NEMO|etc.
Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

ENGINEER **TEST** **CONSULT**

P.E. EVALUATION REPORT (PEER)

Amrize Building Envelope LLC (Elevate)
26 Century Blvd
Nashville, TN 37214
(317) 572-4100

PEER-HSP-013.A.R12
FL13629-R9 (NON-HVHZ)
Date of Issuance: 05/13/2008
Revision 12: 08/13/2025

SCOPE:
This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for compliance with the **8th Edition (2023) Florida Building Code** sections noted herein.

DESCRIPTION: Elevate UNA-CLAD™ Non-Structural Metal Roof Systems for use in FBC non-HVHZ jurisdictions

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance, or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.

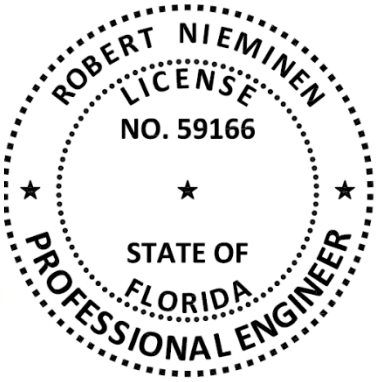
INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 6, plus a 20-page Appendix.

Prepared by:

Digitally signed by Robert Nieminen
Date: 2025.08.17 '14:59:16 -04'00

This item has been digitally signed and sealed by Robert Nieminen, P.E.
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.
Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:
1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated, or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

ROOFING SYSTEMS EVALUATION:

1. SCOPE:

Product Category: Roofing
Sub-Category: Non-Structural Metal Roofing
Product Approval Method: Method 1, Option D: Codified Material, Evaluation by Engineer

Compliance Statement: **UNA-CLAD™ Non-Structural Metal Roof Systems**, as produced by **Amrize Building Envelope LLC (Elevate)**, have demonstrated compliance with the following sections of the **8th Edition (2023) Florida Building Code** through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations of Use set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD
1504.3.1	Wind resistance	UL 1897
1504.3.2	Wind resistance	UL 580
1504.3.2	Wind resistance	TAS 125

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
ATI (TST1527)	TAS 125	C7247.01-450-18	05/22/2013
ATI (TST1527)	TAS 125	C7712.01-450-18	09/11/2013
HTL (TST1527)	TAS 125	0182-0102-00	02/01/2000
HTL (TST1527)	TAS 125	0227-0603-00	06/01/2000
HTL (TST1527)	TAS 125	0227-0518-04	10/24/2000
HTL (TST1527)	TAS 125	0227-0706-04	10/24/2000
HTL (TST1527)	TAS 125	0182-0818-01	09/01/2001
HTL (TST1527)	TAS 125	0227-0116-04	03/31/2004
HTL (TST1527)	TAS 125	0227-0226-04	06/29/2004
HTL (TST1527)	TAS 125	0277-0613-04	06/30/2004
HTL (TST1527)	TAS 125	0227-1115-04	11/22/2004
HTL (TST1527)	TAS 125	0227-0517-04	01/14/2005
HTL (TST1527)	TAS 125	0227-0903-04	01/14/2005
HTL (TST1527)	TAS 125	0227-1026-04	01/14/2005
HTL (TST1527)	TAS 125	0155-1115-04	02/25/2005
HTL (TST1527)	TAS 125	0227-0302-05	03/15/2005
HTL (TST1527)	TAS 125	0277-0509-05	06/17/2005
HTL (TST1527)	TAS 125	0277-0608-05	07/05/2005
HTL (TST1527)	TAS 125	0277-0620-05	08/08/2005
HTL (TST1527)	TAS 125	0227-0823-05	11/11/2005
HTL (TST1527)	TAS 125	0227-1207-05	04/20/2006
PRI (TST5878)	UL 580 / TAS 125	FBP-219-02-01	01/28/2015
PRI (TST5878)	UL 580 / TAS 125	FBP-226-02-01	03/19/2015
PRI (TST5878)	UL 580 / TAS 125	FBP-229-02-01	03/20/2015
PRI (TST5878)	UL 580 / TAS 125	FBP-232-02-01	04/02/2015
PRI (TST5878)	UL 580 / TAS 125	FBP-238-02-02	05/27/2015
PRI (TST5878)	UL 580 / TAS 125	FBP-238-02-04	07/15/2015
PRI (TST5878)	UL 580 / TAS 125	FBP-258-02-01	08/24/2015
PRI (TST5878)	UL 580 / TAS 125	FBP-260-02-03	11/19/2015
PRI (TST5878)	UL 580 / TAS 125	FBP-299-02-01	08/04/2016
PRI (TST5878)	UL 580 / TAS 125	FBP-292-02-01	08/10/2016
PRI (TST5878)	UL 580 / TAS 125	FBP-292-02-03	09/30/2016
PRI (TST5878)	UL 580 / TAS 125	FBP-321-02-02	01/06/2017
UL (CER9626)	UL 580	TGKX.376 (UC-4)	09/02/2010
UL (CER9626)	UL 580	TGKX.399 (UC-4)	09/02/2010
UL (CER9626)	UL 580	TGKX.629 (5-V-CRIMP)	09/03/2010
UL (CER9626)	UL 580	TGKX.624 (UC-3)	09/03/2010
UL (CER9626)	UL 580	TGKX.623 (UC-3)	10/25/2011
UL (CER9626)	UL 580	TGKX.657 (UC-4)	10/25/2011
UL (CER9626)	UL 580	TGKX.660 (UC-7)	10/25/2011

Entity	Examination	Reference	Date
UL (CER9626)	UL 580	TGKX.377 (UC-4)	11/28/2011
UL (CER9626)	UL 580	TGKX.622 (UC-3)	12/01/2011
UL (CER9626)	UL 580	TGKX.653 (UC-6, UC-6 HD)	08/28/2014
UL (CER9626)	UL 580	TGKX.652 (UC-6, UC-6 HD)	08/28/2014
UL (CER9626)	UL 580	TGKX.664 (UC-14)	08/28/2014
UL (CER9626)	UL 580	TGKX.655 (UC-6, UC-6 HD)	08/28/2014
UL (CER9626)	UL 580	TGKX.513/513A (UC-4)	01/03/2017
UL (CER9626)	UL 580	TGKX.544 (UC-14)	04/02/2019
UL (CER9626)	UL 580	TGKX.512/512A (UC-3)	12/10/2019
UL (CER9626)	UL 580	TGKX.656 (UC-3)	12/10/2019
UL (CER9626)	UL 580	TGKX.658 (UC-3)	12/10/2019
UL (CER9626)	UL 580	TGKX.663 (UC-3)	12/10/2019
UL (CER9626)	UL 580	TGKX.342 (UC-14)	01/27/2020
UL (CER9626)	UL 580	TGKX.436 (UC-14)	01/27/2020
UL (CER9626)	UL 580	TGKX.448 (UC-14)	01/27/2020
UL (CER9626)	UL1897	TGIK.R14751	07/16/2020
UL (CER9626)	UL 580	TGKX.486 (UC-14)	10/27/2020
UL (CER9626)	UL 580	TGKX.414 (UC-14)	01/04/2021
UL (CER9626)	UL 580	TGKX.303 (UC-14)	07/20/2022
UL (CER9626)	UL 580	TGKX.343 (UC-14)	07/20/2022
UL (CER9626)	UL 580	TGKX.508/508A (UC-14)	07/20/2022
UL (TST9628)	UL 580 / TAS 125	07NK19743	08/06/2008
UL (TST9628)	UL 580 / TAS 125	08NK19743	01/20/2009
UL (QUA9625)	Quality Control	Service Confirmation	10/21/2022
UL (QUA9625)	Quality Control	Florida BCIS	Current

4. Product Description:

The following **Elevate UNA-CLAD™** non-structural metal roof panels are mechanically attached to Approved substrate, as outlined in the Limitations of Use herein.

