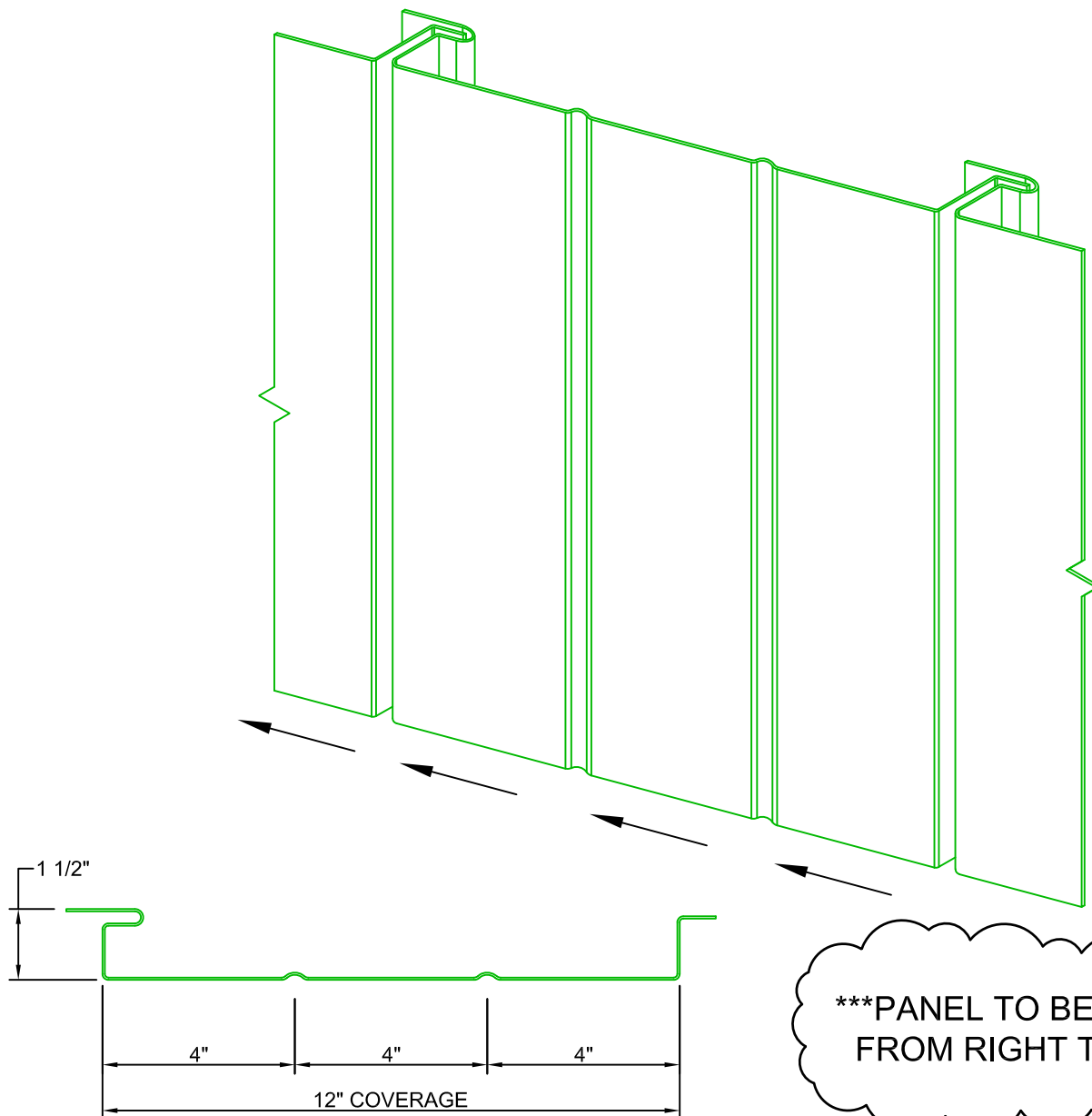


"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS



FLEXOSPAN RESERVES THE RIGHT TO REVISE, ADD, OR DELETE ANY DETAIL OR INFORMATION HEREIN WITHOUT PRIOR NOTICE.



BOX 515 RAILROAD STREET
SANDY LAKE, PENNSYLVANIA 16145-0515
PHONE: 800-245-0396 • FAX: 724-376-3864

"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY: D. JUREY

DATE: 8/7/25

CHECKED BY:

DATE:

COVER

DRAWING NO.

FE12-C

I. GENERAL NOTES:

I(a). "FE-12" PANELS TO BE MANUFACTURED FROM G-90 GALVANIZED STEEL, GALVALUME, OR ALUMINUM ALLOY 3003-H14.

I(b). "FE-12" PANELS TO BE BARE AS NOTED IN NOTE #1, OR PRE-PAINTED WITH A SILICONIZED POLYESTER, KYNAR®, OR FLEXSHIELD FINISH.

I(c). "FE-12" PANELS TO BE SUPPLIED IN FORMED PANEL LENGTHS UP TO 40'-0". PANELS 40'-60' ARE AVAILABLE WITH SPECIAL PACKAGING AND SHIPPING.

I(d). "FE-12" PANELS CAN BE SUPPLIED WITH VARIOUS FLASHINGS, PIPE JACKS, FASTENERS, SEALANTS, AND CLOSURES TO COMPLETE A PROJECT.

I(e). CONTRACTOR IS RESPONSIBLE FOR THE PROPER INSTALLATION OF THE PANEL SYSTEM AND TO INSURE ALL GIRTS, OR SUB-FRAMING MEMBERS ARE PROPERLY INSTALLED AND ALIGNED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

I(f). DUE TO INHERENT TOLERANCES OF BASE METAL, ANY FLAT SURFACE PANELS COULD HAVE SOME "OIL-CANNING". THIS IS NOT A BASIS FOR REJECTION OF THE PRODUCT.

I(g). DUE TO THE INDIVIDUALIZED NATURE OF PROJECTS, THE ERECTOR IS RESPONSIBLE FOR THE CORRECT PANEL LENGTHS & QUANTITIES, AND ALL ACCESSORY SIZES, TYPES, & QUANTITIES.

I(h). IF AIR & WATER INFILTRATION TEST IS REQUIRED IN THE SPECIFICATIONS; THEN CALL FACTORY FOR REQUIRED MODIFICATIONS OF DETAILS.

II. UNLOADING & STORAGE NOTES:

II(a). WHEN UNLOADING PANELS, SPREADER BAR & NYLON STRAPS OF THE PROPER SIZE, LENGTH, AND SPACING ARE TO BE USED BY SKILLED PERSONNEL APPLYING PROPER PROCEDURES TO PREVENT BUCKLING OR DAMAGE OF PANELS AND POSSIBLE BODILY INJURY.

II(b). UPON DELIVERY INSPECT & TAKE INVENTORY OF ALL PARTS. NOTE ANY DAMAGED OR MISSING PARTS ON THE BILL OF LADING AND CONTACT FACTORY IMMEDIATELY.

II(c). INSPECT PANELS & TRIM FOR MOISTURE THAT MAY HAVE FORMED DURING SHIPMENT. IF MOISTURE IS PRESENT, THEN MATERIALS MUST BE UNPACKAGED, WIPED DRY, AND THEN RESTACKED.

II(d). IF INSIDE STORAGE IS NOT POSSIBLE, THEN ELEVATE ONE END OF BUNDLE AND COVER LOOSELY TO ALLOW AIR TO CIRCULATE THROUGH MATERIALS. NEVER USE PLASTIC TO COVER MATERIALS.

