ICC-ES Evaluation Report

ESR-5045

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This report also contains:

- **City of LA Supplement**
- **CA Supplement w/DSA & OSHPD**

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DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION **Section: 07 46 16—Aluminum Siding** **Section: 07 46 19—Steel Siding**	**REPORT HOLDER:** **TAYLOR METAL INC. (dba TAYLOR METAL PRODUCTS)**	**EVALUATION SUBJECT:** **TMP METAL SIDING**	

1.0 EVALUATION SCOPE

1.1 Compliance with the following codes:

- 2024, 2021 and 2018 *International Building Code® (IBC)*
- 2024, 2021 and 2018 *International Residential Code®* (IRC)

Properties evaluated:

- Structural
- Transverse wind load
- Air Leakage
- Water Resistance

1.2 Evaluation of the following green code:

- 2025 *California Green Building Standards Code (CALGreen)*, Title 24, Part 11

Attributes verified:

- See Section 2.0.

2.0 USES

The TMP metal siding are used as an exterior veneer on exterior walls and soffits of all types of construction.

The attributes of the metal siding have been verified as conforming to the provisions of CALGreen Section A5.406.1.2 for reduced maintenance. Note that decisions on compliance for those areas rest with the user of this report. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions, and the verification of those conditions is outside the scope of this report. These codes or standards often provide supplemental information as guidance.

3.0 DESCRIPTION

3.1 General: The TMP metal siding (panels) are formed from cold-formed steel or aluminum conforming to the product specifications, galvalume or zinc coatings, and base-metal thicknesses noted in Table 1. The clips used to attach the siding to the supporting wall structure are made from materials conforming to the product

specifications and base metal thicknesses noted in Table 2. See Figures 1-1 through 1-88 for metal siding. See Figures 2, 3, 4 and 5 for clip details.

3.2 Supporting Members: The metal siding must be supported and attached to either cold-formed steel or wood supports as described in Section 3.2.1 and 3.2.2.

3.2.1 Cold-formed Steel Framing: The cold-formed steel framing members supporting the siding are C-shaped, Z-shaped or Hat-shaped, fabricated from a minimum 20 ga. [0.033-inch (0.84 mm) base-metal thickness) sheet steel, conforming to ASTM A653, minimum Grade 50 with a G90 zinc coating designation. The attachment of the siding to the steel support and the attachment of the steel support to the structure must be designed by registered design professional.

3.2.2 Wood Support: The wood members supporting the siding must be dimensional lumber or plywood sheathing. The plywood sheathing must have a minimum thickness of $^{15}/_{32}$-inch (11.9 mm) and a minimum span rating of 24/16, conforming to US DOC PS-1 in accordance with IBC Table 2303.1.5. The attachment of the siding to the wood support and the wood support to the structure must be designed by registered design professional.

3.3 Fasteners: The fasteners used to attach the metal siding to the supporting members must be corrosion resistant screws and sized as determined by the registered design professional. See Figures 1-1 through 1-88 and Table 3 for additional information.

4.0 DESIGN AND INSTALLATION

4.1 Design: The allowable wind pressures reported in Figures 1-1 through 1-88 must not be exceeded. The wall structure supporting the siding must be designed by a registered design professional to resist the applied forces resulting from the siding.

4.2 Installation:

4.2.1 General: Installation of the TMP metal siding must be in accordance with this report, IBC Section 1403.5 or IRC Section R703.3 and Table R703.3(1), and the manufacturer's published installation instructions. The manufacturer's installation instructions must be available at the jobsite at all times during installation.

The siding must be installed in accordance with the details provided in Figures 1-1 through 1-88 and Table 3 of this report. Siding panels may be installed vertically or horizontally.

4.2.2 Water-resistive barrier: Where required by code, a code-complying water-resistive barrier must be installed behind the siding.

4.2.3 Air Leakage: When tested in accordance with ASTM E283, the wall assembly constructed using the metal siding has an air leakage rate as indicated in Table 3 of this report. The siding must be installed in accordance with the provisions included in Table 3 of this report. The sidelap of the siding must be sealed with butyl tape or caulking sealant in accordance with manufacturer's installation instructions.

4.2.4 Water Resistance: When tested in accordance with ASTM E331, the wall assembly constructed using the metal siding show no water penetration as indicated in Table 3 of this report when subjected to a test period of 15 minutes. The siding must be installed in accordance with the provisions included in Table 3 of this report. The sidelap of the siding must be sealed with butyl tape or caulking sealant in accordance with manufacturer's installation instructions.

5.0 CONDITIONS OF USE:

The Taylor Metal Products metal siding described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 Installation must comply with the applicable code, this report and the manufacturer's published installation instructions. In the event of conflict between this report and the manufacturer's instructions, the most stringent governs.

5.2 A water-resistive barrier must be provided as required by the applicable code.

5.3 For the steel siding, where installed on noncombustible substrate (such as steel, concrete or masonry) of exterior walls greater than 40 feet in Types I, II, III or IV construction and the only combustible material is the water-resistive barrier, the water-resistive barrier must comply with Exception 1 of 2024 IBC Section 1402.6 (2021 and 2018 IBC Section 1402.5). For the aluminum siding, where installed on noncombustible substrate (such as steel, concrete or masonry) of exterior walls greater than 40 feet in Types I, II, III or IV construction and the only combustible material is the water-resistive barrier, the water-resistive barrier must comply with Exception 2 of 2024 IBC Section 1402.6 (2021 and 2018 IBC Section 1402.5).

5.4 Design wind pressures must not exceed the allowable wind pressures listed in Figures 1-1 through 1-88.

5.5 The allowable wind pressures listed in Figures 1-1 through 1-88 are for the siding only. The wall structure to which the siding is attached must be designed by a registered design professional for the applicable components and cladding wind loads in accordance with the IBC or IRC, as applicable.

5.6 Calculations demonstrating that the required wind resistance is less than the allowable wind resistance must be submitted to the code official.

5.7 The metal siding are manufactured under an approved quality control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

6.1 Manufacturer's product brochures and installation instructions.

6.2 Engineering calculations by a registered design professional.

6.3 Data in accordance with ASTM E136, ASTM E330, ASTM E1592, ASTM E283 and ASTM E331.

6.4 Quality documentation in accordance with the ICC-ES Acceptance Criteria for Quality Documentation (AC10).

7.0 IDENTIFICATION

7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-5045) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.

7.2 In addition, the siding are identified with a label bearing the product name, the material type and the manufacturer's name (Taylor Metal, Inc. dba TAYLOR METAL PRODUCTS).

7.3 The report holder's contact information is the following:

TAYLOR METAL, INC.
(dba TAYLOR METAL PRODUCTS)
4566 RIDGE DRIVE NE
SALEM, OREGON 97301
(503) 581-8338
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TABLE 1—TAYLOR METAL SIDING SPECIFICATIONS

PANEL	MATERIAL			MIN. BASE METAL THICKNESS (inch)
	Specification	Classification	Coating	
PBR 36” width (See Figure 1-1)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 80 (26 gauge only)	AZ50-Painted AZ55-Unpainted G90	0.018 (26 gauge) 0.0224 (24 gauge) 0.0281 (22 gauge)
	ASTM B209	3003-H14	N/A	0.032
HR-34 34” width (See Figures 1-2 and 1-3)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 80 (26 gauge only) SS Grade 33 (20 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.018 (26 gauge) 0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040
Classic 7/8 Corrugated 37.33” width (See Figures 1-4 and 1-5)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 80 (26 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.018 (26 gauge) 0.0224 (24 gauge) 0.0281 (22 gauge)
	ASTM B209	3003-H14	N/A	0.032
TR-7.2 36” width (See Figure 1-6)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge)0.0451 (18
	ASTM B209	3003-H14	N/A	0.032, 0.040 and 0.050
GR-7 36” width (See Figure 1-7)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.018 (26 gauge) 0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
Max Corr 37¼” width (See Figure 1-8)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 80 (26 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.018 (26 gauge) 0.0224 (24 gauge) 0.0281 (22 gauge)
BR-36 36” width (See Figures 1-9 and 1-10)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040 0.050
TMP Litewall .625-4.5-36 36” width (See Figure 1-11)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
TMP 1.5-6-36 36” width (See Figure 1-12)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
TMP 2-8-32 32” width (See Figure 1-13)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)

PANEL	MATERIAL			MIN. BASE METAL THICKNESS (inch)
	Specification	Classification	Coating	
TMP 3-6-24 24" width (See Figure 1-14)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
TMP 3-8-24 24" width (See Figure 1-15)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
Contour Series C-5 (IC60-12, NX1) 12" width (See Figures 1-16 and 1-17)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040
Contour Series C-7 1¼" (CR-A, CT-4, IC80-12, NX-10) 12" width (See Figure 1-18)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040
Contour Series C-7 1" (CR-A, CT-4, IC80-12, NX-10) 12" width (See Figure 1-19)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
Contour Series C-8 (IC90-12) 12" width (See Figure 1-20)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040
Contour Series C-1/CE-A (CI-2-16) 16" width (See Figures 1-21 and 1-22)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040
Contour Series C-B (CE-B) 16" width (See Figure 1-23)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C-C (CE-C) 16" width (See Figure 1-24)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C-D (CE-D) 12" width (See Figure 1-25)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)

PANEL	MATERIAL			MIN. BASE METAL THICKNESS (inch)
	Specification	Classification	Coating	
Contour Series C-E (CE-E) 8” width (See Figure 1-26)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C1-A (CT-12) 16” width (See Figure 1-27)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C1-B (CI-6-12, CT-11) 12” width (See Figure 1-28)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C1-C (CT-10) 16” width (See Figure 1-29)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C1-D (CT-9) 12” width (See Figure 1-30)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C-2 (CI-3B-16) 16” width (See Figure 1-31)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C2-A (AS-B-12) 12” width (See Figure 1-32)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C2-B (AS-C-12) 12” width (See Figure 1-33)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C2-C (AS-D-12) 12” width (See Figure 1-34)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C2-D (AS-E-12) 12” width (See Figure 1-35)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C2-E (AS-A-12) 12” width (See Figure 1-36)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)

PANEL	MATERIAL			MIN. BASE METAL THICKNESS (inch)
	Specification	Classification	Coating	
Contour Series C-3 16” width (See Figure 1-37)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C-4 16” width (See Figure 1-38)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C5-A (CT-2) 16” width (See Figure 1-39)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C-6 (NX-2) 16” width (See Figure 1-40)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040 0.050
Contour Series C6-A (CT-1) 12” width (See Figure 1-41)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C8-A (CT-3) 12” width (See Figure 1-42)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C8-B (CT-8) 16” width (See Figure 1-43)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C9-A (NX-3A) 12” width (See Figure 1-44)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C-9 (NX-3) 12” width (See Figure 1-45)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.040 0.050
Contour Series C-10 (NX-4, CM-2) 12” width (See Figure 1-46)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.040 0.050

PANEL	MATERIAL			MIN. BASE METAL THICKNESS (inch)
	Specification	Classification	Coating	
Contour Series CR-B (CT-5) 12” width (See Figure 1-47)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series 1” CR-C (NX-9, CT-6) 12” width (See Figure 1-48)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series 1.5” CR-C (NX-9, CT-6) 12” width (See Figure 1-49)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series 1” CR-D (CT-7) 12” width (See Figure 1-50)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series 1.5” CR-D (CT-7) 12” width (See Figure 1-51)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series CR-E (NX-8, IC70-12) 12” width (See Figure 1-52)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040
Contour Series CR-F (NX-7) 12” width (See Figure 1-53)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.040 0.050
Contour Series CR-G (NX-11) 12” width (See Figure 1-54)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
	ASTM B209	3003-H14	N/A	0.040 0.050
Chevron V 12” width (See Figures 1-55 and 1-56)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Chevron W 12” width (See Figures 1-57 and 1-58)	ASTM A792 ASTM A653	SS Grade 50 SS Grade 33 (20 gauge only)	AZ50 Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge)
SmoothWall 100 12” width (See Figures 1-59 and 1-60)	ASTM A792 ASTM A653	SS Grade 50	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0359 (20 gauge)
	ASTM B209	3003-H14	N/A	0.032 0.040
SmoothWall 150 12” width (See Figures 1-61 and 1-62)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)

PANEL	MATERIAL			MIN. BASE METAL THICKNESS (inch)
	Specification	Classification	Coating	
	ASTM B209	3003-H14	N/A	0.032 0.040
TMP 2-6-30 30” width (See Figures 1-63 and 1-64)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
TMP 3-12-36 36” width (See Figure 1-65)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Integral Series CI-2-12 12” width (See Figure 1-66)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Integral Series CI-3-12 12” width (See Figure 1-67)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Integral Series CI-4-12 12” width (See Figure 1-68)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Integral Series CI-7-12 12” width (See Figure 1-69)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Integral Series CI-7-16 16” width (See Figure 1-70)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Integral Series CI-8-12 12” width (See Figure 1-71)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Integral Series CI-9-12 12” width (See Figure 1-72)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Integral Series CI-9-16 16” width (See Figure 1-73)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Contour Series C-META (CT-2-12) 12” width (See Figure 1-74)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
TMP Lite Wall .75-4-32 32” width (See Figures 1-75 and 1-76)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
TMP Lite Wall .75-6-36 36” width (See Figures 1-77 and 1-78)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
Shadowline 12-3 15” width (See Figure 1-79)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)

PANEL	MATERIAL			MIN. BASE METAL THICKNESS (inch)
	Specification	Classification	Coating	
ZigZag 14” width (See Figure 1-80)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
TMP 10 Alpha 28” width (See Figures 1-81 and 1-82)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
TMP 10 Beta 30” width (See Figures 1-83 and 1-84)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
TMP 10 Charlie 30” width (See Figures 1-85 and 1-86)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)
TMP 10 Delta 36” width (See Figures 1-87 and 1-88)	ASTM A792	SS Grade 50 SS Grade 33 (20 and 18 gauge only)	AZ50- Painted AZ55- Unpainted G90	0.0224 (24 gauge) 0.0281 (22 gauge) 0.0341 (20 gauge) 0.0451 (18 gauge)

For **SI:** 1 inch = 25.4 mm.

TABLE 2—TAYLOR METAL ROOF PANEL CLIP SPECIFICATIONS

CLIP	MATERIAL			MIN. BASE STEEL THICKNESS (inch)
	Specification	Classification	Coating	
Standard Contour Clip	Galvanized Steel	18 ga. steel ASTM A653 Grade 50	G90	0.048
Standard Contour Express Clip	Galvanized Steel	18 ga. steel ASTM A653 Grade 50	G90	0.048
High Wind Clips (SWC-12)	Galvanized Steel	16 ga. steel ASTM A653 Grade 50	G90	0.054
Shadowline Clip (SWCSL-12)	Galvanized Steel	16 ga. steel ASTM A653 Grade 50	G90	0.054
ZigZag Clip	Galvanized Steel	22 ga or 24 ga. steel ASTM A653 or ASTM A792 Grade 50	ASTM A653 G90 ASTM A792 AZ-50 or AZ-55	0.0236 (24 ga) 0.0285 (22 ga)

For **SI:** 1 inch = 25.4 mm.

TABLE 3—AIR AND WATER LEAKAGE RESULTS FOR METAL SIDING PROFILES

TAYLOR METAL SIDING PANEL	SIDING SEAM INSTALLATION	AIR LEAKAGE RESULTS PER ASTM E283	WATER LEAKAGE RESULTS PER ASTM E331
36” wide PBR Prepainted 24 ga. G-90 Galvanized	No. 12 by 7/8-inch screws with neoprene washers at 12 inches on center and continuous bead of butyl sealant installed per manufacturer’s installation instructions	<0.01 cfm/ft^2 at 25 psf	Pass at 50 psf for 15 minutes
36” wide BR-36 Prepainted 24 ga. G-90 Galvanized	No. 12 by 7/8-inch screws with neoprene washers and continuous bead of butyl sealant installed per manufacturer’s installation instructions	<0.01 cfm/ft^2 at 25 psf	Pass at 50 psf for 15 minutes
37.33” wide Classic 7/8 Corrugated Prepainted 24 ga. G-90 Galvanized	No. 12 by 7/8-inch screws with neoprene washers and continuous bead of butyl sealant installed per manufacturer’s installation instructions	0.01 cfm/ft^2 at 25 psf	Pass at 50 psf for 15 minutes
34” wide HR-34 Prepainted 24 ga. G-90 Galvanized	No. 12 by 7/8-inch screws with neoprene washers and continuous bead of butyl sealant installed per manufacturer’s installation instructions	<0.01 cfm/ft^2 at 25 psf	Pass at 50 psf for 15 minutes
16” wide Contour Series C-1/CE-A (screw flange attachment) Prepainted 24 ga. G-90 Galvanized	Installation of siding per manufacturer’s installation instructions with continuous bead of butyl sealant installed at seams per manufacturer’s installation instructions	<0.01 cfm/ft^2 at 12 psf	Pass at 20.5 psf for 15 minutes
16” wide Contour Series C-1/CE-A (clip attachment) Prepainted 24 ga. G-90 Galvanized	Installation of siding per manufacturer’s installation instructions with continuous bead of butyl sealant installed at seams per manufacturer’s installation instructions	0.07 cfm/ft^2 at 12 psf	Pass at 20.5 psf for 15 minutes
12” wide SmoothWall Prepainted 24 ga. G-90 Galvanized	Installation of siding per manufacturer’s installation instructions with continuous bead of butyl sealant installed per manufacturer’s installation instructions	0.01 cfm/ft^2 at 25 psf	Pass at 25 psf for 15 minutes
12” wide Contour Series- C-5 (clip attachment) Prepainted 24 ga. G-90 Galvanized	Installation of siding per manufacturer’s installation instructions with continuous bead of butyl sealant installed per manufacturer’s installation instructions	<0.01 cfm/ft^2 at 12 psf	Pass at 40 psf for 15 minutes

For SI: 1 inch= 25.4 mm, 1 cfm/ft^2= 5.08 l/s*m^2 , 1 psf= 47.9 Pa.

NOTES TO ALLOWABLE NEGATIVE AND POSITIVE LOAD TABLES SHOWN IN FIGURES 1-1 THROUGH 1-88

ALLOWABLE NEGATIVE LOAD TABLES

1. Theoretical section properties for steel panels have been calculated per AISI S100 Specification for the Design of Cold-Formed Steel Structural Members. Theoretical section properties for aluminum panels have been calculated per Aluminum Design Manual.

2. Tabulated allowable negative load values are based on ASTM E1592 testing divided by a factor of safety of 2.0.

3. Tabulated allowable negative loads do not consider panel connection to structural support. The fastener connection strength must be determined by registered design professional.

4. The panels must be supported in accordance with Section 3.2 of this report.

5. Panels must be installed with the fastener and/or clip configuration shown in the corresponding figures.

6. The panel span for the PBR, HR-34, Classic Corrugated 7/8, TR-7.2, GR-7, Max Corr, BR-36, TMP Litewall Series, TMP 2-6-30 and 3-12-36 and T10 Series metal siding panels represent the maximum supporting structure spacing. The panel span for the Contour Series, SmoothWall, Chevron, Shadowline and ZigZag metal siding panels represent the maximum spacing for attachment of the flange to supporting structure along the seam.

ALLOWABLE POSITIVE LOAD TABLES

1. Theoretical section properties for Steel panels have been calculated per 2020 AISI S100 North American Specification for the Design of Cold-Formed Steel Structural Member. Ixx and Sxx are effective section properties for deflection and bending.

2. Theoretical section properties for Aluminum panels have been calculated per 2020 Aluminum Design Manual (ADM). Ixx and Sxx are effective section properties for deflection and bending.

3. Tabulated allowable loads for Steel panels are calculated in accordance with 2020 AISI S100 specifications considering bending, shear, combined bending and shear and deflection. Tabulated allowable load considers a 3 or more equal span condition.

4. Tabulated allowable load does not address panel weight, fasteners, connection strength of supporting member. The connection of the panels to structural supports must be designed by registered design professional.

5. Allowable load includes web crippling. The panels are assumed to bear on a minimum support width of 2.5 inches (63 mm).

6. Tabulated load values are based on deflection limit at L/60 in accordance with IBC Table 1604.3.

7. Tabulated allowable load values are based on analysis in accordance with 2020 AISI S100 and 2020 ADM.

8. No further increases are permitted to tabulated load values.

9. When panels are installed over solid or closely fitted sheathing, the capacity is limited to the capacity of the underlying sheathing.

7. The panel span for the PBR, HR-34, Classic Corrugated 7/8, TR-7.2, GR-7, Max Corr, BR-36, TMP Litewall Series, TMP 2-6-30 and 3-12-36 and T10 Series metal siding panels represent the maximum supporting structure spacing. The panel span for the Contour Series, SmoothWall, Chevron, Shadowline and ZigZag metal siding panels represent the maximum spacing for attachment of the flange to supporting structure along the seam.

PBR

Panel profile and Fastening Schedule

Minimum six (6) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screws at 12" OC.

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	2'	2.5'	3'	3.5	4'	4.5'	5'
36	26	80	0.85	0.0453	0.0399	0.0448	0.0267	0.0321	0.0391	100.0	92.5	85.0	77.5	70.0	62.5	55.0
36	24	50	1.19	0.0633	0.0555	0.0639	0.0363	0.0441	0.0553	175.0	156.7	138.3	120.0	101.7	83.3	65.0
36	22	50	1.51	0.0867	0.0761	0.0989	0.0500	0.0606	0.0751	200.0	178.3	156.7	135.0	113.3	91.7	70.0
36	0.032"	19	0.52	0.0967	0.0967	0.0990	0.0967	0.0967	0.3023	187.5	165.5	143.3	121.3	99.2	77.1	55.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	2'	2.5'	3'	3.5	4'	4.5'	5'	5.5'	6'	8'
36	26	80	0.85	0.0453	0.0399	0.0448	0.0267	0.0321	0.0391	192.3	153.8	128.2	109.9	96.1	77.2	62.6	51.7	43.4	24.4
36	24	50	1.19	0.0633	0.0555	0.0639	0.0363	0.0441	0.0553	191.4	153.1	127.6	109.4	86.4	68.3	55.3	45.7	38.4	21.6
36	22	50	1.51	0.0867	0.0761	0.0989	0.0500	0.0606	0.0751	306.4	245.1	204.2	153.3	117.3	92.7	75.1	62.1	52.2	29.3
36	.032"	19	0.52	0.0967	0.0967	0.0990	0.0967	0.0967	0.3023	40.4	32.3	26.9	23.1	20.2	17.9	16.2	14.7	13.5	10.1

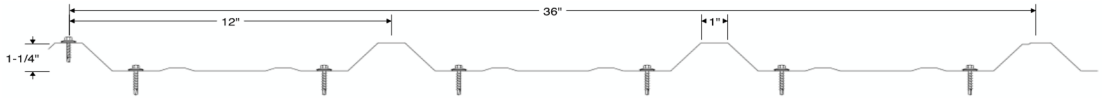


FIGURE 1—1 PBR PANEL

HR-34

Panel profile and Fastening Schedule

Minimum three (3) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screws at 12" OC.

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
34	26	80	0.96	0.0702	0.0694	0.0699	0.0675	0.0683	0.0830	87.5	80.4	73.3	66.3	59.2	52.1	45.0
34	24	50	1.18	0.1060	0.1067	0.1233	0.1085	0.1078	0.1337	100.0	90.8	81.7	72.5	63.3	54.2	45.0
34	22	50	1.46	0.1307	0.1317	0.1539	0.1343	0.1333	0.1681	100.0	90.8	81.7	72.5	63.3	54.2	45.0
34	20	33	1.76	0.1767	0.1777	0.2140	0.1802	0.1792	0.2200	105.0	95.8	86.7	77.5	68.3	59.2	50.0
34	0.032"	19	0.52	0.1690	0.1690	0.2390	0.1690	0.1690	0.2070	112.5	100.8	89.7	78.5	67.3	56.2	45.0
34	0.040"	19	0.65	0.2120	0.2120	0.2970	0.2120	0.2120	0.2570	100.0	90.0	80.0	70.0	60.0	50.0	40.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	2'	2.5'	3'	3.5	4'	4.5'	5'	5.5'	6'	8'
34	26	80	0.96	0.0702	0.0694	0.0699	0.0675	0.0683	0.0830	234.6	187.6	156.4	134.0	117.3	104.2	93.8	85.3	77.7	43.7
34	24	50	1.18	0.1060	0.1067	0.1233	0.1085	0.1078	0.1337	243.6	194.9	162.4	139.2	121.8	108.3	97.5	88.6	81.2	48.2
34	22	50	1.46	0.1307	0.1317	0.1539	0.1343	0.1333	0.1681	318.2	254.6	212.1	181.8	159.1	141.4	127.3	115.7	106.1	60.1
34	20	33	1.76	0.1767	0.1777	0.2140	0.1802	0.1792	0.2200	380.0	304.0	253.3	217.1	190.0	168.9	142.7	117.9	99.1	55.7
34	0.032"	19	0.52	0.1690	0.1690	0.2390	0.1690	0.1690	0.2070	63.2	50.6	42.1	36.1	31.6	28.1	25.3	229.0	21.1	
34	0.040"	19	0.65	0.2120	0.2120	0.2970	0.2120	0.2120	0.2570	98.6	78.9	65.8	56.4	49.3	43.8	39.5	35.9	32.9	24.7

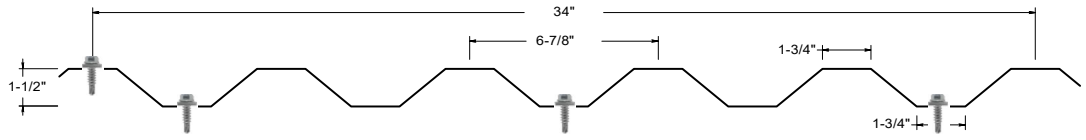


FIGURE 1—2 HR-34 PANELS (3 SCREWS)

HR-34 with 5 screws

Panel Profile and fastening schedule

Minimum five (5) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various fastener spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
34	26	80	0.96	0.0702	0.0694	0.0699	0.0675	0.0683	0.0830	175.0	157.5	140.0	122.5	105.0	87.5	70.0
34	24	50	1.18	0.1060	0.1067	0.1233	0.1085	0.1078	0.1337	200.0	180.0	160.0	140.0	120.0	100.0	80.0
34	22	50	1.46	0.1307	0.1317	0.1539	0.1343	0.1333	0.1681	200.0	178.3	156.7	135.0	113.3	91.7	70.0
34	20	33	1.76	0.1767	0.1777	0.2140	0.1802	0.1792	0.2200	200.0	179.2	158.3	137.5	116.7	95.8	75.0
34	0.032"	19	0.52	0.1690	0.1690	0.2390	0.1690	0.1690	0.2070	120.0	108.3	96.7	85.0	73.3	61.7	50.0
34	0.040"	19	0.65	0.2120	0.2120	0.2970	0.2120	0.2120	0.2570	200.0	177.1	154.2	131.3	108.3	85.4	62.5

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various fastener spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
34	26	80	0.96	0.0702	0.0694	0.0699	0.0675	0.0683	0.0830	469.1	234.6	156.4	117.3	93.8	77.7	57.1	43.7	34.5	28.0
34	24	50	1.18	0.1060	0.1067	0.1233	0.1085	0.1078	0.1337	723.6	361.8	241.2	180.9	123.3	85.6	62.9	48.2	38.1	30.8
34	22	50	1.46	0.1307	0.1317	0.1539	0.1343	0.1333	0.1681	636.4	318.2	212.1	159.1	127.3	106.1	78.5	60.1	47.5	38.5
34	20	33	1.76	0.1767	0.1777	0.2140	0.1802	0.1792	0.2200	814.6	407.3	271.5	203.6	142.7	99.1	72.8	55.7	44-03	35.7
34	0.032"	19	0.52	0.1690	0.1690	0.2390	0.1690	0.1690	0.2070	126.4	63.2	42.1	31.6	25.3	21.1	18.1	15.8	14.0	12.6
34	0.040"	19	0.65	0.2120	0.2120	0.2970	0.2120	0.2120	0.2570	197.3	98.6	65.8	49.3	39.5	32.9	28.2	24.7	21.9	19.7

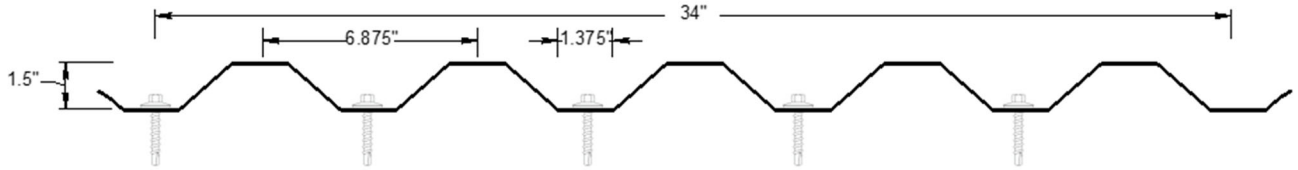


FIGURE 1—3 HR-34 PANELS (5 SCREWS)

Classic Corrugated with 5 screws

Panel Profile and fastening schedule

Minimum five (5) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES				ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)						
				Top in Compression		Bottom in Compression		Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	S_{xx} in^3/ft	2'	2.5'	3'	3.5	4'	4.5'	5'
37.33	26	80	1.02	0.0250	0.0570	0.0250	0.0570	110.0	100.4	90.8	81.3	71.7	62.1	52.5
37.33	24	50	1.33	0.0240	0.0777	0.0240	0.0777	117.5	108.3	99.2	90.0	80.8	71.7	62.5
37.33	22	50	1.73	0.0400	0.0914	0.0400	0.0914	150.0	135.4	120.8	106.3	91.7	77.1	62.5
37.33	0.032"	19	0.451	0.0450	0.1030	0.0450	0.1030	55.0	50.8	46.7	42.5	38.3	34.2	30.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOAD, psf For various support spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Positive Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (stiff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (stiff)}$ in^4/ft.	S_{xx} in^3/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'	5.5'	6'
37.33	26	80	1.02	0.0250	0.0250	0.0570	0.0250	0.0250	0.0570	356.3	228.0	158.3	116.3	89.1	70.4	57.0		
37.33	24	50	1.33	0.0240	0.0240	0.0777	0.0240	0.0240	0.0777	485.6	310.8	215.8	158.6	121.4	95.9	77.7	64.2	54.0
37.33	22	50	1.73	0.0400	0.0400	0.0914	0.0400	0.0400	0.0914	571.3	365.6	253.9	186.5	142.8	112.8	91.4	75.5	63.5
37.33	0.032"	19	0.451	0.0450	0.0450	0.1030	0.0450	0.0450	0.1030	244.6	156.6	108.7	79.9	61.2	48.3			

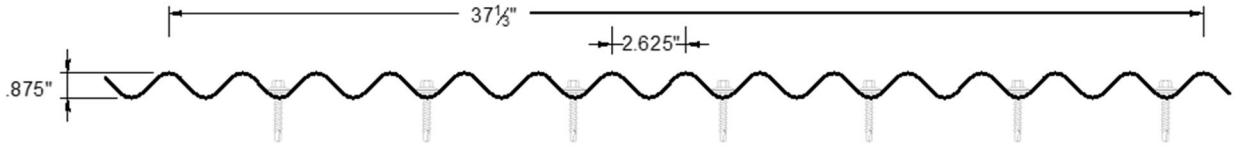


FIGURE 1—4 CLASSIC CORRUGATED PANELS (5 SCREWS)

