

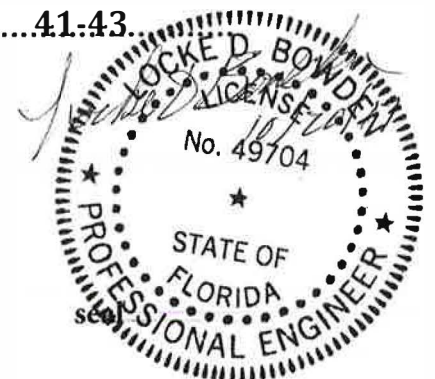


PETERSEN ALUMINUM CORPORATION
FL 23953
METAL ROOFING CATEGORY
INSTALLATION DETAIL BINDER

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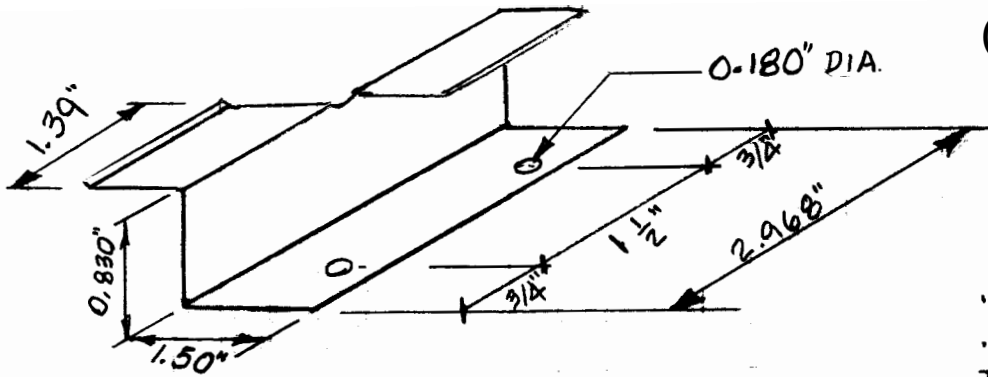
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Locke Bowden, P.E.
FL Reg. #49704



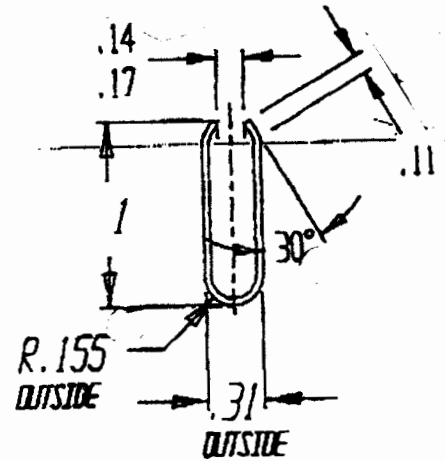
FL 23953
Snap-On Standing Seam Panel
24GA Steel & .032" Alum

(FORMERLY 6191)



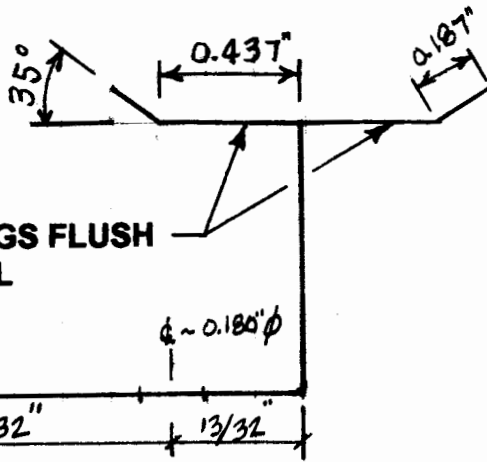
VIEW OF COMPLETED PART

(Less Final Bend)



CAP PROFILE

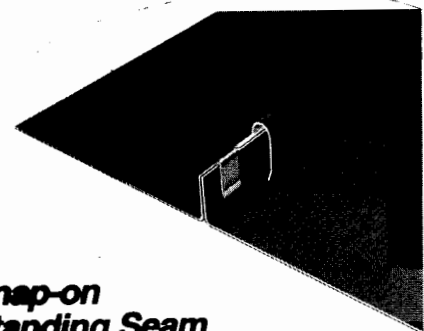
MOUNTED R.H. AUX.
.019-.036 PAINTED ALUM & STL
ALL INSIDE RADII - .015



BEND THESE LEGS FLUSH WITH VERTICAL

$\phi \sim 0.180 \phi$

SNAP-ON STANDING SEAM PANEL CLIP
MATERIAL ~ 24 Gage Spangled Steel



Snap-on Standing Seam

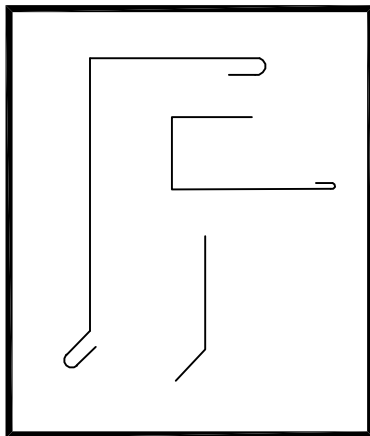
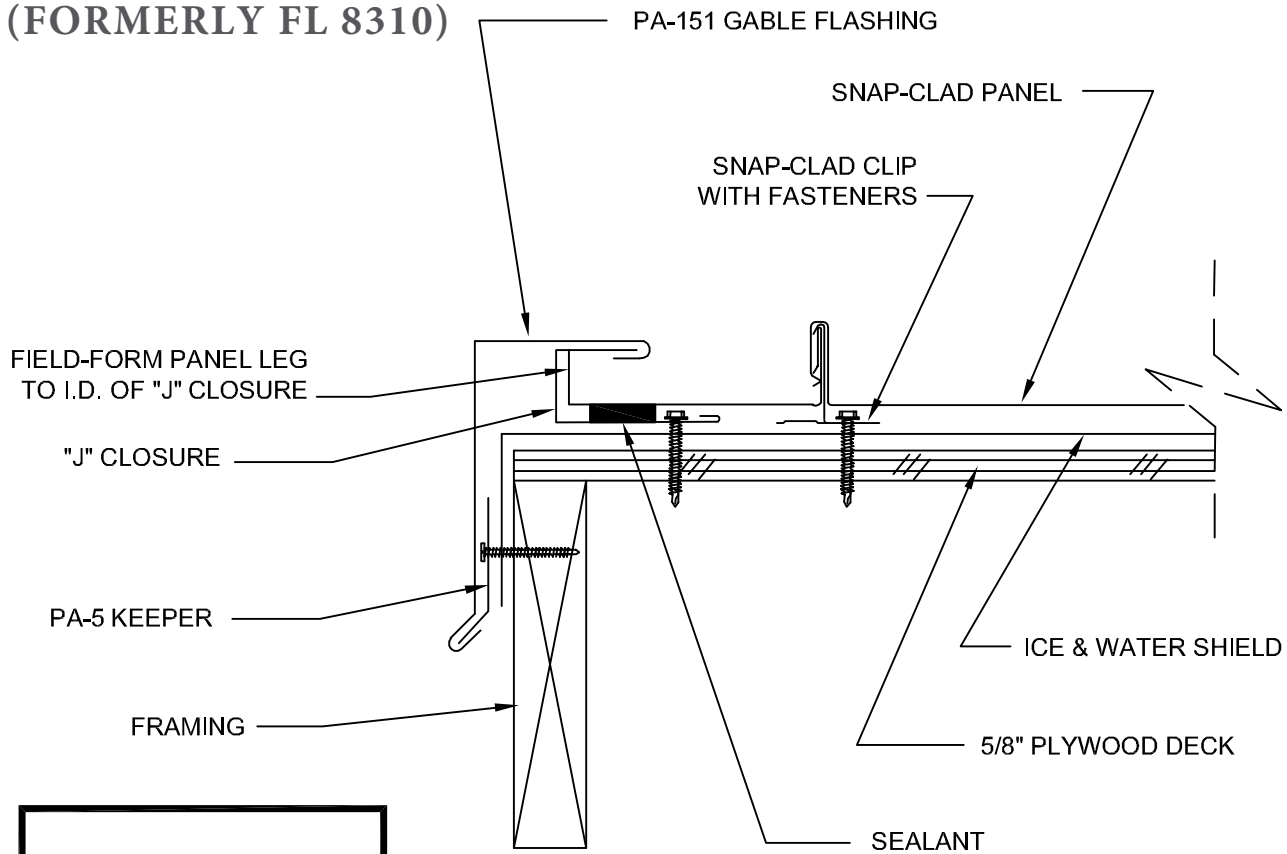
12" Panel Width .032 aluminum
1" high 24 gauge steel



PANEL SECTION

****ATTACH CLIPS WITH TWO (2) #10-12 PANCAKE HEAD SCREWS PER CLIP**

FL 29353
Snap-Clad Panel 16oz/sf Copper

(FORMERLY FL 8310)

FLASHING COMPONENTS

Job Name _____ Contractor _____

Date _____ Notes _____

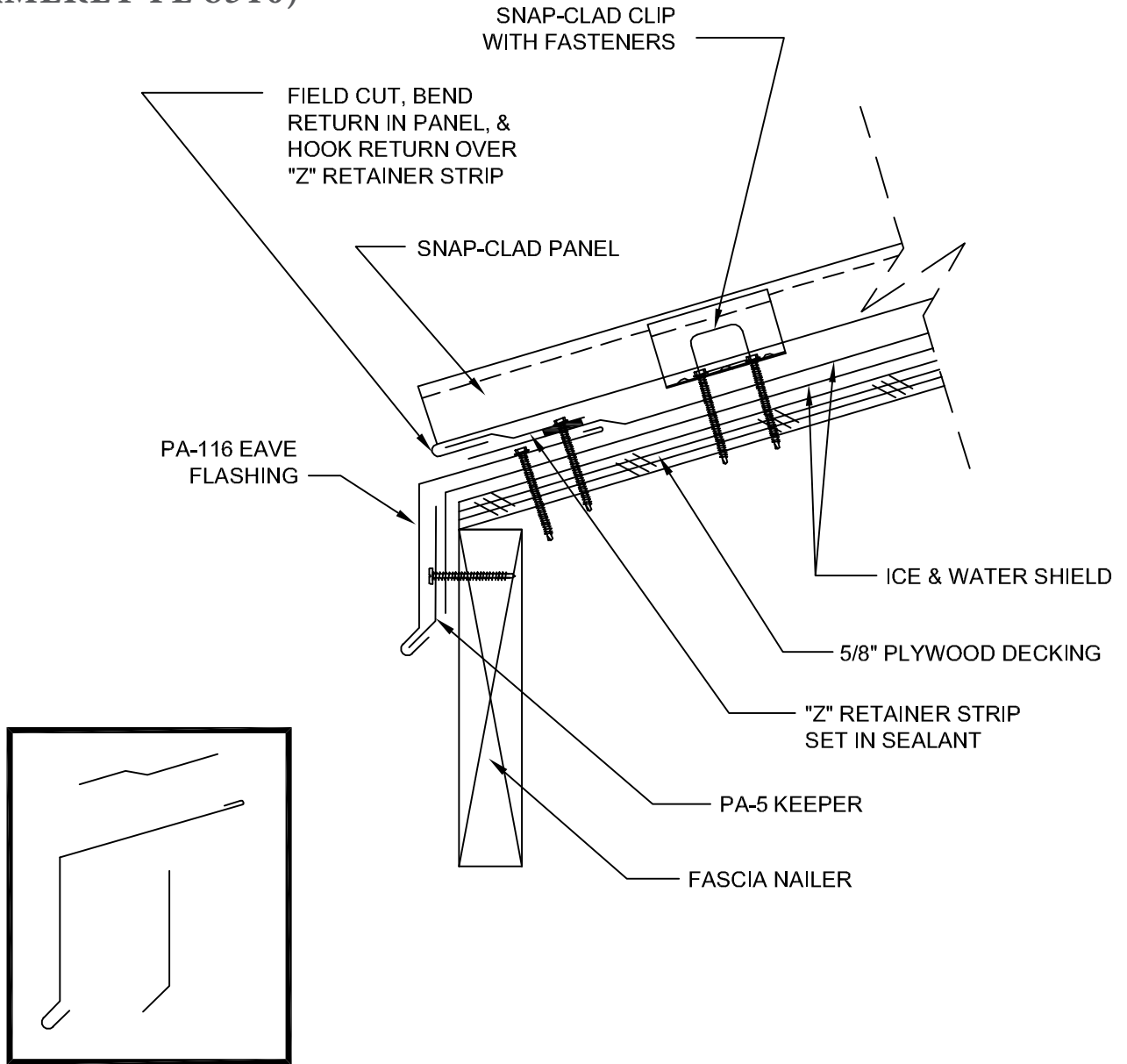
PETERSEN ALUMINUM CORPORATION
PAC-CLAD.COM SALES@PETERSENMAIL.COM
Petersen Headquarters
 1005 Tonne Road
 Elk Grove Village, IL 60007
 P 800 PAC CLAD
 F 800 722 7150

Annapolis Junction
 9060 Junction Drive
 Annapolis Junction, MD 20701
 P 800 344 1400
 F 301 953 7627

Tyler
 10551 PAC Road
 Tyler, TX 75707
 P 800 441 8661
 F 903 581 8592

Acworth
 102 Northpoint Pkwy
 Acworth, GA 30102
 P 800 272 4482
 F 770 420 2533

Andover
 1885 Station Pkwy NW, Ste B
 Andover, MN 55304
 P 877 571 2025
 F 866 901 2935

(FORMERLY FL 8310)

FLASHING COMPONENTS

Job Name _____ Contractor _____

Date _____ Notes _____

PETERSEN ALUMINUM CORPORATION
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Petersen Headquarters
 1005 Tonne Road
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 F 800 722 7150

Annapolis Junction
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 Annapolis Junction, MD 20701
 P 800 344 1400
 F 301 953 7627

Tyler
 10551 PAC Road
 Tyler, TX 75707
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 F 903 581 8592

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 102 Northpoint Pkwy
 Acworth, GA 30102
 P 800 272 4482
 F 770 420 2533

Andover
 1885 Station Pkwy NW, Ste B
 Andover, MN 55304
 P 877 571 2025
 F 866 901 2935

FL 23953

Tite-Loc Plus:

.040" Aluminum x 12"

.040" Aluminum x 16"

