MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Chief Industries, Inc.
P O Box 2078
Grand Island, Nebraska 68802

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: " MSC " 0.024" (min.) Structural Standing Seam Steel Roof Panel

APPROVAL DOCUMENT: Drawing No. MSC, titled " MSC Roof Panel ", sheets 1 through 13 of 13, dated September 07, 2023, prepared by Chief Industries, Inc., signed and sealed by Dennis Lee Johnson, P.E. on January 02, 2024, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, **Rensselaer, Indiana** and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews NOA #20-1215.01** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval documents mentioned above.
The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**

MIAMI-DADE COUNTY APPROVED

Helmy A. Makar
02/27/25

NOA No. 24-0102.11
Expiration Date: 02/25/2030
Approval Date: 02/27/2025

Chief Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #15-0930.13

A. DRAWINGS

1. *Drawing No. MSC, titled " MSC Roof Panel ", sheets 1 through 10 of 10, dated July 16, 2016, prepared by Chief Industries, Inc., signed and sealed by Dennis Johnson, P.E. on July 16, 2016.*

B. TESTS

1. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 12" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06L, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
2. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 12" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-061-K, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
3. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 18" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06E-G, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
4. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 24" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06A-C, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
5. *Test report on Uplift Resistance per ASTM E 1592-01 on DoubleLok 24" wide 24 ga. Roof Panel, prepared by Force Engineering & Testing, Inc., Report No. 07-0129T-06D, dated July 12, 2006, signed and sealed by Terrence E. Wolfe, P.E.*
6. *Test report on: 2000 hours Accelerated Weathering per ASTM G23, prepared by The Valspar Corporation, dated 08/12/98, signed by Clark Higginbotham.*
7. *Susceptibility to leakage test in accordance with Miami-Dade County Protocol PA 114 Appendix G, prepared by Farabaugh Engineering and Testing, Inc., Report No. T170-06, dated 06/07/2006, signed and sealed by Daniel G. Farabaugh, P.E.*
8. *Test report on Large Missile Impact Test, prepared by Farabaugh Engineering and Testing, Inc., Test Report No. T169-06, dated 06/07/2006, signed and sealed by Daniel G. Farabaugh, P.E.*

C. CALCULATIONS

1. *Calculations titled "Span Load" 24 ga., 13 pages, prepared by Dennis Johnson, P.E. on Sept. 08, 2015, signed & sealed by Dennis Johnson, P.E. on Sept. 08, 2015.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *Tensile Test on each specimen tested, prepared by Bodycote Materials Testing, Inc.*

F. OTHERS

1. *Private Label Agreement (NCI 15-0505.28).*

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0102.11
Expiration Date: 02/25/2030
Approval Date: 02/27/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0821.02

A. DRAWINGS

1. *Drawing No. MSC, titled " MSC Roof Panel ", sheets 1 through 10 of 10, dated November 04, 2018, prepared by Chief Industries, Inc., signed and sealed by Dennis Johnson, P.E. on November 04, 2018.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Private Label Agreement (NCI 18-0312.07).*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-1215.01

A. DRAWINGS

1. *Drawing No. MSC, titled "MSC Roof Panel", sheets 1 through 13 of 13, dated September 23, 2019, prepared by Chief Industries, Inc., signed and sealed by Dennis Johnson, P.E. on December 02, 2020.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Private Label Agreement (NCI 18-0312.07).*
2. *FBC 2020 Edition compliance letter prepared by Specialty Plus, LLC, Signed and sealed by Dennis Johnson, P.E. on 08/05/21.*

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0102.11
Expiration Date: 02/25/2030
Approval Date: 02/27/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. MSC, titled " MSC Roof Panel ", sheets 1 through 13 of 13, dated September 07, 2023, prepared by Chief Industries, Inc., signed and sealed by Dennis Lee Johnson, P.E. on January 02, 2024.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

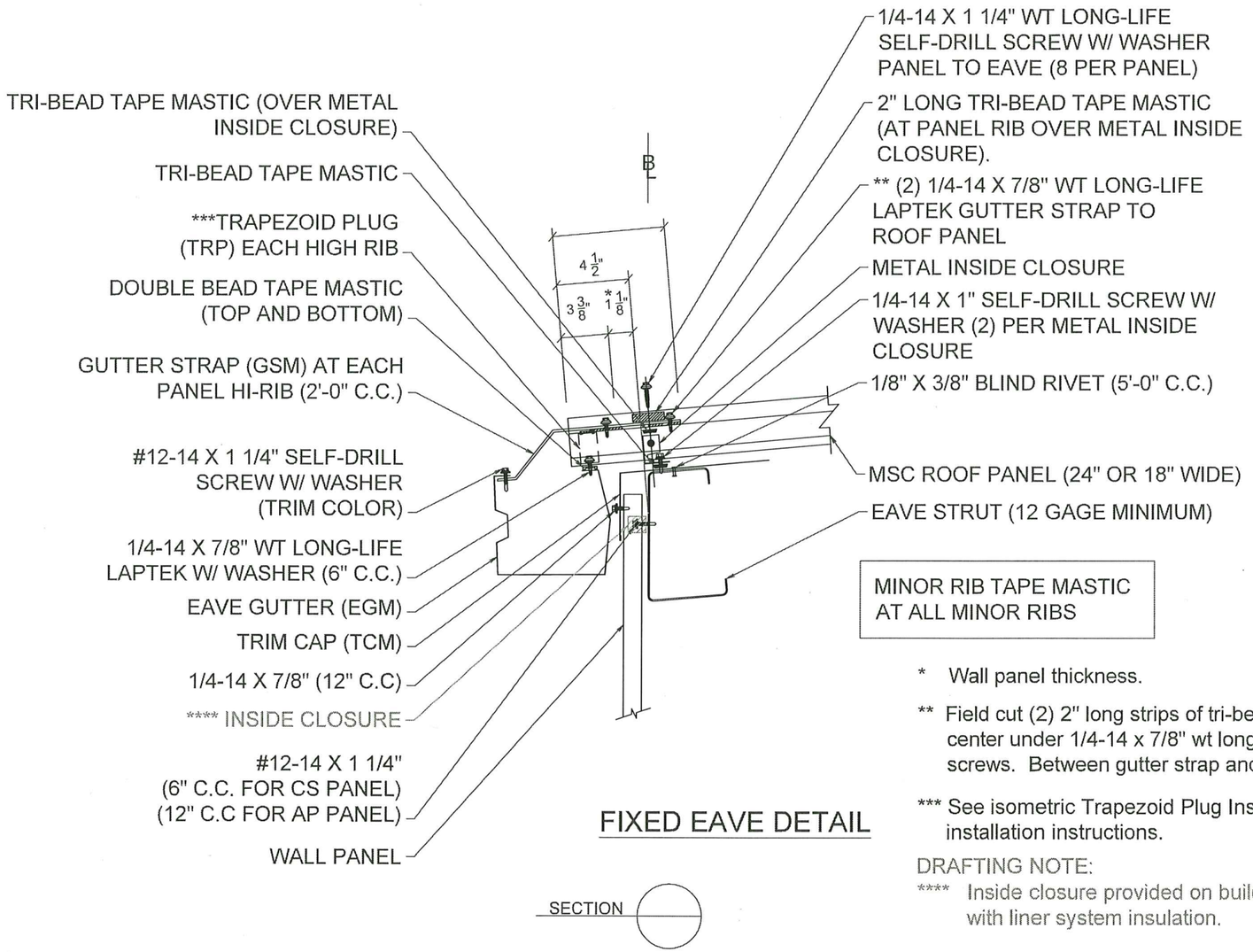
E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Private Label Agreement (NCI 24-1113.01).*
2. *FBC 2023 Edition compliance letter prepared by Specialty Plus, LLC, Signed and sealed by Dennis Johnson, P.E. on 01/02/24.*

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0102.11
Expiration Date: 02/25/2030
Approval Date: 02/27/2025



MINOR RIB TAPE MASTIC AT ALL MINOR RIBS

FIXED EAVE DETAIL

SECTION

INSTALLATION NOTE:

1. Apply tri-bead tape mastic continuous over substrate.
2. Attach metal inside closure w/ 1/4-14 x 1" self-drill screw w/ washer.
3. Apply a 9" long piece of tri-bead tape mastic up and over the metal inside closure.
4. Apply a 2" long piece of tri-bead tape mastic in vertical leg of the panel seam.
5. If the panels have minor ribs, apply minor rib tape mastic between panel and eave gutter.
6. Attach panel w/ 1/4-14 x 1 1/4" WT long life self-drill screw w/ washer, (6) in the flat of the panel and one each side into the metal inside closure, (8 total).

* Wall panel thickness.

** Field cut (2) 2" long strips of tri-bead tape mastic & center under 1/4-14 x 7/8" wt long-life self-drilling screws. Between gutter strap and roof panel.

