD***



### ***WINDOW JAMB***



### ***DOOR / WINDOW SILL***

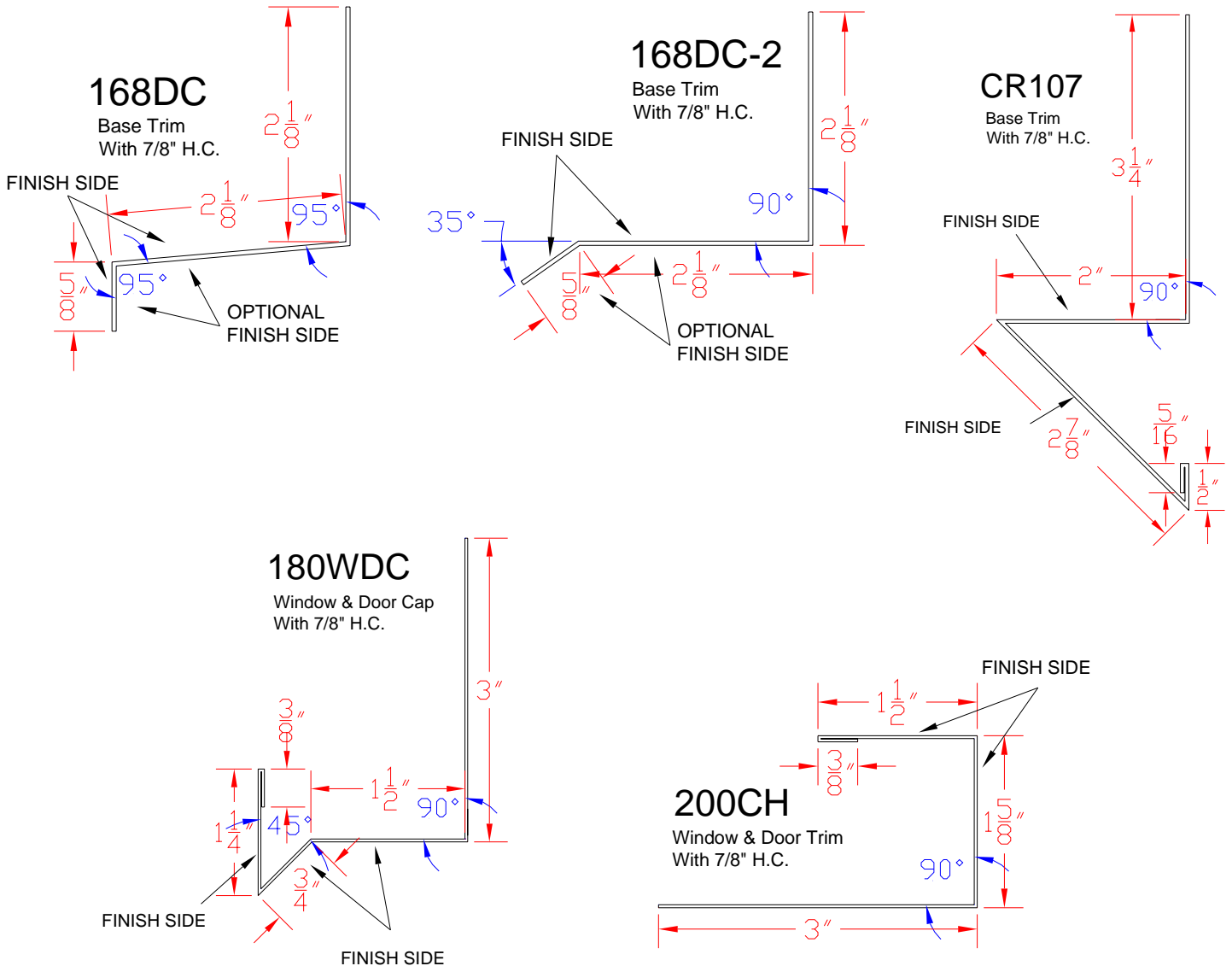
**NOTE:** All jamb and sill trim is 8" in depth unless otherwise requested

# STRUKTUROC WALL PANEL

## **COMMON TRIMS—"WITH 7/8" HAT CHANNELS"**

Several standard trims have been developed to maximize system appearance. These trims are made of 20 ga. and 24 ga. material. All trims are 12'-0" in length. Trims are factory formed to shape before the textured finish is applied. All standard trims match the siding color and texture.

**Note:** *Blind rivets must be field painted with factory-supplied paint.*

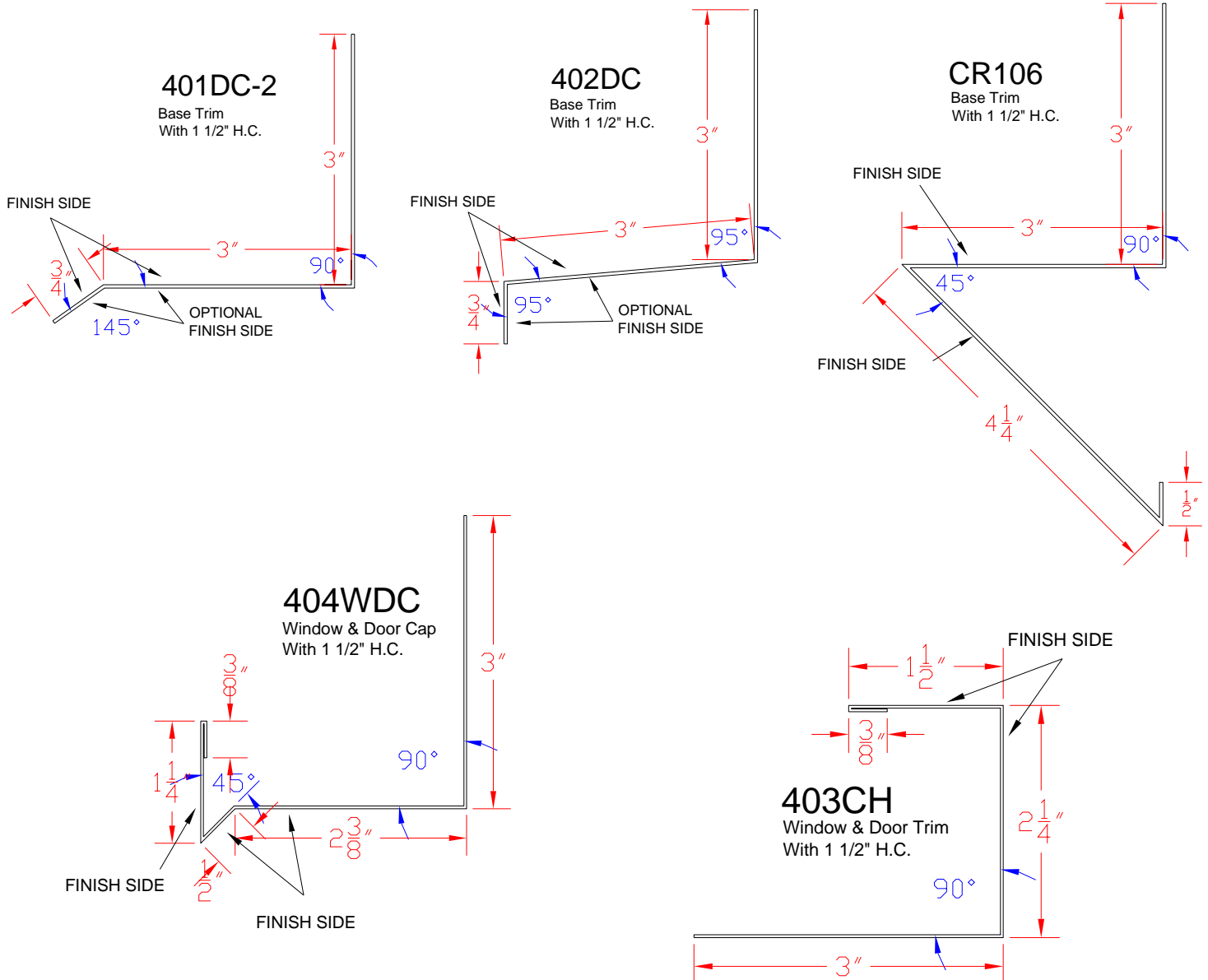


# STRUKTUROC WALL PANEL

## COMMON TRIMS-“WITH 1-1/2” HAT CHANNELS”

Several standard trims have been developed to maximize system appearance. These trims are made of 20 ga. and 24 ga. Galvanized material. Trims are factory formed to shape before the textured finish is applied. All standard trims match the siding color and texture and are provided at 12' 0" long.

**Note:** *Blind rivets must be field painted with factory-supplied paint.*

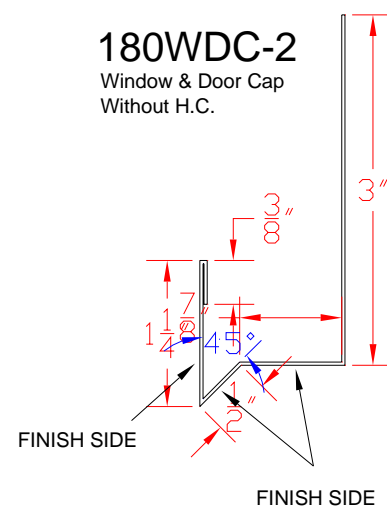
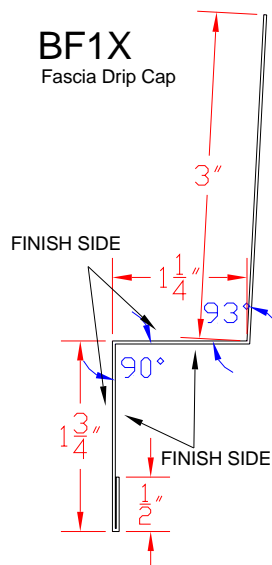
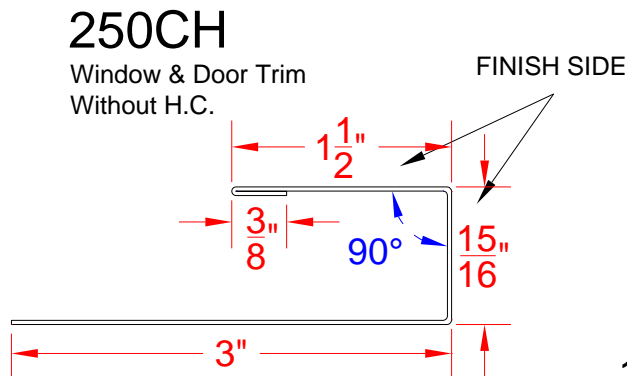
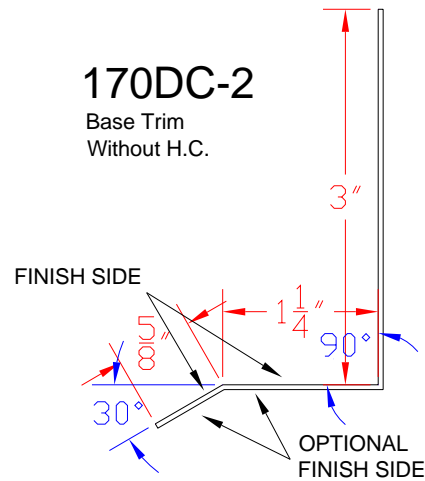
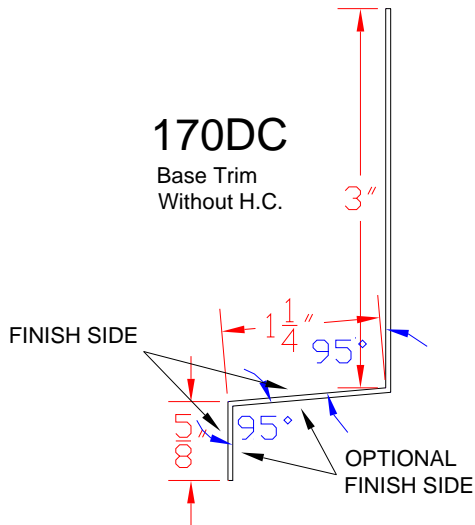


# STRUKTUROC WALL PANEL

## **COMMON TRIMS-“WITHOUT HAT-CHANNELS”**

Several standard trims have been developed for application not utilizing Hat-Channel. These trims are made of 20 ga. and 24 ga. Galvanized material. Trims are factory formed to shape before the textured finish is applied. All standard trims match the siding color and texture and are provided at 12' 0" long.

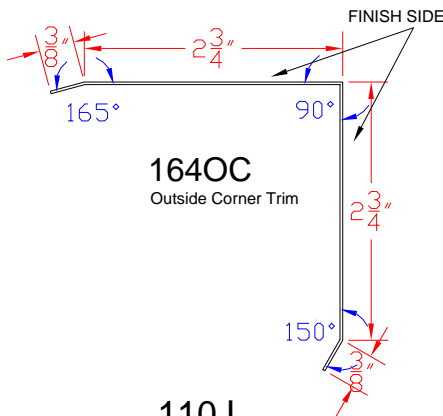
**Note:** *Blind rivets must be field painted with factory-supplied paint.*



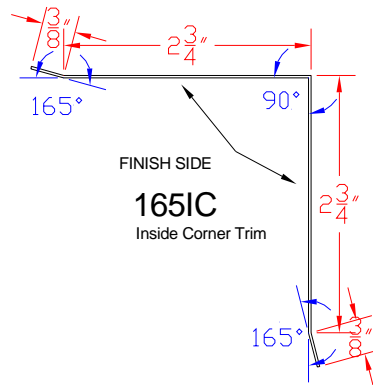
# STRUKTUROC WALL PANEL

## **COMMON TRIM - "UNIVERSAL"**

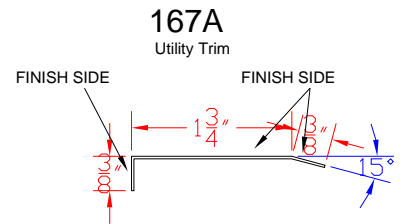
Several standard trims have been developed to maximize system appearance. These trims are made of 20 ga. and 24 ga. Galvanized material. Trims are factory formed to shape before the textured finish is applied. All standard trims match the siding color and texture and are provided at 12' 0" long.



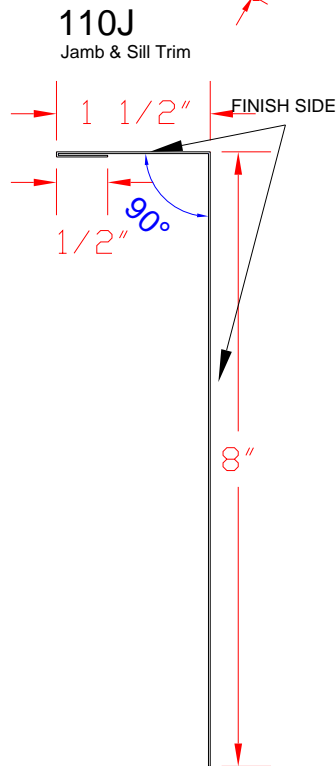
**1640C**  
Outside Corner Trim



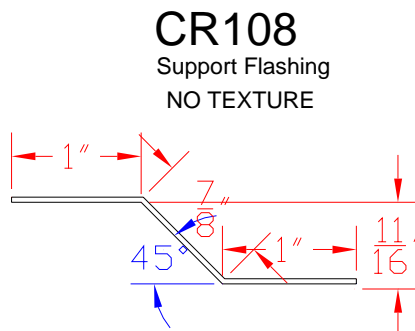
**1651C**  
Inside Corner Trim



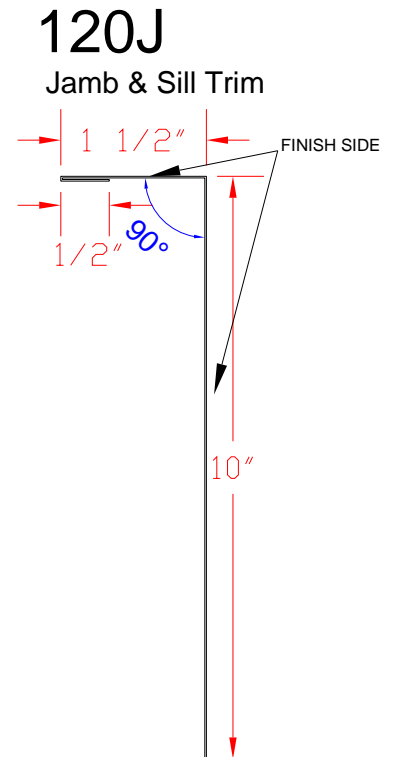
**167A**  
Utility Trim



**110J**  
Jamb & Sill Trim



**CR108**  
Support Flashing  
NO TEXTURE



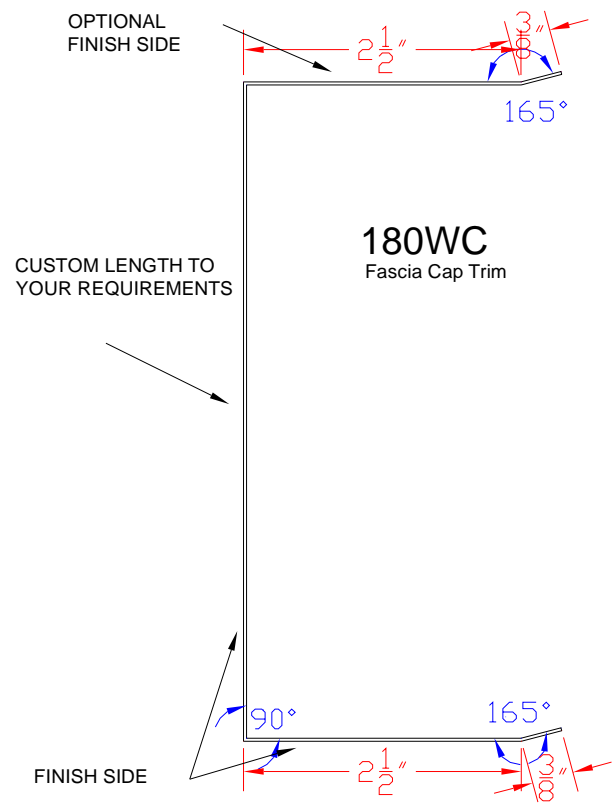
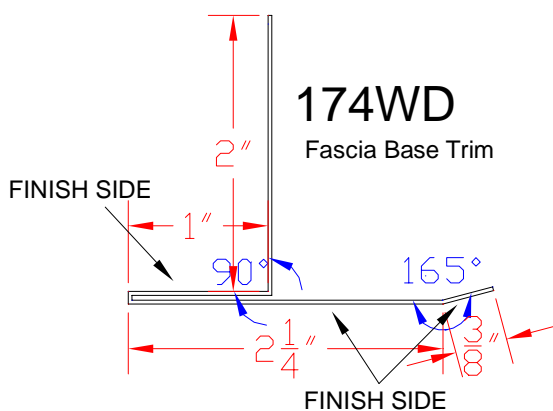
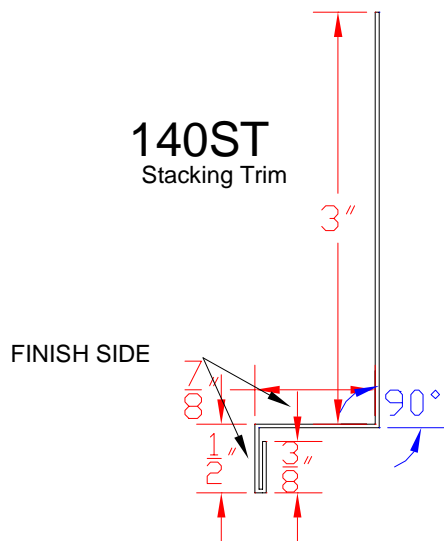
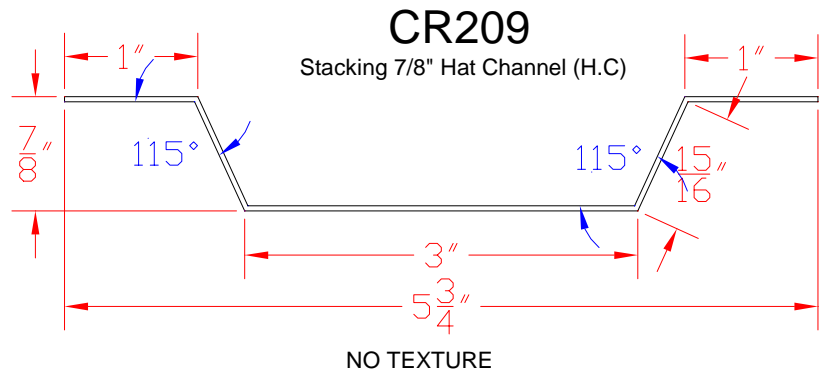
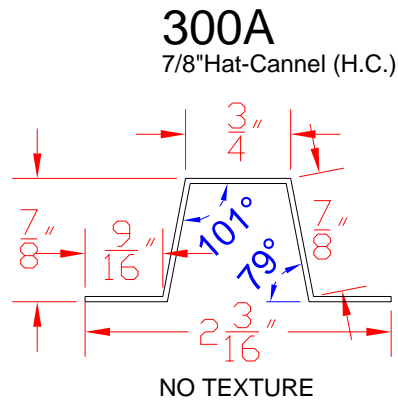
**120J**  
Jamb & Sill Trim



# STRUKTUROC WALL PANEL

## COMMON TRIMS- "7/8" HAT-CHANNELS, STACKING TRIM & FASCIA BASE TRIM"

Several standard trims have been developed to maximize system appearance. These trims are made of 20 ga. and 24 ga. Galvanized material. Trims are factory formed to shape before the textured finish is applied. All standard trims match the siding color and texture and are provided at 12' 0" long.



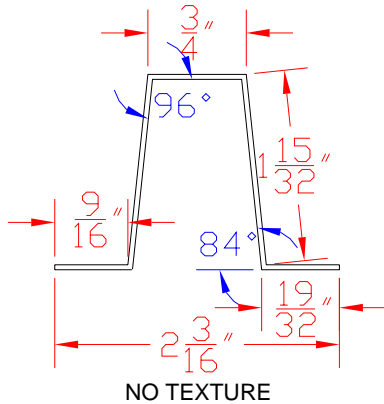
# STRUKTUROC WALL PANEL

## COMMON TRIMS--“ 1-1/2” HAT-CHANNELS

Several standard trims have been developed to maximize system appearance. These trims are made of 20 ga. and 24 ga. Galvanized material. Trims are factory formed to shape before the textured finish is applied. All standard trims match the siding color and texture and are provided at 12' 0" long.

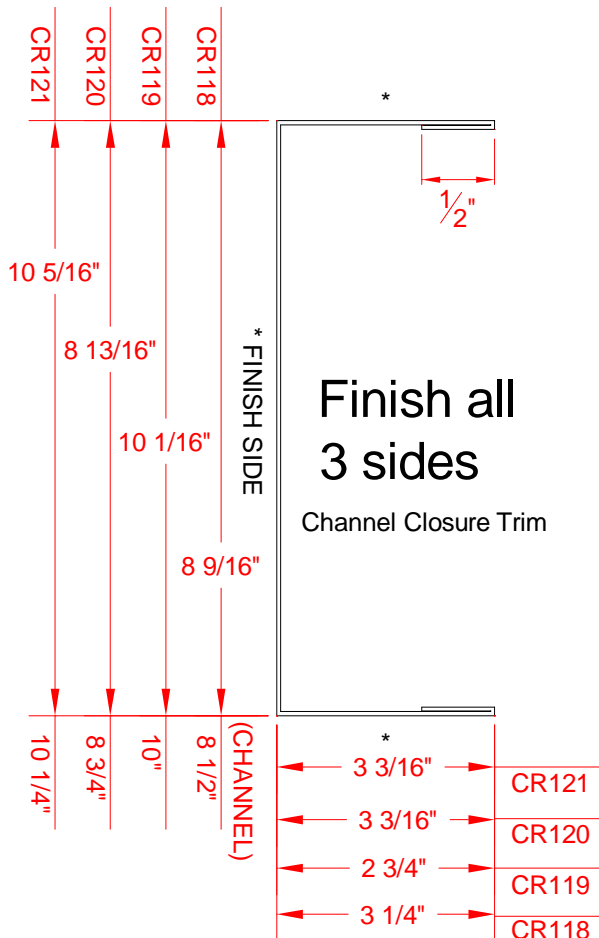
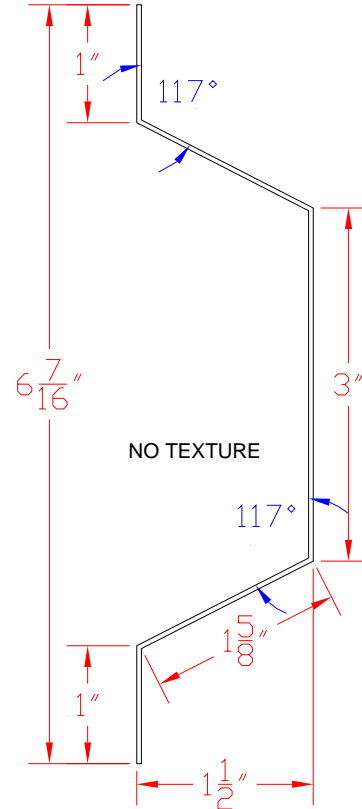
### 400A

1 1/2" Hat-Channel (H.C.)



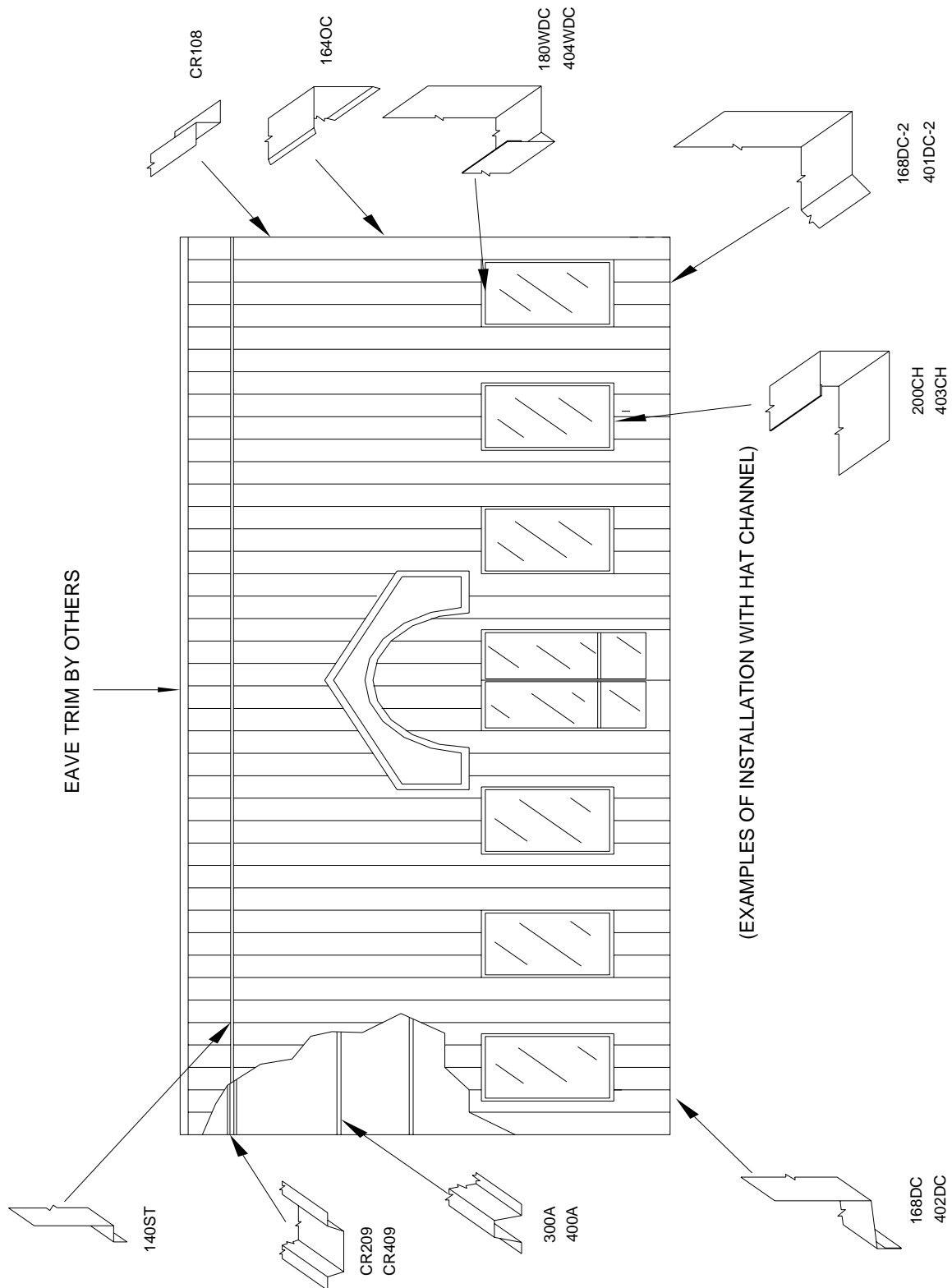
### CR409

STACKING 1 1/2" HAT CHANNEL #CR409



# STRUKTUROC WALL PANEL

## TRIM LOCATIONS



## STRUKTUROC WALL PANEL

### **Surface Cleaning Procedures**

In the event that dirt, mud or other contamination occurs on panels surface, follow steps outlined below.

- 1) A Standard garden hose with pressure nozzle is usually sufficient to remove most jobsite contamination.
- 2) If a pressure sprayer is readily available, caution should be exercised with its use. Pressure sprayers capable of over 2000 psi should not be held closer than 3' away from the panels surface and for sustained periods of more than 30 seconds in any particular area.
- 3) Stains that occur as a result of soil with high iron content can be particularly difficult to remove. It is not uncommon to have "splash-up" onto the lower wall as a result of eave conditions and uncompleted landscaping. If contamination is allowed to remain on panel surfaces for a prolonged period (several days) a stain may occur. It is recommended that the removal of dirt be a part of daily clean-up which will help ensure permanent staining does not occur.