PETERSEN ALUMINUM CORPORATION

4175 ROYAL DRIVE; SUITE 300

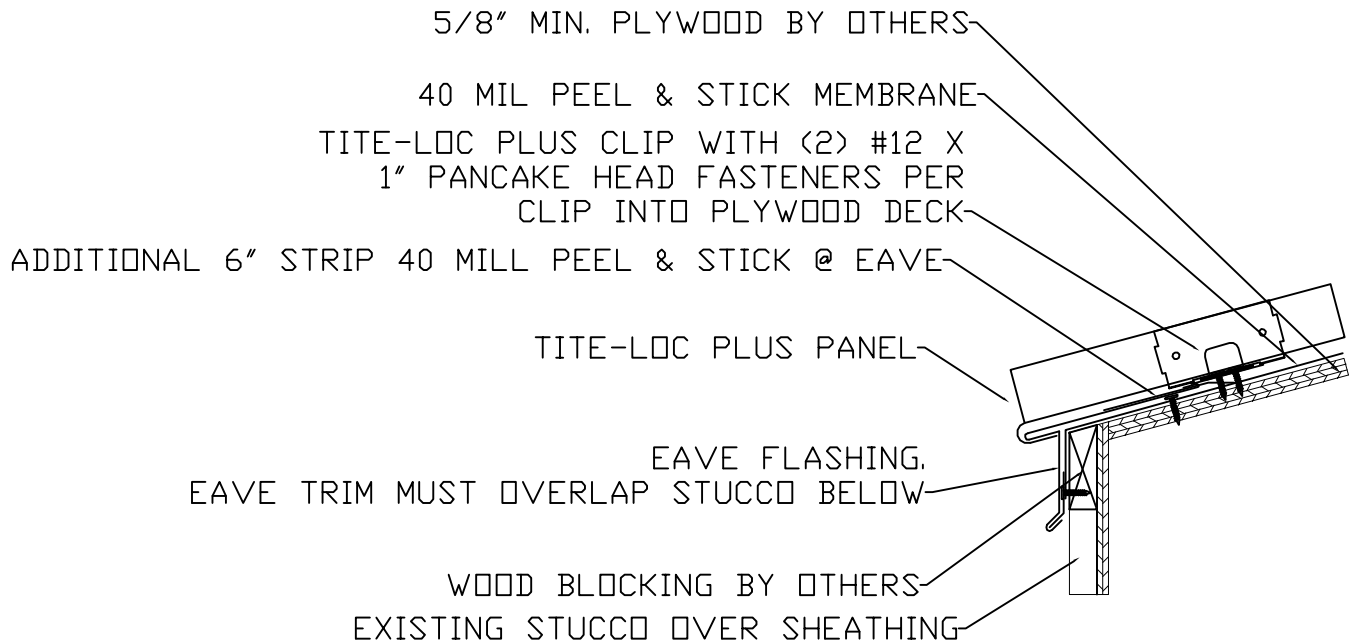
KENNESAW, GA 30144

PHONE: 800-272-4482 FAX: 770-420-2533

email: wmorris@petersenmail.com

PAC-CLAD STANDARD DETAILS

(FORMERLY FL 10879)



TITE-LOC PLUS EAVE

APPROVAL	CUSTOMER:	GAUGE:
	JOB NAME:	ANGLE / SLOPE:
	PANEL TYPE:	PO:
	COLOR / FINISH:	DATE:

PETERSEN ALUMINUM CORPORATION

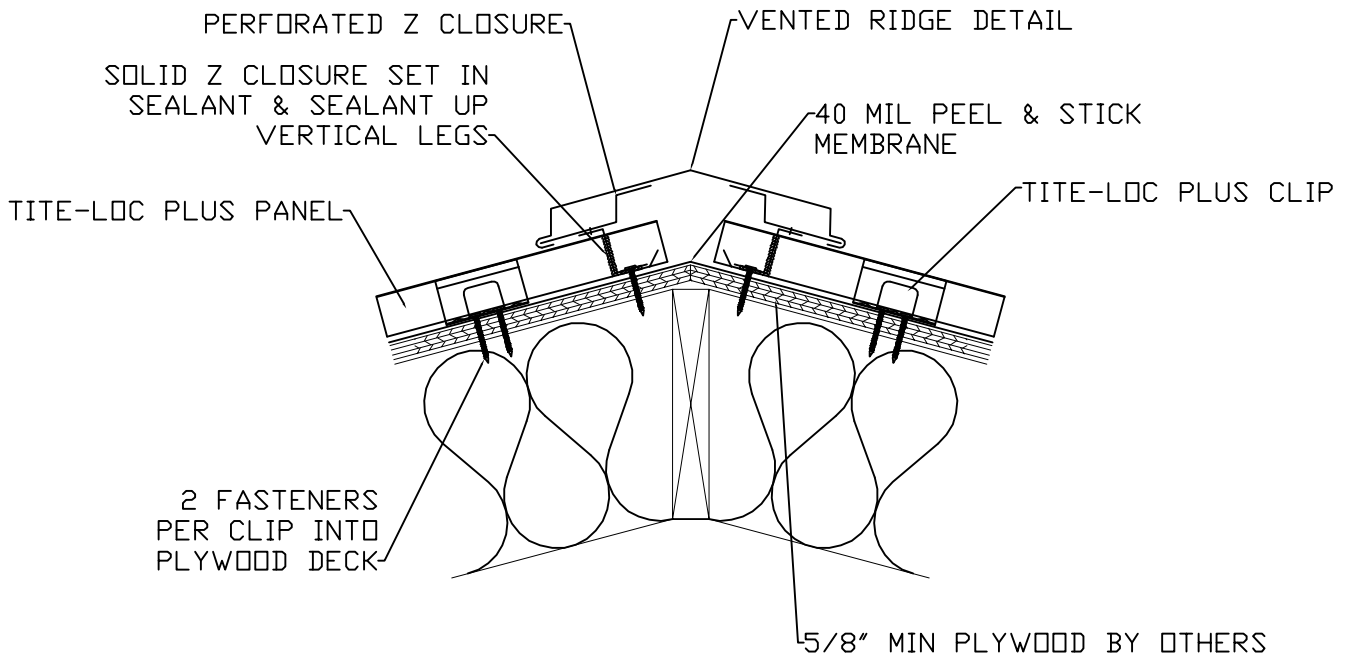
4175 ROYAL DRIVE; SUITE 300

KENNESAW, GA 30144

PHONE: 800-272-4482 FAX: 770-420-2533

email: wmorris@petersenmail.com

PAC-CLAD STANDARD DETAILS (FORMERLY FL 10879)



TITE-LOC PLUS VENTED RIDGE

APPROVAL	CUSTOMER:	GAUGE:
	JOB NAME:	ANGLE / SLOPE:
	PANEL TYPE:	PO#
	COLOR / FINISH:	DATE:

PETERSEN ALUMINUM CORPORATION

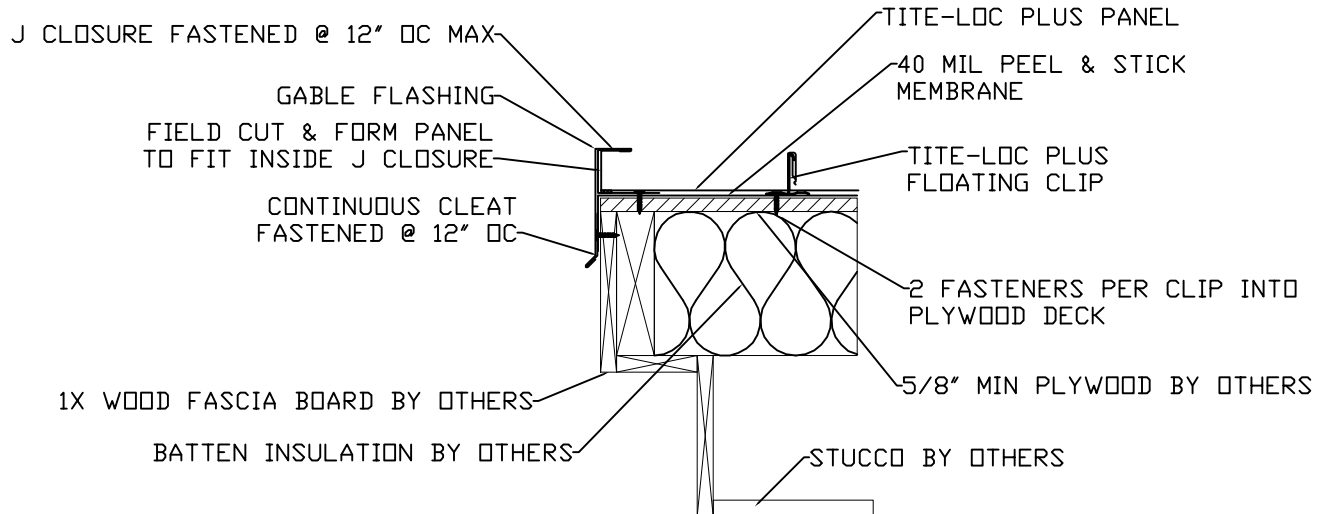
4175 ROYAL DRIVE; SUITE 300

KENNESAW, GA 30144

PHONE: 800-272-4482 FAX: 770-420-2533

email: wmorris@petersenmail.com

PAC-CLAD STANDARD DETAILS (FORMERLY FL 10879)



TITE-LOC PLUS GABLE

APPROVAL	CUSTOMER:	GAUGE:
	JOB NAME:	ANGLE / SLOPE:
	PANEL TYPE:	PO
	COLOR / FINISH:	DATE:

PETERSEN ALUMINUM CORPORATION

4175 ROYAL DRIVE; SUITE 300

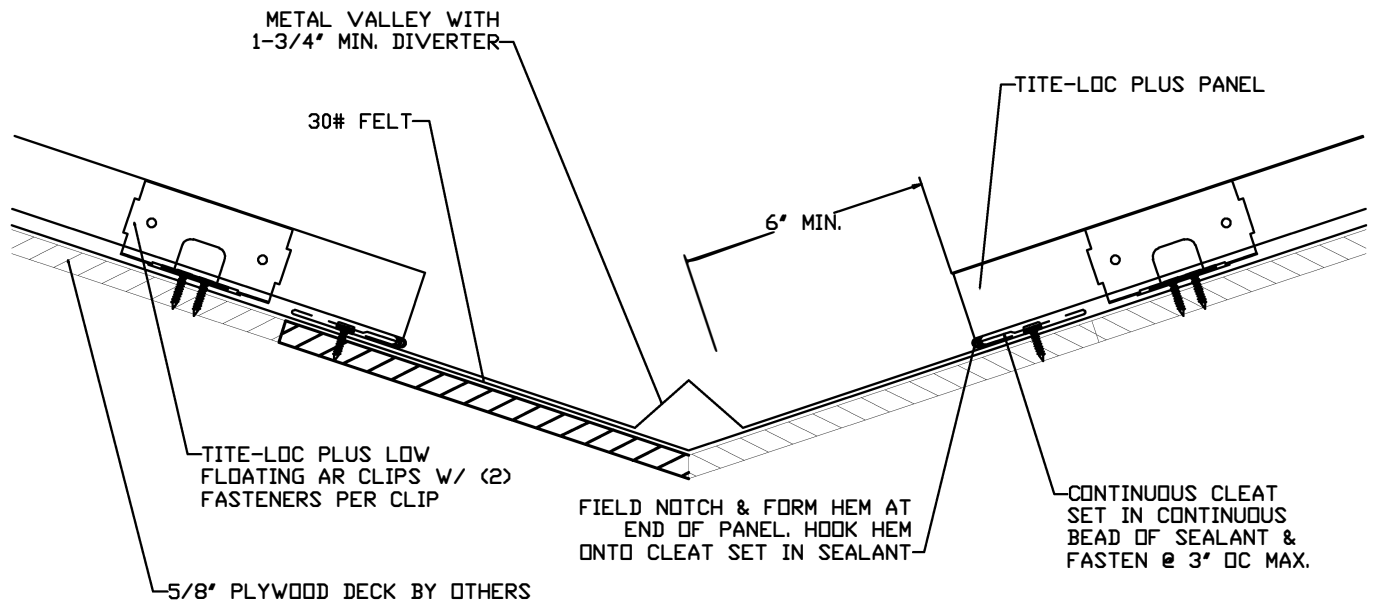
KENNESAW, GA 30144

PHONE: 800-272-4482 FAX: 770-420-2533

email: wmorris@petersenmail.com

PAC-CLAD STANDARD DETAILS

(FORMERLY FL 10879)



TITE-LOC PLUS VALLEY

TAS 100 WIND DRIVEN RAIN TEST

APPROVAL	CUSTOMER:	GAUGE:
	JOB NAME:	ANGLE / SLOPE:
	PANEL TYPE:	PO#:
	COLOR / FINISH:	DATE:

PETERSEN ALUMINUM CORPORATION

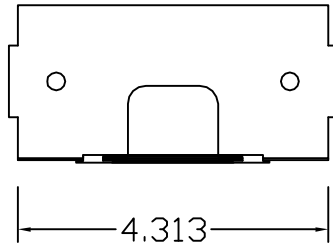
4175 ROYAL DRIVE; SUITE 300

KENNESAW, GA 30144

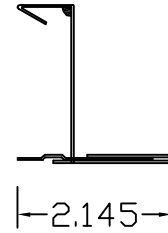
PHONE: 800-272-4482 FAX: 770-420-2533

email: wmorris@petersenmail.com

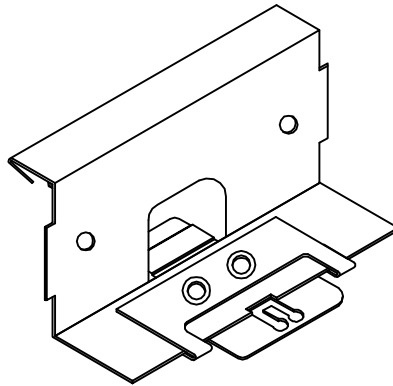
PAC-CLAD STANDARD DETAILS



TITE-LOC PLUS
CLIP
SIDE VIEW



TITE-LOC PLUS
CLIP
FRONT VIEW



TITE-LOC PLUS
CLIP
ISOMETRIC
VIEW

TITE-LOC PLUS CLIP

APPROVAL	CUSTOMER:	GAUGE:
	JOB NAME:	ANGLE / SLOPE:
	PANEL TYPE:	PO#
	COLOR / FINISH:	DATE:

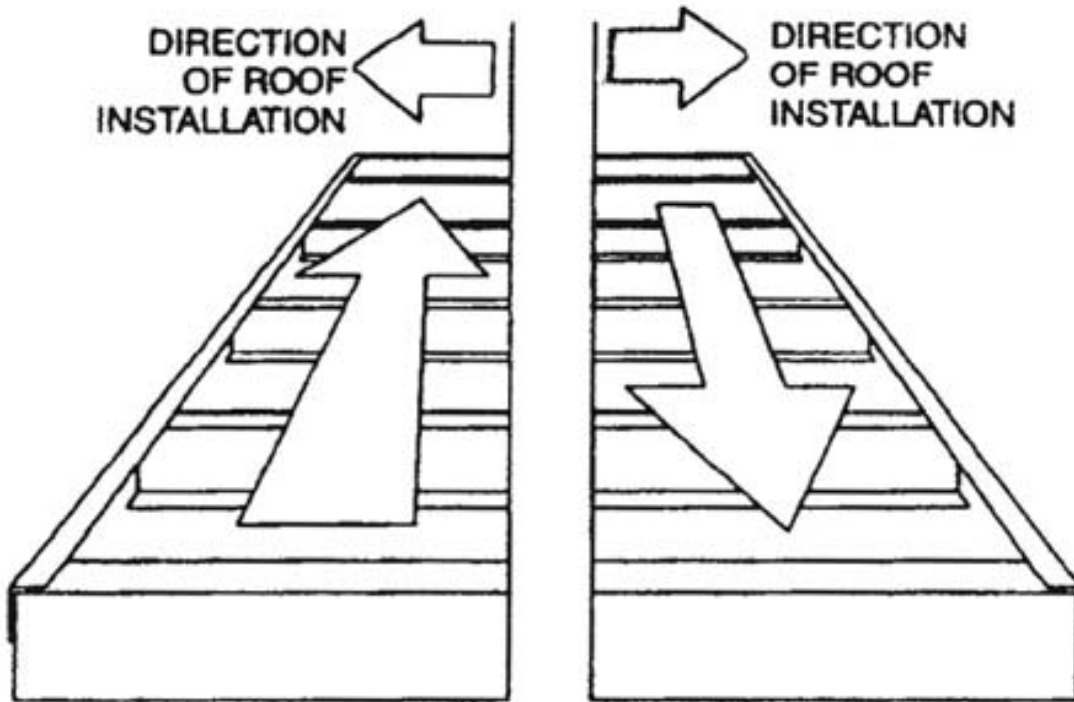
SEAMING INSTRUCTIONS AND PANEL INSTALLATION

1. Install panels on the roof, and with TITE LOC PLUS, ensure the panels are laid so that seamer can be used properly to run downslope. Note that the TLP seamer is one direction only, and will not run upslope on roofs with a 4:12 pitch or higher. TITE LOC seamers are bidirectional and can run up and down slope.

IMPORTANT NOTE: STAND AT THE EAVE AND LOOK UPSLOPE. IF THE ROOF IS INSTALLED LEFT TO RIGHT, THE SEAMER WILL RUN DOWNSLOPE.

(FORMERLY FL 10879)

RIDGE

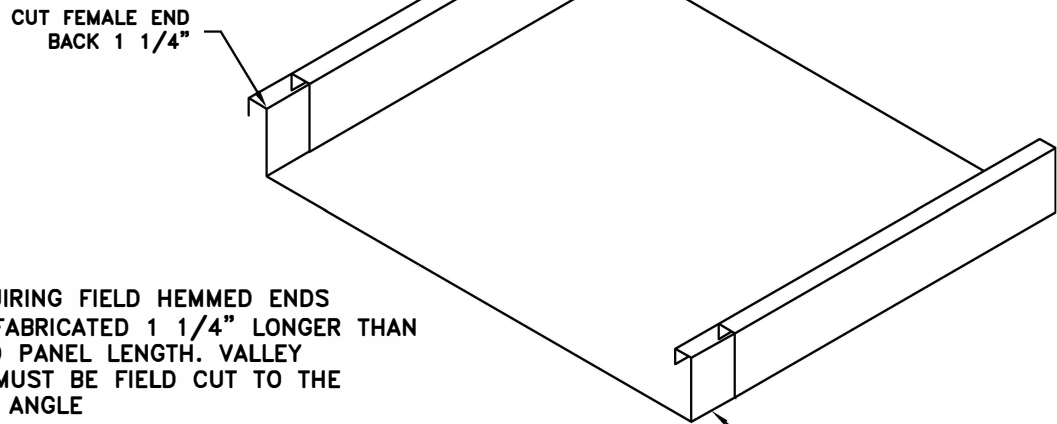


**DETERMINING DIRECTION OF SEAMER
EAVE**

(FORMERLY FL 10879)

TITE-LOC PLUS PANEL HEM PROCEDURE

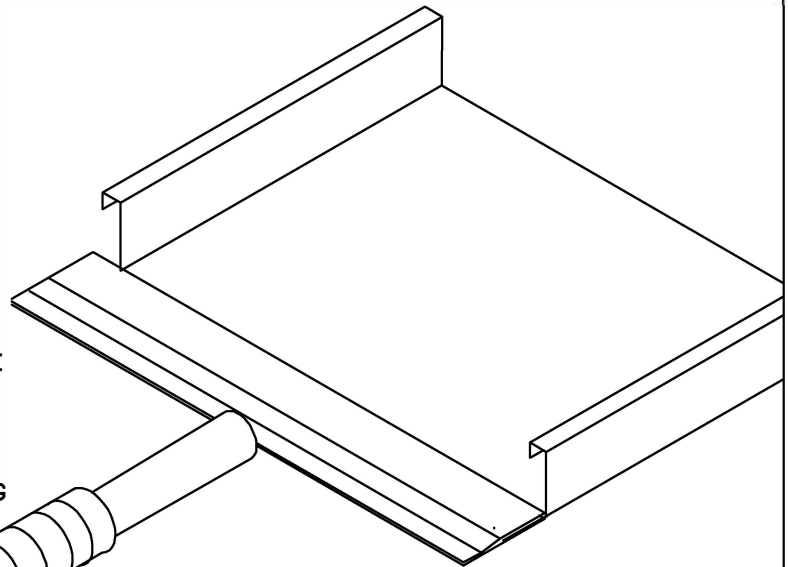
CUT FEMALE END
BACK 1 1/4"



1. PANELS REQUIRING FIELD HEMMED ENDS SHOULD BE FABRICATED 1 1/4" LONGER THAN THE FINISHED PANEL LENGTH. VALLEY CONDITIONS MUST BE FIELD CUT TO THE APPROPRIATE ANGLE

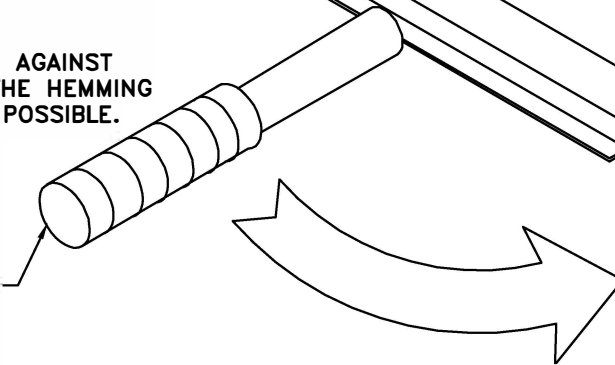
2. CUT BACK PANEL JOINTS 1 1/4"

CUT MALE END
BACK 1 1/4"

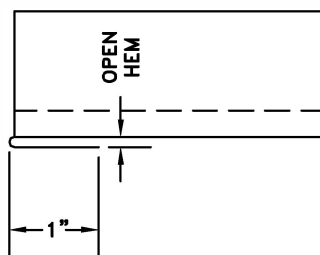


3. PLACE PROTRUDING PAN INTO THE PANEL HEMMING TOOL. THE FRONT EDGE OF THE TOOL MUST REST AGAINST THE NOTCHED JOINT LEGS ON BOTH SIDES.
4. WHILE MAINTAINING PRESSURE AGAINST THE PANEL JOINTS, ROTATE THE HEMMING TOOL AS CLOSE TO 180° AS POSSIBLE.

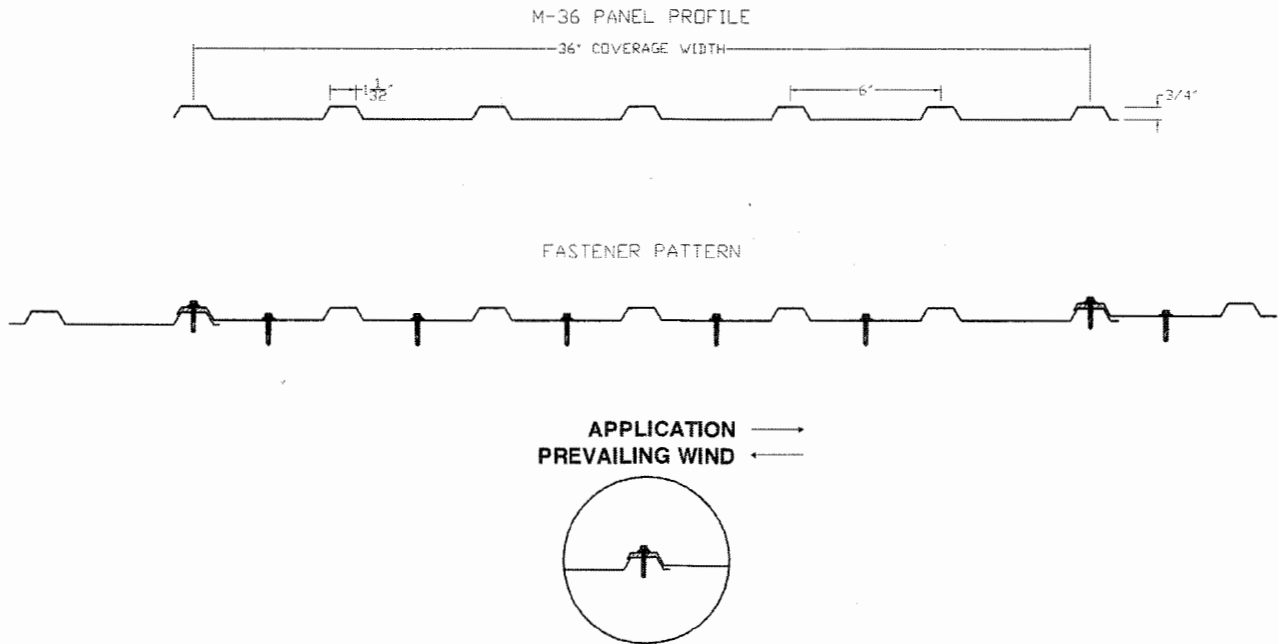
PANEL HEMMING TOOL



5. INSPECT COMPLETED HEM TO INSURE THAT THE HEM IS OPENED AND CAPABLE OF RECEIVING THE CLEAT (SEE ERECTION DETAILS).



FL 29353
M-36 Panel (36" wide)
24GA Steel & .032" Aluminum



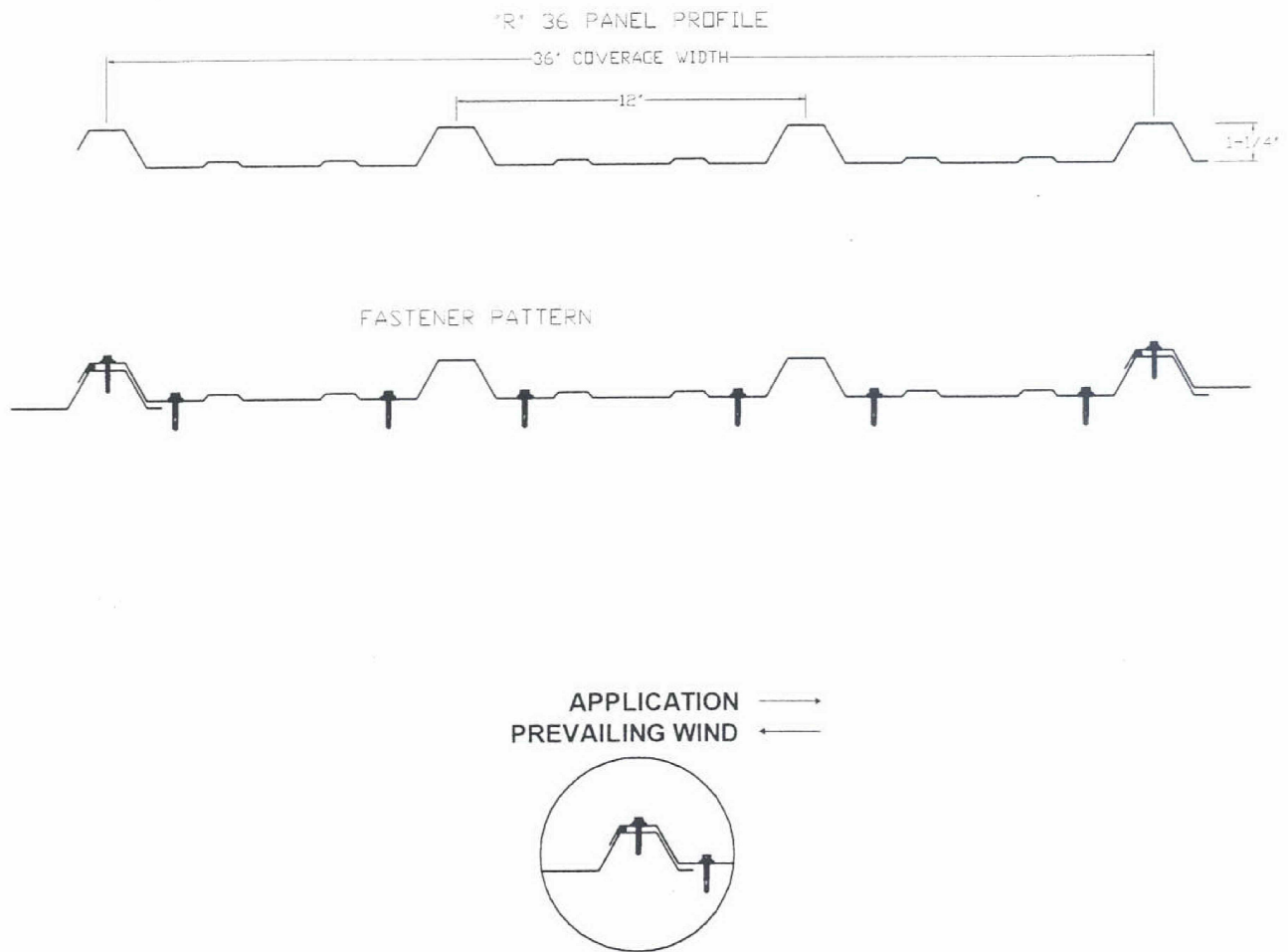
NOTE:

1. Panels should always be lapped against prevailing winds.
2. The above fastening patterns are typical and may not be appropriate for all applications. Consult a Professional Engineer for specific requirements.
3. $\frac{1}{8}$ " x $\frac{1}{2}$ " tape sealant shall be used at all side laps when used as a roof panel.
4. Side lap fasteners are required. Typical spacing is 18", however this spacing may not be appropriate for all applications. Consult a Professional Engineer for specific requirements.
5. DO NOT USE NAILS FOR ANY PANEL ATTACHMENT.