*** See isometric Trapezoid Plug Installation detail for installation instructions.

DRAFTING NOTE:

**** Inside closure provided on buildings with liner system insulation.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 24-0102.11
Expiration Date 02/25/2030
By Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:50:51 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

4
3
2
1

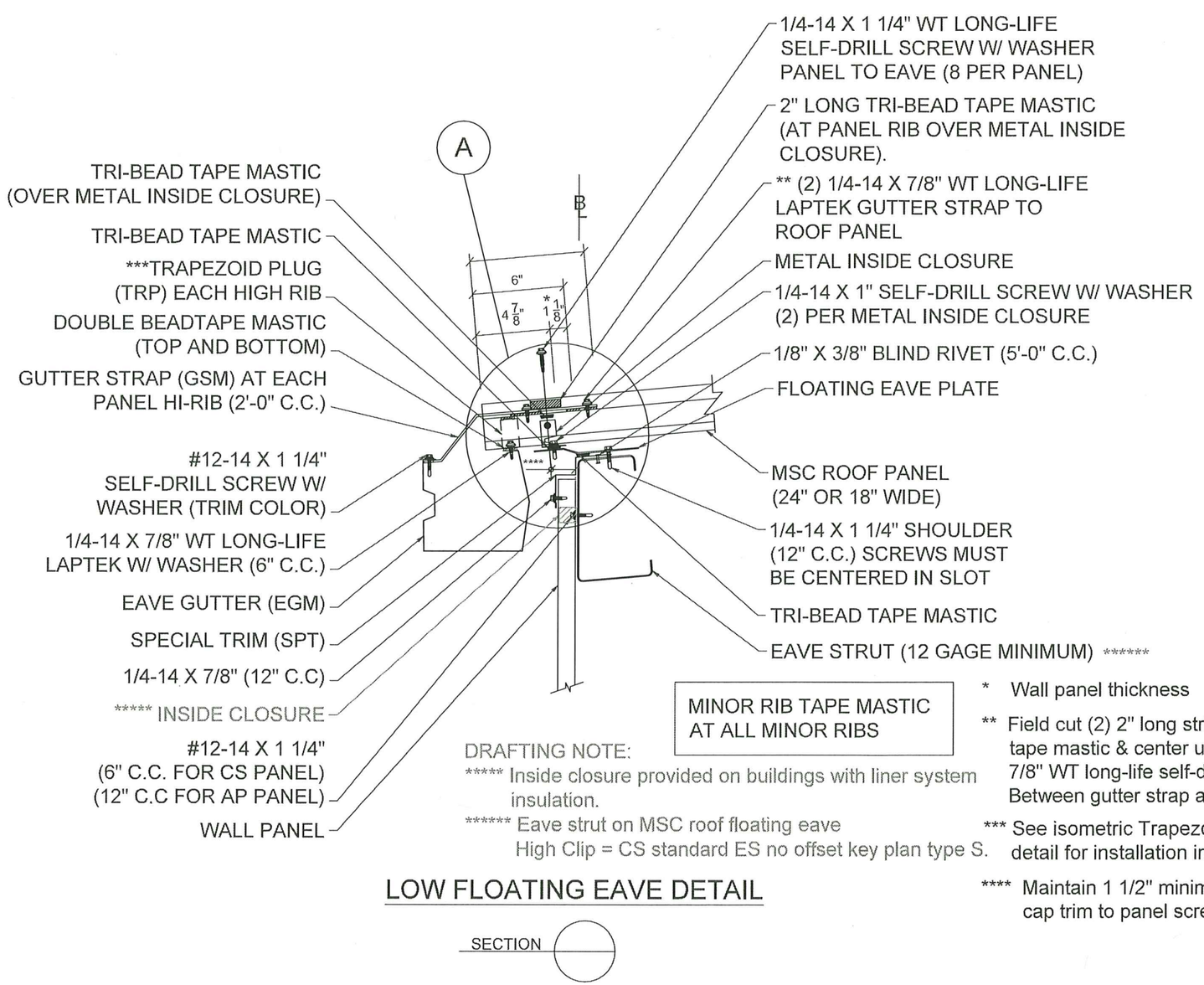
Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
PO Box 2078, Grand Island, NE 68802-2078
(308) 389-7289 cs@chiefind.com

Drawing	DRAWINGS
Buyer	----
Customer	----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	EGA
---	xxx	-----	1
---	xx/xx/xx		----



MINOR RIB TAPE MASTIC AT ALL MINOR RIBS

DRAFTING NOTE:

***** Inside closure provided on buildings with liner system insulation.

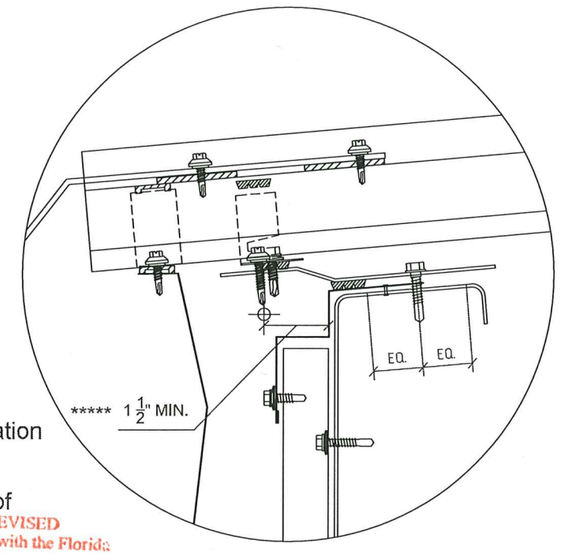
****** Eave strut on MSC roof floating eave
High Clip = CS standard ES no offset key plan type S.

LOW FLOATING EAVE DETAIL

SECTION

INSTALLATION NOTE:

1. Apply tri-bead tape mastic continuous over substrate.
2. Install floating eave plate with 1/4-14 x 1 1/4" shoulder screws (12" c.c.). Screws must be centered in slots.
3. Apply tri-bead tape mastic continuous over floating eave plate.
4. Attach metal inside closure w/ 1/4-14 x 1" self-drill screw w/ washer.
5. Apply a 9" long piece of tri-bead tape mastic up and over the metal inside closure.
6. Apply a 2" long piece of tri-bead tape mastic in vertical leg of the panel seam.
7. If the panels have minor ribs, apply minor rib tape mastic between panel and eave gutter.
8. Attach panel w/ 1/4-14 x 1 1/4" WT long life self-drill screw w/ washer, (6) in the flat of the panel and one each side into the metal inside closure, (8 total).



DETAIL A

* Wall panel thickness

** Field cut (2) 2" long strips of tri-bead tape mastic & center under 1/4-14 x 7/8" WT long-life self-drilling screws. Between gutter strap and roof panel.

*** See isometric Trapezoid Plug Installation detail for installation instructions.

**** Maintain 1 1/2" minimum from face of cap trim to panel screw

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 24-0102.11
Expiration Date 02/25/2030
By Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:58:51 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

4
3
2
1

Notwithstanding the adjacent seal, neither the Engineer named nor Chief Buildings is acting as The Engineer of Record. The Engineer named and Chief Buildings responsibility is limited to the structural performance of the pre-engineered components designed by Chief Buildings.

Chief Buildings
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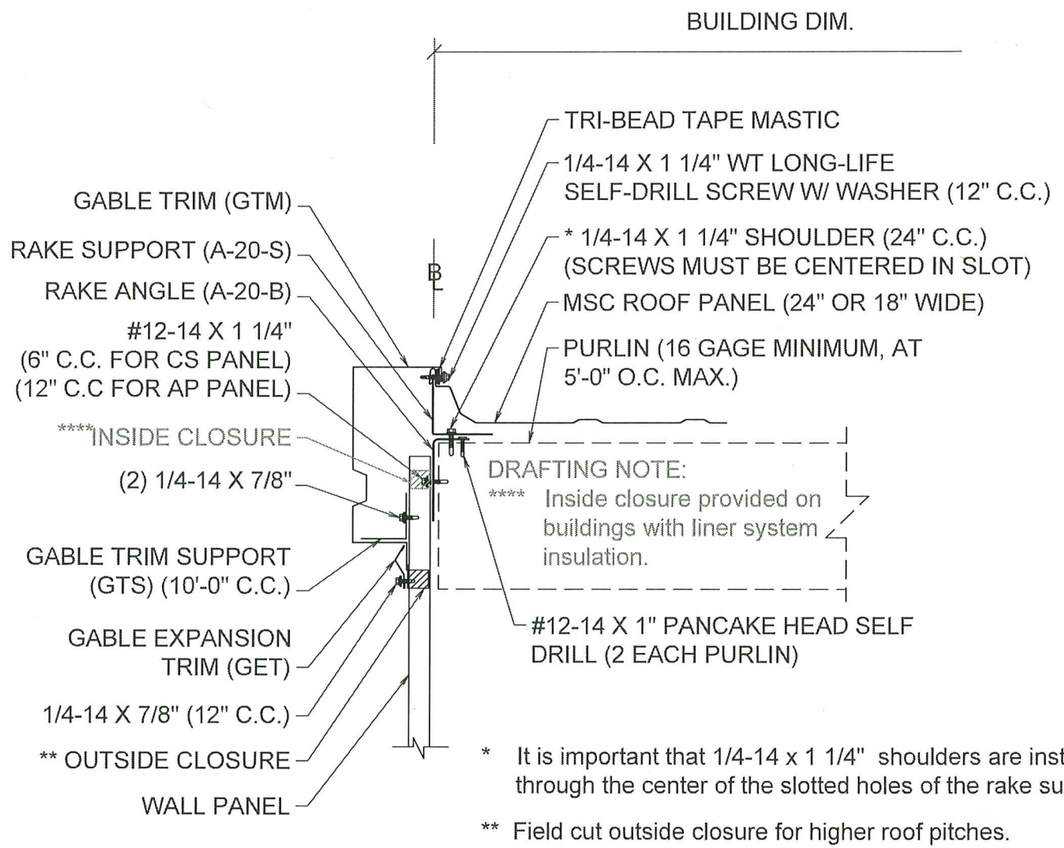
(308) 389-7289 cs@chiefind.com