Classic Corrugated with 7 screws

Panel Profile and fastening schedule

Minimum seven (7) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES				ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression		Bottom in Compression		Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	S_{xx} in^3/ft	2'	2.5'	3'	3.5	4'	4.5'	5'
37.33	26	80	1.02	0.0250	0.0570	0.0250	0.0570	162.5	162.5	162.5	162.5	162.5	162.5	162.5
37.33	24	50	1.33	0.0240	0.0777	0.0240	0.0777	162.5	108.3	99.2	90.0	80.8	71.7	75.0
37.33	22	50	1.73	0.0400	0.0914	0.0400	0.0914	175.0	159.2	143.3	127.5	111.7	95.8	80.0
37.33	0.032"	19	0.451	0.0450	0.1030	0.0450	0.1030	175.0	155.0	135.0	115.0	95.0	75.0	55.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various fastener spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Positive Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (stiff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (stiff)}$ in^4/ft.	S_{xx} in^3/ft	2'	2.5'	3'	3.5"	4'	4.5'	5'	5.5'	6'
37.33	26	80	1.02	0.0250	0.0250	0.0570	0.0250	0.0250	0.0570	356.3	228.0	158.3	116.3	89.1	70.4	57.0		
37.33	24	50	1.33	0.0240	0.0240	0.0777	0.0240	0.0240	0.0777	485.6	310.8	215.8	158.6	121.4	95.9	77.7	64.2	54.0
37.33	22	50	1.73	0.0400	0.0400	0.0914	0.0400	0.0400	0.0914	571.3	365.6	253.9	186.5	142.8	112.8	91.4	75.5	63.5
37.33	0.032"	19	0.451	0.0450	0.0450	0.1030	0.0450	0.0450	0.1030	244.6	156.6	108.7	79.9	61.2	48.3			

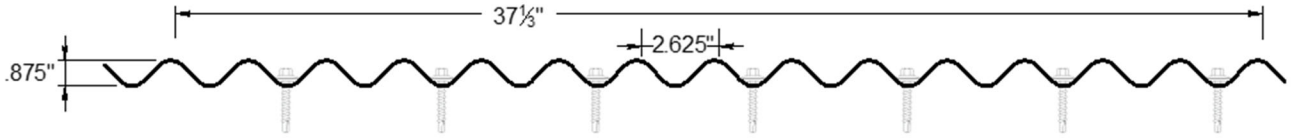


FIGURE 1—5 CLASSIC CORRUGATED PANELS (7 SCREWS)

TR-7.2 with 5 screws

Panel Profile and fastening schedule

Minimum five (5) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
36	24	50	1.21	0.1100	0.1100	0.1297	0.1100	0.1100	0.1221	150.0	139.4	128.8	118.1	107.5	96.9	86.3	75.6	65.0
36	22	50	1.46	0.1400	0.1390	0.1663	0.1370	0.1380	0.1557	150.0	139.4	128.8	118.1	107.5	96.9	86.3	75.6	65.0
36	20	33	1.88	0.1870	0.1860	0.2380	0.1830	0.1840	0.2220	150.0	139.4	128.8	118.1	107.5	96.9	86.3	75.6	65.0
36	18	33	2.44	0.2600	0.2590	0.3350	0.2570	0.2580	0.3170	150.0	139.4	128.8	118.1	107.5	96.9	86.3	75.6	65.0
36	0.032"	19	0.58	0.1900	0.1900	0.2570	0.1900	0.1900	0.2430	110.0	99.4	88.8	78.1	67.5	56.9	46.3	35.6	25.0
37	0.040"	19	0.72	0.2370	0.2370	0.3180	0.2370	0.2370	0.3010	110.0	99.4	88.8	78.1	67.5	56.9	46.3	35.6	25.0
38	0.050"	19	0.91	0.2930	0.2930	0.3940	0.2930	0.2930	0.4450	110.0	99.4	88.8	78.1	67.5	56.9	46.3	35.6	25.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	24	50	1.21	0.1100	0.1100	0.1297	0.1100	0.1100	0.1221	997.3	498.6	332.4	190.8	122.1	84.8	62.3	47.7	37.7	30.5
36	22	50	1.46	0.1400	0.1390	0.1663	0.1370	0.1380	0.1557	1340.9	670.45	434.5	243.28	155.7	108.12	79.44	60.8	48.1	38.9
36	20	33	1.88	0.1870	0.1860	0.2380	0.1830	0.1840	0.2220	1077.3	538.64	359.09	231.3	148.0	102.8	75.51	57.8	45.7	37.0
36	18	33	2.44	0.2600	0.2590	0.3350	0.2570	0.2580	0.3170	1860.9	930.5	587.0	330.21	211.33	146.76	107.82	82.55	65.2	52.8
36	0.032"	19	0.58	0.1900	0.1900	0.2570	0.1900	0.1900	0.2430	147.3	73.6	49.1	36.8	29.5	24.6	19.63	15.0	11.9	
36	0.040"	19	0.72	0.2370	0.2370	0.3180	0.2370	0.2370	0.3010	246.4	123.2	82.1	61.6	49.3	41.1	30.56	23.4	18.5	15.0
36	0.050"	19	0.91	0.2930	0.2930	0.3940	0.2930	0.2930	0.4450	384.6	192.3	128.2	96.1	76.9	63.0	46.3	35.45	28.0	22.7

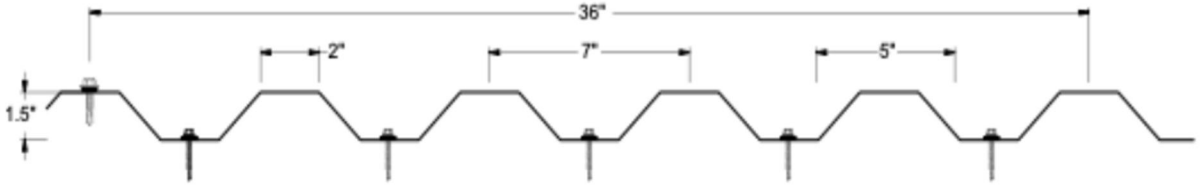


FIGURE 1—6 TR-7.2 PANELS (5 SCREWS)

GR-7 with 6 screws

Panel Profile and fastening schedule

Minimum six (6) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Negative Load (Outward) S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
36	26	50	0.83	0.0153	0.0135	0.0312	0.0090	0.0108	0.0264	0.0264	185.0	170.0	155.0	140.0	125.0	110.0	95.0	80.0	65.0
36	24	50	1.06	0.0197	0.0178	0.0395	0.0133	0.0151	0.0348	0.0348	185.0	170.0	155.0	140.0	125.0	110.0	95.0	80.0	65.0
36	22	50	1.25	0.0233	0.0215	0.0467	0.0170	0.0188	0.0422	0.0422	185.0	170.0	155.0	140.0	125.0	110.0	95.0	80.0	65.0
36	20	33	1.53	0.0300	0.0281	0.0567	0.0233	0.0252	0.0542	0.0542	185.0	170.0	155.0	140.0	125.0	110.0	95.0	80.0	65.0
36	18	33	2.00	0.0367	0.0367	0.0731	0.0367	0.0367	0.0719	0.0719	185.0	170.0	155.0	140.0	125.0	110.0	95.0	80.0	65.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	26	50	0.833	0.0153	0.0135	0.0312	0.0090	0.0108	0.0264	660.0	165.0	73.3	41.3	26.4	18.3	13.5	10.3		
36	24	50	1.06	0.0197	0.0178	0.0395	0.0133	0.0151	0.0348	870.0	217.5	96.7	54.4	34.8	24.2	17.76	13.6	10.7	
36	22	50	1.25	0.0233	0.0215	0.0467	0.0170	0.0188	0.0422	1055.0	263.8	117.22	65.9	42.2	29.3	21.53	16.5	13.0	10.6
36	20	33	1.53	0.0300	0.0281	0.0567	0.0233	0.0252	0.0542	903.3	225.8	100.37	56.5	36.1	25.1	18.44	14.1	11.2	
36	18	33	2.00	0.0367	0.0367	0.0731	0.0367	0.0367	0.0719	1198.3	299.6	133.2	74.9	47.9	33.3	24.46	18.72	14.8	12.0
36	0.032"	19	0.53	0.0267	0.0267	0.0527	0.0267	0.0267	0.1350	123.4	30.9	13.7							
36	0.040"	19	0.67	0.0330	0.0330	0.0653	0.0330	0.0330	0.1660	191.6	47.9	21.3	12.0						
36	0.050"	19	0.85	0.0400	0.0400	0.0807	0.0400	0.0400	0.2020	295.9	74.0	32.9	18.5	11.8					

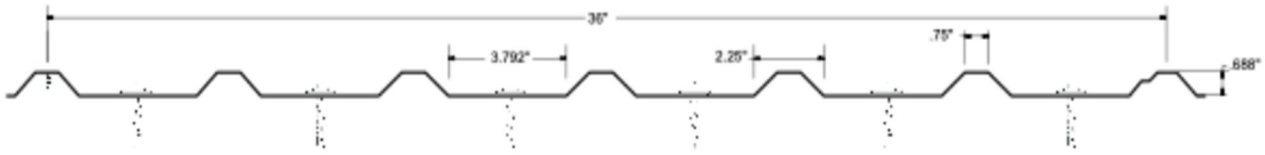


FIGURE 1—7 GR-7 PANELS (6 SCREWS)

Max Cor with 7 screws

Panel Profile and fastening schedule

Minimum seven (7) No. 12 hex-head screws across the panel width at all supports.
Sidelap fasteners are No. 12 hex head screw at 12" OC

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf (For various support spacings (i.e. span values)) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
37-1/4	26	80	0.895	0.0251	0.0251	0.1004	0.0251	0.0251	0.1004	170.0	153.8	137.5	121.5	105.0	88.8	72.6	56.3	40.0
37-1/4	24	50	1.13	0.0336	0.0336	0.1344	0.0336	0.0336	0.1344	170.0	153.8	137.5	121.5	105.0	88.8	72.6	56.3	40.0
37-1/4	22	50	1.36	0.0397	0.0397	0.1588	0.0397	0.0397	0.1588	170.0	153.8	137.5	121.5	105.0	88.8	72.6	56.3	40.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf (For various fastener spacings (i.e. span values)) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
37-1/4	26	80	0.895	0.0251	0.0251	0.1004	0.0251	0.0251	0.1004	4016.0	1004.0	446.2	206.5	105.8	61.2	38.5	25.8	18.1	13.2
37-1/4	24	50	1.13	0.0336	0.0336	0.1344	0.0336	0.0336	0.1344	3360.0	840.0	373.3	210.0	134.0	81.9	51.6	34.6	24.3	17.7
37-1/4	22	50	1.36	0.0397	0.0397	0.1588	0.0397	0.0397	0.1588	3970.0	992.5	441.1	248.1	158.8	96.8	61.0	40.8	28.7	20.9
37-1/4	0.032"	19	0.535	0.0119	0.0119	0.0508	0.0119	0.0119	0.0453	102.0	25.5	11.3							
37-1/4	0.040"	19	0.669	0.0148	0.0148	0.0621	0.0148	0.0148	0.0555	170.3	42.6	18.9	10.6						

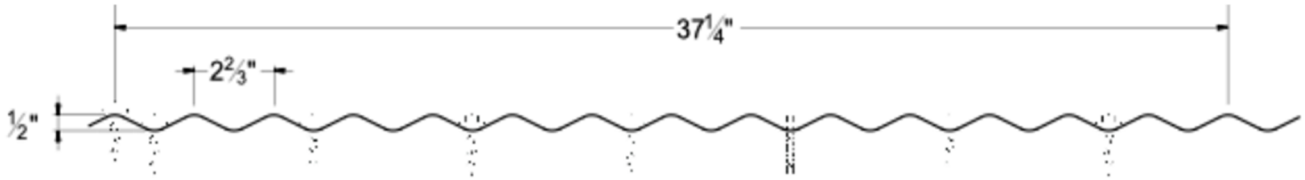


FIGURE 1—8 MAX CORR PANELS (7 SCREWS)

BR-36

Panel profile and Fastening Schedule

Minimum three (3) No. 12 hex-head screws across the panel width at all supports.
Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screws at 12" OC.

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf (For various clip spacings (i.e. span values)) Negative Load 2'	2.5'	3'	3.5	4'	4.5'	5'
36	24	50	1.18	0.1170	0.1070	0.1010	0.0840	0.0936	0.1180	137.5	122.1	106.7	91.3	75.8	60.4	45.0
36	22	50	1.46	0.1470	0.1350	0.1300	0.1070	0.1190	0.1480	100.0	90.0	80.0	70.0	60.0	50.0	40.0
36	20	33	1.76	0.1970	0.1830	0.1950	0.1470	0.1620	0.2080	100.0	89.8	79.7	69.5	59.3	49.2	39.0
36	18	33	2.11	0.2600	0.2474	0.2770	0.2167	0.2293	0.3083	100.0	89.8	79.7	69.5	59.3	49.2	39.0
36	0.032"	19	0.52	0.1867	0.1867	0.2000	0.1867	0.1867	0.3250	55.0	51.7	48.3	45.0	41.7	38.3	35.0
36	0.040"	19	0.65	0.2330	0.2330	0.2490	0.2330	0.2330	0.4037	75.0	69.2	63.3	57.5	51.7	45.8	40.0
36	0.050"	19	0.78	0.3093	0.3093	0.5000	0.3093	0.3093	0.4263	75.0	69.2	63.3	57.5	51.7	45.8	40.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf (For various clip spacings (i.e. span values)) Positive Load 2'	2.5'	3'	3.5	4'	4.5'	5'	5.5'	6'	8'
36	24	50	1.18	0.1170	0.1070	0.1010	0.0840	0.0936	0.1180	490.0	392.0	280.6	206.1	157.8	124.7	101.0	83.5	70.1	39.5
36	22	50	1.46	0.1470	0.1350	0.1300	0.1070	0.1190	0.1480	676.8	520.0	361.1	265.3	203.1	160.5	130.0	107.4	90.3	50.8
36	20	33	1.76	0.1970	0.1830	0.1950	0.1470	0.1620	0.2080	656.8	514.8	357.5	262.7	201.1	158.9	128.7	106.4	89.4	50.3
36	18	33	2.11	0.2600	0.2474	0.2770	0.2167	0.2293	0.3083	1086.4	731.3	507.8	373.1	285.7	225.7	182.8	151.1	127.0	71.4
36	0.032"	19	0.52	0.1867	0.1867	0.2000	0.1867	0.1867	0.3250	106.7	68.3	47.4	34.8	26.7	21.1	17.1	14.1	11.9	6.7
36	0.040"	19	0.65	0.2330	0.2330	0.2490	0.2330	0.2330	0.4037	128.2	102.6	73.8	54.2	41.5	32.8	26.6	22.0	18.4	10.4
36	0.050"	19	0.78	0.3093	0.3093	0.5000	0.3093	0.3093	0.4263	200.0	160.0	114.4	84.1	64.4	50.9	41.2	34.1	28.6	16.1

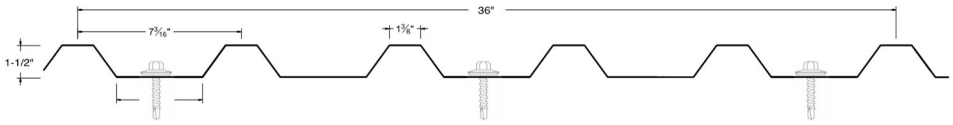


FIGURE 1—9 BR-36 PANELS (3 SCREWS)

BR-36
Panel profile and Fastening Schedule

Minimum five (5) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screws at 12" OC.

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	2'	2.5'	3'	3.5	4'	4.5'	5'
36	24	50	1.18	0.1170	0.1070	0.1010	0.0840	0.0936	0.1180	200.0	179.2	158.3	137.5	116.7	95.8	75.0
36	22	50	1.46	0.1470	0.1350	0.1300	0.1070	0.1190	0.1480	200.0	180.0	160.0	140.0	120.0	100.0	80.0
36	20	33	1.76	0.1970	0.1830	0.1950	0.1470	0.1620	0.2080	170.0	153.1	136.2	119.3	102.3	85.4	68.5
36	18	33	2.11	0.2600	0.2474	0.2770	0.2167	0.2293	0.3083	170.0	153.1	136.2	119.3	102.3	85.4	68.5
36	0.032"	19	0.52	0.1867	0.1867	0.2000	0.1867	0.1867	0.3250	135.0	122.7	110.3	98.0	85.7	73.3	61.0
36	0.040"	19	0.65	0.2330	0.2330	0.2490	0.2330	0.2330	0.4037	171.0	150.8	130.7	110.5	90.3	70.2	50.0
36	0.050"	19	0.78	0.3093	0.3093	0.5000	0.3093	0.3093	0.4263	171.0	150.8	130.7	110.5	90.3	70.2	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	2'	2.5'	3'	3.5	4'	4.5'	5'	5.5'	6'	8'
36	24	50	1.18	0.1170	0.1070	0.1010	0.0840	0.0936	0.1180	490.0	392.0	280.6	206.1	157.8	124.7	101.0	83.5	70.1	39.5
36	22	50	1.46	0.1470	0.1350	0.1300	0.1070	0.1190	0.1480	676.8	520.0	361.1	265.3	203.1	160.5	130.0	107.4	90.3	50.8
36	20	33	1.76	0.1970	0.1830	0.1950	0.1470	0.1620	0.2080	656.8	514.8	357.5	262.7	201.1	158.9	128.7	106.4	89.4	50.3
36	18	33	2.11	0.2600	0.2474	0.2770	0.2167	0.2293	0.3083	1086.4	731.3	507.8	373.1	285.7	225.7	182.8	151.1	127.0	71.4
36	0.032"	19	0.52	0.1867	0.1867	0.2000	0.1867	0.1867	0.3250	106.7	68.3	47.4	34.8	26.7	21.1	17.1	14.1	11.9	6.7
36	0.040"	19	0.65	0.2330	0.2330	0.2490	0.2330	0.2330	0.4037	128.2	102.6	73.8	54.2	41.5	32.8	26.6	22.0	18.4	10.4
36	0.050"	19	0.78	0.3093	0.3093	0.5000	0.3093	0.3093	0.4263	200.0	160.0	114.4	84.1	64.4	50.9	41.2	34.1	28.6	16.1

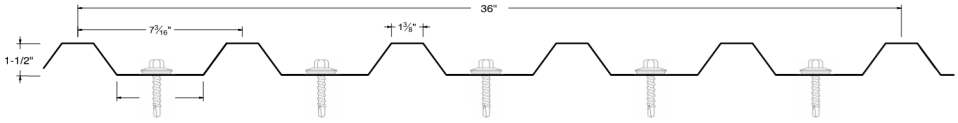


FIGURE 1—10 BR-36 PANELS (5 SCREWS)

TMP Lite Wall .625-4.5-36 with 8 Screws
Panel Profile and fastening schedule

Minimum eight (8) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
36	24	50	1.23	0.0203	0.0224	0.0488	0.0277	0.0255	0.0506	175	162.5	150	137.5	125	112.5	100	87.5	75
36	22	50	1.45	0.0267	0.0286	0.0635	0.0333	0.0314	0.0642	175	162.5	150	137.5	125	112.5	100	87.5	75
36	20	33	1.77	0.0367	0.0396	0.0908	0.0467	0.0438	0.0903	175	162.5	150	137.5	125	112.5	100	87.5	75
36	18	33	2.29	0.0533	0.0552	0.1177	0.0600	0.0581	0.1157	175	162.5	150	137.5	125	112.5	100	87.5	75

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	24	50	1.26	0.0200	0.0191	0.0498	0.0170	0.0178	0.0491	1227.5	306.9	136.4	76.7	49.1	34.1	25.1	19.2	13.8	10.1
36	22	50	1.47	0.0270	0.0258	0.0652	0.0230	0.0242	0.0658	1630.0	407.5	181.1	101.9	65.2	45.3	33.3	25.5	18.6	13.6
36	20	33	1.78	0.0360	0.0342	0.0913	0.0300	0.0317	0.0925	1521.7	380.4	169.1	95.1	60.9	42.3	31.1	23.8	18.8	15.2
36	18	33	2.31	0.0430	0.0430	0.1150	0.0430	0.0430	0.1180	1916.7	479.2	213.0	119.8	76.7	53.2	39.1	30.0	23.7	19.2

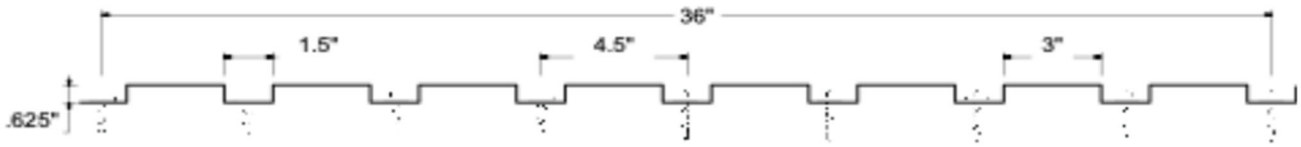


FIGURE 1—11 TMP LITE WALL .625-4.5-36 PANELS (8 SCREWS)

TMP Lite Wall 1.5-6-36 with 6 Screws

Panel Profile and fastening schedule

Minimum six (6) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
36	24	50	1.28	0.1160	0.1130	0.1300	0.1060	0.1090	0.1230	175.0	161.3	147.5	133.8	120.0	106.3	92.5	78.8	65.0
36	22	50	1.52	0.1470	0.1420	0.1640	0.1310	0.1350	0.1570	175.0	161.3	147.5	133.8	120.0	106.3	92.5	78.8	65.0
36	20	33	1.86	0.1970	0.1920	0.2330	0.1800	0.1850	0.2300	175.0	161.3	147.5	133.8	120.0	106.3	92.5	78.8	65.0
36	18	33	2.41	0.2630	0.2600	0.3170	0.2530	0.2560	0.3230	175.0	161.3	147.5	133.8	120.0	106.3	92.5	78.8	65.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	24	50	1.28	0.1160	0.1130	0.1300	0.1060	0.1090	0.1230	1196.4	598.2	341.7	192.2	123.0	85.4	62.8	48.1	38.0	30.8
36	22	50	1.52	0.1470	0.1420	0.1640	0.1310	0.1350	0.1570	1609.1	804.6	436.1	245.3	157.0	109.0	80.1	61.3	48.5	39.3
36	20	33	1.86	0.1970	0.1920	0.2330	0.1800	0.1850	0.2300	1511.8	755.9	425.9	239.6	153.3	106.5	78.2	59.9	47.3	38.3
36	18	33	2.41	0.2630	0.2600	0.3170	0.2530	0.2560	0.3230	2416.4	1208.2	587.0	330.2	211.3	146.8	107.8	82.6	65.2	52.8

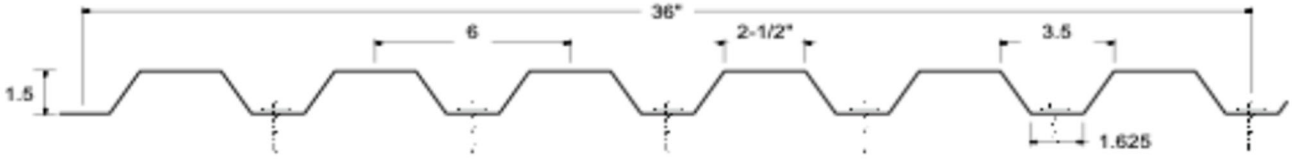


FIGURE 1—12 TMP LITE WALL 1.5-6-36 PANELS (6 SCREWS)

TMP Lite Wall 2-8-32 with 4 Screws

Panel Profile and fastening schedule

Minimum four (4) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
32	24	50	1.44	0.2010	0.1870	0.1470	0.1540	0.1670	0.1350	150.0	140.6	131.3	121.9	112.5	103.1	92.8	83.4	75.0
32	22	50	1.70	0.2730	0.2490	0.1990	0.1910	0.2150	0.1740	150.0	140.6	131.3	121.9	112.5	103.1	92.8	83.4	75.0
32	20	33	2.08	0.3670	0.3380	0.2780	0.2660	0.2950	0.2600	150.0	140.6	131.3	121.9	112.5	103.1	92.8	83.4	75.0
32	18	33	2.70	0.4910	0.4590	0.3740	0.3820	0.4130	0.3590	150.0	140.6	131.3	121.9	112.5	103.1	92.8	83.4	75.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
32	24	50	1.44	0.2010	0.1870	0.1470	0.1540	0.1670	0.1350	1020.9	510.5	340.3	210.9	135.0	93.8	68.9	52.7	41.7	33.8
32	22	50	1.70	0.2730	0.2490	0.1990	0.1910	0.2150	0.1740	1374.6	687.3	458.2	271.9	174.0	120.8	88.8	68.0	53.7	43.5
32	20	33	2.08	0.3670	0.3380	0.2780	0.2660	0.2950	0.2600	1293.6	646.8	431.2	270.8	173.3	120.4	88.4	67.7	53.5	43.3
32	18	33	2.70	0.4910	0.4590	0.3740	0.3820	0.4130	0.3590	2070.9	1035.5	664.8	374.0	239.3	166.2	122.1	93.5	73.9	59.8

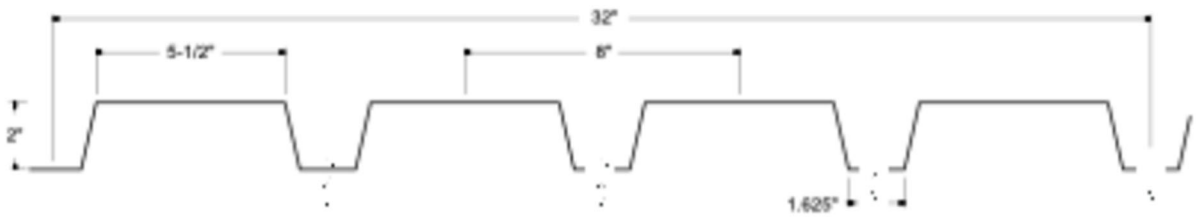


FIGURE 1—13 TMP LITE WALL 2-8-32 PANELS (4 SCREWS)

3-6-24 with 3 Screws

Panel Profile and fastening schedule

Minimum three (3) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
				I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
24	24	50	1.92	0.5620	0.5540	0.3020	0.5360	0.5430	0.2920	195.0	182.5	170.0	157.5	145.0	132.5	120.0	107.5	95.0
24	22	50	2.27	0.7370	0.7290	0.4210	0.7090	0.7170	0.4120	195.0	182.5	170.0	157.5	145.0	132.5	120.0	107.5	95.0
24	20	33	2.77	0.9950	0.9850	0.5980	0.9600	0.9700	0.5860	195.0	182.5	170.0	157.5	145.0	132.5	120.0	107.5	95.0
24	18	33	3.59	1.3650	1.3550	0.8480	1.3320	1.3420	0.8470	195.0	182.5	170.0	157.5	145.0	132.5	120.0	107.5	95.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Positive Load								
				I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
24	24	50	1.92	0.5620	0.5540	0.3020	0.5360	0.5430	0.2920	1355.5	677.7	451.8	338.9	271.1	202.8	149.0	114.1	90.1	73.0
24	22	50	2.27	0.7370	0.7290	0.4210	0.7090	0.7170	0.4120	1828.2	914.1	609.4	457.1	365.6	286.1	212.2	160.9	127.2	103.0
24	20	33	2.77	0.9950	0.9850	0.5980	0.9600	0.9700	0.5860	1724.6	862.3	574.9	431.1	344.9	271.3	199.3	152.6	120.6	97.7
24	18	33	3.59	1.3650	1.3550	0.8480	1.3320	1.3420	0.8470	2767.3	1383.6	922.4	691.8	553.5	392.1	288.1	220.6	174.3	141.2

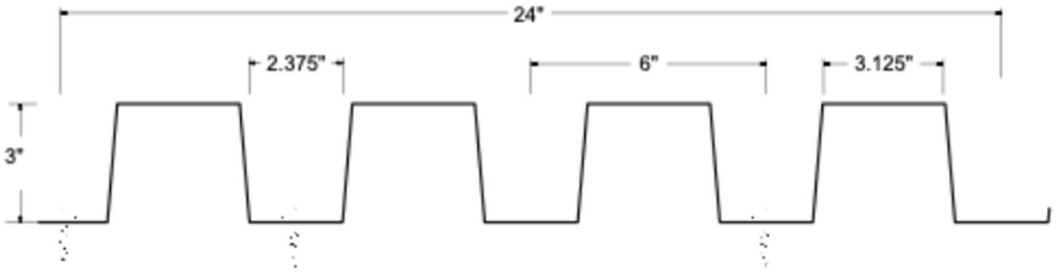


FIGURE 1—14 3-6-24 PANELS (3 SCREWS)

TMP 3-8-24 with 3 Screws

Panel Profile and fastening schedule

Minimum three (3) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
				I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
24	24	50	1.70	0.4370	0.4310	0.1990	0.4190	0.4240	0.2240	195.0	178.8	162.5	146.3	130.0	113.8	97.5	81.3	65.0
24	22	50	2.01	0.5780	0.5710	0.2760	0.5560	0.5620	0.3190	195.0	178.8	162.5	146.3	130.0	113.8	97.5	81.3	65.0
24	20	33	2.46	0.8620	0.8330	0.4480	0.7620	0.7910	0.4620	195.0	178.8	162.5	146.3	130.0	113.8	97.5	81.3	65.0
24	18	33	3.18	1.1950	1.1580	0.6400	1.0700	1.1060	0.6830	195.0	178.8	162.5	146.3	130.0	113.8	97.5	81.3	65.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
				I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
24	24	50	1.70	0.4370	0.4310	0.1990	0.4190	0.4240	0.2240	1016.4	508.2	338.8	254.1	199.0	138.2	101.5	77.7	61.4	49.8
24	22	50	2.01	0.5780	0.5710	0.2760	0.5560	0.5620	0.3190	1370.9	685.5	457.0	342.7	274.2	191.7	140.8	107.8	85.2	69.0
24	20	33	2.46	0.8620	0.8330	0.4480	0.7620	0.7910	0.4620	1293.6	646.8	431.2	323.4	258.7	207.4	152.4	116.7	92.2	74.7
24	18	33	3.18	1.1950	1.1580	0.6400	1.0700	1.1060	0.6830	2075.5	1037.7	691.8	518.9	415.1	296.3	217.7	166.7	131.7	106.7

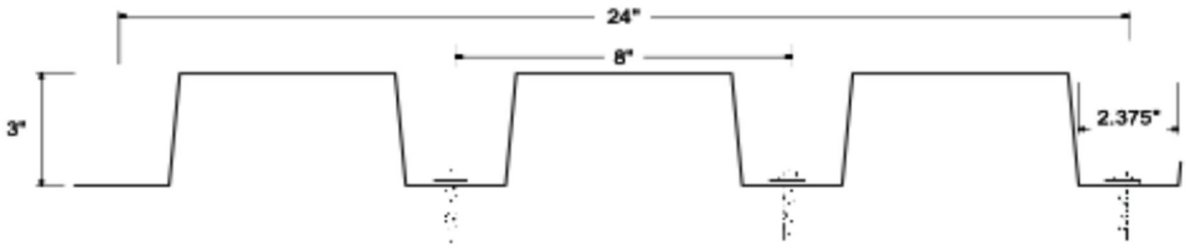


FIGURE 1—15 3-28-24 PANELS (3 SCREWS)

Contour C-5 (IC60-12, NX1) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'
12	24	50	1.89	0.1064	0.1062	0.1362	0.1056	0.1058	0.1513	150.0	136.6	123.3	110.0	96.6	83.3	70.0
12	22	50	2.21	0.1323	0.1321	0.1766	0.1316	0.1318	0.1986	219.0	194.1	169.3	144.5	119.6	94.8	70.0
12	20	33	2.69	0.1804	0.1800	0.2562	0.1790	0.1794	0.2938	219.0	194.1	169.3	144.5	119.6	94.8	70.0
12	18	33	3.48	0.2460	0.2450	0.3635	0.2410	0.2420	0.4126	219.0	194.1	169.3	144.5	119.6	94.8	70.0
12	0.032"	19	0.52	0.1802	0.1802	0.2665	0.1802	0.1802	0.3148	110.0	101.6	93.3	85.0	76.6	68.3	60.0
12	0.040"	19	1.14	0.2210	0.2210	0.3270	0.2210	0.2210	0.3860	110.0	101.6	93.3	85.0	76.6	68.3	60.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.89	0.1064	0.1062	0.1362	0.1056	0.1058	0.1513	1776.4	851.3	378.3	212.8	136.2	94.6	69.5	53.2	42.0	34.1
12	22	50	2.21	0.1323	0.1321	0.1766	0.1316	0.1318	0.1986	1904.6	952.27	490.56	275.94	176.6	122.64	90.1	68.98	54.5	44.2
12	20	33	2.69	0.1804	0.1800	0.2562	0.1790	0.1794	0.2938	1916.4	958.18	474.44	266.9	170.8	118.6	87.14	66.7	52.7	42.7
12	18	33	3.48	0.2460	0.2450	0.3635	0.2410	0.2420	0.4126	3306.4	1514.6	673.2	378.65	242.33	168.29	123.64	94.66	74.8	60.6
12	0.032"	19	0.52	0.1802	0.1802	0.2665	0.1802	0.1802	0.3148	248.2	124.1	82.7	62.1	49.6	34.8	25.56	19.57	15.5	12.5
12	0.040"	19	1.14	0.2210	0.2210	0.3270	0.2210	0.2210	0.3860	380.9	190.5	127.0	95.2	73.6	51.1	37.54	28.74	22.7	18.4

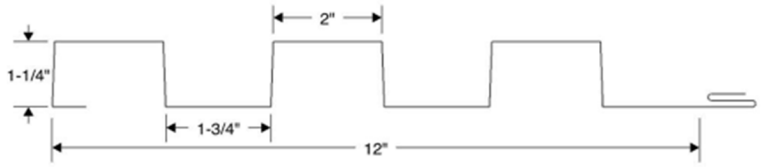


FIGURE 1—16 CONTOUR C-5 (IC60-12, NX1) CLIP FLANGE PANELS

Contour C-5 (IC60-12, NX-1) Screw Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using minimum two (2) 1-1/2" x #10 screws through the integrated panel screw flange. Fasteners were placed inline with the framing (perpendicular with the panel).