Job Name:	
Date:	
Contractor:	
Notes:	

FL 23953
R--36 Panel (36" wide)
22GA & 24GA Steel
.032" & .040" Aluminum

"R" - 36 PANEL



NOTE:

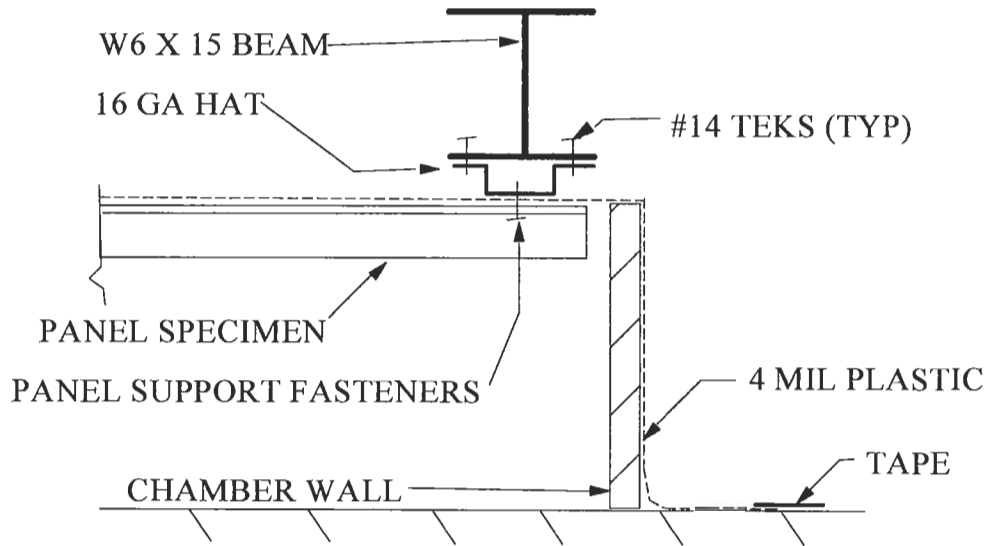
1. Panels should always be lapped against prevailing winds.
2. The above fastening patterns are typical and may not be appropriate for all applications. Consult a Professional Engineer for specific requirements.
3. $\frac{1}{8}$ " x $\frac{1}{2}$ " tape sealant shall be used at all side laps when used as a roof panel.
4. Side lap fasteners are required. Typical spacing is 12", however this spacing may not be appropriate for all applications. Consult a Professional Engineer for specific requirements.
5. DO NOT USE NAILS FOR ANY PANEL ATTACHMENT.

Petersen Aluminum Corporation
4175 Royal Drive, Building 300
Kennesaw, GA 30144
tel: 800-272-4482
fax: 770-420-2533
visit us on the web @ www.pac-clad.com

FL 23953
7.2" Rib Panel
24GA Steel & .032" Aluminum

(FORMERLY FL 11680)

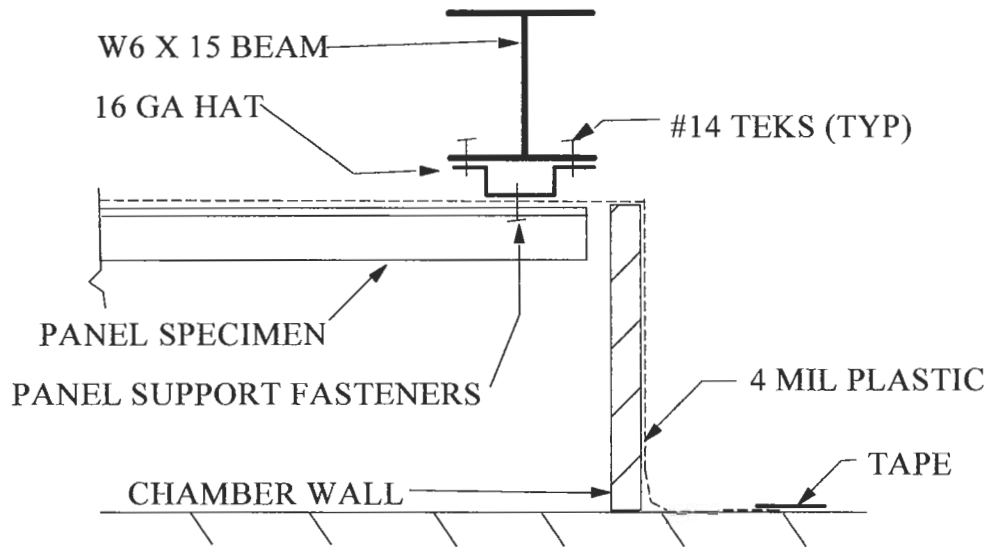
Project No. T277-08



DETAIL 1

(FORMERLY FL 11680)

Project No. T281-08



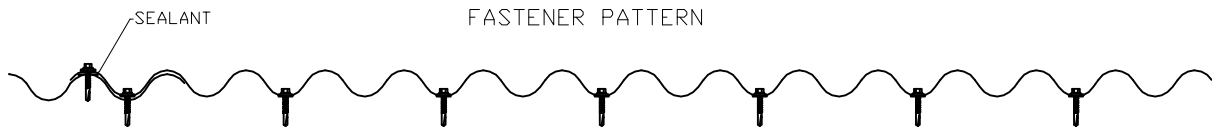
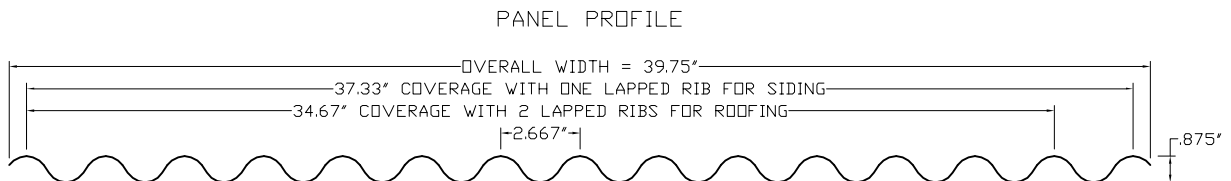
DETAIL 1

FL 29353
2.67" X 7/8" Corrugated Panel
24GA & .032" Aluminum

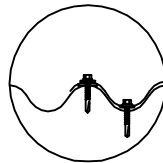


(FORMERLY FL 12311)

2.67" □ 7/8" CORRUGATED



APPLICATION →
PREVAILING WIND ←



NOTE:

1. Panels should always be lapped against prevailing winds.
2. The above fastening patterns are typical and may not be appropriate for all applications. Consult a Professional Engineer for specific requirements.
3. $\frac{1}{8}$ " x $\frac{1}{2}$ " tape sealant shall be used at all side laps when used as a roof panel.
4. Side lap fasteners are required. Typical spacing is 18", however this spacing may not be appropriate for all applications. Consult a Professional Engineer for specific requirements.
5. When using this panel in a roofing application, it should be lapped two corrugations. Panel may be lapped one corrugation when used in a siding application.
6. DO NOT USE NAILS FOR ANY PANEL ATTACHMENT.

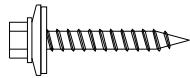
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4175 Royal Drive, Building 300
Kennesaw, GA 30144
tel: 800-272-4482
fax: 770-420-2533
visit us on the web @ www.pac-clad.com



STANDARD PAC-CLAD SCREWS

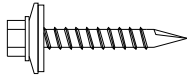
A-POINT SCREWS

A thread forming screw used for light gage metal. Use A-point screws to attach panels to wood. Pre-drilling holes in the panels may be required depending on the metal thickness. Use non-corrosive stainless steel A-point screws to attach aluminum panels to cold-formed steel structural members. Stainless steel, self-drilling screws are not recommended because they must be made from a stainless steel which may corrode. A-point screws may be used to attach panels to light gage metal framing, however pre-drilling may be required. **ALL FASTENERS MUST BE ZINC PLATED OR NON-CORROSIVE STAINLESS STEEL.**



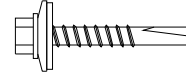
MILL POINT SCREWS

A sharp pointed screw with a small drill tip designed to cut through thin sheet metal. Use Mill point screws for panel to panel and panel to flashing attachments. Total drilling thickness is $\frac{3}{32}$ "



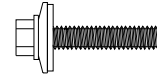
SELF DRILLING SCREWS

A Thread cutting screw designed to cut through light gage metal framing without pre-drilling. Maximum drill thickness is $\frac{3}{16}$ ". Use Self Drilling Screws to attach panels to light gage steel framing. **ALL FASTENERS MUST BE ZINC PLATED OR NON-CORROSIVE STAINLESS STEEL.**



B-POINT SCREWS

A thread forming screw used for heavy gage metal. Use to attach panels to structural steel members. Pre-drilling holes will be required. Also use B-point screws rather than self drilling stainless steel screws to attach aluminum panels to light gage steel. Stainless steel used in self drilling screws may cause corrosion in aluminum panels. **ALL FASTENERS MUST BE ZINC PLATED OR NON-CORROSIVE STAINLESS STEEL.**



FASTENER TYPES			
FASTENER TYPE	FASTENER DESCRIPTION	LENGTH	HEAD SIZE
A	12 MA SELF DRILL W/ WASHER	1-1/4"	$\frac{5}{16}$ "
B	9 OR 10 PANEL TITE SELF DRILL W/ WASHER	1" TO 3" (BY $\frac{1}{2}$ ")	$\frac{1}{4}$ "
C	12-14 PANEL TITE STITCH LAP W/ WASHER	$\frac{7}{8}$ "	$\frac{1}{4}$ "
D	$\frac{1}{4}$ "-14 PANEL SCREWS W/ WASHER	VARIES	$\frac{3}{8}$ "

* FASTENER LENGTHS DO NOT INCLUDE ANY INSULATION THICKNESS BENEATH METAL PANEL

APPLICATION TABLE		
PAC PANEL	DECK	FASTENER FROM ABOVE
ALUMINUM	WOOD	B - IN STAINLESS STEEL
STEEL	WOOD	B - IN ZINC PLATED
ALUMINUM	STEEL DECK, LIGHT GAGE FRAMING	A - IN STAINLESS STEEL
STEEL	STEEL DECK, LIGHT GAGE FRAMING	A - IN ZINC PLATED
ALUMINUM	STRUCTURAL STEEL	D - STAINLESS STEEL
STEEL	STRUCTURAL STEEL	D - IN ZINC PLATED
ALUMINUM PANEL TO ALUMINUM	PANEL FLASHINGS	C - IN STAINLESS STEEL
STEEL PANEL TO STEEL	PANEL FLASHINGS	C - IN ZINC PLATED

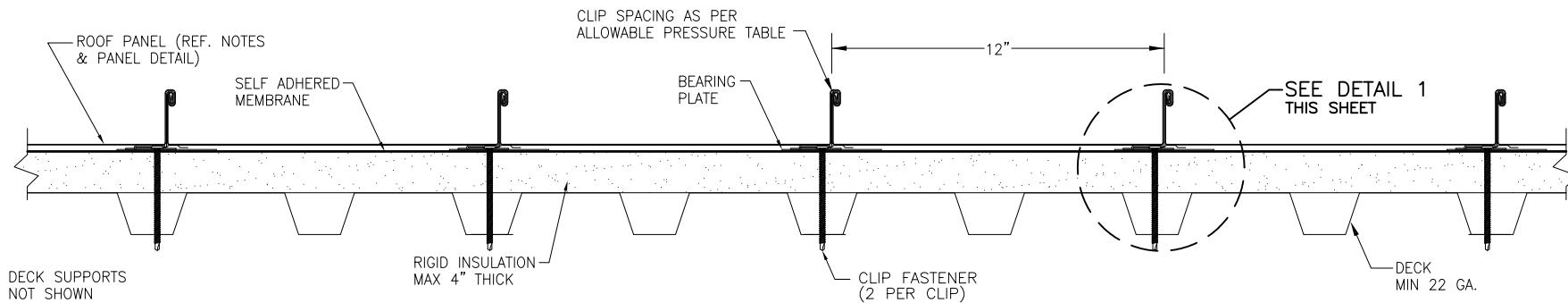
NOTES:

- For $\frac{1}{2}$ " and $\frac{7}{8}$ " Corrugated panels, place a screw no more than one corrugation away from the side-lap. This may result in an odd screw spacing adjacent to the side-lap. Between side-laps, use the fastening schedules shown.
- Side-laps should be fastened at 18" O.C. except for R-36 panels which should be fastened 12" O.C.
- Painted screws are available to color-match painted panels. (1000 piece minimum order)
- The use of nails for fastening these panels is not permitted.
- All exposed screws should have a combination metal and neoprene washer.