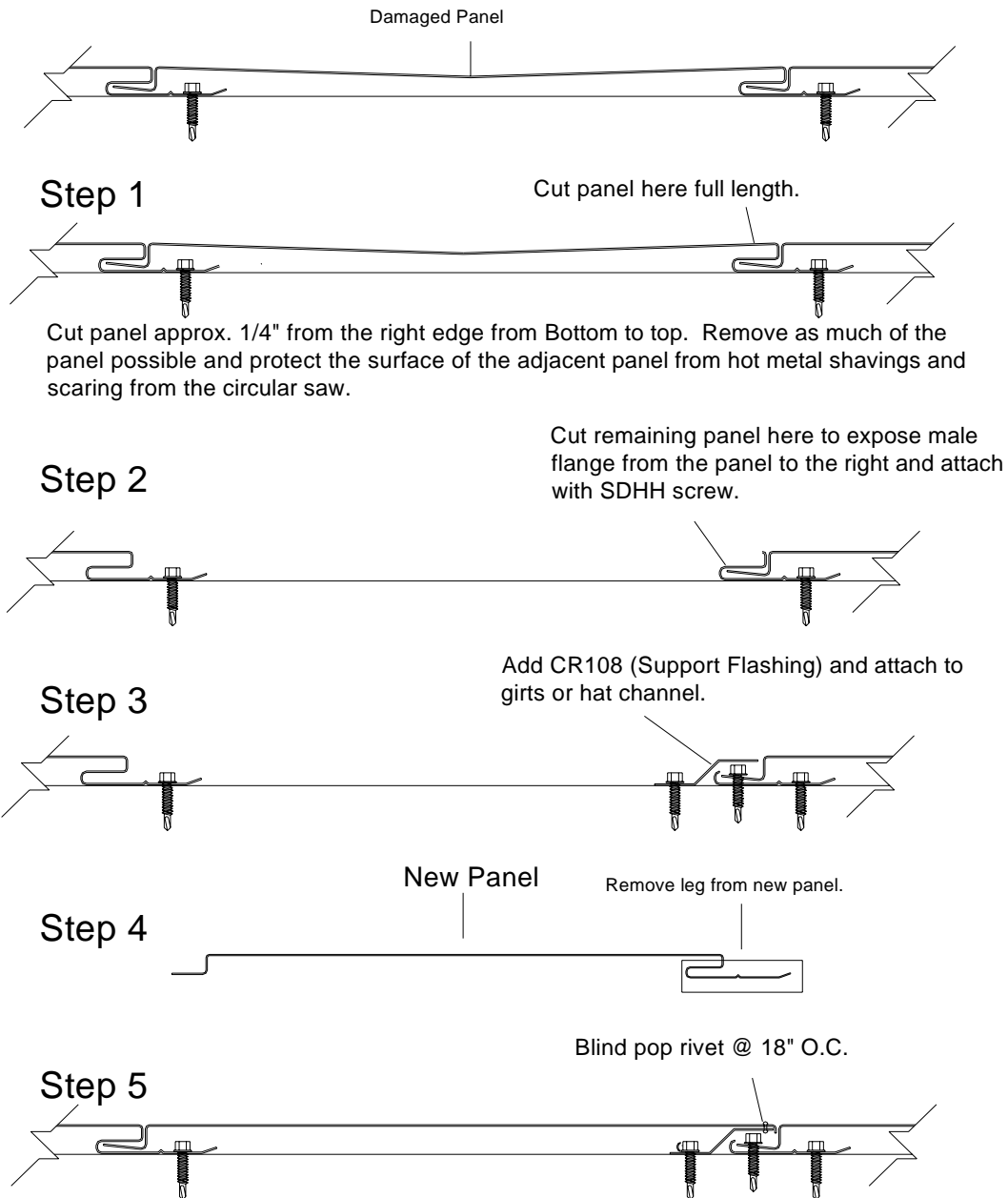
If the methods above do not result in removal of contamination, contact your customer service representative.

## STRUKTUROC WALL PANEL

# Panel Replacement Procedure #1

The Strukturoc wall panels can be replaced without removing the entire wall. One panel or more can easily be replaced when simply following these steps below.

**\*\*NOTE\*\*** Careful planning and preparation must be taken when replacing the panel by protecting the adjacent panels from the hot metal shavings and scarring from the circular saw when cutting the panel. The use of plywood sheathing to protect the surface of the non damaged panel is recommended.



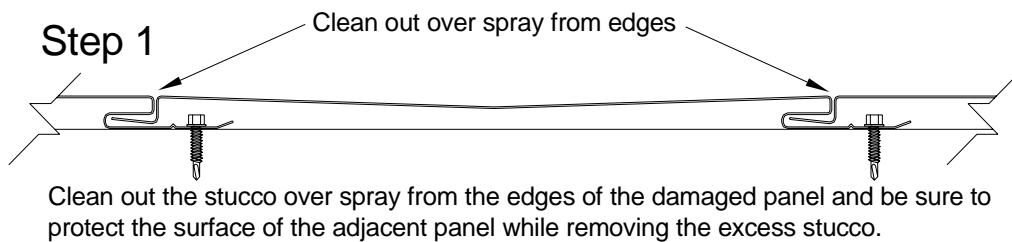
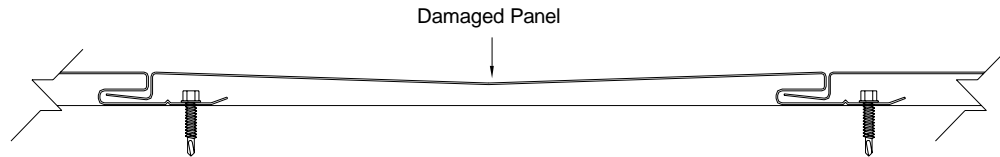
Install new panel inserting the left edge into the remaining tab and rotating down to the support flashing (CR108). Use blind pop rivets to attach the panel to the CR108 at 18" on center and cover the head of the pop rivets with the matching textured touch-up paint.

## STRUKTUROC WALL PANEL

# Panel Replacement Procedure #2

The Strukturoc wall panels can be replaced without removing the entire wall. One panel or more can easily be replaced when simply following these steps below.

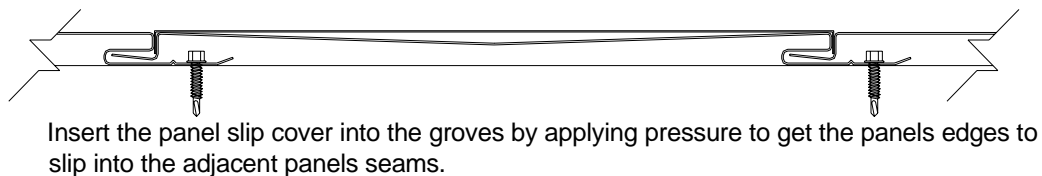
**\*\*NOTE\*\*** This process can only be used when your panel length is 12' 0" tall or less.



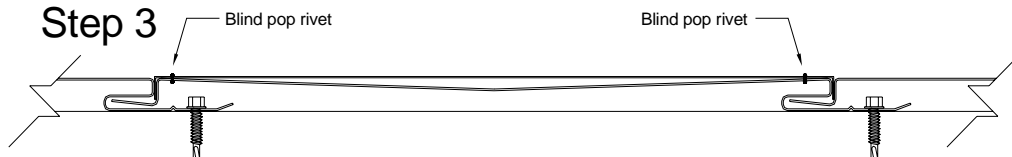
Texture

Your panel slip cover will come from the factory with the stucco finish already applied. You must be careful when handling the slip cover as the top and bottom are not closed off resulting in the cover flexing.

### Step 2



### Step 3



Using the supplied blind pop rivets secure the panel slip cover to the damaged panel every 30" alternating side to side. Use the supplied touch-up paint to cover the head of each of the pop rivets.

## **TRIM CONTENTS:**

- **Page One:**

- ♦ 170DC Base Trim W/O Hat Chanel
- ♦ 170DC-2 Base Trim W/O Hat Channel

- **Page Two:**

- ♦ 250CH Window/ Door Trim W/O Hat Channel
- ♦ 180WDC-2 Window/Door Cap W/O Hat Channel

- **Page Three:**

- ♦ 168DC Base Trim With 7/8" Hat Chanel
- ♦ 168DC-2 Base Trim With 7/8" Hat Channel

- **Page Four:**

- ♦ CR107 Base Trim With 7/8" Hat Channel
- ♦ 200CH Window/Door Trim With 7/8" Hat Channel

- **Page Five:**

- ♦ 180WDC Window/Door Cap With 7/8" Hat Channel
- ♦ 300A 7/8" Hat Chanel

- **Page Six:**

- ♦ CR209 7/8" Stacking Hat Channel

- **Page Seven:**

- ♦ 402DC Base Trim With 1 ½" Hat Channel
- ♦ 401DC-2 Base Trim With 1 ½" Hat Channel

- **Page Eight:**

- ♦ CR106 Base Trim With 1 ½" Hat Channel
- ♦ 403CH Door/Window Trim With 1 ½" Hat Channel

- **Page Nine:**

- ♦ 404WDC Window/Door Cap Trim With 1 ½" Hat Channel
- ♦ 400A 1 ½" Hat Channel

- **Page Ten:**

- ♦ CR409 1 ½" Stacking Hat Channel

- **Page Eleven:**

- ♦ 164OC Outside Corner Trim
- ♦ 165IC Inside Corner Trim

- **Page Twelve:**

- ♦ 167A Utility Trim
- ♦ CR108 Support Flashing

- **Page Thirteen:**

- ♦ BF1X Fascia Base Trim
- ♦ 174WD Fascia Base Trim

- **Page Fourteen:**

- ♦ 180WC Fascia Cap Trim
- ♦ 110J 8" Jamb & Sill Trim

- **Page Fifteen:**

- ♦ 120J 10" Jamb & Sill Trim
- ♦ CR118 – CR121 Channel Closure Trim

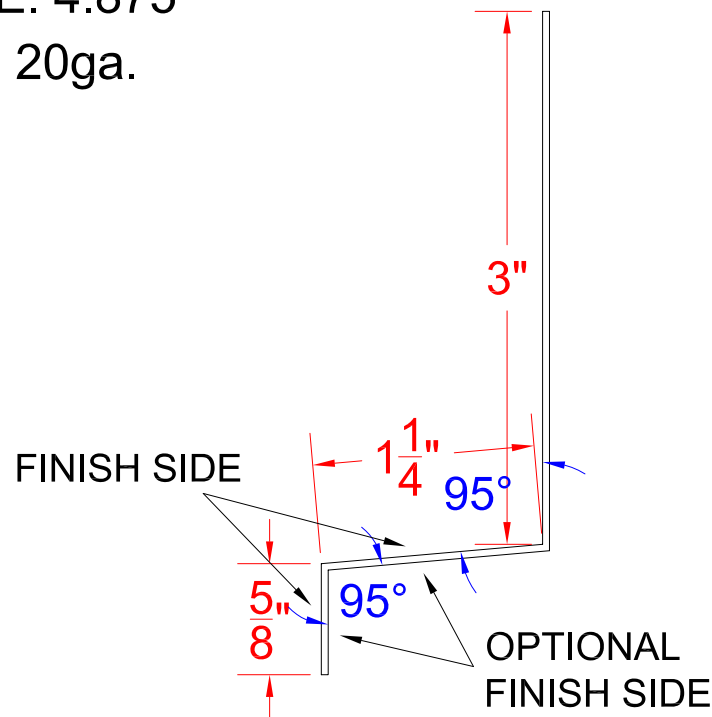
- **Page Sixteen:**

- ♦ 140ST Panel Stacking Trim

## BASE TRIM WITHOUT H.C. #170DC

BLANK SIZE: 4.875"

MATERIAL: 20ga.

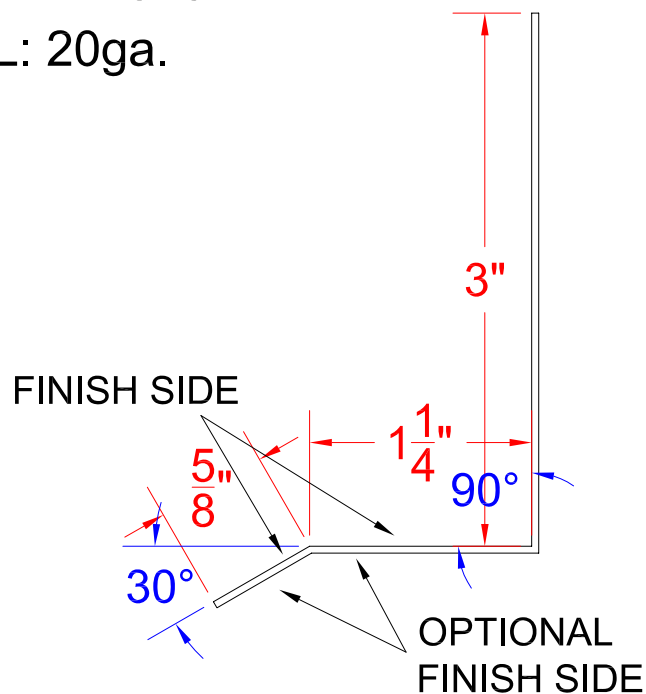


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## BASE TRIM WITHOUT H.C. #170DC-2

BLANK SIZE: 4.875"

MATERIAL: 20ga.



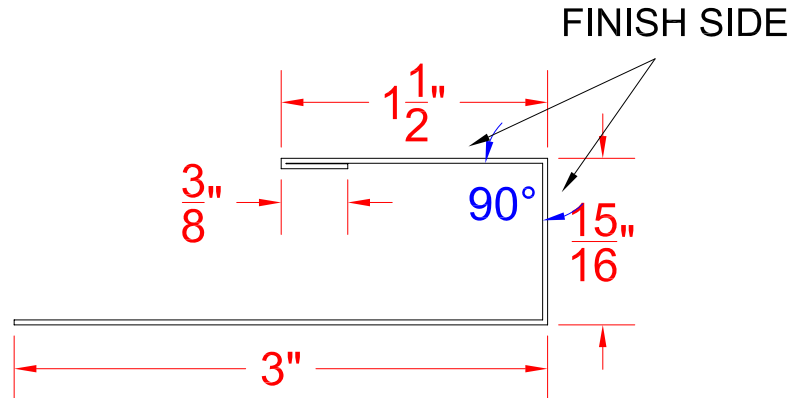
NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).



## WINDOW AND DOOR TRIM WITHOUT H.C. #250CH

BLANK SIZE: 5.8125"

MATERIAL: 24ga.

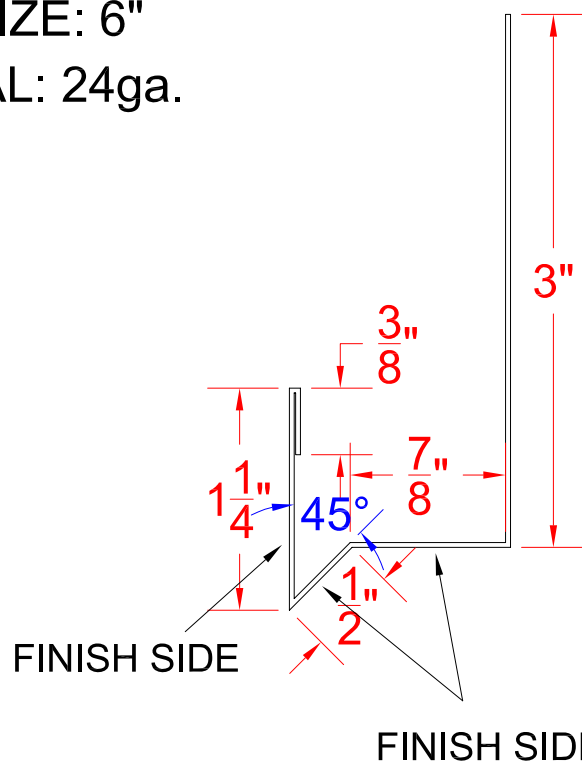


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## WINDOW AND DOOR CAP WITHOUT H.C. #180WDC-2

BLANK SIZE: 6"

MATERIAL: 24ga.

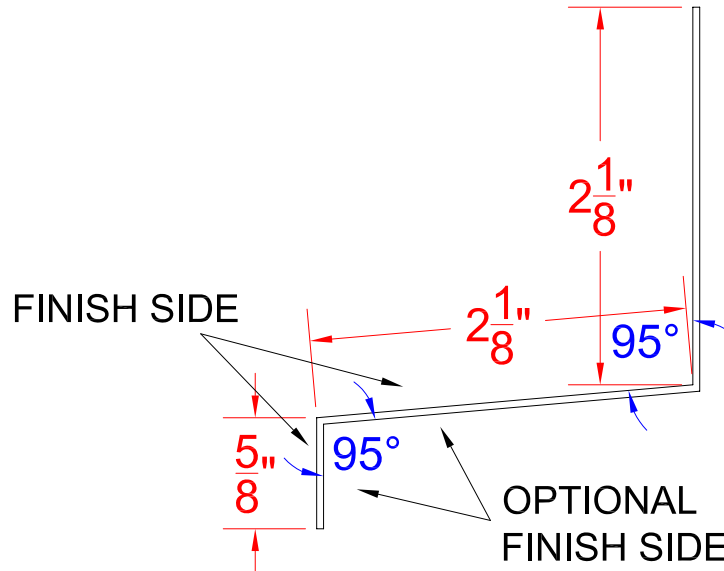


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## BASE TRIM WITH 7/8" H.C. #168DC

BLANK SIZE: 4.875"

MATERIAL: 20ga.

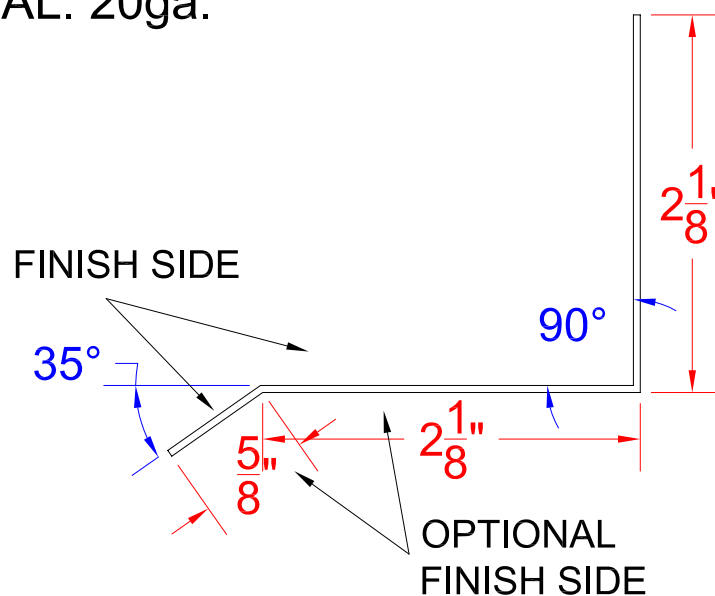


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## BASE TRIM WITH 7/8" H.C. #168DC-2

BLANK SIZE: 4.875"

MATERIAL: 20ga.

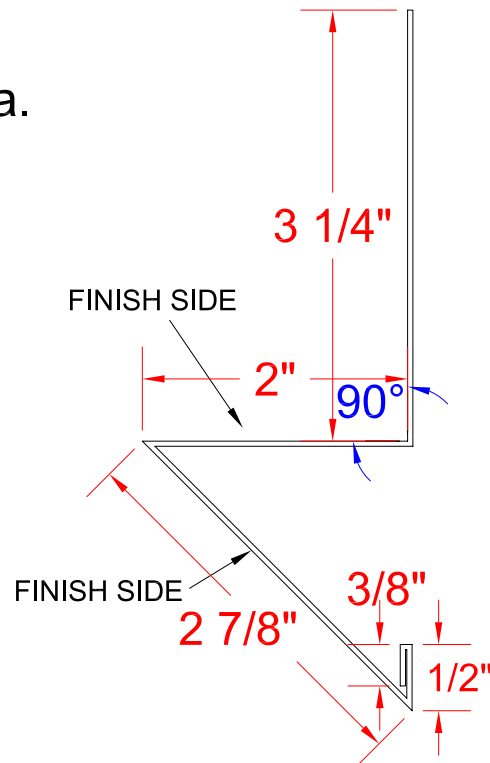


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## BASE TRIM WITH 7/8" H.C. #CR107

BLANK SIZE: 9"

MATERIAL: 20ga.

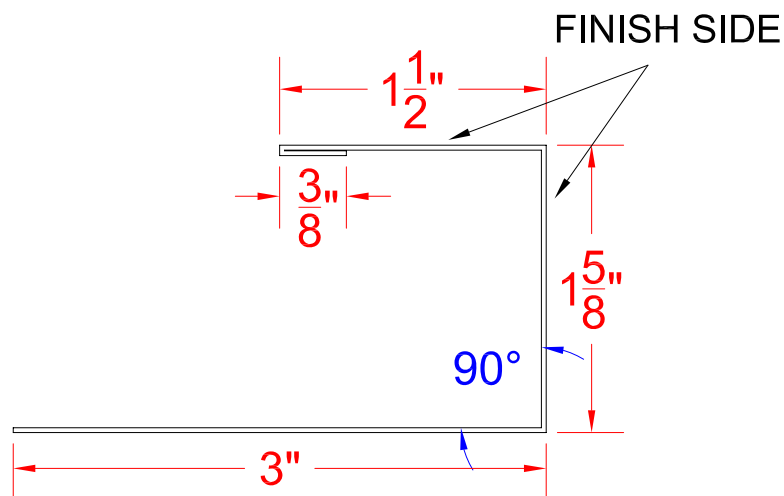


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## WINDOW AND DOOR TRIM WITH H.C. #200CH

BLANK SIZE: 6.5"

MATERIAL: 24ga.

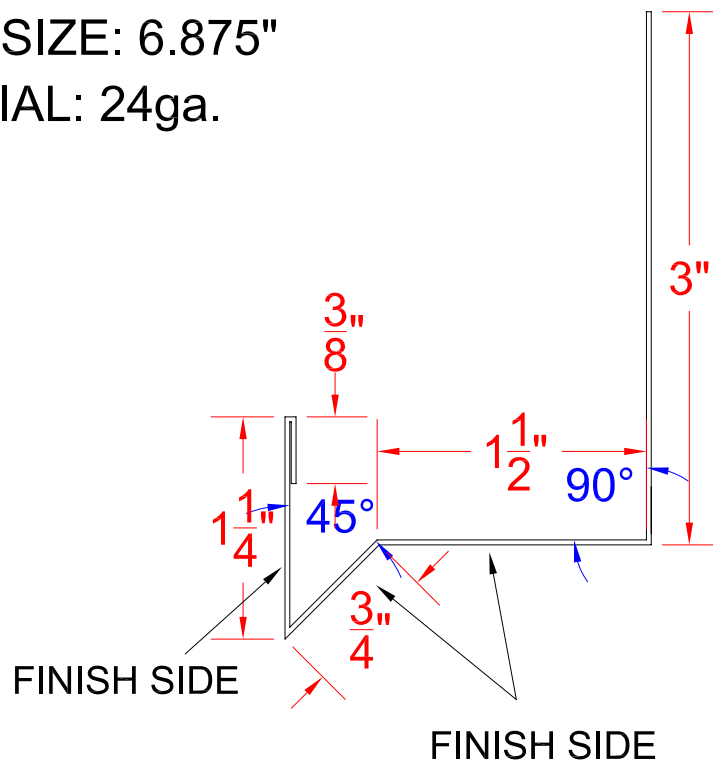


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## WINDOW AND DOOR CAP WITH 7/8" H.C. #180WDC

BLANK SIZE: 6.875"

MATERIAL: 24ga.

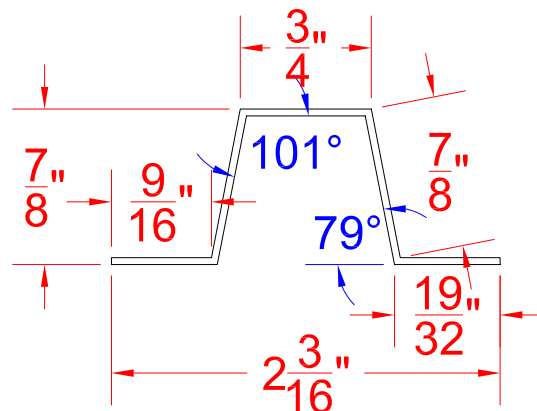


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## 7/8" HAT CHANNEL #300A

BLANK SIZE: 3.625"

MATERIAL: 20ga.



Min. coated state thickness: .034

Note: all dimensions are +/- 1/32"

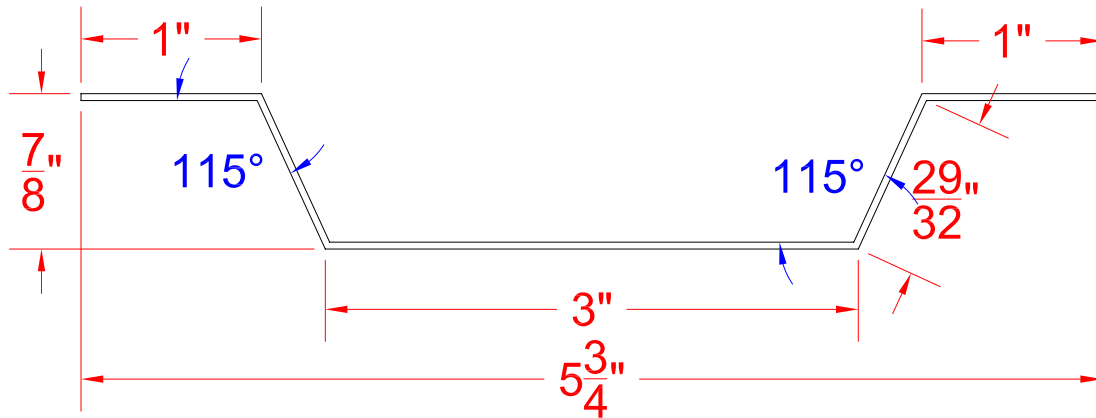
Note: all angles are +/- 1 deg.

NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## STACKING 7/8" HAT CHANNEL #CR209

BLANK SIZE: 6.8125"

MATERIAL: 20ga.



Min. coated state thickness: .034

Note: all dimensions are +/- 1/32"

Note: all angles are +/- 1 deg.

**NO TEXTURE**

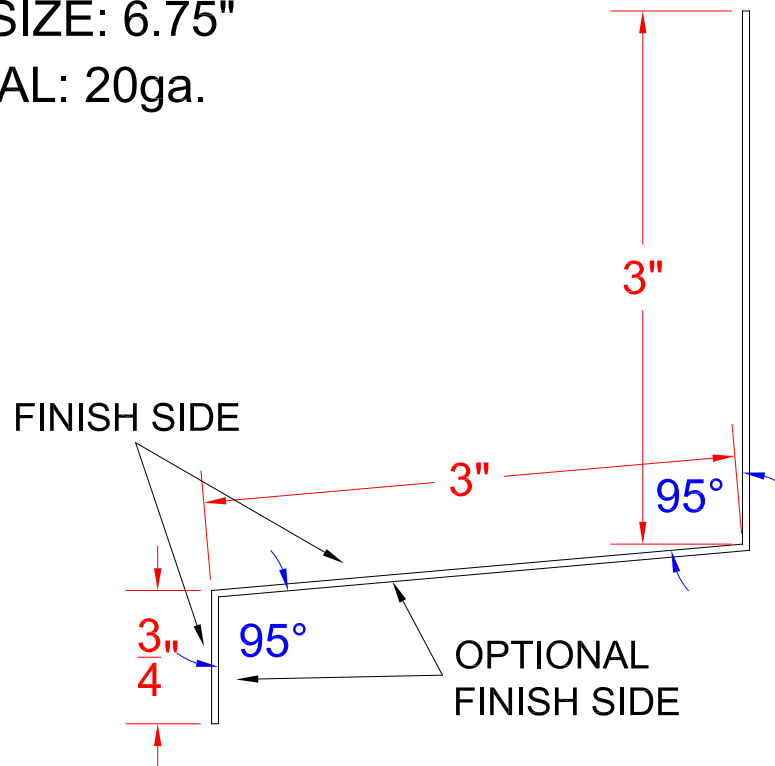
NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

THIS SPACE WAS INTENTIONALLY LEFT BLANK

## BASE TRIM WITH 1 1/2" H.C. #402DC

BLANK SIZE: 6.75"

MATERIAL: 20ga.

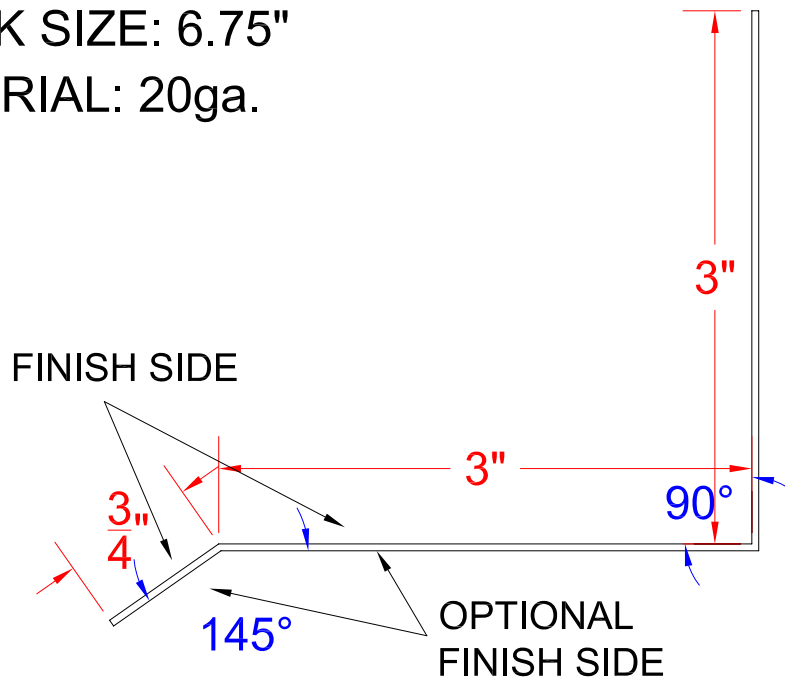


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## BASE TRIM WITH 1 1/2" H.C. #401DC-2

BLANK SIZE: 6.75"

MATERIAL: 20ga.