Drawing	DRAWINGS
Buyer	----
Customer	---- ----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	EGA
—	xxx	----	2 ----
—	xx/xx/xx		

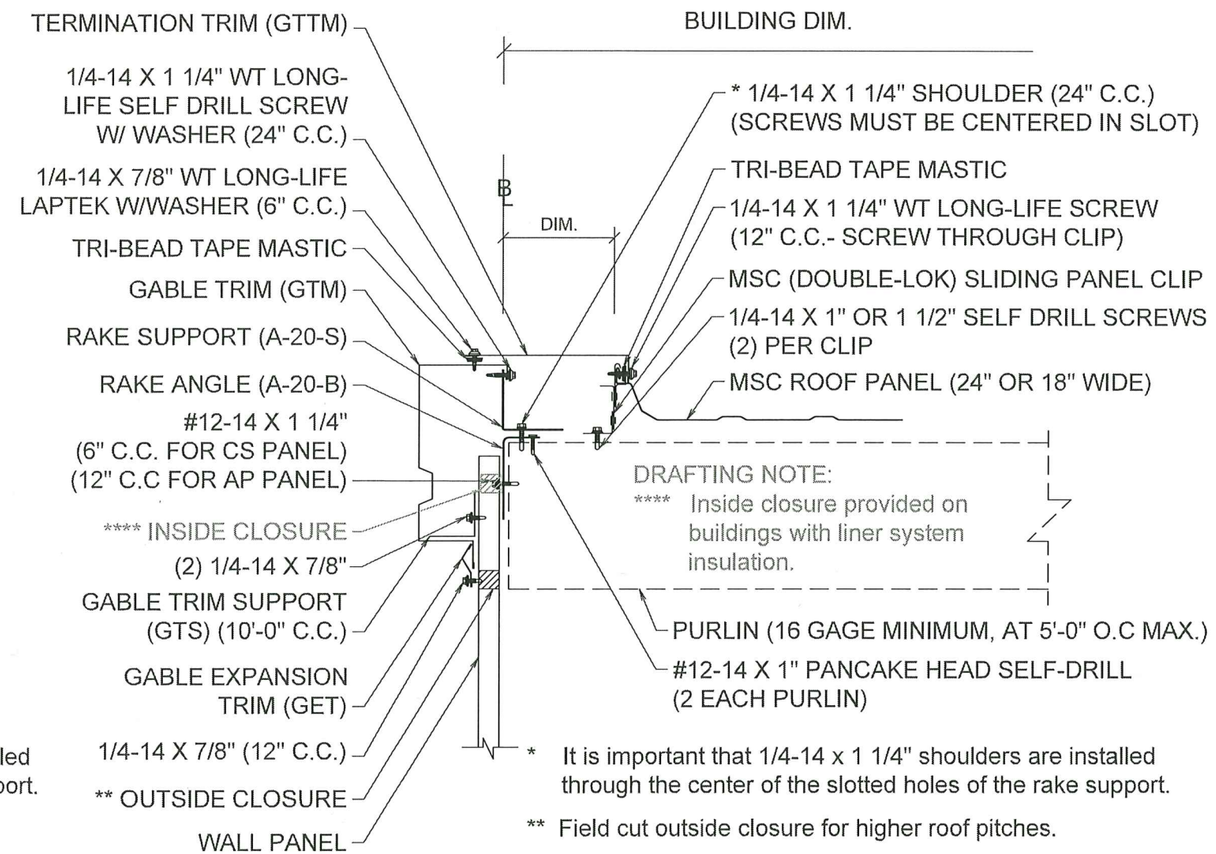


* It is important that 1/4-14 x 1 1/4" shoulders are installed through the center of the slotted holes of the rake support.

** Field cut outside closure for higher roof pitches.

MSC ROOF WITH CS OR AP WALLS AND GABLE TRIM (LEAD END)

SECTION



* It is important that 1/4-14 x 1 1/4" shoulders are installed through the center of the slotted holes of the rake support.

** Field cut outside closure for higher roof pitches.

MSC ROOF WITH CS OR AP WALLS AND GABLE TRIM (TAIL END)

SECTION

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 24-0102.11
Expiration Date 02/25/2030
By Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:49:43 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

4 —
3 —
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Chief Buildings
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Drawing	DRAWINGS
Buyer	----
Customer	----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	GT
—	xxx	-----	3 ----
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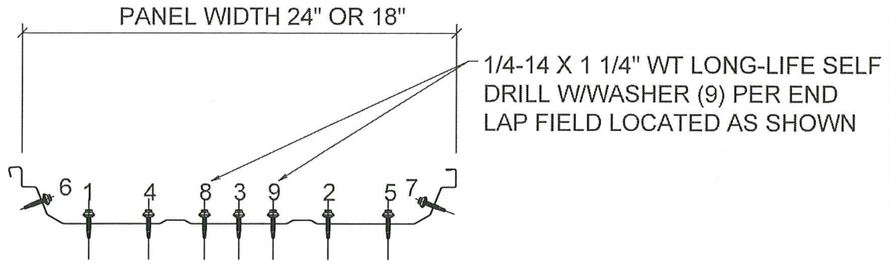
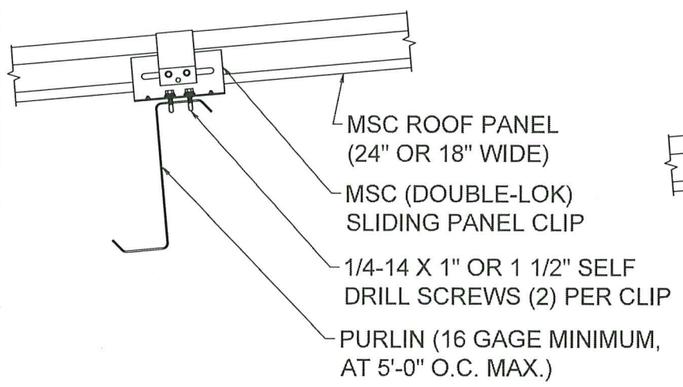
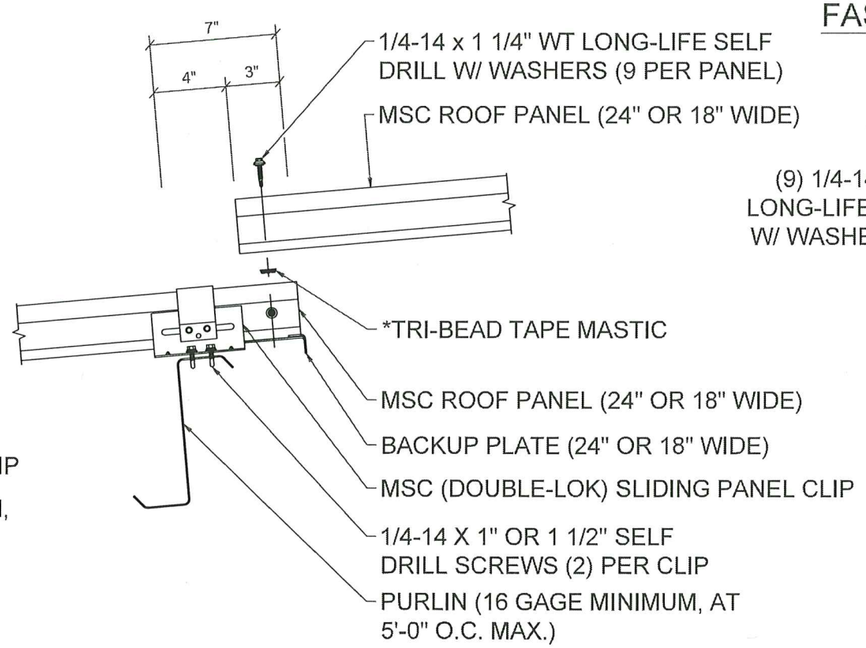
* 24" MSC - Pre-Cut Tri-Bead Tape Matic.
18" MSC - Tri-Bead Tape Mastic from roll.