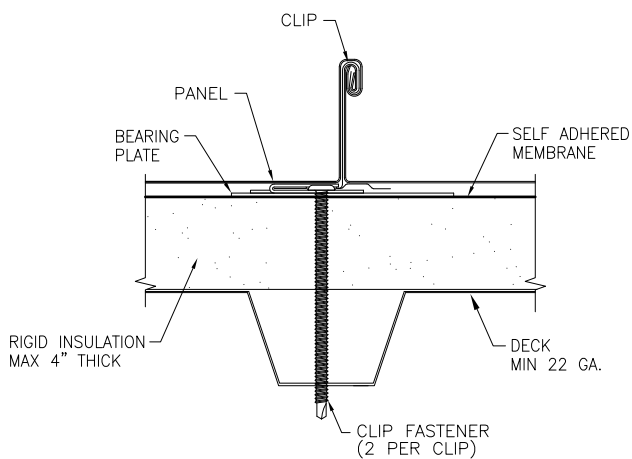
Petersen Aluminum Corporation
 4175 Royal Drive, Building 300
 Kennesaw, GA 30144
 tel: 800-272-4482
 fax: 770-420-2533
 visit us on the web @ www.pac-clad.com

FL 23953
Tite-Loc Plus
12" x .040" Aluminum over 22GA Steel Deck

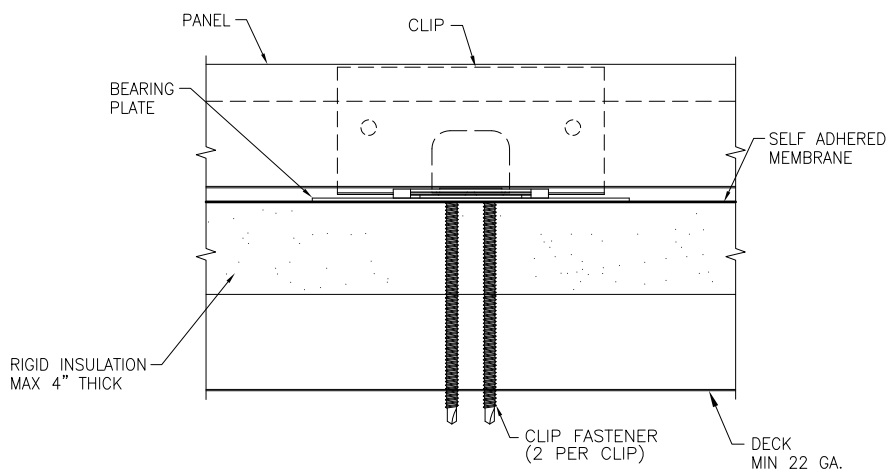
(FORMERLY FL 13487)



TYPICAL PANEL INSTALLATION X-SECTION

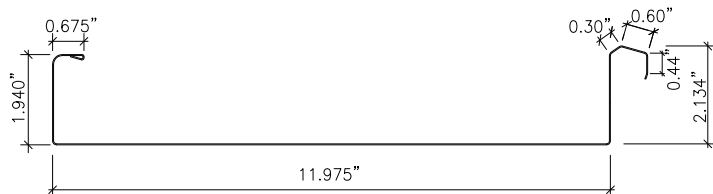


CLIP SECTION VIEW



CLIP SIDE VIEW

DETAIL 1



PANEL SECTION
(NOM. 0.040" THICK ALUMINUM)

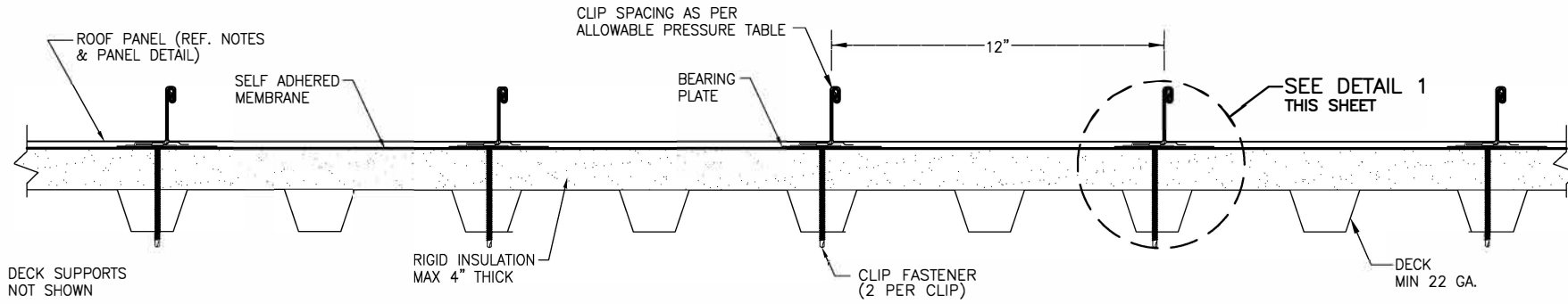
GENERAL NOTES:

1. ARCHITECTURAL STANDING SEAM ROOF PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
2. ROOF PANELS SHALL BE NOM. 0.040" THICK ALUMINUM. MAXIMUM COVERING WIDTH OF PANEL = 12".
3. THE ROOF PANELS SHALL BE INSTALLED OVER STRUCTURE AS SPECIFIED ON THIS DRAWING.
4. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
5. CLIPS AND FASTENERS MUST BE IN ACCORDANCE WITH THIS DRAWING & FLORIDA BUILDING CODE. IF A DIFFERENCE OCCURS BETWEEN THE MINIMUM REQUIREMENTS OF THIS DRAWING & THE CODE, THE CODE SHALL CONTROL.
6. DECK AND SUPPORTS MUST BE DESIGNED TO WITHSTAND WIND LOADS AS REQUIRED FOR EACH APPLICATION AND ARE THE RESPONSIBILITY OF OTHERS.

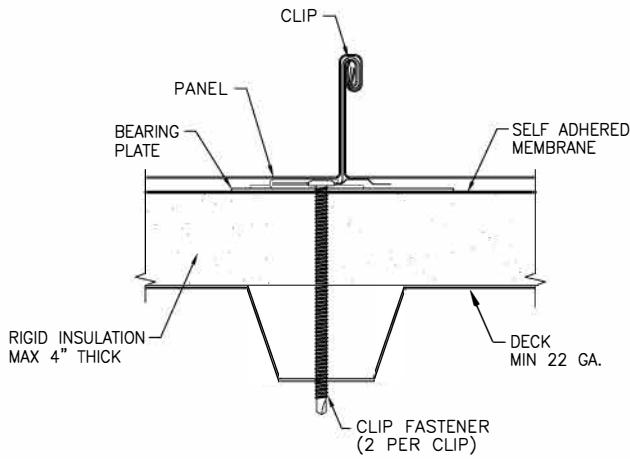
DRAWN BY: B.S.	CHECKED BY: S.D.
DATE: 6/19/15	
NO.	NO.
REVISION DESCRIPTION	DATE
BY	
DRAWING TITLE 12" WIDE, 0.040" THICK ALUMINUM TITE-LOC PLUS PANEL	
CONSULTANTS BALA SOCKALINGAM, PH.D., P.E.	MANUFACTURER PETERSEN ALUMINUM CORPORATION
1216 N LANSING AVE, SUITE C TULSA, OK 74106 PHONE: 918-492-5992 FAX: 866-366-1543	102 NORTHPOINT PARKWAY, BUILDING 106 ACWORTH, GA 30102 800-272-4482
DRAWING NO. 2037-1	REV.
PAGE NO. 1	OF 1

FL 23953
Tite-Loc Plus
12" x 22GA Steel over 22GA Steel Deck

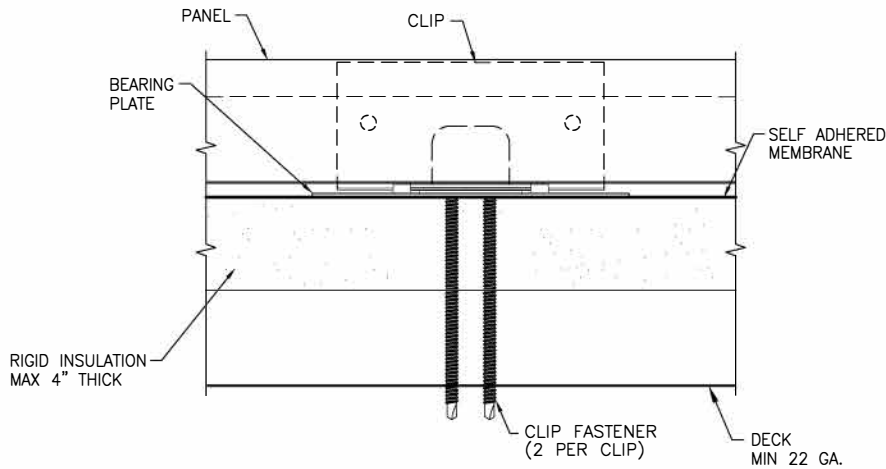
(FORMERLY FL 13487)



TYPICAL PANEL INSTALLATION X-SECTION

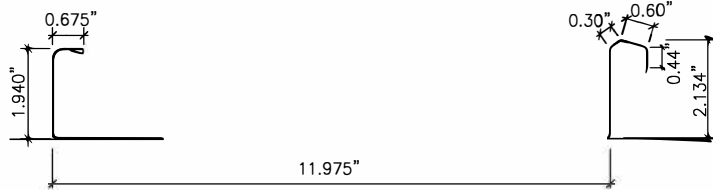


CLIP SECTION VIEW



CLIP SIDE VIEW

DETAIL 1



PANEL SECTION
(MIN. 22 GA.)

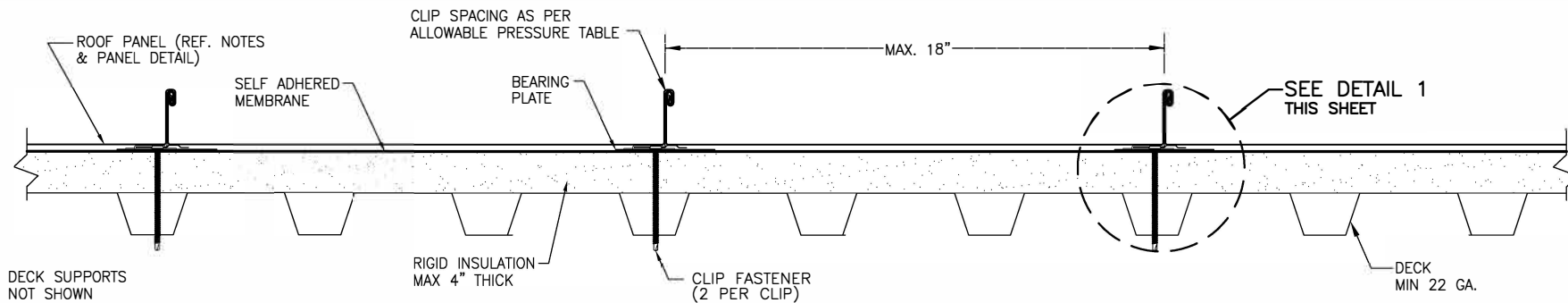
GENERAL NOTES:

1. ARCHITECTURAL STANDING SEAM ROOF PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
2. ROOF PANELS SHALL BE MIN 22 GA. (0.028"). MAXIMUM COVERING WIDTH OF PANEL = 12".
3. THE ROOF PANELS SHALL BE INSTALLED OVER STRUCTURE AS SPECIFIED ON THIS DRAWING.
4. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
5. CLIPS AND FASTENERS MUST BE IN ACCORDANCE WITH THIS DRAWING & FLORIDA BUILDING CODE. IF A DIFFERENCE OCCURS BETWEEN THE MINIMUM REQUIREMENTS OF THIS DRAWING & THE CODE, THE CODE SHALL CONTROL.
6. DECK AND SUPPORTS MUST BE DESIGNED TO WITHSTAND WIND LOADS AS REQUIRED FOR EACH APPLICATION AND ARE THE RESPONSIBILITY OF OTHERS.

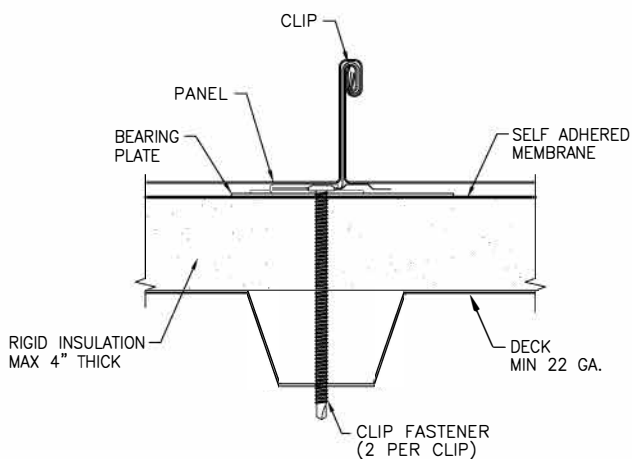
DRAWN BY: B.S.	CHECKED BY: S.D.
PLOT:	DATE: 6/19/15
REVISION DESCRIPTION	NO.
DRAWING TITLE 12" WIDE, 22 GA. TITE-LOC PLUS PANEL	
CONSULTANTS BALA SOCKALINGAM, PH.D., P.E.	
MANUFACTURER PETERSEN ALUMINUM CORPORATION	
102 NORTHPOINT PARKWAY, BUILDING 106 ACWORTH, GA 30102 800-272-4482	
1216 N LANSING AVE, SUITE C TULSA, OK 74106 PHONE: 918-492-5982 FAX: 866-366-1943	
DRAWING NO. 2037-2	REV.
PAGE NO. 1	OF 1

FL 23953
Tite-Loc Plus
18" x 24GA Steel over 22GA Steel Deck

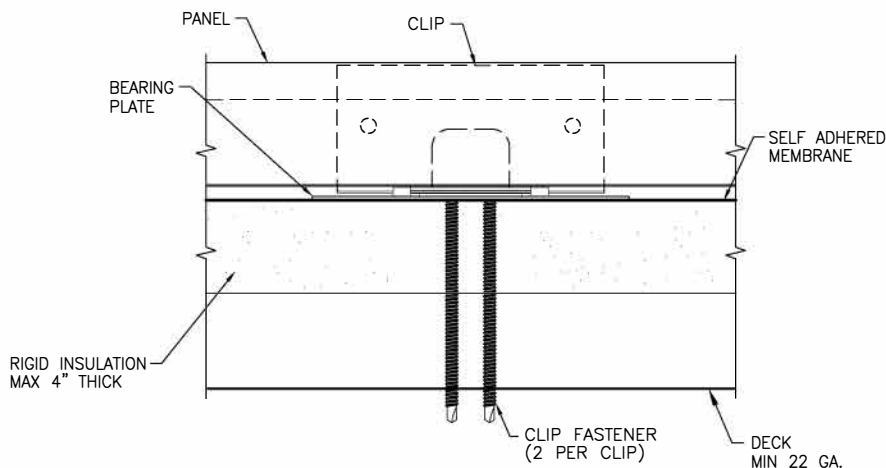
(FORMERLY FL 13487)



TYPICAL PANEL INSTALLATION X-SECTION

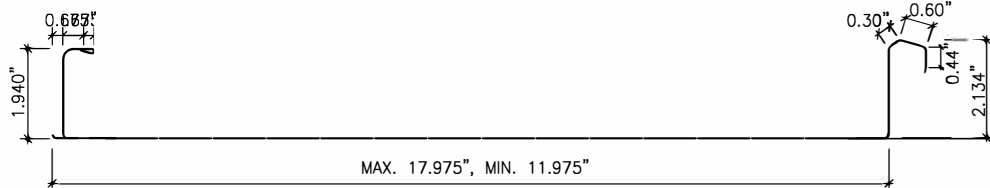


CLIP SECTION VIEW



CLIP SIDE VIEW

DETAIL 1



PANEL SECTION

(MIN 24 GA.)