II(e). TRAPPED MOISTURE CAN CAUSE STAINING OF PANELS OR PROMOTE RUST ON UNPAINTED MATERIALS.

II(f). EXPOSURE TO DIRECT SUNLIGHT AND/OR HIGH HUMIDITY MAY CAUSE STRIPPABLE PLASTIC FILM TO ADHERE TO THE METAL PERMANENTLY AND DISCOLOR FINISH.



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY:

D. UREY

DATE:

8/7/25

CHECKED BY:

DATE:

GENERAL NOTES

DRAWING NO.

FE12-1

III. ERECTION NOTES:

III(a). "FE-12" PANELS ARE SIDING PANELS ONLY AND ARE NOT TO BE USED IN A ROOFING APPLICATION.

III(b). "FE-12" PANELS TO BE SUPPLIED WITH VINYL PANEL SPLINE(GASKET) THAT IS TO BE FIELD APPLIED TO THE MALE LEG OF ALL PANELS DURING INSTALLATION.

III(c). "FE-12" PANELS ARE TO BE SQUARE WITH BUILDING & ALIGNED USING MARKS @ THE EAVES & BASE. MARKS TO BE 12" ON CENTER

III(d). ANY CUTTING OR BEVELING OF PANELS @ ENDS OF PANEL RUNS OR PENETRATIONS TO BE DONE BY THE ERECTOR IN THE FIELD.

III(e). REMOVE ALL STRIPPABLE PLASTIC AS PANELS ARE BEING ERECTED.

IV. CLEAN-UP NOTES:

IV(a) INSPECT ENTIRE SIDING AREA. REMOVE ANY PIECES OF STRIPPABLE PLASTIC FILM STILL LEFT ON PANELS OR FLASHING. MAKE SURE FLASHING IS PROPERLY INSTALLED AND CAULKED WHERE SHOWN ON DETAILS.

IV(b). ANY METAL SHAVINGS FROM FIELD CUTTING OR DRILLING OF PANELS, MUST BE CLEANED OFF SIDING EACH DAY TO PREVENT RUST AND/OR DISCOLORATION OF PANELS.

IV(c). TOUCH-UP ANY SCRATCHES, NICKS, OR FASTENER HEADS WITH TOUCH-UP PAINT. MAKE SURE AREA IS THOROUGHLY CLEANED AND USE ONLY AN ARTISTS BRUSH. COVER ONLY THE SCRATCH - DO NOT PAINT OVER ANY PREPAINTED AREA.

V. CAUTIONS:

V(a). CARE MUST BE TAKEN TO NOT OVER TORQUE FASTENERS.

V(b). CARE MUST BE TAKEN IN PROTECTING PANELS FROM OTHER TRADES, DISSIMILAR METALS, AND POSSIBLE RUN OFF OF HVAC EQUIPMENT.

V(c). THESE STANDARD DETAILS ARE PROVIDED FOR REFERENCE ONLY. OTHER DETAILS MAY BE NECESSARY BASED ON ACTUAL JOBSITE CONDITIONS, BUILDING CODE AND REGULATORY ISSUES, OWNER/ARCHITECT/CONTRACTOR/ERECTOR REQUIREMENTS AND MANY OTHER FACTORS. THE PURCHASER IS RESPONSIBLE FOR THE SELECTION, USE AND IMPLEMENTATION OF THE PROPER DETAILS.

V(d). INSURING WATER-TIGHTNESS ON ANY GIVEN PROJECT IS THE FUNCTION OF THE INSTALLER. THE ARCHITECT/GENERAL CONTRACTOR/INSTALLER HAVE THE RESPONSIBILITY TO SELECT DETAILS TO INSURE ADEQUATE WATER-TIGHTNESS TO MEET PARTICULAR BUILDING REQUIREMENTS.



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY: D. UREY

DATE: 8/7/25

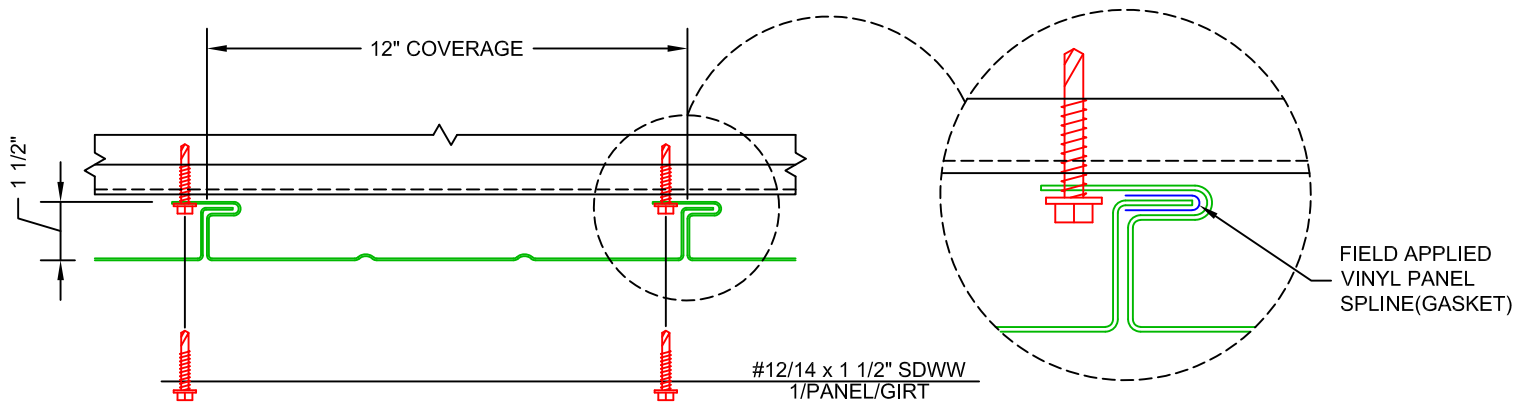
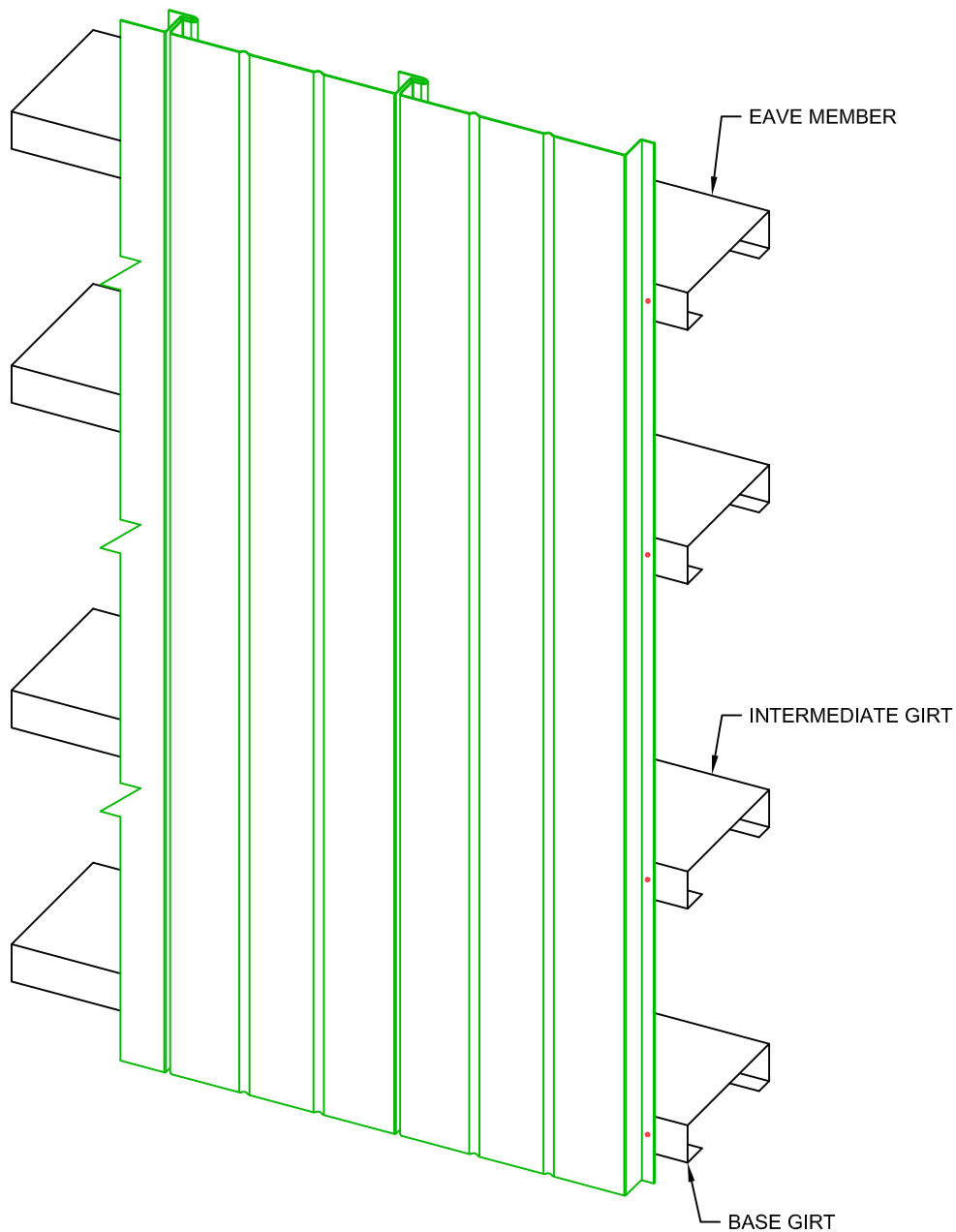
CHECKED BY:

DATE:

GENERAL NOTES(CONT.)

DRAWING NO.

FE12-2



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY: D. JUREY

DATE: 8/7/25

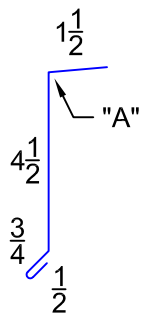
CHECKED BY:

DATE:

ISOMETRIC SIDING
FASTENER DETAIL

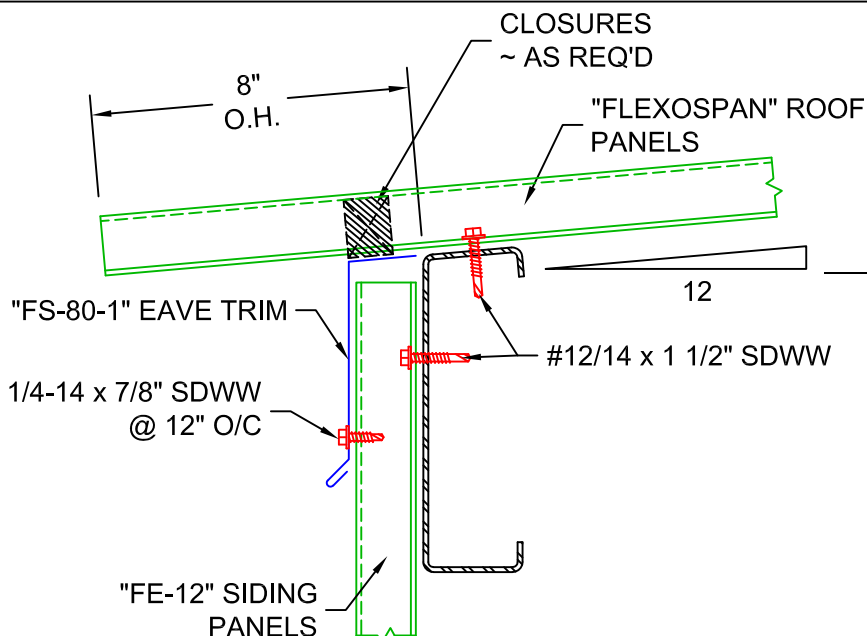
DRAWING NO.

FE12-3

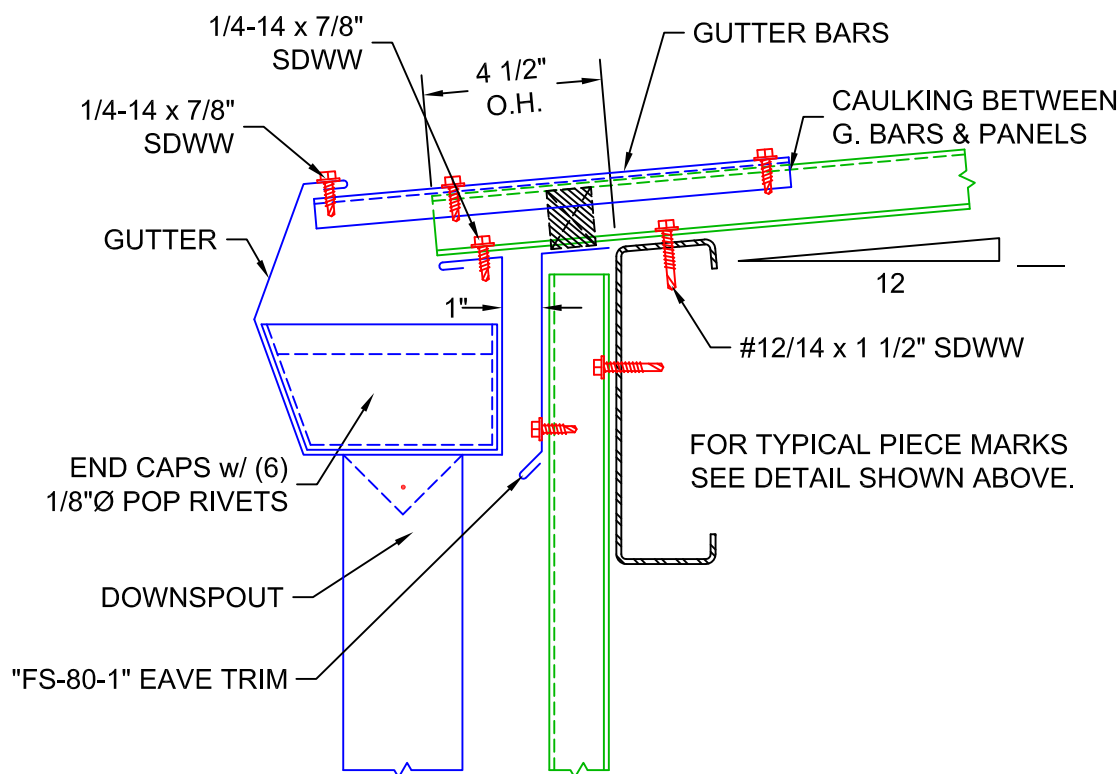


"FS-80-1" EAVE TRIM

PITCH	"A" ANGLE
1:12	95°
2:12	99°
3:12	104°
4:12	108°
5:12	113°



EAVE w/ TRIM



EAVE w/ TRIM & GUTTER

NOTES:

1. GUTTER AND RELATED ACCESSORIES ARE NOT A STANDARD PART OF THE "FE-66" SIDING PANEL SYSTEM, BUT CAN BE MANUFACTURED AND SUPPLIED TO THE CUSTOMERS SPECIFICATION.
2. USE THE CHART TO THE LEFT FOR DIMENSION VALUES FOR YOUR PARTICULAR ROOF PITCH.