Table 1: Evaluated Elevate UNA-CLAD™ Panels

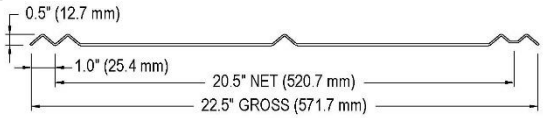
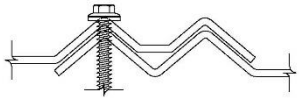
Panel	Description	Evaluated Material			
		Aluminum	Steel	Copper	Zinc
	Roll formed, through-fastened metal roof panel	N/A	**Material:** Kynar™ coated G-90 Galvanized Steel **Thickness:** min. 26 ga. (0.019-inch) **Minimum Yield:** 33-45 KSI	N/A	N/A
UNA-CLAD™ 5V-CRIMP	 				

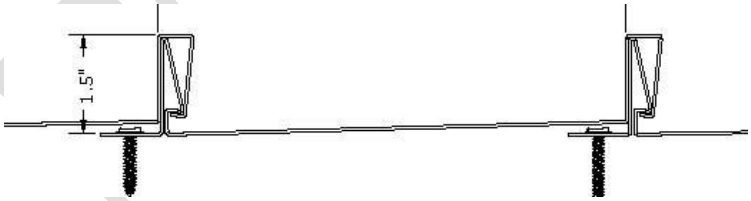
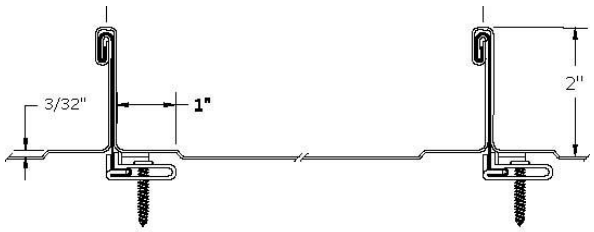
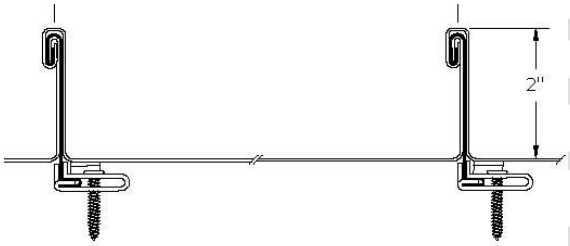
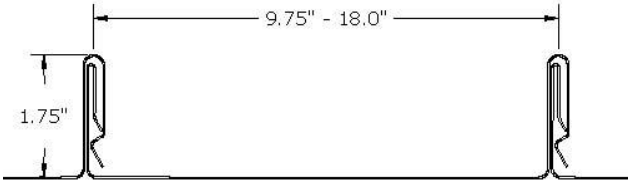
TABLE 1: EVALUATED UNA-CLAD™ PANELS					
PANEL	**DESCRIPTION**	**EVALUATED MATERIAL**			
		ALUMINUM	**STEEL**	**COPPER**	**ZINC**
UNA-CLAD™ UC-3	Factory formed double-lock, architectural standing seam metal roof panel that provides a traditional look and utilizes mechanical seaming. An optional thermally-applied pre-assembly in-seam sealant is available	**Material:** Anodized or Unfinished Aluminum **Thickness:** min. 0.040-inch **Minimum Yield:** 21 KSI	**Material:** Kynar™ coated G-90 Galvanized Steel **Thickness:** min. 24 ga. (0.025-inch) **Minimum Yield:** 33-45 KSI	**Material:** AGSC Natural or PatriotGreen™/Freedo mGray™ Finished Copper **Thickness:** 16 oz. (0.022-inch) **Alloy:** Min. 99.9% Cu (Ag counting as Cu); cold rolled from 122 alloy ingots	**Material:** RHEINZINK® Shiny, Preweathered Blue-Gray or Graphite Gray Zink **Thickness:** min. 0.028-inch **Alloy:** Zinc Titanium Copper Alloy
					
UNA-CLAD™ UC-4	Self-locking, architectural standing seam metal roof panel that does not utilize clips. The 1½-inch high panel seams snap together. No mechanical seaming tools or clips required. An optional thermally-applied pre-assembly in-seam sealant is available.	**Material:** Anodized or Unfinished Aluminum **Thickness:** min. 0.032-inch **Minimum Yield:** 21 KSI	**Material:** Kynar™ coated G-90 Galvanized Steel **Thickness:** min. 26 ga. (0.019-inch) **Minimum Yield:** 33-45 KSI	**Material:** AGSC Natural or PatriotGreen™/Freedo mGray™ Finished Copper **Thickness:** 16 oz. (0.022-inch) **Alloy:** Min. 99.9% Cu (Ag counting as Cu); cold rolled from 122 alloy ingots	N/A
					
UNA-CLAD™ UC-6	Factory formed, double-lock, architectural standing seam metal roof panels with concealed clips.	**Material:** Anodized or Unfinished Aluminum **Thickness:** min. 0.032-inch **Minimum Yield:** 21 KSI	**Material:** Kynar™ coated G-90 Galvanized Steel **Thickness:** min. 24 ga. (0.025-inch) **Minimum Yield:** 33-45 KSI	N/A	N/A
					

TABLE 1: EVALUATED UNA-CLAD™ PANELS					
PANEL	**DESCRIPTION**	**EVALUATED MATERIAL**			
		ALUMINUM	**STEEL**	**COPPER**	**ZINC**
UNA-CLAD™ UC-6 HD	Factory formed, double-lock, architectural standing seam metal roof panel with concealed clips.	**Material:** Anodized or Unfinished Aluminum **Thickness:** min. 0.032-inch **Minimum Yield:** 21 KSI	**Material:** Kynar™ coated G-90 Galvanized Steel **Thickness:** min. 24 ga. (0.025-inch) **Minimum Yield:** 33-45 KSI	N/A	N/A
					
UNA-CLAD™ UC-7	Factory formed, snap-on batten, standing seam metal.	N/A	**Material:** Kynar™ coated G-90 Galvanized Steel **Thickness:** min. 24 ga. (0.025-inch) **Minimum Yield:** 33-45 KSI	N/A	N/A
					
UNA-CLAD™ UC-14	Factory formed continuous interlocking, concealed clip, architectural standing seam metal roof panel.	**Material:** Anodized or Unfinished Aluminum **Thickness:** min. 0.032-inch **Minimum Yield:** 21 KSI	**Material:** Kynar™ coated G-90 Galvanized Steel **Thickness:** min. 24 ga. (0.025-inch) **Minimum Yield:** 33-45 KSI	N/A	N/A
					

5. LIMITATIONS:

5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.

5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).

5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.

5.4 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** or **R902** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.

5.5 This PEER does not include evaluation of roof edge termination.

5.6 Refer to **FBC 1511** or **R908** for requirements and limitations regarding recover installations.

5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with **ANSI/SPRI FX-1** or **Testing Application Standard TAS 105**.

5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.

5.7.1 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per **FBC 1504.9** has already been applied). Refer to **FBC 1609** for determination of design wind loads.

5.7.2 The maximum clip and/or fastener spacing and associated maximum design pressure for the selected assembly shall meet or exceed those determined in accordance with **FBC 1609** for all pressure zones. Interpolation between clip-spacing by a qualified design professional is permitted. The maximum listed clip and/or fastener spacing shall not be exceeded.

5.8 Minimum slope shall not be less than that set forth in **FBC 1507.4.2** and **Amrize Building Envelope LLC (Elevate)**minimum requirements.

5.9 Coil metal used to produce the panels shall comply with **FBC 1507.4.3** and **R905.10.3**.

5.10 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C.** Rule 61G20-3. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on Page 1 of this PEER.

6. INSTALLATION:

UNA-CLAD™ Non-Structural Metal Roofing Systems shall be installed in accordance with **Amrize Building Envelope LLC (Elevate)** published installation instructions, subject to the Limitations of Use set forth herein.

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

8. MANUFACTURING PLANTS:

Anoka, MN

9. QUALITY ASSURANCE ENTITY:

UL LLC – QUA9625: (360) 817-5512; bsai.inspections@ul.com

- THE 20-PAGES THAT FOLLOW FORM PART OF THIS PEER -

APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE

TABLE	DECK	APPLICATION	DESCRIPTION	PAGE
1A	Wood	New or Reroof (Tear-Off)	5V-Crimp	6
1B	Wood	New or Reroof (Tear-Off)	Standing Seam	7
2	Steel	New or Reroof (Tear-Off)	Standing Seam	14
3	Cementitious wood fiber	Reroof (Tear-Off)	Standing Seam	20

The following notes apply to the systems outlined herein:

1. This Evaluation Report pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
2. This Evaluation Report does not include evaluation of fire classification. Refer to **FBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
   - ✓ Unless otherwise noted, insulation or thermal/fire barrier may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet **FBC 1505** and, for foam plastic, **FBC Chapter 26**, when installed with the roof cover.
   - ✓ Unless otherwise noted, underlayment shall be CLAD-GARD™ SA-S or CLAD-GARD™ R (FL13451) or any underlayment that meets ELEVATE minimum requirements and holds current Florida Statewide or Local Product Approval, listed as allowable for use under Metal Roof Panels (FBC 1507.4). The underlayment shall be installed in accordance with the Florida Statewide or Local Product Approval.
3. This Evaluation Report does not include evaluation of roof edge termination.
4. Refer to **FBC 1511** for requirements and limitations regarding recover installations.
   - ✓ For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with **ANSI/SPRI FX-1** or **Testing Application Standard 105**.
5. Refer the tables herein for system attachment requirements for wind load resistance.
   - ✓ "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per FBC 1504.9 has already been applied). Refer to FBC 1609 for determination of design wind pressures.
   - ✓ The MDP for the selected assembly shall meet or exceed the design wind pressure requirements for the project for each pressure zone of the roof. Interpolation between clip-spacing by a qualified design professional is permitted. The maximum listed clip and/or fastener spacing shall not be exceeded.
6. Fasteners shall be corrosion resistant and shall be of sufficient length for minimum 1-inch penetration through plywood roof decks or ¾-inch penetration through steel roof decks. For steel deck installations, fasteners shall engage the top flange of the steel deck.
7. As an alternate to bearing plates between clips and insulation board, 15/32-inch thick plywood may be used to cover the entire deck.
8. Elevate UC-3 and Elevate UC-6 assemblies involve a 180° "Double Lock" seam.
9. The following outlines the attachment clips referred to in the systems tables below. For clips offered in differing materials; unless otherwise noted in the tables, either material may be utilized.