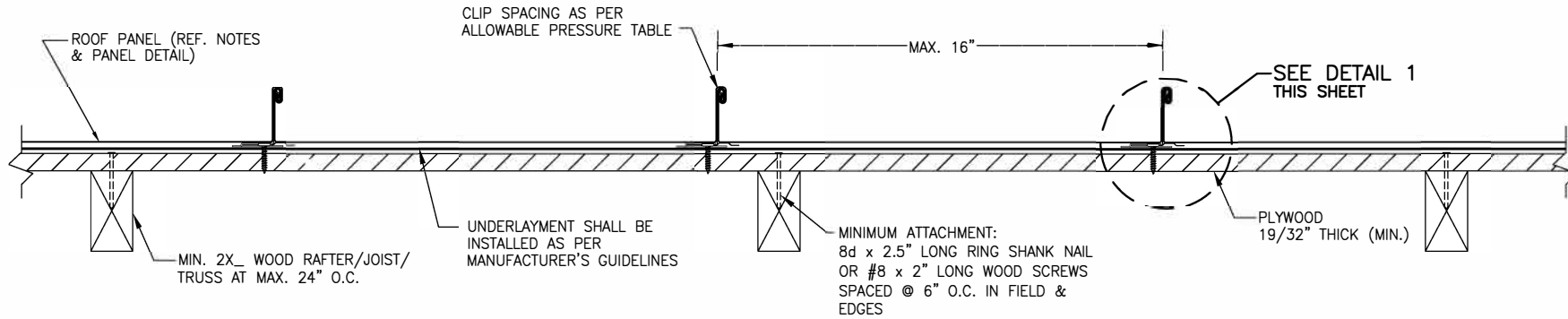
GENERAL NOTES:

1. ARCHITECTURAL STANDING SEAM ROOF PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
2. ROOF PANELS SHALL BE MIN 24 GA. (0.021"). MAXIMUM COVERING WIDTH OF PANEL = 18", MINIMUM 12".
3. THE ROOF PANELS SHALL BE INSTALLED OVER STRUCTURE AS SPECIFIED ON THIS DRAWING.
4. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
5. CLIPS AND FASTENERS MUST BE IN ACCORDANCE WITH THIS DRAWING & FLORIDA BUILDING CODE. IF A DIFFERENCE OCCURS BETWEEN THE MINIMUM REQUIREMENTS OF THIS DRAWING & THE CODE, THE CODE SHALL CONTROL.
6. DECK AND SUPPORTS MUST BE DESIGNED TO WITHSTAND WIND LOADS AS REQUIRED FOR EACH APPLICATION AND ARE THE RESPONSIBILITY OF OTHERS.

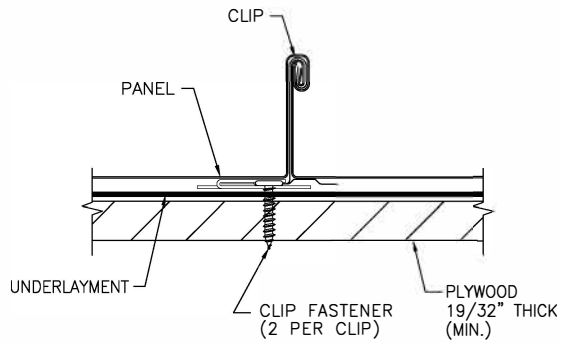
DRAWN BY: B.S.	CHECKED BY: S.D.
PLOT:	DATE: 6/19/15
NO.	REVISION DESCRIPTION
BY	DATE
DRAWING TITLE 18" WIDE, 24 GA. TITE-LOC PLUS PANEL	
MANUFACTURER PETERSEN ALUMINUM CORPORATION	
CONSULTANTS BALA SOCKALINGAM, PH.D., P.E.	
1216 N LANSING AVE, SUITE C TULSA, OK 74106 PHONE: 918-492-5982 FAX: 866-366-1943	
102 NORTHPOINT PARKWAY, BUILDING 106 ACWORTH, GA 30102 800-272-4482	
DRAWING NO. 2037-3	REV.
PAGE NO. 1	OF 1

FL 23953
Tite-Loc Plus
16" x .032" Aluminum over 15/32" Plywood

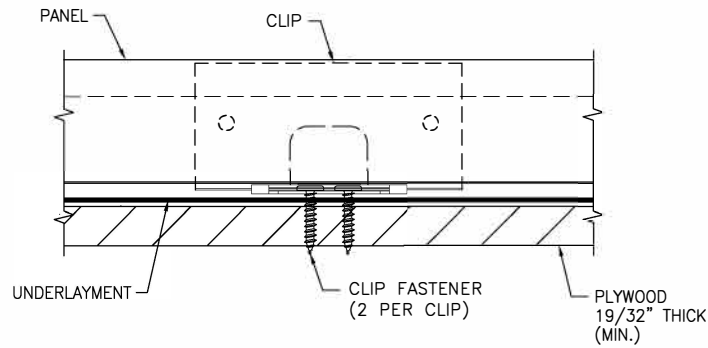
(FORMERLY FL 13487)



TYPICAL PANEL INSTALLATION X-SECTION

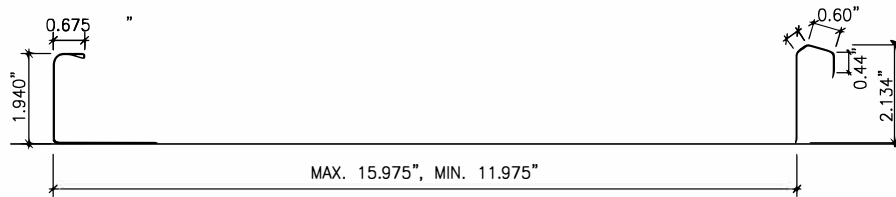


CLIP SECTION VIEW



CLIP SIDE VIEW

DETAIL 1



PANEL SECTION
(NOM. 0.032" THICK ALUMINUM)

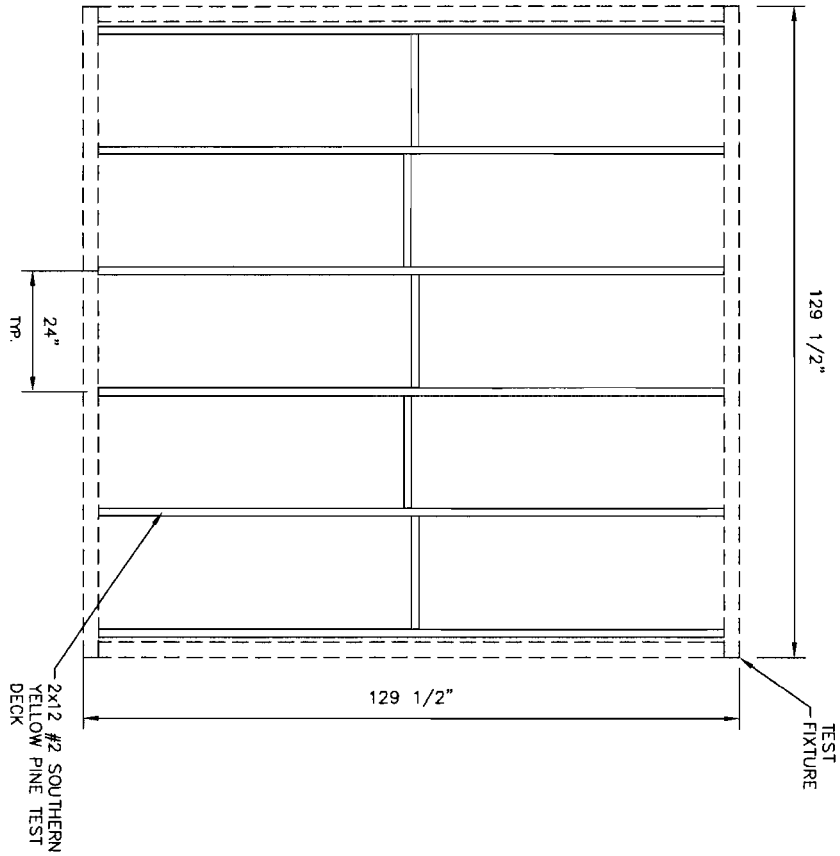
GENERAL NOTES:

1. ARCHITECTURAL STANDING SEAM ROOF PANEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
2. ROOF PANELS SHALL BE NOM. 0.032" THICK ALUMINUM. MAXIMUM COVERING WIDTH OF PANEL = 16", MINIMUM 12".
3. THE ROOF PANELS SHALL BE INSTALLED OVER STRUCTURE AS SPECIFIED ON THIS DRAWING.
4. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
5. CLIPS AND FASTENERS MUST BE IN ACCORDANCE WITH THIS DRAWING & FLORIDA BUILDING CODE. IF A DIFFERENCE OCCURS BETWEEN THE MINIMUM REQUIREMENTS OF THIS DRAWING & THE CODE, THE CODE SHALL CONTROL.
6. DECK AND SUPPORTS MUST BE DESIGNED TO WITHSTAND WIND LOADS AS REQUIRED FOR EACH APPLICATION AND ARE THE RESPONSIBILITY OF OTHERS.

DRAWN BY: B.S.	CHECKED BY: S.D.
PLOT:	DATE: 6/19/15
NO.	DATE
BY	
REVISION DESCRIPTION	
DRAWING TITLE 16" WIDE, 0.032" THICK ALUMINUM TITE-LOC PLUS PANEL	
CONSULTANTS BALA SOCKALINGAM, PH.D., P.E.	
MANUFACTURER PETERSEN ALUMINUM CORPORATION	
1216 N LANSING AVE, SUITE C TULSA, OK 74106	
102 NORTHPOINT PARKWAY, BUILDING 106 ACWORTH, GA 30102	
PHONE: 918-492-5852 FAX: 986-366-1543	
DRAWING NO. 2037-4	REV.
PAGE NO. 1	OF 1

FL 23953
Edge-Loc 1.0
.032" Aluminum

(FORMERLY FL 17810)



TEST DECK ELEVATION

N.T.S.

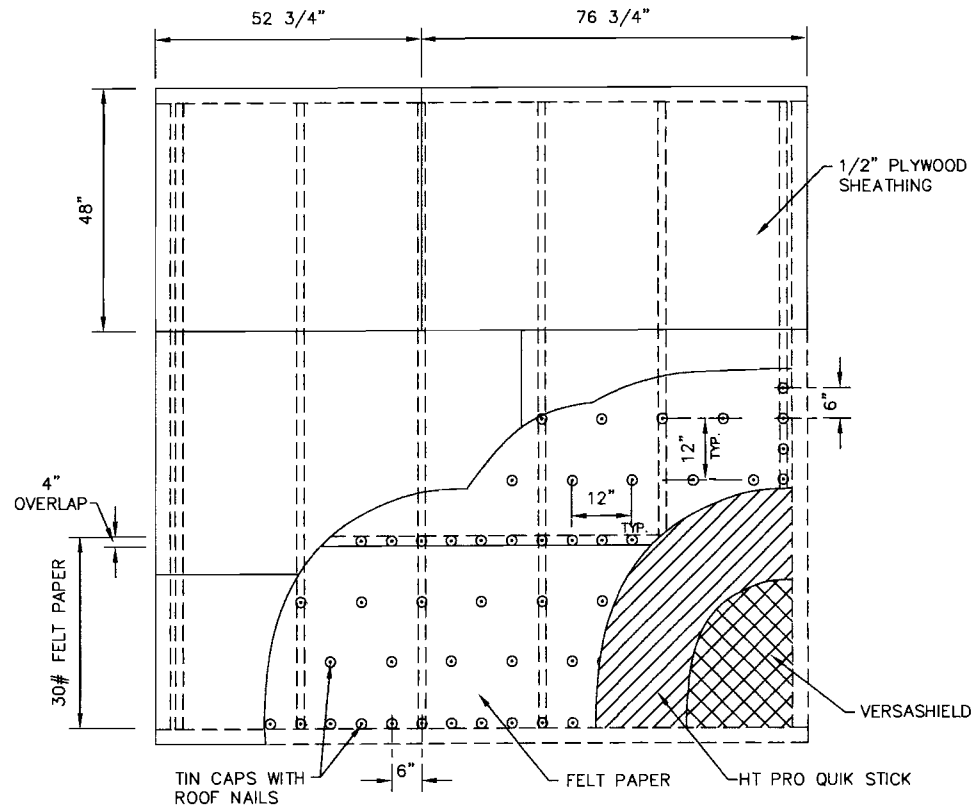
Invertek
Architectural Testing
Part of the BetterTogether.
Test sample complies with these details
Deviations are noted
Report #: E197701-450-18
Date 03/10/2015 Verified By: Alan Rule

DATE	REVISION	DESCRIPTION	REV. BY:

DRAWING: PETERSEN ALUMINUM CORPORATION 0.032" ALUMINUM EDGE-LOC 1.0 16" COVERAGE ON 1/2" PLYWOOD	DRAWING BY: JWR DATE: 2/27/15	SHEET 34 of 48 4
---	--	------------------------

PROJECT NO. E1977.01
 PROJECT NAME: 0.032" ALUMINUM EDGE-LOC 1.0
 CLIENT: PETERSEN ALUMINUM CORPORATION

(FORMER FL 17810)



SHEATHING SYSTEM ELEVATION

N.T.S.

ANCHORAGE AND ATTACHMENT NOTES:

PLYWOOD SHEATHING TO STRUCTURAL SUPPORT FRAME.
 CORNER AND FIELD SPECIMENS:
 8D x 2-1/4" GALVANIZED RING SHANK COMMON NAILS AT 6" O.C.

FELT PAPER.
 PERIMETER AND SEAMS; 0.120" x 1 1/4" GALVANIZED ANNULAR RING SHANK ROOFING NAILS WITH 32ga. TIN CAPS SPACED 6" O.C.
 INTERMEDIATE ROWS; 0.120" x 1 1/4" GALVANIZED ANNULAR RING SHANK ROOFING NAILS WITH 32ga. TIN CAPS SPACED 12" O.C. STAGGERED
 A 4" OVERLAP WAS USED WHEN LAYING ADJACENT SHEETS OF FELT PAPER.

VAPOR AND MOISTURE BARRIER.
 A SINGLE LAYER OF HT PRO QUIK-STICK MEMBRANE WAS SELF ADHERED TO THE FELT PAPER. A 4" OVERLAP WAS USED BETWEEN ADJACENT SHEETS.

FIRE BARRIER.
 EACH SHEET OF VERSASHIELD WAS CUT TO THE REQUIRED SIZE AND LAID LOOSELY OVER THE QUIK-STICK HT MEMBRANE. A 5" OVERLAP WAS USED WHEN LAYING ADJACENT SHEETS OF VERSASHIELD.