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'
12	24	50	1.89	0.1137	0.1153	0.1382	0.1191	0.1175	0.1804	177.5	161.2	145.0	128.7	112.5	96.2	80.0
12	22	50	2.21	0.1361	0.1370	0.1757	0.1391	0.1382	0.2805	190.0	176.6	163.3	150.0	136.6	123.3	110.0
12	20	33	2.69	0.1860	0.1868	0.2545	0.1890	0.1881	0.2790	190.0	176.6	163.3	150.0	136.6	123.3	110.0
12	18	33	3.48	0.2550	0.2538	0.3610	0.2510	0.2522	0.3600	190.0	176.6	163.3	150.0	136.6	123.3	110.0
12	0.032"	19	0.52	0.1860	0.2642	0.3492	0.1860	0.1860	0.3414	140.0	122.5	105.0	87.5	70.0	52.5	35.0
12	0.040"	19	1.14	0.2290	0.2290	0.3246	0.2290	0.2290	0.4206	140.0	122.5	105.0	87.5	70.0	52.5	35.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.89	0.1137	0.1153	0.1382	0.1191	0.1175	0.1804	1776.4	863.8	383.9	215.6	138.2	96.0	70.5	54.0	42.7	34.6
12	22	50	2.21	0.1361	0.1370	0.1757	0.1391	0.1382	0.2805	1904.6	952.3	488.1	274.5	175.7	122.0	89.6	68.6	54.2	43.9
12	20	33	2.69	0.1860	0.1868	0.2545	0.1890	0.1881	0.2790	1916.4	958.2	471.3	265.1	169.7	117.8	86.6	66.3	52.4	42.4
12	18	33	3.48	0.2550	0.2538	0.3610	0.2510	0.2522	0.3600	3306.4	1500.0	666.7	375.0	240.0	166.7	122.5	93.8	74.1	60.0
12	.032"	19	0.52	0.1860	0.2642	0.3492	0.1860	0.1860	0.3414	248.2	124.1	82.7	62.1	49.6	34.5	25.3	19.4	15.3	12.4
12	.040"	19	1.14	0.2290	0.2290	0.3246	0.2290	0.2290	0.4206	380.9	190.5	127.0	95.2	73.0	50.7	37.3	28.5	22.5	18.3

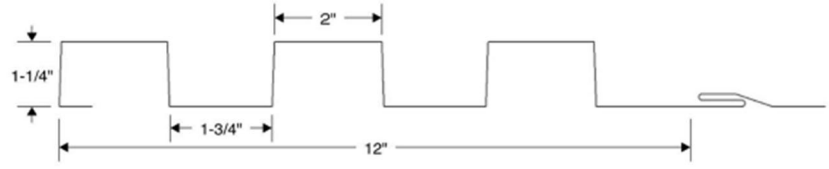


FIGURE 1—17 CONTOUR C-5 (IC60-12, NX-1) SCREW FLANGE PANELS

Contour C-7 1¼" (CR-A, CT-4, IC80-12, NX-10) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'
12	24	50	1.39	0.0516	0.0573	0.0523	0.0712	0.0655	0.0875	212.5	186.3	160.0	133.8	107.5	81.3	55.0
12	22	50	1.65	0.0657	0.0722	0.0675	0.0882	0.0817	0.1110	187.5	167.9	148.3	128.8	109.2	89.6	70.0
12	20	33	2.01	0.0876	0.0952	0.0921	0.1137	0.1060	0.1472	187.5	167.9	148.3	128.8	109.2	89.6	70.0
12	18	33	2.60	0.1280	0.1367	0.1398	0.1580	0.1493	0.2143	187.5	167.9	148.3	128.8	109.2	89.6	70.0
12	0.032"	19	0.52	0.1720	0.1720	0.2421	0.1720	0.1720	0.3205	137.5	124.6	111.7	98.8	85.8	72.9	60.0
12	0.040"	19	1.14	0.2130	0.2130	0.3954	0.2130	0.2130	0.3440	137.5	124.6	111.7	98.8	85.8	72.9	60.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.39	0.0516	0.0573	0.0523	0.0712	0.0655	0.0875	354.6	177.3	118.2	81.7	52.3	36.3	26.7	20.4	16.1	13.1
12	22	50	1.65	0.0657	0.0722	0.0675	0.0882	0.0817	0.1110	488.2	244.09	162.73	105.47	67.5	46.88	34.44	26.37	20.8	16.9
12	20	33	2.01	0.0876	0.0952	0.0921	0.1137	0.1060	0.1472	470.9	235.45	156.97	95.9	61.4	42.6	31.33	24.0	19.0	15.4
12	18	33	2.60	0.1280	0.1367	0.1398	0.1580	0.1493	0.2143	675.45	337.73	225.2	145.62	93.2	64.72	47.55	36.41	28.8	23.3
12	0.032"	19	0.52	0.1720	0.1720	0.2421	0.1720	0.1720	0.3205	54.6	27.3	18.2	13.6	10.9					
12	0.040"	19	1.14	0.2130	0.2130	0.3954	0.2130	0.2130	0.3440	86.4	43.2	28.8	21.6	17.3	14.4	11.35			

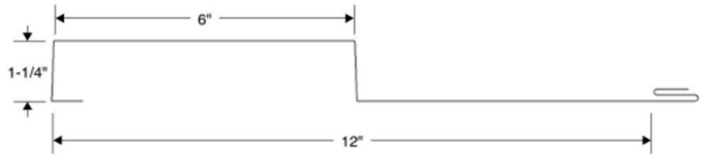


FIGURE 1—18 CONTOUR C-7 1¼" (CR-A, CT-4, IC80-12, NX-10) CLIP FLANGE PANELS

Contour C-7 1" (CR-A, CT-4, IC80-12, NX-10) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Negative Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'	
12	24	50	1.34	0.0316	0.0345	0.0407	0.0415	0.0386	0.0626	205.0	186.9	168.8	150.6	132.5	114.4	96.3	78.1	60.0	
12	22	50	1.58	0.0402	0.0434	0.0526	0.0513	0.0481	0.0792	190.0	173.1	156.3	139.4	122.5	105.6	88.8	71.9	55.0	
12	20	33	1.93	0.0591	0.0624	0.0814	0.0704	0.0671	0.1151	190.0	173.1	156.3	139.4	122.5	105.6	88.8	71.9	55.0	
12	18	33	2.51	0.0860	0.0892	0.1237	0.0970	0.0938	0.1657	190.0	173.1	156.3	139.4	122.5	105.6	88.8	71.9	55.0	

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)										
				Top in Compression			Bottom in Compression			Positive Load										
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	
12	24	50	1.34	0.0316	0.0345	0.0407	0.0415	0.0386	0.0626	270.0	135.0	90.0	63.6	40.7	28.3	20.8	15.9	12.6	10.2	
12	22	50	1.58	0.0402	0.0434	0.0526	0.0513	0.0481	0.0792	383.6	191.82	127.88	82.2	52.6	36.5	26.84	20.6	16.2	13.2	
12	20	33	1.93	0.0591	0.0624	0.0814	0.0704	0.0671	0.1151	385.5	192.73	128.48	83.9	53.7	37.3	27.41	21.0	16.6	13.4	
12	18	33	2.51	0.0860	0.0892	0.1237	0.0970	0.0938	0.1657	664.6	332.3	221.5	127.57	81.64	56.7	41.65	31.89	25.2	20.4	

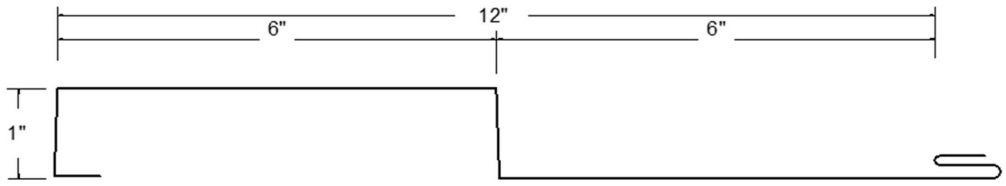


FIGURE 1—19 CONTOUR C-7 1" (CR-A, CT-4, IC80-12, NX-10) CLIP FLANGE PANELS

Contour C-8 (IC90-12) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'
12	24	50	1.39	0.0770	0.0845	0.0952	0.1031	0.0955	0.1307	162.5	145.8	129.2	112.5	95.8	79.2	62.5
12	22	50	1.65	0.0967	0.1056	0.1229	0.1275	0.1185	0.1653	212.5	187.5	162.5	137.5	112.5	87.5	62.5
12	20	33	2.01	0.1268	0.1374	0.1670	0.1636	0.1529	0.2183	212.5	187.5	162.5	137.5	112.5	87.5	62.5
12	18	33	2.60	0.1960	0.2070	0.2845	0.2370	0.2250	0.3393	212.5	187.5	162.5	137.5	112.5	87.5	62.5
12	0.032"	19	0.52	0.1820	0.1820	0.3169	0.1820	0.1820	0.2686	125.0	115.8	106.7	97.5	88.3	79.2	70.0
12	0.040"	19	1.14	0.2240	0.2240	0.3907	0.2240	0.2240	0.3947	125.0	115.8	106.7	97.5	88.3	79.2	70.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx}	$I_{xx\,(eff)}$	S_{xx}	I_{xx}	$I_{xx\,(eff)}$	S_{xx}	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.39	0.0770	0.0845	0.0952	0.1031	0.0955	0.1307	1064.6	532.3	264.4	148.8	95.2	66.1	48.6	37.2	29.4	23.8
12	22	50	1.65	0.0967	0.1056	0.1229	0.1275	0.1185	0.1653	1465.5	732.73	341.39	192.0	122.9	85.35	62.7	48.0	37.9	30.7
12	20	33	2.01	0.1268	0.1374	0.1670	0.1636	0.1529	0.2183	1410.9	695.83	309.26	174.0	111.3	77.3	56.8	43.5	34.4	27.8
12	18	33	2.60	0.1960	0.2070	0.2845	0.2370	0.2250	0.3393	2024.6	1012.3	526.9	296.35	189.67	131.71	96.77	74.09	58.5	47.4
12	0.032"	19	0.52	0.1820	0.1820	0.3169	0.1820	0.1820	0.2686	161.8	80.9	53.9	40.5	32.4	27.0	23.12	20.23	18.0	14.8
12	0.040"	19	1.14	0.2240	0.2240	0.3907	0.2240	0.2240	0.3947	258.2	129.1	56.1	64.6	51.6	43.0	36.33	32.27	27.1	21.9

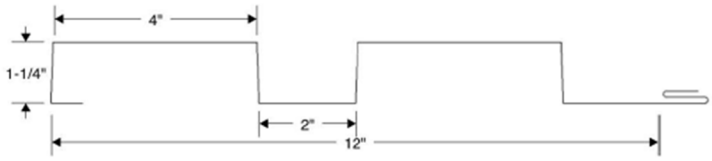


FIGURE 1—20 CONTOUR C-8 (IC90-12) CLIP FLANGE PANELS

Contour C-1/CE-A (CI-2-16) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'
16	24	50	1.67	0.0323	0.0329	0.0692	0.0345	0.0338	0.0731	95.0	87.5	80.0	72.5	65.0	57.5	50.0
16	22	50	1.96	0.0398	0.0406	0.0898	0.0428	0.0419	0.0938	87.5	82.9	78.3	73.8	69.2	64.6	60.0
16	20	33	2.4	0.0541	0.0541	0.1300	0.0541	0.0541	0.1230	87.5	82.9	78.3	73.8	69.2	64.6	60.0
16	18	33	3.11	0.0706	0.0706	0.1710	0.0706	0.0706	0.1662	87.5	82.9	78.3	73.8	69.2	64.6	60.0
16	0.032"	19	0.69	0.0511	0.0511	0.1231	0.0511	0.0511	0.1177	70.0	63.3	56.7	50.0	43.3	36.7	30.0
16	0.040"	19	1.52	0.0631	0.0631	0.1528	0.0631	0.0631	0.1477	70.0	63.3	56.7	50.0	43.3	36.7	30.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx}	$I_{xx\,(eff)}$	S_{xx}	I_{xx}	$I_{xx\,(eff)}$	S_{xx}	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.67	0.0323	0.0329	0.0692	0.0345	0.0338	0.0731	1473.6	432.5	192.2	108.1	69.2	48.1	35.3	27.0	21.4	17.3
16	22	50	1.96	0.0398	0.0406	0.0898	0.0428	0.0419	0.0938	932.7	466.36	249.44	140.3	89.8	62.4	45.82	35.1	27.7	21.4
16	20	33	2.4	0.0541	0.0541	0.1300	0.0541	0.0541	0.1230	1586.4	512.5	227.78	128.1	82.0	56.9	41.84	32.0	25.3	20.5
16	18	33	3.11	0.0706	0.0706	0.1710	0.0706	0.0706	0.1662	2733.6	692.5	307.8	173.12	110.8	76.94	56.53	43.28	34.2	27.7
16	0.032"	19	0.69	0.0511	0.0511	0.1231	0.0511	0.0511	0.1177	228.2	114.1	76.1	49.8	31.9	22.2	16.27	12.46		
16	0.040"	19	1.52	0.0631	0.0631	0.1528	0.0631	0.0631	0.1477	357.3	178.6	119.1	67.5	43.2	30.0	22.05	16.89	13.3	10.8

FIGURE 1—21 CONTOUR C-1/CE-A (CI-2-16) CLIP FLANGE PANELS

Contour C-1/CE-A (CI-2-16) Screw Flange

Panel profile and Fastening Schedule

All panels were attached to support as described in Section 3.2 using a minimum of two (2) 1-1/2" x #10 screws through the integrated panel screw flange. Fasteners were placed inline with the framing (perpendicular with the panel).

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various fastener spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'
16	24	50	1.67	0.0345	0.0431	0.0706	0.0361	0.0389	0.0797	100.0	92.5	85.0	77.5	70.0	62.5	55.0
16	22	50	1.96	0.0421	0.0427	0.0912	0.0444	0.0437	0.1000	200.0	179.2	158.3	137.5	116.7	95.8	75.0
16	20	33	2.4	0.0570	0.0567	0.1312	0.0560	0.0563	0.1325	200.0	179.2	158.3	137.5	116.7	95.8	75.0
16	18	33	3.11	0.0750	0.0747	0.1735	0.0740	0.0743	0.1811	200.0	179.2	158.3	137.5	116.7	95.8	75.0
16	0.032"	19	0.69	0.0534	0.0534	0.1246	0.0543	0.0543	0.1274	65.0	59.2	53.3	47.5	41.7	35.8	30.0
16	0.040"	19	1.52	0.0669	0.0669	0.1546	0.0669	0.0669	0.1616	65.0	59.2	53.3	47.5	41.7	35.8	30.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various fastener spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	I_{xx}	$I_{xx\ (eff)}$	S_{xx}	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.67	0.0345	0.0431	0.0706	0.0361	0.0389	0.0797	1473.6	441.3	196.1	110.3	70.6	49.0	36.0	27.6	21.8	17.7
16	22	50	1.96	0.0421	0.0427	0.0912	0.0444	0.0437	0.1000	932.7	466.36	253.33	142.5	91.2	63.33	46.53	35.6	28.2	22.5
16	20	33	2.4	0.0570	0.0567	0.1312	0.0560	0.0563	0.1325	1586.4	546.67	242.96	136.7	87.5	60.7	44.63	34.2	27.0	21.9
16	18	33	3.11	0.0750	0.0747	0.1735	0.0740	0.0743	0.1811	2733.6	722.9	321.3	180.73	115.67	80.32	59.01	45.18	35.7	28.9
16	0.032"	19	0.69	0.0534	0.0534	0.1246	0.0543	0.0543	0.1274	228.2	114.1	76.1	52.8	33.8	23.5	17.23	13.19	10.4	
16	0.040"	19	1.52	0.0669	0.0669	0.1546	0.0669	0.0669	0.1616	357.3	178.6	119.1	70.7	45.3	31.4	23.08	17.67	14.0	11.3

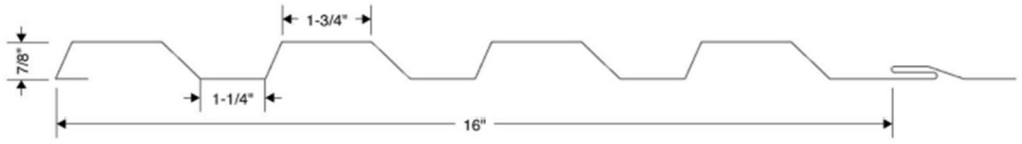


FIGURE 1—22 CONTOUR C1/CE-A (CI-2-16) SCREW FLANGE PANELS

Contour CE-B (C-B) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.70	0.0323	0.0349	0.0625	0.0413	0.0387	0.0718	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0	37.5
16	22	50	2.00	0.0406	0.0438	0.0818	0.0518	0.0485	0.0926	175.0	157.8	140.6	123.4	106.3	89.1	71.9	54.7	37.5
16	20	33	3.44	0.0560	0.0592	0.1211	0.0670	0.0638	0.1238	175.0	157.8	140.6	123.4	106.3	89.1	71.9	54.7	37.5
16	18	33	3.18	0.0782	0.0819	0.1590	0.0909	0.0872	0.1665	175.0	157.8	140.6	123.4	106.3	89.1	71.9	54.7	37.5

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.70	0.0323	0.0349	0.0625	0.0413	0.0387	0.0718	980.0	390.6	173.6	97.7	62.5	43.4	31.9	24.4	19.3	15.6
16	22	50	2.00	0.0406	0.0438	0.0818	0.0518	0.0485	0.0926	1049.1	511.3	227.2	127.8	81.8	56.8	41.7	32.0	25.3	20.5
16	20	33	3.44	0.0560	0.0592	0.1211	0.0670	0.0638	0.1238	1054.6	504.6	224.3	126.2	80.7	56.1	41.2	31.5	24.9	20.2
16	18	33	3.18	0.0782	0.0819	0.1590	0.0909	0.0872	0.1665	1817.3	662.5	294.4	165.6	106.0	73.6	54.1	41.4	32.7	26.5

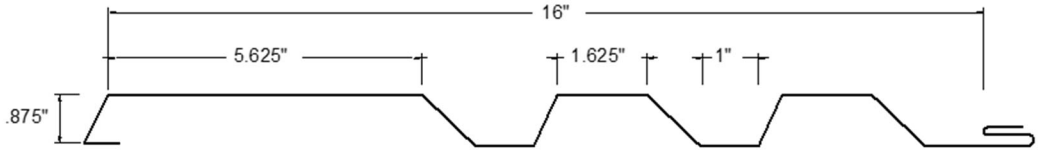


FIGURE 1—23 CONTOUR C-B(CE-B) CLIP FLANGE PANELS

Contour C-C (CE-C) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
				I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.63	0.0233	0.0270	0.0449	0.0361	0.0324	0.0560	150.0	135.9	121.9	107.8	93.7	79.7	65.6	51.5	37.5
16	22	50	1.91	0.0293	0.0341	0.0589	0.0459	0.0407	0.0724	125.0	114.1	103.1	92.2	81.3	70.3	59.3	48.4	37.5
16	20	33	2.33	0.0413	0.0472	0.0888	0.0616	0.0557	0.0988	125.0	114.1	103.1	92.2	81.3	70.3	59.3	48.4	37.5
16	18	33	3.04	0.0571	0.0645	0.1211	0.0827	0.0752	0.1338	125.0	114.1	103.1	92.2	81.3	70.3	59.3	48.4	37.5

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
				I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.63	0.0233	0.0270	0.0449	0.0361	0.0324	0.0560	490.0	245.0	124.2	69.8	44.7	31.0	22.8	17.5	13.8	11.2
16	22	50	1.91	0.0293	0.0341	0.0589	0.0459	0.0407	0.0724	524.6	262.3	163.6	92.0	58.9	40.9	30.1	23.0	18.2	14.7
16	20	33	2.33	0.0413	0.0472	0.0888	0.0616	0.0557	0.0988	527.3	263.6	164.4	92.5	59.2	41.1	30.2	23.1	18.3	14.8
16	18	33	3.04	0.0571	0.0645	0.1211	0.0827	0.0752	0.1338	909.1	454.6	224.3	126.2	80.7	56.1	41.2	31.5	24.9	20.2

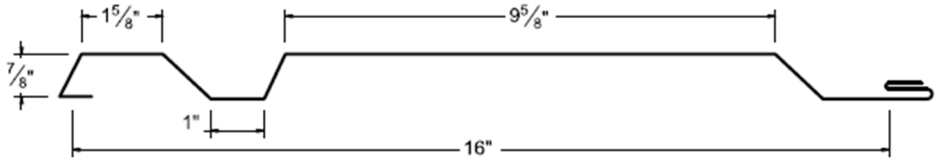


FIGURE 1—24 CONTOUR C-C (CE-C) CLIP FLANGE PANELS

Contour C-D (CE-D) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
				I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.40	0.0177	0.0218	0.0320	0.0318	0.0241	0.0455	137.5	126.6	115.6	104.7	93.8	82.8	71.9	60.9	50.0
12	22	50	1.65	0.0255	0.0279	0.0425	0.0410	0.0356	0.0598	175.0	157.8	140.6	123.4	106.3	89.1	71.9	54.7	37.5
12	20	33	2.01	0.0326	0.0399	0.0669	0.0576	0.0504	0.0871	175.0	157.8	140.6	123.4	106.3	89.1	71.9	54.7	37.5
12	18	33	2.60	0.0470	0.0563	0.1033	0.0790	0.0697	0.1206	175.0	157.8	140.6	123.4	106.3	89.1	71.9	54.7	37.5

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
				I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.40	0.0177	0.0218	0.0320	0.0318	0.0241	0.0455	245.45	122.7	81.8	61.6	45.5	31.6	23.2	17.8	14.1	11.4
12	22	50	1.65	0.0255	0.0279	0.0425	0.0410	0.0356	0.0598	262.7	131.4	87.6	65.7	52.6	41.5	30.5	23.4	18.5	14.7
12	20	33	2.01	0.0326	0.0399	0.0669	0.0576	0.0504	0.0871	263.6	131.8	87.9	65.9	52.7	40.3	29.6	22.7	17.9	14.5
12	18	33	2.60	0.0470	0.0563	0.1033	0.0790	0.0697	0.1206	454.6	227.3	151.5	113.6	80.4	55.8	41.0	31.4	24.8	20.1

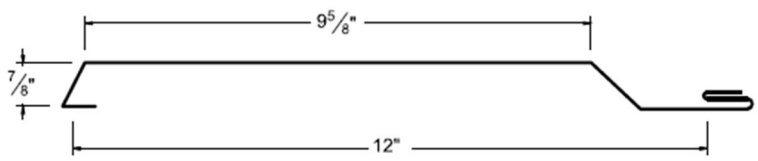


FIGURE 1—25 CONTOUR C-D (CE-D) CLIP FLANGE PANELS

Contour C-E (CE-E) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	Bottom in Compression I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
8	24	50	0.90	0.0267	0.0309	0.0476	0.0412	0.0370	0.0622	175.0	160.9	146.9	132.8	118.8	104.7	90.6	76.5	62.5
8	22	50	1.05	0.0336	0.0392	0.0629	0.0528	0.0472	0.0869	162.5	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5
8	20	33	1.28	0.0483	0.0555	0.0979	0.0730	0.0658	0.1263	162.5	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5
8	18	33	1.66	0.0694	0.0779	0.1496	0.0988	0.0902	0.1736	162.5	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	Bottom in Compression I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
8	24	50	0.90	0.0267	0.0309	0.0476	0.0412	0.0370	0.0622	244.55	122.3	81.5	61.1	47.6	33.1	24.3	18.6	14.7	11.9
8	22	50	1.05	0.0336	0.0392	0.0629	0.0528	0.0472	0.0869	262.7	131.4	87.6	65.7	52.6	43.7	32.1	24.6	19.4	15.7
8	20	33	1.28	0.0483	0.0555	0.0979	0.0730	0.0658	0.1263	263.6	131.8	87.9	65.9	52.7	43.9	33.3	25.5	20.1	16.3
8	18	33	1.66	0.0694	0.0779	0.1496	0.0988	0.0902	0.1736	454.6	227.3	151.5	113.6	90.9	69.3	50.9	39.0	30.8	24.9

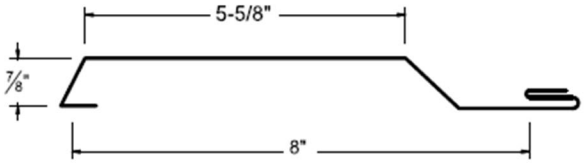


FIGURE 1—26 C-E (CE-E) CLIP FLANGE PANELS

Contour C1-A (CT-12) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	Bottom in Compression I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.67	0.0376	0.0363	0.0628	0.0331	0.0344	0.0674	182.5	165.9	149.4	132.8	116.3	99.7	83.1	66.6	50.0
16	22	50	1.96	0.0481	0.0463	0.0816	0.0421	0.0438	0.0889	165.0	150.6	136.3	121.9	107.5	93.1	78.8	64.37	50.0
16	20	33	2.4	0.0661	0.0641	0.1176	0.0594	0.0613	0.1382	165.0	150.6	136.3	121.9	107.5	93.1	78.8	64.37	50.0
16	18	33	3.11	0.0872	0.0861	0.1570	0.0834	0.0845	0.2039	165.0	150.6	136.3	121.9	107.5	93.1	78.8	64.37	50.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	Bottom in Compression I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.67	0.0376	0.0363	0.0628	0.0331	0.0344	0.0674	1098.2	392.5	174.4	98.1	62.8	43.6	32.0	24.5	19.4	15.7
16	22	50	1.96	0.0481	0.0463	0.0816	0.0421	0.0438	0.0889	1178.2	510.0	226.7	127.5	81.6	56.7	41.6	31.9	25.2	20.4
16	20	33	2.4	0.0661	0.0641	0.1176	0.0594	0.0613	0.1382	1184.6	490.0	217.8	122.5	78.4	54.4	40.0	30.6	24.2	19.6
16	18	33	3.11	0.0872	0.0861	0.1570	0.0834	0.0845	0.2039	2040.9	654.2	290.7	163.5	104.7	72.7	53.4	40.9	32.3	26.2

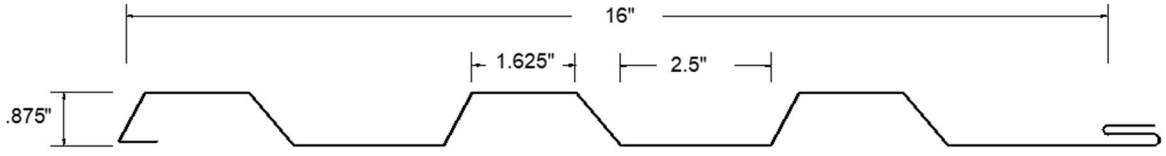


FIGURE 1—27 C1-A (CT-12) CLIP FLANGE PANELS

Contour C1-B (CI-6-12, CT-11) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.29	0.0251	0.0232	0.0341	0.0187	0.0206	0.0456	195.0	178.1	161.3	144.4	127.5	110.6	93.8	76.9	60.0
12	22	50	1.51	0.0326	0.0298	0.0450	0.0231	0.0258	0.0579	215.0	193.8	172.5	151.3	130.0	108.8	87.5	66.3	45.0
12	20	33	1.84	0.0457	0.0418	0.0645	0.0322	0.0361	0.0903	215.0	193.8	172.5	151.3	130.0	108.8	87.5	66.3	45.0
12	18	33	2.39	0.0620	0.0574	0.0876	0.0460	0.0507	0.1394	215.0	193.8	172.5	151.3	130.0	108.8	87.5	66.3	45.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.29	0.0251	0.0232	0.0341	0.0187	0.0206	0.0456	275.5	137.7	91.8	53.8	34.1	23.7	17.4	13.3	10.5	
12	22	50	1.51	0.0326	0.0298	0.0450	0.0231	0.0258	0.0579	294.6	147.3	98.2	70.3	45.0	31.3	23	17.6	13.9	11.3
12	20	33	1.84	0.0457	0.0418	0.0645	0.0322	0.0361	0.0903	296.4	148.2	98.8	67.2	43.0	29.9	21.9	16.8	13.3	10.8
12	18	33	2.39	0.0620	0.0574	0.0876	0.0460	0.0507	0.1394	510.9	255.5	162.2	91.3	58.4	40.6	29.8	22.8	18.0	14.6