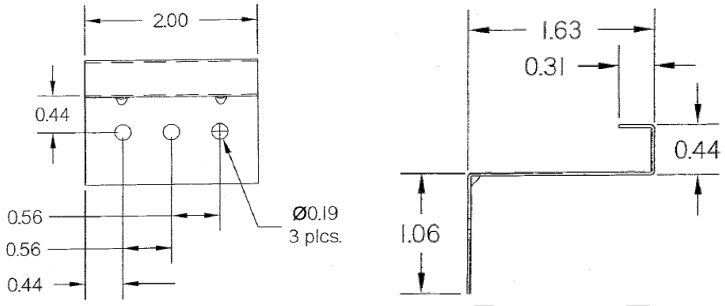
Elevate UNA-CLAD™ UC-3 Fixed Clip

Material – G-90 Galvanized or Stainless Steel

Thickness –

Galvanized – 24 ga.; 0.024-inch – 0.025-inch

Stainless – 26 ga.; 0.018-inch



Elevate UNA-CLAD™ UC-3 Super Clip

Material – G-90 Galvanized or 300 Series Stainless Steel

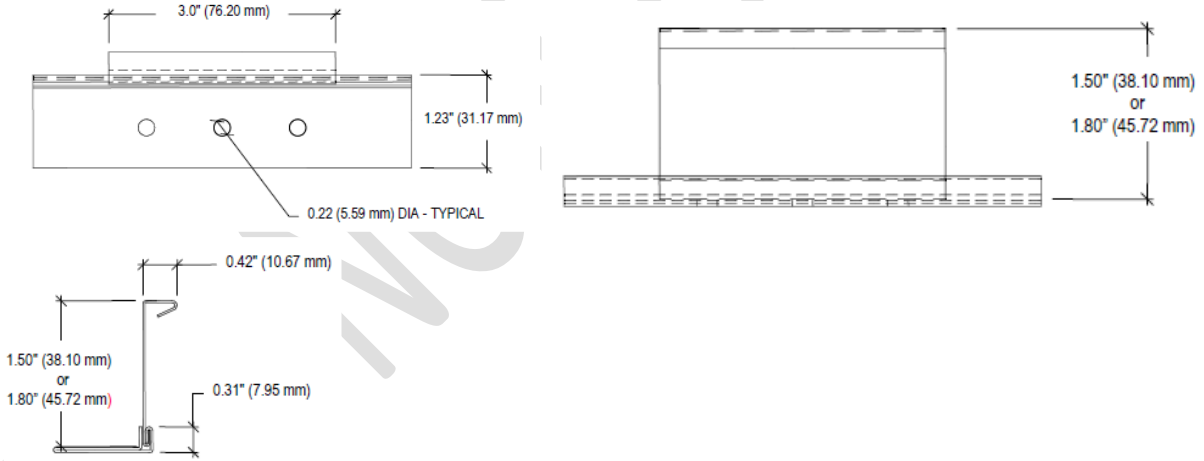
Thickness –

Galvanized – 22 ga.; 0.031-inch Base

24 ga.; 0.025-inch Tab

Stainless – 24 ga.; 0.025-inch Base

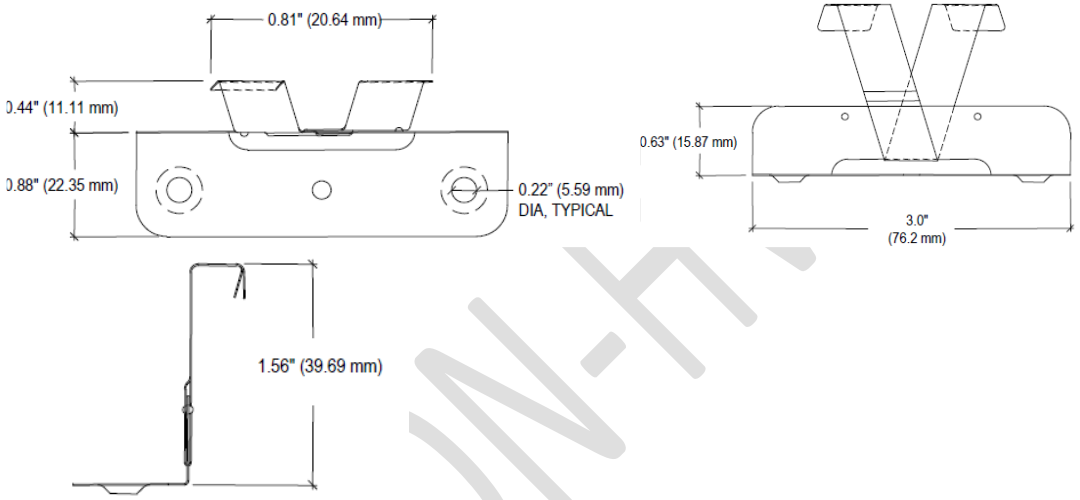
26 ga.; 0.018-inch Tab



Elevate UNA-CLAD™ UC-3 Expansion Clip

Material – G-90 Galvanized or Stainless Steel

Thickness – 28 ga.; 0.016-inch



Elevate UNA-CLAD™ UC-6 Low-Float Clip

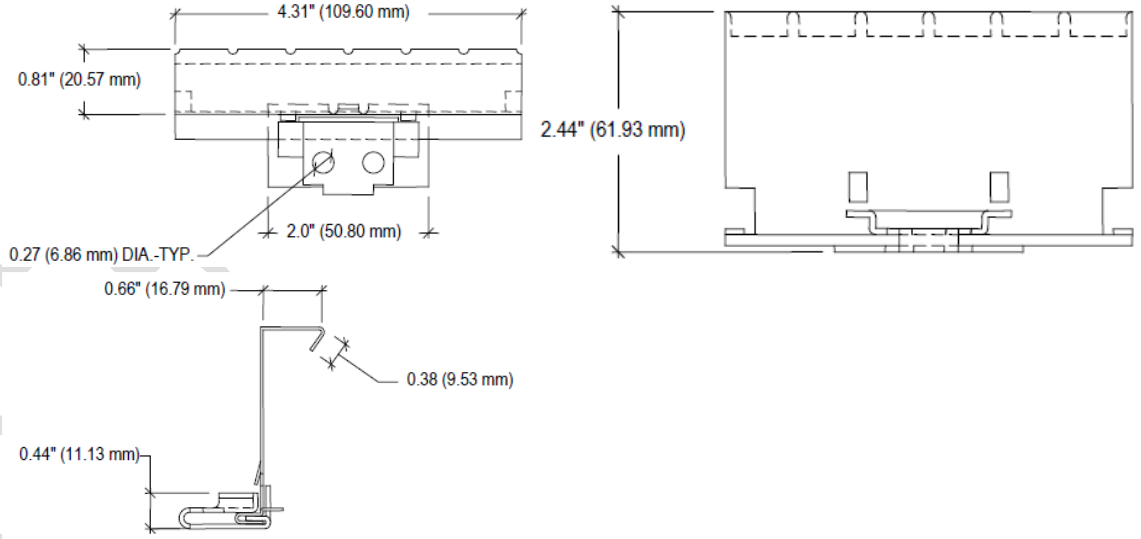
Material – G-90 Galvanized or 300 Series Stainless Steel