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY:

D. JUREY

DATE:

8/7/25

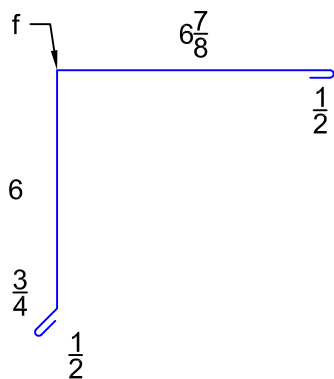
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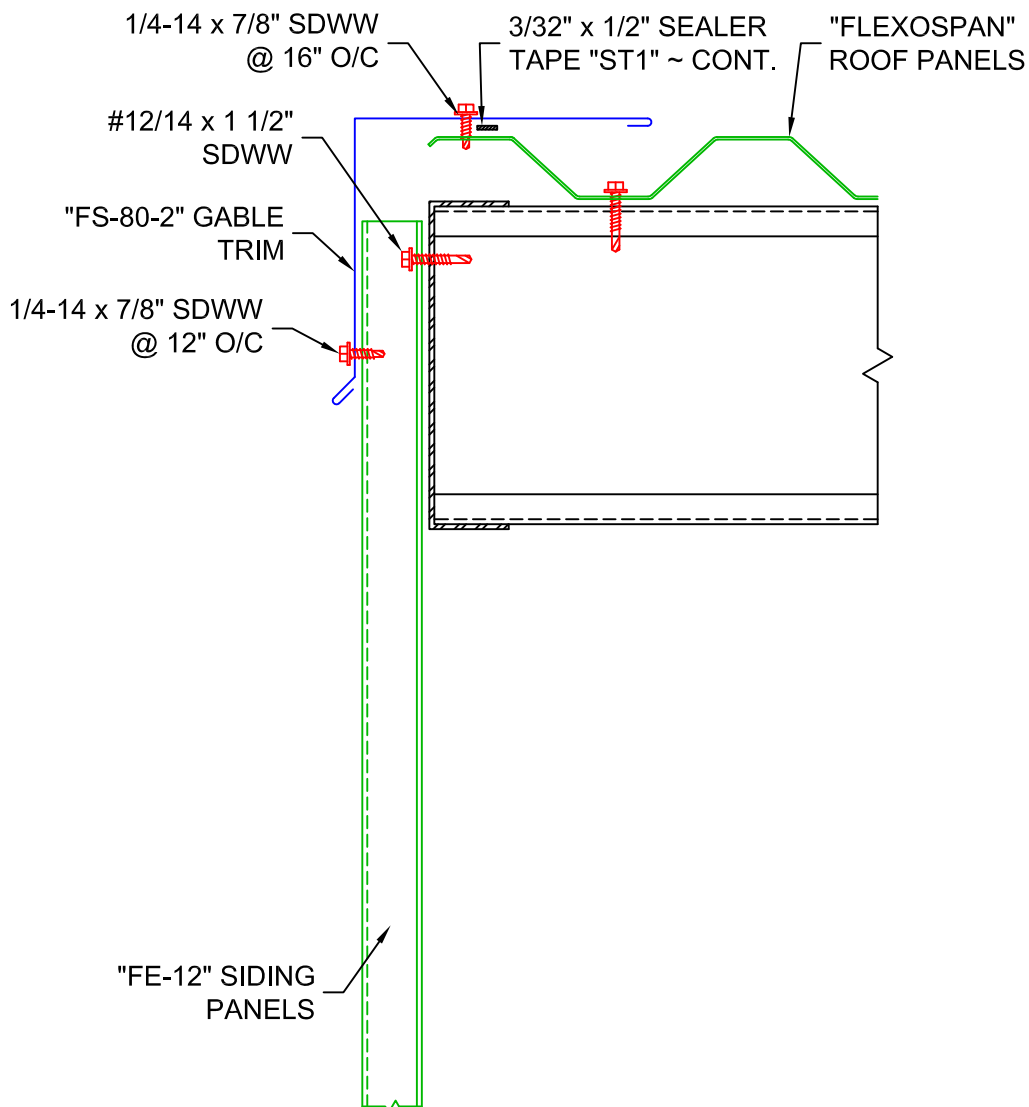
DRAWING NO.

EAVE DETAILS

FE12-4



"FS-80-2" GABLE TRIM



GABLE DETAIL



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**"FE-12" CONCEALED FASTENER PANEL
STANDARD DETAILS**

DRAWN BY: *D. JUREY*

DATE: *8/7/25*

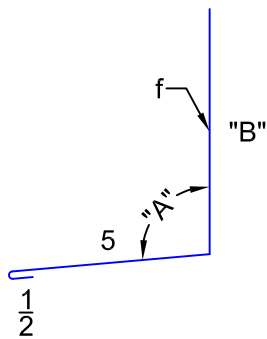
CHECKED BY:

DATE:

GABLE DETAILS

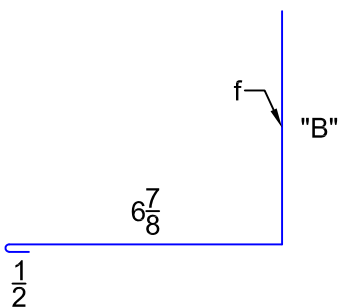
DRAWING NO.

FE12-5

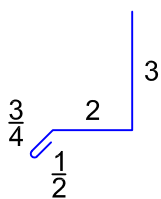


**"FS-80-3" BASE
ROOF FLASH**

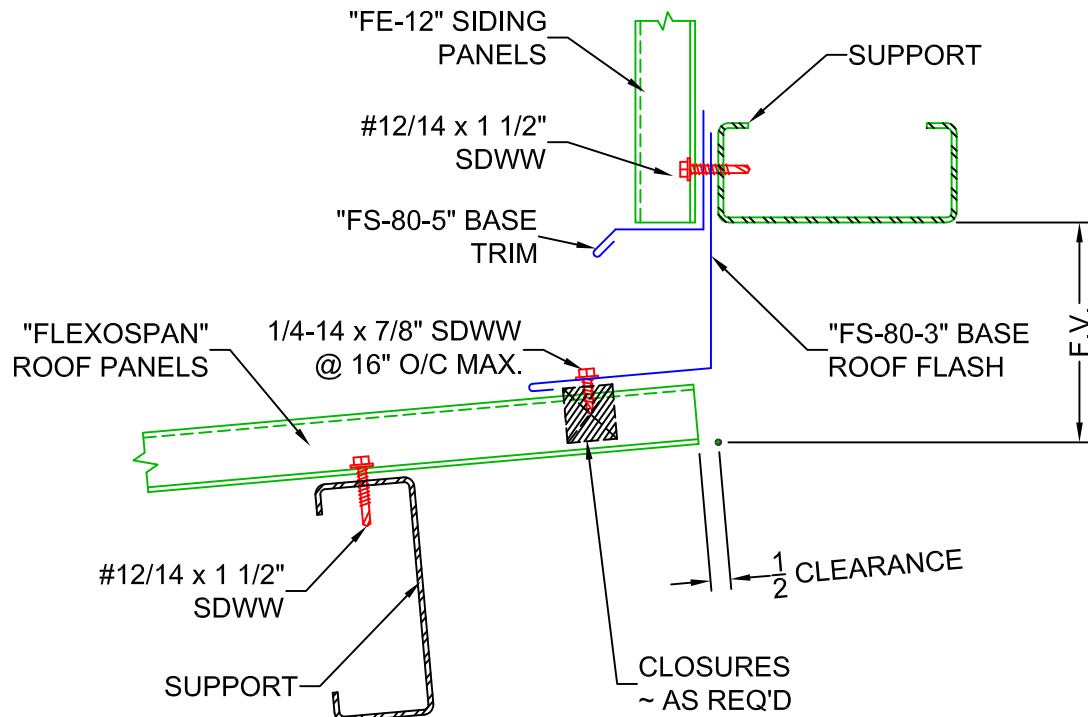
PITCH	"A" ANGLE
1:12	95°
2:12	99°
3:12	104°
4:12	108°
5:12	113°