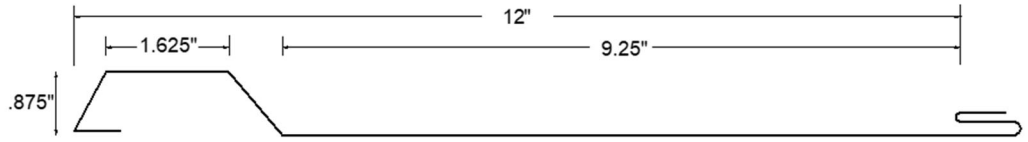


FIGURE 1—28 C1-B (CI-6-12, CT-11) CLIP FLANGE PANELS

Contour C1-C (CT-10) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.84	0.0579	0.0548	0.0761	0.0473	0.0503	0.0848	165.0	151.3	137.5	123.8	110.0	96.3	82.5	68.8	55.0
16	22	50	2.16	0.0720	0.0683	0.0979	0.0594	0.0630	0.1111	200.0	181.3	162.5	143.8	125.0	106.3	87.5	68.8	50.0
16	20	33	2.64	0.0962	0.0923	0.1336	0.0827	0.0866	0.1700	200.0	181.3	162.5	143.8	125.0	106.3	87.5	68.8	50.0
16	18	33	3.42	0.1230	0.1200	0.1710	0.1150	0.1160	0.2520	200.0	181.3	162.5	143.8	125.0	106.3	87.5	68.8	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.84	0.0579	0.0548	0.0761	0.0473	0.0503	0.0848	1235.5	475.6	211.4	118.9	76.1	52.9	38.8	29.7	23.5	19.0
16	22	50	2.16	0.0720	0.0683	0.0979	0.0594	0.0630	0.1111	1323.6	611.9	271.9	153.0	97.9	68.0	50.0	38.2	30.2	24.5
16	20	33	2.64	0.0962	0.0923	0.1336	0.0827	0.0866	0.1700	1331.8	556.7	247.4	139.2	89.1	61.9	45.4	34.8	27.5	22.3
16	18	33	3.42	0.1230	0.1200	0.1710	0.1150	0.1160	0.2520	2296.4	712.5	316.7	178.1	114.0	79.2	58.2	44.5	35.2	28.5

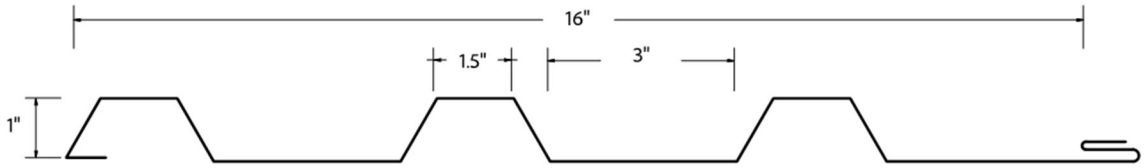


FIGURE 1—29 C1-C (CT-10) CLIP FLANGE PANELS

Contour C1-D (CT-9) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
				I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.47	0.0323	0.0293	0.0378	0.0219	0.0385	0.0376	185.0	166.6	148.1	129.7	111.3	92.8	73.3	55.9	37.5
12	22	50	1.73	0.0408	0.0370	0.0484	0.0278	0.0316	0.0450	200.0	178.1	156.3	134.4	112.5	90.6	68.8	46.87	25.0
12	20	33	1.47	0.0523	0.0476	0.0623	0.0361	0.0408	0.0556	200.0	178.1	156.3	134.4	112.5	90.6	68.8	46.87	25.0
12	18	33	1.73	0.0670	0.0621	0.0799	0.0500	0.0549	0.0732	200.0	178.1	156.3	134.4	112.5	90.6	68.8	46.87	25.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
				I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.47	0.0323	0.0293	0.0378	0.0219	0.0385	0.0376	620.0	235.0	104.4	58.8	37.6	26.1	19.2	14.7	11.6	
12	22	50	1.73	0.0408	0.0370	0.0484	0.0278	0.0316	0.0450	664.6	281.3	125.0	70.3	45.0	31.3	23.0	17.6	13.9	11.3
12	20	33	1.47	0.0523	0.0476	0.0623	0.0361	0.0408	0.0556	946.7	236.7	105.2	59.2	37.9	26.3	19.3	14.8	11.7	
12	18	33	1.73	0.0670	0.0621	0.0799	0.0500	0.0549	0.0732	1151.8	311.7	138.5	77.9	49.9	34.6	25.4	19.5	15.4	12.5

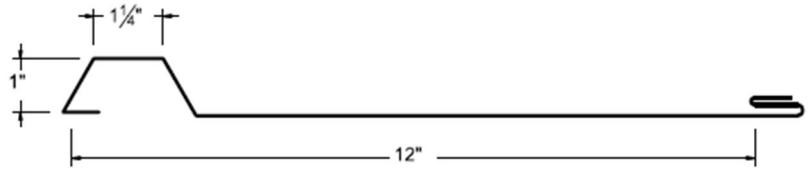


FIGURE 1—30 C1-D (CT-9) CLIP FLANGE PANELS

Contour C-2 (CI-3B-16) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
				I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.67	0.0200	0.0230	0.0407	0.0302	0.0272	0.0494	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0
16	22	50	1.96	0.0255	0.0292	0.0542	0.0383	0.0346	0.0646	212.5	192.2	171.9	151.6	131.3	110.9	90.6	70.3	50.0
16	20	33	2.4	0.0361	0.0411	0.0849	0.0526	0.0478	0.0908	212.5	192.2	171.9	151.6	131.3	110.9	90.6	70.3	50.0
16	18	33	3.11	0.0541	0.0589	0.1150	0.0706	0.0658	0.1230	212.5	192.2	171.9	151.6	131.3	110.9	90.6	70.3	50.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
				I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.67	0.0200	0.0230	0.0407	0.0302	0.0272	0.0494	509.1	254.4	113.1	63.6	40.7	28.3	20.8	15.9	12.6	10.2
16	22	50	1.96	0.0255	0.0292	0.0542	0.0383	0.0346	0.0646	545.5	272.7	150.6	84.7	54.2	37.6	27.65	21.2	16.7	13.6
16	20	33	2.4	0.0361	0.0411	0.0849	0.0526	0.0478	0.0908	548.2	274.1	157.2	88.4	56.6	39.3	28.88	22.1	17.5	14.2
16	18	33	3.11	0.0541	0.0589	0.1150	0.0706	0.0658	0.1230	943.6	471.8	213.0	119.8	76.7	53.2	39.12	30.0	23.7	19.2

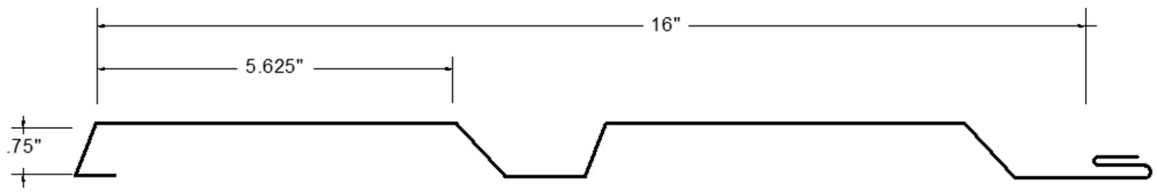


FIGURE 1—31 C-2 (CI-3B-16) CLIP FLANGE PANELS

Contour C2-A (AS-B-12) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.40	0.0345	0.0364	0.0585	0.0409	0.0390	0.0673	180.0	164.6	149.4	134.1	118.7	103.4	88.1	72.8	57.5
12	22	50	1.65	0.0436	0.0460	0.0763	0.0519	0.0495	0.0881	250.0	225.0	200.0	175.0	150.0	125.0	100.0	75.0	50.0
12	20	33	2.01	0.0607	0.0638	0.1128	0.0715	0.0684	0.1276	250.0	225.0	200.0	175.0	150.0	125.0	100.0	75.0	50.0
12	18	33	2.60	0.0830	0.0871	0.1573	0.0970	0.0929	0.1743	250.0	225.0	200.0	175.0	150.0	125.0	100.0	75.0	50.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.40	0.0345	0.0364	0.0585	0.0409	0.0390	0.0673	731.8	365.4	162.4	91.3	58.5	40.6	29.8	22.8	18.0	14.6
12	22	50	1.65	0.0436	0.0460	0.0763	0.0519	0.0495	0.0881	784.6	392.3	211.9	119.2	76.3	53.0	38.9	29.8	23.6	19.1
12	20	33	2.01	0.0607	0.0638	0.1128	0.0715	0.0684	0.1276	790.0	395.0	208.9	117.5	75.2	52.2	38.4	29.4	23.2	18.8
12	18	33	2.60	0.0830	0.0871	0.1573	0.0970	0.0929	0.1743	1360.0	655.4	291.3	163.9	104.9	72.8	53.5	41.0	32.4	26.2

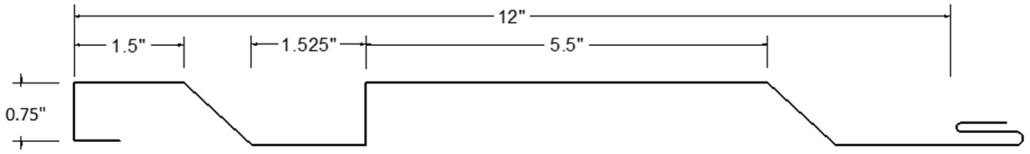


FIGURE 1—32 C2-A (AS-B-12) CLIP FLANGE PANELS

Contour C2-B (AS-C-12) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.40	0.0347	0.0378	0.0587	0.0454	0.0423	0.0720	207.5	186.3	165.0	143.8	122.5	101.3	80.0	58.8	37.5
12	22	50	1.65	0.0439	0.0479	0.0768	0.0578	0.0537	0.0945	187.5	170.3	153.1	135.9	118.8	101.6	84.4	67.2	50.0
12	20	33	2.01	0.0611	0.0666	0.1130	0.0800	0.0745	0.1372	187.5	170.3	153.1	135.9	118.8	101.6	84.4	67.2	50.0
12	18	33	2.60	0.0850	0.0919	0.1616	0.1090	0.1020	0.1885	187.5	170.3	153.1	135.9	118.8	101.6	84.4	67.2	50.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.40	0.0347	0.0378	0.0587	0.0454	0.0423	0.0720	731.8	365.9	163.1	91.8	58.7	40.8	30.0	22.9	18.1	14.7
12	22	50	1.65	0.0439	0.0479	0.0768	0.0578	0.0537	0.0945	784.6	392.3	213.3	120.0	76.8	53.3	39.2	30.0	23.7	19.2
12	20	33	2.01	0.0611	0.0666	0.1130	0.0800	0.0745	0.1372	790.0	395.0	209.3	117.7	75.3	52.3	38.4	29.4	23.3	18.8
12	18	33	2.60	0.0850	0.0919	0.1616	0.1090	0.1020	0.1885	1360.0	673.3	299.3	168.3	107.7	74.8	55.0	42.1	33.3	26.9

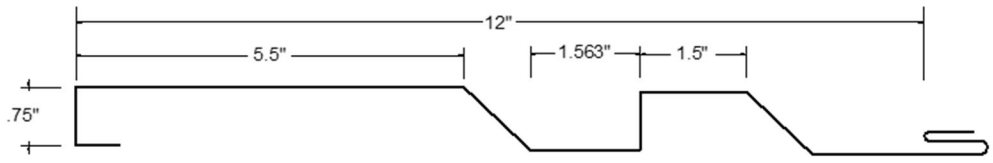


FIGURE 1—33 C2-B (AS-C-12) CLIP FLANGE PANELS

Contour C2-C (AS-D-12) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.40	0.0318	0.0342	0.0591	0.0400	0.0376	0.0707	162.5	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5
12	22	50	1.65	0.0404	0.0434	0.0784	0.0508	0.0478	0.0930	187.5	170.3	153.1	139.9	118.8	101.6	84.4	67.2	50.0
12	20	33	2.01	0.0573	0.0610	0.1209	0.0701	0.0664	0.1367	187.5	170.3	153.1	139.9	118.8	101.6	84.4	67.2	50.0
12	18	33	2.60	0.0810	0.0851	0.1817	0.0950	0.0909	0.1873	187.5	170.3	153.1	139.9	118.8	101.6	84.4	67.2	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Positive Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.40	0.0318	0.0342	0.0591	0.0400	0.0376	0.0707	735.5	367.7	164.0	92.3	59.1	41.0	30.1	23.1	18.2	14.8
12	22	50	1.65	0.0404	0.0434	0.0784	0.0508	0.0478	0.0930	788.2	394.1	217.8	122.5	78.4	54.4	40.0	30.6	24.2	19.6
12	20	33	2.01	0.0573	0.0610	0.1209	0.0701	0.0664	0.1367	791.8	395.9	223.9	125.9	80.6	56.0	41.1	31.5	24.9	20.2
12	18	33	2.60	0.0810	0.0851	0.1817	0.0950	0.0909	0.1873	1363.6	681.8	336.5	189.3	121.1	84.1	61.8	47.3	37.4	30.3

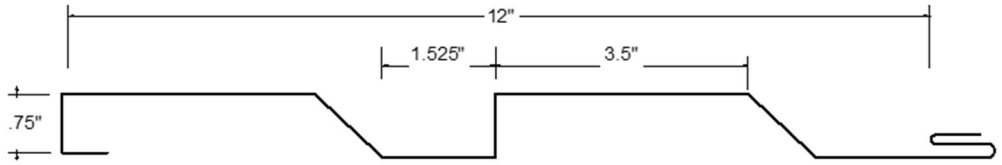


FIGURE 1—34 C2-C (AS-D-12) CLIP FLANGE PANELS

Contour C2-D (AS-E-12) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top In Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.23	0.015	0.0193	0.0300	0.0297	0.0255	0.0479	210.0	190.0	170.0	150.0	130.0	110.0	90.0	70.0	50.0
12	22	50	1.45	0.0189	0.0241	0.0387	0.0370	0.0318	0.0603	215.0	195.0	175.0	155.0	135.0	115.0	95.0	75.0	55.0
12	20	33	1.78	0.0273	0.0340	0.0606	0.0504	0.0437	0.0844	215.0	195.0	175.0	155.0	135.0	115.0	95.0	75.0	55.0
12	18	33	2.31	0.0390	0.0468	0.0933	0.0660	0.0582	0.1113	215.0	195.0	175.0	155.0	135.0	115.0	95.0	75.0	55.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top In Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.23	0.0150	0.0193	0.0300	0.0297	0.0255	0.0479	181.8	90.9	60.6	45.5	30.0	20.8	15.3	11.7		
12	22	50	1.45	0.0189	0.0241	0.0387	0.0370	0.0318	0.0603	263.6	131.8	87.9	60.5	38.7	26.9	19.74	15.1	11.9	
12	20	33	1.78	0.0273	0.0340	0.0606	0.0504	0.0437	0.0844	264.6	132.3	88.2	62.5	40.0	27.8	20.41	15.6	12.3	10.0
12	18	33	2.31	0.0390	0.0468	0.0933	0.0660	0.0582	0.1113	455.5	227.7	151.8	96.2	61.6	42.8	31.42	24.05	19.0	15.4

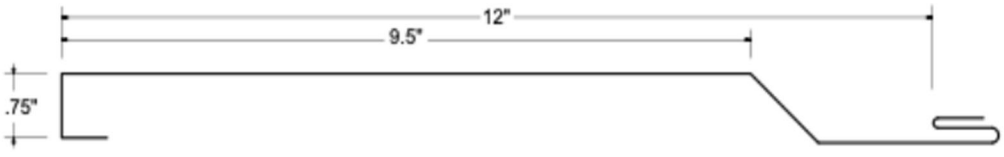


FIGURE 1—35 C2-D (AS-E-12) CLIP FLANGE PANELS

Contour C2-E (AS-A-12) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.40	0.0451	0.0446	0.0854	0.0434	0.0456	0.0951	190.0	173.8	157.5	141.3	125.0	108.8	92.5	76.3	60.0
12	22	50	1.66	0.0559	0.0552	0.1085	0.0536	0.0542	0.1216	190.0	173.8	157.5	141.3	125.0	108.8	92.5	76.3	60.0
12	20	33	2.02	0.0754	0.0747	0.1533	0.0731	0.0737	0.1518	190.0	173.8	157.5	141.3	125.0	108.8	92.5	76.3	60.0
12	18	33	2.62	0.0970	0.0967	0.1933	0.0960	0.0963	0.1928	190.0	173.8	157.5	141.3	125.0	108.8	92.5	76.3	60.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Topin Compression			Bottom in Compression			Positive Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.40	0.0451	0.0446	0.0854	0.0434	0.0456	0.0951	904.6	452.3	237.3	133.5	85.4	59.3	43.6	33.4	26.4	21.4
12	22	50	1.66	0.0559	0.0552	0.1085	0.0536	0.0542	0.1216	1313.6	656.8	301.4	169.5	108.5	75.4	55.36	42.4	33.5	27.1
12	20	33	2.02	0.0754	0.0747	0.1533	0.0731	0.0737	0.1518	1320.9	626.2	278.3	156.5	100.2	69.6	51.1	39.1	30.9	25.1
12	18	33	2.62	0.0970	0.0967	0.1933	0.0960	0.0963	0.1928	2275.5	795.3	353.5	198.8	127.3	88.4	64.92	49.7	39.3	31.8

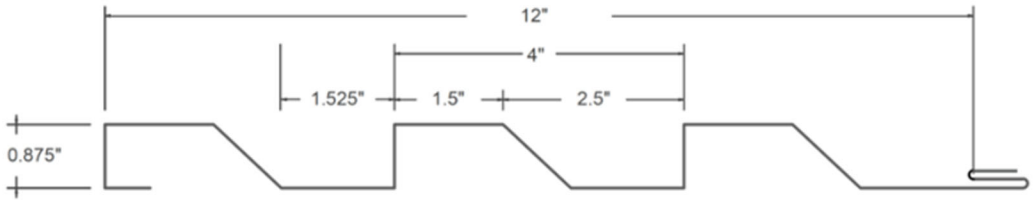


FIGURE 1—36 C2-E (AS-A-12) CLIP FLANGE PANELS

Contour C-3 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.61	0.0300	0.0279	0.0440	0.0227	0.0248	0.0481	195.0	176.9	158.8	140.6	122.5	104.4	86.3	68.1	50.0
16	22	50	1.89	0.0383	0.0357	0.0575	0.0293	0.0319	0.0625	200.0	181.3	162.5	143.8	125.0	106.3	87.5	68.8	50.0
16	20	33	2.31	0.0541	0.0506	0.0831	0.0420	0.0455	0.0797	200.0	181.3	162.5	143.8	125.0	106.3	87.5	68.8	50.0
16	18	33	3.00	0.0720	0.0685	0.1116	0.0601	0.0635	0.1050	200.0	181.3	162.5	143.8	125.0	106.3	87.5	68.8	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.61	0.0300	0.0279	0.0440	0.0227	0.0248	0.0481	800.9	275.0	122.2	68.8	44.0	30.6	22.5	17.2	13.6	11.0
16	22	50	1.89	0.0383	0.0357	0.0575	0.0293	0.0319	0.0625	858.2	359.4	159.7	89.8	57.5	39.9	29.34	22.5	17.8	14.4
16	20	33	2.31	0.0541	0.0506	0.0831	0.0420	0.0455	0.0797	862.7	332.1	147.6	83.0	53.1	36.9	27.11	20.8	16.4	13.3
16	18	33	3.00	0.0720	0.0685	0.1116	0.0601	0.0635	0.1050	1484.6	437.5	194.4	109.4	70.0	48.6	35.71	27.3	21.6	17.5

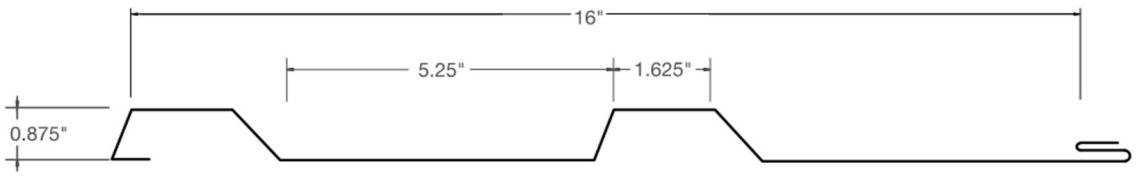


FIGURE 1—37 C-3 CLIP FLANGE PANELS

Contour C-4 Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.73	0.0564	0.0544	0.0586	0.0496	0.0515	0.0605	187.5	168.8	150	131.3	112.5	93.8	75	56.3	37.5
16	22	50	2.03	0.07	0.0678	0.0744	0.0624	0.0646	0.0732	170	153.4	136.9	120.3	103.8	87.2	70.6	54.1	37.5
16	20	33	2.48	0.0902	0.0886	0.0966	0.0849	0.0864	0.0937	170	153.4	136.9	120.3	103.8	87.2	70.6	54.1	37.5
16	18	33	3.22	0.116	0.116	0.1242	0.115	0.115	0.1237	170	153.4	136.9	120.3	103.8	87.2	70.6	54.1	37.5

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.73	0.0564	0.0544	0.0586	0.0496	0.0515	0.0605	967.27	366.3	162.8	91.6	58.6	40.7	29.9	22.9	18.1	14.7
16	22	50	2.03	0.07	0.0678	0.0744	0.0624	0.0646	0.0732	1037.3	457.5	203.3	114.4	73.2	50.8	37.4	28.6	22.6	18.3
16	20	33	2.48	0.0902	0.0886	0.0966	0.0849	0.0864	0.0937	1044.6	390.4	173.5	97.6	62.5	43.4	31.9	24.4	19.3	15.6
16	18	33	3.22	0.116	0.116	0.1242	0.115	0.115	0.1237	1800.9	515.4	229.1	128.9	82.5	57.3	42.1	32.2	25.5	20.6

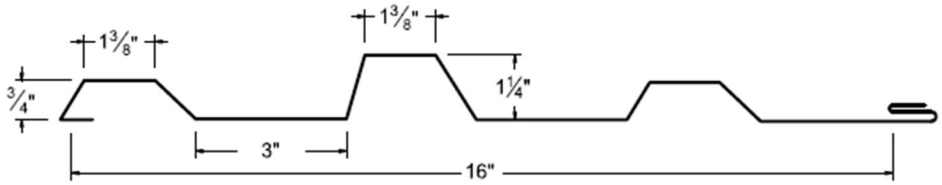


FIGURE 1—38 C-4 CLIP FLANGE PANELS

Contour C5-A (CT-2) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottomin Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.30	0.0320	0.0330	0.0600	0.0340	0.0330	0.0680	150.0	134.4	118.8	103.1	87.5	71.9	56.3	40.6	25.0
16	22	50	1.53	0.0410	0.0410	0.0800	0.0430	0.0430	0.0910	162.5	146.9	131.3	115.6	100.0	84.4	68.8	53.1	37.5
16	20	33	1.87	0.0590	0.0590	0.1210	0.0590	0.0590	0.1380	162.5	146.9	131.3	115.6	100.0	84.4	68.8	53.1	37.5
16	18	33	2.43	0.0820	0.0810	0.1780	0.0810	0.0820	0.2010	162.5	146.9	131.3	115.6	100.0	84.4	68.8	53.1	37.5

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.30	0.0320	0.0330	0.0600	0.0340	0.0330	0.0680	1446.4	375.0	166.7	93.8	60.0	41.7	30.6	23.4	18.5	15.0
16	22	50	1.53	0.0410	0.0410	0.0800	0.0430	0.0430	0.0910	1545.5	500.0	222.2	125.0	80.0	55.6	40.8	31.3	24.7	20.0
16	20	33	1.87	0.0590	0.0590	0.1210	0.0590	0.0590	0.1380	1552.7	504.2	224.1	126.0	80.7	56.0	41.2	31.5	24.9	20.2
16	18	33	2.43	0.0820	0.0810	0.1780	0.0810	0.0820	0.2010	2110.0	741.7	329.6	185.4	118.7	82.4	60.5	46.4	36.6	29.7

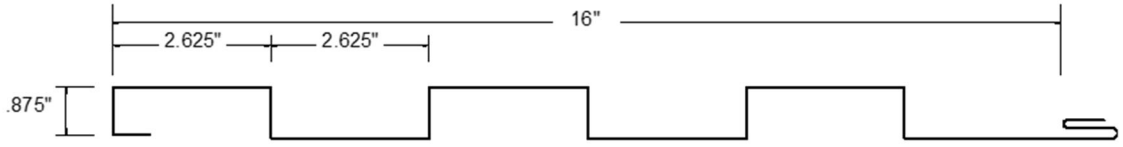


FIGURE 1—39 C5-A (CT-2) CLIP FLANGE PANELS

Contour C-6 (NX-2) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.52	0.0740	0.0798	0.0934	0.0942	0.0883	0.1142	187.5	170.3	153.1	135.9	118.8	101.6	84.4	67.2	50.0
12	22	50	1.77	0.0933	0.1010	0.1228	0.1196	0.1120	0.1507	187.5	168.8	150.0	131.3	112.5	93.8	75.0	56.3	37.5
12	20	33	2.16	0.1301	0.1402	0.1840	0.1650	0.1548	0.2216	187.5	168.8	150.0	131.3	112.5	93.8	75.0	56.3	37.5
12	18	33	2.80	0.1820	0.1947	0.2709	0.2260	0.2132	0.3149	187.5	168.8	150.0	131.3	112.5	93.8	75.0	56.3	37.5
12	0.050"	19	2.50	0.2590	0.2590	0.4711	0.2590	0.2590	0.3698	175.0	160.6	146.3	131.9	115.5	102.1	88.8	74.4	60.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.52	0.0740	0.0798	0.0934	0.0942	0.0883	0.1142	1065.5	532.7	259.5	146.0	93.4	64.9	47.7	36.5	28.8	23.4
12	22	50	1.77	0.0933	0.1010	0.1228	0.1196	0.1120	0.1507	1141.8	570.91	341.11	191.88	122.8	85.28	62.65	48.0	37.9	30.7
12	20	33	2.16	0.1301	0.1402	0.1840	0.1650	0.1548	0.2216	1149.1	574.55	340.74	191.7	122.7	85.2	62.59	47.9	37.9	30.7
12	18	33	2.80	0.1820	0.1947	0.2709	0.2260	0.2132	0.3149	1982.7	991.4	501.7	282.19	180.6	125.42	92.14	70.55	55.7	45.2
12	0.032"	19	0.52	0.1710	0.1710	0.3115	0.1710	0.1710	0.2441	150.0	75.0	50.0	37.5	30.0	25.0	21.43	17.67	14.0	11.3
12	0.040"	19	1.14	0.2100	0.2100	0.3830	0.2100	0.2100	0.2999	233.6	116.8	77.9	58.4	46.7	38.9	33.38	26.28	20.8	16.8
12	0.050"	19	2.50	0.2590	0.2590	0.4711	0.2590	0.2590	0.3698	371.8	185.9	94.2	53.0	33.9	23.5	17.3	13.24	10.5	

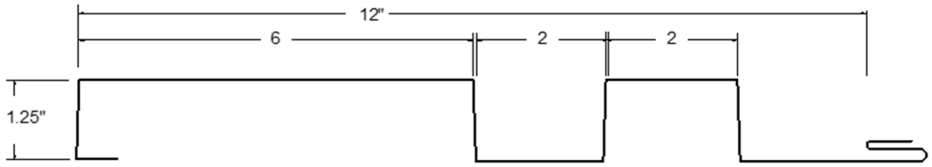


FIGURE 1—40 C-6 (NX-2) CLIP FLANGE PANELS

Contour C6-A (CT-1) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to suport as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	2.4	50	1.3	0.0271	0.0262	0.0344	0.0241	1249	0.0583	150.0	137.5	125	112.5	100	87.5	75.0	62.5	50.0
12	2.2	50	1.52	0.0354	0.0339	0.0458	0.0303	0.0318	0.0623	175.0	160.9	146.9	132.8	118.8	104.7	90.9	76.6	62.5
12	2	33	1.86	0.0516	0.0491	0.069	0.0432	0.0456	0.0849	175.0	160.9	146.9	132.8	118.8	104.7	90.9	76.6	62.5
12	18	33	2.42	0.074	0.0699	0.1015	0.06	0.064	0.1103	175.0	160.9	146.9	132.8	118.8	104.7	90.9	76.6	62.5

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	2.4	50	1.3	0.0271	0.0262	0.0344	0.0241	0.0249	0.0583	359.1	179.6	95.6	53.8	34.4	23.9	17.6	13.4	10.6	
12	2.2	50	1.52	0.0354	0.0339	0.0458	0.0303	0.0318	0.0623	273.6	136.8	91.2	68.4	45.8	31.8	23.4	17.9	14.1	11.5
12	2	33	1.86	0.0516	0.0491	0.069	0.0432	0.0456	0.0849	386.4	193.2	127.8	71.9	46	31.9	23.5	18	14.2	11.5
12	18	33	2.42	0.074	0.0699	0.1015	0.06	0.064	0.1103	666.4	333.2	188	105.7	67.7	47	34.5	26.4	20.9	16.9

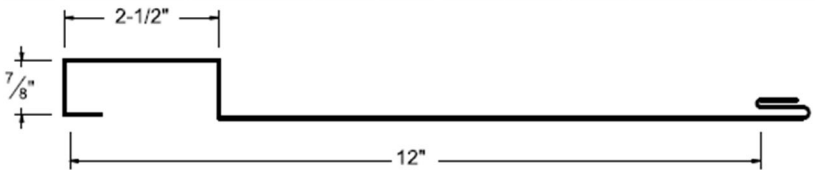


FIGURE 1—41 C6-A (CT-1) CLIP FLANGE PANELS

Contour C8-A (CT-3) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.60	0.1159	0.1169	0.1182	0.1193	0.1183	0.1381	162.5	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5
12	22	50	1.87	0.1467	0.1478	0.1547	0.1507	0.1495	0.1827	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0
12	20	33	2.28	0.2052	0.2059	0.2297	0.2079	0.2071	0.2729	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0
12	18	33	2.96	0.2880	0.2877	0.3374	0.2870	0.2873	0.3896	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.60	0.1159	0.1169	0.1182	0.1193	0.1183	0.1381	1060.0	530.0	327.8	184.4	118.0	81.9	60.2	46.1	36.4	29.5
12	22	50	1.87	0.1467	0.1478	0.1547	0.1507	0.1495	0.1827	1136.4	568.2	378.8	241.7	154.7	107.4	78.93	60.4	47.8	38.7
12	20	33	2.28	0.2052	0.2059	0.2297	0.2079	0.2071	0.2729	1145.5	572.7	381.8	239.3	153.1	106.3	78.13	59.8	47.3	38.3
12	18	33	2.96	0.2880	0.2877	0.3374	0.2870	0.2873	0.3896	1975.5	987.7	624.8	351.5	224.9	156.2	114.8	87.86	69.4	56.2

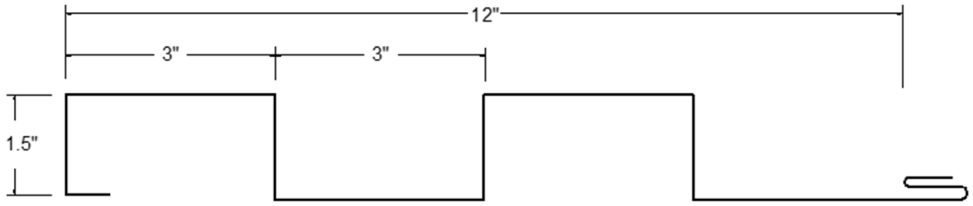


FIGURE 1—42 C8-A (CT-3) CLIP FLANGE PANELS

Contour C8-B (CT-8) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.85	0.0621	0.0634	0.0713	0.0666	0.0623	0.0847	150	135.9	121.9	107.8	93.8	79.7	65.6	51.6	37.5
16	22	50	2.17	0,0797	0.0812	0.0946	0.0849	0.0834	0.113	162.5	146.9	131.3	115.6	100.0	84.4	68.8	53.1	37.5
16	20	33	2.65	0.114	0.115	0.144	0.119	0.117	0.172	162.5	146.9	131.3	115.6	100.0	84.4	68.8	53.1	37.5
16	18	33	3.44	0.163	0.164	0.216	0.167	0.166	0.255	162.5	146.9	131.3	115.6	100.0	84.4	68.8	53.1	37.5