Thickness –

Galvanized Base – 16 ga.; 0.058-inch

Galvanized Tab – 22 ga.; 0.031-inch

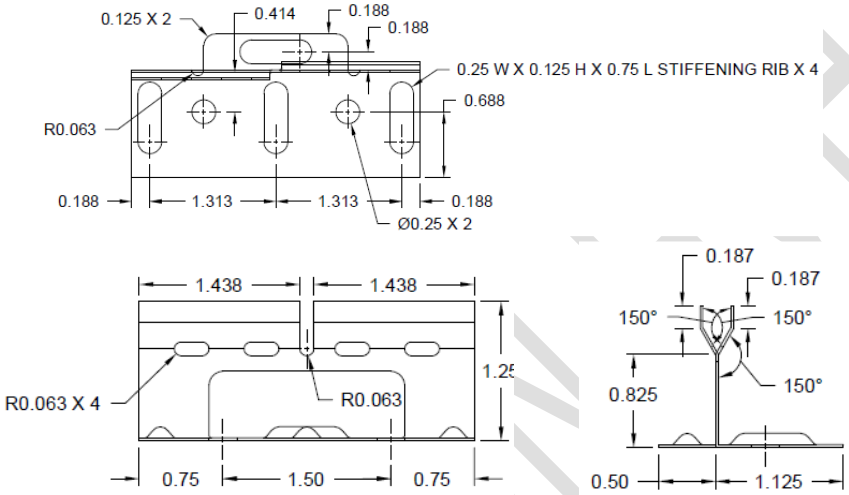
Stainless Tab – 22 ga.; 0.031-inch



Elevate UNA-CLAD™ UC-7 Clip

Material – G-90 Galvanized or Stainless Steel

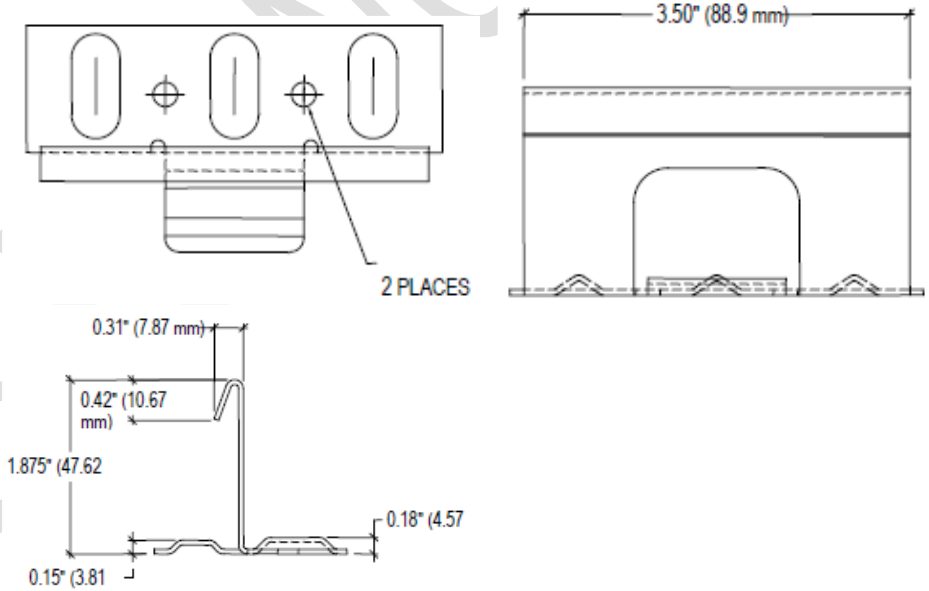
Thickness – 24 ga.; 0.024-inch



Elevate UNA-CLAD™ UC-14 Clip

Material – G-90 Galvanized or 300 Series Stainless Steel

Thickness – 18 ga.; 0.050-inch



Elevate UNA-CLAD™ UC-14-HW Continuous Clip

Material – G-90 Galvanized

Thickness – 18 ga.; 0.050-inch

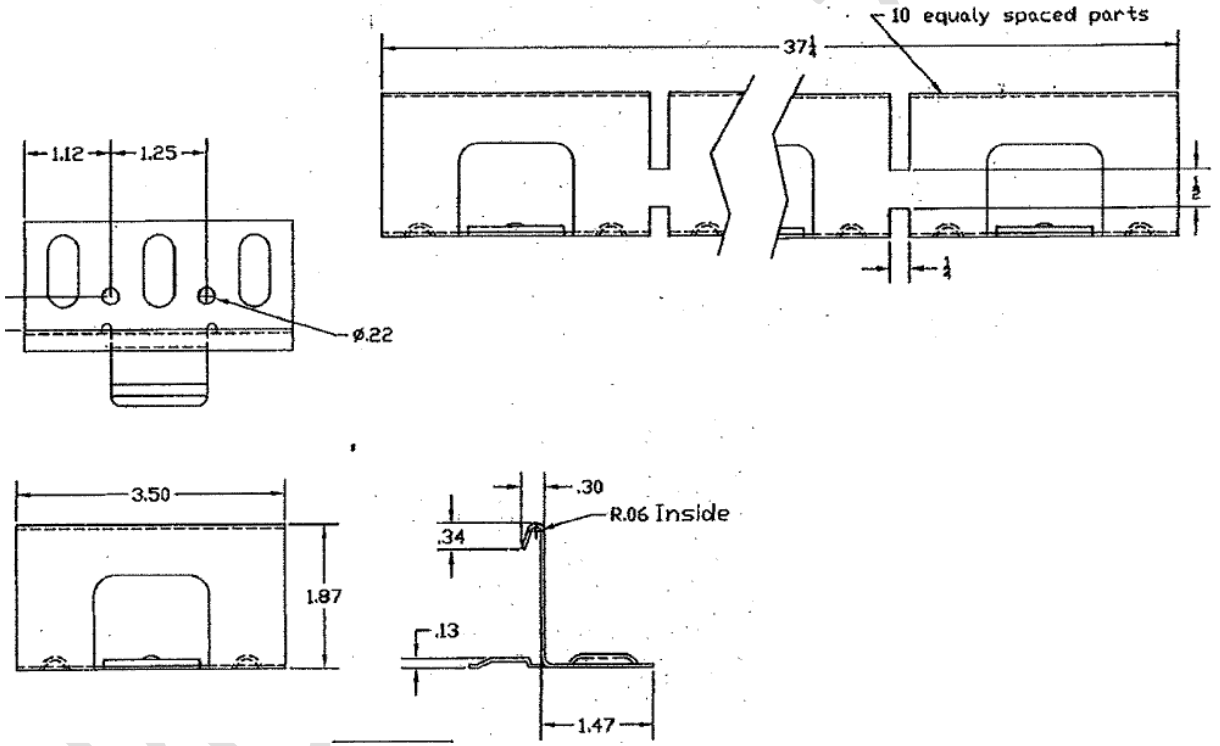


TABLE 1A: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE 5V-CRIMP								
System No.	Deck (Note 1)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover				MDP (psf)
				Panel Type	Panel Width	Clips and/or Fasteners (Note 6)	Max. Spacing	
W-1.	Min. 19/32-inch plywood at max. 24-inch spans attached with #8 x 2-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate 5V-Crimp 26 ga. steel	Max. 22½-inch	#9 x 1½-inch HWH wood screws	24-inch o.c. at overlaps and center ribs	-52.5
W-2.	Min. 19/32-inch plywood at max. 24-inch spans and blocked 48-inch o.c. attached with #8 x 1¾-inch wood screws or 8d annular ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate 5V-Crimp 26 ga. steel	Max. 22½-inch	#9 x 1½-inch HWH wood screws	24-inch o.c. at overlaps and center ribs	-82.25
W-3.	Min. 19/32-inch plywood at max. 24-inch spans and blocked 48-inch o.c. attached with #8 x 1¾-inch wood screws or 8d annular ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate 5V-Crimp 26 ga. steel	Max. 22½-inch	#9 x 1½-inch HWH wood screws	12-inch o.c. at overlaps and center ribs	-189.25

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM								
System No.	Deck (Note 1)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover				MDP (psf)
				Panel Type	Panel Width	Clips and/or Fasteners (Note 6)	Spacing	
ELEVATE UNA-CLAD™ UC-3:								
W-4.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga., min. 51 ksi yield steel; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Super Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	36-inch o.c.	-30.0
W-5.	Min. 19/32-inch plywood at max. 24-inch spans attached with #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Min. 12-inch Max. 20-inch	Elevate UC-3 Expansion Clip / No. 10-12, No. 2 Phillips drive, wafer-head with washer (two screws per clip)	12-inch o.c.	-52.5
W-6.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d, 2-½-inchring shank nails spaced max. 6-inch o.c. at panel edges and at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 20-inch	Elevate UC-3 Super Clip / No. 12, 3-¾-inch steel screws (two screws per clip) with 4x4-inch, 26 gauge steel bearing plates	24-inch o.c.	-52.5
W-7.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d, 2-½-inchring shank nails spaced max. 6-inch o.c. at panel edges and at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 20-inch	Elevate UC-3 S/S Expansion Clip / No. 12 wafer head steel screws (two screws per clip) with 4x4-inch, 26 gauge stainless steel or 20 ga. galvanized steel bearing plates	24-inch o.c.	-52.5
W-8.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d, 2-½-inchring shank nails spaced max. 6-inch o.c. at panel edges and at intermediate supports	None	Note 2	Elevate UC-3 24 ga. steel	Max. 16-inch	Elevate UC-3 S/S Expansion Clip / No. 10 x 1-inch long, Pancake Type A screws (two screws per clip)	18-inch o.c.	-52.5
W-9.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel (Single Lock Seam)	Max. 20-inch	Elevate UC-3 Fixed Clip / No. 10 pancake-head (one screw per clip) Or Elevate UC-3 Super Clip / No. 10 pancake-head steel (two screws per clip)	16-inch o.c.	-62.5
W-10.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga., min. 51 ksi yield steel; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Super Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	30-inch o.c.	-67.5
W-11.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga., min. 51 ksi yield steel; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	24-inch o.c.	-75.0
W-12.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel (Single Lock Seam)	Max. 20-inch	Elevate UC-3 Super Clip / No. 10 pancake-head, stainless steel (two screws per clip)	8-inch o.c.	-101.0