REV. BY:	SHEET	of
	2	4
DRAWING BY:	DATE:	
AWR	2/27/15	
DESCRIPTION		
DRAWING: PETERSEN ALUMINUM CORPORATION		
0.032" ALUMINUM EDGE-LOC 1.0		
16" COVERAGE ON 1/2" PLYWOOD		
DATE	REVISION	
		Architectural Testing

PROJECT NAME: 0.032" ALUMINUM EDGE-LOC 1.0
 CLIENT: PETERSEN ALUMINUM CORPORATION

PROJECT NO.
 E1977.01

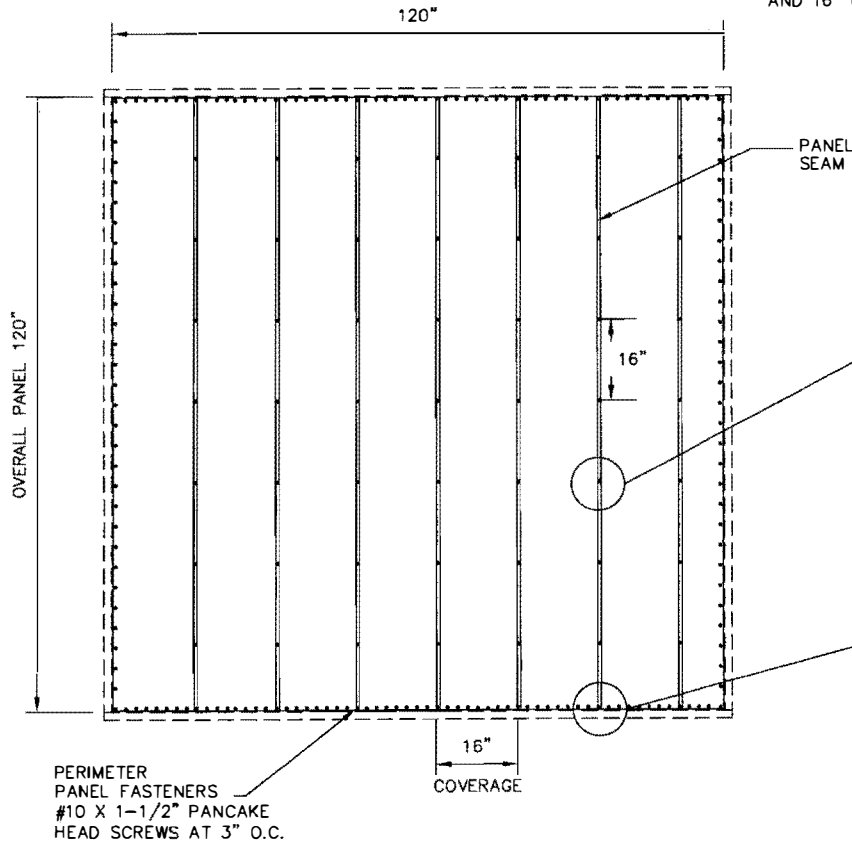


Test sample complies with these details
 Deviations are noted
 Report # E1977.01-450-18
 Date 03/10/2015 Verified By Alan Rule

(FORMER FL 17810)

FIELD SPECIMEN

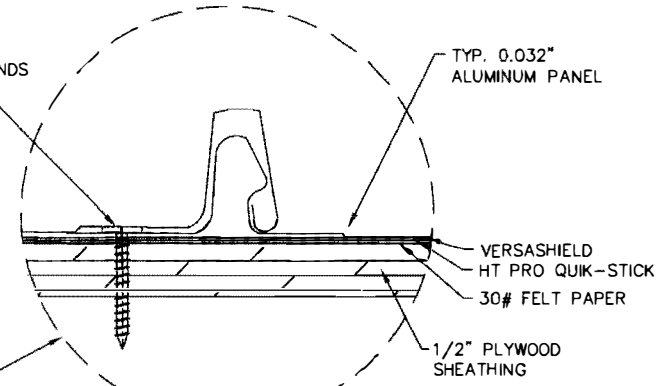
0.032" ALUMINUM PANELS
20" COIL WIDTH
16" COVERAGE ON 1/2" PLYWOOD



PANEL ELEVATION
FIELD SPECIMEN

N.T.S.

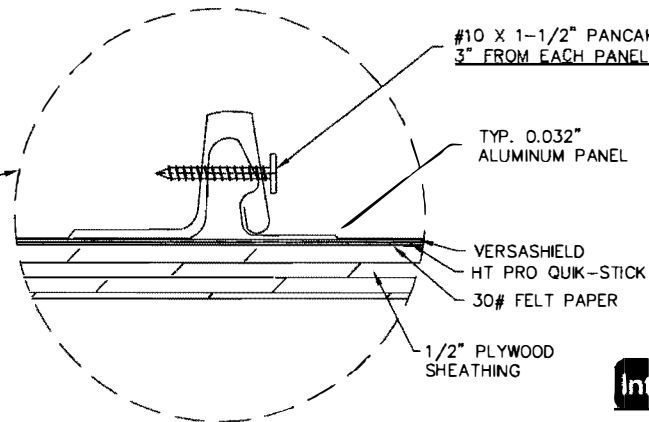
#10 x 1-1/2" PANCAKE
HEAD SCREWS 12" FROM ENDS
AND 16" ON CENTER



TYP. FIELD INSTALLATION

N.T.S.

#10 X 1-1/2" PANCAKE HEAD SCREW
3" FROM EACH PANEL END ONLY



PANEL END DETAIL

N.T.S.



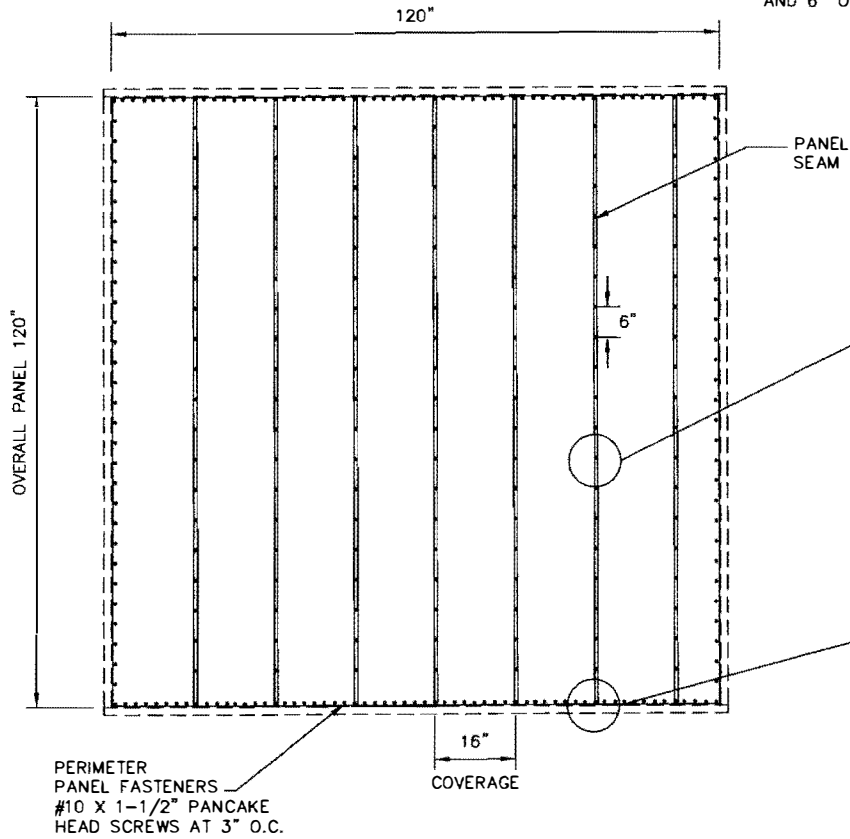
Test sample complies with these details
Deviations are noted
Report # E1977.01-450-18
Date 03/10/2015 Verified By Alan Rule

REV. BY:	SHEET	REV. BY:	DESCRIPTION	REVISION	DATE
	3 of 4	DRAWING BY: AMR	PETERSEN ALUMINUM CORPORATION 0.032" ALUMINUM EDGE-LOC 1.0 16" COVERAGE ON 1/2" PLYWOOD		
		DATE: 2/27/15			
PROJECT NO.:	PROJECT NAME:		CLIENT:		
E1977.01	0.032" ALUMINUM EDGE-LOC 1.0		PETERSEN ALUMINUM CORPORATION		

(FORMER FL 17810)

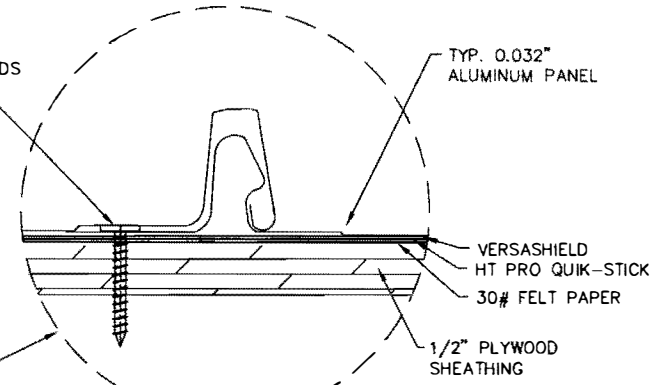
0.032" ALUMINUM PANELS
20" COIL WIDTH
16" COVERAGE ON 1/2" PLYWOOD

CORNER SPECIMEN



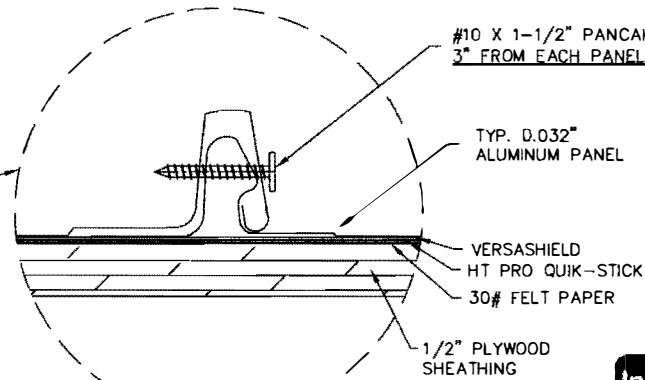
PANEL ELEVATION N.T.S.
CORNER SPECIMEN

#10 x 1-1/2" PANCAKE HEAD SCREWS 6" FROM ENDS AND 6" ON CENTER



TYP. CORNER INSTALLATION N.T.S.

#10 X 1-1/2" PANCAKE HEAD SCREW 3" FROM EACH PANEL END ONLY



PANEL END DETAIL N.T.S.



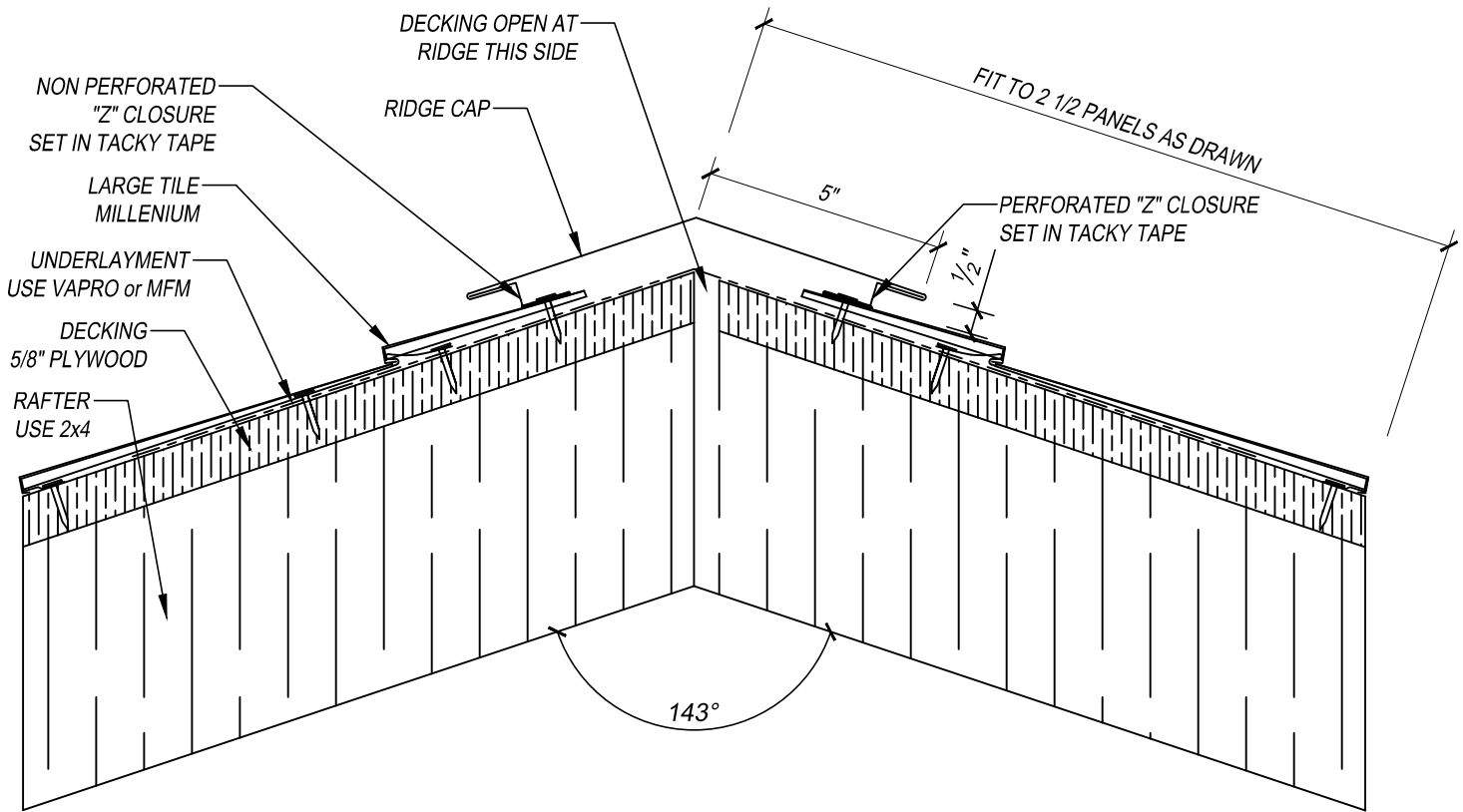
Test sample complies with these details
Deviations are noted
Report # E1977.01-450-18
Date 03/10/2015 Verified By Alan Rule

DATE	REVISION	DESCRIPTION	REV. BY:	SHEET
				4
				4
				4

PROJECT NAME: 0.032" ALUMINUM EDGE-LOC 1.0
CLIENT: PETERSEN ALUMINUM CORPORATION
DRAWING BY: AMR
DATE: 2/27/15
PROJECT NO. E1977.01

FL 23953
Large Precision Tile
14.5" x .032" Aluminum
14.5" x 24GA Steel

(FORMERLY FL 22548)