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES Top in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.85	0,0621	0.0634	0.0713	0.0666	0.0623	0.0847	1067.3	445.6	198.1	111.4	71.3	49.5	36.4	27.9	22.0	17.8
16	22	50	2.17	0.0797	0.0812	0.0946	0.0849	0.0834	0.113	1143.6	571.8	262.8	147.8	94.6	65.7	48.3	37.0	29.2	23.7
16	20	33	2.65	0.114	0.115	0.144	0.119	0.117	0.172	1151.8	575.9	266.7	150.00	96.00	66.7	49.0	37.5	29.6	24.0
16	18	3.3	3.44	0.163	0.164	0.216	0.167	0.166	0.255	1986.4	900.0	400.0	225.0	114.0	100.0	73.5	56.3	44.4	36.0

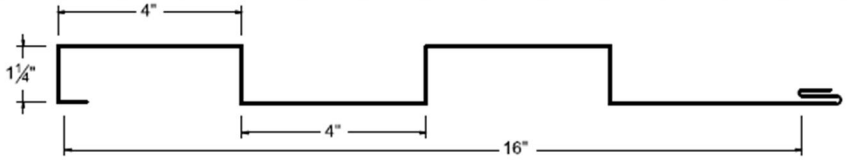


FIGURE 1—43 C8-B (CT-8) CLIP FLANGE PANELS

Contour C9-A (NX-3A) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.67	0.1320	0.1270	0.1230	0.1164	0.1210	0.1497	155.0	141.9	128.8	115.6	102.5	89.4	76.3	63.1	50.0
12	22	50	1.97	0.1647	0.1580	0.1562	0.1435	0.1490	0.1911	155.0	141.9	128.8	115.6	102.5	89.4	76.3	63.1	50.0
12	20	33	2.40	0.2290	0.2210	0.2267	0.2000	0.2080	0.2415	155.0	141.9	128.8	115.6	102.5	89.4	76.3	63.1	50.0
12	18	33	3.10	0.3160	0.3050	0.3233	0.2780	0.2890	0.3151	155.0	141.9	128.8	115.6	102.5	89.4	76.3	63.1	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.67	0.1320	0.1270	0.1230	0.1164	0.1210	0.1497	1410.9	705.5	341.7	192.2	123.0	85.4	62.8	48.1	38.0	30.8
12	22	50	1.97	0.1647	0.1580	0.1562	0.1435	0.1490	0.1911	1896.4	948.2	433.9	244.1	156.2	108.5	79.7	61.0	48.2	39.1
12	20	33	2.40	0.2290	0.2210	0.2267	0.2000	0.2080	0.2415	1782.7	891.4	419.8	236.2	151.1	105.0	77.1	59.0	46.7	37.8
12	18	33	3.10	0.3160	0.3050	0.3233	0.2780	0.2890	0.3151	2850.0	1312.9	583.5	328.2	210.1	145.9	107.2	82.1	64.8	52.5

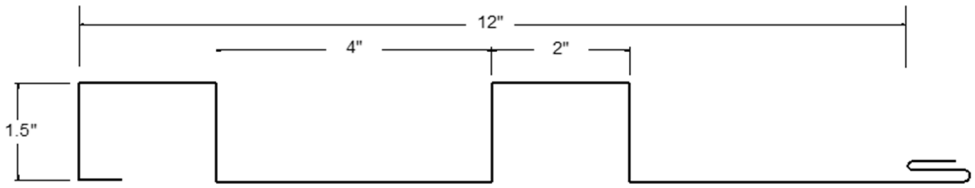


FIGURE 1—44 C9-A (NX-3A) CLIP FLANGE PANELS

Contour C-9 (NX-3) with Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.65	0.1361	0.1310	0.1278	0.1175	0.1230	0.1542	130.0	118.1	106.3	94.4	82.5	70.6	58.8	46.9	35.0
12	22	50	1.94	0.1690	0.1619	0.1612	0.1447	0.1517	0.1899	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0
12	20	33	2.37	0.2320	0.2320	0.2310	0.1960	0.2060	0.2384	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0
12	18	33	3.08	0.3190	0.3030	0.3268	0.2660	0.2810	0.3105	150.0	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0
12	0.050"	19	2.50	0.3490	0.3490	0.3590	0.3490	0.3490	0.6610	180.0	165.6	151.3	136.9	122.5	108.1	93.8	79.4	65.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.65	0.1361	0.1310	0.1278	0.1175	0.1230	0.1542	797.3	398.6	265.8	199.3	127.8	88.8	65.2	49.9	39.4	32.0
12	22	50	1.94	0.1690	0.1619	0.1612	0.1447	0.1517	0.1899	1134.6	567.3	378.2	251.9	161.2	111.9	82.9	63.0	49.8	40.3
12	20	33	2.37	0.2320	0.2320	0.2310	0.1960	0.2060	0.2384	1142.7	571.4	380.9	238.2	152.5	105.9	77.8	59.6	47.1	38.1
12	18	33	3.08	0.3190	0.3030	0.3268	0.2660	0.2810	0.3105	1767.3	883.6	569.3	320.2	204.9	142.3	104.6	80.1	63.3	51.2
12	0.040"	19	1.14	0.2850	0.2850	0.2928	0.2850	0.2850	0.5418	269.1	119.6	53.1	29.9	19.1	13.3	9.76	7.47	5.9	4.8
12	0.050"	19	2.50	0.3490	0.3490	0.3590	0.3490	0.3490	0.6610	429.1	182.5	81.1	45.6	29.2	20.3	14.9	11.41	9.0	7.3

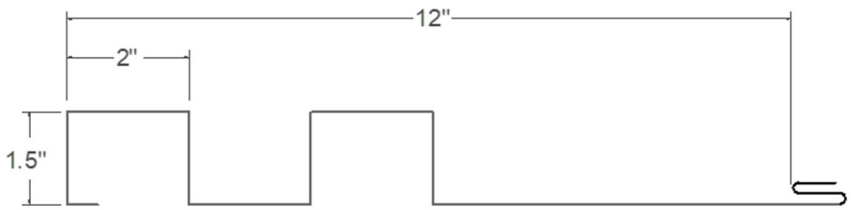


FIGURE 1—45 C-9 (NX-3) CLIP FLANGE PANELS

Contour C-10 (CM-2, NX-4) with Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.59	0.1358	0.1293	0.1279	0.1133	0.1198	0.1433	110.0	99.4	88.8	78.1	67.5	56.9	46.3	35.6	25.0
12	22	50	1.87	0.1685	0.1603	0.1615	0.1401	0.1483	0.1833	155.0	141.9	128.8	115.6	102.5	89.4	76.3	63.1	50.0
12	20	33	2.29	0.2310	0.2205	0.2316	0.1950	0.2054	0.2403	155.0	141.9	128.8	115.6	102.5	89.4	76.3	63.1	50.0
12	18	33	2.97	0.3180	0.3046	0.3277	0.2720	0.2853	0.3148	155.0	141.9	128.8	115.6	102.5	89.4	76.3	63.1	50.0
12	0.050"	19	2.50	0.1260	0.1260	0.4302	0.1260	0.1260	0.1773	185.0	169.4	153.8	138.1	122.5	106.9	91.3	75.6	60.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Positive Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.59	0.1358	0.1293	0.1279	0.1133	0.1198	0.1433	797.3	398.6	265.8	199.3	127.9	88.9	65.3	50.0	39.5	32.0
12	22	50	1.87	0.1685	0.1603	0.1615	0.1401	0.1483	0.1833	1134.6	567.3	378.2	252.3	161.5	112.2	82.4	63.1	49.9	40.4
12	20	33	2.29	0.2310	0.2205	0.2316	0.1950	0.2054	0.2403	1142.7	571.4	380.9	238.8	152.9	106.2	78.0	59.7	47.2	38.2
12	18	33	2.97	0.3180	0.3046	0.3277	0.2720	0.2853	0.3148	1767.3	883.6	577.1	324.6	207.8	144.3	106.0	81.2	64.1	51.9
12	0.040"	19	1.14	0.1040	0.1040	0.3555	0.1040	0.1040	0.1468	269.1	119.6	53.1	29.9	19.1	13.3	10.0			
12	0.050"	19	2.50	0.1260	0.1260	0.4302	0.1260	0.1260	0.1773	514.6	182.5	81.1	45.6	29.2	20.3	14.9	11.4		

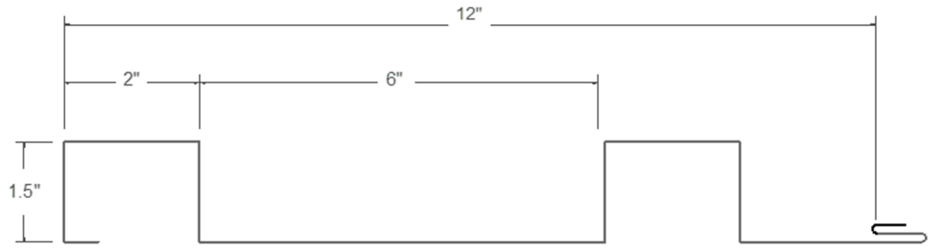


FIGURE 1—46 C-10 (CM-2, NX-4) CLIP FLANGE PANELS

Contour CR-B (CT-5) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.30	0.0297	0.0323	0.0381	0.0387	0.0361	0.0528	175.0	159.4	143.8	128.1	112.5	96.9	81.3	65.6	50.0
12	22	50	1.53	0.0385	0.0419	0.0512	0.0503	0.0469	0.0714	167.5	152.8	138.1	123.4	108.8	94.1	79.4	64.7	50.0
12	20	33	1.87	0.0569	0.0614	0.0801	0.0723	0.0678	0.1100	167.5	152.8	138.1	123.4	108.8	94.1	79.4	64.7	50.0
12	18	33	2.43	0.0830	0.0885	0.1227	0.1018	0.0963	0.1624	167.5	152.8	138.1	123.4	108.8	94.1	79.4	64.7	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.30	0.0297	0.0323	0.0381	0.0387	0.0361	0.0528	358.2	179.1	105.9	59.6	38.1	26.5	19.5	14.9	11.8	
12	22	50	1.53	0.0385	0.0419	0.0512	0.0503	0.0469	0.0714	388.2	194.1	129.4	80.0	51.2	35.5	26.1	20.0	15.8	12.8
12	20	33	1.87	0.0569	0.0614	0.0801	0.0723	0.0678	0.1100	386.4	193.2	128.8	83.4	53.4	37.1	27.2	20.9	16.5	13.4
12	18	33	2.43	0.0830	0.0885	0.1227	0.1018	0.0963	0.1624	665.5	332.7	221.8	127.8	81.8	56.8	41.7	32.0	25.3	20.5

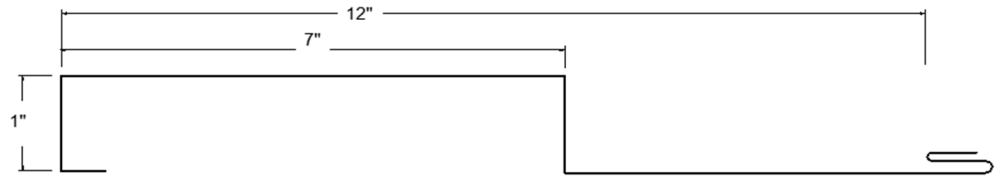


FIGURE 1—47 CR-B (CT-5) CLIP FLANGE PANELS

Contour 1” CR-C (CT-6, NX-9) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.3	0.0284	0.0317	0.0378	0.04	0.0366	0.0531	137.5	123.4	109.4	95.3	81.3	67.2	53.2	39.1	25
12	22	50	1.53	0.0369	0.0413	0.0508	0.0521	0.0477	0.0715	175	159.4	143.4	128.1	112.5	96.9	81.3	65.6	50
12	20	33	1.87	0.0544	0.0604	0.0797	0.0752	0.0691	0.1098	175	159.4	143.4	128.1	112.5	96.9	81.3	65.6	50
12	18	33	2.43	0.0791	0.0868	0.1224	0.1059	0.0981	0.1615	175	159.4	143.4	128.1	112.5	96.9	81.3	65.6	50

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.3	0.0284	0.0317	0.0378	0.04	0.0366	0.0531	358.2	179.1	105	59.1	37.8	26.3	19.3	14.8	11.7	
12	22	50	1.53	0.0369	0.0413	0.0508	0.0521	0.0477	0.0715	383.6	191.8	127.9	79.3	50.8	35.3	25.9	19.8	15.7	12.7
12	20	33	1.87	0.0544	0.0604	0.0797	0.0752	0.0691	0.1098	386.4	193.2	128.8	83	53.1	36.9	27.1	20.8	16.4	13.3
12	18	33	2.43	0.0791	0.0868	0.1224	0.1059	0.0981	0.1615	665.5	332.7	221.8	127 .s	81.6	56.7	41.6	31.9	25.2	20.4

FIGURE 1—48 1” CR-C (CT-6, NX-9) CLIP FLANGE PANELS

Contour 1.5" CR-C (CT-6, NX-9) with Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.42	0.0742	0.0864	0.0681	0.1162	0.1040	0.1117	125.0	115.6	106.3	96.9	87.5	78.1	68.8	59.4	50.0
12	22	50	1.68	0.0934	0.1080	0.0874	0.1434	0.1289	0.1404	130.0	120.6	111.3	101.9	92.5	83.1	73.8	64.4	55.0
12	20	33	2.05	0.1349	0.1524	0.1333	0.1954	0.1778	0.2006	130.0	120.6	111.3	101.9	92.5	83.1	73.8	64.4	55.0
12	18	33	2.67	0.1950	0.2164	0.2021	0.2690	0.2475	0.2847	130.0	120.6	111.3	101.9	92.5	83.1	73.8	64.4	55.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.42	0.0742	0.0864	0.0681	0.1162	0.1040	0.1117	265.5	132.7	88.5	66.4	53.1	44.2	34.7	26.6	21.0	17.0
12	22	50	1.68	0.0934	0.1080	0.0874	0.1434	0.1289	0.1404	378.2	189.09	126.06	94.6	75.6	60.7	44.59	34.1	27.0	21.9
12	20	33	2.05	0.1349	0.1524	0.1333	0.1954	0.1778	0.2006	380.9	190.45	127.0	95.2	76.2	61.1	44.9	34.4	27.2	22.0
12	18	33	2.67	0.1950	0.2164	0.2021	0.2690	0.2475	0.2847	658.2	329.1	219.4	164.6	131.64	92.6	68.05	52.1	41.2	33.4

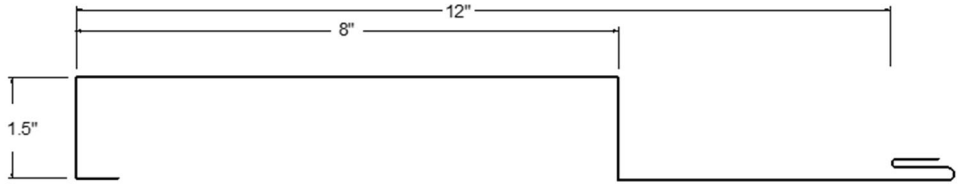


FIGURE 1—49 1.5” CR-C (CT-6, NX-9) CLIP FLANGE PANELS

Contour 1" CR-D (CT-7) with Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.30	0.0270	0.0311	0.0373	0.0410	0.0369	0.0530	187.5	171.9	156.3	140.6	125.0	109.9	93.8	78.1	62.5
12	22	50	1.53	0.0348	0.0402	0.0501	0.0535	0.0481	0.0713	212.5	192.2	171.9	151.6	131.3	110.9	90.6	70.3	50.0
12	20	33	1.87	0.0511	0.0586	0.0788	0.0771	0.0695	0.1088	212.5	192.2	171.9	151.6	131.3	110.9	90.6	70.3	50.0
12	18	33	2.43	0.0740	0.0838	0.1213	0.1080	0.0981	0.1591	212.5	192.2	171.9	151.6	131.3	110.9	90.6	70.3	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.30	0.0270	0.0311	0.0373	0.0410	0.0369	0.0530	358.2	179.1	103.6	58.3	37.3	25.9	19.0	14.6	11.5	
12	22	50	1.53	0.0348	0.0402	0.0501	0.0535	0.0481	0.0713	383.6	191.8	127.9	78.3	50.1	34.8	25.6	19.6	15.5	12.5
12	20	33	1.87	0.0511	0.0586	0.0788	0.0771	0.0695	0.1088	386.4	193.2	128.8	82.1	52.5	36.5	26.8	20.5	16.2	13.1
12	18	33	2.43	0.0740	0.0838	0.1213	0.1080	0.0981	0.1591	665.5	332.7	221.8	126.4	80.9	56.2	41.3	31.6	25.0	20.2

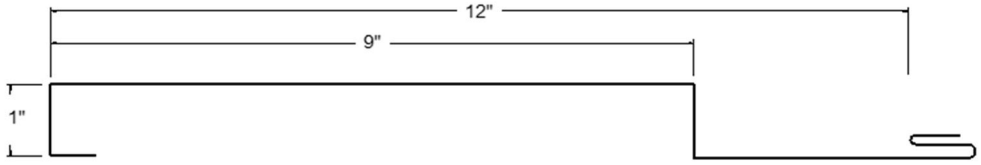


FIGURE 1—50 1" CR-D (CT-7) CLIP FLANGE PANELS

Contour 1.5" CR-D (CT-7) with Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.42	0.0701	0.0846	0.0669	0.1202	0.1057	0.1121	165.0	151.9	138.8	125.6	112.5	99.4	86.3	73.1	60.0
12	22	50	1.68	0.0881	0.1056	0.0859	0.1484	0.1309	0.1408	175.0	158.8	142.5	126.3	110.0	93.8	77.5	61.3	45.0
12	20	33	2.05	0.1269	0.1486	0.1314	0.2020	0.1802	0.1999	175.0	158.8	142.5	126.3	110.0	93.8	77.5	61.3	45.0
12	18	33	2.67	0.1830	0.2103	0.1996	0.2770	0.2497	0.2818	175.0	158.8	142.5	126.3	110.0	93.8	77.5	61.3	45.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\,(eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.42	0.0701	0.0846	0.0669	0.1202	0.1057	0.1121	265.5	132.7	88.5	66.4	53.1	44.2	34.1	26.1	20.7	16.7
12	22	50	1.68	0.0881	0.1056	0.0859	0.1484	0.1309	0.1408	378.2	189.09	126.06	94.6	75.6	59.7	43.83	33.6	26.5	21.5
12	20	33	2.05	0.1269	0.1486	0.1314	0.2020	0.1802	0.1999	380.9	190.45	126.97	95.2	76.2	60.2	44.3	33.9	26.8	21.7
12	18	33	2.67	0.1830	0.2103	0.1996	0.2770	0.2497	0.2818	658.2	329.1	219.4	164.6	131.64	91.5	67.21	51.46	40.7	32.9

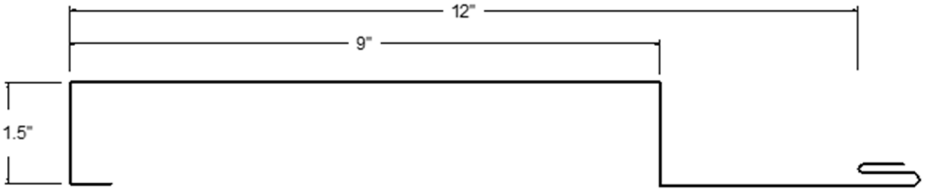


FIGURE 1—51 1.5" CR-D (CT-7) CLIP FLANGE PANELS

Contour CR-E (NX-8, IC70-12) Clip Flange

Panel profile and Fastening Schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18 ga. Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel) .

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'
12	24	50	1.30	0.0255	0.0324	0.0367	0.0495	0.0425	0.0658	200.0	175.8	151.6	127.5	103.3	79.1	55.0
12	22	50	1.53	0.0325	0.0409	0.0479	0.0616	0.0531	0.0832	212.5	185.4	158.3	131.2	104.1	77.0	50.0
12	20	33	1.87	0.0480	0.0588	0.0762	0.0851	0.0743	0.1199	212.5	185.4	158.3	131.2	104.1	77.0	50.0
12	18	33	2.43	0.0700	0.0839	0.1183	0.1180	0.1041	0.1713	212.5	185.4	158.3	131.2	104.1	77.0	50.0
12	0.032"	19	0.49	0.0940	0.0940	0.1413	0.0940	0.0940	0.2825	175.0	157.5	140.0	122.5	105.0	87.5	70.0
12	0.040"	19	0.59	0.1160	0.1160	0.1741	0.1160	0.1160	0.3464	175.0	157.5	140.0	122.5	105.0	87.5	70.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx}	Top in Compression $I_{xx\ (eff)}$	Top in Compression S_{xx}	Bottom in Compression I_{xx}	Bottom in Compression $I_{xx\ (eff)}$	Bottom in Compression S_{xx}	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.40	0.0255	0.0324	0.0367	0.0495	0.0425	0.0658	358.2	179.1	101.9	57.3	36.7	25.5	18.7	14.3	11.3	
12	22	50	1.65	0.0325	0.0409	0.0479	0.0616	0.0531	0.0832	492.7	246.36	133.06	74.84	47.9	33.26	24.44	18.71	14.8	12.0
12	20	33	1.95	0.0480	0.0588	0.0762	0.0851	0.0743	0.1199	474.6	237.27	141.11	79.4	50.8	35.3	25.92	19.8	15.7	12.7
12	18	33	2.52	0.0700	0.0839	0.1183	0.1180	0.1041	0.1713	779.09	389.55	219.1	123.23	78.87	54.77	40.24	30.81	24.3	19.7
12	0.032"	19	0.49	0.0940	0.0940	0.1413	0.0940	0.0940	0.2825	55.5	27.7	18.5	13.9	11.1					
12	0.040"	19	0.59	0.1160	0.1160	0.1741	0.1160	0.1160	.	86.4	43.2	28.8	21.6	17.3	14.4	12.34	10.8		

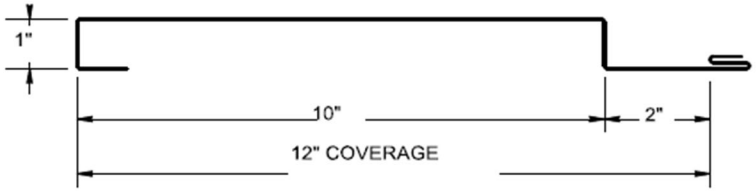


FIGURE 1—52 CR-E (NX-8, IC70-12) CLIP FLANGE PANELS

Contour CR-F (NX-7) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.30	0.0226	0.0281	0.0354	0.0416	0.0303	0.0515	137.5	125.0	112.5	100.0	87.5	75.0	62.5	50.0	37.5
12	22	50	1.53	0.0287	0.0360	0.0474	0.0539	0.0466	0.0685	112.5	103.1	93.8	83.4	75.0	65.6	56.3	46.9	37.5
12	20	33	1.87	0.0413	0.0513	0.0750	0.0759	0.0659	0.1002	112.5	103.1	93.8	83.4	75.0	65.6	56.3	46.9	37.5
12	18	33	2.43	0.0590	0.0712	0.1157	0.1010	0.0888	0.1362	112.5	103.1	93.8	83.4	75.0	65.6	56.3	46.9	37.5
12	.050"	19	2.50	0.1260	0.1260	0.4302	0.1260	0.1260	0.1773	175.0	159.4	143.8	128.1	112.5	98.9	81.3	65.6	50.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.30	0.0226	0.0281	0.0354	0.0416	0.0303	0.0515	358.2	179.1	98.4	55.3	35.4	24.6	18.1	13.8	10.9	
12	22	50	1.53	0.0287	0.0360	0.0474	0.0539	0.0466	0.0685	383.6	191.8	127.9	74.1	47.4	32.9	24.2	18.5	14.6	11.9
12	20	33	1.87	0.0413	0.0513	0.0750	0.0759	0.0659	0.1002	386.4	193.2	128.8	78.1	50.0	34.7	25.5	19.5	15.4	12.5
12	18	33	2.43	0.0590	0.0712	0.1157	0.1010	0.0888	0.1362	665.5	332.7	214.3	120.5	77.1	53.6	39.4	30.1	23.8	19.3
12	.040"	19	1.14	0.1040	0.1040	0.3555	0.1040	0.1040	0.1468	89.1	44.6	29.7	22.3	17.8	14.9	12.7	11.1	10	
12	.050"	19	2.50	0.1260	0.1260	0.4302	0.1260	0.1260	0.1773	142.7	71.4	47.6	35.7	28.6	23.8	20.4	17.8	15.9	14.3

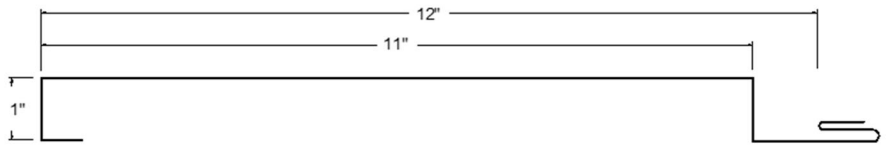


FIGURE 1—53 CR-F (NX-7) CLIP FLANGE PANELS

CR-G (NX-11) Clip Flange 1.5"

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.34	0.0330	0.0337	0.0408	0.0354	0.0347	0.0626	180.0	164.4	148.8	133.1	117.5	101.9	86.3	70.6	55.0
12	22	50	1.59	0.0420	0.0424	0.0527	0.0436	0.0431	0.0761	185.0	168.8	152.5	136.3	120.0	103.8	87.5	71.3	55.0
12	20	33	1.93	0.0615	0.0608	0.0803	0.0592	0.0598	0.1109	185.0	168.8	152.5	136.3	120.0	103.8	87.5	71.3	55.0
12	18	33	2.51	0.0890	0.0866	0.1203	0.0810	0.0833	0.1603	185.0	168.8	152.5	136.3	120.0	103.8	87.5	71.3	55.0
12	0.050"	19	2.50	0.1260	0.1260	0.4302	0.1260	0.1260	0.1773	180.0	164.4	148.7	133.1	117.5	101.9	86.2	70.6	55.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.34	0.0330	0.0337	0.0408	0.0354	0.0347	0.0626	270.0	135.0	90.0	63.8	40.8	28.4	20.8	16.0	12.6	10.2
12	22	50	1.59	0.0420	0.0424	0.0527	0.0436	0.0431	0.0761	383.6	191.82	127.88	82.3	52.7	36.6	26.89	20.6	16.3	13.2
12	20	33	1.93	0.0615	0.0608	0.0803	0.0592	0.0598	0.1109	385.5	192.73	128.48	82.8	53.0	36.8	27.0	20.7	16.4	13.3
12	18	33	2.51	0.0890	0.0866	0.1203	0.0810	0.0833	0.1603	664.6	332.3	220.6	124.1	79.4	55.1	40.51	31.0	24.5	19.9
12	0.040"	19	1.14	0.1040	0.1040	0.3555	0.1040	0.1040	0.1468	89.1	44.6	24.8	14.0	8.9	6.2	4.56	3.49	2.8	2.2
12	0.050"	19	2.50	0.1260	0.1260	0.4302	0.1260	0.1260	0.1773	142.7	71.4	38.0	21.4	13.7	10.0	7.0	5.3	4.2	3.4

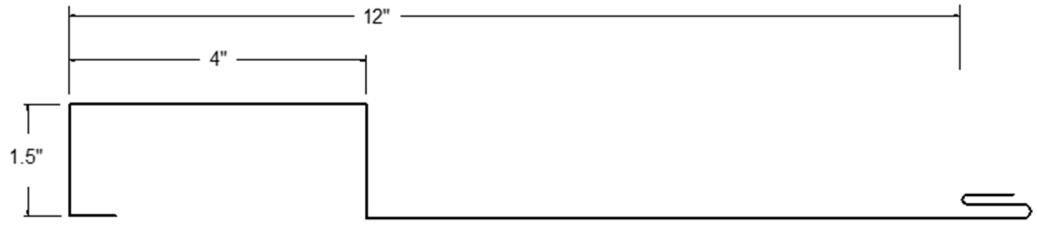


FIGURE 1—54 CR-G CLIP FLANGE PANELS

Chevron V Wall/Soffit with High Wind Clip

Panel Profile and fastening schedule

Fasten High Wind Clip to the support structure with (2) #14 screws in each end of the two slots. Fasten each panel screw flasnge to the High Wind Clip and into support structure with one (1) #10 screw.

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.49	0.0577	0.0599	0.0610	0.0654	0.0631	0.0761	156.1	141.5	126.8	112.2	97.6	82.9	68.3	53.6	39.0
12	22	50	1.76	0.0715	0.0734	0.0778	0.0782	0.0763	0.0917	156.1	142.1	128.1	114.1	100.2	86.2	72.2	58.2	44.2
12	20	33	2.14	0.0909	0.0926	0.1027	0.0968	0.0950	0.1153	156.1	142.1	128.1	114.1	100.2	86.2	72.2	58.2	44.2
12	18	33	2.78	0.1240	0.1248	0.1482	0.1270	0.1261	0.1560	156.1	142.1	128.1	114.1	100.2	86.2	72.2	58.2	44.2

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.49	0.0577	0.0599	0.0610	0.0654	0.0631	0.0761	551.8	275.9	169.4	95.3	61.0	42.4	31.1	23.8	18.8	15.3
12	22	50	1.76	0.0715	0.0734	0.0778	0.0782	0.0763	0.0917	756.4	378.2	216.1	121.6	77.8	54.0	39.7	30.4	24.0	19.5
12	20	33	2.14	0.0909	0.0926	0.1027	0.0968	0.0950	0.1153	761.8	380.9	188.3	105.9	67.8	47.1	34.6	26.5	20.9	17.0
12	18	33	2.78	0.1240	0.1248	0.1482	0.1270	0.1261	0.1560	1315.5	611.3	271.7	152.8	97.8	67.9	49.9	38.2	30.2	24.5

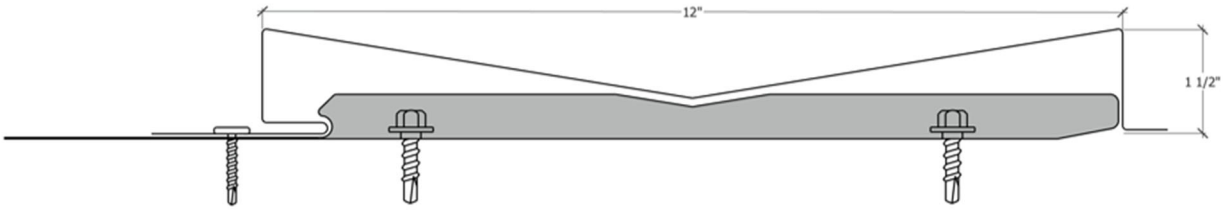


FIGURE 1—55 CHEVRON V CLIP FLANGE PANELS (SWC CLIPS)

Chevron V Wall/Soffit- Stitch Screw

Panel Profile and fastening schedule

Two (2) #10 screws fastened at each support and No. 14 screw at 24" on center at each panel vertical leg

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf (For various support spacings (i.e. span values) — Negative Load) 2'	2.5'	3'	3.5'	4'	4.5	5'
12	24	50	1.49	0.0577	0.0599	0.0610	0.0654	0.0631	0.0761	119.7	110.2	100.6	91.1	81.6	72.0	62.5
12	22	50	1.76	0.0715	0.0734	0.0778	0.0782	0.0763	0.0917	130.1	122.7	115.2	107.8	100.4	92.9	85.9
12	20	33	2.14	0.0909	0.0926	0.1027	0.0968	0.0950	0.1153	130.1	122.7	115.2	107.8	100.4	92.9	85.9
12	18	33	2.78	0.1240	0.1248	0.1482	0.1270	0.1261	0.1560	130.1	122.7	115.2	107.8	100.4	92.9	85.9

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf (For various support spacings (i.e. span values) — Positive Load) 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.49	0.0577	0.0599	0.0610	0.0654	0.0631	0.0761	551.8	275.9	169.4	95.3	61.0	42.4	31.1	23.8	18.8	15.3
12	22	50	1.76	0.0715	0.0734	0.0778	0.0782	0.0763	0.0917	756.4	378.2	216.1	121.6	77.8	54.0	39.7	30.4	24.0	19.5
12	20	33	2.14	0.0909	0.0926	0.1027	0.0968	0.0950	0.1153	761.8	380.9	188.3	105.9	67.8	47.1	34.6	26.5	20.9	17.0
12	18	33	2.78	0.1240	0.1248	0.1482	0.1270	0.1261	0.1560	1315.5	611.3	271.7	152.8	97.8	67.9	49.9	38.2	30.2	24.5

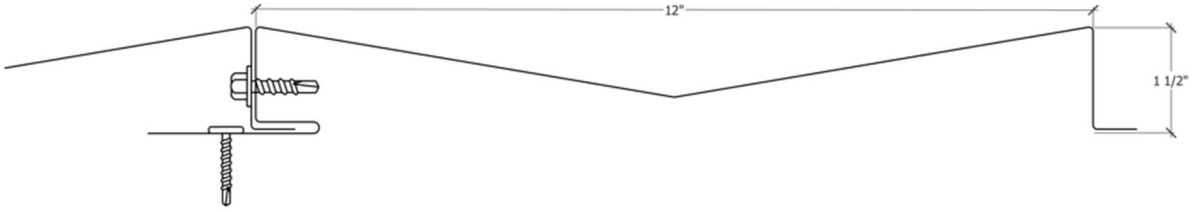


FIGURE 1—56 CHEVRON V SCREW FLANGE PANELS

Chevron W Wall/Soffit with High Wind Clip

Panel Profile and fastening schedule

Fasten High Wind Clip to the support structure with (2) #14 screws in each end of the two slots. Fasten each panel screw flasnge to the High Wind Clip and into support structure with one (1) #10 screw.