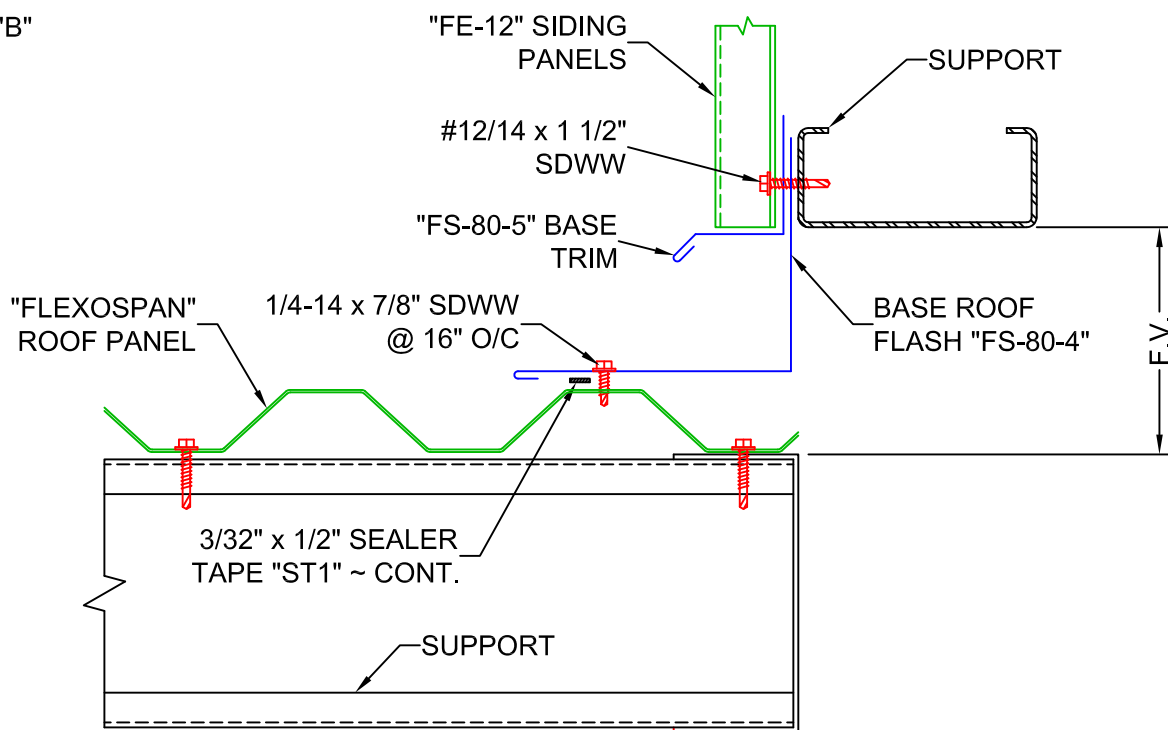
**"FS-80-4" BASE
ROOF FLASH**



**"FS-80-5" BASE
TRIM**



BASE ROOF(HALF RIDGE) DETAIL



BASE ROOF DETAIL

ERECTOR NOTES:

1. ENDS OF BASE ROOF FLASH SHOULD BE CAULKED AND LAPPED 4" AWAY FROM PREVAILING WIND. FLASHING SHOULD BE STITCHED TOGETHER AT ENDS USING TWO 1/4-14 x 7/8" SDWW FASTENERS.
2. "A" & "B" DIMENSIONS VARY DUE TO CONSTRUCTION VARIATIONS.



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY: D. JUREY

CHECKED BY:

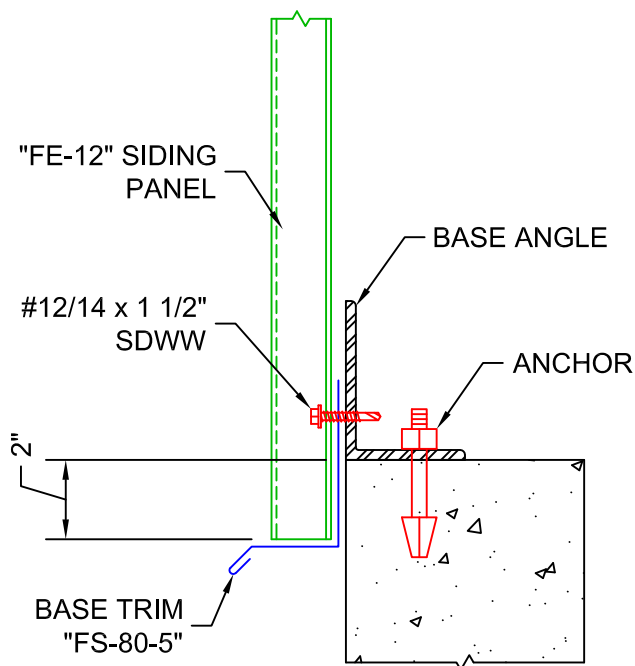
DATE: 8/7/25

DATE:

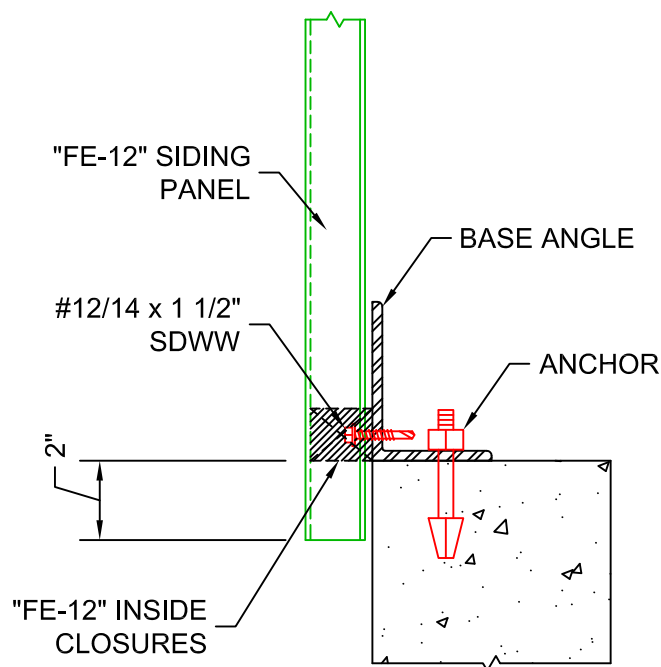
BASE ROOF DETAILS

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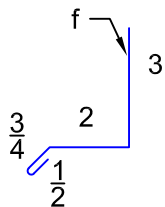
FE12-6