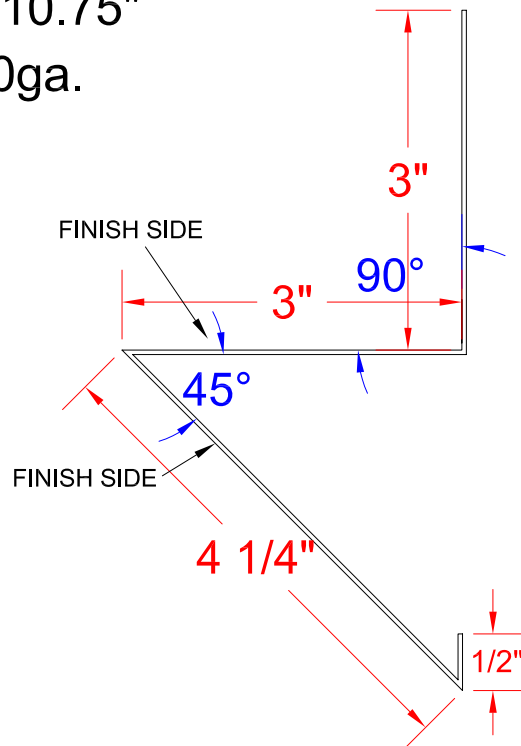


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## BASE TRIM WITH 1 1/2" H.C. #CR106

BLANK SIZE: 10.75"

MATERIAL: 20ga.

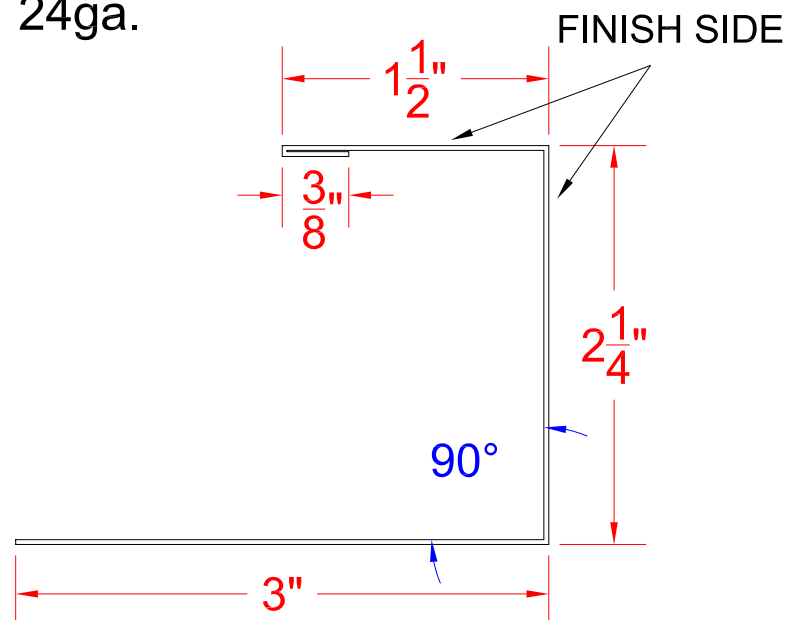


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## WINDOW AND DOOR TRIM WITH 1 1/2" H.C. #403CH

BLANK SIZE: 7.125"

MATERIAL: 24ga.

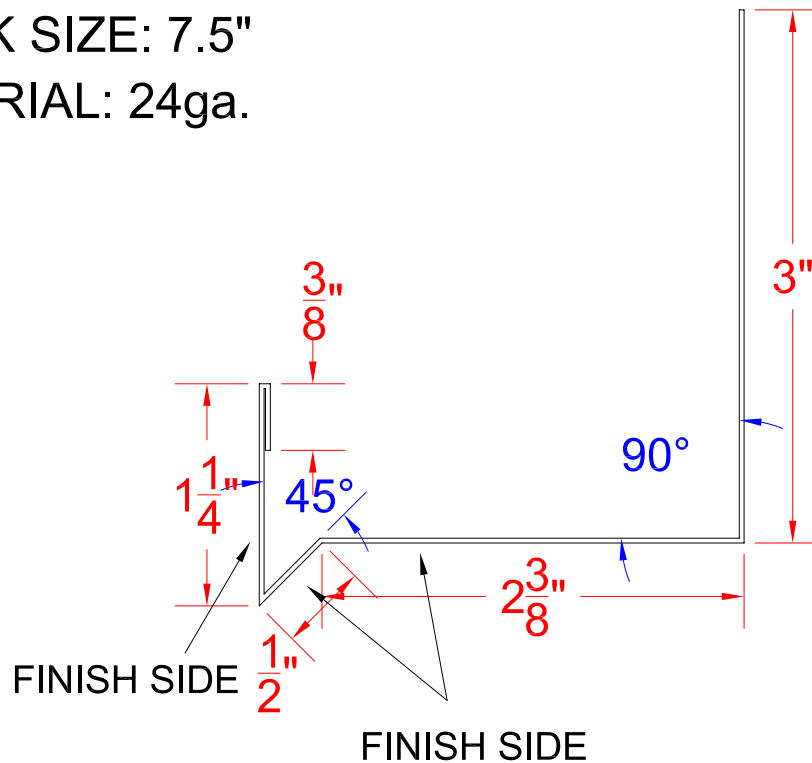


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## WINDOW AND DOOR CAP WITH 1 1/2" H.C. #404WDC

BLANK SIZE: 7.5"

MATERIAL: 24ga.

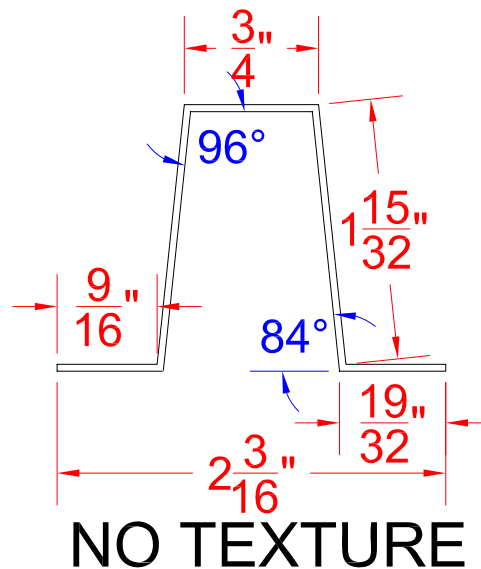


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## 1 1/2" HAT CHANNEL #400A

BLANK SIZE: 4.8125"

MATERIAL: 20ga.



Min. coated state thickness: .034

Note: all dimensions are +/- 1/32"

Note: all angles are +/- 1 deg.

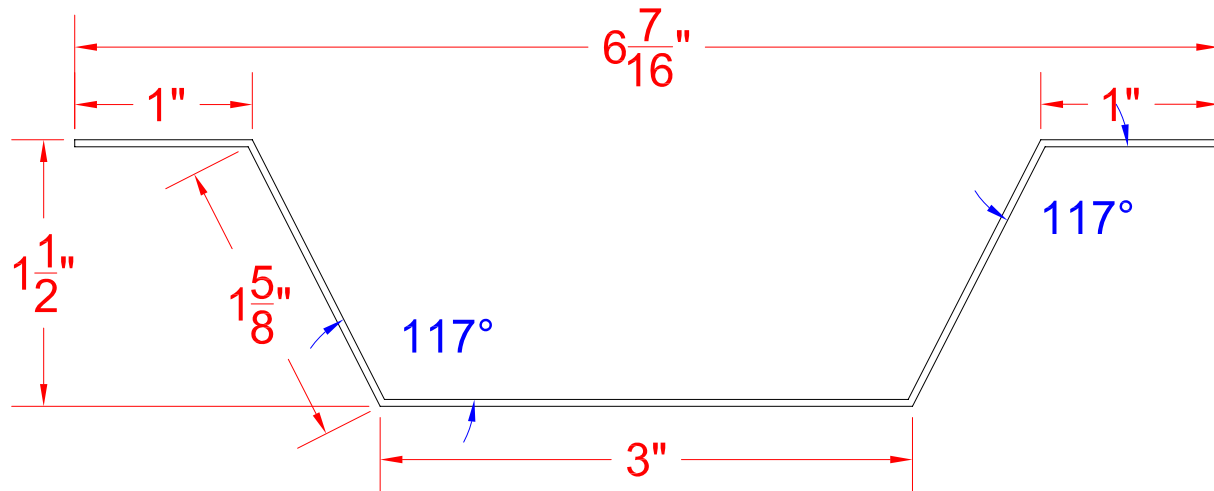
NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).



## STACKING 1 1/2" HAT CHANNEL #CR409

BLANK SIZE: 8.25"

MATERIAL: 20ga.



Min. coated state thickness: .034

Note: all dimensions are +/- 1/32"

Note: all angles are +/- 1 deg.

**NO TEXTURE**

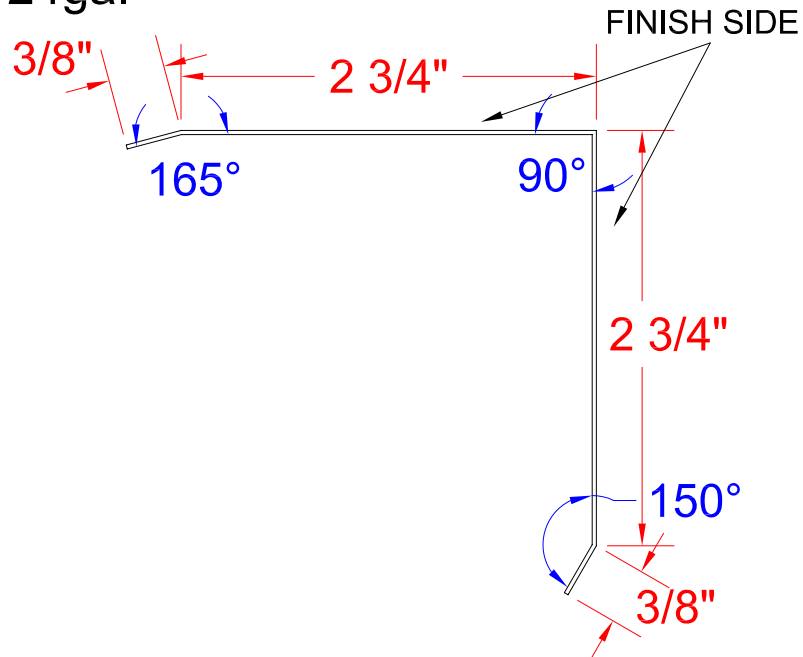
NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

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## OUTSIDE CORNER TRIM #164OC

BLANK SIZE: 6.25"

MATERIAL: 24ga.

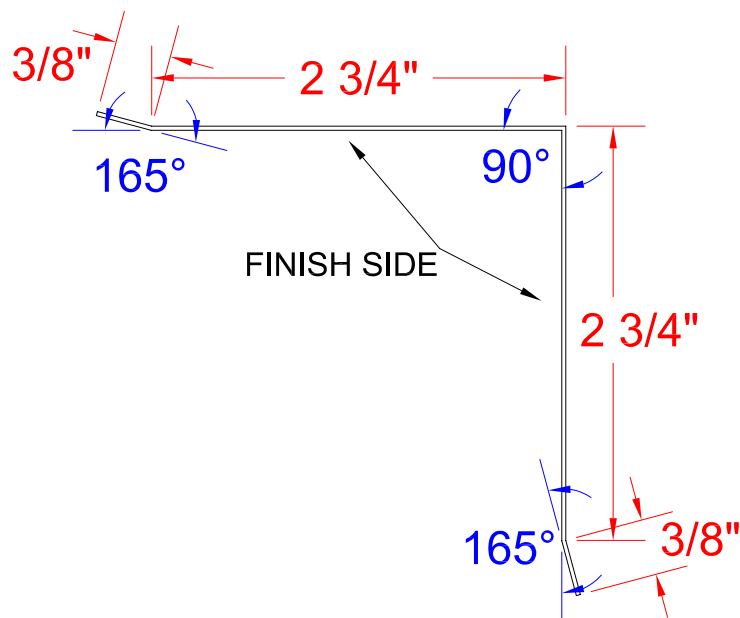


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## INSIDE CORNER TRIM #165IC

BLANK SIZE: 6.25"

MATERIAL: 24ga.

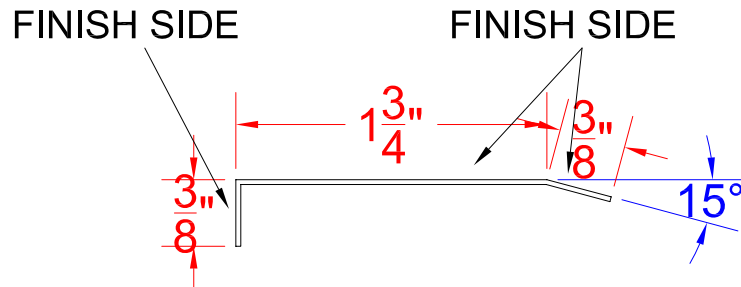


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## UTILITY TRIM #167A

BLANK SIZE: 2.5"

MATERIAL: 24ga.

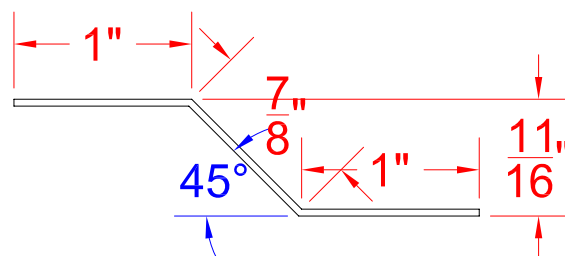


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## SUPPORT FLASHING #CR108

BLANK SIZE: 2.875"

MATERIAL: 20ga.



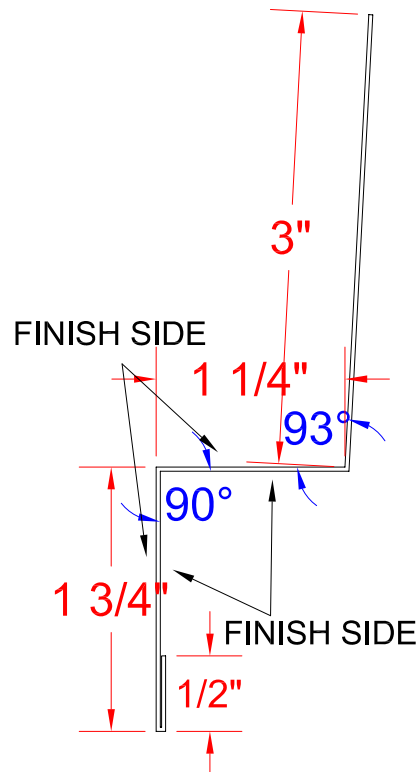
NO TEXTURE

NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## FASCIA BASE TRIM #BF1X

BLANK SIZE: 6.5"

MATERIAL: 20ga.

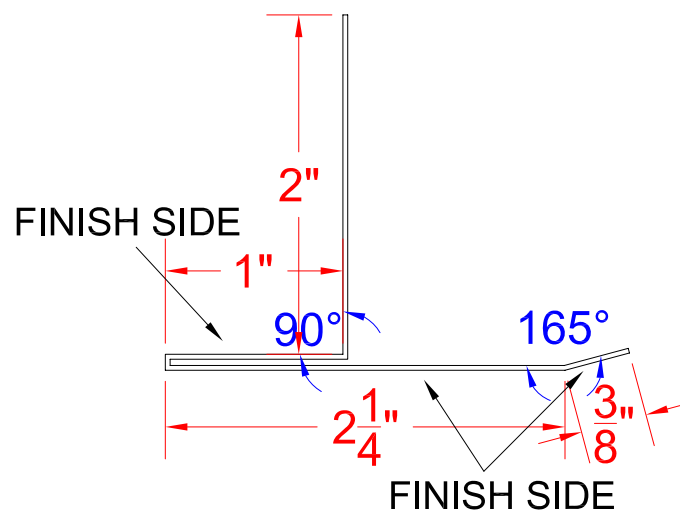


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## FASCIA BASE TRIM #174WD

BLANK SIZE: 5.625"

MATERIAL: 20ga.

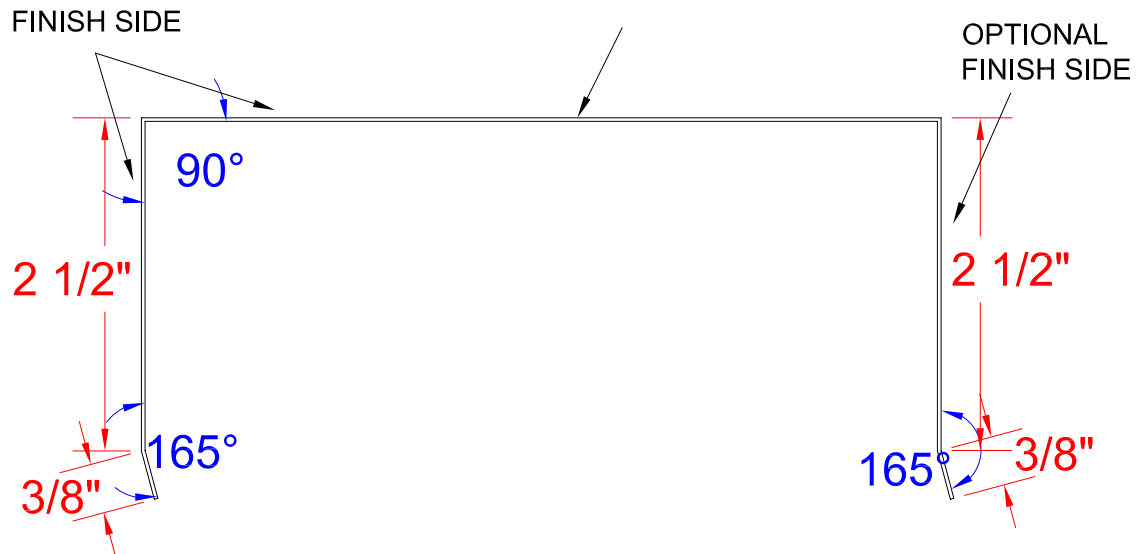


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## FASCIA CAP TRIM #180WC

BLANK SIZE: VARIES

MATERIAL: 24ga.

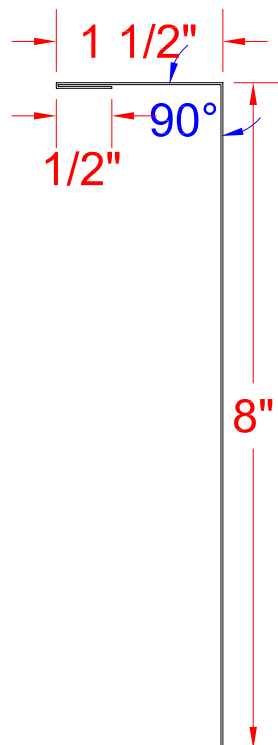
CUSTOM LENGTH TO  
YOUR REQUIREMENTS

NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## JAMB &amp; SILL TRIM #110J

BLANK SIZE: 10"

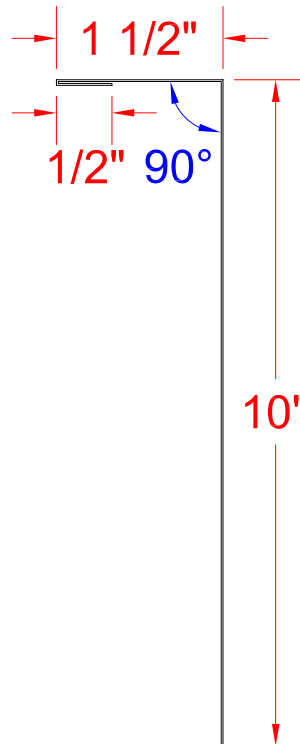
MATERIAL: 24ga.



NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## JAMB &amp; SILL TRIM #120J

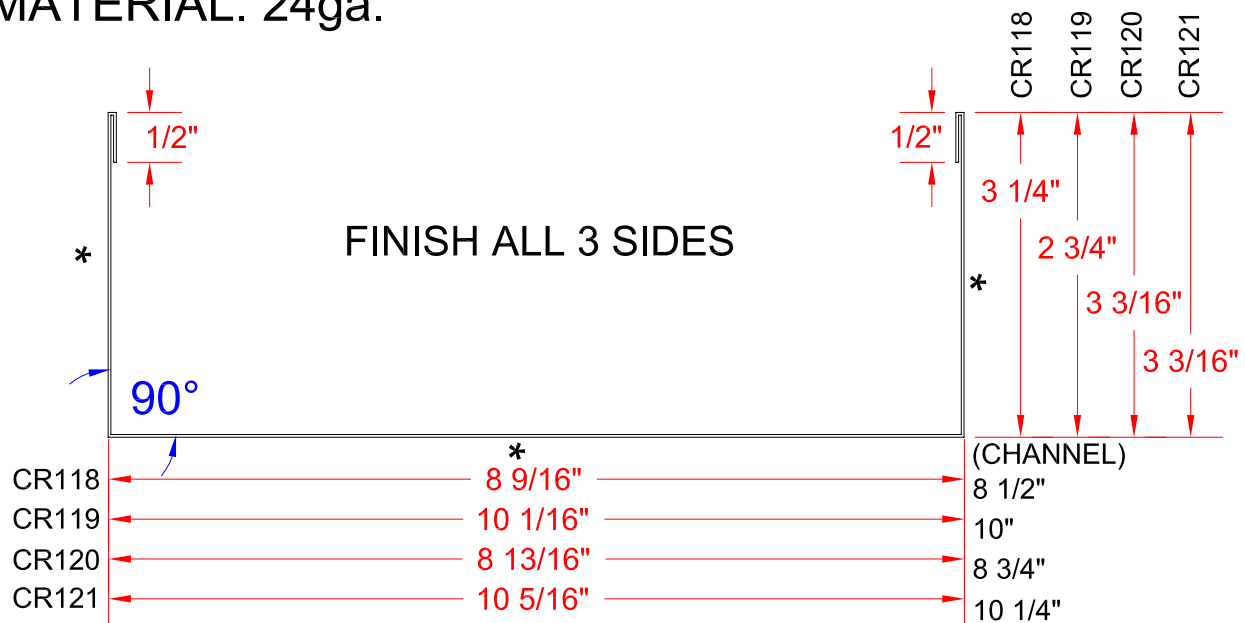
BLANK SIZE: 12"  
MATERIAL: 24ga.



NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## CHANNEL CLOSURE TRIM

BLANK SIZE: VARIES  
MATERIAL: 24ga.

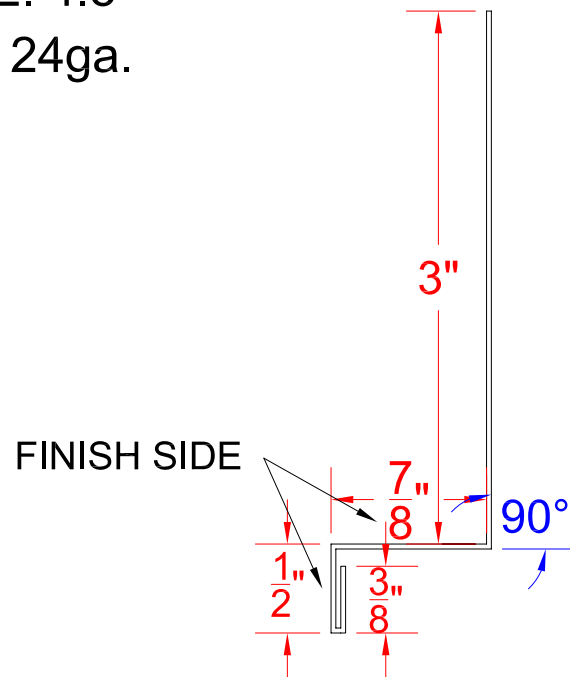


NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

## STACKING TRIM #140ST

BLANK SIZE: 4.5"

MATERIAL: 24ga.



NOTE: ALL TRIMS COME STANDARD AT 12'-0" LONG (NO EXCEPTIONS).

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## **DETAILS W/ HAT-CHANNEL CONTENTS:**

- **Wall Panel Base Detail with Hat Channel**
  - ✦ Detail 1001:
    - Base Detail w/o Notch w/ Base Channel
  - ✦ Detail 1002:
    - Base Details w/ Notch w/ Base Channel
- **Wall Panel Base Details with Hat Channel**
  - ✦ Detail 1003:
    - Detail at Wall Open For Masonry
  - ✦ Detail 1004:
    - Detail at Wall Open for Access
- **Wall Panel with Partially Open Wall**
  - ✦ Detail 1005:
  - ✦ Detail 1006:
- **Wall Panel Base Details with Hat Channel**
  - ✦ Detail 1007:
    - Detail at Wall Open for Masonry
- **Wall Panel False Gutter Detail with Hat Channel**
  - ✦ Detail 1008:
    - Detail at Eave w/ False Gutter w/ Wall Panel
- **Wall Panel Corner Details with Hat Channels**
  - ✦ Detail 1009:
    - Outside Corner Flush
- **Wall Panel Details with Hat Channel**
  - ✦ Detail 1011:
    - Outside Corner Bypass Girts
  - ✦ Detail 1012:
    - Inside Corner
- **Detail At Gutter Eave with Wall Panel**
  - ✦ Detail 1013:
  - ✦ Detail 1014:
    - Section w/ Hat Channel
  - ✦ Detail 1015:
    - Section w/o Hat Channel

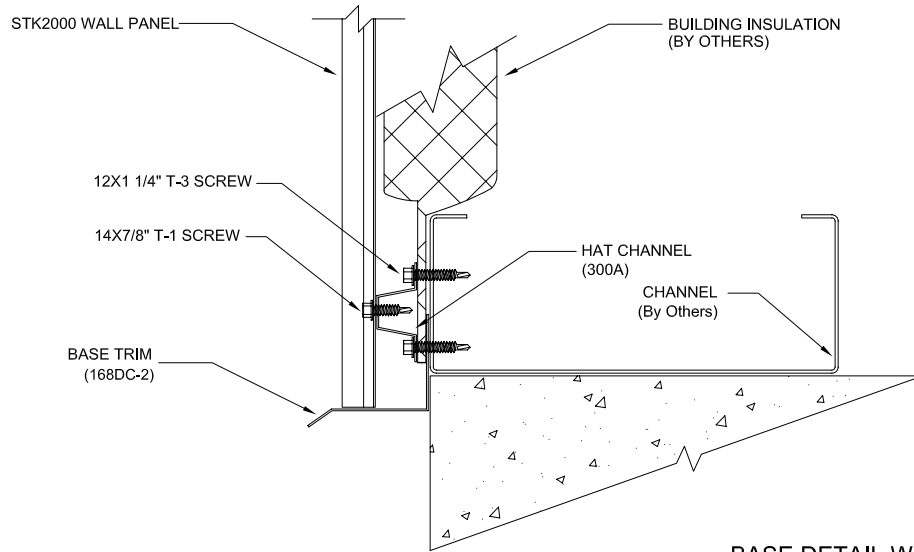


- **Panel Eave Details with Hat Channel**
  - ✦ Detail 1016:
    - Detail at Gutter Eave w/ Wall Panel
  - ✦ Detail 1017:
    - Detail at Plain Eave w/ Wall Panel
- **Rake Detail with Wall panels with Hat Channel**
  - ✦ Detail 1018:
    - Rake Detail With Hat Channel
  - ✦ Detail 1019:
    - Section w/o Thermal Block
- **Wall Panel Rake Detail with Hat Channel**
  - ✦ Detail 1020:
    - Detail at Rake w/ Wall Panel
- **Wall Panel Plaza End wall Detail with Hat Channel**
  - ✦ Detail 1021:
    - Detail at Plaza End wall w/ Wall Panel
- **Low Sidewall with Plaza End wall with Wall Panel**
  - ✦ Detail 1022:
    - Detail at Low Sidewall w/ Plaza End wall
  - ✦ Detail 1023:
- **Detail at Wall Panel Splice**
  - ✦ Detail 1024:
    - Section Thru Wall Panel End lap
  - ✦ Detail 1025:
    - Lapping
- **Details at Framed Opening with Hat Channel**
  - ✦ Detail 1026:
    - Section Thru Framed Opening Header (Optional 110J)
  - ✦ Detail 1027:
    - Section Thru Framed Opening Sill (Optional 110J)
- **Details at Framed Opening with Hat Channel**
  - ✦ Detail 1028:
    - Section Thru Framed Opening Jamb (Optional 110J)
  - ✦ Detail 1029:
    - Section Thru Framed Overhead Door and Head (Optional CR118 – CR121)