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM								
System No.	Deck (Note 1)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover				MDP (psf)
				Panel Type	Panel Width	Clips and/or Fasteners (Note 6)	Spacing	
W-13.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 20-inch	Elevate UC-3 Super Clip / No. 10 pancake-head, stainless steel (two screws per clip)	12-inch o.c.	-129.3
W-14.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2-inch ring shank nails spaced max. 4-inch o.c. at panel edges and 6-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 16-inch	Elevate UC-3 Continuous Clip (22 ga. x 10 ft long x 0.812-inch wide x 1.625-inch high) / No. 12 pancake-head steel screws	6-inch o.c.	-204.3
W-15.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch aluminum; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5” pancake-head, stainless steel (two screws per clip)	24-inch o.c.	-45.0
W-16.	Min. 19/32-inch plywood at max. 24-inch spans attached with #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch aluminum	Min. 12-inch Max. 20-inch	Elevate UC-3 Expansion Clip / No. 10-12, No. 2 Phillips drive, wafer-head with washer (two screws per clip)	12-inch o.c.	-52.5
W-17.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch aluminum; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Super Clip / #10-12 x min. 1.5” pancake-head, stainless steel (two screws per clip)	24-inch o.c.	-52.5
W-18.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch, min. 25 ksi aluminum; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5” pancake-head, stainless steel (two screws per clip)	18-inch o.c.	-75.0
W-19.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch, min. 22 ksi aluminum; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5” pancake-head, stainless steel (two screws per clip)	12-inch o.c.	-75.0
W-20.	Min. 19/32-inch APA span rated CDX plywood at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch, min. 27 ksi aluminum; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5” pancake-head, stainless steel (two screws per clip)	18-inch o.c.	-78.8
W-21.	Min. 19/32-inch APA span rated CDX plywood at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch, min. 27 ksi aluminum; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5” pancake-head, stainless steel (two screws per clip)	12-inch o.c.	-97.5

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM								
System No.	Deck (Note 1)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover				MDP (psf)
				Panel Type	Panel Width	Clips and/or Fasteners (Note 6)	Spacing	
W-22.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch aluminum	Max. 24-inch	Elevate UC-3 Fixed Clip / No. 10 pancake-head, stainless steel (one screw per clip) Or Elevate UC-3 Super Clip / No. 10 pancake-head, stainless steel (two screws per clip)	18-inch o.c.	-110.5
W-23.	Min. 19/32-inch APA span rated CDX plywood at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch, min. 27 ksi aluminum; min. 1.5-inch high seam	Max. 16-inch	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5” pancake-head, stainless steel (two screws per clip)	6-inch o.c.	-112.5
W-24.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch aluminum	Max. 24-inch	Elevate UC-3 Super Clip / No. 10 pancake-head, stainless steel (two screws per clip)	12-inch o.c.	-129.5
W-25.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2 Followed by Elevate approved ventilation mat	Elevate UC-3 Min. 0.027-inch RHEINZINK	Max. 16-inch	Elevate UC-3 Super Clip / No. 10 x 1½-inch, pancake-head stainless steel (two screws per clip)	12-inch o.c.	-52.5
W-26.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2 Followed by optional Elevate approved ventilation mat	Elevate UC-3 Min. 0.027-inch RHEINZINK	Max. 16-inch	Elevate UC-3 Super Clip / No. 10 pancake-head stainless steel (two screws per clip)	12-inch o.c.	-116.0
W-27.	Min. 19/32-inch plywood at max. 24-inch spans attached with ring shank nails or wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.027-inch RHEINZINK	Max. 16-inch	Elevate UC-3 Super Clip / No. 10 x 1½-inch, pancake-head stainless steel (two screws per clip)	12-inch o.c.	-123.5
W-28.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-3 Min. 16 oz copper	Max. 16-inch	Elevate UC-3 Expansion Clip / No. 10 pancake-head, stainless steel (two screws per clip)	12-inch o.c.	-76.75
ELEVATE UNA-CLAD™ UC-4:								
W-29.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga., min. 50 ksi yield steel	Max. 18-inch	#10-12 x min. 1.5” pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	30-inch o.c.	-45.0

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM								
System No.	Deck (Note 1)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover				MDP (psf)
				Panel Type	Panel Width	Clips and/or Fasteners (Note 6)	Spacing	
W-30.	Min. 19/32-inch plywood at max. 24-inch spans attached with #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga. steel	Max. 17¾-inch	No. 10-12, No. 2 Phillips drive, wafer-head with washer. Two fasteners at each location driven through adjacent guide holes in mounting flange	18-inch o.c.	-52.5
W-31.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails spaced max. 6-inch o.c. at panel edges at intermediate supports or Min. 7/16-inch PS-2 rated OSB at max. 24-inch spans attached with #8 x 2½-inch long coarse thread screws spaced max. 12-inch o.c. at panel edges at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 26 ga. steel	Max. 9¾-inch	No. 10-12, No. 2 Phillips drive, wafer-head with washer. Two fasteners at each location driven through adjacent guide holes in mounting flange	12-inch o.c.	-52.5
W-32.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga., min. 50 ksi yield steel	Max. 18-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	24-inch o.c.	-75.0
W-33.	Min. 19/32-inch APA span rated CDX plywood at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga., min. 50 ksi steel	Max. 18-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	24-inch o.c.	-82.5
W-34.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga., min. 50 ksi yield steel	Max. 18-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	18-inch o.c.	-90.0
W-35.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga. steel	Max. 17¾-inch	No. 12 wafer-head with washer. One fastener at each location driven through guide holes in mounting flange	12-inch o.c.	-92.5
W-36.	Min. 19/32-inch APA span rated CDX plywood at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga., min. 50 ksi steel	Max. 18-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	12-inch o.c.	-97.5
W-37.	Min. 19/32-inch APA span rated CDX plywood at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga., min. 50 ksi steel	Max. 9¾-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	30-inch o.c.	-97.5
W-38.	Min. 19/32-inch APA span rated CDX plywood at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga., min. 50 ksi steel	Max. 18-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	6-inch o.c.	-112.5

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM								
System No.	Deck (Note 1)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover				MDP (psf)
				Panel Type	Panel Width	Clips and/or Fasteners (Note 6)	Spacing	
W-39.	Min. 19/32-inch APA span rated CDX plywood at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 24 ga., min. 50 ksi steel	Max. 9¾-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	12-inch o.c.	-172.5
W-40.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 Min. 0.032-inch aluminum	Max. 18-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	24-inch o.c.	-45.0
W-41.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 Min. 0.032-inch aluminum	Max. 18-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	12-inch o.c.	-52.5
W-42.	Min. 19/32-inch plywood at max. 24-inch spans attached with #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 Min. 0.040-inch aluminum	Max. 17¾-inch	No. 10-12, No. 2 Phillips drive, wafer-head with washer. Two fasteners at each location driven through adjacent guide holes in mounting flange	18-inch o.c.	-52.5
W-43.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails spaced max. 6-inch o.c. at panel edges at intermediate supports or Min. 7/16-inch PS-2 rated OSB at max. 24-inch spans attached with #8 x 2½-inch long coarse thread screws spaced max. 12-inch o.c. at panel edges at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 Min. 0.032-inch aluminum	Max. 9¾-inch	No. 10-12, No. 2 Phillips drive, wafer-head with washer. Two fasteners at each location driven through adjacent guide holes in mounting flange	12-inch o.c.	-52.5
W-44.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 Min. 0.032-inch aluminum	Max. 18-inch	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washer. Two fasteners at each location driven through adjacent guide holes in mounting flange.	18-inch o.c.	-67.5
W-45.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails spaced max. 6-inch o.c. at panel edges and 6-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 Min. 0.032-inch aluminum	Max. 9¾-inch	No. 10, 1-inch long steel screw with plastic washer. One fastener at each location driven through guide holes in mounting flange	12-inch o.c.	-113.5
W-46.	Min. 23/32-inch plywood at max. 24-inch spans attached with #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-4 Min. 16 oz copper	Min. 12-inch Max. 14-inch	No. 10-12, No. 2 Phillips drive, wafer-head with washer. One fastener at each location driven through guide holes in mounting flange	9-inch o.c.	-52.5
ELEVATE UNA-CLAD™ UC-6:								