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf (For various clip spacings (i.e. span values) — Negative Load) 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.54	0.0746	0.0722	0.0869	0.0664	0.0688	0.0751	135.3	123.3	111.2	99.2	85.2	75.1	63.1	51.0	39.0
12	22	50	1.82	0.0942	0.0904	0.1126	0.0812	0.0850	0.0906	135.3	123.3	111.2	99.2	85.2	75.1	63.1	51.0	39.0
12	20	33	2.21	0.1370	0.1280	0.1687	0.1060	0.1150	0.1212	135.3	123.3	111.2	99.2	85.2	75.1	63.1	51.0	39.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf (For various clip spacings (i.e. span values) — Positive Load) 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.54	0.0746	0.0722	0.0869	0.0664	0.0688	0.0751	105.5	52.7	35.2	26.4	21.1	17.6	15.1	13.2	11.7	10.6
12	22	50	1.82	0.0942	0.0904	0.1126	0.0812	0.0850	0.0906	130.9	65.5	43.6	32.7	26.2	21.8	18.7	16.4	14.6	13.1
12	20	33	2.21	0.1370	0.1280	0.1687	0.1060	0.1150	0.1212	133.6	68.8	44.6	33.4	26.7	22.3	19.09	16.7	14.9	13.4

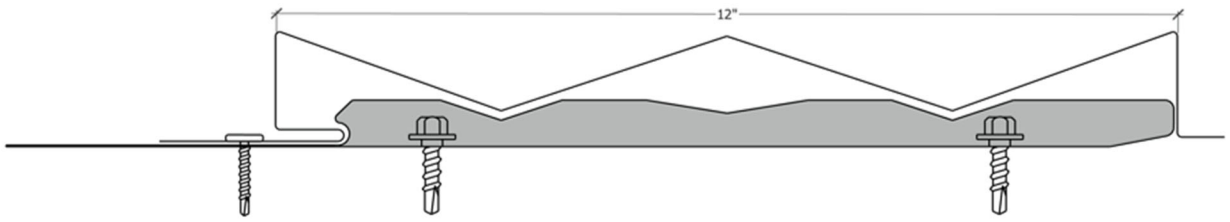


FIGURE 1—57 CHEVRON W CLIP FLANGE PANELS (SWC CLIPS)

Chevron W Wall/Soffit- Stitch Screw

Panel Profile and fastening schedule

Two (2) #10 screws fastened at each support and No. 14 screw at 24" on center at each panel vertical leg

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5'	4'	4.5	5'
12	24	50	1.54	0.0746	0.0722	0.0869	0.0664	0.0688	0.0751	130.1	119.7	109.3	98.9	88.5	78.1	67.7
12	22	50	1.82	0.0942	0.0904	0.1126	0.0812	0.0850	0.0906	130.1	119.7	109.3	98.9	88.5	78.1	67.7
12	20	33	2.21	0.1370	0.1280	0.1687	0.1060	0.1150	0.1212	130.1	119.7	109.3	98.9	88.5	78.1	67.7

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.54	0.0746	0.0722	0.0869	0.0664	0.0688	0.0751	105.5	52.7	35.2	26.4	21.1	17.6	15.1	13.2	11.7	10.6
12	22	50	1.82	0.0942	0.0904	0.1126	0.0812	0.0850	0.0906	130.9	65.5	43.6	32.7	26.2	21.8	18.7	16.4	14.6	13.1
12	20	33	2.21	0.1370	0.1280	0.1687	0.1060	0.1150	0.1212	133.6	68.8	44.6	33.4	26.7	22.3	19.09	16.7	14.9	13.4

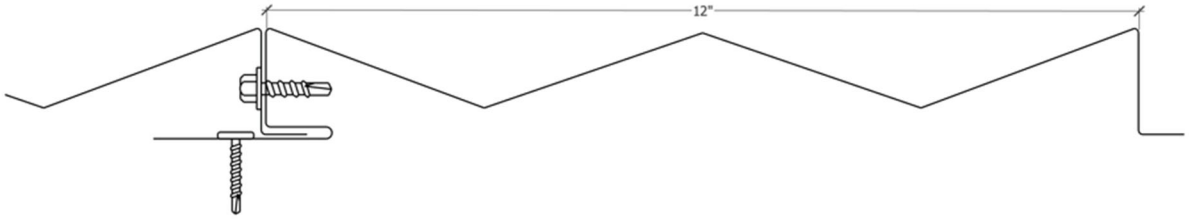


FIGURE 1—58 CHEVRON W SCREW FLANGE PANELS

SmoothWall 100/Soffit Screw Flange- Stitch Screw

Panel Profile and fastening schedule

Two (2) #10 screws fastened at each support and No. 14 screw at 24" on center at each panel verticl leg.

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)				
				Top in Compression			Bottom in Compression			Negative Load				
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5'	4'
12 5/8"	24	50	1.89	0.0204	0.0241	0.0354	0.0332	0.0295	0.0388	62.1	59.6	57.1	54.6	52.1
12	22	50	2.21	0.0279	0.0322	0.0507	0.0429	0.0385	0.0502	78.1	72.9	67.7	62.5	57.3
12	20	33	2.69	0.0372	0.0418	0.0742	0.0531	0.0485	0.0633	78.1	72.9	67.7	62.5	57.3
12	18	33	3.48	0.0540	0.0586	0.0957	0.0700	0.0653	0.0853	78.1	72.9	67.7	62.5	57.3

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12-5/8"	24	50	1.89	0.0204	0.0241	0.0354	0.0332	0.0295	0.0388	263.6	131.8	87.9	55.3	35.4	24.6	18.1	13.8	10.9	
12	24	50	1.89	0.0204	0.0241	0.0354	0.0332	0.0295	0.0388	263.6	131.8	87.9	55.3	35.4	24.6	18.1	13.8	10.9	
12	22	50	2.21	0.0279	0.0322	0.0507	0.0429	0.0385	0.0502	391.8	195.9	130.6	78.44	50.2	34.86	25.61	19.61	15.5	12.6
12	20	33	2.69	0.0372	0.0418	0.0742	0.0531	0.0485	0.0633	400.9	200.5	117.2	65.9	42.2	29.3	21.53	16.5	13.0	10.6
12	18	33	3.48	0.0540	0.0586	0.0957	0.0700	0.0653	0.0853	664.6	332.3	158.0	88.85	56.87	39.49	29.01	22.21	17.6	14.2

FIGURE 1—59 SMOOTHWALL 100/SOFFIT SCREW FLANGE PANELS

SmoothWall 100/Soffit with High Wind Clip

Panel Profile and fastening schedule

Fasten High Wind Clips to the support structure with two (2) #14 screws in each end of the two slots. Fasten each panel screw flange to the High Wind Clip and into support structure structure with one (1) #10 screw.

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)				
				Top in Compression			Bottom in Compression			Negative Load				
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'
12	24	50	1.31	0.0204	0.0241	0.0354	0.0332	0.0295	0.0388	140.5	119.7	98.9	78.1	57.3
12	22	50	1.61	0.0279	0.0322	0.0507	0.0429	0.0385	0.0502	156.1	135.3	114.5	93.7	72.9
12	20	33	1.86	0.0372	0.0418	0.0742	0.0531	0.0485	0.0633	156.1	135.3	114.5	93.7	72.9
12	18	33	2.42	0.0540	0.0586	0.0957	0.0700	0.0653	0.0853	156.1	135.3	114.5	93.7	72.9
12	0.032"	19	0.53	0.0640	0.0640	0.0310	0.0640	0.0640	0.0786	98.9	83.2	67.6	52.0	36.4
12	0.040"	19	0.76	0.0790	0.0790	0.3788	0.0790	0.0790	0.0966	98.9	83.2	67.6	52.0	36.4

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.89	0.0204	0.0241	0.0354	0.0332	0.0295	0.0388	263.6	131.8	87.9	55.3	35.4	24.6	18.1	13.8	10.9	
12	22	50	2.21	0.0279	0.0322	0.0507	0.0429	0.0385	0.0502	391.8	195.91	130.61	78.44	50.2	34.86	25.61	19.61	15.5	12.6
12	20	33	2.69	0.0372	0.0418	0.0742	0.0531	0.0485	0.0633	400.9	200.45	117.22	65.9	42.2	29.3	21.53	16.5	13.0	10.6
12	18	33	3.48	0.0540	0.0586	0.0957	0.0700	0.0653	0.0853	664.6	332.3	158.0	88.85	56.87	39.49	29.01	22.21	17.6	14.2
12	0.032"	19	0.52	0.0640	0.0640	0.0310	0.0640	0.0640	0.0786	47.3	23.6	15.8	11.8						
12	0.040"	19	1.14	0.0790	0.0790	0.3788	0.0790	0.0790	0.0966	73.6	36.8	24.6	18.4	14.7	12.3	10.52			

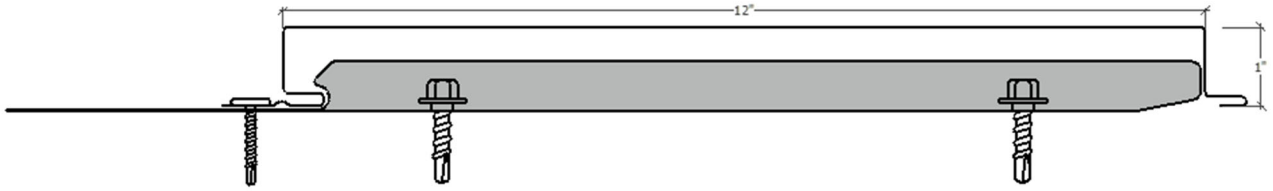


FIGURE 1—60 SMOOTHWALL 100/SOFFIT WITH HIGH WIND CLIP PANELS

SmoothWall 150 Wall/Soffit with High Wind Clip

Panel Profile and fastening schedule

Fasten High Wind Clip to the support structure with (2) #14 screws in each end of the two slots. Fasten each panel screw flasnge to the High Wind Clip and into support structure with one (1) #10 screw.

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.32	0.0629	0.0741	0.0648	0.1015	0.0903	0.0808	156.1	141.9	127.6	113.4	99.2	84.9	70.7	56.4	42.2
12	22	50	1.60	0.0786	0.0916	0.0835	0.1235	0.1105	0.0993	156.1	143.8	131.4	119.1	106.7	94.4	82.0	69.7	57.3
12	20	33	1.94	0.1112	0.1264	0.1288	0.1635	0.1483	0.1346	156.1	143.8	131.4	119.1	106.7	94.4	82.0	69.7	57.3
12	18	33	2.35	0.1550	0.1724	0.1953	0.2150	0.1976	0.1796	156.1	143.8	131.4	119.1	106.7	94.4	82.0	69.7	57.3

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.32	0.0629	0.0741	0.0648	0.1015	0.0903	0.0808	705.5	352.7	180.0	101.3	64.8	45.0	33.1	25.3	20.0	16.2
12	22	50	1.60	0.0786	0.0916	0.0835	0.1235	0.1105	0.0993	949.1	474.6	231.9	130.5	83.5	58.0	42.6	32.6	25.8	20.9
12	20	33	1.94	0.1112	0.1264	0.1288	0.1635	0.1483	0.1346	891.8	445.9	238.5	134.2	85.9	59.6	43.8	33.5	26.5	21.5
12	18	33	2.35	0.1550	0.1724	0.1953	0.2150	0.1976	0.1796	1425.5	712.7	332.6	187.1	119.7	83.2	61.1	46.8	37.0	29.9

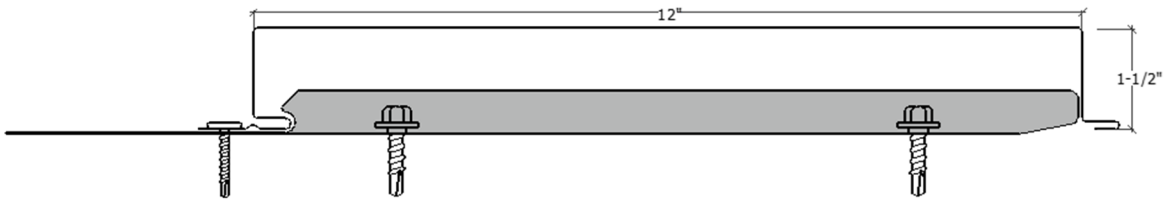


FIGURE 1—61 SMOOTHWALL 150 WITH HIGH WIND CLIP PANELS

SmoothWall 150 Wall/Soffit Screw Flange-Stitch Screw

Panel Profile and fastening schedule

Two (2) #10 screws fastened at each support and No. 14 screw at 24" on center at each panel vertical leg

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Negative Load 2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.38	0.0485	0.0588	0.0585	0.0841	0.0737	0.0678	78.1	74.6	71.2	67.7	64.2	60.8	57.3
12	22	50	1.64	0.0620	0.0527	0.0767	0.1031	0.0912	0.0824	101.5	98.5	95.4	92.4	89.4	86.3	83.3
12	20	33	2.00	0.0885	0.1014	0.1127	0.1332	0.1202	0.1078	101.5	98.5	95.4	92.4	89.4	86.3	83.3
12	18	33	2.60	0.1300	0.1442	0.1509	0.1790	0.1648	0.1462	101.5	98.5	95.4	92.4	89.4	86.3	83.3

Aluminum Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	0.040"	19	0.78	0.2550	0.2550	0.6398	0.2550	0.2550	0.2233	180.0	163.2	146.3	129.4	112.5	95.6	78.8	61.9	45.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.32	0.0629	0.0741	0.0648	0.1015	0.0903	0.0808	705.5	352.7	180.0	101.3	64.8	45.0	33.1	25.3	20.0	16.2
12	22	50	1.60	0.0786	0.0916	0.0835	0.1235	0.1105	0.0993	949.1	474.6	231.9	130.5	83.5	58.0	42.6	32.6	25.8	20.9
12	20	33	1.94	0.1112	0.1264	0.1288	0.1635	0.1483	0.1346	891.8	445.9	238.5	134.2	85.9	59.6	43.8	33.5	26.5	21.5
12	18	33	2.35	0.1550	0.1724	0.1953	0.2150	0.1976	0.1796	1425.5	712.7	332.6	187.1	119.7	83.2	61.1	46.8	37.0	29.9
12	0.032"	19	0.63	0.2060	0.2060	0.5184	0.2060	0.2060	0.1817	108.2	54.1	36.1	27.1	21.6	18.0	15.5	13.5	10.8	
12	0.040"	19	0.78	0.2550	0.2550	0.6398	0.2550	0.2550	0.2233	166.4	83.2	55.5	41.6	33.3	27.7	23.8	19.9	15.7	12.7

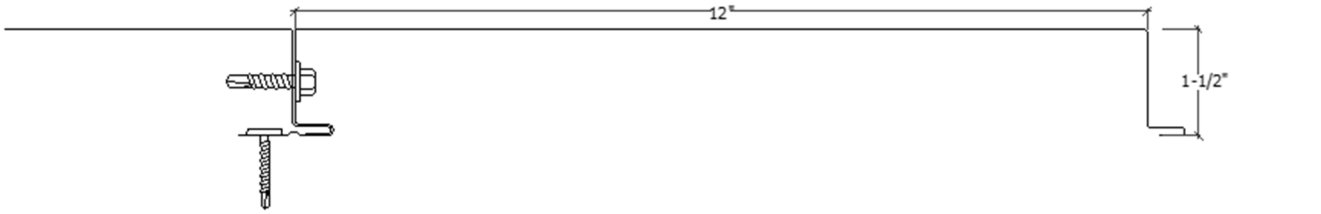


FIGURE 1—62 SMOOTHWALL 150 WITH STITCH SCREW PANELS

2-6-30 with 3 Screws

Panel Profile and fastening schedule

Minimum three (3) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Negative Load 2'	2.5'	3'	3.5	4'	4.5	5'
30	24	50	1.52	0.2490	0.2350	0.1968	0.2010	0.2150	0.1814	100.0	91.7	83.3	75.0	66.7	58.3	50.0
30	22	50	1.80	0.3048	0.2871	0.2438	0.2484	0.2615	0.2292	145.0	127.1	109.2	91.3	73.3	55.4	37.5
30	20	33	2.20	0.4040	0.3854	0.3378	0.3400	0.3585	0.3360	145.0	127.1	109.2	91.3	73.3	55.4	37.5
30	18	33	2.86	0.5360	0.5198	0.4512	0.4800	0.4962	0.5076	145.0	127.1	109.2	91.3	73.3	55.4	37.5

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\ (eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\ (eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
30	24	50	1.52	0.2490	0.2350	0.1968	0.2010	0.2150	0.1814	752.7	376.4	250.9	188.2	150.6	125.5	92.6	70.9	56.0	45.4
30	22	50	1.80	0.3048	0.2871	0.2438	0.2484	0.2615	0.2292	1096.4	548.2	365.5	274.1	219.3	159.2	116.94	89.5	70.7	57.3
30	20	33	2.20	0.4040	0.3854	0.3378	0.3400	0.3585	0.3360	1105.5	552.7	368.5	276.4	221.1	154.0	113.1	86.6	68.4	55.4
30	18	33	2.86	0.5360	0.5198	0.4512	0.4800	0.4962	0.5076	1911.8	955.9	637.3	465.3	297.8	206.8	151.93	116.3	91.9	74.5

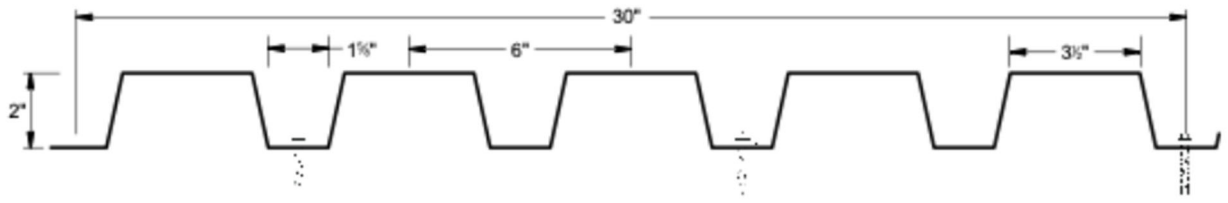


FIGURE 1—63 TMP 2-6-30 PANELS (3 SCREWS)

2-6-30 with 5 Screws

Panel Profile and fastening schedule

Minimum five (5) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5	4'	4.5	5'
36	24	50	1.28	0.0503	0.0604	0.0700	0.0853	0.0752	0.0795	180.0	163.3	146.7	130.0	113.3	96.7	80.0
36	22	50	1.51	0.0633	0.0758	0.0905	0.1067	0.0942	0.0993	135.0	125.8	116.7	107.5	98.3	89.2	80.0
36	20	33	1.84	0.0900	0.1026	0.1181	0.1333	0.1207	0.1286	135.0	125.8	116.7	107.5	98.3	89.2	80.0
36	18	33	2.39	0.1333	0.1449	0.1563	0.1733	0.1617	0.1663	135.0	125.8	116.7	107.5	98.3	89.2	80.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
30	24	50	1.52	0.2490	0.2350	0.1968	0.2010	0.2150	0.1814	752.7	376.4	250.9	188.2	150.6	125.5	92.6	70.9	56.0	45.4
30	22	50	1.80	0.3048	0.2871	0.2438	0.2484	0.2615	0.2292	1096.4	548.2	365.5	274.1	219.3	159.2	116.94	89.5	70.7	57.3
30	20	33	2.20	0.4040	0.3854	0.3378	0.3400	0.3585	0.3360	1105.5	552.7	368.5	276.4	221.1	154.0	113.1	86.6	68.4	55.4
30	18	33	2.86	0.5360	0.5198	0.4512	0.4800	0.4962	0.5076	1911.8	955.9	637.3	465.3	297.8	206.8	151.93	116.3	91.9	74.5

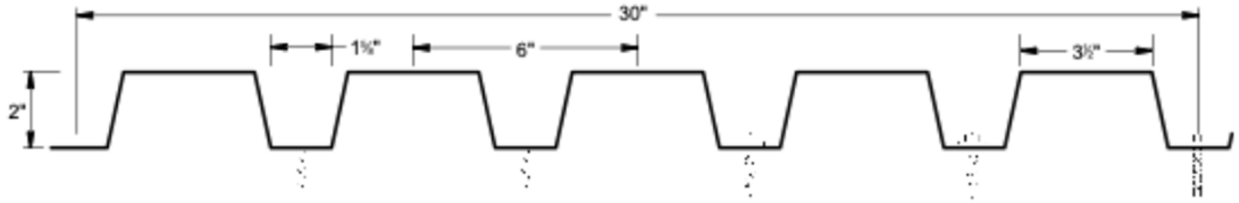


FIGURE 1—64 TMP 2-6-30 PANELS (5 SCREWS)

TMP 3-12-36 with 3 screws

Panel Profile and fastening schedule

Minimum three (3) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
36	24	50	1.29	0.3520	0.3330	0.1610	0.2870	0.3060	0.1540	85.0	77.1	69.2	61.3	53.3	45.4	37.5
36	22	50	1.53	0.4570	0.4340	0.2180	0.3770	0.4000	0.2160	90.0	83.3	76.7	70.0	63.3	56.7	50.0
36	20	33	1.87	0.6970	0.6510	0.3685	0.5370	0.5830	0.3330	90.0	83.3	76.7	70.0	63.3	56.7	50.0
36	18	33	2.43	0.9500	0.8929	0.5090	0.7530	0.8101	0.4850	90.0	83.3	76.7	70.0	63.3	56.7	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various fastener spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	24	50	1.29	0.3520	0.3330	0.1610	0.2870	0.3060	0.1540	420.0	210.0	140.0	105.0	84.0	70.0	60.0	52.2	46.7	38.5
36	22	50	1.53	0.4570	0.4340	0.2180	0.3770	0.4000	0.2160	599.1	299.6	190.7	149.8	119.8	99.9	85.6	74.9	66.6	54.0
36	20	33	1.87	0.6970	0.6510	0.3685	0.5370	0.5830	0.3330	606.4	303.2	202.1	151.6	121.3	101.1	86.6	75.8	67.4	54.9
36	18	33	2.43	0.9500	0.8929	0.5090	0.7530	0.8101	0.4850	1050.0	525.0	350.0	262.5	210.0	175.0	150.0	125.0	98.8	80.0

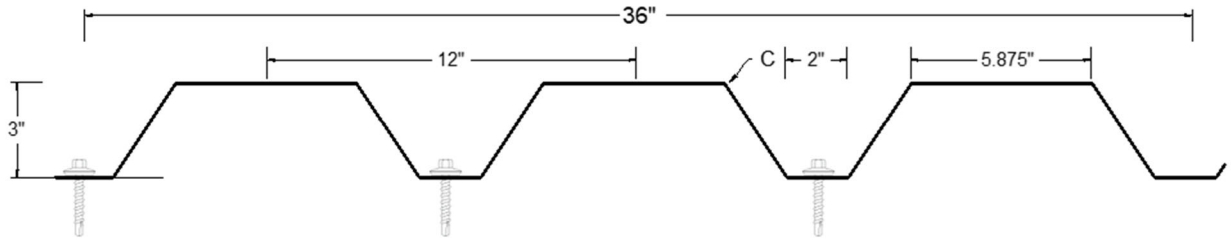


FIGURE 1—65 TMP 3-12-36 PANELS (3 SCREWS)

Contour CI-2-12 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.41	0.0440	0.0449	0.0864	0.0471	0.0462	0.0989	185.0	169.4	153.8	138.1	122.5	106.9	91.3	75.6	60.0
12	22	50	1.66	0.0546	0.0555	0.1092	0.0577	0.0568	0.1230	205.0	184.4	163.8	143.1	122.5	101.9	81.3	60.6	40.0
12	20	33	2.03	0.0741	0.0741	0.1561	0.0742	0.0742	0.1605	205.0	184.4	163.8	143.1	122.5	101.9	81.3	60.6	40.0
12	18	33	2.64	0.0970	0.0970	0.2061	0.0970	0.0970	0.2061	205.0	184.4	163.8	143.1	122.5	101.9	81.3	60.6	40.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.41	0.0440	0.0449	0.0864	0.0471	0.0462	0.0989	753.6	376.8	240.1	135.0	86.4	60.0	44.1	33.8	26.7	21.6
12	22	50	1.66	0.0546	0.0555	0.1092	0.0577	0.0568	0.1230	1088.2	544.1	303.3	170.6	109.2	75.8	55.7	42.7	33.7	27.3
12	20	33	2.03	0.0741	0.0741	0.1561	0.0742	0.0742	0.1605	1196.4	598.2	286.2	161.0	103.0	71.6	52.6	40.2	31.8	25.8
12	18	33	2.64	0.0970	0.0970	0.2061	0.0970	0.0970	0.2061	1886.4	850.2	377.9	212.5	136.0	94.5	69.4	53.1	42.0	34.0

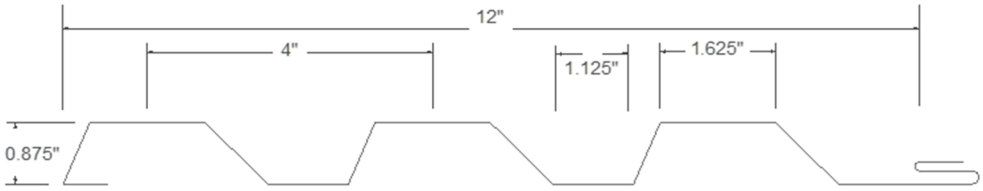


FIGURE 1—66 CI-2-12 CLIP PANELS

Contour CI-3-12 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.38	0.0332	0.0369	0.0622	0.0459	0.0422	0.0807	180.0	165.6	151.3	136.9	122.5	108.1	93.8	79.4	65.0
12	22	50	1.63	0.0461	0.0492	0.0794	0.0567	0.0536	0.1013	165.0	150.0	135.0	120.0	105.0	90.0	75.0	60.0	45.0
12	20	33	1.99	0.0582	0.0631	0.1187	0.0750	0.0701	0.1381	165.0	150.0	135.0	120.0	105.0	90.0	75.0	60.0	45.0
12	18	33	2.58	0.0810	0.0868	0.1701	0.1010	0.0952	0.1871	165.0	150.0	135.0	120.0	105.0	90.0	75.0	60.0	45.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.38	0.0332	0.0369	0.0622	0.0459	0.0422	0.0807	376.4	188.2	125.5	94.1	62.2	43.2	31.7	24.3	19.2	15.5
12	22	50	1.63	0.0461	0.0492	0.0794	0.0567	0.0536	0.1013	543.6	271.8	181.2	124.1	79.4	55.1	40.5	31.0	24.5	19.9
12	20	33	1.99	0.0582	0.0631	0.1187	0.0750	0.0701	0.1381	598.2	299.1	199.4	122.4	78.3	54.4	40.0	30.6	24.2	19.6
12	18	33	2.58	0.0810	0.0868	0.1701	0.1010	0.0952	0.1871	942.7	471.4	311.9	175.4	112.3	78.0	57.3	43.9	34.7	28.1

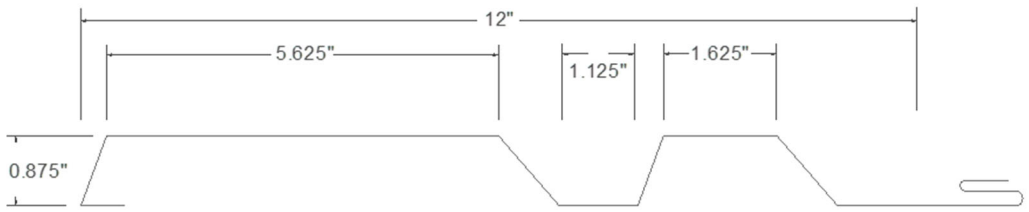


FIGURE 1—67 CI-3-12 CLIP PANELS

Contour CI-4-12 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.28	0.0317	0.0352	0.0610	0.0437	0.0402	0.0750	185.0	167.5	150.0	132.5	115.0	97.5	80.0	62.5	45.0
12	22	50	1.52	0.0396	0.0438	0.0781	0.0542	0.0500	0.0946	200.0	181.9	163.8	145.6	127.5	109.4	91.3	73.1	55.0
12	20	33	1.85	0.0552	0.0601	0.1171	0.0720	0.0671	0.1303	200.0	181.9	163.8	145.6	127.5	109.4	91.3	73.1	55.0
12	18	33	2.40	0.0760	0.0818	0.1633	0.0960	0.0902	0.1742	200.0	181.9	163.8	145.6	127.5	109.4	91.3	73.1	55.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.28	0.0317	0.0352	0.0610	0.0437	0.0402	0.0750	376.4	188.2	125.5	94.1	61.0	42.3	31.1	23.8	18.8	15.2
12	22	50	1.52	0.0396	0.0438	0.0781	0.0542	0.0500	0.0946	543.6	271.8	181.2	122.0	78.1	54.2	39.9	30.5	24.1	19.5
12	20	33	1.85	0.0552	0.0601	0.1171	0.0720	0.0671	0.1303	598.2	299.1	199.4	120.8	77.3	53.7	39.4	30.2	23.9	19.3
12	18	33	2.40	0.0760	0.0818	0.1633	0.0960	0.0902	0.1742	942.7	471.4	299.4	168.4	107.8	74.9	55.0	42.1	33.3	26.9