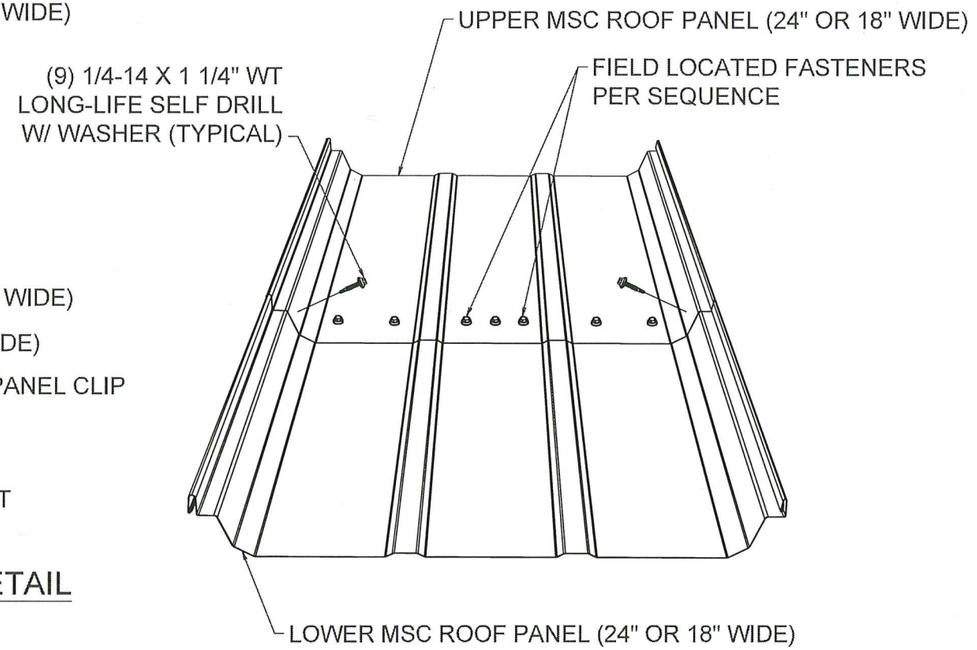
FASTENER INSTALLATION SEQUENCE AT ENDLAP



MSC ROOF PANEL TO PURLIN



MSC ROOF PANEL FLOATING ENDLAP DETAIL



MSC ROOF PANEL INTERMEDIATE PURLIN CONNECTION

PRODUCT REVISED
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Expiration Date 02/25/2030
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Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:43:30 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS
4
3
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Chief Buildings
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Drawing	DETAILS
Buyer	----
Customer	---- ----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	
---	xxx	-----	1 of 4
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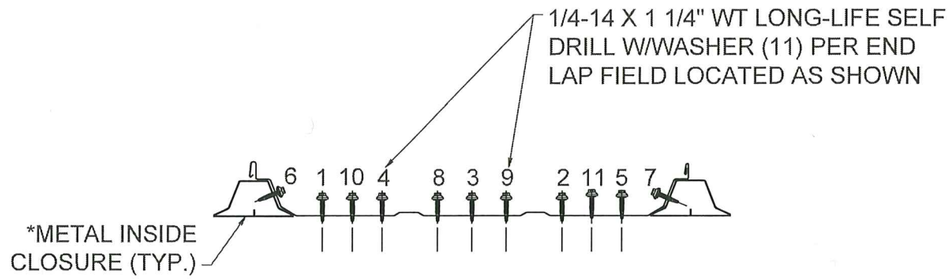
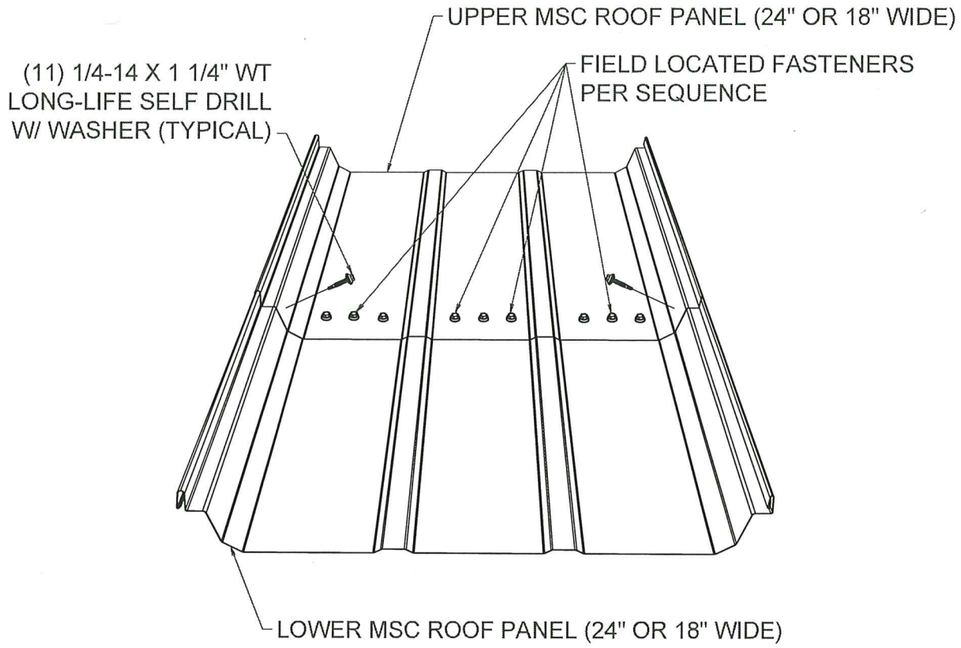
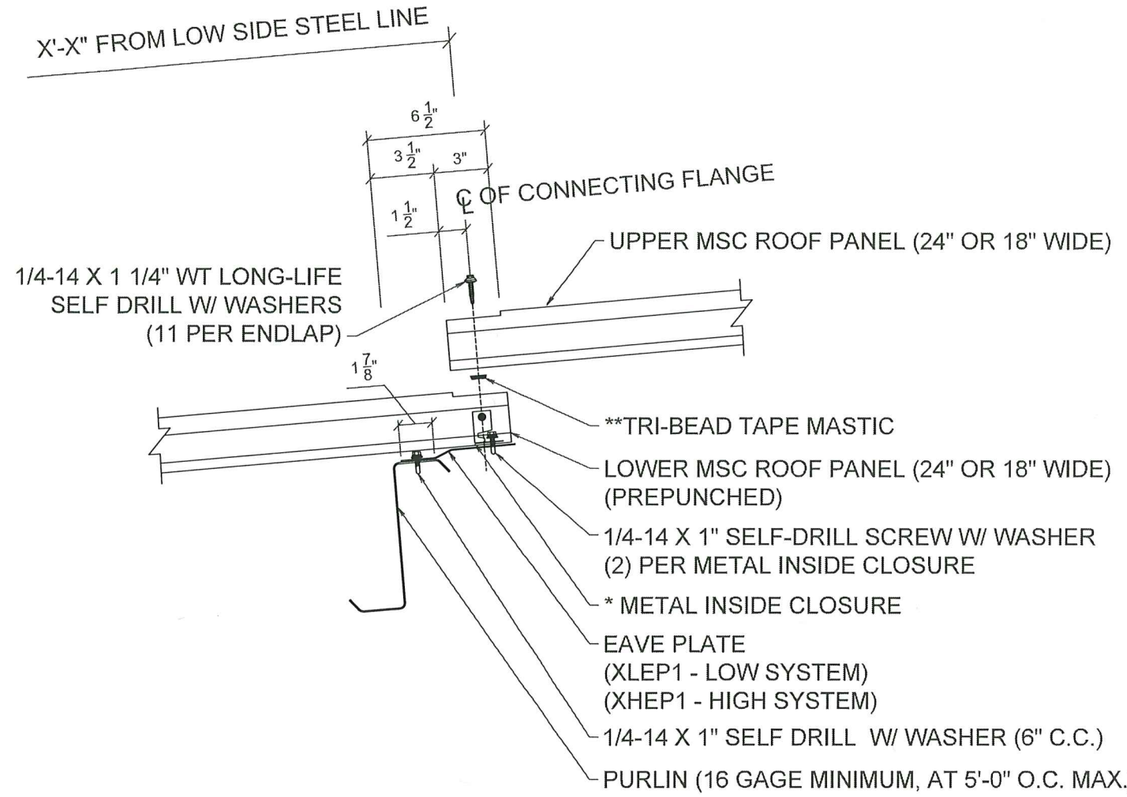


FASTENER SEQUENCE



* Locate metal inside closures 24" on center for 24" panels and 18" on center for 18" panels from the centerline of the first closure to maintain panel module and provide a panel attachment point. Metal inside closures are centered on the eave plate flange.