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM								
System No.	Deck (Note 1)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover				MDP (psf)
				Panel Type	Panel Width	Clips and/or Fasteners (Note 6)	Spacing	
W-47.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-6 24 ga., min. 51 ksi yield steel	Max. 18-inch	Elevate UC-6 Low Float Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	30-inch o.c.	-41.6
W-48.	Min. 19/32-inch plywood at max. 24-inch spans attached with #8 x 2½-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-6 or Elevate UC-6 HD Min. 24 ga. steel	Max. 18-inch	Elevate UC-6 Low Float Clip (with coated steel tab) / No. 12 hex-washer, pancake head plated screws (two screws per clip).	36-inch o.c.	-52.5
W-49.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-6 24 ga., min. 51 ksi yield steel	Max. 18-inch	Elevate UC-6 Low Float Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	24-inch o.c.	-60.0
W-50.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-6 Min. 0.032-inch aluminum	Max. 18-inch	Elevate UC-6 Low Float Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	30-inch o.c.	-45.0
W-51.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-6 Min. 0.032-inch aluminum	Max. 18-inch	Elevate UC-6 Low Float Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	24-inch o.c.	-52.5
W-52.	Min. 19/32-inch plywood at max. 24-inch spans attached with #8 x 2½-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-6 or Elevate UC-6 HD Min. 0.032-inch aluminum	Max. 18-inch	Elevate UC-6 Low Float Clip (with coated steel tab) / No. 12 hex-washer, pancake head plated screws (two screws per clip).	30-inch o.c.	-52.5
ELEVATE UNA-CLAD™ UC-7:								
W-53.	Min. 19/32-inch plywood at max. 24-inch spans attached with #8 x 2½-inch wood screws spaced max. 6-inch o.c. at panel edges and 6-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-7 Min. 24 ga. steel	Max. 12-inch	Elevate UC-7 Clip (coated steel) / No. 12 hex-washer, pancake head plated screws (two screws per clip).	12-inch o.c.	-52.5
ELEVATE UNA-CLAD™ UC-14:								
W-54.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 24 ga., min. 53 ksi yield steel	Max. 18-inch	Elevate UC-14 Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	18-inch o.c.	-52.5
W-55.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	Elevate UC-14 Clip / No. 10-12, No. 2 Phillips drive, pancake head screws (two screws per clip).	36-inch o.c.	-52.5
W-56.	Min. 23/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	Elevate UC-14 Clip / No. 10-12, No. 2 Phillips drive, pancake head screws (two screws per clip).	48-inch o.c.	-52.5

TABLE 1B: WOOD DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM								
System No.	Deck (Note 1)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover				MDP (psf)
				Panel Type	Panel Width	Clips and/or Fasteners (Note 6)	Spacing	
W-57.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 24 ga., min. 46 ksi yield steel	Max. 18-inch	Elevate UC-14 Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	24-inch o.c.	-67.5
W-58.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 6-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 24 ga. steel	Max. 16-inch	Elevate UC-14 Clip / No. 10-12, No. 1 Phillips drive, bugle head screws (two screws per clip).	12-inch o.c.	-86.0
W-59.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 24 ga., min. 57 ksi yield steel	Max. 18-inch	Elevate UC-14 Clip (galvanized) / No. 10-12, No. 2 Phillips drive, pancake head screws (two screws per clip).	16-inch o.c.	-91.7
W-60.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 6-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 24 ga. steel	Max. 16-inch	Elevate UC-14 Clip / No. 10-12, No. 1 Phillips drive, bugle head screws (two screws per clip).	6-inch o.c.	-99.5
W-61.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 24 ga., min. 57 ksi yield steel	Max. 18-inch	Elevate UC-14-HW Continuous Clips / No. 10-12, No. 2 Phillips drive, pancake head screws (2 screws per clip)	Continuous, 0.25-inch between clip-ends	-144.2
W-62.	Min. 7/16-inch APA span rated OSB at max. 24-inch spans attached with 0.113 x 2-3/8-inch ring shank nails spaced max. 6-inch o.c. at panel edges and intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 Min. 0.032-inch aluminum	Max. 18-inch	Elevate UC-14 Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip)	18-inch o.c.	-52.5
W-63.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 12-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 Min. 0.032-inch aluminum	Max. 16-inch	Elevate UC-14 Clip / No. 10-12, No. 1 Phillips drive, bugle head screws (two screws per clip).	18-inch o.c.	-52.5
W-64.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 6-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 Min. 0.032-inch aluminum	Max. 16-inch	Elevate UC-14 Clip / No. 10-12, No. 1 Phillips drive, bugle head screws (two screws per clip).	12-inch o.c.	-74.0
W-65.	Min. 19/32-inch plywood at max. 24-inch spans attached with 8d x 2½-inch ring shank nails or #8 x 1-7/8-inch wood screws spaced max. 6-inch o.c. at panel edges and 6-inch o.c. at intermediate supports	(Optional) Note 2	Note 2	Elevate UC-14 Min. 0.032-inch aluminum	Max. 16-inch	Elevate UC-14 Clip / No. 10-12, No. 1 Phillips drive, bugle head screws (two screws per clip).	6-inch o.c.	-86.0

TABLE 2: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM										
System No.	Deck (Note 1)	Insulation (Note 2)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover					MDP (psf)
					Panel Type	Panel Width	Bearing Plate	Clips and/or Fasteners (Note 6)	Spacing	
ELEVATE UNA-CLAD™ UC-3:										
S-1.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 24-inch spans attached with No. 12-14 x 1-inch self-drilling, self-tapping screws spaced max. 6-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Min. 12-inch Max. 20-inch	Min. 20 ga., 3 x 4-inch steel	Elevate UC-3 Expansion Clip / No. 12-13, No. 3 Phillips drive, truss-head, "S" point (two screws per clip)	12-inch o.c.	-52.5
S-2.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 48-inch spans attached with puddle welds spaced max. 12-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 16-inch	Min. 26 ga., 4 x 4-inch stainless steel	Elevate UC-3 Super Clip / No. 12, wafer-head (two screws per clip)	12-inch o.c.	-52.5
S-3.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 48-inch spans attached with puddle welds spaced max. 12-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 20-inch	Min. 26 ga., 4 x 4-inch stainless steel	Elevate UC-3 Super Clip / No. 12, 3-¾-inch (two screws per clip)	24-inch o.c.	-52.5
S-4.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 72-inch spans fastened max. 6-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 6-inch thick, min. 1.8 pcf density rigid insulation board or min. ½-inch ISOGARD HD; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 20-inch	4 x 4-inch min. 26 ga. S/S or 20 ga. galv steel	Elevate UC-3 S/S Expansion Clip / No. 12 wafer head steel screws (two screws per clip)	24-inch o.c.	-52.5
S-5.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 48-inch spans attached with puddle welds spaced max. 12-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 16-inch	Min. 26 ga., 4 x 4-inch stainless steel	Elevate UC-3 Super Clip / No. 12, pancake-head (two screws per clip)	12-inch o.c.	-71.0
S-6.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 60-inch spans attached with Tek 3 screws spaced max. 6-inch o.c. Panels stitched with Tek 3 screws, 6-inch o.c.	(Optional if using fire barrier) Min. 1-inch thick, min. 2 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 min. 1.5-inch seam height 24 ga., min. 52 ksi yield steel	Max. 20-inch	None	Elevate UC-3 Fixed Clip (galvanized) / No. 12, pancake-head (two screws per clip) 90 degree seam	16-inch o.c.	-71.0

TABLE 2: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF)
ELEVATE UNA-CLAD STANDING SEAM

System No.	Deck (Note 1)	Insulation (Note 2)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover					MDP (psf)
					Panel Type	Panel Width	Bearing Plate	Clips and/or Fasteners (Note 6)	Spacing	
S-7.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 48-inch spans attached with puddle welds spaced max. 12-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 24 ga. steel	Max. 16-inch	Min. 26 ga., 4 x 4-inch stainless steel	Elevate UC-3 Super Clip / No. 12, pancake-head (two screws per clip)	6-inch o.c.	-101.0
S-8.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 60-inch spans attached with Tek 3 screws spaced max. 6-inch o.c. Panels stitched with Tek 3 screws, 6-inch o.c.	(Optional if using fire barrier) Min. 1-inch thick, min. 2 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 min. 1.5-inch seam height 24 ga., min. 52 ksi yield steel	Max. 20-inch	None	Elevate UC-3 Fixed Clip (galvanized) / No. 12, pancake-head (two screws per clip) 90 degree seam	6-inch o.c.	-161.0
S-9.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 24-inch spans attached with No. 12-14 x 1-inch self-drilling, self-tapping screws spaced max. 6-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-3 Min. 0.032-inch aluminum	Min. 12-inch Max. 20-inch	Min. 20 ga., 3 x 4-inch steel	Elevate UC-3 Expansion Clip / No. 12-13, No. 3 Phillips drive, truss-head, "S" point (two screws per clip)	12-inch o.c.	-52.5
S-10.	Min. 22 ga., Type B, Grade 40 steel at max. 60-inch spans with one #12-24 HWH DP5 screw, 6" o.c.	Optional fire barrier (Note 2) followed by min. 1.5-inch HailGard Composite Board attached with HD Hailgard Fasteners at 8 parts per 4 x 8 ft board		Note 2	Elevate UC-3 Min. 1.5-inch seam height Min. 0.032-inch, 27 ksi aluminum	Max. 16-inch	None	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip), engage HailGard Composite Board	18-inch o.c.	-52.5
S-11.	Min. 22 ga., Type B, Grade 40 steel at max. 60-inch spans with one #12-24 HWH DP5 screw, 6" o.c.	Optional fire barrier (Note 2) followed by min. 1.5-inch HailGard Composite Board attached with HD Hailgard Fasteners at 12 parts per 4 x 8 ft board		Note 2	Elevate UC-3 Min. 1.5-inch seam height Min. 0.032-inch aluminum	Max. 16-inch	None	Elevate UC-3 Expansion Clip SS / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip), engage HailGard Composite Board	18-inch o.c.	-67.5
S-12.	Min. 22 ga., Type B, Grade 40 steel at max. 60-inch spans with one #12-24 HWH DP5 screw, 6" o.c.	Min. 1.5-inch thick ISO 95+ GL, loose-laid	(Optional) Note 2	Note 2	Elevate UC-3 Min. 1.5-inch seam height Min. 0.040-inch aluminum	Max. 12-inch	Min. 20 ga., 4 x 4-inch steel	Elevate UC-3 Super Clip (galvanized) / #12-13 pancake-head (two screws per clip)	24-inch o.c.	-90.0