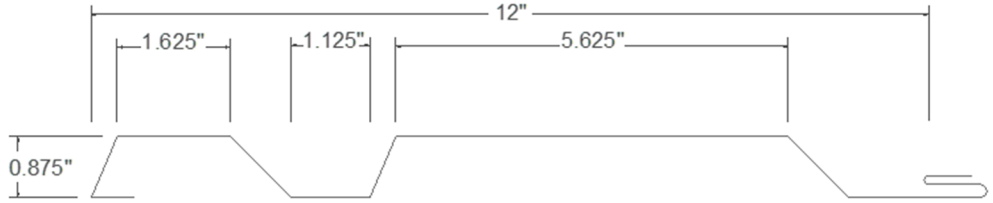


FIGURE 1—68 CI-4-12 CLIP PANELS

Contour CI-7-12 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.28	0.0395	0.0377	0.0635	0.0332	0.0350	0.0723	190.0	173.8	157.5	141.3	125.0	108.3	92.5	76.3	60.0
12	22	50	1.52	0.0493	0.0470	0.0804	0.0415	0.0437	0.0904	160.0	146.3	132.5	118.8	105.0	91.3	77.5	63.8	50.0
12	20	33	1.85	0.0680	0.0651	0.1154	0.0582	0.0610	0.1139	160.0	146.3	132.5	118.8	105.0	91.3	77.5	63.8	50.0
12	18	33	2.40	0.0900	0.0868	0.1532	0.0790	0.0822	0.1474	160.0	146.3	132.5	118.8	105.0	91.3	77.5	63.8	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.28	0.0395	0.0377	0.0635	0.0332	0.0350	0.0723	376.4	188.2	125.5	94.0	63.5	44.1	32.4	24.8	19.6	15.9
12	22	50	1.52	0.0493	0.0470	0.0804	0.0415	0.0437	0.0904	543.6	271.8	181.2	125.6	80.4	55.8	41.0	31.4	24.8	20.1
12	20	33	1.85	0.0680	0.0651	0.1154	0.0582	0.0610	0.1139	598.2	299.1	199.4	117.5	75.2	52.2	38.4	29.4	23.2	18.8
12	18	33	2.40	0.0900	0.0868	0.1532	0.0790	0.0822	0.1474	942.7	471.4	271.2	152.5	97.6	67.8	49.8	38.1	30.1	24.4

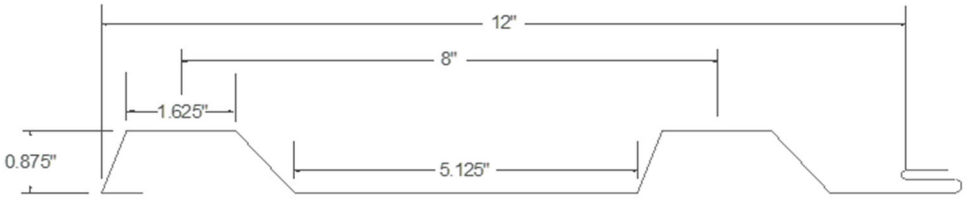


FIGURE 1—69 CI-7-12 CLIP PANELS

Contour CI-7-16 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5	3'	3.5'	4'	4.5'	5'
16	24	50	1.21	0.0331	0.0307	0.0494	0.0248	0.0272	0.0547	135.0	123.8	112.5	101.3	90.0	78.8	67.5	56.3	45.0
16	22	50	1.43	0.0421	0.0396	0.0625	0.0316	0.0346	0.0681	160.0	145.6	131.3	116.9	102.5	88.1	73.8	59.4	45.0
16	20	33	1.74	0.0579	0.0540	0.0896	0.0444	0.0830	0.0859	160.0	145.6	131.3	116.9	102.5	88.1	73.8	59.4	45.0
16	18	33	2.27	0.0774	0.0726	0.1192	0.0609	0.0659	0.1117	160.0	145.6	131.3	116.9	102.5	88.1	73.8	59.4	45.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.69	0.0338	0.0316	0.0504	0.0263	0.0284	0.0582	383.6	191.8	127.9	78.8	50.4	35.0	25.7	19.7	15.6	12.6
16	22	50	2.01	0.0421	0.0395	0.0639	0.0331	0.0357	0.0712	545.5	272.73	177.5	99.8	63.9	44.4	32.6	25.0	19.7	16.0
16	20	33	2.44	0.0593	0.0553	0.0921	0.0458	0.0497	0.0901	547.3	273.64	165.18	92.9	59.5	41.3	30.34	23.3	18.4	14.9
16	18	33	3.17	0.0804	0.0752	0.1267	0.0624	0.0676	0.1176	943.6	471.8	215.6	121.27	77.62	53.9	39.6	30.32	24.0	19.4

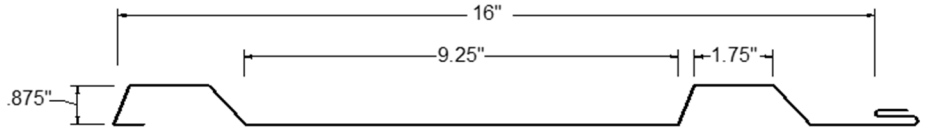


FIGURE 1—70 CI-7-16 CLIP FLANGE PANELS

Contour CI-8-12 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.22	0.0243	0.0259	0.0358	0.0298	0.0282	0.0489	165.0	152.5	140.0	127.5	115.0	102.5	90.0	77.5	65.0
12	22	50	1.44	0.0310	0.0329	0.0463	0.0376	0.0357	0.0632	185.0	168.8	152.5	136.3	120.0	103.8	87.5	71.3	55.0
12	20	33	1.75	0.0459	0.0482	0.0720	0.0538	0.0515	0.0968	185.0	168.8	152.5	136.3	120.0	103.8	87.5	71.3	55.0
12	18	33	2.28	0.0675	0.0700	0.1102	0.0759	0.0735	0.1419	185.0	168.8	152.5	136.3	120.0	103.8	87.5	71.3	55.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.22	0.0243	0.0259	0.0358	0.0298	0.0282	0.0489	188.2	94.1	62.7	47.1	35.8	24.9	18.3	14.0	11.0	8.9
12	22	50	1.44	0.0310	0.0329	0.0463	0.0376	0.0357	0.0632	271.8	135.9	90.6	68.0	46.3	32.1	23.6	18.1	14.3	11.6
12	20	33	1.75	0.0459	0.0482	0.0720	0.0538	0.0515	0.0968	295.5	147.7	98.5	73.9	47.5	33.0	24.2	18.6	14.6	11.9
12	18	33	2.28	0.0675	0.0700	0.1102	0.0759	0.0735	0.1419	471.8	235.9	157.3	113.6	72.7	50.5	37.1	28.4	22.5	18.2

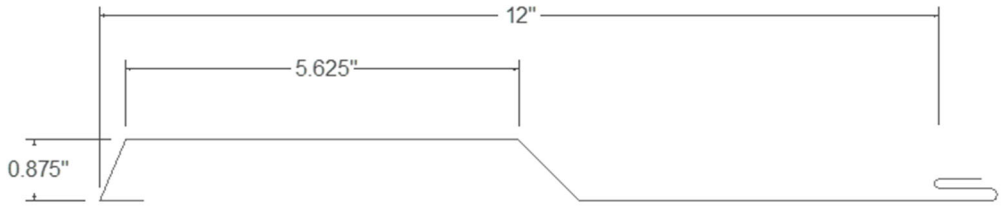


FIGURE 1—71 CI-8-12 CLIP FLANGE PANELS

Contour CI-9-12 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.30	0.0385	0.0370	0.0638	0.0339	0.0350	0.0731	170.0	156.3	142.5	128.8	115.0	101.3	87.5	73.8	60.0
12	22	50	1.54	0.0481	0.0460	0.0809	0.0417	0.0440	0.0921	190.0	173.8	157.5	141.3	125.0	108.8	92.5	76.3	60.0
12	20	33	1.88	0.0677	0.0640	0.1170	0.0556	0.0590	0.1158	190.0	173.8	157.5	141.3	125.0	108.8	92.5	76.3	60.0
12	18	33	2.44	0.0910	0.0870	0.1610	0.0760	0.0800	0.1513	190.0	173.8	157.5	141.3	125.0	108.8	92.5	76.3	60.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.30	0.0385	0.0370	0.0638	0.0339	0.0350	0.0731	383.6	191.8	127.9	95.9	63.8	44.3	32.5	24.9	19.7	15.9
12	22	50	1.54	0.0481	0.0460	0.0809	0.0417	0.0440	0.0921	545.5	272.73	181.82	126.4	80.9	56.2	41.28	31.6	25.0	20.2
12	20	33	1.88	0.0677	0.0640	0.1170	0.0556	0.0590	0.1158	547.3	273.64	182.42	119.4	76.4	53.1	39.0	29.9	23.6	19.1
12	18	33	2.44	0.0910	0.0870	0.1610	0.0760	0.0800	0.1513	943.6	471.8	277.4	156.0	99.9	69.4	51.0	39.0	30.8	25.0

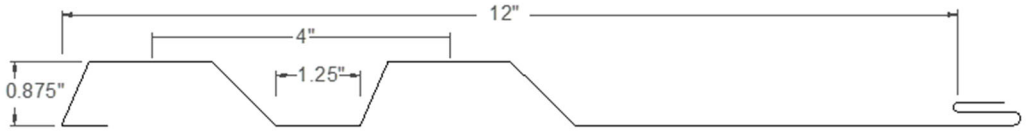


FIGURE 1—72 CI-9-12 CLIP FLANGE PANELS

Contour CI-9-16 Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
16	24	50	1.63	0.0330	0.0310	0.0500	0.0260	0.0280	0.0550	160.0	146.3	132.5	118.8	105.0	91.3	77.5	63.8	50.0
16	22	50	1.93	0.0420	0.0390	0.0640	0.0320	0.0350	0.0700	145.0	131.3	117.5	103.8	90.0	76.3	62.5	48.8	35.0
16	20	33	2.35	0.0590	0.0540	0.0920	0.0420	0.0470	0.0870	145.0	131.3	117.5	103.8	90.0	76.3	62.5	48.8	35.0
16	18	33	3.05	0.0800	0.0740	0.1270	0.0580	0.0640	0.1150	145.0	131.3	117.5	103.8	90.0	76.3	62.5	48.8	35.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various support spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
16	24	50	1.63	0.0330	0.0310	0.0500	0.0260	0.0280	0.0550	383.6	191.8	127.9	78.1	50.0	34.7	25.5	19.5	15.4	12.5
16	22	50	1.93	0.0420	0.0390	0.0640	0.0320	0.0350	0.0700	545.5	272.73	177.78	100.0	64.0	44.4	32.65	25.0	19.8	16.0
16	20	33	2.35	0.0590	0.0540	0.0920	0.0420	0.0470	0.0870	547.3	273.64	159.5	89.7	57.4	39.9	29.3	22.4	17.7	14.4
16	18	33	3.05	0.0800	0.0740	0.1270	0.0580	0.0640	0.1150	943.6	471.8	210.8	118.59	75.9	52.7	38.72	29.65	23.4	19.0

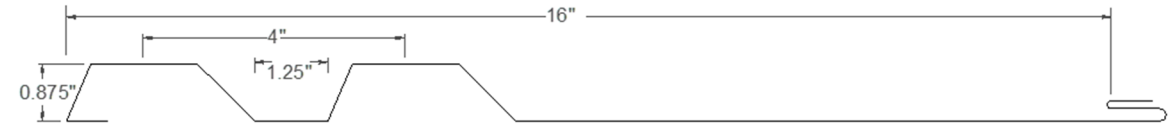


FIGURE 1—73 CI-9-16 CLIP FLANGE PANELS

Contour C-META (CT-2-12) Clip Flange

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation report using a minimum of two (2) #10 screws through the 18ga Standard Contour Clip. Fasteners must be placed inline with framing (perpendicular to the panel)

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
12	24	50	1.53	0.0263	0.0261	0.0715	0.0255	0.0257	0.0779	190.0	173.1	156.3	139.4	122.5	105.6	88.8	71.9	55.0
12	22	50	1.81	0.0323	0.0320	0.0908	0.0312	0.0315	0.0985	245.0	221.9	198.8	175.6	152.5	129.4	106.3	83.1	60.0
12	20	33	2.20	0.0423	0.0420	0.1257	0.0413	0.0416	0.1248	245.0	221.9	198.8	175.6	152.5	129.4	106.3	83.1	60.0
12	18	33	2.83	0.0530	0.0530	0.1572	0.0530	0.0523	0.1571	245.0	221.9	198.8	175.6	152.5	129.4	106.3	83.1	60.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Topin Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
12	24	50	1.53	0.0263	0.0261	0.0715	0.0255	0.0257	0.0779	1787.5	446.9	198.6	111.7	71.5	49.7	36.5	26.9	18.9	13.8
12	22	50	1.81	0.0323	0.0320	0.0908	0.0312	0.0315	0.0985	2270.0	567.5	252.22	141.9	90.8	63.1	46.33	32.9	23.1	16.9
12	20	33	2.20	0.0423	0.0420	0.1257	0.0413	0.0416	0.1248	2059.2	514.8	228.8	128.7	82.4	57.2	42.0	32.2	25.4	20.6
12	18	33	2.83	0.0530	0.0530	0.1572	0.0530	0.0523	0.1571	2592.2	648.0	288.0	162.0	103.69	72.0	52.9	40.5	32.0	25.9

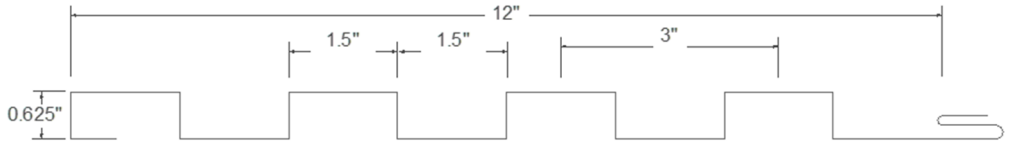


FIGURE 1—74 C-META CLIP FLANGE PANELS

TMP LiteWall .75-4-32 with 4 Screws

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation rpeort using a minimum of four (4) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
32	24	50	1.35	0.0326	0.0324	0.0709	0.0318	0.0320	0.0732	125.0	114.6	104.2	93.8	83.3	72.9	62.5
32	22	50	1.59	0.0412	0.0412	0.0908	0.0412	0.0412	0.0939	150.0	137.5	125.0	112.5	100.0	87.5	75.0
32	20	33	1.94	0.0562	0.0551	0.1347	0.0524	0.0535	0.1395	150.0	137.5	125.0	112.5	100.0	87.5	75.0
32	18	33	2.51	0.0749	0.0738	0.1910	0.0712	0.0723	0.1899	150.0	137.5	125.0	112.5	100.0	87.5	75.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	I_{xx} $in^4/ft.$	$I_{xx\ (eff)}$ $in^4/ft.$	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
32	24	50	1.35	0.0326	0.0324	0.0709	0.0318	0.0320	0.0732	1090.0	443.1	196.9	110.8	70.9	49.2	36.2	27.7	21.9	17.1
32	22	50	1.59	0.0412	0.0412	0.0908	0.0412	0.0412	0.0939	1548.2	567.5	252.2	141.9	90.8	63.1	46.3	35.5	28.0	21.7
32	20	33	1.94	0.0562	0.0551	0.1347	0.0524	0.0535	0.1395	1555.5	555.6	247.0	138.9	88.9	61.7	45.4	34.7	27.4	22.2
32	18	33	2.51	0.0749	0.0738	0.1910	0.0712	0.0723	0.1899	2678.2	783.3	348.2	195.8	125.3	87.0	64.0	49.0	38.7	31.3

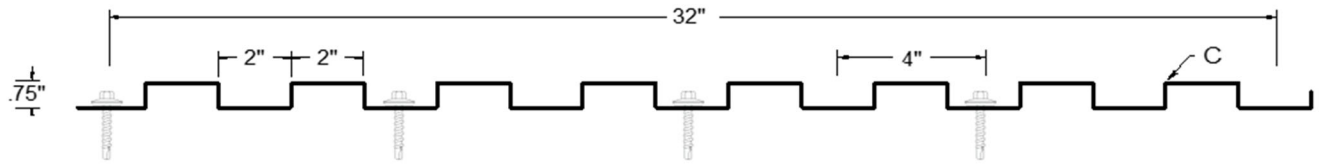


FIGURE 1—75 TMP LITE WALL .75-4-32 PANELS (4 SCREWS)

TMP Lite Wall .75-4-32 with 8 Screws

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluaiton report using a minimum eight (8) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
32	24	50	1.35	0.0326	0.0324	0.0709	0.0318	0.032	0.0732	185.0	173.3	161.7	150.0	138.3	126.7	115.0
32	22	50	1.59	0.0412	0.0412	0.0908	0.0412	0.0412	0.0939	170.0	155.0	140.0	125.0	110.0	95.0	80.0
32	20	33	1.94	0.0562	0.0551	0.1347	0.0524	0.0535	0.1395	170.0	155.0	140.0	125.0	110.0	95.0	80.0
32	18	33	2.51	0.0749	0.0738	0.191	0.0712	0.0723	0.1899	170.0	155.0	140.0	125.0	110.0	95.0	80.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
32	24	50	1.35	0.0326	0.0324	0.0709	0.0318	0.0320	0.0732	1090.0	443.1	196.9	110.8	70.9	49.2	36.2	27.7	21.9	17.1
32	22	50	1.59	0.0412	0.0412	0.0908	0.0412	0.0412	0.0939	1548.2	567.5	252.2	141.9	90.8	63.1	46.3	35.5	28.0	21.7
32	20	33	1.94	0.0562	0.0551	0.1347	0.0524	0.0535	0.1395	1555.5	555.6	247.0	138.9	88.9	61.7	45.4	34.7	27.4	22.2
32	18	33	2.51	0.0749	0.0738	0.1910	0.0712	0.0723	0.1899	2678.2	783.3	348.2	195.8	125.3	87.0	64.0	49.0	38.7	31.3

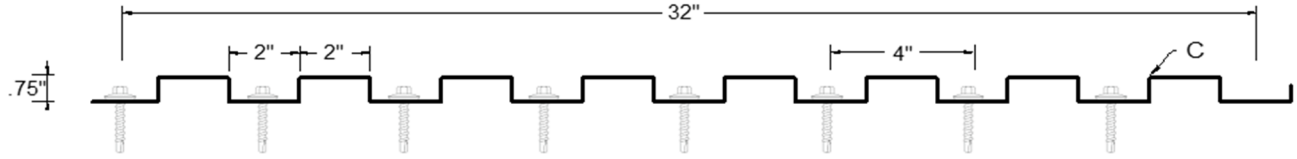


FIGURE 1—76 TMP LITE WALL .75-4-32 PANELS (8 SCREWS)

TMP Lite Wall .75-6-36 with 3 Screws

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation rpeort using a minimum of three (3) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
36	24	50	1.23	0.0203	0.0224	0.0488	0.0277	0.0255	0.0506	50.0	50.0	50.0	50.0	50.0	50.0	50.0
36	22	50	1.45	0.0267	0.0286	0.0635	0.0333	0.0314	0.0642	62.5	60.4	58.3	56.3	54.2	52.1	50.0
36	20	33	1.77	0.0367	0.0396	0.0908	0.0467	0.0438	0.0903	62.5	60.4	58.3	56.3	54.2	52.1	50.0
36	18	33	2.29	0.0533	0.0552	0.1177	0.0600	0.0581	0.1157	62.5	60.4	58.3	56.3	54.2	52.1	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	24	50	1.23	0.0203	0.0224	0.0488	0.0277	0.0255	0.0506	817.3	305.0	135.6	76.3	48.8	33.9	24.9	19.1	15.1	11.8
36	22	50	1.45	0.0267	0.0286	0.0635	0.0333	0.0314	0.0642	1160.9	396.9	176.4	99.2	63.5	44.1	32.4	24.8	19.6	15.1
36	20	33	1.77	0.0367	0.0396	0.0908	0.0467	0.0438	0.0903	1166.4	372.5	165.6	93.1	59.6	41.4	30.4	23.3	18.4	14.9
36	18	33	2.29	0.0533	0.0552	0.1177	0.0600	0.0581	0.1157	1909.1	477.3	212.1	119.3	76.4	53.0	39.0	29.8	23.6	19.1

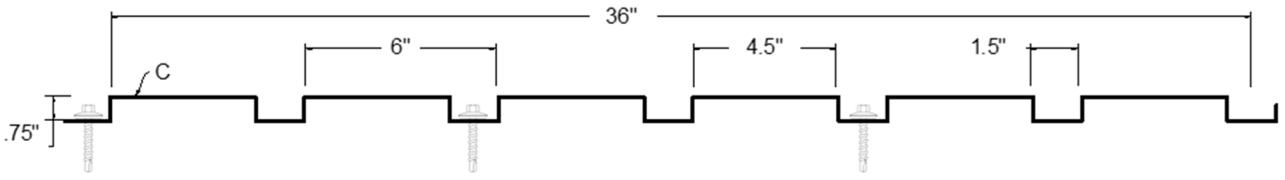


FIGURE 1—77 TMP LITE WALL .75-6-36 PANELS (3 SCREWS)

TMP Lite Wall .75-6-36 with 6 Screws

Panel Profile and fastening schedule

All panels must be attached to support as described in Section 3.2 of the evaluation rpeort using a minimum of six (6) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
36	24	50	1.23	0.0203	0.0224	0.0488	0.0277	0.0255	0.0506	130.0	122.5	115.0	107.5	100.0	92.5	85.0
36	22	50	1.45	0.0267	0.0286	0.0635	0.0333	0.0314	0.0642	125.0	120.0	115.0	110.0	105.0	100.0	95.0
36	20	33	1.77	0.0367	0.0396	0.0908	0.0467	0.0438	0.0903	125.0	120.0	115.0	110.0	105.0	100.0	95.0
36	18	33	2.29	0.0533	0.0552	0.1177	0.0600	0.0581	0.1157	125.0	120.0	115.0	110.0	105.0	100.0	95.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	24	50	1.23	0.0203	0.0224	0.0488	0.0277	0.0255	0.0506	817.3	305.0	135.6	76.3	48.8	33.9	24.9	19.1	15.1	11.8
36	22	50	1.45	0.0267	0.0286	0.0635	0.0333	0.0314	0.0642	1160.9	396.9	176.4	99.2	63.5	44.1	32.4	24.8	19.6	15.1
36	20	33	1.77	0.0367	0.0396	0.0908	0.0467	0.0438	0.0903	1166.4	372.5	165.6	93.1	59.6	41.4	30.4	23.3	18.4	14.9
36	18	33	2.29	0.0533	0.0552	0.1177	0.0600	0.0581	0.1157	1909.1	477.3	212.1	119.3	76.4	53.0	39.0	29.8	23.6	19.1

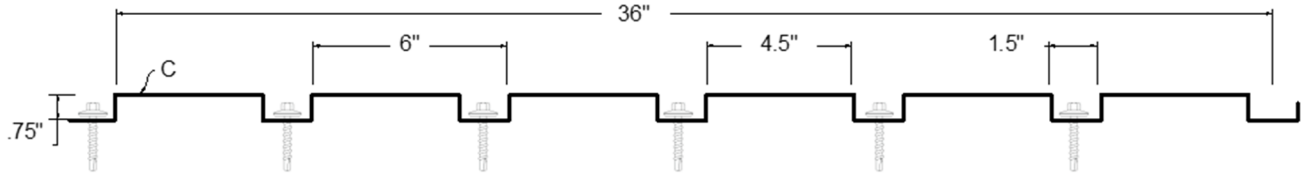


FIGURE 1—78 TMP LITE WALL .75-6-36 PANELS (6 SCREWS)

Shadowline 12-3 Wall/Soffit with High Wind Clip

Panel Profile and fastening schedule

Fasten High Wind Clip to the support structure with (2) #14 screws in each end of the two slots. Fasten each panel screw flasnge to the High Wind Clip and into support structure with one (1) #10 screw.

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'
15	24	50	1.58	0.0424	0.0530	0.0466	0.0790	0.0684	0.0654	119.7	104.5	89.3	74.1	59.0	43.8	28.6
15	22	50	1.87	0.0528	0.0662	0.0594	0.0992	0.0857	0.0835	119.7	104.5	89.3	74.1	59.0	43.8	28.6
15	20	33	2.29	0.0760	0.0966	0.0914	0.1472	0.1265	0.1306	119.7	104.5	89.3	74.1	59.0	43.8	28.6
15	18	33	2.97	0.1096	0.0947	0.1393	0.2008	0.1743	0.1844	119.7	104.5	89.3	74.1	59.0	43.8	28.6

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various fastener spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
15	24	50	1.58	0.0424	0.0530	0.0466	0.0790	0.0684	0.0654	306.4	153.2	102.1	72.8	46.6	32.3	23.8	18.2	14.4	11.6
15	22	50	1.87	0.0528	0.0662	0.0594	0.0992	0.0857	0.0835	500.9	250.5	164.9	92.8	59.4	41.2	30.3	23.2	18.3	14.8
15	20	33	2.29	0.0760	0.0966	0.0914	0.1472	0.1265	0.1306	469.1	234.6	156.4	94.3	60.3	41.9	30.8	23.6	18.6	15.1
15	18	33	2.97	0.1096	0.0947	0.1393	0.2008	0.1743	0.1844	810.0	405.0	255.4	143.7	91.9	63.9	46.9	35.9	28.4	23.0

FIGURE 1—79 SHADOWLINE 12-3 WITH HIGH WIND CLIP PANELS

ZigZag Wall/Soffit Screw Flange

Panel Profile and fastening schedule

Two (2) #10 screws fastened at each support and No. 14 screw at 24" on center at each panel vertical leg. Seam of the lap onto clip channel secured with 1/8" stainless steel rivet at 12" on center.

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
14	24	50	1.67	0.0365	0.0357	0.0705	0.0338	0.0345	0.0671	135.0	126.9	118.8	110.6	102.5	94.4	86.3	78.1	70.0
14	22	50	1.93	0.0407	0.0399	0.0821	0.0382	0.0389	0.0778	135.0	126.9	118.8	110.6	102.5	94.4	86.3	78.1	70.0
14	20	33	2.44	0.0506	0.0503	0.1023	0.0497	0.0499	0.1008	135.0	126.9	118.8	110.6	102.5	94.4	86.3	78.1	70.0
14	18	33	3.05	0.0626	0.0625	0.1261	0.0625	0.0625	0.1257	135.0	126.9	118.8	110.6	102.5	94.4	86.3	78.1	70.0

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
14	24	50	1.67	0.0365	0.0357	0.0705	0.0338	0.0345	0.0671	1520.0	419.4	186.4	104.8	67.1	46.6	34.2	26.2	20.7	16.8
14	22	50	1.93	0.0407	0.0399	0.0821	0.0382	0.0389	0.0778	1628.2	486.3	216.1	121.6	77.8	54.0	39.7	30.4	24.0	19.5
14	20	33	2.44	0.0506	0.0503	0.1023	0.0497	0.0499	0.1008	1680.0	420.0	186.7	105.0	67.2	46.7	34.3	26.3	20.7	16.8
14	18	33	3.05	0.0626	0.0625	0.1261	0.0625	0.0625	0.1257	2095.0	523.8	232.8	130.9	83.8	58.2	42.8	32.7	25.9	21.0

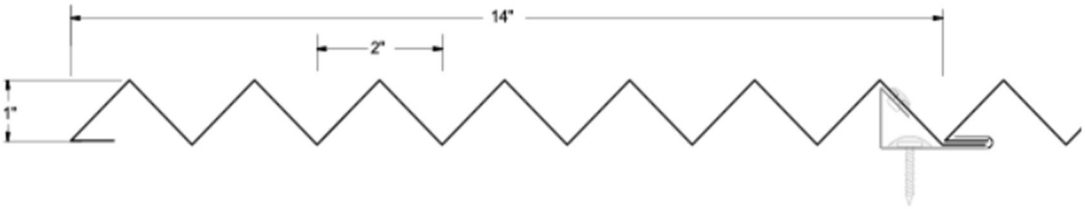


FIGURE 1—80 ZIGZAG PANELS

TMP 10 Alpha with 4 Screws

Panel Profile and fastening schedule

Minimum four (4) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom in Compression I_{xx} in⁴/ft.	Bottom in Compression $I_{xx\,(eff)}$ in⁴/ft.	Bottom in Compression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Negative Load 2'	2.5'	3'	3.5'	4'	4.5'	5'
28	24	50	1.61	0.1210	0.1160	0.1523	0.1038	0.1088	0.1451	165.0	147.9	130.8	113.8	96.7	79.6	62.5
28	22	50	1.90	0.1485	0.1428	0.1912	0.1288	0.1345	0.1849	150.0	143.3	136.7	130.0	123.3	116.7	110.0
28	20	33	2.31	0.1974	0.1911	0.2637	0.1759	0.1821	0.2618	150.0	143.3	136.7	130.0	123.3	116.7	110.0
28	18	33	2.99	0.2532	0.2507	0.3396	0.2446	0.2471	0.3427	150.0	143.3	136.7	130.0	123.3	116.7	110.0

POSITIVE LOAD

Width, in.	Gauge	Yield ksi	Weight psf	SECTION PROPERTIES: Top in Compression I_{xx} in⁴/ft.	Top in Compression $I_{xx\,(eff)}$ in⁴/ft.	Top in Compression S_{xx} in³/ft	Bottom inCompression I_{xx} in⁴/ft.	Bottom inCompression $I_{xx\,(eff)}$ in⁴/ft.	Bottom inCompression S_{xx} in³/ft	ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values) Positive Load 1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
28	24	50	1.61	0.1210	0.1160	0.1523	0.1038	0.1088	0.1451	1336.4	668.2	403.1	226.7	145.1	100.8	74.0	56.7	44.8	36.3
28	22	50	1.90	0.1485	0.1428	0.1912	0.1288	0.1345	0.1849	1900.9	950.5	513.6	288.9	184.9	128.4	94.34	72.2	57.1	46.2
28	20	33	2.31	0.1974	0.1911	0.2637	0.1759	0.1821	0.2618	1913.6	956.8	480.0	270.0	172.8	120.0	88.2	67.5	53.3	43.2
28	18	33	2.99	0.2532	0.2507	0.3396	0.2446	0.2471	0.3427	3301.8	1400.9	622.6	350.2	224.1	155.7	114.36	87.6	69.2	56.0

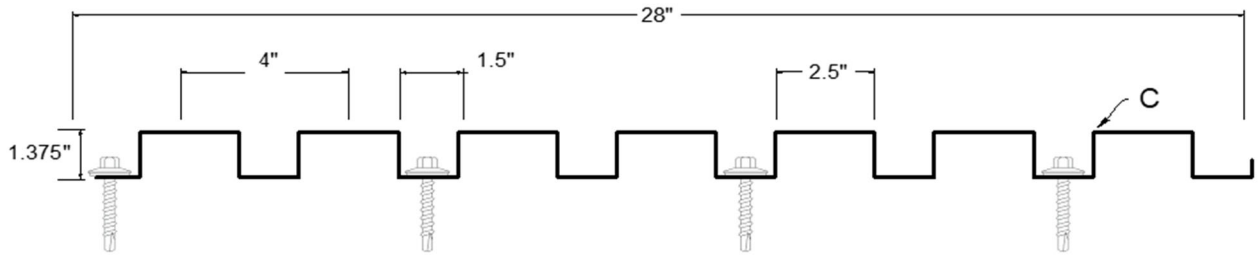


FIGURE 1—81 TMP 10 ALPHA PANELS (4 SCREWS)