** 24" MSC - Pre-Cut Tri-Bead Tape Matic.
18" MSC - Tri-Bead Tape Mastic from roll.



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MSC ROOF PANEL FIXED ENDLAP DETAIL

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:59:50 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS
4
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1

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Chief Buildings
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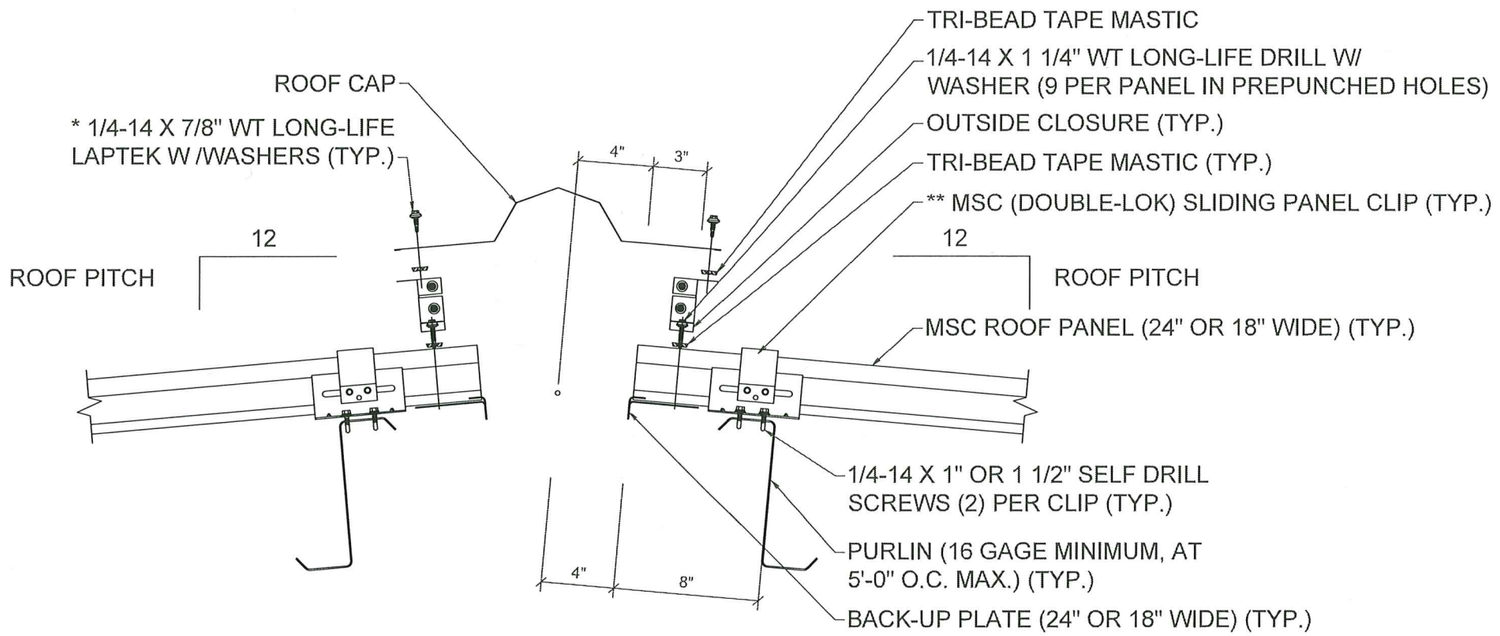
Drawing	DRAWINGS
Buyer	----
Customer	----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	mid-slope
----	xxx	-----	5
----	xx/xx/xx		----



* For screw spacing refer to Ridge detail in the MSC/STC Roof Panel Erection Manual.

** See Roof Paneling Plan for roof panel clip, panel clip fastener and thermal spacer requirements.

MSC ROOF PANEL AT RIDGE

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Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:42:56 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

4
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1

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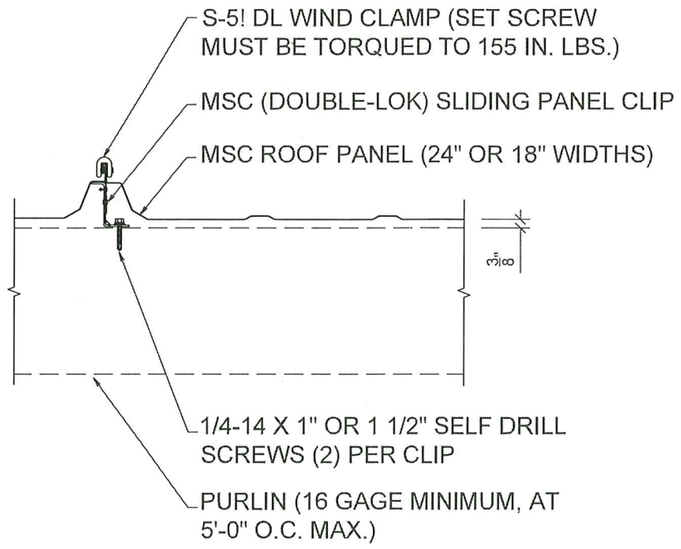
Drawing	DETAILS
Buyer	----
Customer	----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	
---	xxx	----	2 of 6
---	xx/xx/xx		

INSTALLATION NOTE:

1. ATTACH S-5! DL WINDCLAMP AT EVERY SLIDING CLIP LOCATION.



MSC ROOF PANEL PURLIN CONNECTION W/ S-5! DL WINDCLAMP

PRODUCT REVISED
as complying with the Florida
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Expiration Date 02/25/2030
By
Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:41:52 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

4 ——
3 ——
2 ——
1 ——

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Chief Buildings
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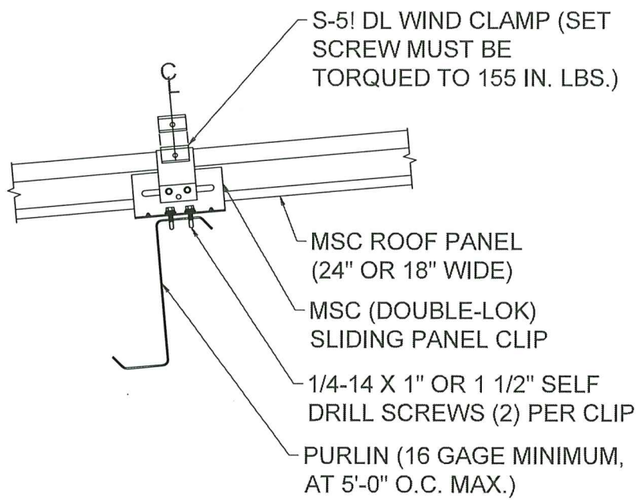
Drawing	DETAILS
Buyer	----
Customer	---- ----
Project Name	----

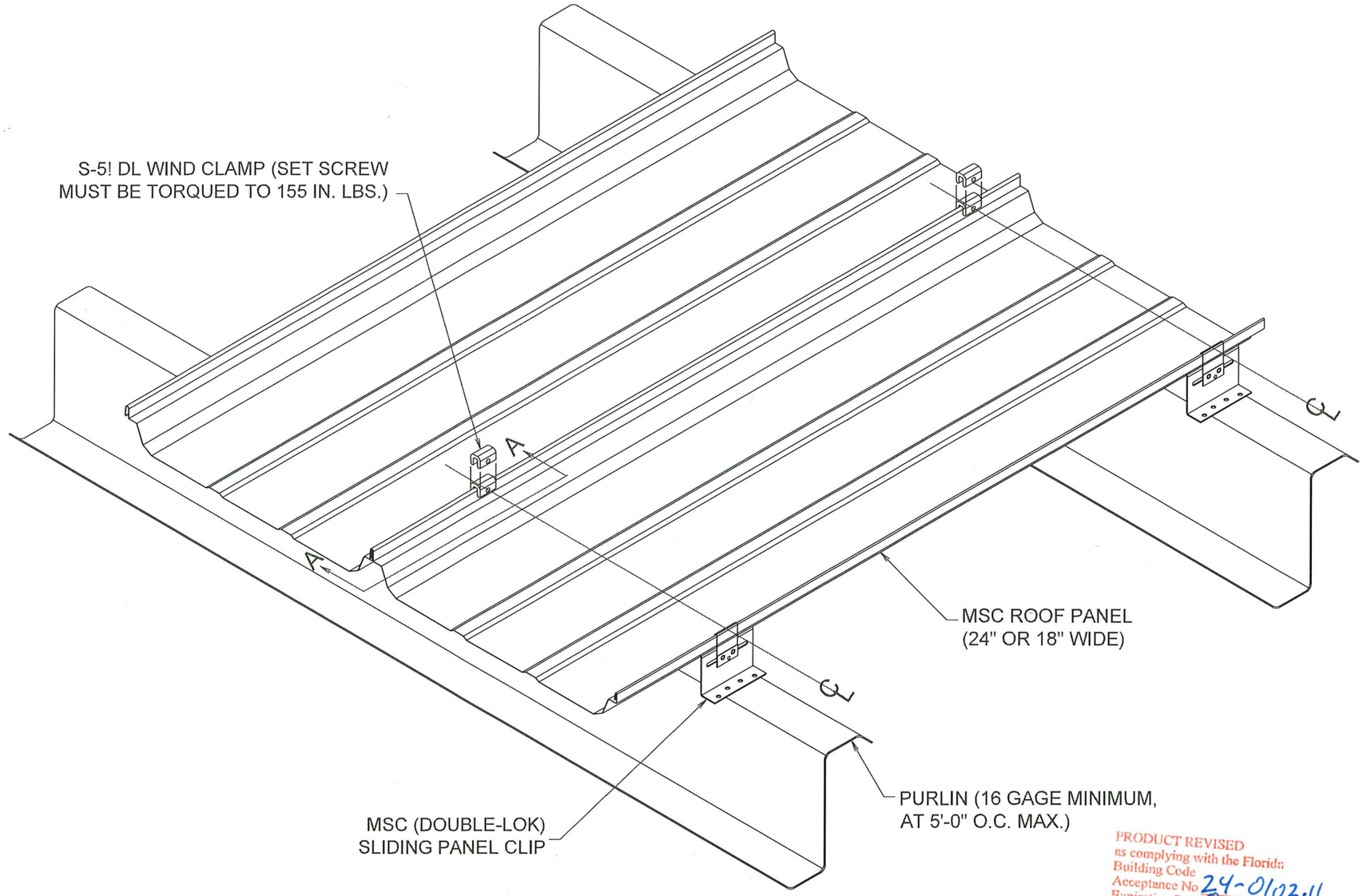
CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	3
—	xxx	-----	---- 7
—	xx/xx/xx		

ONLY FOR USE WITH MSC (DOUBLE-LOK) LOW AND HIGH SLIDING CLIPS (SET SCREW MUST BE TORQUED TO 155 IN. LBS.)