## DETAILS AT FRAMED OPENING (WITH HAT-CHANNEL)

STRUKTUROC

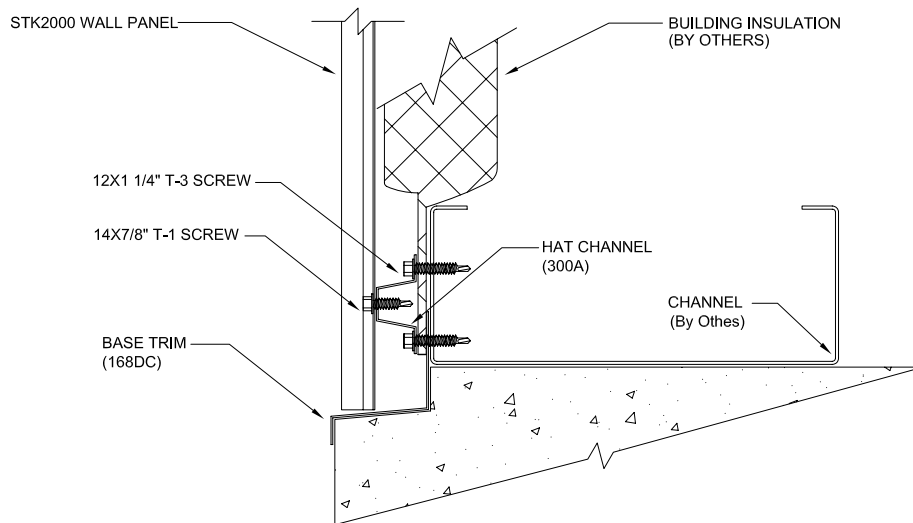
DETAIL 1001



BASE DETAIL W/O NOTCH W/ BASE CHANNEL

STRUKTUROC

DETAIL 1002

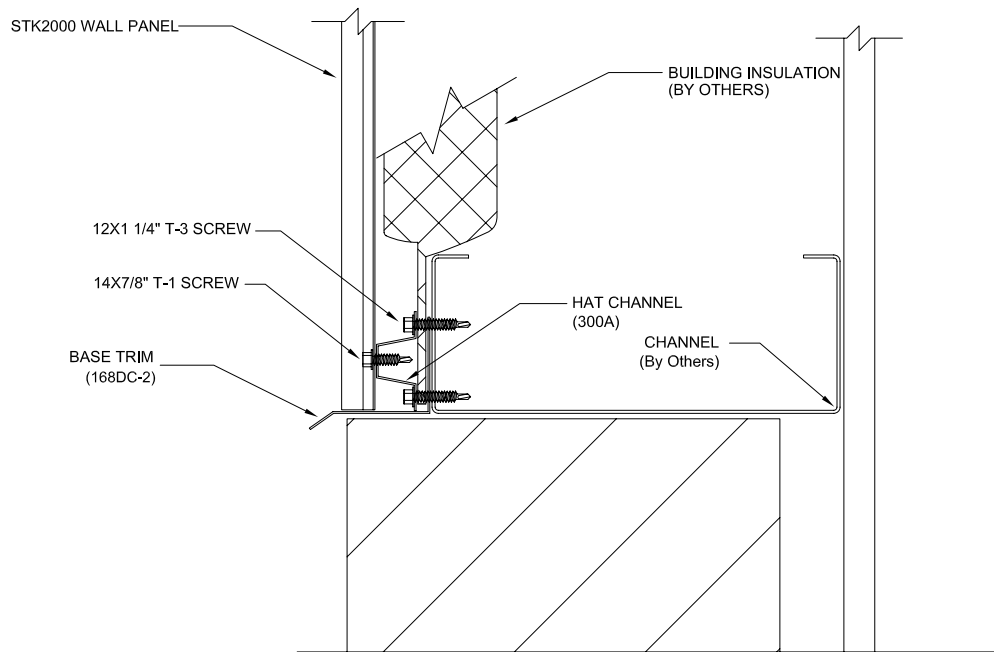


BASE DETAIL W/ NOTCH W/ BASE CHANNEL

## WALL PANEL BASE DETAILS WITH HAT CHANNEL

STRUKTUROC

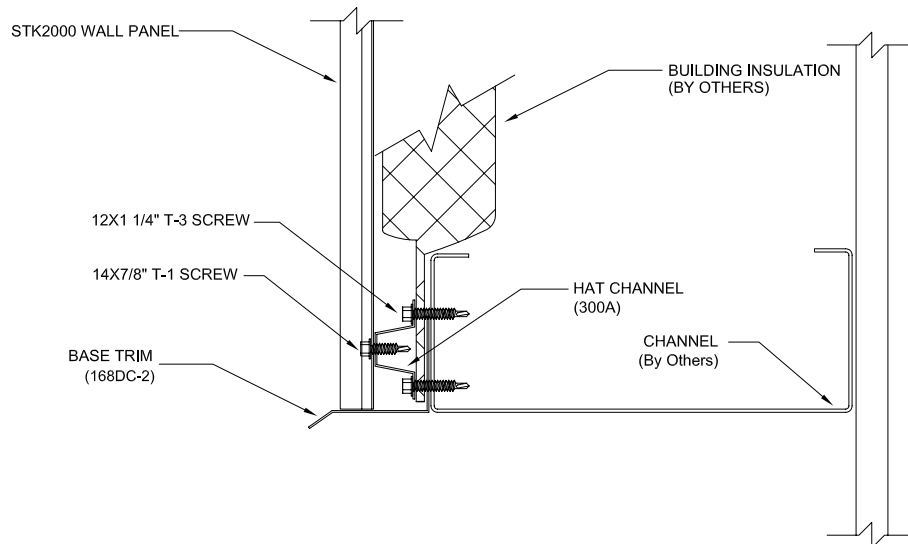
DETAIL 1003



DETAIL AT WALL OPEN FOR MASONRY

STRUKTUROC

DETAIL 1004



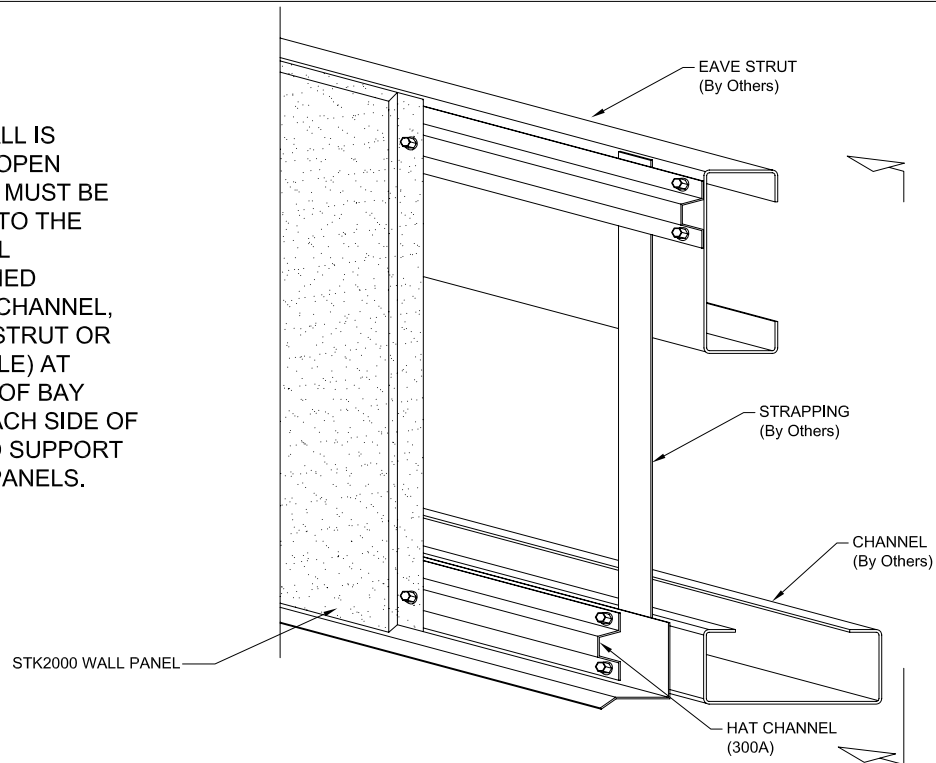
DETAIL AT WALL OPEN FOR ACCESS

## WALL PANEL WITH PARTIALLY OPEN WALL

STRUKTUROC

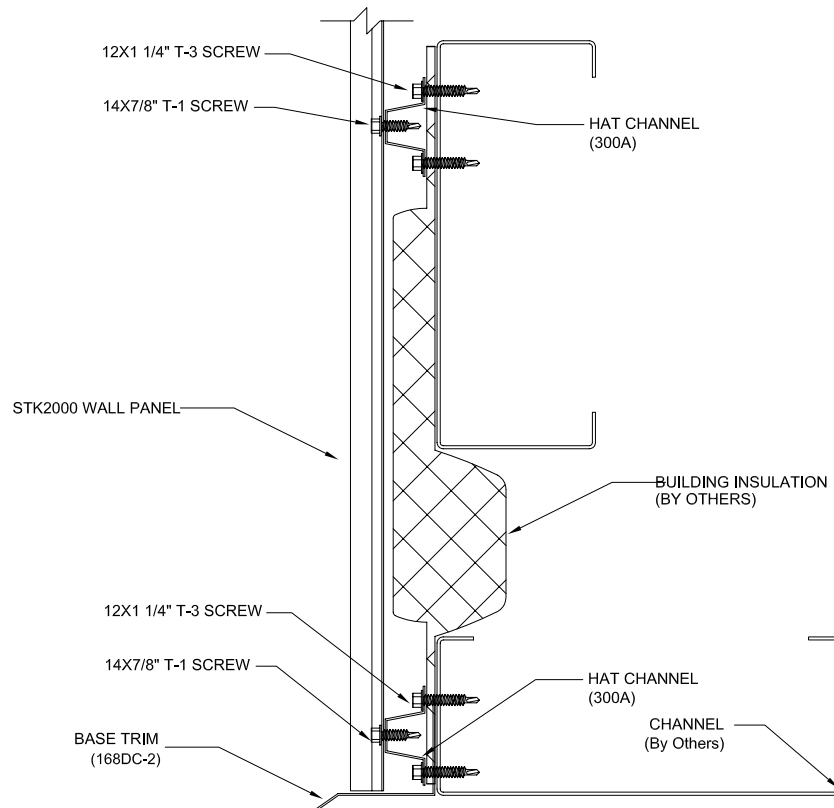
DETAIL 1005

WHEN A WALL IS PARTIALLY OPEN STRAPPING MUST BE ATTACHED TO THE FACE OF ALL COLD-FORMED MEMBERS (CHANNEL, ZEE, EAVE STRUT OR GABLE ANGLE) AT MIDPOINTS OF BAY AND 5'-0" EACH SIDE OF COLUMN TO SUPPORT THE WALL PANELS.



STRUKTUROC

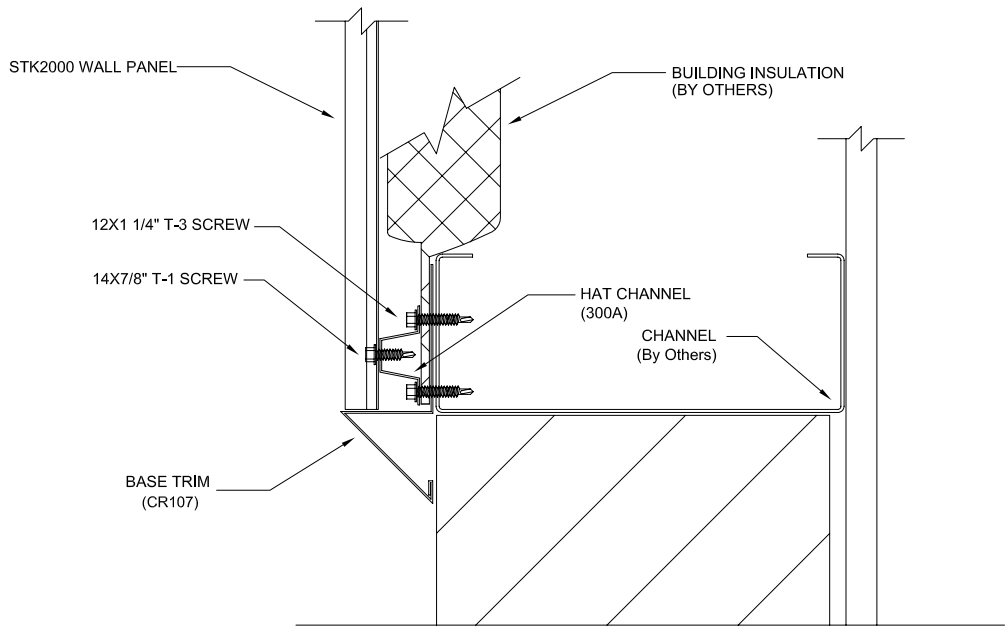
DETAIL 1006



WALL PANEL BASE DETAILS WITH HAT CHANNEL

STRUKTUROC

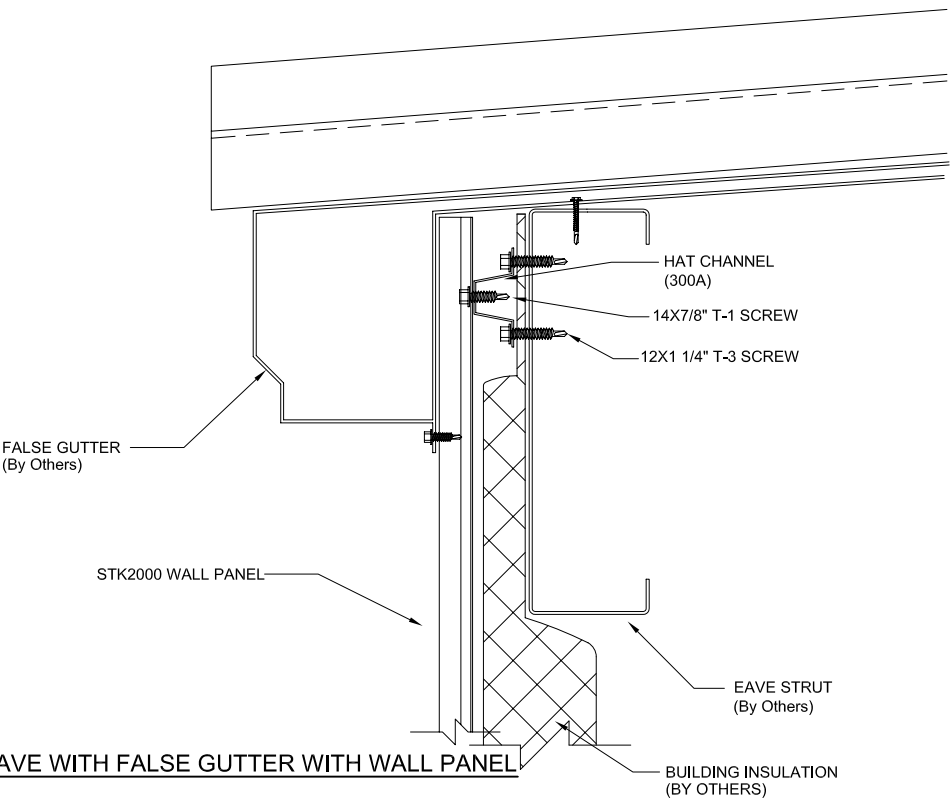
DETAIL 1007



WALL PANEL FALSE GUTTER WITH HAT CHANNEL

STRUKTUROC

DETAIL 1008

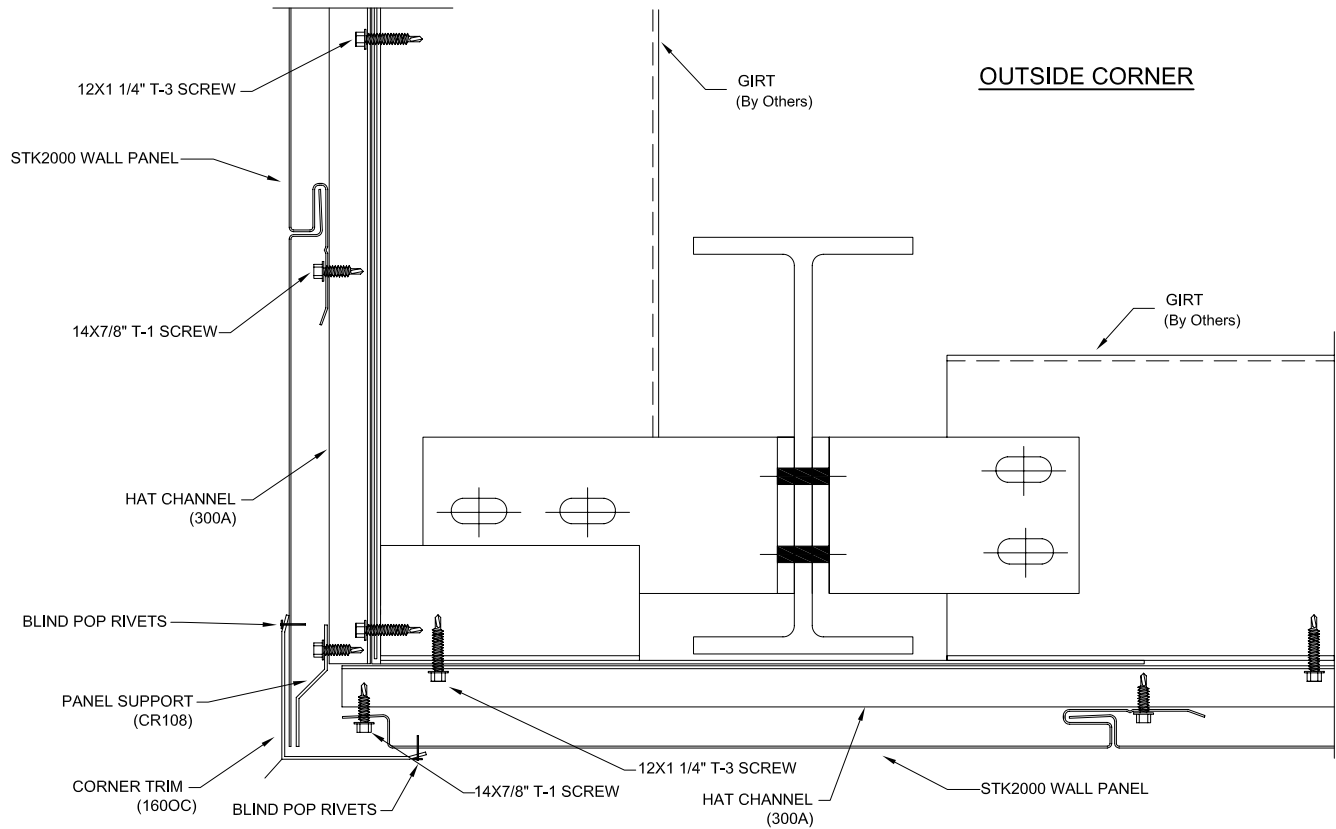


DETAIL AT EAVE WITH FALSE GUTTER WITH WALL PANEL

WALL PANEL CORNER DETAILS WITH HAT CHANNELS

STUKTUROC

DETAIL 1009

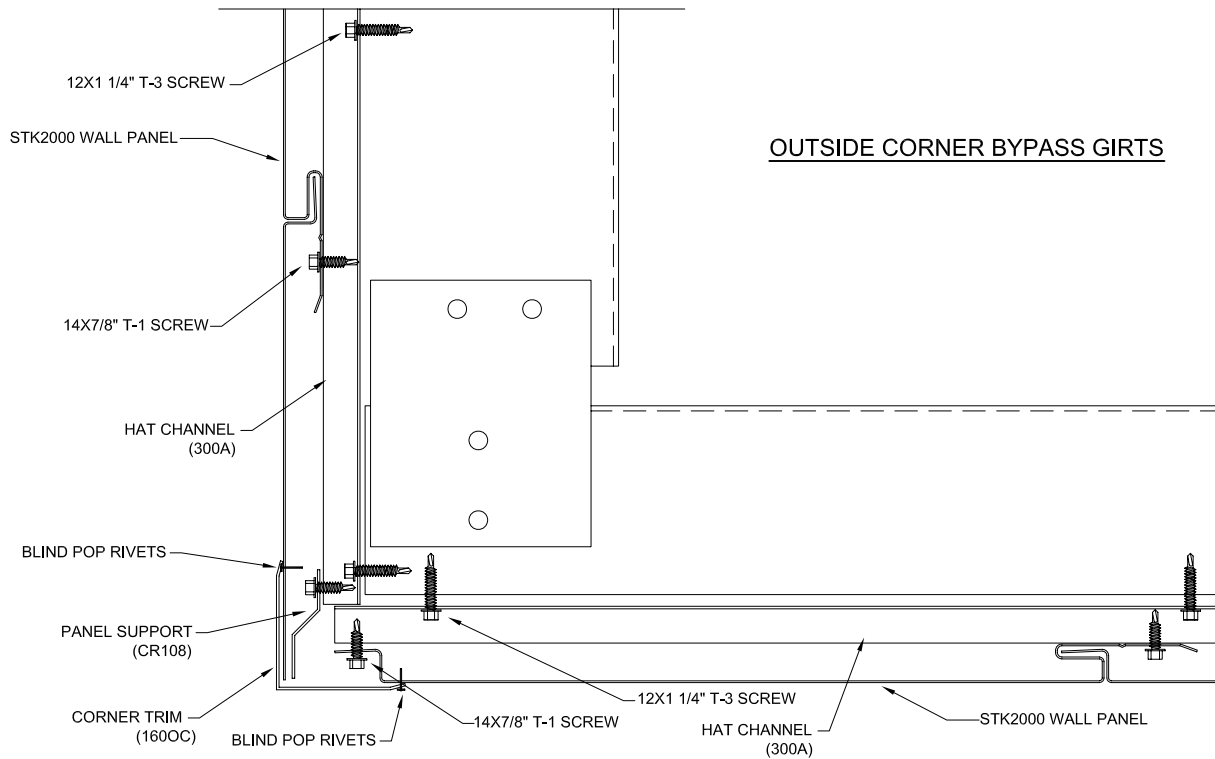


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## WALL PANEL DETAILS WITH HAT CHANNEL

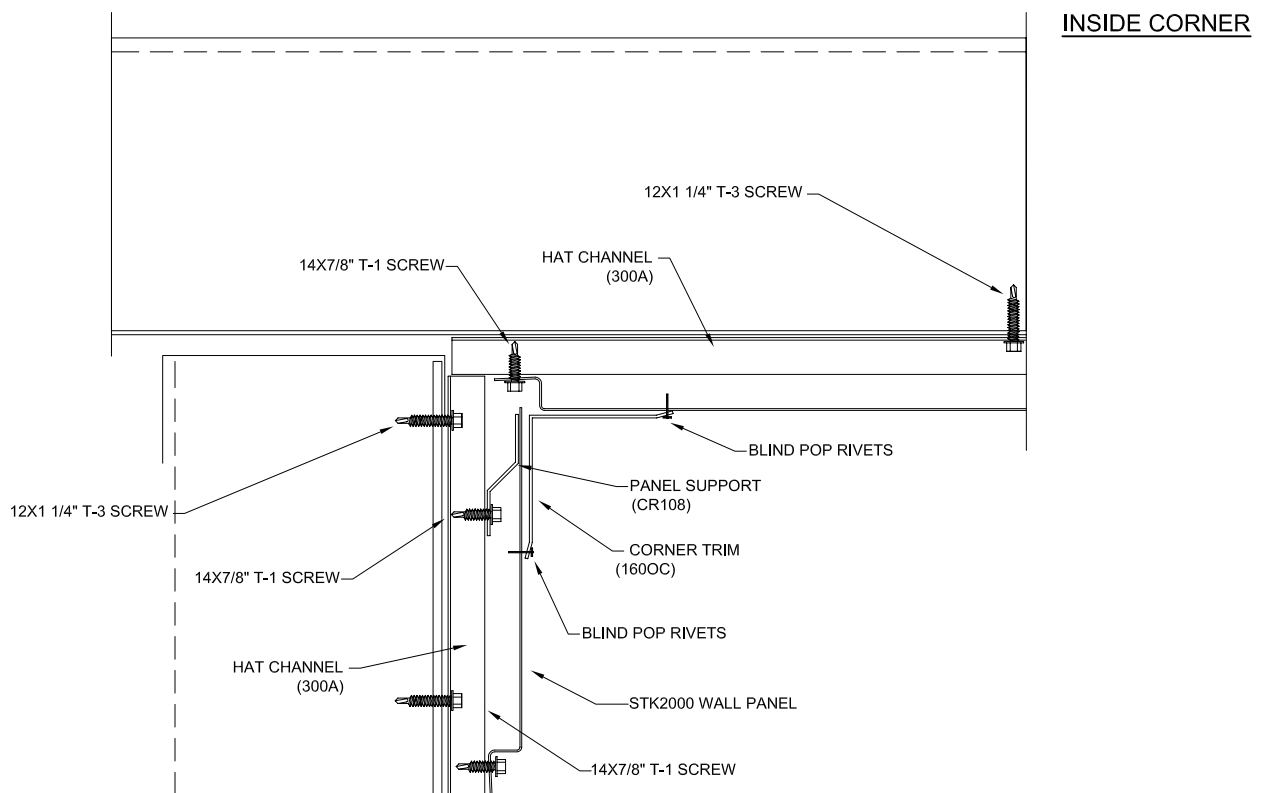
### STRUKTUROC

### DETAIL 1011



### STRUKTUROC

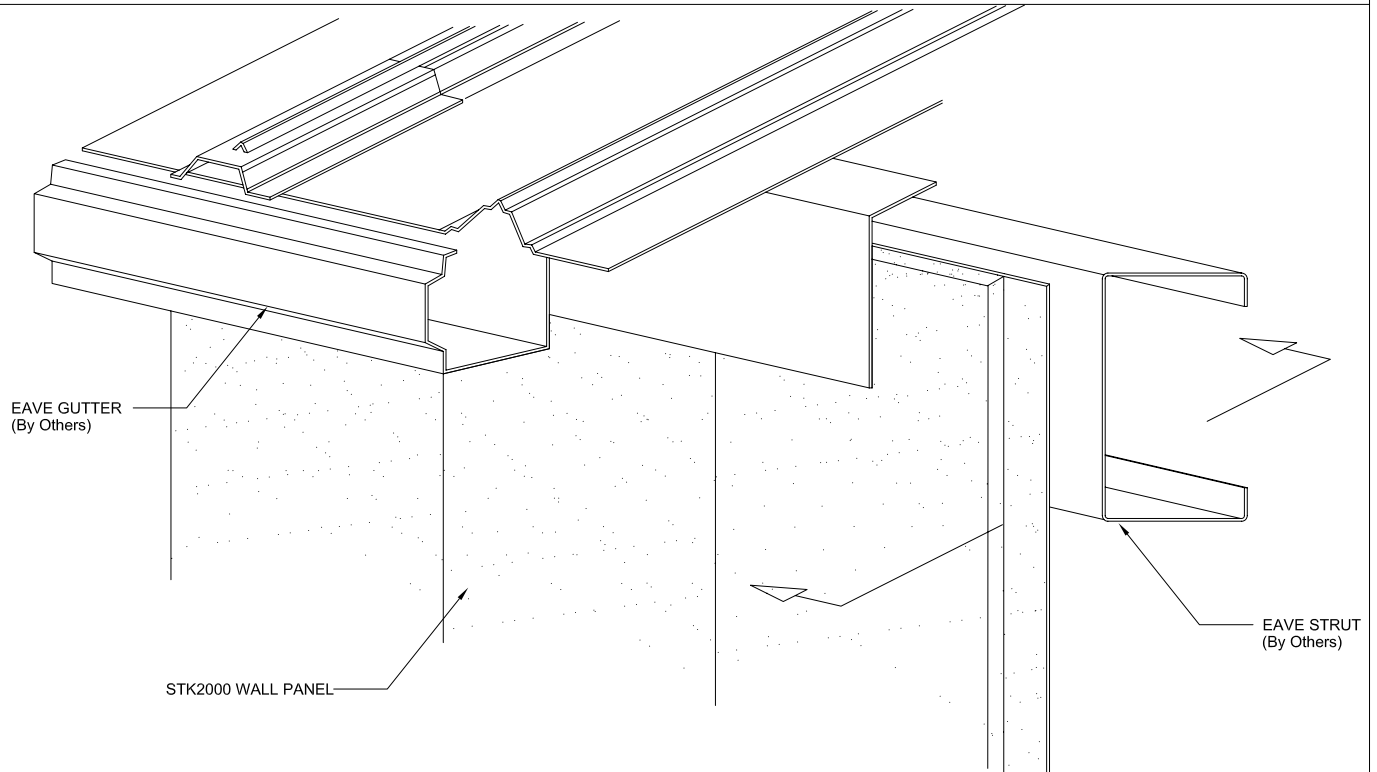
### DETAIL 1012



# DETAILS AT GUTTERED EAVE WITH WALL PANEL

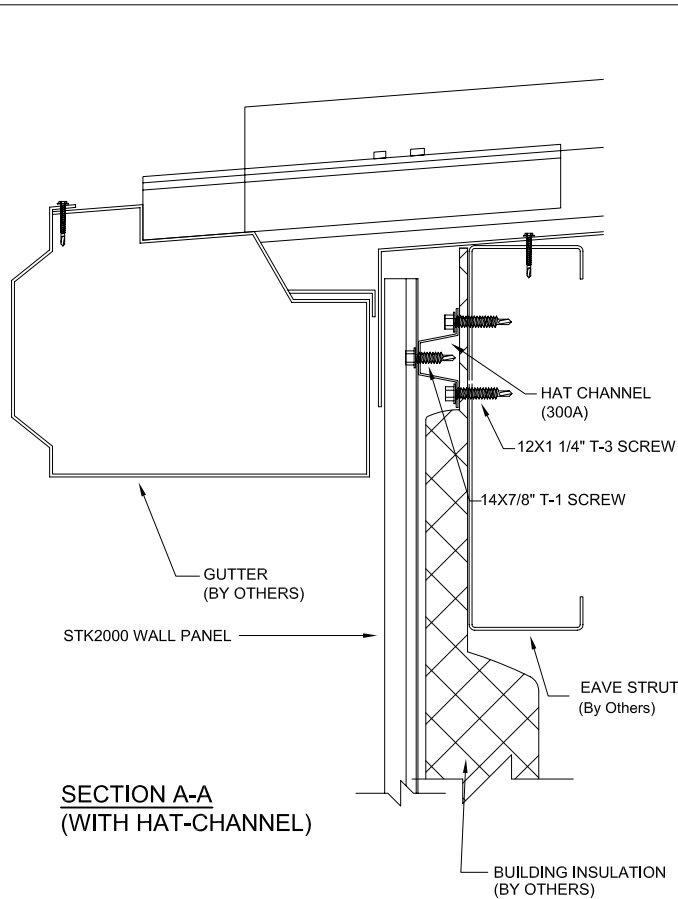
STRUKTUROC

DETAIL 1013



STRUKTUROC

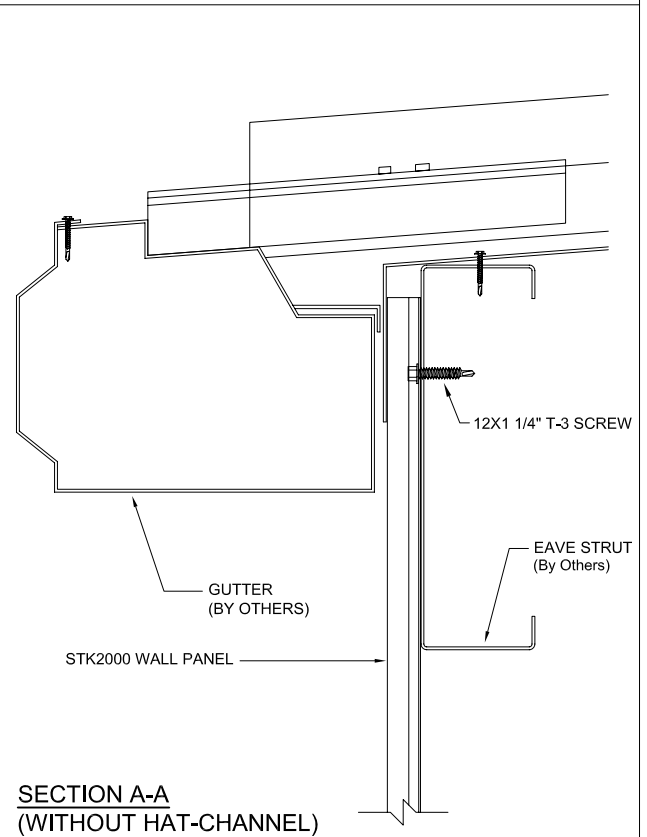
DETAIL 1014



SECTION A-A  
(WITH HAT-CHANNEL)