CURB w/ TRIM



CURB w/ CLOSURE



"FS-80-5" BASE TRIM



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY:

D. JUREY

DATE:

8/7/25

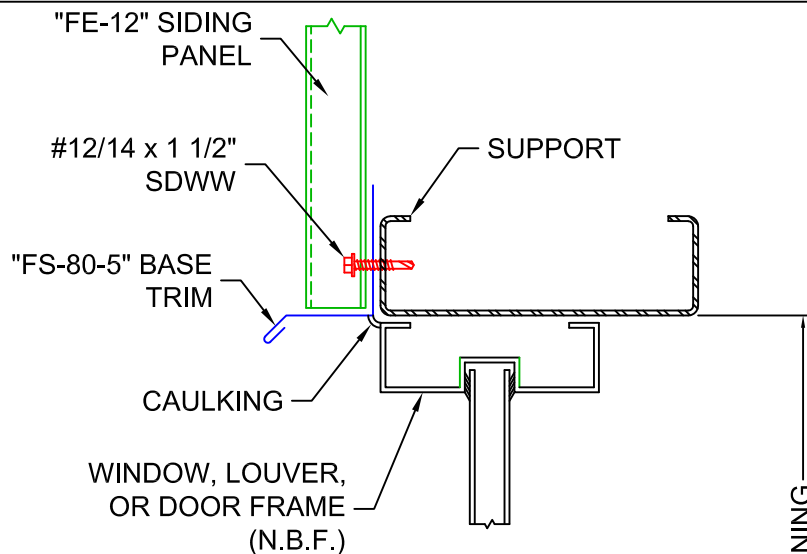
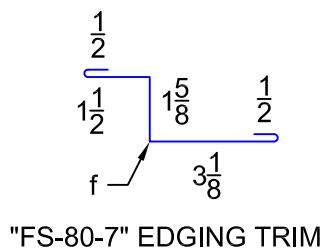
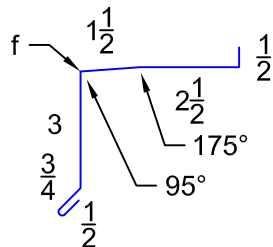
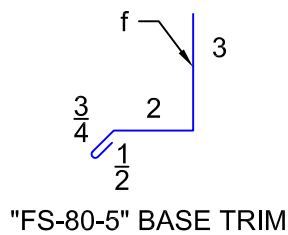
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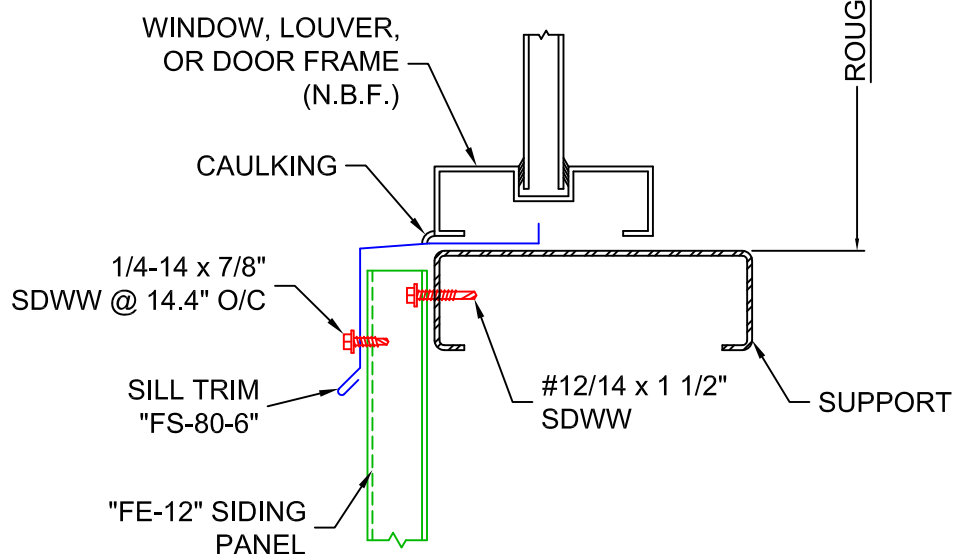
BASE DETAILS

DRAWING NO.

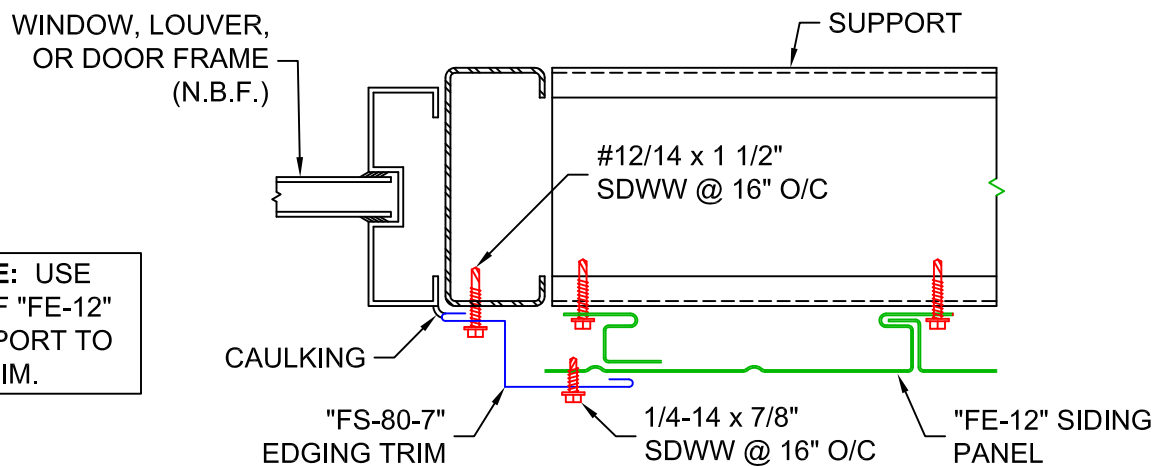
FE12-7



OPENING HEAD



OPENING SILL



OPENING JAMB

ERECTOR NOTE: USE TRIMMED LEG OF "FE-12" PANEL FOR SUPPORT TO ATTACH TRIM.