SECTION A-A



PRODUCT REVISED
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Building Code
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By
Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:40:57 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

4
3
2
1

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(308) 389-7269 cs@chiefind.com

Drawing	DETAILS
Buyer	----
Customer	---- ----
Project Name	----

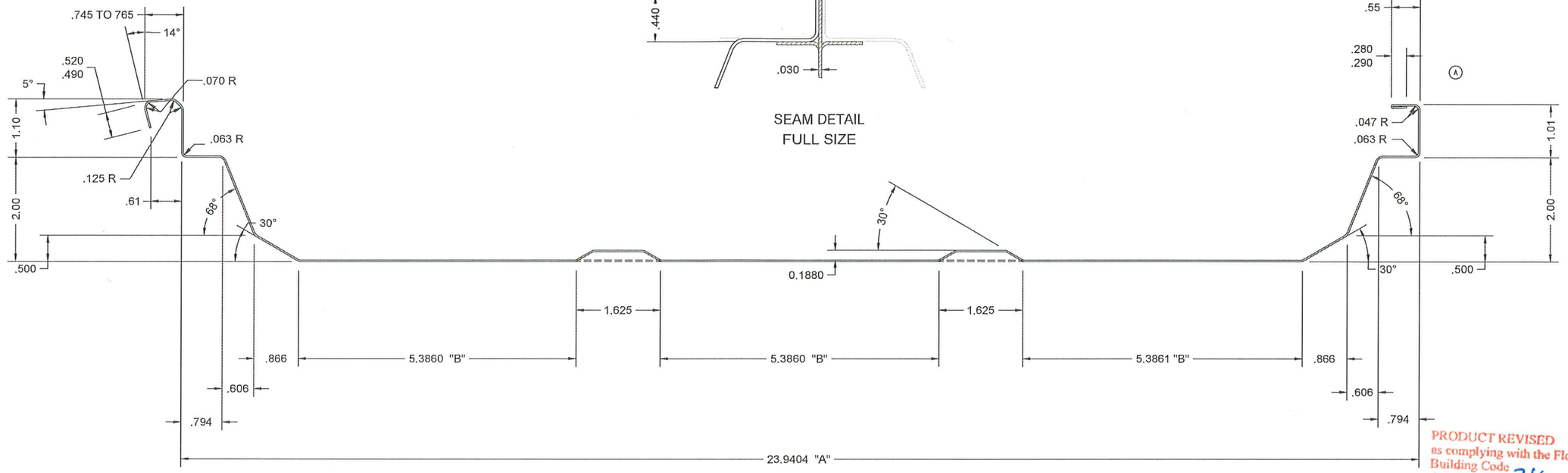
CHIEF BUILDINGS

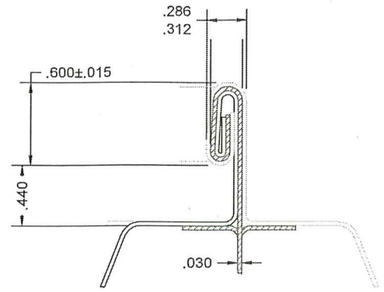
DRAWN	CHECK	ORDER NO.	4 / 8
—	xxx	-----	
—	xx/xx/xx		

COVERAGE	DIM "A"	DIM "B"	RIBS	STRIP WIDTH	ACTUAL
24"	23.94	5.386	YES	29.94*	29 15/16
18"	17.94	3.386	YES	23.94*	23 15/16

*STRIP WIDTH TOLERANCE +1/8/-0

OUTBOARD (OPERATOR) SIDE

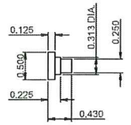




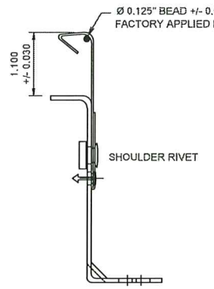
SEAM DETAIL
FULL SIZE

LOW MSC (DOUBLE-LOK) SLIDING CLIP HW2122
HIGH MSC (DOUBLE-LOK) SLIDIDNG CLIP HW2124

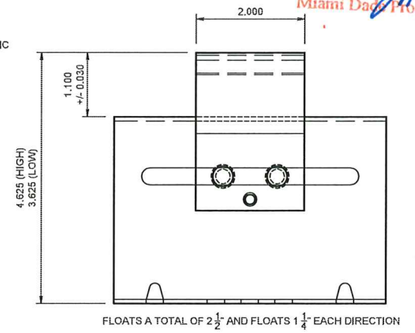
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-0102.11
Expiration Date 02/25/2030
By Hedy A. Mehr
Miami Dade Product Control



SHOULDER RIVET



SIDE VIEW



FRONT VIEW

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:40:19 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

4
3
2
1

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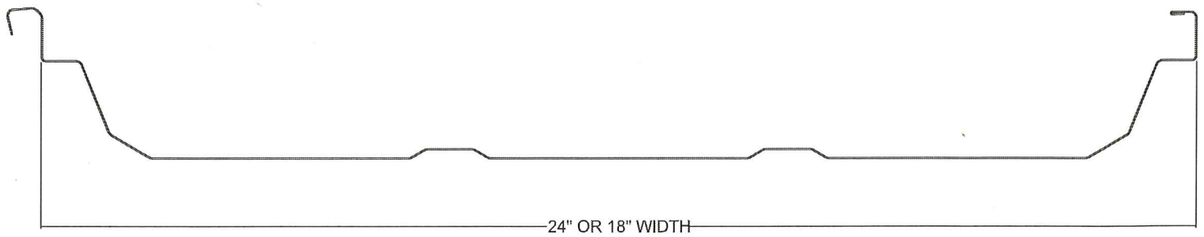
Drawing	DETAILS
Buyer	----
Customer	----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	
—	xxx	-----	5 of 9
—	xx/xx/xx		



MSC ROOF PANEL PROFILE

PANEL PROPERTIES

PANEL GAUGE	PANEL THICKNESS	YIELD STRENGTH	TENSIL STRENGTH	ELONGATION	HARDNESS	STEEL COATING	PAINT COATINGS
24	.024 MIN.	50 KSI	55-70 KSI	20-36%	50-65 HRB	AZ 55	500 KYNAR

PANEL ACCESSORIES

CONSTRUCTION FASTENERS INC. (SFS INTEC)
SPRING STREET AND VAN REED ROAD
P.O. BOX 6326, WYOMISSING PA 19610

- 1/4-14 X 7/8" WT LAP TEK W/ WASHER
- 1/4-14 X 1 1/4" WT SDS W/ WASHER
- 1/4-14 X 1" SDS W/ WASHER
- 1/4-14 X 1 1/4" SHOULDER TEK SDS
- #12-14 X 1" PANCAKE HEAD SDS

SIKA USA
SIKA CORPORATION
201 POLITO AVENUE
LYNDHURST, NJ 07071

- TRI-BEAD — TAPE MASTIC SIKALASTOMER 95 BUTYL MASTIC
- TRIPLE-BEAD — TAPE MASTIC SIKALASTOMER 95 BUTYL MASTIC
- 201 URETHANE CAULK
- 511 BUTYL CAULK

METAL BUILDING COMPONENTS, INC
1780 MC CALL DRIVE
SHELBYVILLE IN 46176

- S-5! DL WIND CLAMP
- METAL INSIDE CLOSURE

NOTES:

1. THE 24 GAUGE MSC STANDING SEAM ROOF PANELS SHALL BE USED FOR ROOF CONSTRUCTION ONLY. THE ACTUAL ROOF PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS AS SHOWN ON THESE DRAWINGS INCLUDING:
   A. DETAILS OF ALL PANEL MATERIAL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS.
   B. ASSEMBLY DETAILS INCLUDING ALL CONNECTION'S FASTENERS DIAGRAM WITH SIZE AND LOCATION.