STRUKTUROC

DETAIL 1015



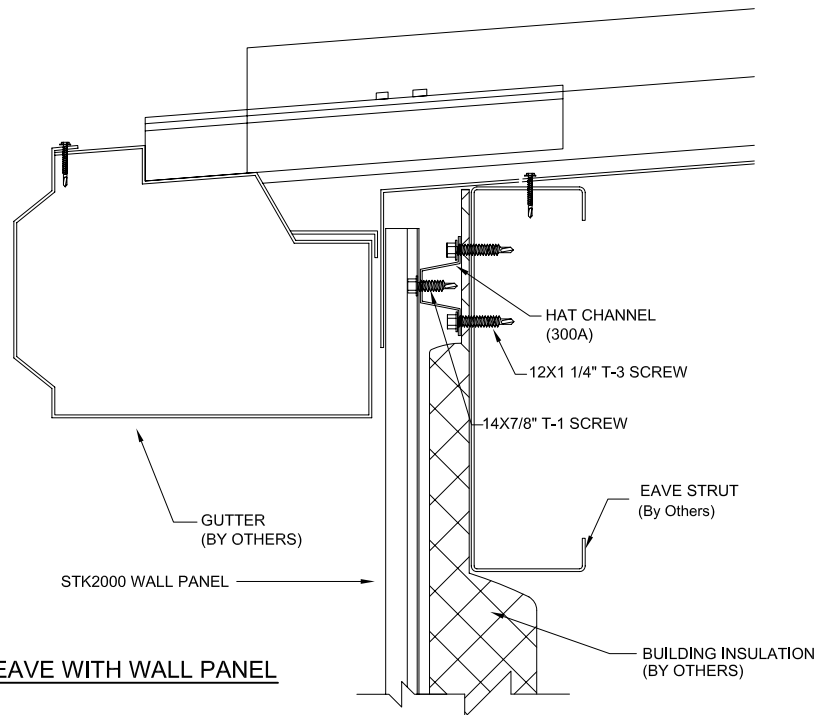
SECTION A-A  
(WITHOUT HAT-CHANNEL)



## PANEL EAVE DETAILS WITH HAT CHANNEL

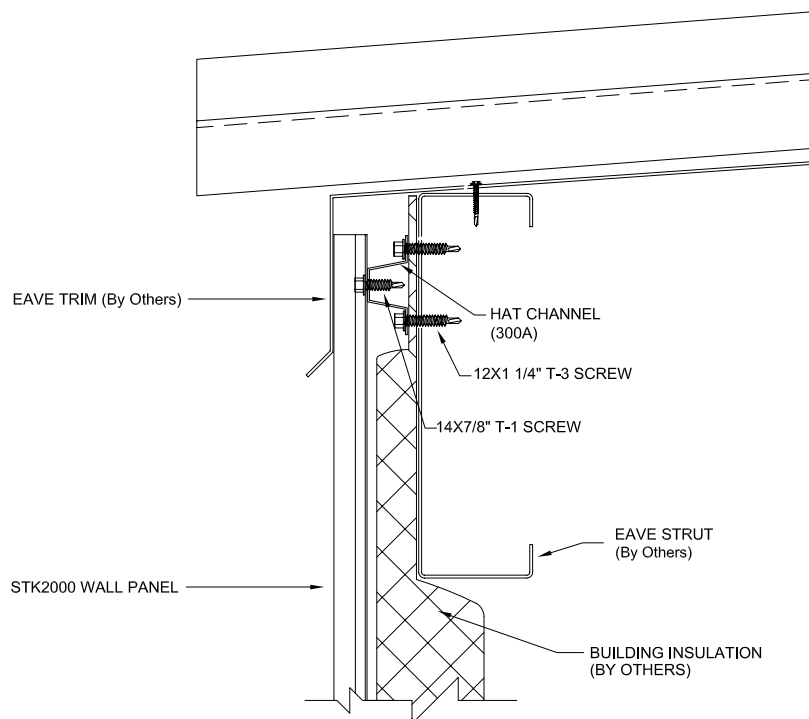
STRUKTUROC

DETAIL 1016



STRUKTUROC

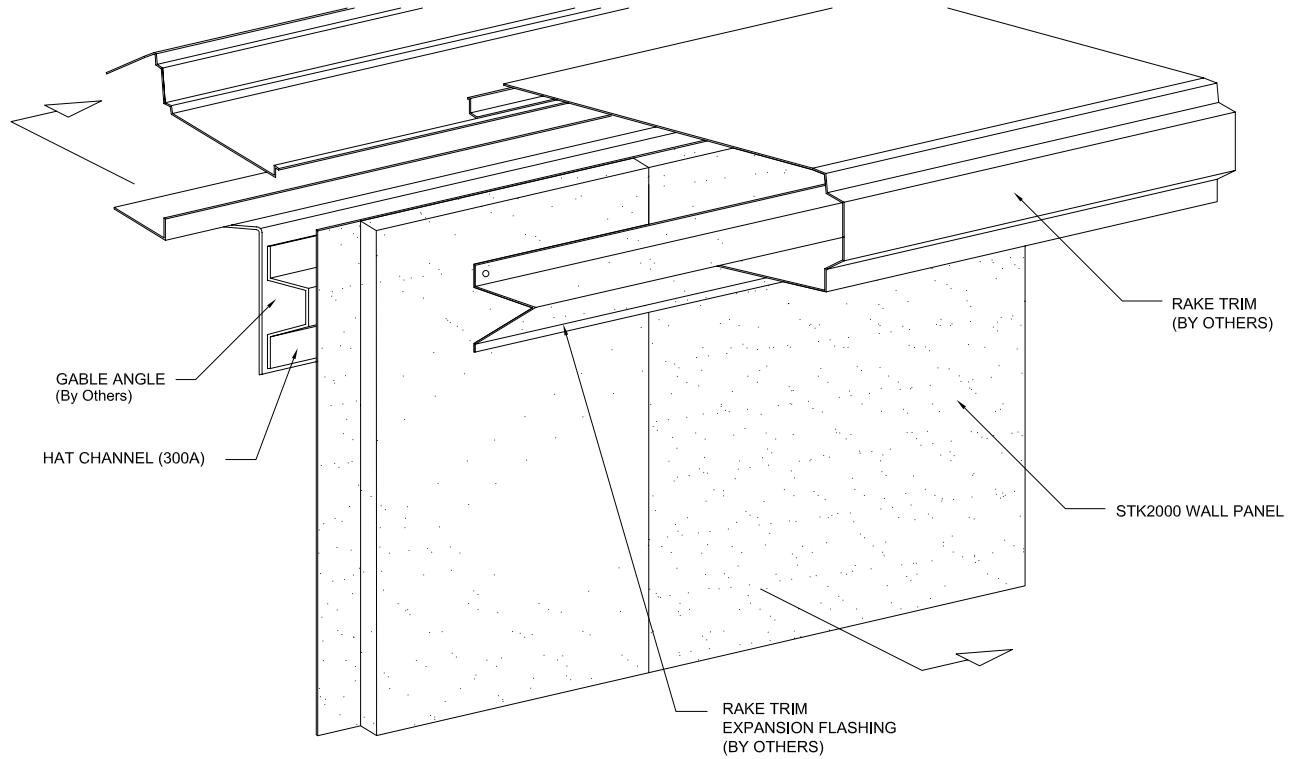
DETAIL 1017



## RAKE DETAIL WITH WALL PANELS WITH HAT CHANNEL

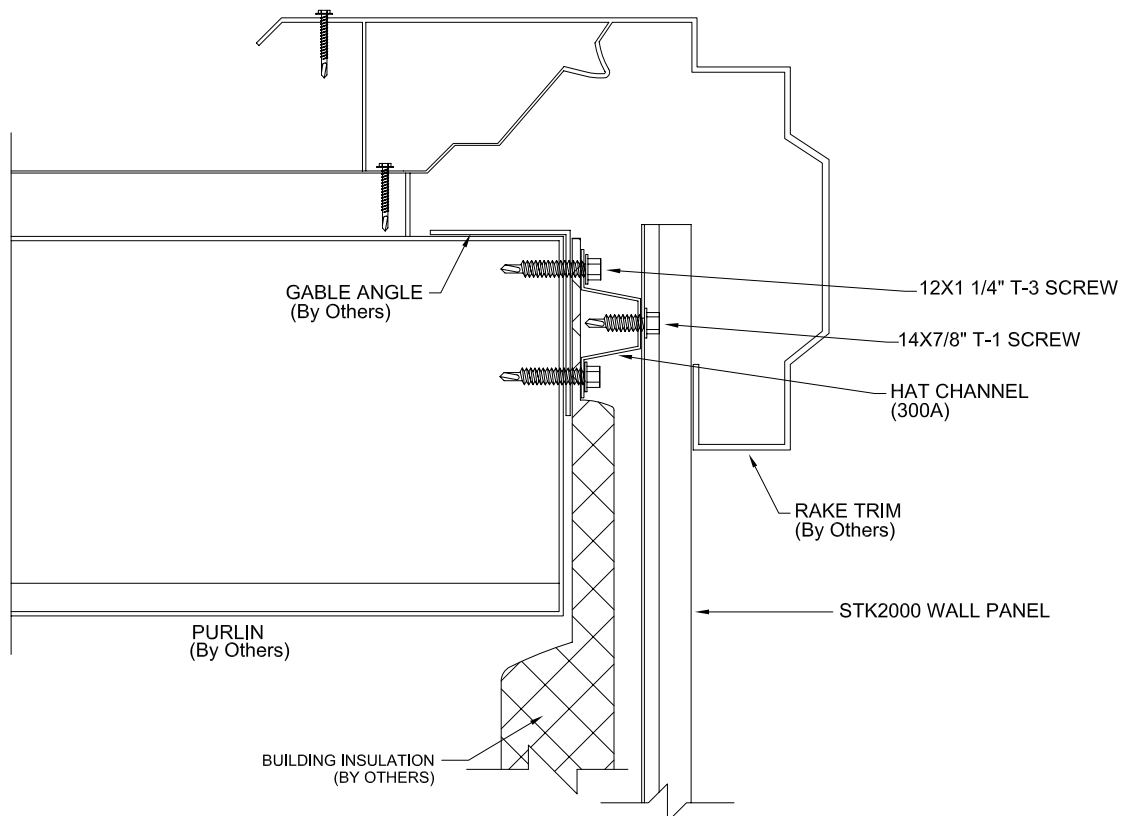
STRUKTUROC

DETAIL 1018



STRUKTUROC

DETAIL 1019

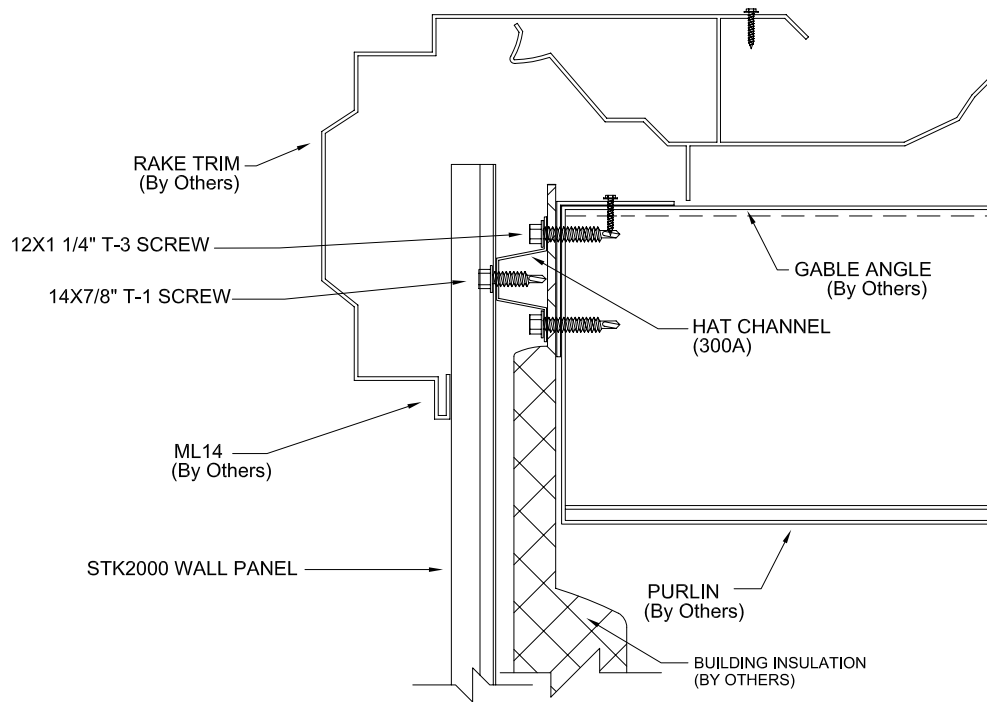


## WALL PANEL RAKE DETAIL WITH HAT CHANNEL

STRUKTUROC

DETAIL 1020

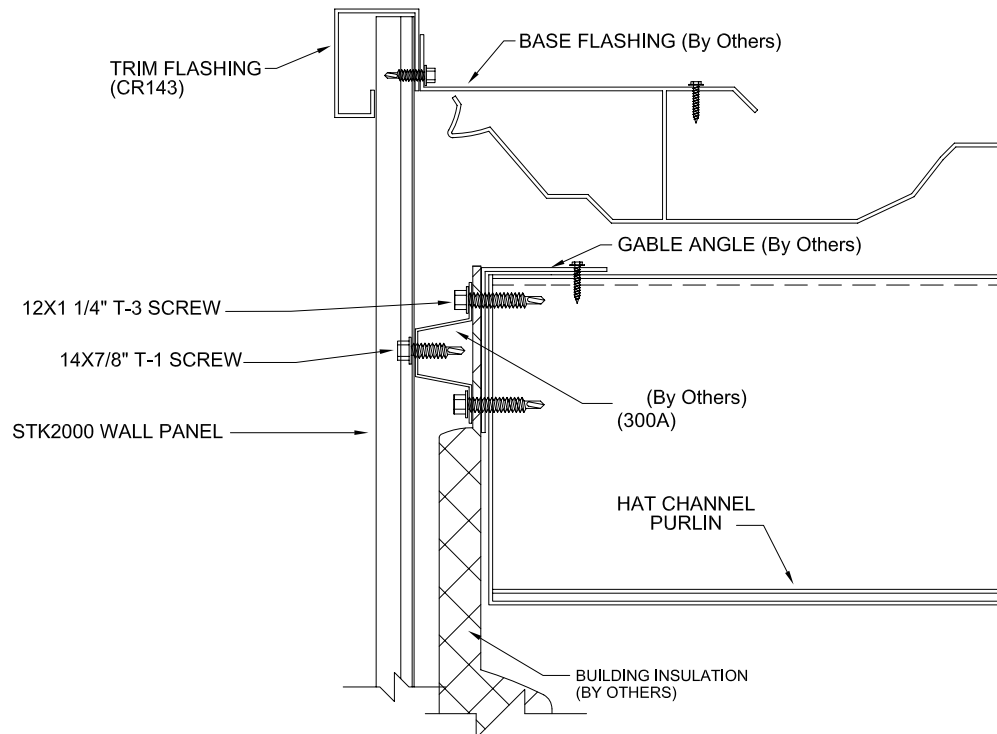
DETAIL AT RAKE WITH WALL PANEL



## WALL PANEL PLAZA ENDWALL DETAIL WITH HAT CHANNEL

STRUKTUROC

DETAIL 1021

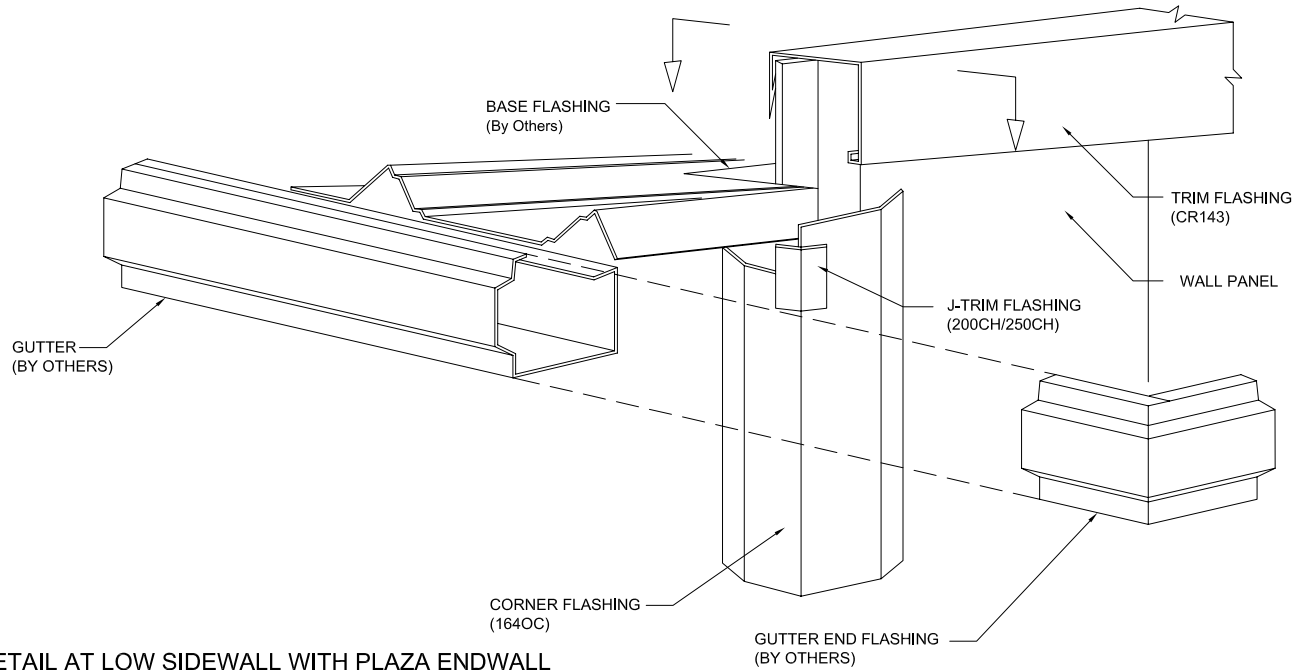


DETAIL AT PLAZA ENDWALL WITH WALL PANEL

## LOW SIDEWALL WITH PLAZA ENDWALL WITH WALL PANEL

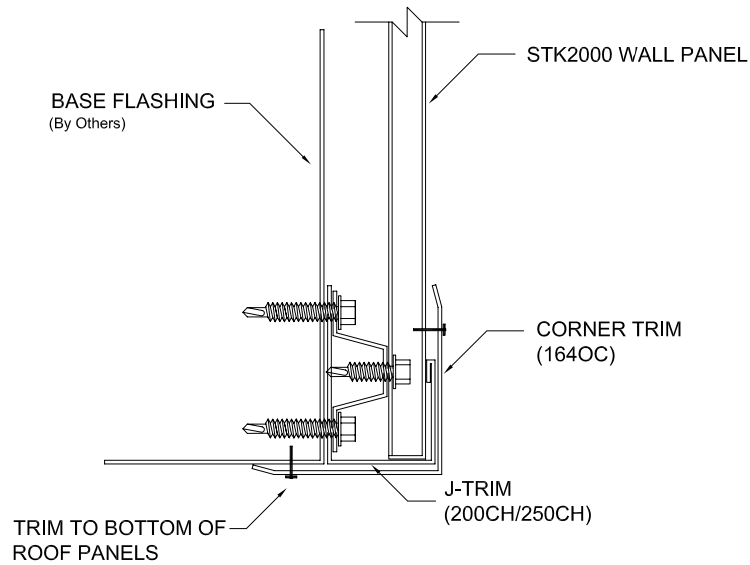
STRUKTUROC

DETAIL 1022



STRUKTUROC

DETAIL 1023



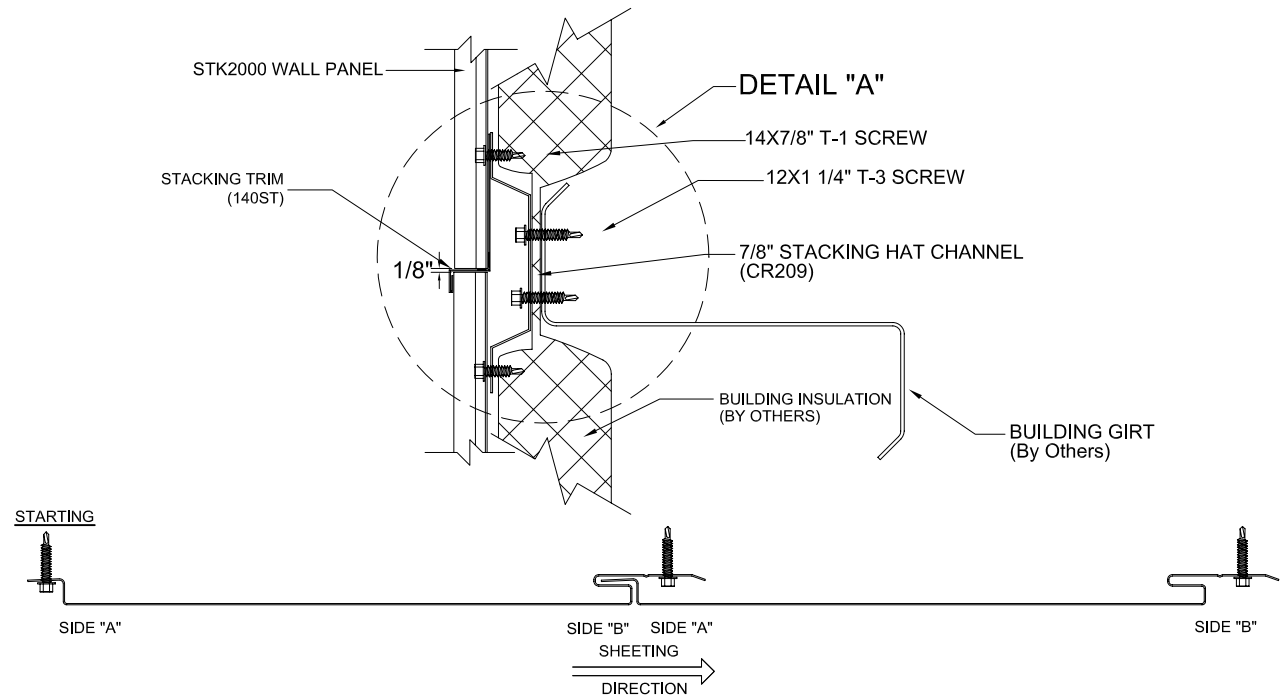
SECTION A-A

DETAIL AT WALL PANEL SPLICE

STRUKTUROC

DETAIL 1024

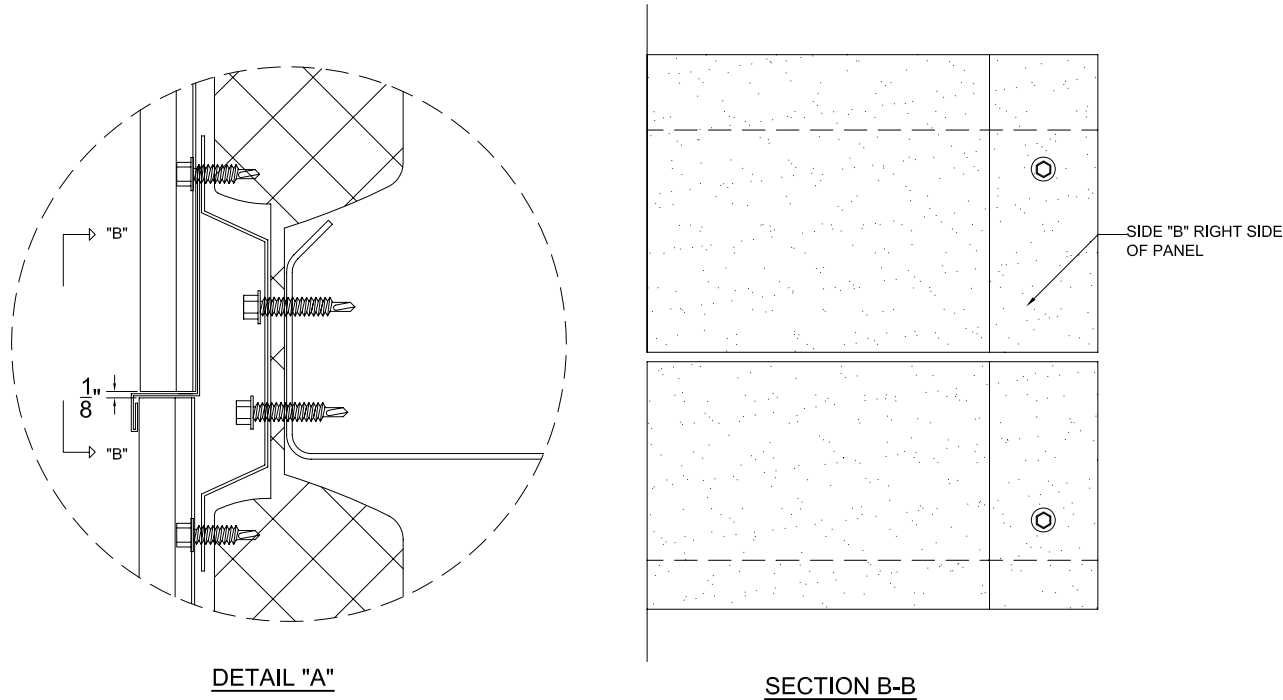
SECTION THRU WALL PANEL ENDCAP



STRUKTUROC

DETAIL 1025

LAPPING

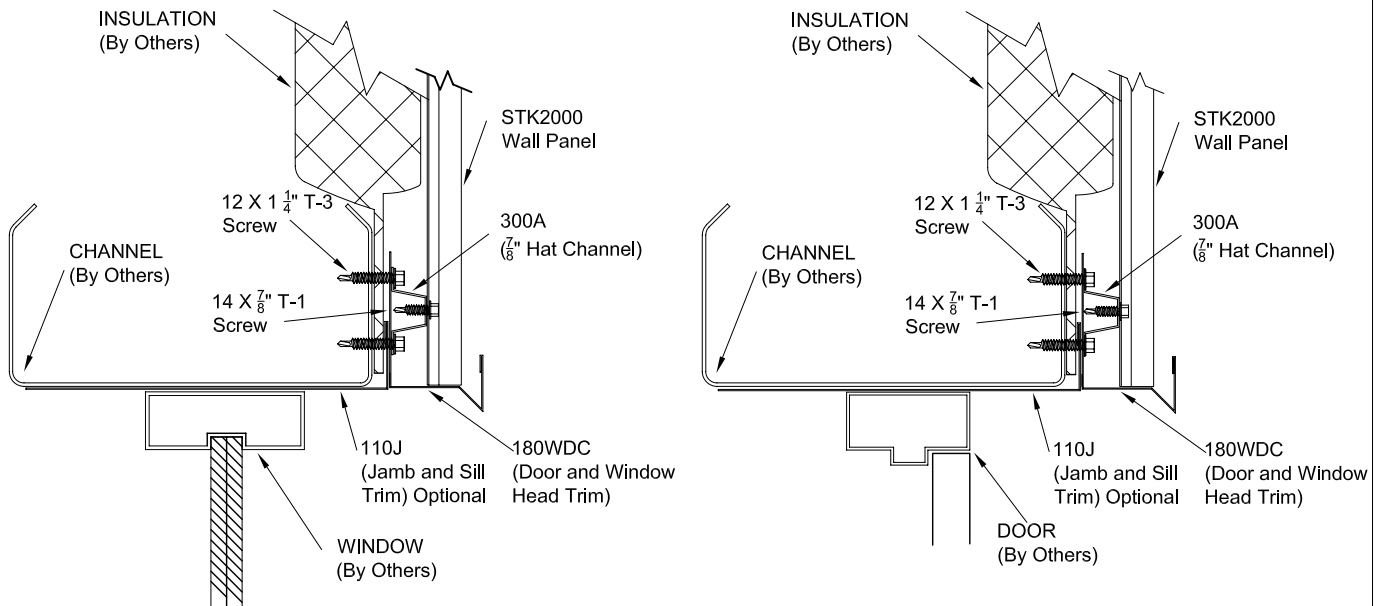


## DETAILS AT FRAMED OPENING WITH HAT CHANNEL

STRUKTUROC

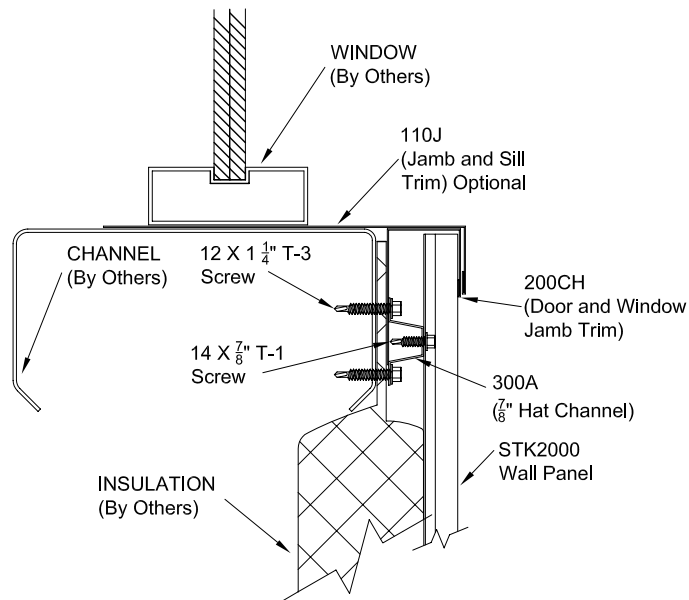
DETAIL 1026

### SECTION THRU FRAMED OPENING HEADER



STRUKTUROC

DETAIL 1027



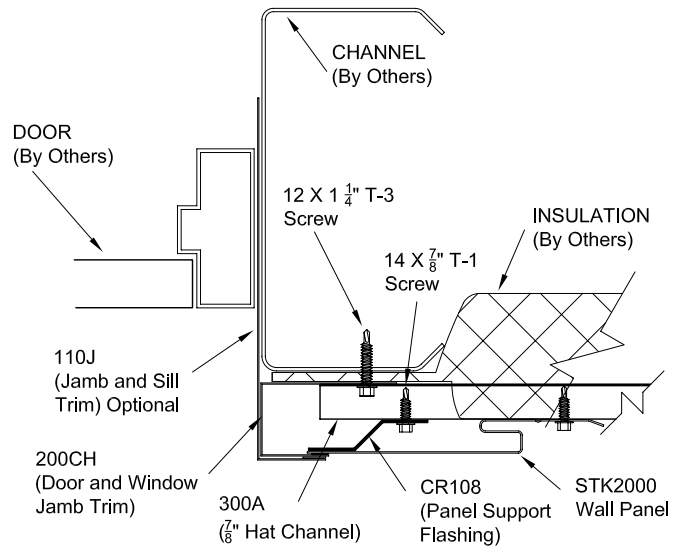
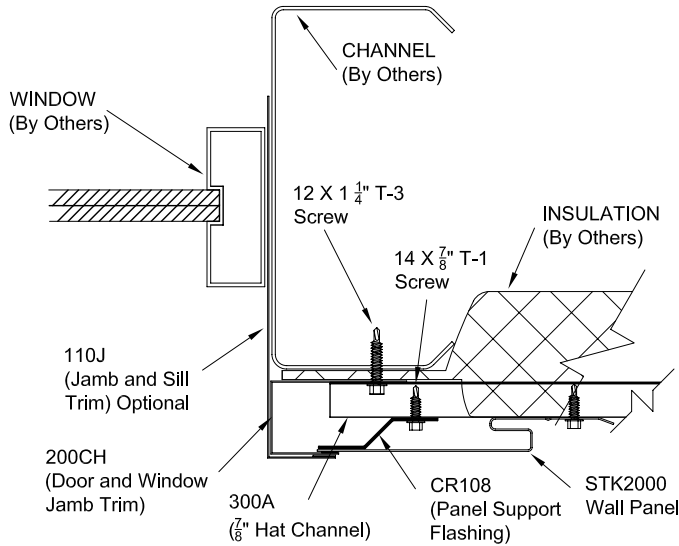
### SECTION THRU FRAMED OPENING SILL