TMP 10 Alpha with 7 Screws

Panel Profile and fastening schedule

Minimum seven (7) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
28	24	50	1.61	0.1210	0.1160	0.1523	0.1038	0.1088	0.1451	145.0	136.7	128.3	120.0	111.7	103.3	95.0
28	22	50	1.90	0.1485	0.1428	0.1912	0.1288	0.1345	0.1849	185.0	169.2	153.3	137.5	121.7	105.8	90.0
28	20	33	2.31	0.1974	0.1911	0.2637	0.1759	0.1821	0.2618	185.0	169.2	153.3	137.5	121.7	105.8	90.0
28	18	33	2.99	0.2532	0.2507	0.3396	0.2446	0.2471	0.3427	185.0	169.2	153.3	137.5	121.7	105.8	90.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom inCompression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
28	24	50	1.61	0.1210	0.1160	0.1523	0.1038	0.1088	0.1451	1336.4	668.2	403.1	226.7	145.1	100.8	74.0	56.7	44.8	36.3
28	22	50	1.90	0.1485	0.1428	0.1912	0.1288	0.1345	0.1849	1900.9	950.5	513.6	288.9	184.9	128.4	94.34	72.2	57.1	46.2
28	20	33	2.31	0.1974	0.1911	0.2637	0.1759	0.1821	0.2618	1913.6	956.8	480.0	270.0	172.8	120.0	88.2	67.5	53.3	43.2
28	18	33	2.99	0.2532	0.2507	0.3396	0.2446	0.2471	0.3427	3301.8	1400.9	622.6	350.2	224.1	155.7	114.36	87.6	69.2	56.0

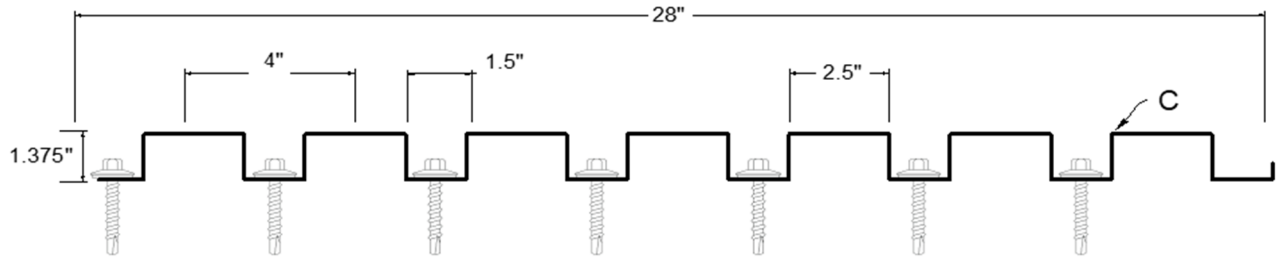


FIGURE 1—82 TMP 10 ALPHA PANELS (7 SCREWS)

TMP 10 Beta with 3 Screws

Panel Profile and fastening schedule

Minimum three (3) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
30	24	50	1.48	0.1209	0.1211	0.1243	0.1217	0.1218	0.1311	75.0	72.9	70.8	68.7	66.7	64.6	62.5
30	22	50	1.75	0.1500	0.1502	0.1580	0.1508	0.1506	0.1667	80.0	77.1	74.2	71.3	68.3	65.4	62.5
30	20	33	2.13	0.2093	0.2093	0.2345	0.2093	0.2093	0.2467	80.0	77.1	74.2	71.3	68.3	65.4	62.5
30	18	33	2.78	0.2946	0.2935	0.3450	0.2907	0.2918	0.3589	80.0	77.1	74.2	71.3	68.3	65.4	62.5

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
30	24	50	1.48	0.1209	0.1211	0.1243	0.1217	0.1218	0.1311	780.0	390.0	260.0	194.2	124.3	86.3	63.4	48.6	38.4	31.1
30	22	50	1.75	0.1500	0.1502	0.1580	0.1508	0.1506	0.1667	1046.4	523.2	348.8	246.9	158.0	109.7	80.61	61.7	48.8	39.5
30	20	33	2.13	0.2093	0.2093	0.2345	0.2093	0.2093	0.2467	1143.6	571.8	381.2	241.8	154.8	107.5	79.0	60.5	47.8	38.7
30	18	33	2.78	0.2946	0.2935	0.3450	0.2907	0.2918	0.3589	1973.6	986.8	632.5	355.8	227.7	158.1	116.17	89.0	70.3	56.9

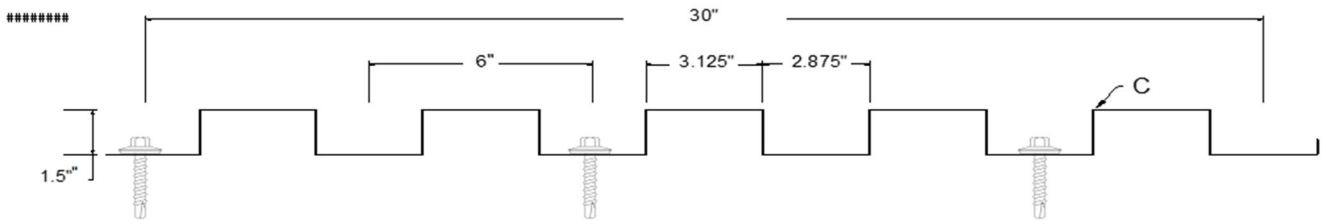


FIGURE 1—83 TMP 10 BETA PANELS (3 SCREWS)

TMP 10 Beta with 5 Screws

Panel Profile and fastening schedule

Minimum five (5) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
30	24	50	1.48	0.1209	0.1211	0.1243	0.1217	0.1218	0.1311	110.0	108.3	106.7	105.0	103.3	101.7	100.0
30	22	50	1.75	0.1500	0.1502	0.1580	0.1508	0.1506	0.1667	120.0	114.2	108.3	102.5	96.7	90.8	85.0
30	20	33	2.13	0.2093	0.2093	0.2345	0.2093	0.2093	0.2467	120.0	114.2	108.3	102.5	96.7	90.8	85.0
30	18	33	2.78	0.2946	0.2935	0.3450	0.2907	0.2918	0.3589	120.0	114.2	108.3	102.5	96.7	90.8	85.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
30	24	50	1.48	0.1209	0.1211	0.1243	0.1217	0.1218	0.1311	780.0	390.0	260.0	194.2	124.3	86.3	63.4	48.6	38.4	31.1
30	22	50	1.75	0.1500	0.1502	0.1580	0.1508	0.1506	0.1667	1046.4	523.2	348.8	246.9	158.0	109.7	80.61	61.7	48.8	39.5
30	20	33	2.13	0.2093	0.2093	0.2345	0.2093	0.2093	0.2467	1143.6	571.8	381.2	241.8	154.8	107.5	79.0	60.5	47.8	38.7
30	18	33	2.78	0.2946	0.2935	0.3450	0.2907	0.2918	0.3589	1973.6	986.8	632.5	355.8	227.7	158.1	116.17	89.0	70.3	56.9

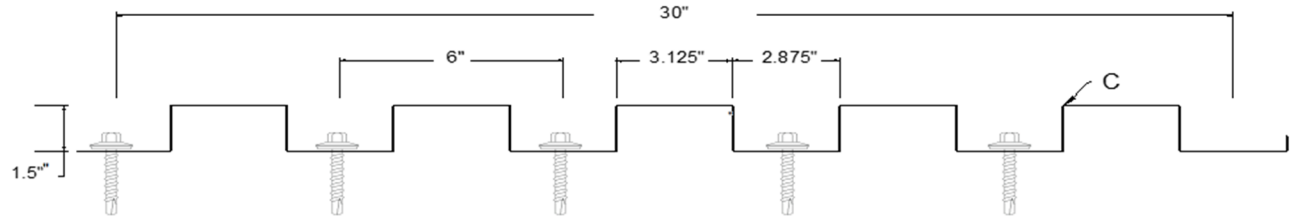


FIGURE 1—84 TMP 10 BETA PANELS (5 SCREWS)

TMP 10 Charlie with 3 Screws

Panel Profile and fastening schedule

Minimum three (3) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
30	24	50	1.42	0.0895	0.1017	0.1138	0.1318	0.1195	0.1252	75.0	68.8	62.2	56.3	50.0	43.8	37.5
30	22	50	1.69	0.1112	0.1257	0.1456	0.1612	0.1467	0.1553	110.0	102.1	94.2	86.3	78.3	70.4	62.5
30	20	33	2.05	0.1589	0.1724	0.1927	0.2054	0.1919	0.2000	110.0	102.1	94.2	86.3	78.3	70.4	62.5
30	18	33	2.67	0.2248	0.2360	0.2551	0.2635	0.2523	0.2591	110.0	102.1	94.2	86.3	78.3	70.4	62.5

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	I_{xx} in⁴/ft.	$I_{xx\ (eff)}$ in⁴/ft.	S_{xx} in³/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
30	24	50	1.42	0.0895	0.1017	0.1138	0.1318	0.1195	0.1252	780.0	390.0	260.0	195.0	125.2	86.9	63.9	48.9	38.6	31.3
30	22	50	1.69	0.1112	0.1257	0.1456	0.1612	0.1467	0.1553	1046.4	523.2	348.8	227.5	145.6	101.1	74.3	56.9	44.9	36.4
30	20	33	2.05	0.1589	0.1724	0.1927	0.2054	0.1919	0.2000	1143.6	571.8	353.3	198.7	127.2	88.3	64.9	49.7	39.3	31.8
30	18	33	2.67	0.2248	0.2360	0.2551	0.2635	0.2523	0.2591	1973.6	986.8	467.7	263.1	168.4	116.9	85.9	65.8	52.0	42.1

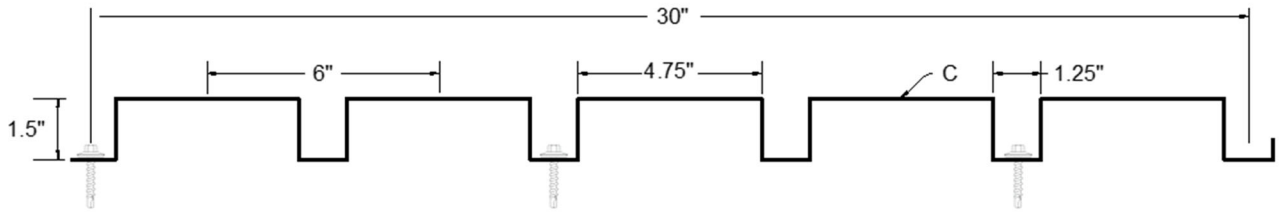


FIGURE 1—85 TMP 10 CHARLIE PANELS (3 SCREWS)

TMP 10 Charlie with 5 Screws

Panel Profile and fastening schedule

Minimum five (5) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
				Top in Compression			Bottom in Compression			Negative Load						
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	2'	2.5'	3'	3.5'	4'	4.5'	5'
30	24	50	1.42	0.0895	0.1017	0.1138	0.1318	0.1195	0.1252	130.0	120.8	111.7	102.5	93.3	84.2	75.0
30	22	50	1.69	0.1112	0.1257	0.1456	0.1612	0.1467	0.1553	125.0	117.5	110.0	102.5	95.0	87.5	80.0
30	20	33	2.05	0.1589	0.1724	0.1927	0.2054	0.1919	0.2000	125.0	117.5	110.0	102.5	95.0	87.5	80.0
30	18	33	2.67	0.2248	0.2360	0.2551	0.2635	0.2523	0.2591	125.0	117.5	110.0	102.5	95.0	87.5	80.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
30	24	50	1.42	0.0895	0.1017	0.1138	0.1318	0.1195	0.1252	780.0	390.0	260.0	195.0	125.2	86.9	63.9	48.9	38.6	31.3
30	22	50	1.69	0.1112	0.1257	0.1456	0.1612	0.1467	0.1553	1046.4	523.2	348.8	227.5	145.6	101.1	74.3	56.9	44.9	36.4
30	20	33	2.05	0.1589	0.1724	0.1927	0.2054	0.1919	0.2000	1143.6	571.8	353.3	198.7	127.2	88.3	64.9	49.7	39.3	31.8
30	18	33	2.67	0.2248	0.2360	0.2551	0.2635	0.2523	0.2591	1973.6	986.8	467.7	263.1	168.4	116.9	85.9	65.8	52.0	42.1

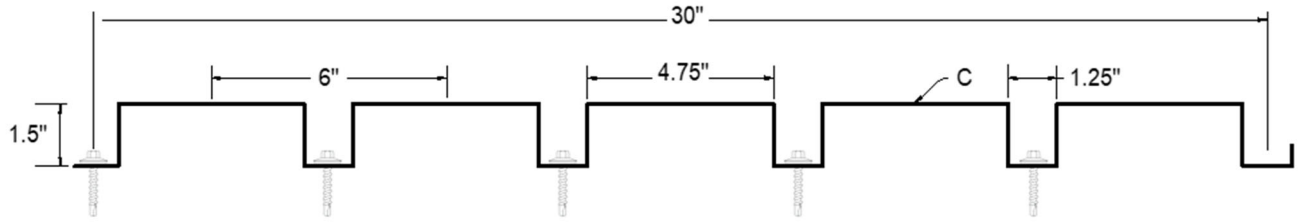


FIGURE 1—86 TMP 10 CHARLIE PANELS (5 SCREWS)

TMP 10 Delta with 2 Screws

Panel Profile and fastening schedule

Minimum two (2) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Negative Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'	
36	24	50	1.28	0.0503	0.0604	0.0700	0.0853	0.0752	0.0795	115.0	105.3	95.6	85.9	76.3	66.6	56.9	47.2	37.5	
36	22	50	1.51	0.0633	0.0758	0.0905	0.1067	0.0942	0.0993	125.0	114.1	103.1	92.2	81.3	70.3	59.7	48.4	37.5	
36	20	33	1.84	0.0900	0.1026	0.1181	0.1333	0.1207	0.1286	125.0	114.1	103.1	92.2	81.3	70.3	59.7	48.4	37.5	
36	18	33	2.39	0.1333	0.1449	0.1563	0.1733	0.1617	0.1663	125.0	114.1	103.1	92.2	81.3	70.3	59.7	48.4	37.5	

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (eff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	24	50	1.28	0.0503	0.0604	0.0700	0.0853	0.0752	0.0795	554.6	277.3	184.9	109.4	70.0	48.6	35.7	27.3	21.6	17.5
36	22	50	1.51	0.0633	0.0758	0.0905	0.1067	0.0942	0.0993	759.6	379.55	251.39	141.4	90.5	62.9	46.17	35.4	27.9	22.6
36	20	33	1.84	0.0900	0.1026	0.1181	0.1333	0.1207	0.1286	764.6	382.27	216.52	121.8	78.0	54.1	39.8	30.5	24.1	19.5
36	18	33	2.39	0.1333	0.1449	0.1563	0.1733	0.1617	0.1663	1319.1	644.7	286.6	161.2	103.16	71.6	52.63	40.3	31.8	25.8

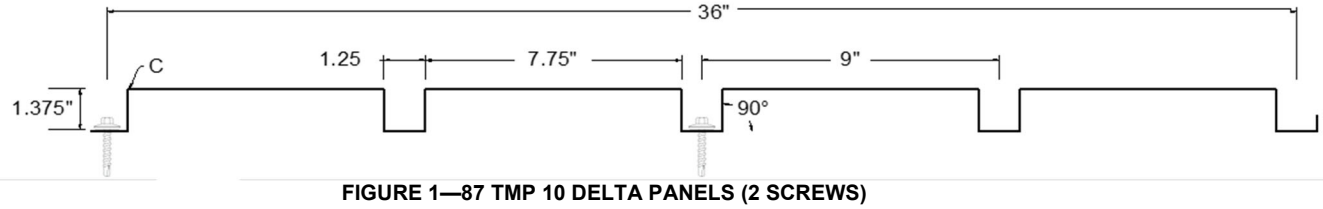


FIGURE 1—87 TMP 10 DELTA PANELS (2 SCREWS)

TMP 10 Delta with 4 Screws

Panel Profile and fastening schedule

Minimum four (4) No. 12 hex-head screws across the panel width at all supports. Sidelap fasteners are No. 14 hex head screw, Lap Tek self-drilling screw at 12" OC

NEGATIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
				Top in Compression			Bottom in Compression			Negative Load								
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (stiff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (stiff)}$ in^4/ft.	S_{xx} in^3/ft	1'	1.5'	2'	2.5'	3'	3.5'	4'	4.5'	5'
36	24	50	1.28	0.0503	0.0604	0.0700	0.0853	0.0752	0.0795	200.0	185.0	170.0	155.0	140.0	125.0	110.0	95.0	80.0
36	22	50	1.51	0.0633	0.0758	0.0905	0.1067	0.0942	0.0993	185.0	168.1	151.3	134.4	117.5	100.6	83.8	66.9	50.0
36	20	33	1.84	0.0900	0.1026	0.1181	0.1333	0.1207	0.1286	185.0	168.l	151.3	134.4	117.5	100.6	83.8	66.9	50.0
36	18	33	2.39	0.1333	0.1449	0.1563	0.1733	0.1617	0.1663	185.0	168.1	151.3	134.4	117.5	100.6	83.8	66.9	50.0

POSITIVE LOAD

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)									
				Top in Compression			Bottom in Compression			Positive Load									
Width, in.	Gauge	Yield ksi	Weight psf	I_{xx} in^4/ft.	$I_{xx\ (stiff)}$ in^4/ft.	S_{xx} in^3/ft	I_{xx} in^4/ft.	$I_{xx\ (stiff)}$ in^4/ft.	S_{xx} in^3/ft	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'
36	24	50	1.28	0.0503	0.0604	0.0700	0.0853	0.0752	0.0795	554.6	277.3	184.9	109.4	70.0	48.6	35.7	27.3	21.6	17.5
36	22	50	1.51	0.0633	0.0758	0.0905	0.1067	0.0942	0.0993	759.6	379.55	251.39	141.4	90.5	62.9	46.17	35.4	27.9	22.6
36	20	33	1.84	0.0900	0.1026	0.1181	0.1333	0.1207	0.1286	764.6	382.27	216.52	121.8	78.0	54.1	39.8	30.5	24.1	19.5
36	18	33	2.39	0.1333	0.1449	0.1563	0.1733	0.1617	0.1663	1319.1	644.7	286.6	161.2	103.16	71.6	52.63	40.3	31.8	25.8

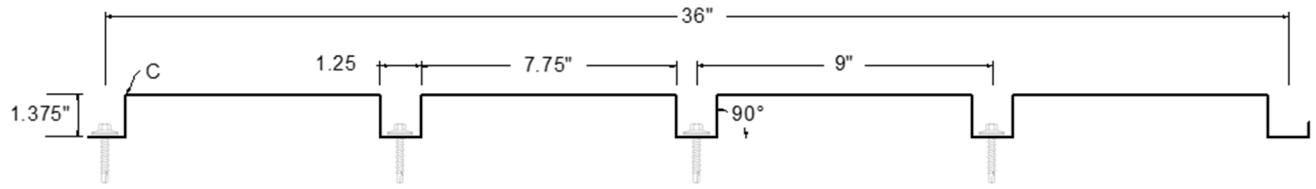
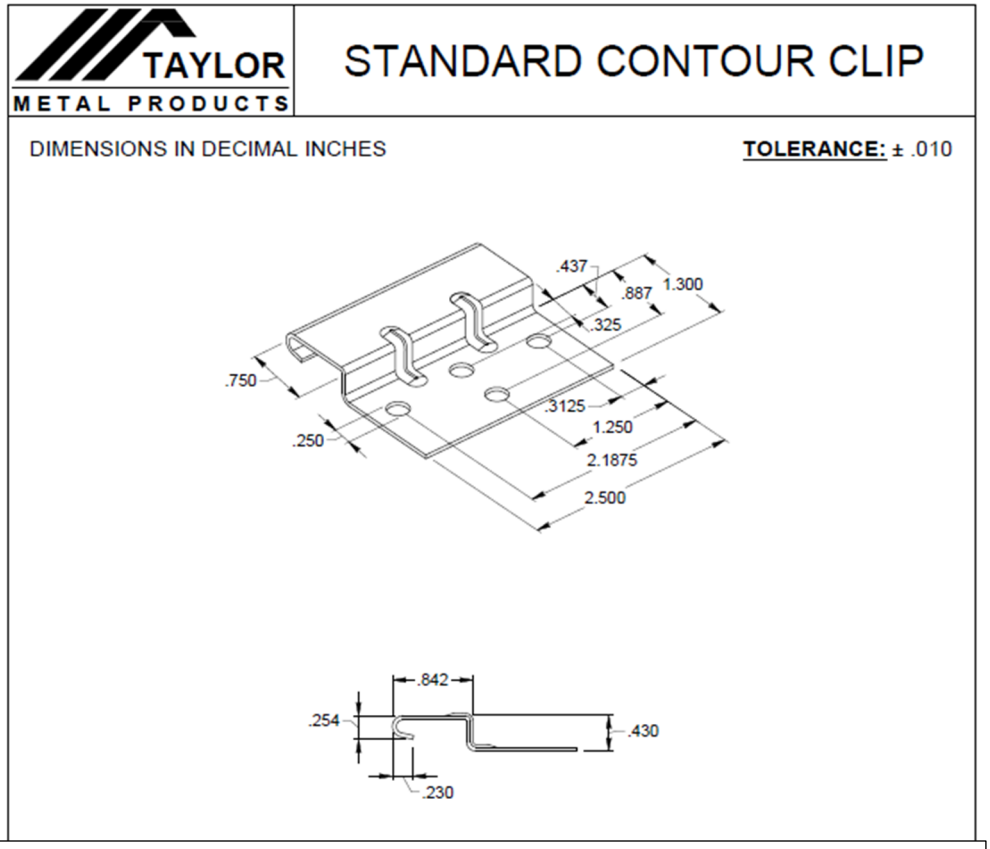
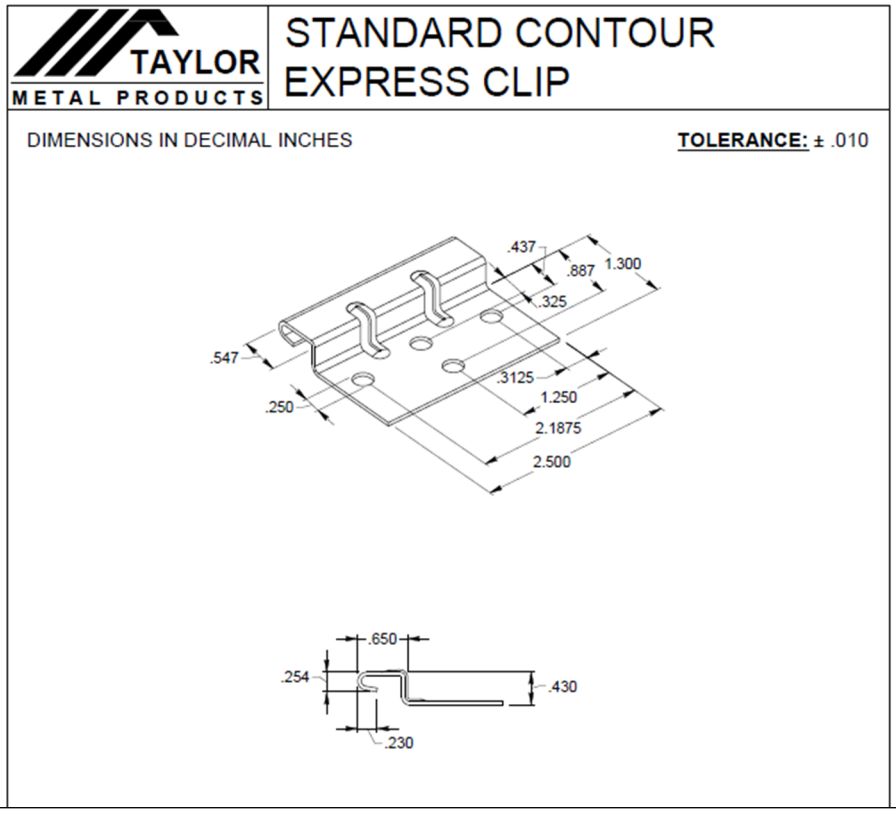


FIGURE 1—88 TMP 10 DELTA PANELS (4 SCREWS)



Manufactured for TMP by Clip Master



Manufactured for TMP by Clip Master

FIGURE 2- TMP CONTOUR SIDING CLIPS

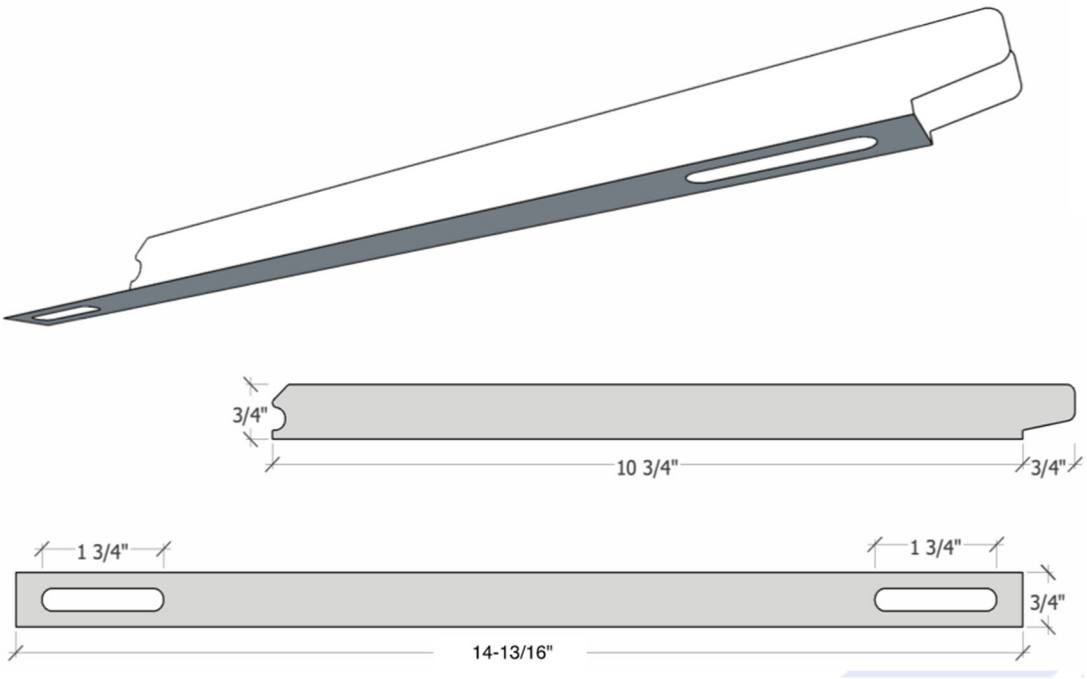


FIGURE 3- TMP SMOOTHWALL HIGH WIND CLIPS

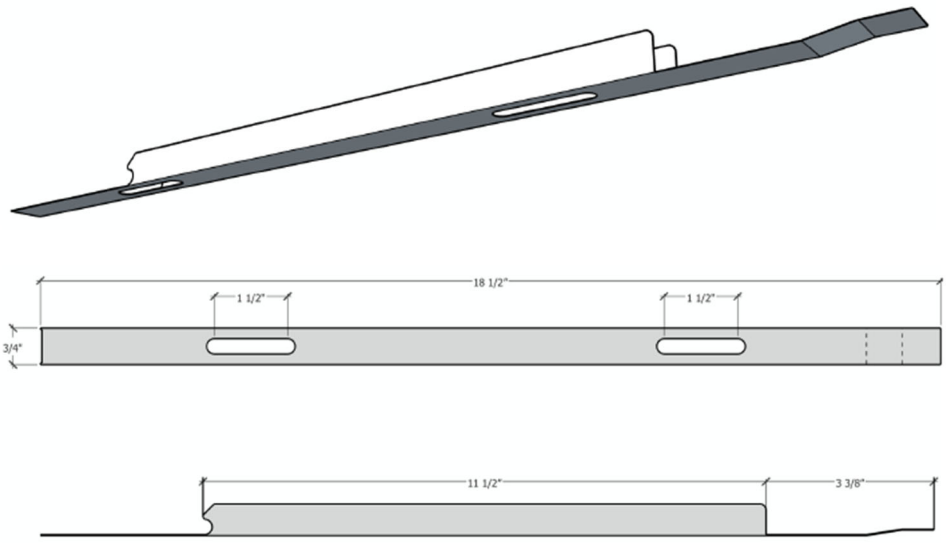


FIGURE 4- SHADOWLINE HIGH WIND CLIPS

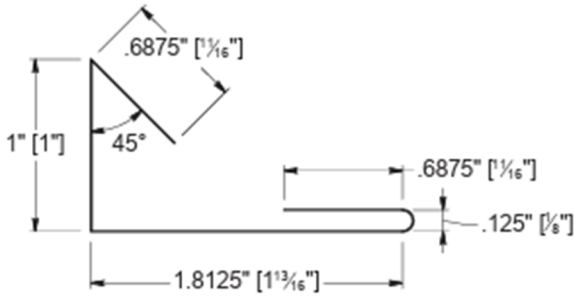


FIGURE 5--ZIGZAG CLIP

ICC-ES Evaluation Report

ESR-5045 City of LA Supplement

Reissued April 2026

This report is subject to renewal April 2027.

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DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 46 16—Aluminum Siding
Section: 07 46 19—Steel Siding

REPORT HOLDER:

TAYLOR METAL, INC. (dba TAYLOR METAL PRODUCTS)

EVALUATION SUBJECT:

TMP METAL SIDING

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that TMP metal siding, described in ICC-ES evaluation report ESR-5045, has also been evaluated for compliance with the codes noted below as adopted by the Los Angeles Department of Building and Safety (LADBS).

Applicable code editions:

- 2023 *City of Los Angeles Building Code* (LABC)
- 2023 *City of Los Angeles Residential Code* (LARC)

2.0 CONCLUSIONS

The TMP metal siding, described in Sections 2.0 through 7.0 of the evaluation report ESR-5045, complies with the LABC Chapter 14, and the LARC, and is subject to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The TMP metal siding described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the evaluation report ESR-5045.
- The design, installation, conditions of use and identification of the TMP metal siding are in accordance with the 2021 *International Building Code®* (IBC) provisions noted in the evaluation report ESR-5045.
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 14, 16 and 17, and LARC Section 703.3, as applicable.
- Under the LARC, an engineered design in accordance with LARC Section R301.1.3 must be submitted.

This supplement expires concurrently with the evaluation report, reissued April 2026.

ICC-ES Evaluation Report

ESR-5045 CA Supplement
w/DSA & OSHPD

Reissued April 2026

This report is subject to renewal April 2027.

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Purpose:

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Applicable code edition*(s)*:

- *2022 California Building Code* (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

- *2022 California Residential Code* (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The TMP metal siding, described in Sections 2.0 through 7.0 of the evaluation report ESR-5045, complies with CBC Chapter 14, provided the design and installation are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 14, 16 and 17, as applicable.

2.1.1 OSHPD:

The TMP metal siding, described in Sections 2.0 through 7.0 of the evaluation report ESR-5045, complies with CBC Chapter 14 with applicable amendments [OSHPD 1, 1R, 3, 4 and 5], provided the design and installation are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 16, 16A, 17 and 17A, as applicable.

2.1.2 DSA:

The TMP metal siding, described in Sections 2.0 through 7.0 of the evaluation report ESR-5045, complies with CBC Chapter 14 with applicable amendments [DSA-SS, DSA-SS/CC], provided the design and installation are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 16, 16A, and 17A, as applicable.

2.2 CRC:

The TMP metal siding, described in Sections 2.0 through 7.0 of the evaluation report ESR-5045, complies with CRC Chapter 7, provided the design and installation are in accordance with the 2021 *International Residential Code*® (IRC) provisions noted in the evaluation report and the additional requirements of CRC Chapter 3 and 7, as applicable.

This supplement expires concurrently with the evaluation report, reissued April 2026.