2A. THE MAXIMUM PANEL SPAN AND THE MAXIMUM ALLOWABLE DESIGN UP-LIFT (NEGATIVE) PRESSURE OF THIS ROOF PANEL SHALL BE BASED ON THE FOLLOWING ALLOWABLES:

MSC 18" - 24 GA. PANELS

MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS = 71.20 FT-LBS/FT
MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS = 56.96 FT-LBS/FT
MAXIMUM PANEL REACTION AT SUPPORTS = 156.64 LBS
MAXIMUM ALLOWABLE DEFLECTION OF PANEL = L/240
PANEL'S EI VALUE = 838,931.84 LB-IN ^2
THIS ROOF PANEL APPROVED FOR A MAXIMUM SPAN OF 5'-0"

2B. THE MAXIMUM PANEL SPAN AND THE MAXIMUM ALLOWABLE DESIGN UP-LIFT (NEGATIVE) PRESSURE OF THIS ROOF PANEL SHALL BE BASED ON THE FOLLOWING ALLOWABLES:

MSC 24" - 24 GA. PANELS

MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL AT SUPPORTS = 53.33 FT-LBS/FT
MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL BETWEEN SUPPORTS = 42.66 FT-LBS/FT
MAXIMUM PANEL REACTION AT SUPPORTS = 117.32 LBS
MAXIMUM ALLOWABLE DEFLECTION OF PANEL = L/240
PANEL'S EI VALUE = 635,804.64 LB-IN ^2
THIS ROOF PANEL APPROVED FOR A MAXIMUM SPAN OF 5'-0"

3. ALL PANEL SUBMEMBERS SHALL BE STEEL WITH 16 GA. MINIMUM THICKNESS.

4. THIS STRUCTURAL ROOF PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE (FBC) FOR USE WITH 8TH EDITION (2023) FBC ASCE 7-22 AS APPLICABLE DESIGN PRESSURES AS DETERMINED FROM SECTION 1609 AND ASCE 7-22 MUST BE MULTIPLIED BY 0.60.

PRODUCT REVISED
as complying with the Florida
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Expiration Date 02/25/2030
By
Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:39:20 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS
4
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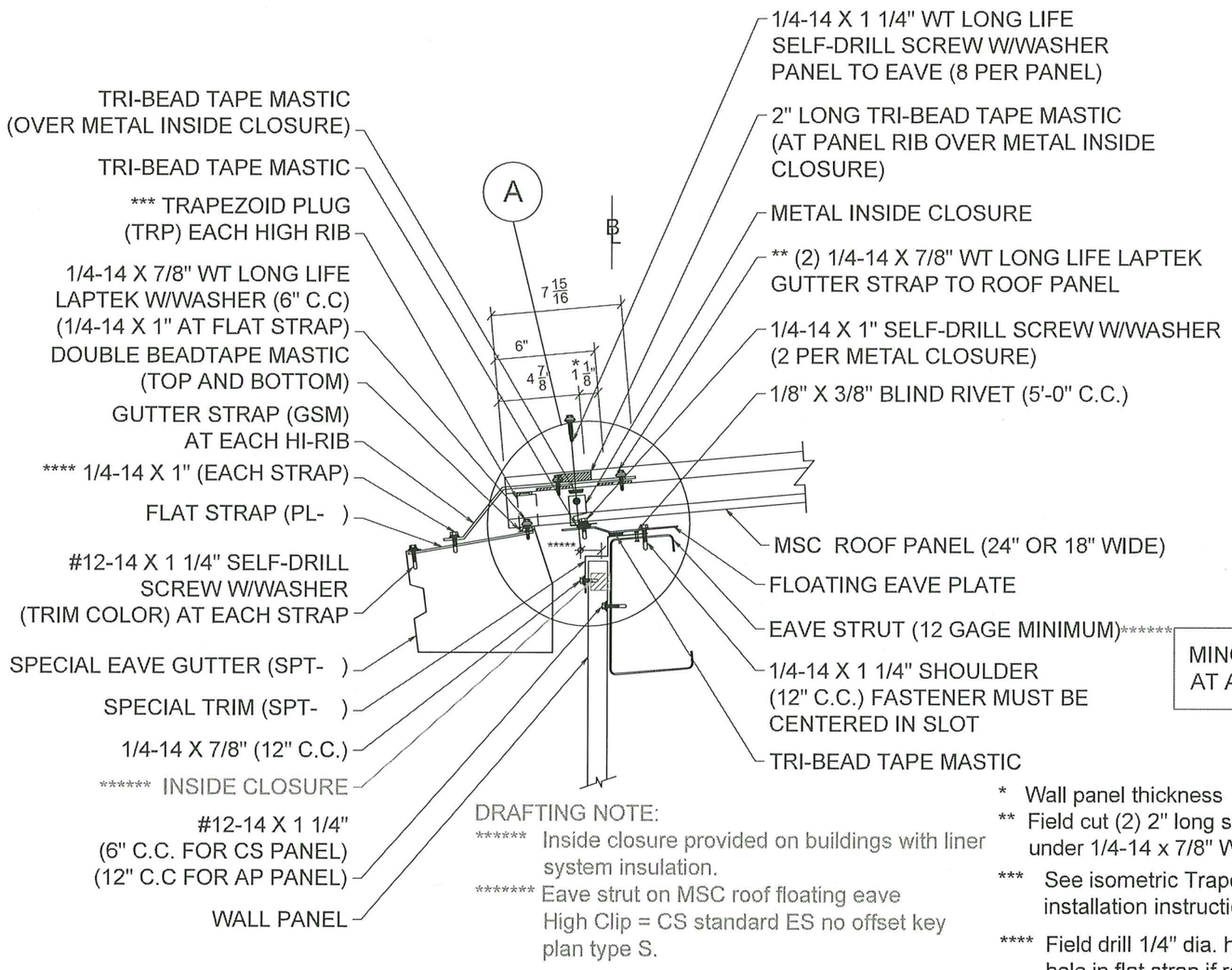
Drawing	DETAILS
Buyer	----
Customer	----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	6 / 10
—	xxx	-----	
—	xx/xx/xx		



DRAFTING NOTE:

****** Inside closure provided on buildings with liner system insulation.

******* Eave strut on MSC roof floating eave High Clip = CS standard ES no offset key plan type S.

LOW FLOATING EAVE DETAIL

SECTION

INSTALLATION NOTE:

1. Apply tri-bead tape mastic continuous over substrate.
2. Install floating eave plate with 1/4-14 x 1 1/4" shoulder screws (12" c.c.). Screws must be centered in slots.
3. Apply tri-bead tape mastic continuous over floating eave plate.
4. Attach metal inside closure w/ 1/4-14 x 1" self-drill screw w/ washer.
5. Apply a 9" long piece of tri-bead tape mastic up and over the metal inside closure.
6. Apply a 2" long piece of tri-bead tape mastic in vertical leg of the panel seam.
7. If the panels have minor ribs, apply minor rib tape mastic between panel and eave gutter.
8. Attach panel w/ 1/4-14 x 1 1/4" WT long life self-drill screw w/ washer, (6) in the flat of the panel and one each side into the metal inside closure, (8 total).

MINOR RIB TAPE MASTIC AT ALL MINOR RIBS

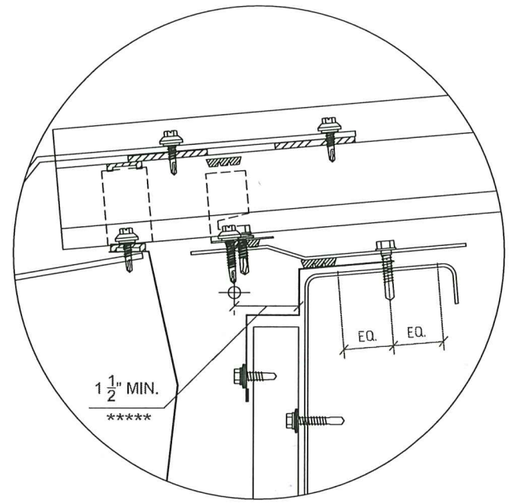
* Wall panel thickness

** Field cut (2) 2" long strips of tri-bead tape mastic & center under 1/4-14 x 7/8" WT between gutter strap and roof panel.

*** See isometric Trapezoid Plug Installation detail for installation instructions.

**** Field drill 1/4" dia. hole in gutter strap, field drill 1/8" dia. pilot hole in flat strap if required.

***** Maintain 1 1/2" minimum from face of cap trim to panel screw.



DETAIL A

PRODUCT REVISED
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Expiration Date 02/25/2030
By Miami Dade Product Control

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:59:20 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