## DETAILS AT FRAMED OPENING WITH HAT CHANNEL

STRUKTUROC

DETAIL 1028

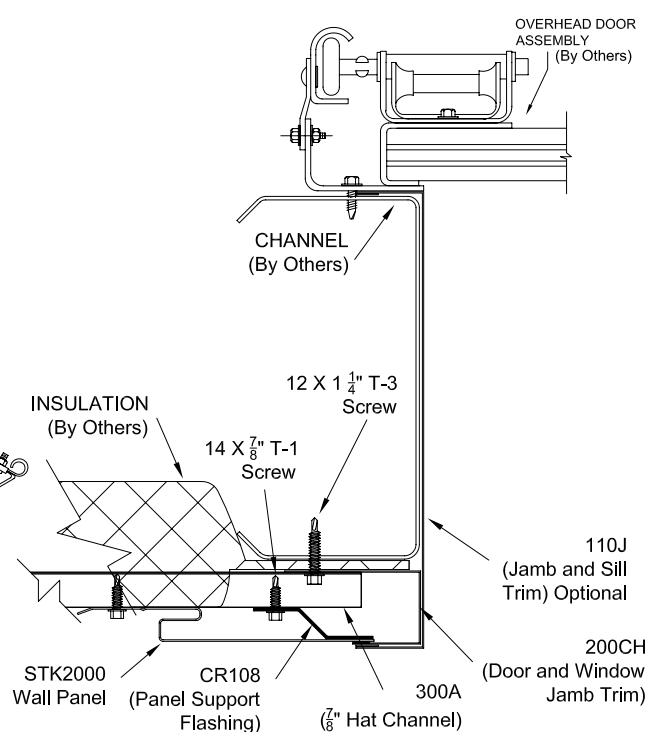
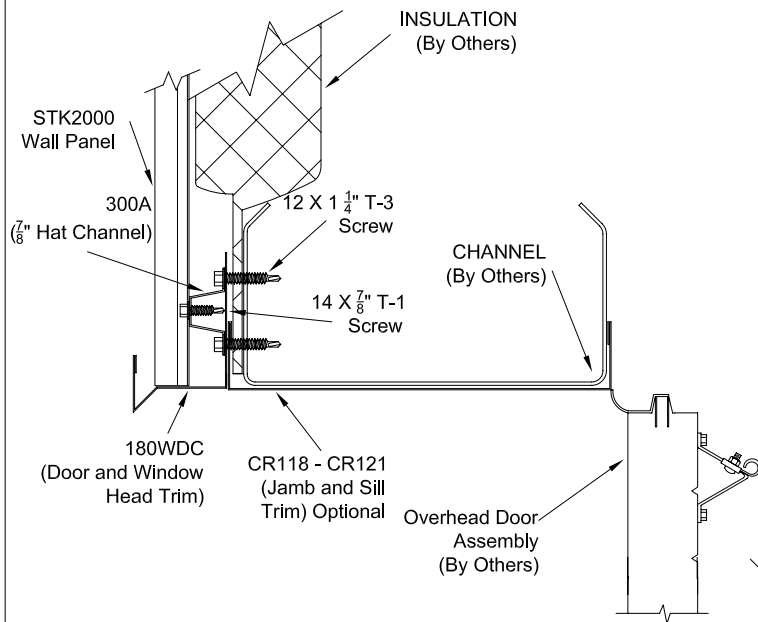
### SECTION THRU FRAMED OPENING JAMB



STRUKTUROC

DETAIL 1029

### SECTION THRU FRAMED OVERHEAD DOOR JAMB WITH OPTIONAL CR118 - CR121



### SECTION THRU FRAMED OVERHEAD DOOR HEADER WITH OPTIONAL CR118 - CR121

## **DETAILS WITHOUT HAT-CHANNEL CONTENTS:**

- **Wall Panel Base Details without Hat Channel**

- ✦ Detail 1030:
  - Base Detail w/o Notch w/ Base Channel
- ✦ Detail 1031:
  - Base Detail w/ Notch w/ Base Channel

- **Wall Panel Base Details without Hat Channel**

- ✦ Detail 1032:
  - Detail at Wall Open For Masonry
- ✦ Detail 1033:
  - Detail at Wall Open For Access

- **Wall Panel with Partially Open Wall**

- ✦ Detail 1034:
- ✦ Detail 1035:

- **Wall Panel Base Detail without Hat Channel**

- ✦ Detail 1036:
  - Detail at Wall Open For Masonry
- ✦ Detail 1037:
  - Detail at Eave w/ False Gutter w/ Wall Panel

- **Wall Panel Corner Details**

- ✦ Detail 1038:
  - Outside Corner Flush

- **Wall Panel Corner Detail without Hat Channel**

- ✦ Detail 1040:
  - Outside Corner Bypass Girts
- ✦ Detail 1041:
  - Inside Corner

- **Wall Panel Eave Detail without Hat Channel**

- ✦ Detail 1042:
  - Detail at Guttered Eave w/ Wall Panel
- ✦ Detail 1043:
  - Detail at Plain Eave w/ Wall Panel



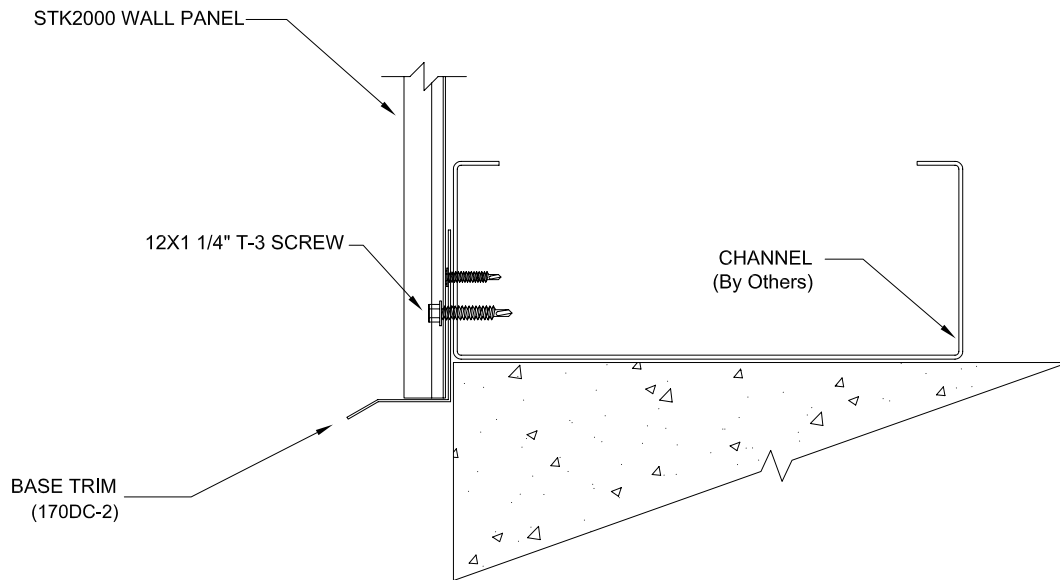
- **Rake Detail with Wall Panel without Hat Channel**
  - ✦ Detail 1044:
  - ✦ Detail 1045:
    - Shown w/o Thermal Block
  
- **Wall Panel Rake Detail without Hat Channel**
  - ✦ Detail 1046:
    - Detail at Rake w/ Wall Panel
  
- **Wall Panel Plaza End wall Detail without Hat Channel**
  - ✦ Detail 1047:
    - Detail at Plaza End wall w/ Wall Panel
  
- **Detail at Wall Panel Splice without Hat Channel**
  - ✦ Detail 1048:
    - Section thru Wall Panel End lap
  - ✦ Detail 1049:
    - Lapping
  
- **Details at Framed Opening without Hat Channel**
  - ✦ Detail 1050:
    - Section Thru Framed Opening Header (Optional 110J)
  - ✦ Detail 1051:
    - Section Thru Framed Opening Sill (Optional 110J)
  
- **Details at Framed Openings without Hat Channel**
  - ✦ Detail 1052:
    - Section Thru Framed Opening Jamb (Optional 110J)
  - ✦ Detail 1053:
    - Section Thru Framed Overhead Door and Head (Optional CR118 – CR121)

## WALL PANEL BASE DETAILS WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1030

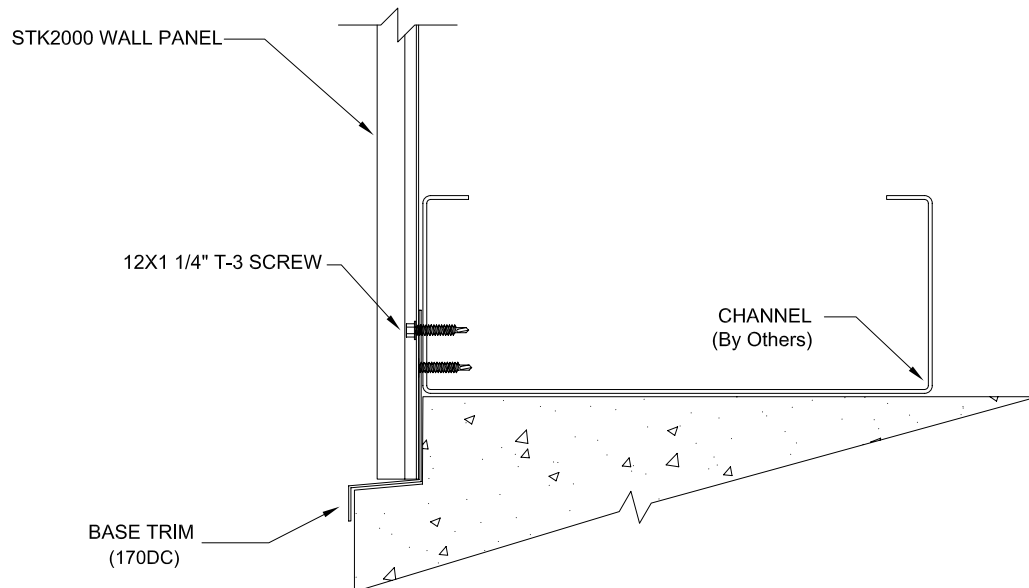
### BASE DETAIL WITHOUT NOTCH WITH BASE CHANNEL



STRUKTUROC

DETAIL 1031

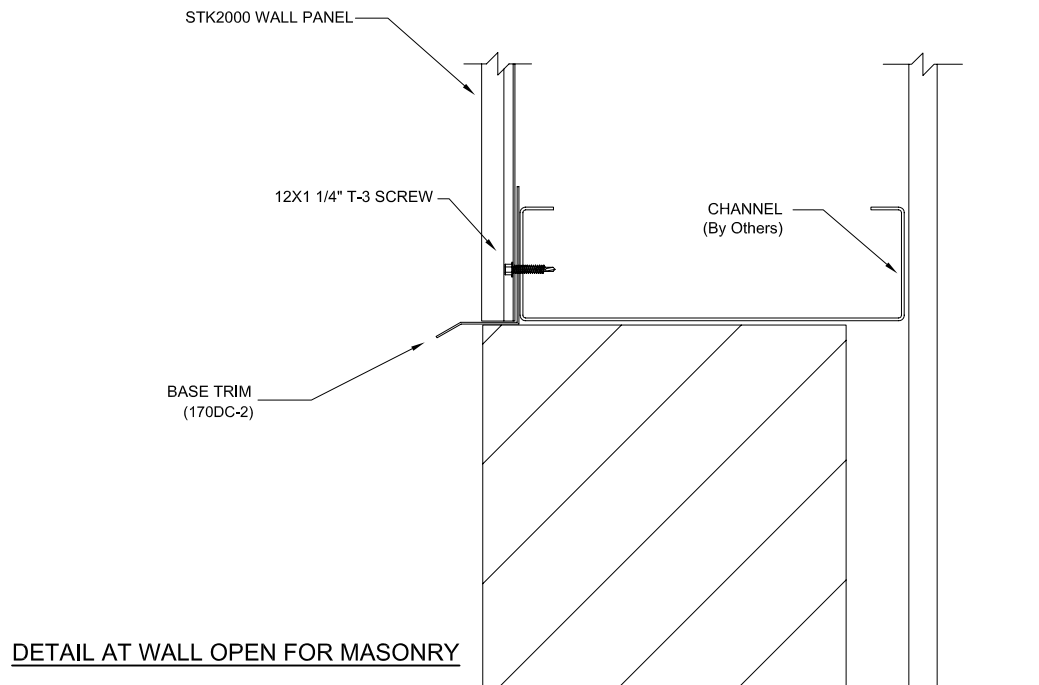
### BASE DETAIL W/ NOTCH W/ BASE CHANNEL



## WALL PANEL BASE DETAILS WITHOUT HAT CHANNEL

STRUKTUROC

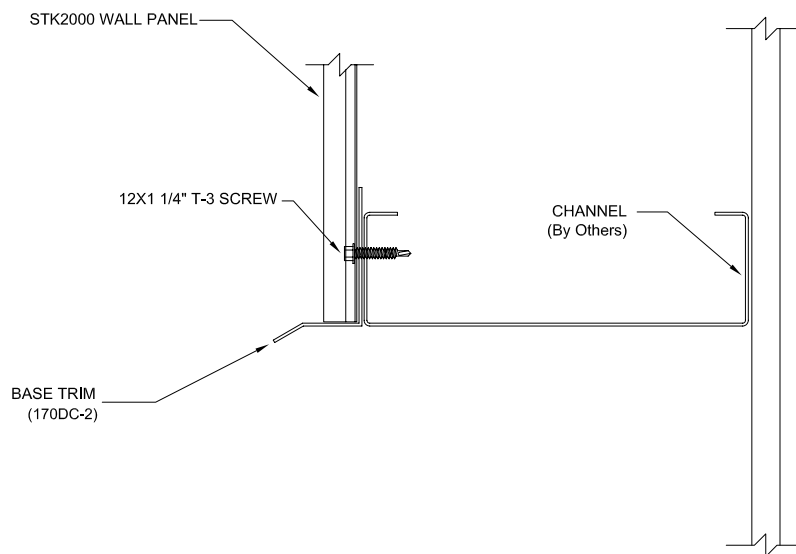
DETAIL 1032



STRUKTUROC

DETAIL 1033

DETAIL AT WALL OPEN FOR ACCESS

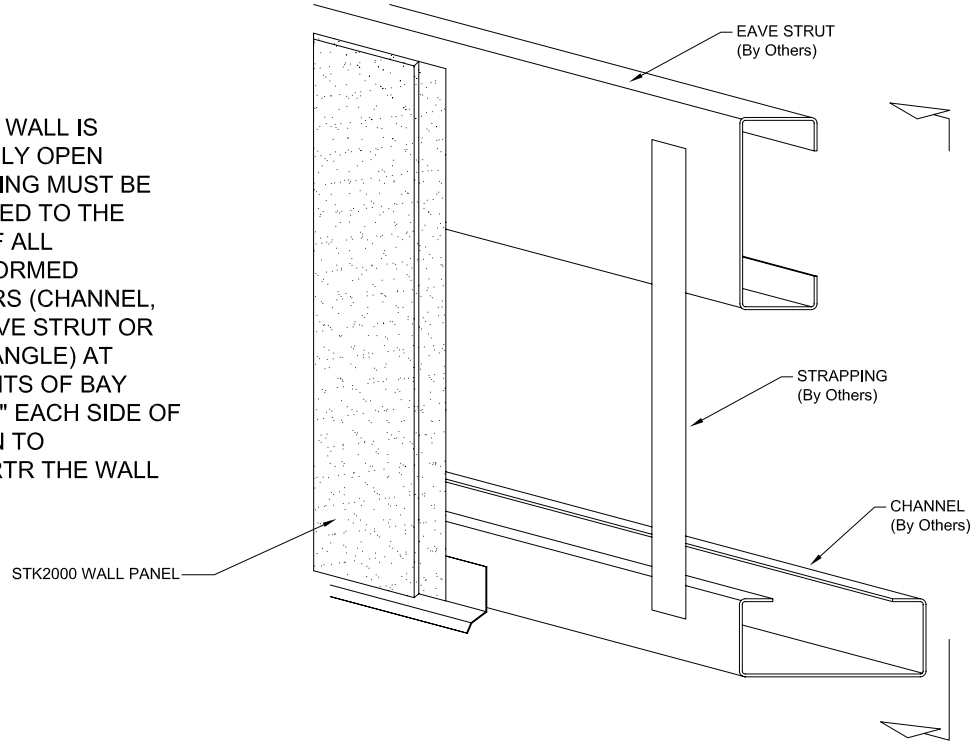


# WALL PANEL WITH PARTIALLY OPEN WALL WITH OUT HAT CHANNEL

STRUKTUROC

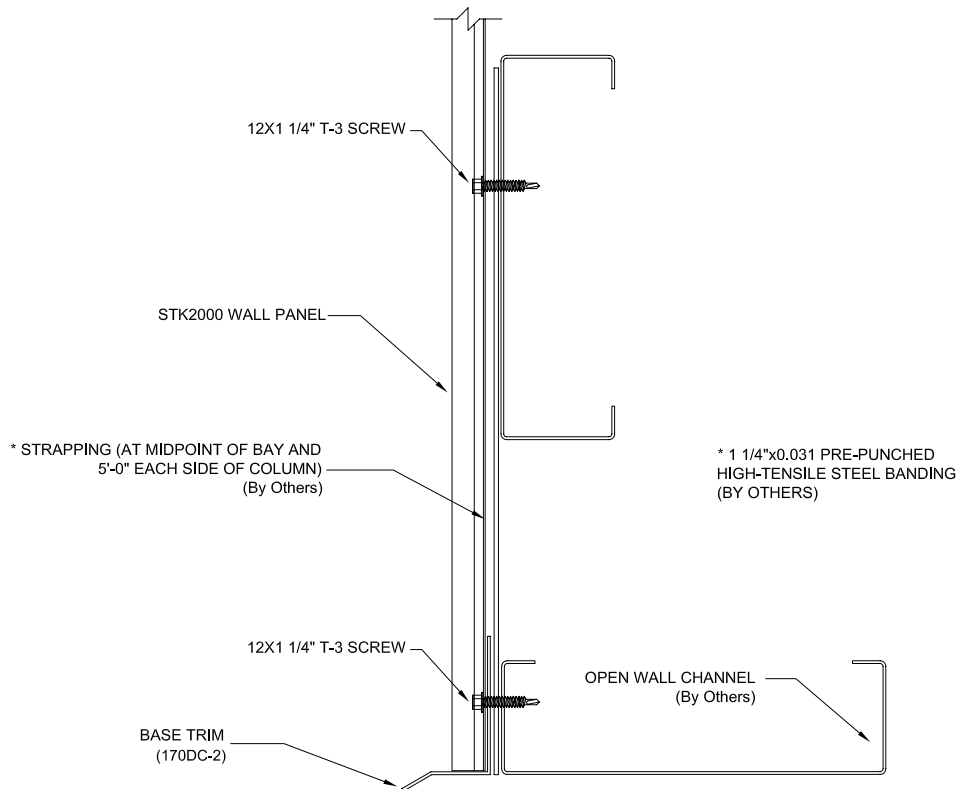
DETAIL 1034

WHEN A WALL IS PARTIALLY OPEN STRAPPING MUST BE ATTACHED TO THE FACE OF ALL COLD-FORMED MEMBERS (CHANNEL, ZEE, EAVE STRUT OR GABLE ANGLE) AT MIDPOINTS OF BAY AND 5'-0" EACH SIDE OF COLUMN TO SUPPORTR THE WALL PANELS.



STRUKTUROC

DETAIL 1035

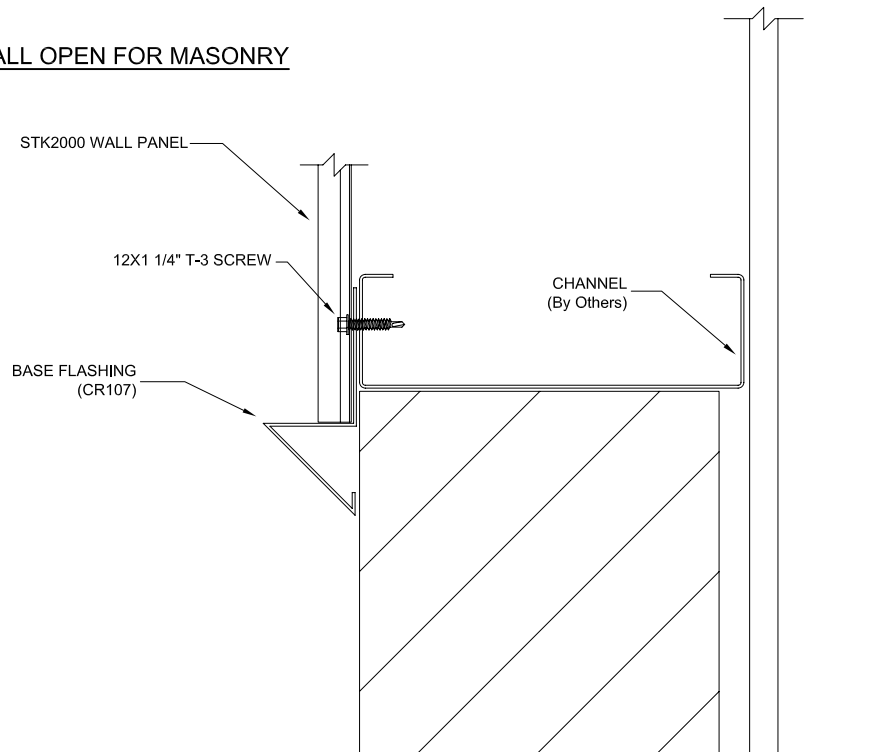


## WALL PANEL BASE DETAIL WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1036

### DETAIL AT WALL OPEN FOR MASONRY

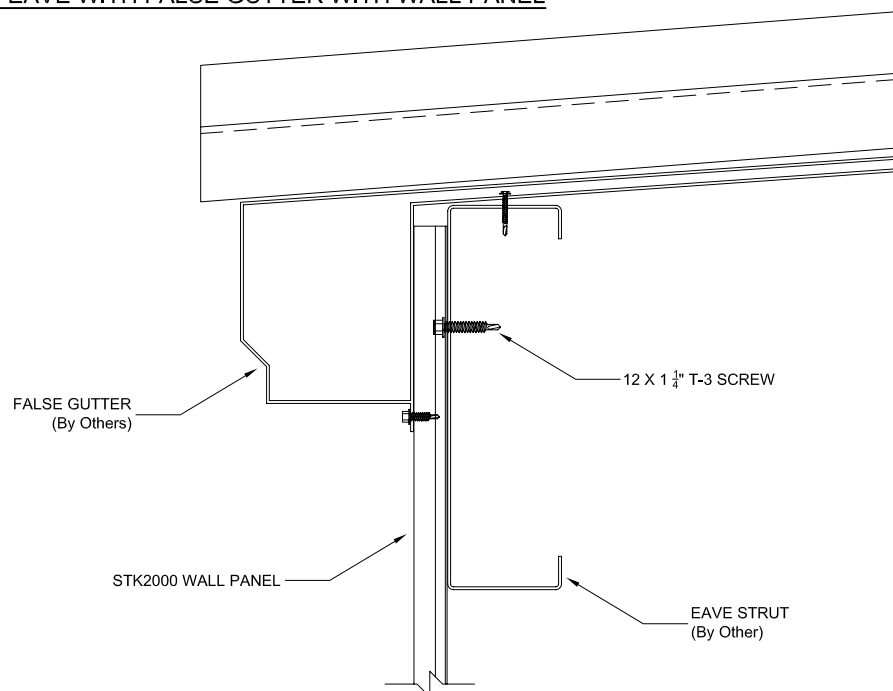


## WALL PANEL FALSE GUTTER WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1037

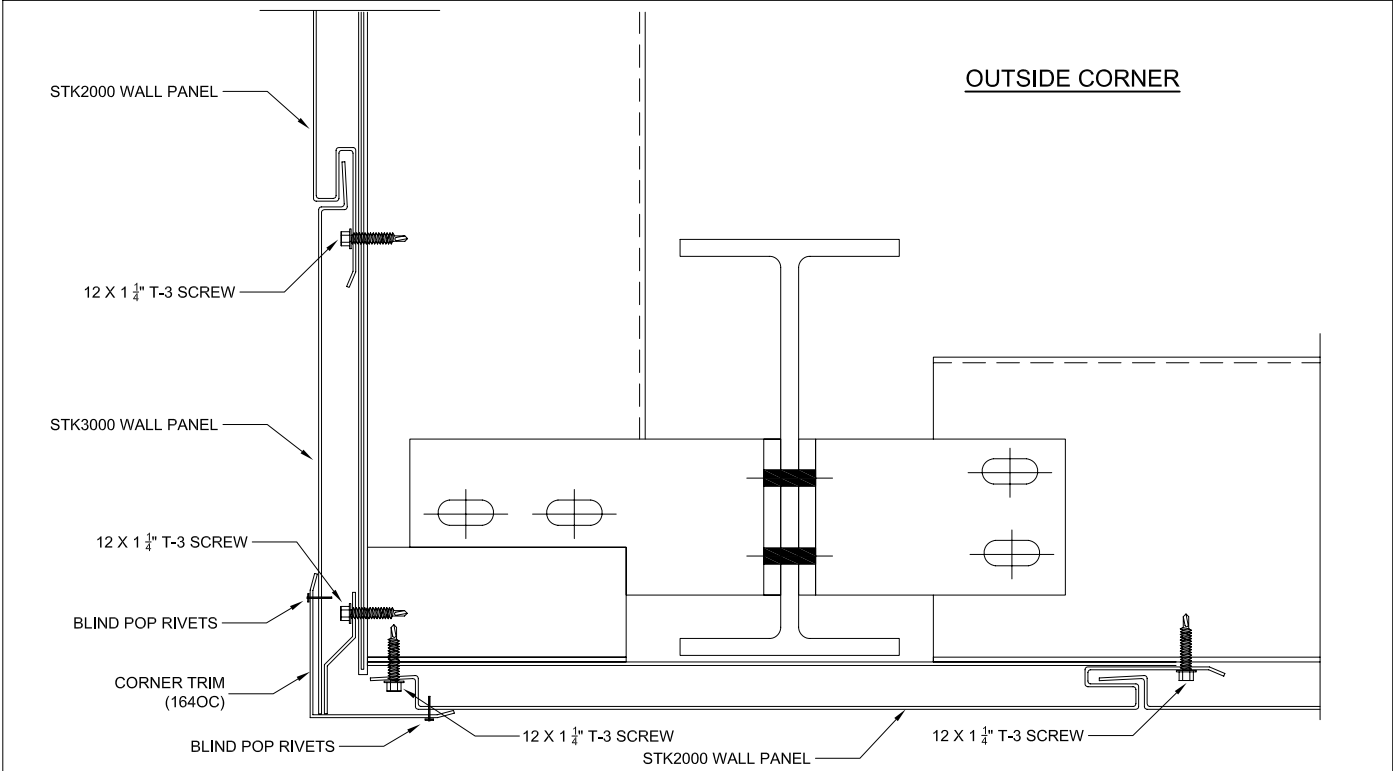
### DETAIL AT EAVE WITH FALSE GUTTER WITH WALL PANEL



WALL PANEL CORNER DETAIL WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1038