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DRAWN BY: D. JUREY

DATE: 8/7/25

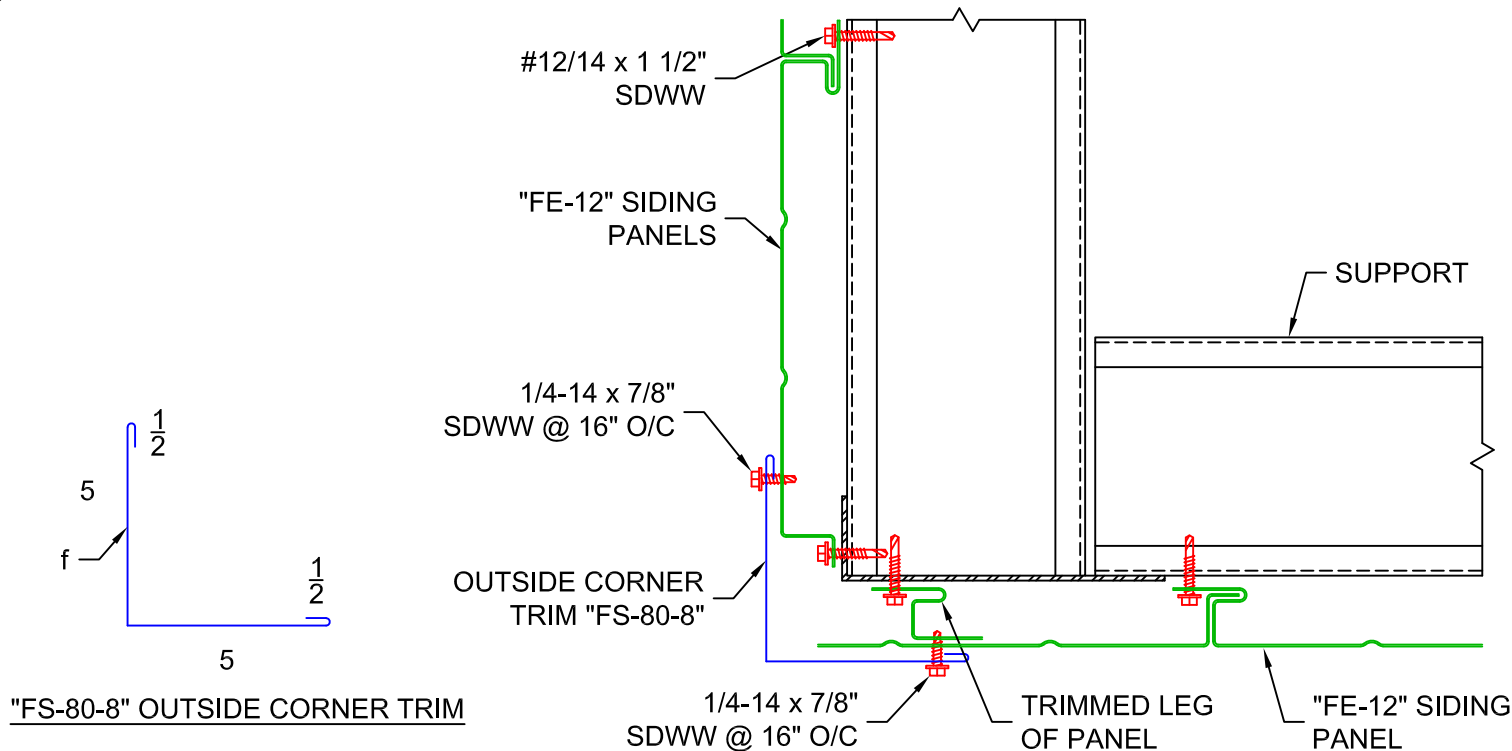
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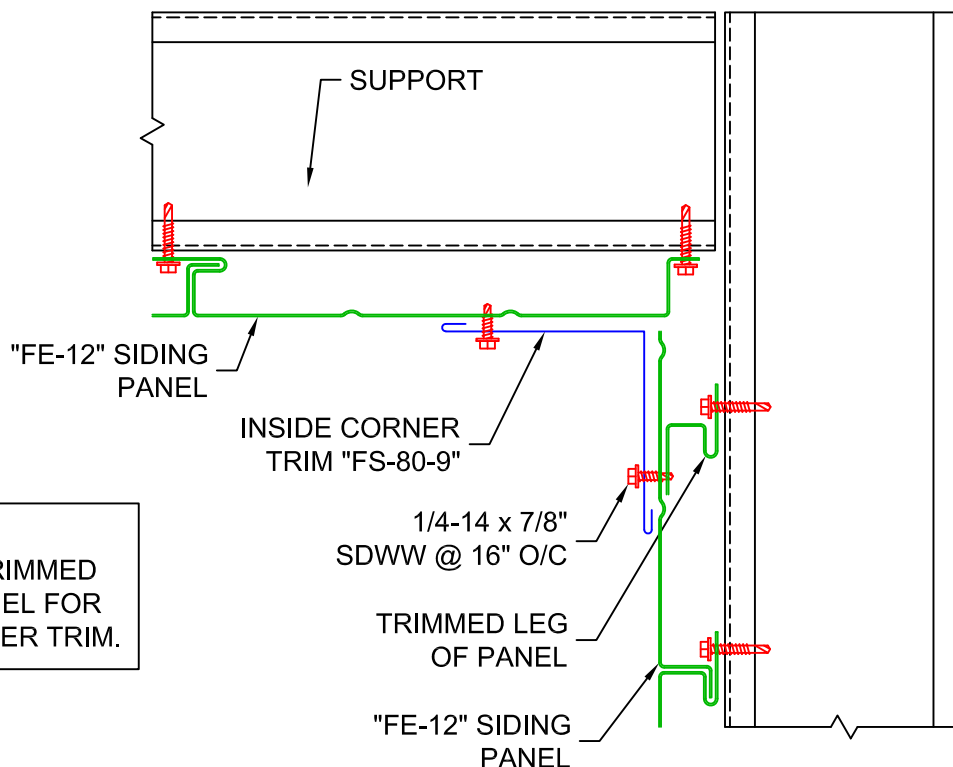
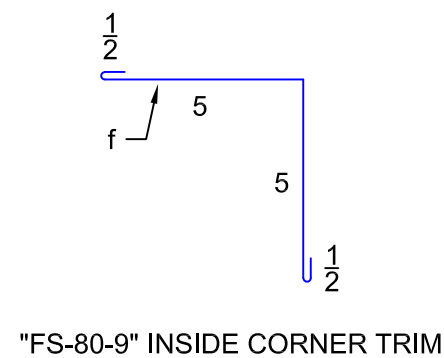
OPENING HEAD, SILL, & JAMB
DETAILS

DRAWING NO.

FE12-8



OUTSIDE CORNER DETAIL



ERECTOR NOTES:

1. AT END OF RUN, USE TRIMMED LEG OF "FE-12" SIDING PANEL FOR SUPPORT TO ATTACH CORNER TRIM.

INSIDE CORNER DETAIL



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY:

D. JUREY

DATE:

8/7/25

CHECKED BY:

DATE:

OUTSIDE & INSIDE CORNER
DETAILS

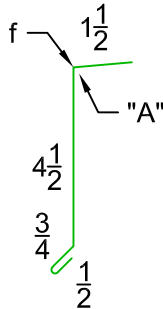
DRAWING NO.

FE12-9

"FE-12" STANDARD TRIM SKETCHES

GA. # _____ COLOR _____

7 1/4"

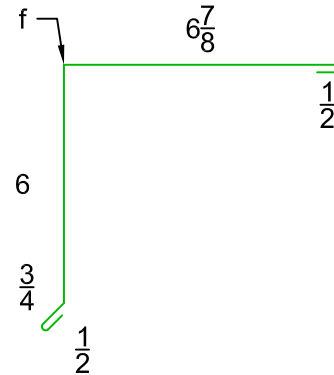


PITCH	"A" ANGLE
1:12	95°
2:12	99°
3:12	104°
4:12	108°
5:12	113°

REQ'D: _____ PCS. @ 10'-0" LG.

GA. # _____ COLOR _____

14 5/8"



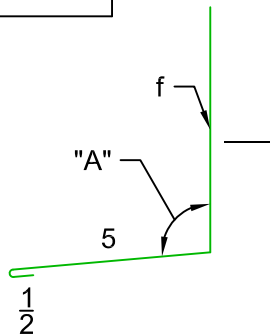
REQ'D: _____ PCS. @ 10'-0" LG.