TABLE 2: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM										
System No.	Deck (Note 1)	Insulation (Note 2)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover					MDP (psf)
					Panel Type	Panel Width	Bearing Plate	Clips and/or Fasteners (Note 6)	Spacing	
S-13.	Min. 22 ga., min 1½-inch deep, Grade 33 steel at max. 60-inch spans attached with one ¼-inch x 1½-inch TEK screw at each valley (6-inch o.c.). Side laps fastened 12-inch o.c.	Min. 3-inch thick ISO 95+ GL attached #12 screws and 3-inch diameter plates at 15 parts per 4 x 8 ft board	Min. ½-inch Dens Deck attached #12 screws and 3-inch diameter plates at 15 parts per 4 x 8 ft board	Note 2	Elevate UC-3 Min. 0.040-inch aluminum	Max. 12-inch	None	Elevate UC-3 Super Clip / No. 12, pancake-head (three screws per clip)	18-inch o.c.	-134.0
S-14.	Min. 22 ga., min 1½-inch deep, Grade 33 steel at max. 60-inch spans attached with two ¼-inch x 1½-inch TEK screws at each valley (6-inch o.c.). Side laps fastened 12-inch o.c.	Min. 3-inch thick ISO 95+ GL attached #12 screws and 3-inch diameter plates at 24 parts per 4 x 8 ft board	Min. ½-inch Dens Deck attached #12 screws and 3-inch diameter plates at 24 parts per 4 x 8 ft board	Note 2	Elevate UC-3 Min. 0.040-inch aluminum	Max. 12-inch	None	Elevate UC-3 Super Clip / No. 12, pancake-head (three screws per clip)	12-inch o.c.	-150.0
S-15.	Min. 22 ga., Type B, Grade 40 steel at max. 60-inch spans with one #12-24 HWH DP5 screw, 6" o.c.	Min. 1.5-inch thick ISO 95+ GL, loose-laid	(Optional) Note 2	Note 2	Elevate UC-3 Min. 1.5-inch seam height Min. 0.040-inch aluminum	Max. 12-inch	Min. 20 ga., 4 x 4-inch steel	Elevate UC-3 Super Clip (galvanized) / #12-13 pancake-head (two screws per clip)	12-inch o.c.	-165.0
S-16.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 48-inch spans attached with puddle welds spaced max. 12-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2 Followed by Elevate approved ventilation mat	Elevate UC-3 Min. 0.027-inch RHEINZINK	Max. 16-inch	Min. 26 ga., 4 x 4-inch stainless steel	Elevate UC-3 Super Clip / No. 12 wafer-head stainless steel (two screws per clip)	12-inch o.c.	-52.5
S-17.	Min. 22 ga. Type B, Grade 33 steel at max. 48-inch spans attached with puddle welds spaced max. 12-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2 Followed by optional Elevate approved ventilation mat	Elevate UC-3 Min. 0.027-inch RHEINZINK	Max. 16-inch	Min. 26 ga., 4 x 4-inch stainless steel	Elevate UC-3 Super Clip / No. 12 wafer-head (two screws per clip)	12-inch o.c.	-86.0
S-18.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 48-inch spans attached with puddle welds spaced max. 12-inch o.c.	Min. 1-inch thick rigid foam plastic fastened per manufacturer	(Optional) Note 2	Note 2 Followed by Colbond Enkamat 7010 vapor barrier	Elevate UC-3 Min. 0.027-inch RHEINZINK	Max. 16-inch	Min. 26 ga., 4 x 4-inch stainless steel or ½-inch plywood	Elevate UC-3 Super Clip / No. 12, pancake-head stainless steel (two screws per clip)	12-inch o.c.	-93.5

TABLE 2: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM										
System No.	Deck (Note 1)	Insulation (Note 2)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover					MDP (psf)
					Panel Type	Panel Width	Bearing Plate	Clips and/or Fasteners (Note 6)	Spacing	
S-19.	Min. 22 ga. Type N, min. 3-inch deep, Grade 33 steel at max. 10 ft spans attached with #12-24 x 1¼-inch HWH grade 5 screws spaced max. 6-inch o.c.	Min. 5/8-inch mineral board followed by two layers min. 1½-inch ASTM C1289 polyisocyanurate	Min. 5/8-inch mineral board, attached #14 screws and 3-inch diameter plates at 1.5 ft² per fastener	Note 2	Elevate UC-3 Min. 16 oz copper	Max. 20-inch	Min. 26 ga., 4 x 4-inch stainless steel	Elevate UC-3 Expansion Clip / No. 12 pancake-head steel (two screws per clip)	8-inch o.c.	-84.2
ELEVATE UNA-CLAD™ UC-4:										
S-20.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 24-inch spans attached with No. 12-14 x 1-inch self-drilling, self-tapping screws spaced max. 6-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-4 24 ga. steel	Max. 17¾-inch	Min. 26 ga., 3 x 3-inch steel	No. 12-15, No. 3 Phillips drive, truss-head, "S" point with washer. Two fasteners at each location driven through adjacent guide holes in mounting flange	18-inch o.c.	-52.5
S-21.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 24-inch spans attached with No. 12-14 x 1-inch self-drilling, self-tapping screws spaced max. 6-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-4 24 ga. steel	Max. 17¾-inch	Min. 20 ga., 3 x 4-inch steel	No. 12-15, No. 3 Phillips drive, truss-head, "S" point with washer. Two fasteners at each location driven through adjacent guide holes in mounting flange	12-inch o.c.	-52.5
S-22.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 24-inch spans attached with No. 12-14 x 1-inch self-drilling, self-tapping screws spaced max. 6-inch o.c.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-4 Min. 0.040-inch aluminum	Max. 17¾-inch	Min. 20 ga., 3 x 4-inch steel	No. 12-15, No. 3 Phillips drive, truss-head, "S" point with washer. Two fasteners at each location driven through adjacent guide holes in mounting flange	12-inch o.c.	-52.5
S-23.	Min. 22 ga., Type B, Grade 40 steel at max. 60-inch spans with one #12-24 HWH DP5 screw, 6" o.c.	Optional fire barrier (Note 2) followed by min. 1.5-inch HailGard Composite Board attached with HD Hailgard Fasteners at 8 parts per 4 x 8 ft board		Note 2	Elevate UC-4 Min. 0.032-inch aluminum	Max. 17¾-inch	None	#10-12 x min. 1.5" pancake-head, stainless steel with nylon washers. Two fasteners at each location driven through adjacent guide holes in mounting flange, engage HailGard Composite Board	18-inch o.c.	-60.0
ELEVATE UNA-CLAD™ UC-6:										