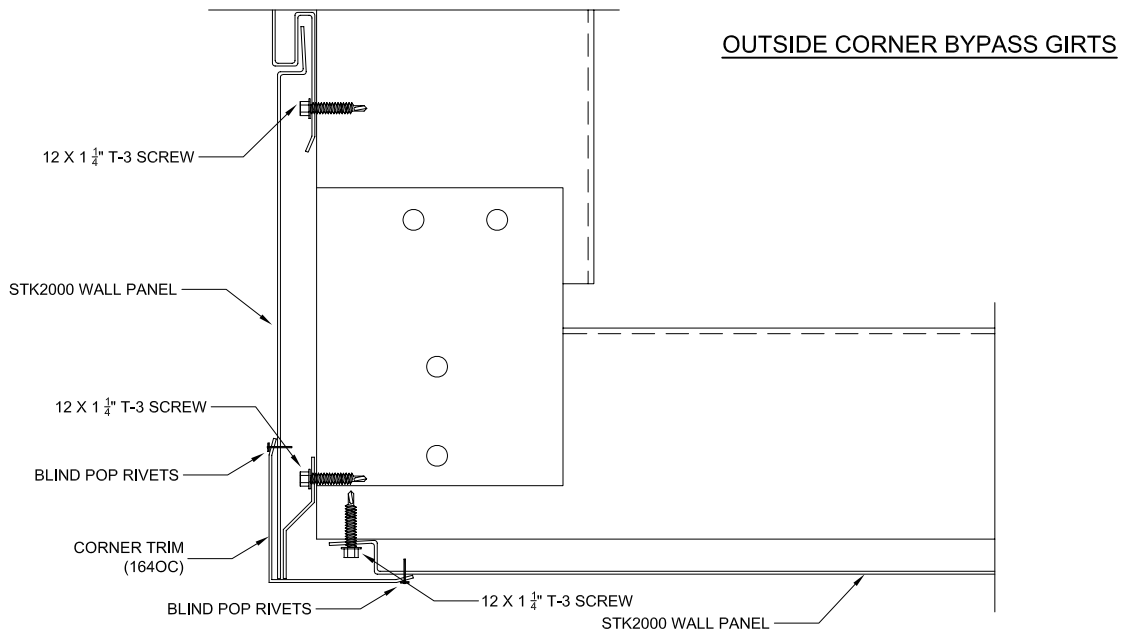


THIS SPACE WAS INTENTIONALLY LEFT BLANK

## WALL PANEL CORNER DETAIL WITHOUT HAT CHANNEL

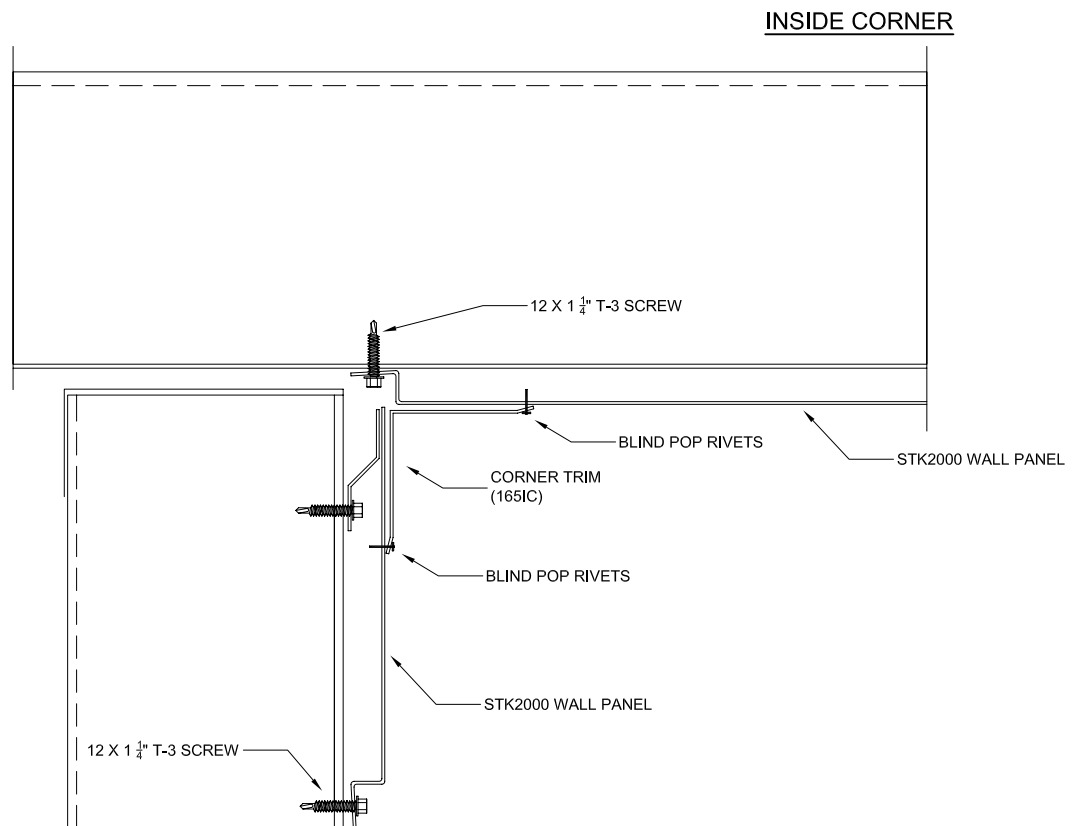
STRUKTUROC

DETAIL 1040



STRUKTUROC

DETAIL 1041

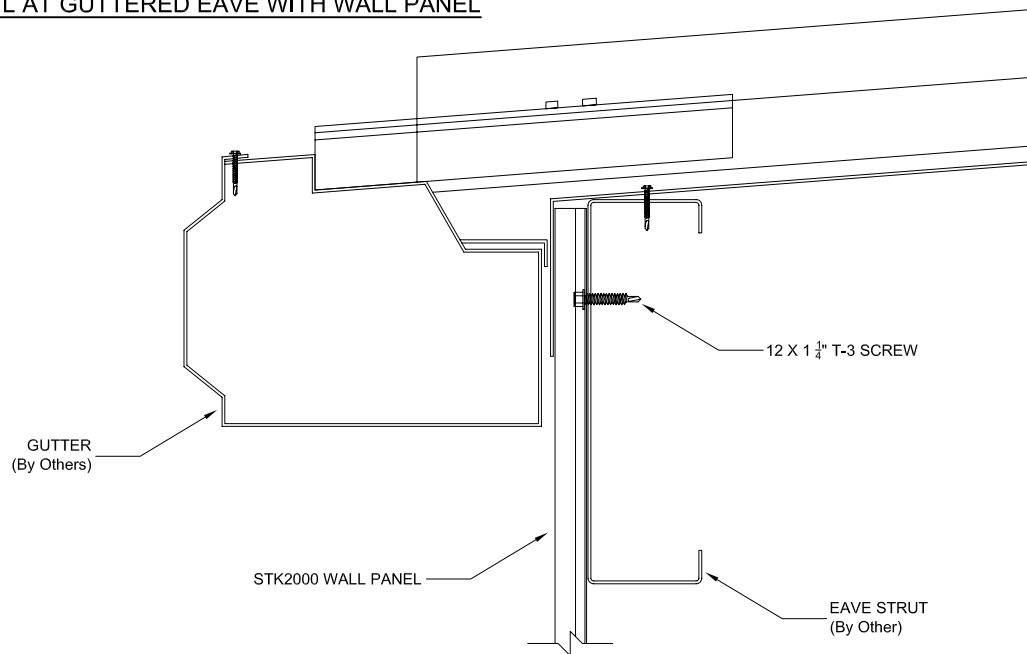


## WALL PANEL EAVE DETAILS WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1042

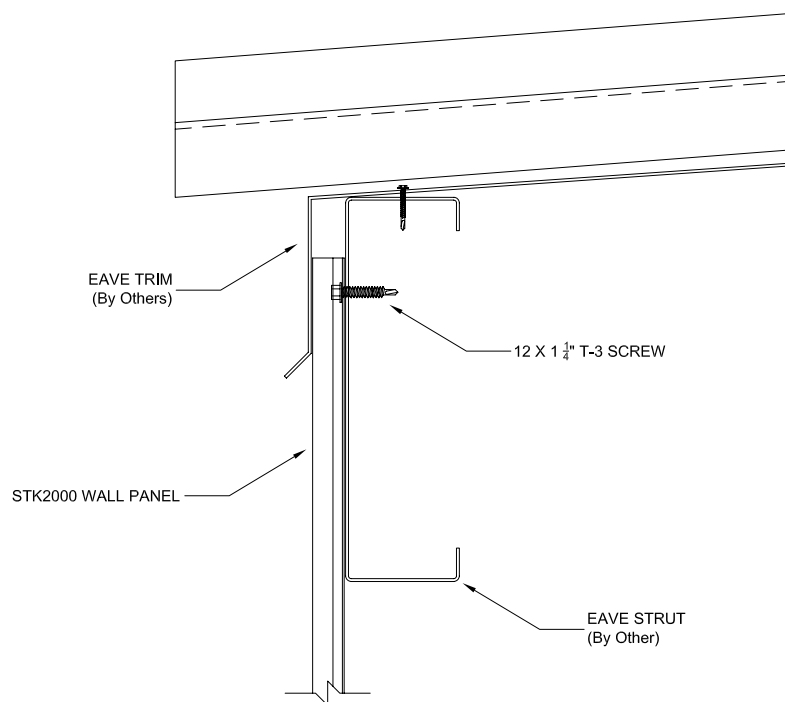
### DETAIL AT GUTTERED EAVE WITH WALL PANEL



STRUKTUROC

DETAIL 1043

### DETAIL AT PLAIN EAVE WITH WALL PANEL

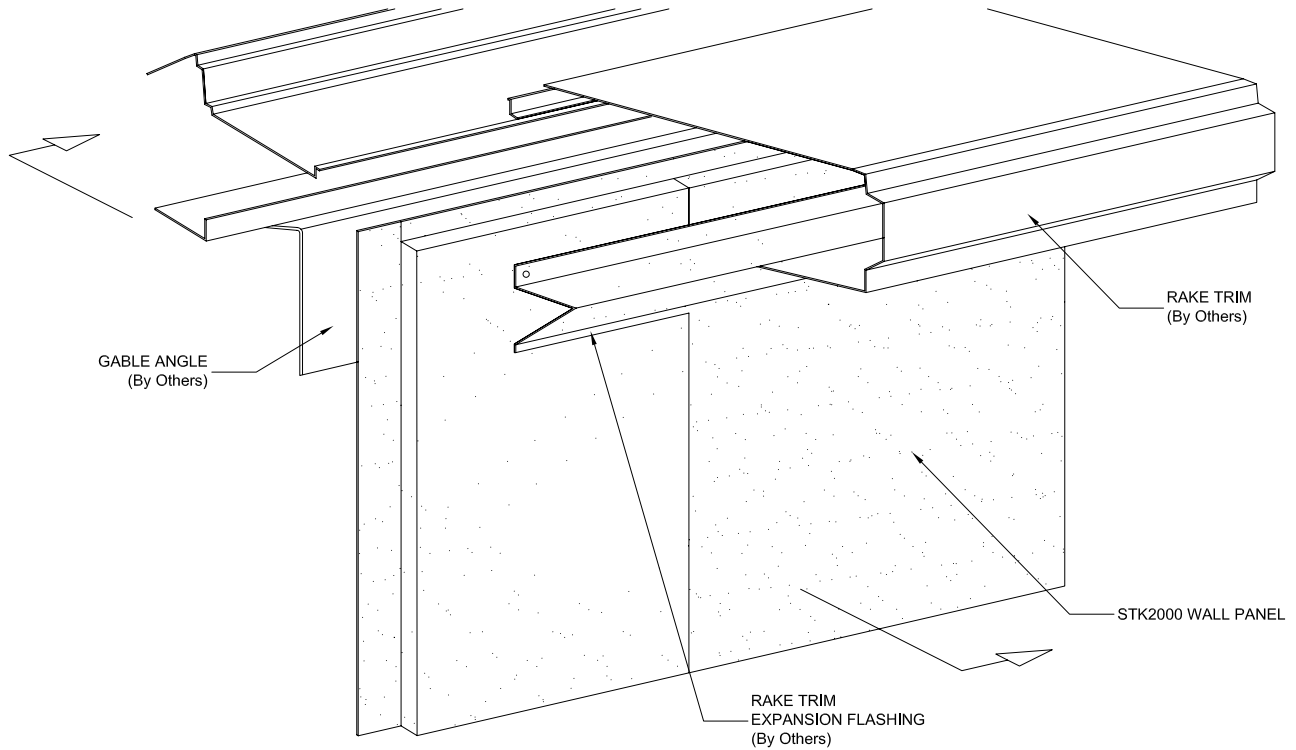




## RAKE DETAIL WITH WALL PANEL WITHOUT HAT CHANNEL

STRUKTUROC

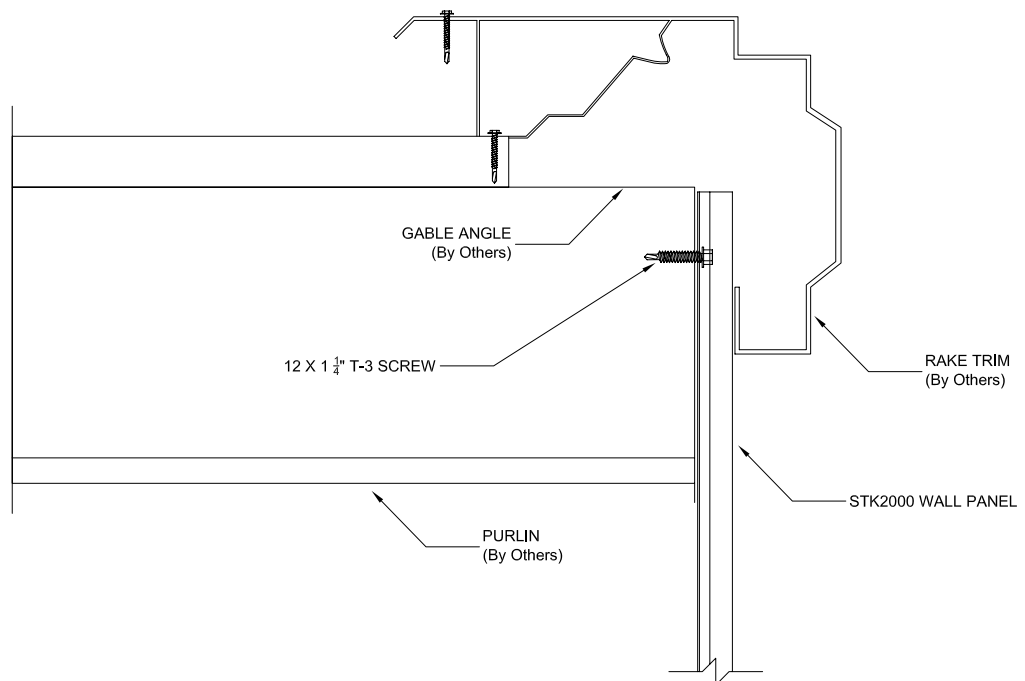
DETAIL 1044



STRUKTUROC

DETAIL 1045

### SECTION A-A SHOWN WITHOUT THERMAL BLOCK

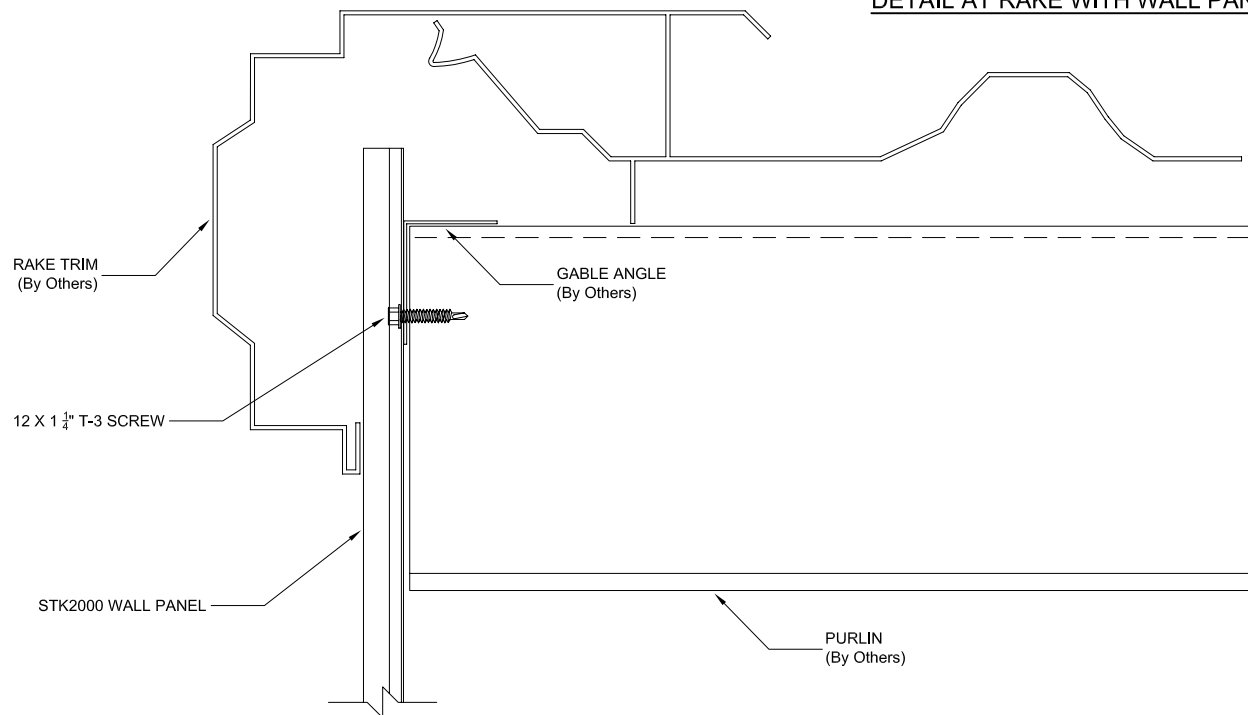


## WALL PANEL RAKE DETAIL WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1046

### DETAIL AT RAKE WITH WALL PANEL

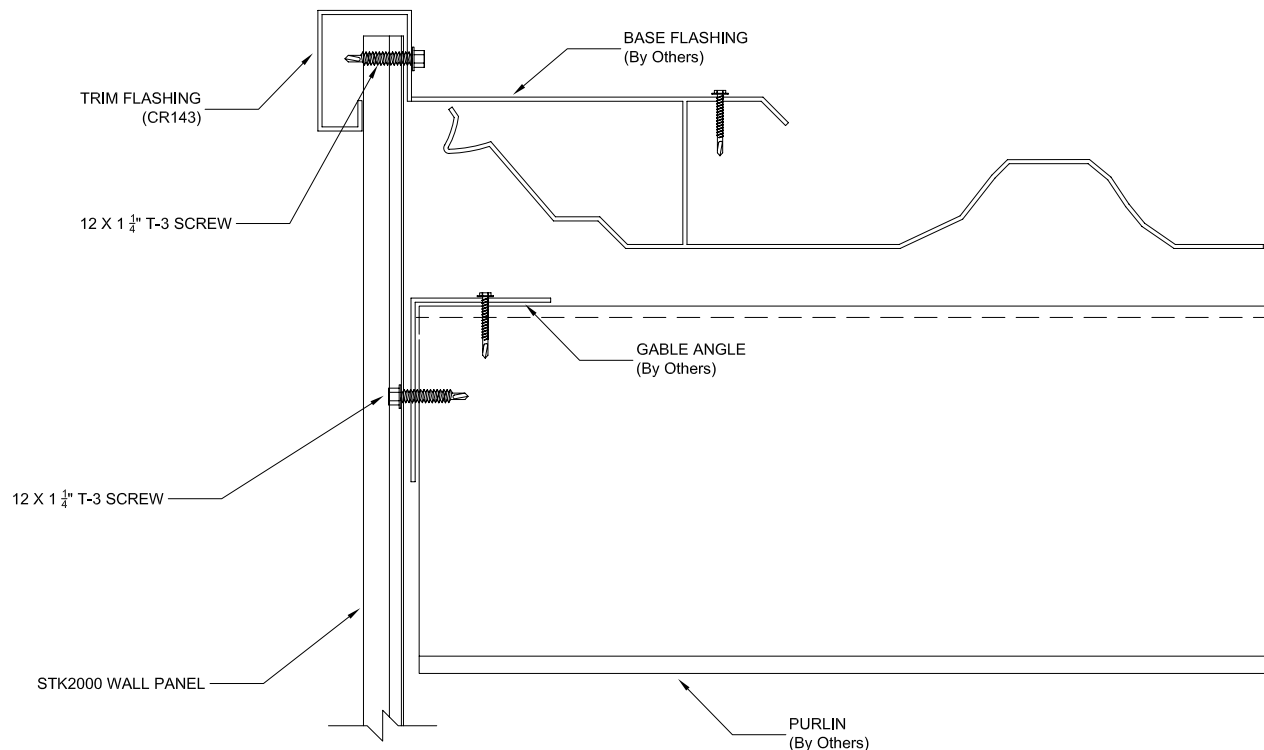


## WALL PANEL PLAZA ENDWALL WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1047

### DETAIL AT PLAZA ENDWALL WITH WALL PANEL

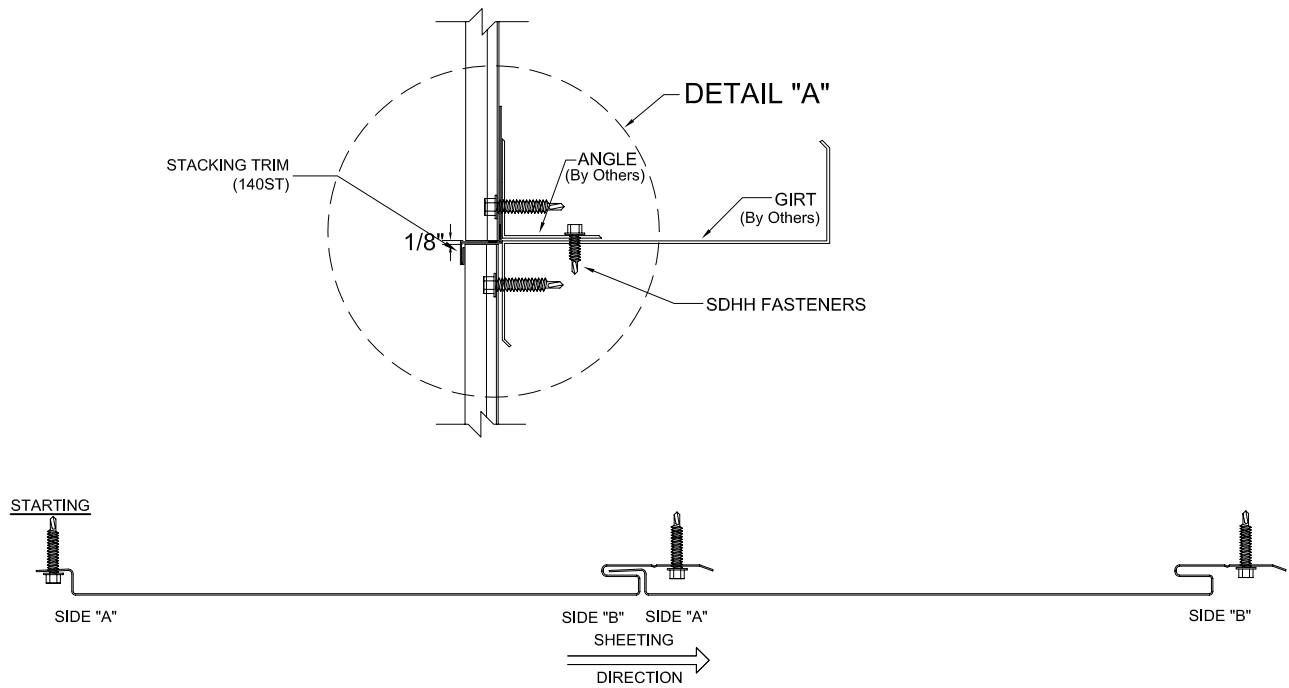


## DETAIL AT WALL PANEL SPLICE WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1048

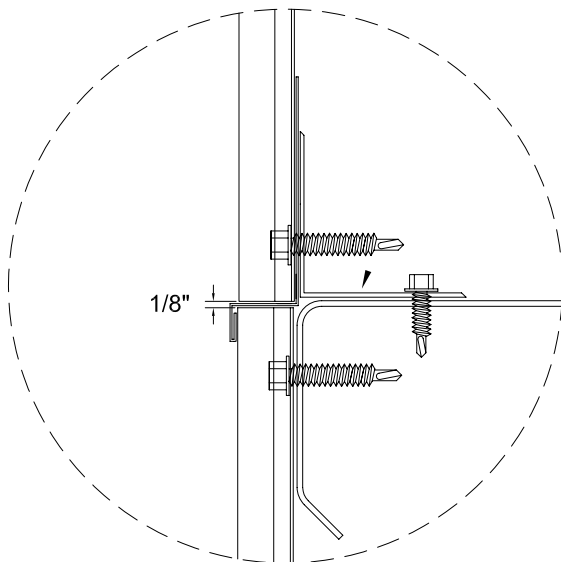
### SECTION THRU WALL PANEL ENDCAP



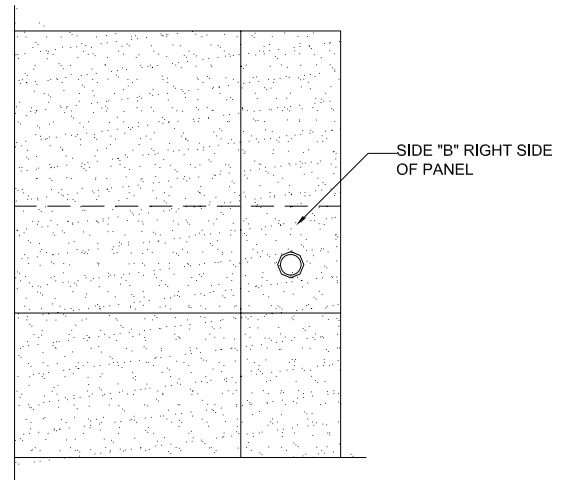
STRUKTUROC

DETAIL 1049

### LAPPING



DETAIL "A"