"FS-80-1" EAVE TRIM

"FS-80-2" GABLE TRIM

GA. # _____ COLOR _____

GIRTH

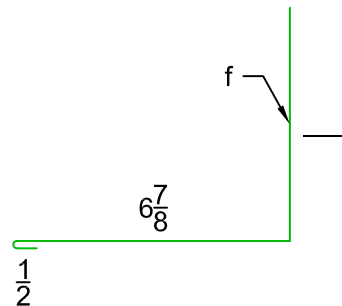


PITCH	"A" ANGLE
1:12	95°
2:12	99°
3:12	104°
4:12	108°
5:12	113°

REQ'D: _____ PCS. @ 10'-0" LG.

GA. # _____ COLOR _____

GIRTH



REQ'D: _____ PCS. @ 10'-0" LG.

"FS-80-3" BASE ROOF

"FS-80-4" BASE ROOF

NOTES:

1. ALL TRIM IS MANUFACTURED IN 10'-0" LENGTHS UNLESS SPECIFIED OTHERWISE.
2. MAXIMUM LENGTH OF TRIM IS 10'-0".
3. PLEASE INSERT GAUGE OF MATERIAL IN SPACES PROVIDED.
4. PLEASE INSERT COLOR OF MATERIAL IN SPACES PROVIDED.
5. PLEASE INSERT QUANTITY DESIRED WHERE SHOWN.
6. PLEASE INSERT REQ'D DIMENSIONS.



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY: D. JUREY

DATE: 8/6/25

CHECKED BY:

DATE:

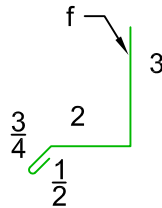
"FE-12" STANDARD TRIM SKETCHES

DRAWING NO.

FE12-10

"FE-12" STANDARD TRIM SKETCHES

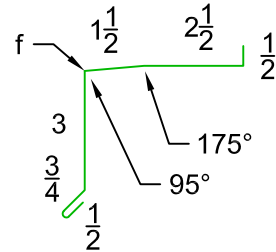
GA.	# _____ COLOR _____
6 1/4"	



REQ'D: _____ PCS. @ 10'-0" LG.

"FS-80-5" BASE TRIM

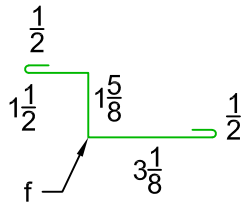
GA.	# _____ COLOR _____
8 3/4"	



REQ'D: _____ PCS. @ 10'-0" LG.

"FS-80-6" SILL TRIM

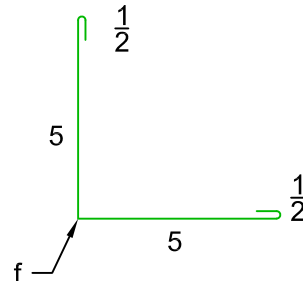
GA.	# _____ COLOR _____
7 1/4"	



REQ'D: _____ PCS. @ 10'-0" LG.

"FS-80-7" EDGING TRIM

GA.	# _____ COLOR _____
11"	



REQ'D: _____ PCS. @ 10'-0" LG.

"FS-80-8" O.S. CORNER

NOTES:

1. ALL TRIM IS MANUFACTURED IN 10'-0" LENGTHS UNLESS SPECIFIED OTHERWISE.
2. MAXIMUM LENGTH OF TRIM IS 10'-0".
3. PLEASE INSERT GAUGE OF MATERIAL IN SPACES PROVIDED.
4. PLEASE INSERT COLOR OF MATERIAL IN SPACES PROVIDED.
5. PLEASE INSERT QUANTITY DESIRED WHERE SHOWN.
6. PLEASE INSERT REQ'D DIMENSIONS.



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY: D. JUREY

REVISED BY:

DATE: 8/6/25

DATE:

"FE-12" STANDARD TRIM SKETCHES

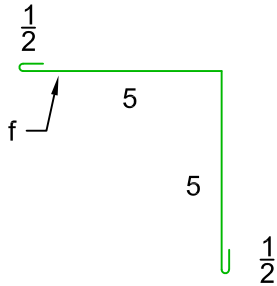
DRAWING NO.

FE12-II

"FE-12" STANDARD TRIM SKETCHES

GA. # _____ COLOR _____

11"



REQ'D: _____ PCS. @ 10'-0" LG.

GA. # _____ COLOR _____

GIRTH

REQ'D: _____ PCS. @ 10'-0" LG.

"FS-80-9" I.S. CORNER

GA. # _____ COLOR _____

GIRTH

REQ'D: _____ PCS. @ 10'-0" LG.

GA. # _____ COLOR _____

GIRTH

REQ'D: _____ PCS. @ 10'-0" LG.

NOTES:

1. ALL TRIM IS MANUFACTURED IN 10'-0" LENGTHS UNLESS SPECIFIED OTHERWISE.
2. MAXIMUM LENGTH OF TRIM IS 10'-0".
3. PLEASE INSERT GAUGE OF MATERIAL IN SPACES PROVIDED.
4. PLEASE INSERT COLOR OF MATERIAL IN SPACES PROVIDED.
5. PLEASE INSERT QUANTITY DESIRED WHERE SHOWN.
6. PLEASE INSERT REQ'D DIMENSIONS.



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY: D. JUREY

CHECKED BY:

DATE: 8/6/25

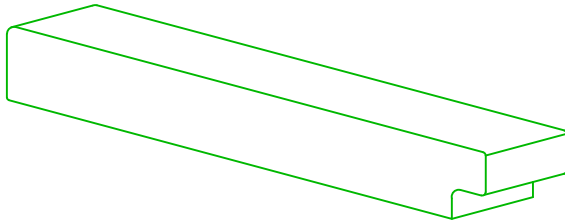
DATE:

"FE-12" STANDARD TRIM SKETCHES

DRAWING NO.

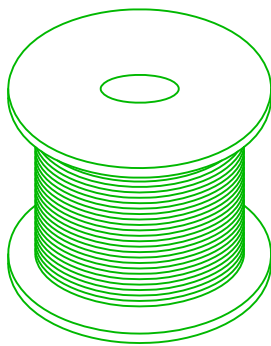
FE12-12

"FE-12" STANDARD ACCESSORIES



REQ'D: _____ PCS. @ 1'-0" LG.

"FE-12" INSIDE CLOSURES



**ENLARGED
CROSS SECTION**

REQ'D: _____ LF.

VINYL PANEL SPLINE(GASKET)

SHEETING SCREWS



#12/14 x 1 1/2" SDWW

REQ'D: _____ PCS.

TRIM SCREWS



1/4-14 x 7/8" SDWW

REQ'D: _____ PCS.

STANDARD FASTENERS

NOTES:

1. "FE-12" CLOSURES ARE A CLOSED CELL POLYETHYLENE FACTORY FORMED TO THE PANEL PROFILE AS SHOWN ABOVE.
2. SEALER TAPE IS A NON-DRYING, NON-SKINNING, BUTYL BASE TAPE SUPPLIED IN 3/32" THICK x 1/2" WIDE x 50' ROLLS.
3. FASTENERS ARE ZINC PLATED CARBON STEEL, 5/16" HEX HEAD, SELF DRILLING & SELF TAPPING METAL SCREWS. FASTENERS CAN BE SUPPLIED WITH PAINTED HEADS TO MATCH ROOFING OR SIDING.
4. CONTACT FACTORY FOR PRICE AND AVAILABILITY OF NON-STANDARD ACCESSORIES.



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"FE-12" CONCEALED FASTENER PANEL STANDARD DETAILS

DRAWN BY:

D. JUREY

DATE:

8/6/25

CHECKED BY:

DATE:

"FE-12" STANDARD ACCESSORIES

DRAWING NO.

FE12-13