TABLE 2: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM										
System No.	Deck (Note 1)	Insulation (Note 2)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover					MDP (psf)
					Panel Type	Panel Width	Bearing Plate	Clips and/or Fasteners (Note 6)	Spacing	
S-24.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel. Span and attachment to meet design pressure requirements.	(Optional if using fire barrier) Min. 1-inch, min. 1.8 pcf density rigid insulation board or min. ½-inch ISOGARD HD; Note 2	(Optional) Note 2	Note 2	Elevate UC-6 or Elevate UC-6 HD Min. 24 ga. steel	Max. 18-inch	Min. 26 ga., 4 x 4-inch steel	Elevate UC-6 Low Float Clip (with coated steel tab) / No. 14 self-drilling, self-tapping, hex-washer, pancake head plated screws (two screws per clip)	30-inch o.c.	-52.5
S-25.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel. Span and attachment to meet design pressure requirements	Optional fire barrier (Note 2) followed by min. 1-inch thick UL Classified foam plastic insulation followed by min. 15/32-inch thick APA rated plywood or min. 7/16-inch thick PS-2 OSB attached with HD Hailgard Fasteners at 24 parts per 4 x 8 ft board; Note 2		Note 2	Elevate UC-6 or Elevate UC-6 HD Min. 24 ga. steel	Max. 18-inch	None	Elevate UC-6 Low Float Clip (with coated steel tab) / No. 10-10 x 1-inch, A-point, No. 2 Phillips drive, pancake head screws (two screws per clip), engage plywood or OSB coverboard.	24-inch o.c.	-52.5
S-26.	Min. 22 ga., Type B, Grade 40 steel at max. 60-inch spans with one #12-24 HWH DP5 screw, 6" o.c.	Optional fire barrier (Note 2) followed by min. 1.5-inch HailGard Composite Board attached with HD Hailgard Fasteners at 8 parts per 4 x 8 ft board		Note 2	Elevate UC-6 or Elevate UC-6 HD Min. 24 ga., 51 ksi steel	Max. 18-inch	None	Elevate UC-6 Low Flat Clip (with coated steel tab) / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip), engage HailGard Composite Board	18-inch o.c.	-52.5
S-27.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel. Span and attachment to meet design pressure requirements	Optional fire barrier (Note 2) followed by min. 1-inch thick UL Classified foam plastic insulation followed by min. 15/32-inch thick APA rated plywood or min. 7/16-inch thick PS-2 OSB attached with HD Hailgard Fasteners at 24 parts per 4 x 8 ft board; Note 2		Note 2	Elevate UC-6 or Elevate UC-6 HD Min. 0.032-inch aluminum	Max. 18-inch	None	Elevate UC-6 Low Float Clip (with coated steel tab) / No. 10-10 x 1-inch, A-point, No. 2 Phillips drive, pancake head screws (two screws per clip), engage plywood or OSB coverboard.	24-inch o.c.	-52.5
S-28.	Min. 22 ga., Type B, Grade 40 steel at max. 60-inch spans with one #12-24 HWH DP5 screw, 6" o.c.	Optional fire barrier (Note 2) followed by min. 1.5-inch HailGard Composite Board attached with HD Hailgard Fasteners at 8 parts per 4 x 8 ft board		Note 2	Elevate UC-6 or Elevate UC-6 HD Min. 0.032-inch aluminum	Max. 18-inch	None	Elevate UC-6 Low Flat Clip (with coated steel tab) / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip), engage HailGard Composite Board	18-inch o.c.	-52.5
ELEVATE UNA-CLAD™ UC-14:										
S-29.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel. Span and attachment to meet design pressure requirements.	(Optional if using fire barrier) Min. 1-inch, max. 4-inch thick, min. 1.8 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	Min. 24 ga., 4½ x 6-inch steel	Elevate UC-14 Clip / No. 14 No. 3 Phillips drive, truss head, self-drilling screws (two screws per clip)	18-inch o.c.	-52.5
S-30.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 72-inch spans fastened max. 6-inch o.c.	(Optional if using fire barrier) Max. 4-inch thick, rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	(Optional) 4 x 4-inch min. 26 ga. S/S or 20 ga. galv steel	Elevate UC-14 Clip (coated steel) / No. 12 self-drilling screws (two screws per clip)	18-inch o.c.	-52.5

TABLE 2: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM										
System No.	Deck (Note 1)	Insulation (Note 2)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover					MDP (psf)
					Panel Type	Panel Width	Bearing Plate	Clips and/or Fasteners (Note 6)	Spacing	
S-31.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel. Span and attachment to meet design pressure requirements.	(Optional) Min. 1-inch, max. 4-inch thick, min. 1 pcf density rigid insulation board; Note 2	Min. ½-inch Loadmaster Mineral Board or Dens Deck with taped joints attached No. 0.140-inch dia. Phillips, trumpet or bugle head screws with 3 x 3-inch steel plates at 21 parts per 4 x 8 ft board	Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	None	Elevate UC-14 Clip / No. 14 No. 3 Phillips drive, truss head, self-drilling screws (two screws per clip)	48-inch o.c.	-52.5
S-32.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel. Span and attachment to meet design pressure requirements.	(Optional) Min. 1-inch, max. 4-inch thick, min. 2 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	Min. 16 ga., 4½ x 6-inch steel	Elevate UC-14 Clip / No. 14 No. 3 Phillips drive, truss head, self-drilling screws (two screws per clip)	48-inch o.c.	-52.5
S-33.	Min. 29 ga., min. 9/16-inch deep, Grade 80 steel atop min. 16 ga, Grade 50 steel purlins at max. 48-inch spans. Attachment to meet design pressure requirements.	(Optional) Min. 1-inch, max. 4-inch thick, min. 2 pcf density rigid insulation board; Note 2	(Optional) Note 2	Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	Min. 24 ga., 3-7/8 x 5-inch steel	Elevate UC-14 Clip / No. 14 No. 3 Phillips drive, truss head, self-drilling screws (two screws per clip). Clips located atop and fasteners engage structural supports (purlins)	48-inch o.c.	-52.5
S-34.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 6 ft spans attached with No. 12-14 x 1-inch self-drilling, self-tapping screws spaced max. 6-inch o.c.	Optional fire barrier (Note 2) followed by min. 1-inch, max. 3½-inch thick, min. 2 pcf density UL Classified polyisocyanurate composite with factory laminated min. 7/16-inch thick APA rated OSB attached No. 11-13 truss head screws with 2-inch diameter, 22 ga. steel plates at 15 parts per 4 x 8 ft board; Note 2		Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	None	Elevate UC-14 Clip / No. 10-12, A-point, No. 2 Phillips drive, pancake head screws (two screws per clip), engage OSB coverboard.	36-inch o.c.	-52.5
S-35.	Min. 22 ga., Type B, Grade 40 steel at max. 60-inch spans with one #12-24 HWH DP5 screw, 6" o.c.	Optional fire barrier (Note 2) followed by min. 1.5-inch HailGard Composite Board attached with HD Hailgard Fasteners at 8 parts per 4 x 8 ft board		Note 2	Elevate UC-14 24 ga., 46 ksi steel	Max. 18-inch	None	Elevate UC-14 Clip / #10-12 x min. 1.5" pancake-head, stainless steel (two screws per clip), engage HailGard Composite Board	18-inch o.c.	-52.5
S-36.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 72-inch spans fastened max. 6-inch o.c.	(Optional if using fire barrier) Max. 4-inch thick, rigid insulation board Note 2	(Optional) Note 2	Note 2	Elevate UC-14 Min. 0.032-inch aluminum	Max. 18-inch	(Optional) 4 x 4-inch min. 26 ga. S/S or 20 ga. galv steel	Elevate UC-14 Clip / No. 12 self-drilling screws (two screws per clip)	18-inch o.c.	-52.5

TABLE 2: STEEL DECKS - NEW CONSTRUCTION OR REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM										
System No.	Deck (Note 1)	Insulation (Note 2)	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover					MDP (psf)
					Panel Type	Panel Width	Bearing Plate	Clips and/or Fasteners (Note 6)	Spacing	
S-37.	Min. 22 ga., min. 1½-inch deep, Grade 33 steel at max. 6 ft spans attached with No. 12-14 x 1-inch self-drilling, self-tapping screws spaced max. 6-inch o.c.	Optional fire barrier (Note 2) followed by min. 1-inch, max. 3½-inch thick, min. 2 pcf density UL Classified poly-isocyanurate composite with factory laminated min. 7/16-inch thick APA rated OSB attached No. 11-13 truss head screws with 2-inch diameter, 22 ga. steel plates at 15 parts per 4 x 8 ft board; Note 2		Note 2	Elevate UC-14 Min. 0.032-inch aluminum	Max. 16-inch	None	Elevate UC-14 Clip / No. 10-12, A-point, No. 2 Phillips drive, pancake head screws (two screws per clip) engage OSB coverboard.	18-inch o.c.	-52.5

TABLE 3: CEMENTITIOUS WOOD FIBER DECKS - REROOF (TEAR-OFF) ELEVATE UNA-CLAD STANDING SEAM										
System No.	Deck (Note 1)	Insulation	Fire Barrier (Note 2)	Underlay (Note 2)	Roof Cover					MDP (psf)
					Panel Type	Panel Width	Bearing Plate	Clips and/or Fasteners (Note 6)	Spacing	
CWF-1.	Min. 5-inch thick Tectum III or Tectum E at max. 24-inch spans attached with No. 14 x 6-inch x min. 5/8-inch dia head self-drilling, self-tapping screws spaced max. 12-inch o.c. at each joist. Note: Truss Tee and Tectum Grout required if panels not tongue-and-groove.			Note 2	Elevate UC-14 24 ga. steel	Max. 18-inch	None	Elevate UC-14 Clip / No. 10-12, A-point, No. 2 Phillips drive, pancake head screws (two screws per clip).	36-inch o.c.	-52.5