4
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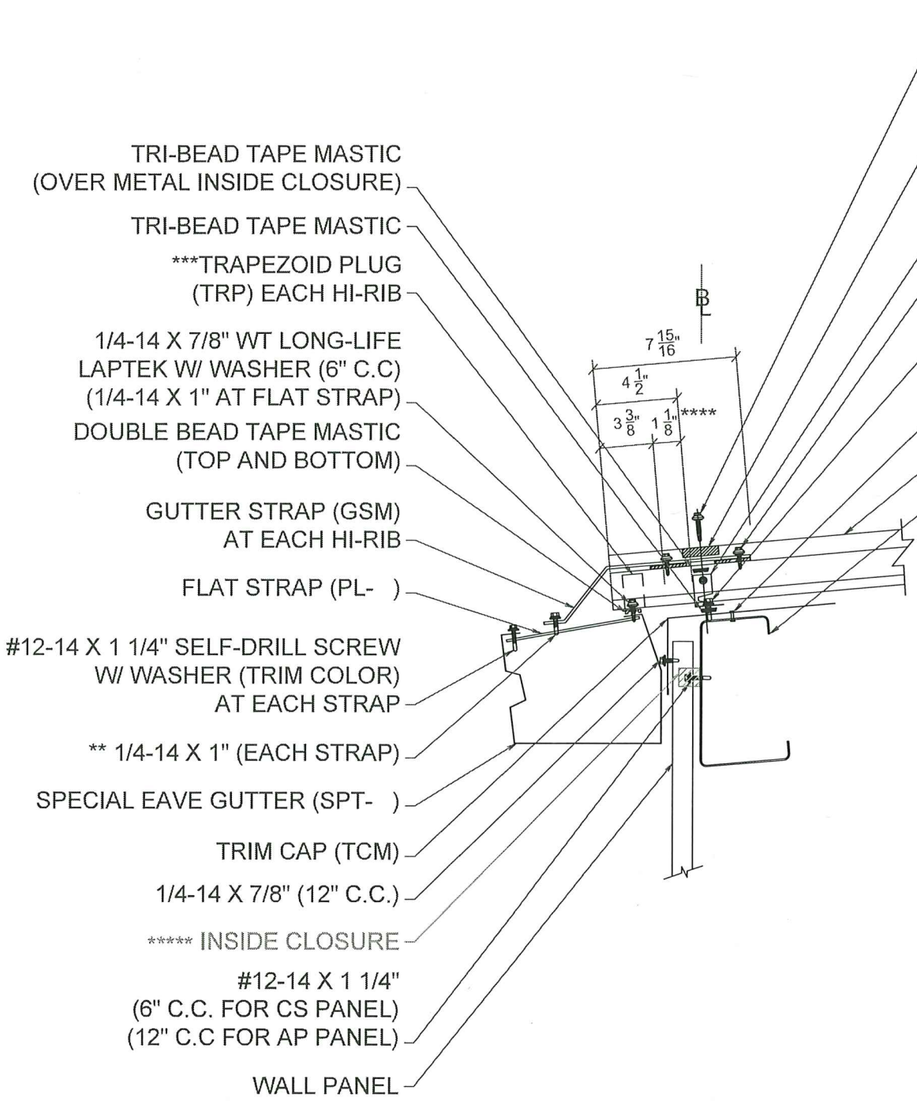
Drawing	DRAWINGS
Buyer	----
Customer	---- ----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	OEGA
—	xxx	-----	11
—	xx/xx/xx		----



MINOR RIB TAPE MASTIC AT ALL MINOR RIBS

* Field cut (2) 2" long strips of tri-bead tape mastic & center under 1/4-14 x 7/8" wt's between gutter strap and roof panel.

** Field drill 1/4" dia. hole in gutter strap, field drill 1/8" dia. pilot hole in flat strap if required.

*** See isometric Trapezoid Plug Installation detail for installation instructions.

**** Wall panel thickness

DRAFTING NOTE:

***** Inside closure provided on buildings with liner system insulation.

INSTALLATION NOTE:

1. Apply tri-bead tape mastic continuous over substrate.
2. Attach metal inside closure w/ 1/4-14 x 1" self-drill screw w/ washer.
3. Apply a 9" long piece of tri-bead tape mastic up and over the metal inside closure.
4. Apply a 2" long piece of tri-bead tape mastic in vertical leg of the panel seam.
5. If the panels have minor ribs, apply minor rib tape mastic between panel and eave gutter.
6. Attach panel w/ 1/4-14 x 1 1/4" WT long life self-drill screw w/ washer, (6) in the flat of the panel and one each side into the metal inside closure, (8 total).

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FIXED EAVE DETAIL

SECTION

DENNIS LEE JOHNSON LICENSE No 54340 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dennis L Johnson Date: 2024.01.02 03:48:37 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

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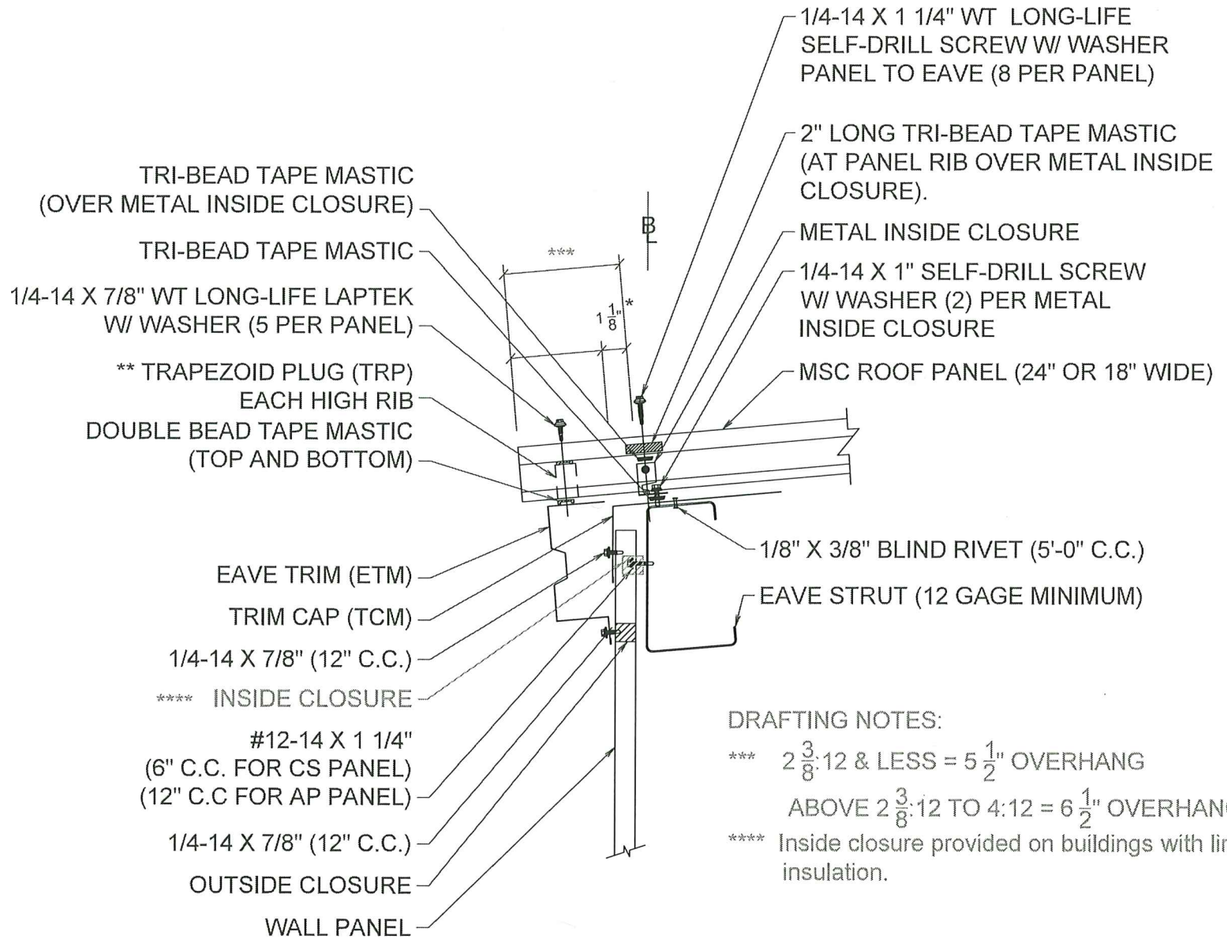
Drawing	DRAWINGS
Buyer	----
Customer	---- ----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	OEGA
---	xxx	-----	12 ----
---	xx/xx/xx		



MINOR RIB TAPE MASTIC AT ALL MINOR RIBS

* Wall panel thickness

** See isometric Trapezoid Plug Installation detail for installation instructions.

DRAFTING NOTES:

*** $2\frac{3}{8}$:12 & LESS = $5\frac{1}{2}$" OVERHANG

ABOVE $2\frac{3}{8}$:12 TO 4:12 = $6\frac{1}{2}$" OVERHANG

**** Inside closure provided on buildings with liner system insulation.

FIXED EAVE DETAIL

SECTION

INSTALLATION NOTE:

1. Apply tri-bead tape mastic continuous over substrate.
2. Attach metal inside closure w/ 1/4-14 x 1" self-drill screw w/ washer.
3. Apply a 9" long piece of tri-bead tape mastic up and over the metal inside closure.
4. Apply a 2" long piece of tri-bead tape mastic in vertical leg of the panel seam.
5. If the panels have minor ribs, apply minor rib tape mastic between panel and eave gutter.
6. Attach panel w/ 1/4-14 x 1 1/4" WT long life self-drill screw w/ washer, (6) in the flat of the panel and one each side into the metal inside closure, (8 total).

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Dennis L Johnson Date: 2024.01.02 03:49:08 -06'00'

RELEASED	09-07-23
SUPERSEDES	09-23-19

REVISIONS

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Drawing	DRAWINGS
Buyer	----
Customer	---- ----
Project Name	----

CHIEF BUILDINGS

DRAWN	CHECK	ORDER NO.	ET
—	xxx	-----	13
—	xx/xx/xx		