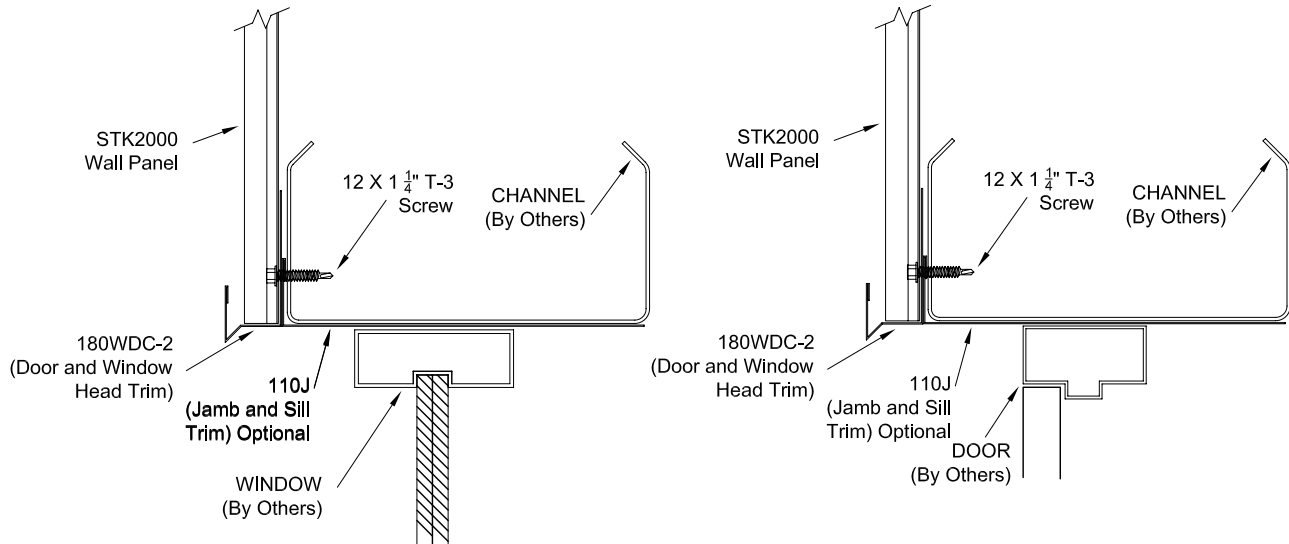
SECTION B-B

## DETAILS AT FRAMED OPENING WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1050

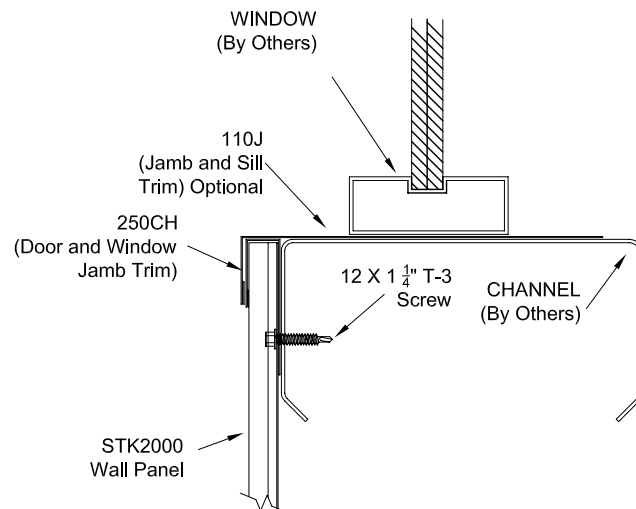
### SECTION THRU FRAMED OPENING HEADER WITH OPTIONAL 110J



STRUKTUROC

DETAIL 1051

### SECTION THRU FRAMED OPENING SILL WITH OPTIONAL 110J

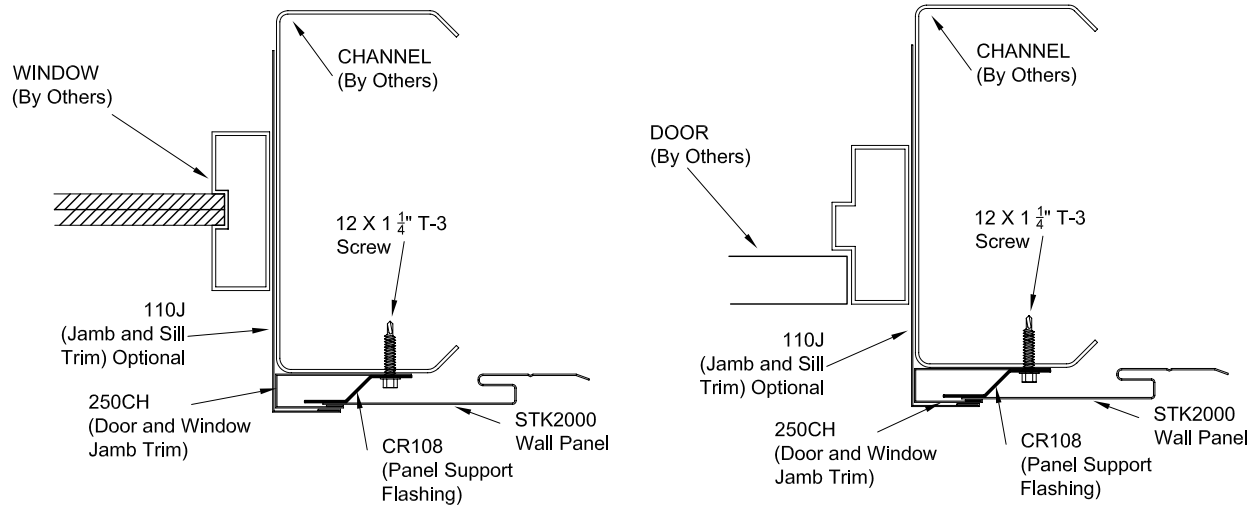


## DETAILS AT FRAMED OPENING WITHOUT HAT CHANNEL

STRUKTUROC

DETAIL 1052

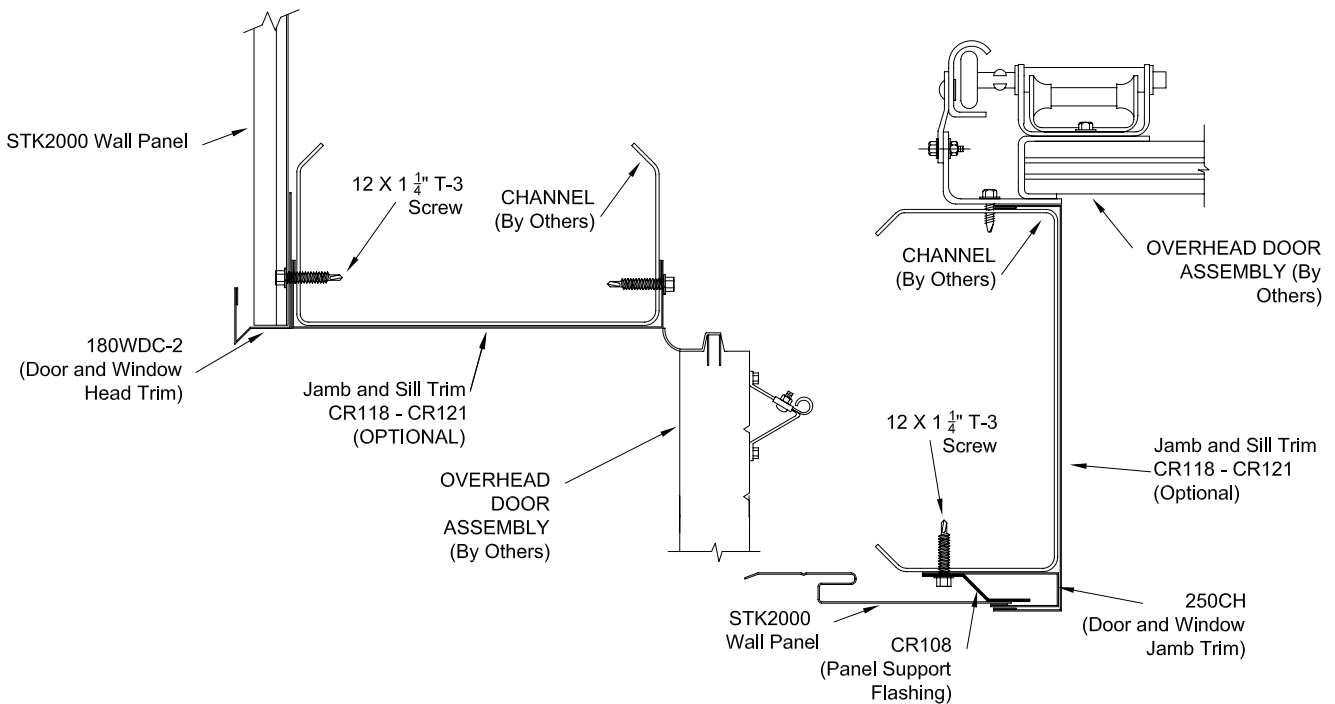
### SECTION THRU FRAMED OPENING JAMB WITH OPTIONAL 110J



STRUKTUROC

DETAIL 1053

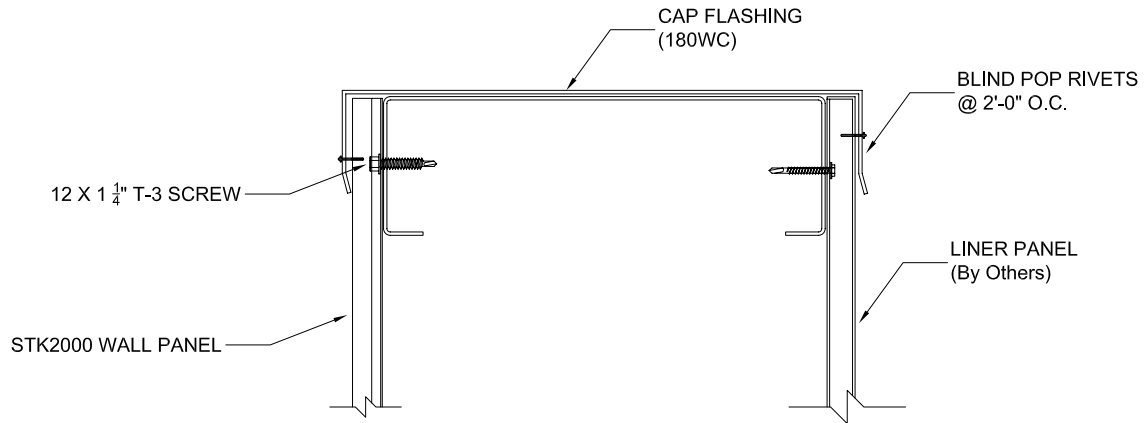
### SECTION THRU FRAMED OVERHEAD DOOR JAMB WITH OPTIONAL CR118 - CR121



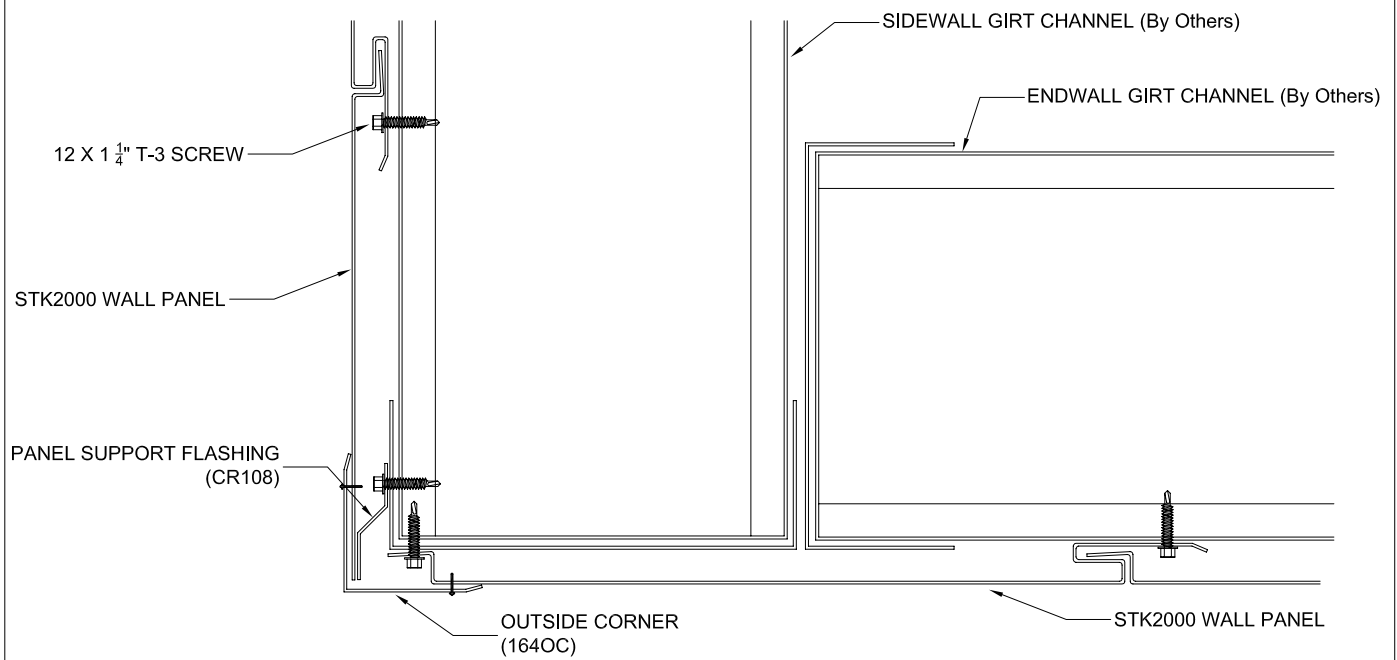
### SECTION THRU FRAMED OVERHEAD DOOR HEADER WITH OPTIONAL CR118 - CR121

## **FACADE APPLICATIONS**

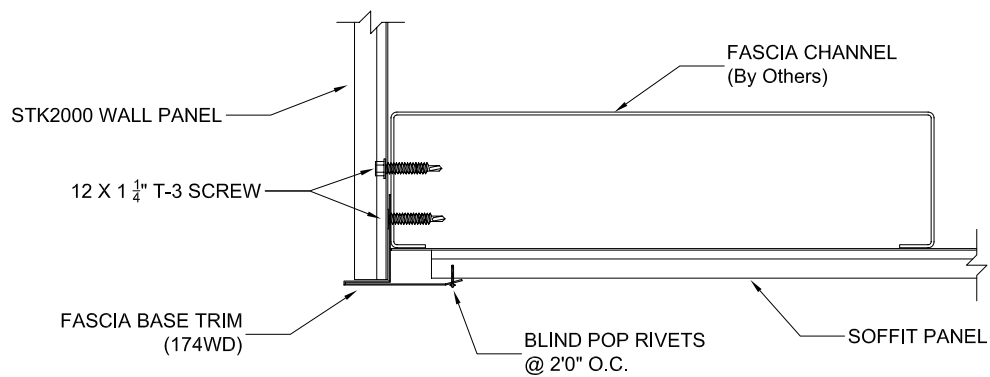
- **Page One:**
  - ✦ Section Cuts (174WD)
- **Page Two:**
  - ✦ Sidewall Detail With Gutter (174WD)
- **Page Three:**
  - ✦ Exterior Corner Detail (174WD)
- **Page Four:**
  - ✦ Interior Corner Detail (174WD)
- **Page Five:**
  - ✦ Section Cuts (BF1X)
- **Page Six:**
  - ✦ Sidewall Detail With Gutter (BF1X)
- **Page Seven:**
  - ✦ Exterior Corner Detail (BF1X)
- **Page Eight:**
  - ✦ Interior Corner Detail (BF1X)



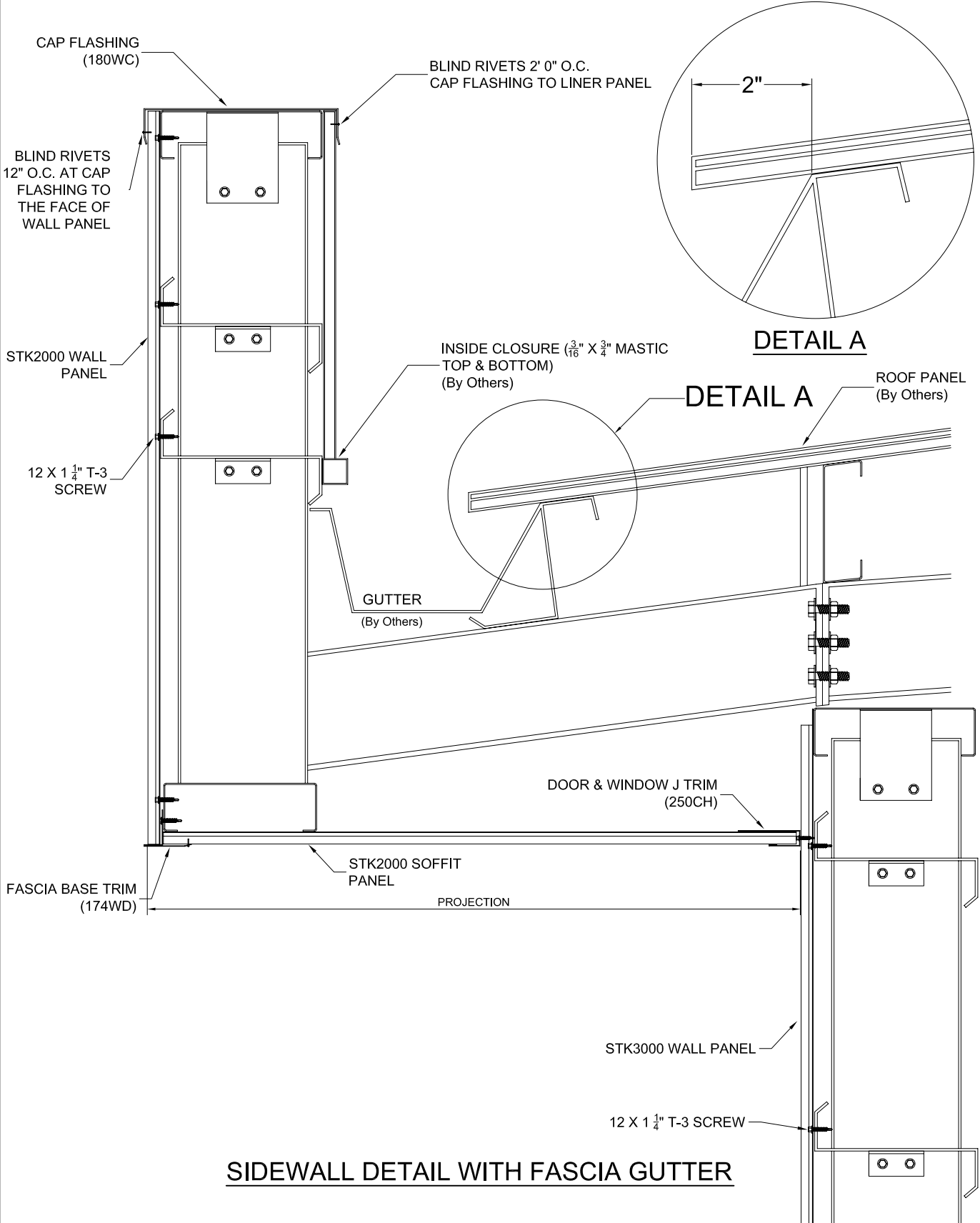
SECTION AT TOP



SECTION AT CORNER

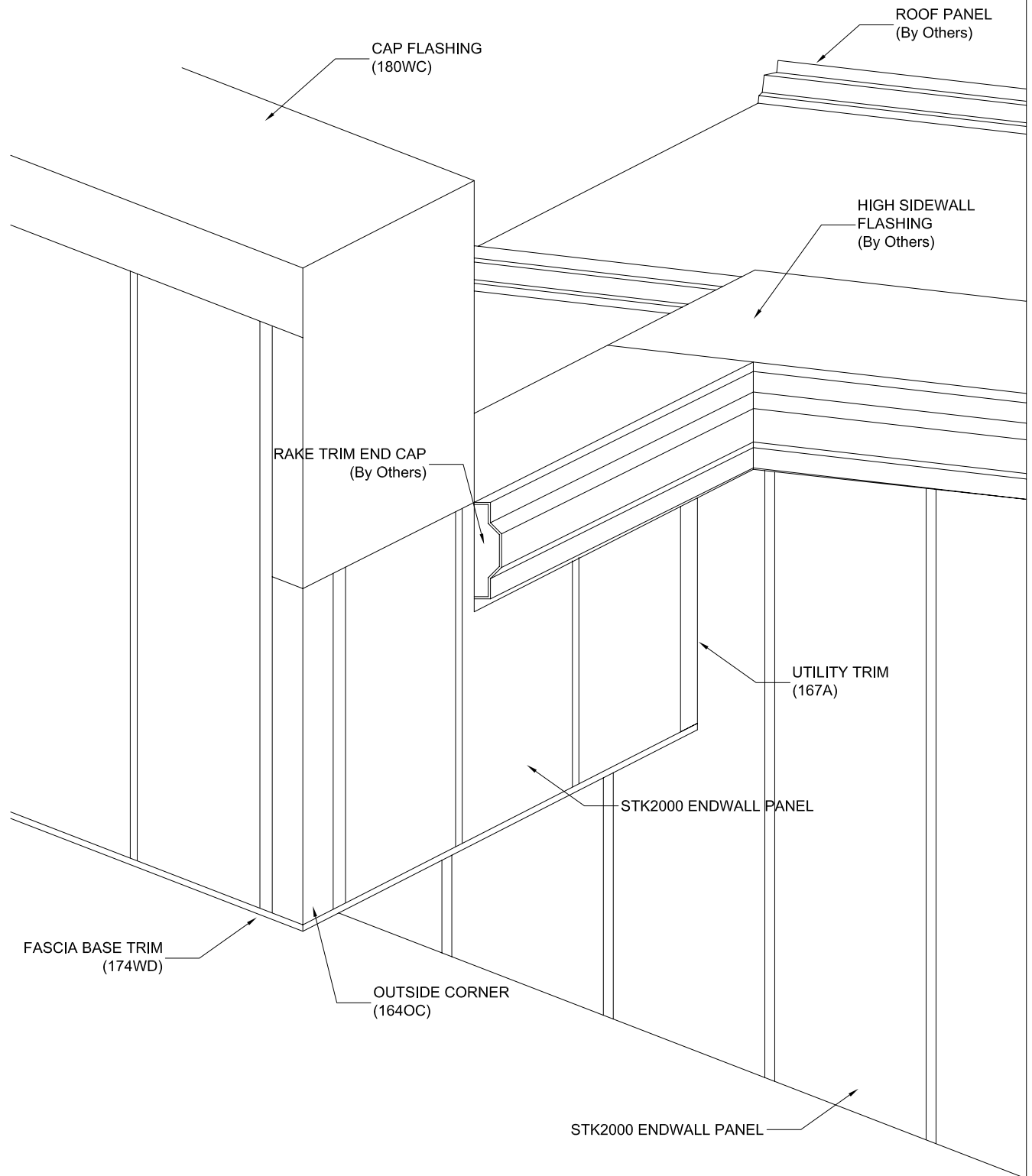


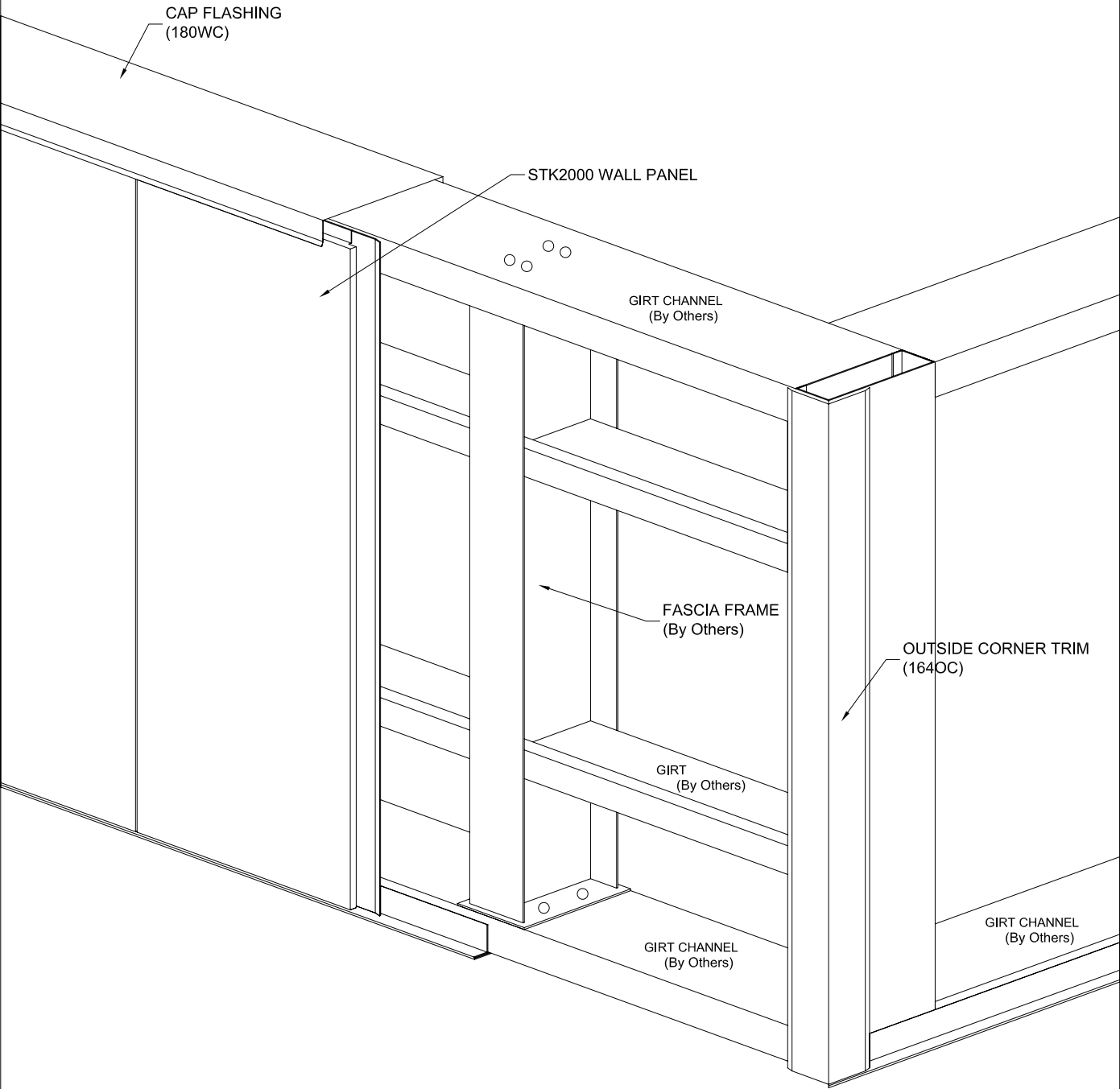
SECTION AT BOTTOM

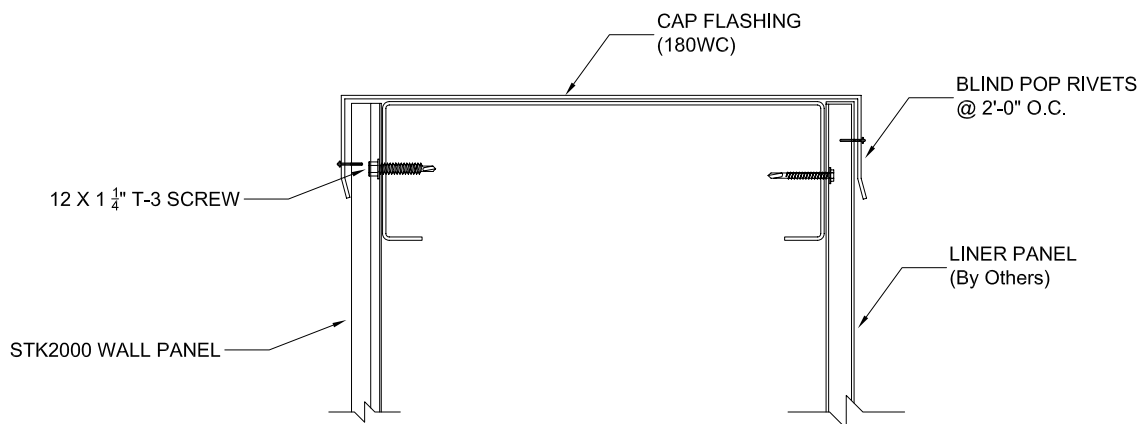


SIDEWALL DETAIL WITH FASCIA GUTTER

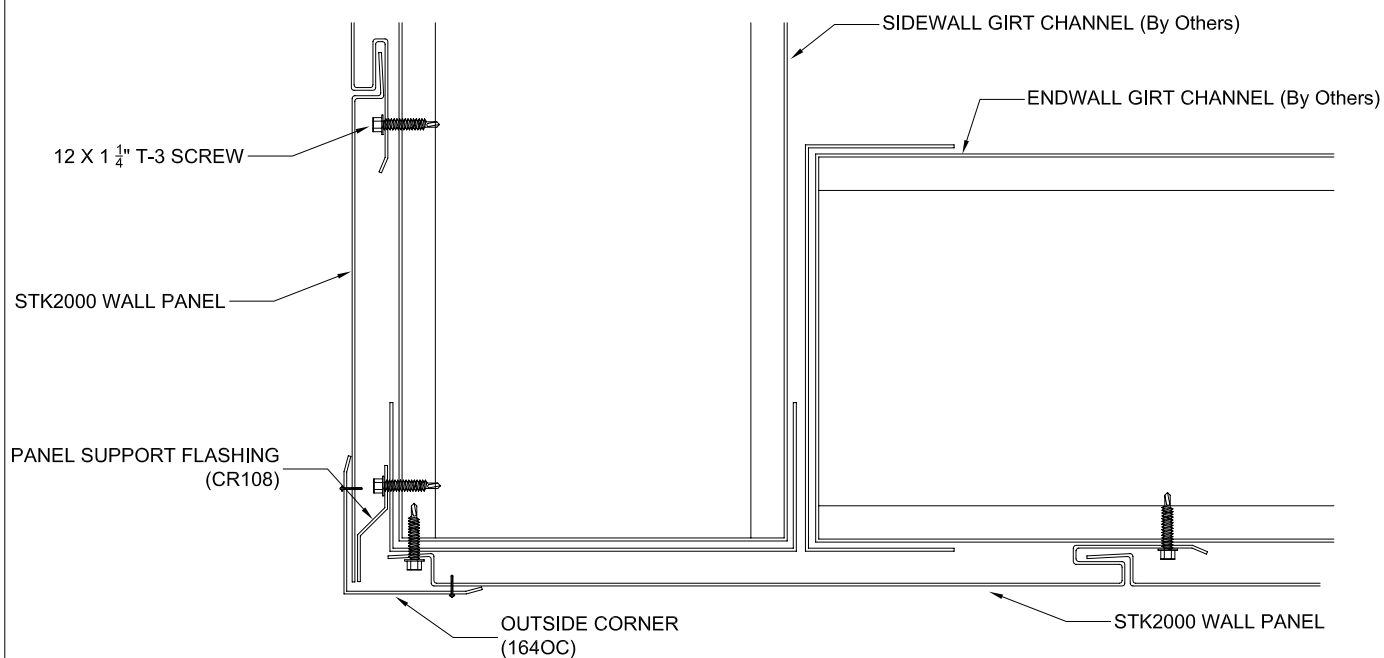




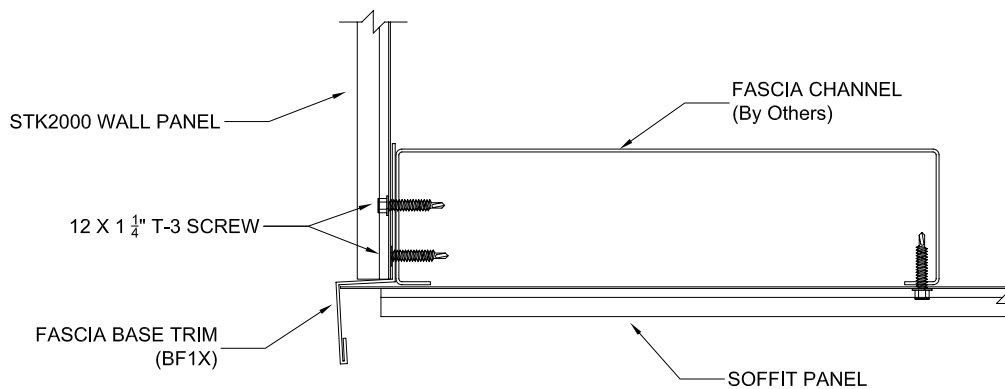




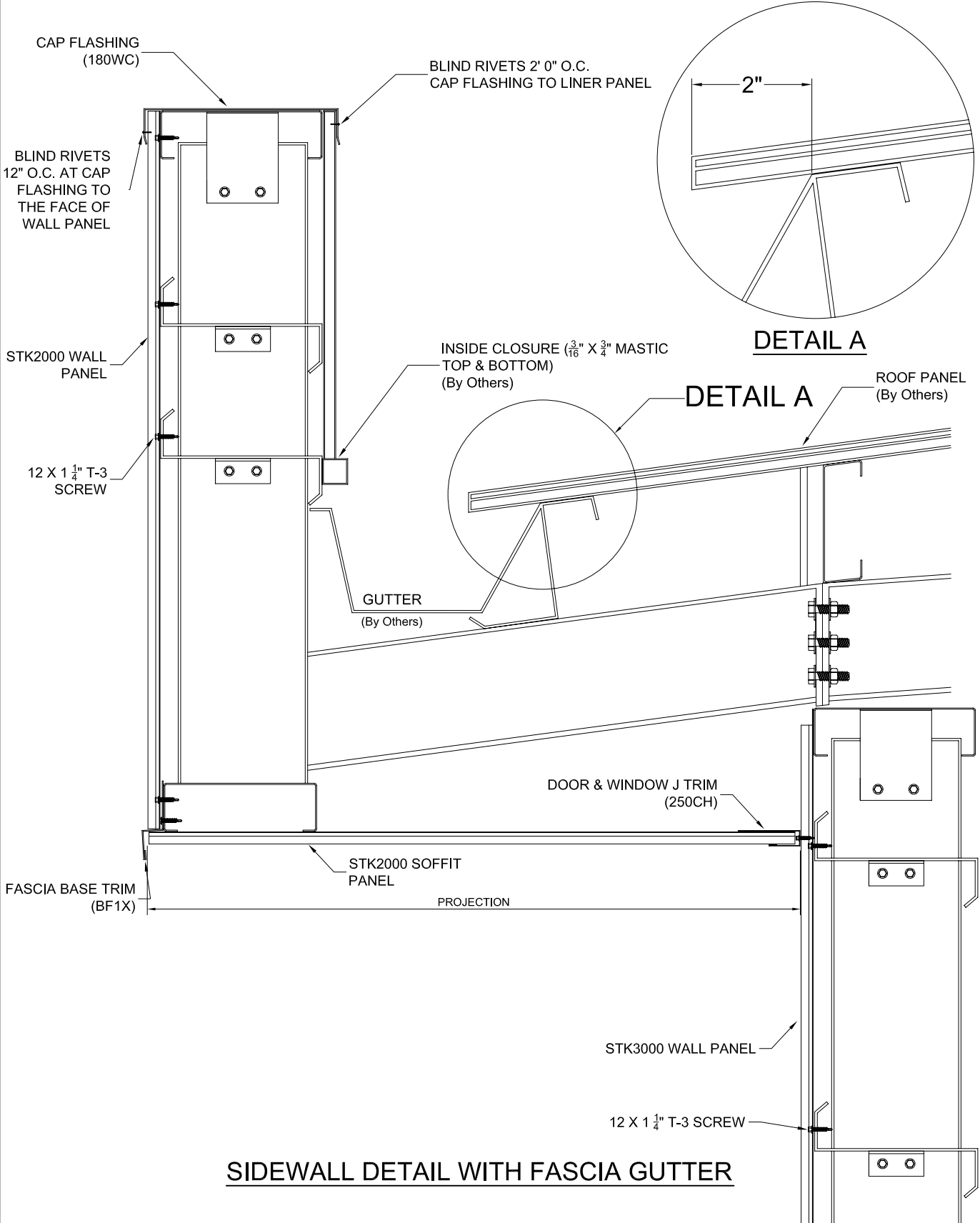
SECTION AT TOP



SECTION AT CORNER



SECTION AT BOTTOM



SIDEWALL DETAIL WITH FASCIA GUTTER