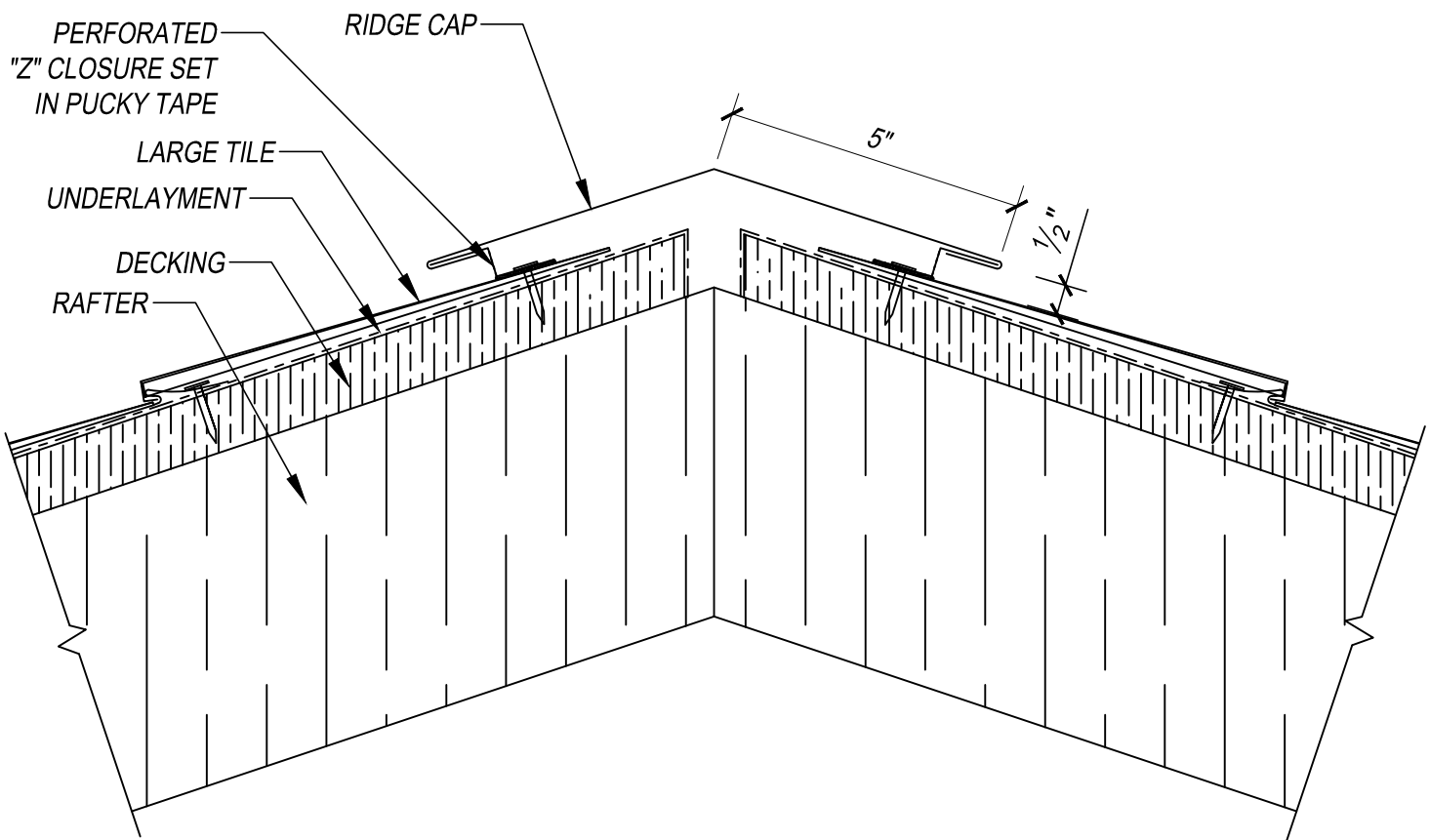


Precision Flat Tile - Ridge Cap



GA. AVAILABLE: 24 GA. STEEL .032 ALUMINUM	MATERIALS: STEEL ALUMINUM	SIZES AVAILABLE: 8 3/8" x 14 1/2"	FINISH: PAC-CLAD PVDF	WEBSITE: WWW.PAC-CLAD.COM
HQ: 1005 Tonne Road Elk Grove Village, IL 60007 P: 800-PAC-CLAD F: 800-722-7150	9060 Junction Drive Annapolis Junction, MD 20701 P: 800-344-1400 F: 301-953-7627	10551 PAC Road Tyler, TX 75707 P: 800-441-8661 F: 903-581-8592	102 Northpoint Parkway Acworth, GA 30102 P: 800-272-4482 F: 770-420-2533	SALES OFFICE 1885 Station Parkway NW Suite B P: 800-332-4382 F: 866-901-2935

(FORMERLY FL 22548)



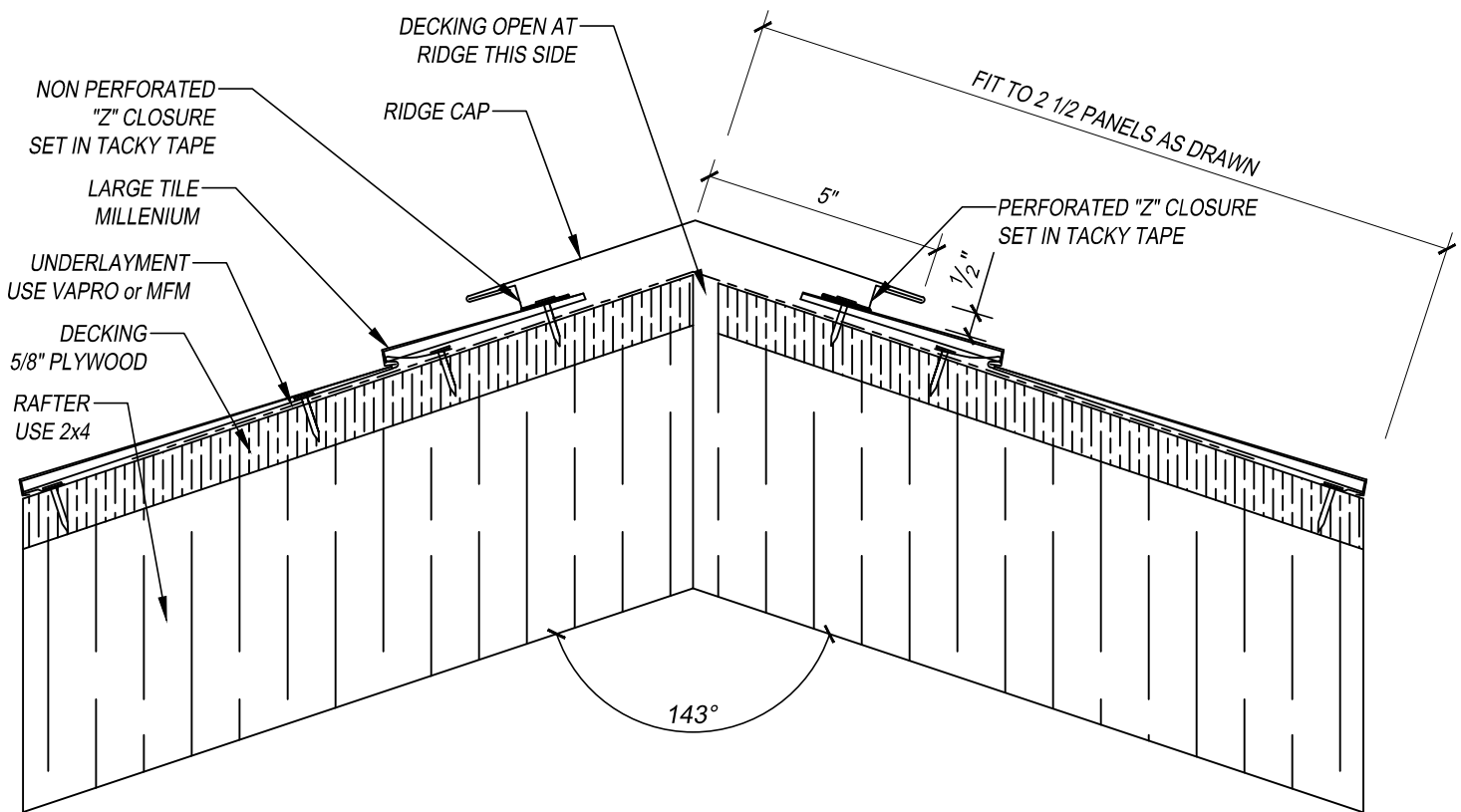
Precision Flat Tile - Ventilated Ridge Cap



GA. AVAILABLE: 24 GA. STEEL .032 ALUMINUM	MATERIALS: STEEL ALUMINUM	SIZES AVAILABLE: 8 3/8" x 14 1/2"	FINISH: PAC-CLAD PVDF	WEBSITE: WWW.PAC-CLAD.COM
HQ: 1005 Tonne Road Elk Grove Village, IL 60007 P: 800-PAC-CLAD F: 800-722-7150	9060 Junction Drive Annapolis Junction, MD 20701 P: 800-344-1400 F: 301-953-7627	10551 PAC Road Tyler, TX 75707 P: 800-441-8661 F: 903-581-8592	102 Northpoint Parkway Acworth, GA 30102 P: 800-272-4482 F: 770-420-2533	SALES OFFICE 1885 Station Parkway NW Suite B P: 800-441-8661 F: 866-901-2935

FL 23953
Precision Diamond Tile
7.25" x .032" Aluminum
7.25" x 24GA Steel

(FORMERLY FL 22548)

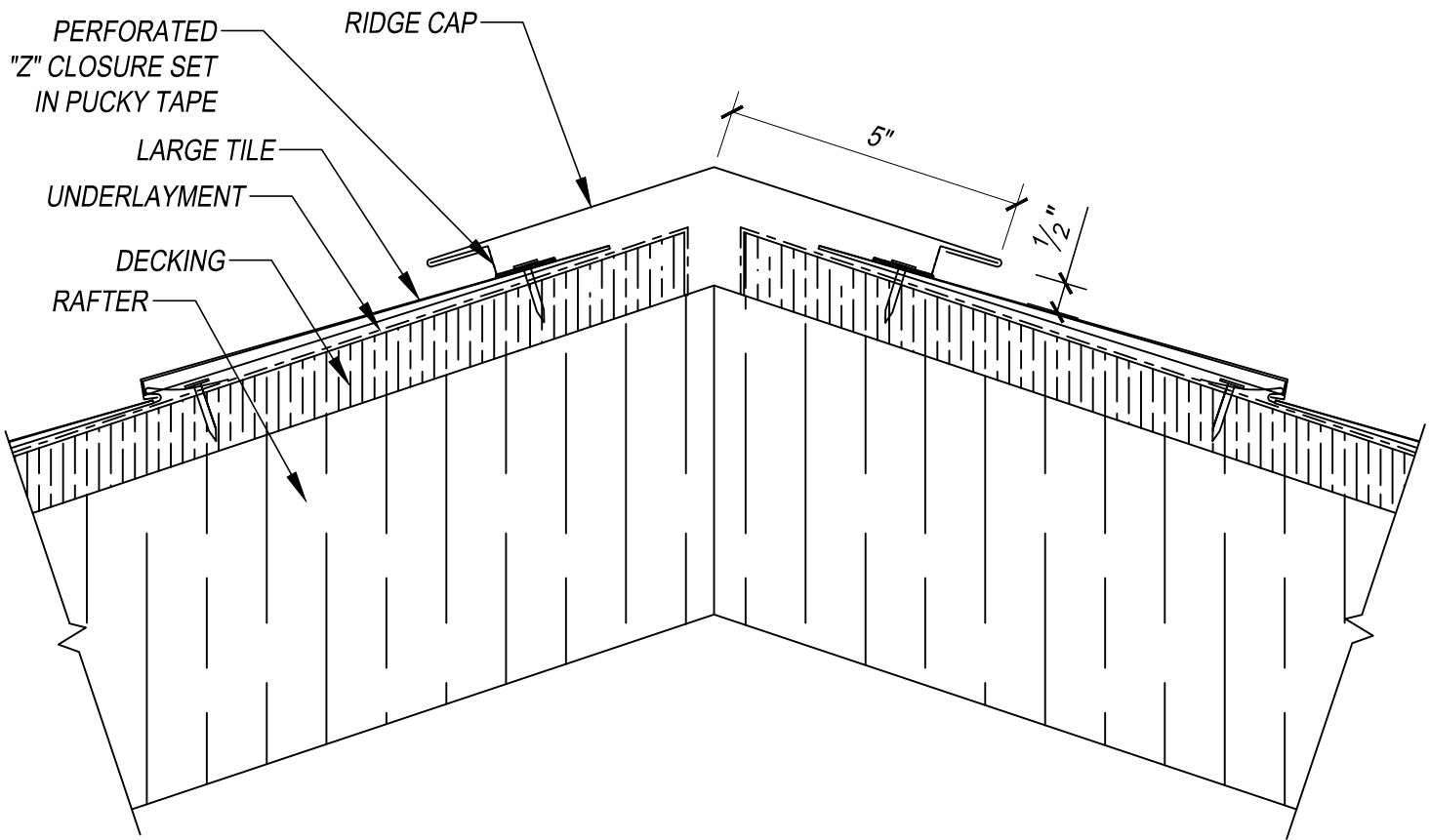


Precision Flat Tile - Ridge Cap



GA. AVAILABLE: 24 GA. STEEL .032 ALUMINUM	MATERIALS: STEEL ALUMINUM	SIZES AVAILABLE: 8 3/8" x 14 1/2"	FINISH: PAC-CLAD PVDF	WEBSITE: WWW.PAC-CLAD.COM
HQ: 1005 Tonne Road Elk Grove Village, IL 60007 P: 800-PAC-CLAD F: 800-722-7150	9060 Junction Drive Annapolis Junction, MD 20701 P: 800-344-1400 F: 301-953-7627	10551 PAC Road Tyler, TX 75707 P: 800-441-8661 F: 903-581-8592	102 Northpoint Parkway Acworth, GA 30102 P: 800-272-4482 F: 770-420-2533	SALES OFFICE 1885 Station Parkway NW Suite B P: 800-441-8661 F: 866-901-2935

(FORMERLY FL 22548)



Precision Flat Tile - Ventilated Ridge Cap



GA. AVAILABLE: 24 GA. STEEL .032 ALUMINUM	MATERIALS: STEEL ALUMINUM	SIZES AVAILABLE: 8 3/8" x 14 1/2"	FINISH: PAC-CLAD PVDF	WEBSITE: WWW.PAC-CLAD.COM
HQ: 1005 Tonne Road Elk Grove Village, IL 60007 P: 800-PAC-CLAD F: 800-722-7150	9060 Junction Drive Annapolis Junction, MD 20701 P: 800-344-1400 F: 301-953-7627	10551 PAC Road Tyler, TX 75707 P: 800-441-8661 F: 903-581-8592	102 Northpoint Parkway Acworth, GA 30102 P: 800-272-4482 F: 770-420-2533	SALES OFFICE 1885 Station Parkway NW Suite B P: 800-441-8661 F: 866-901-2935