

ICC-ES Evaluation Report

ESR-1398P

Reissued June 2024

This report also contains:


- CBC Supplement

Subject to renewal June 2026

- LABC Supplement

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<p>DIVISION: 10 00 00— SPECIALTIES</p> <p>Section: 10 73 00— Protective Covers</p>	<p>REPORT HOLDER:</p> <p>ALUMAWOOD OUTDOOR LIVING</p>	<p>EVALUATION SUBJECT:</p> <p>ALUMAWOOD OUTDOOR LIVING— FREESTANDING AND ATTACHED ALUMINUM AND STEEL PATIO COVERS, CARPORTS AND COMMERCIAL STRUCTURES</p>	
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1.0 EVALUATION SCOPE

1.1 Compliance with the following codes:

- 2021, 2018, 2015, 2012, 2009 and 2006 [International Building Code® \(IBC\)](#)
- 2021, 2018, 2015, 2012, 2009 and 2006 [International Residential Code® \(IRC\)](#)

For evaluation for compliance with codes adopted by [Los Angeles Department of Building and Safety \(LADBS\)](#), see [ESR-1398P LABC and LARC Supplement](#).

Property evaluated:

- Structural

1.2 Evaluation to the following green code(s) and/or standards:

- 2022 [California Green Building Standards Code \(CALGreen\)](#), Title 24, Part 11
- 2020, 2015, 2012 and 2008 ICC 700 [National Green Building Standard™](#) (ICC 700-2020, ICC 700-2015, ICC 700-2012 and ICC 700-2008)

Attributes verified:

- See Section 3.1

2.0 USES

The Alumawood freestanding and attached aluminum and steel patio covers described in this report comply with Appendix I of the IBC and Appendix AH of the IRC (Appendix H of the 2018, 2015, 2012, 2009 and 2006 IRC). Freestanding and attached covers are also used as carports and commercial structures in accordance with the applicable chapters and sections of the IBC, including IBC Section 406 for carports.

3.0 DESCRIPTION

3.1 General:

The freestanding and attached patio covers, carports and commercial structures must be constructed according to the engineering plans accompanying this report and as indicated in this report. The covers must be unenclosed on two or three sides for attached patio covers, and on four sides for freestanding patio covers, carports and commercial structures. These cover components may have an embossed finish that simulates wood and are available in multiple colors. The cover products are marketed under the trade name Alumawood™.

The attributes of the patio cover system have been verified as conforming to the provisions of (i) CALGreen Section A4.404.3.3; (ii) ICC 700-2020, ICC 700-2015 and ICC 700-2012 Sections 601.5 and 11.601.4; and (iii) ICC 700-2008 Section 601.5. 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.

3.2 Materials:

3.2.1 Aluminum: The aluminum members are roll-formed and extruded shapes of various alloys and tempers, complying with Chapter 20 of the IBC and as specified in the engineering plans accompanying this report.

3.2.2 Steel: The steel members are formed from various grades of steel complying with ASTM A653 having a minimum galvanized coating designation as specified in the engineering plans accompanying this report.

3.2.3 Foam Plastic Core Sandwich Panels: Sandwich panels used with the Alumawood products to form patio covers are supplied by others and must be addressed in a current ICC-ES evaluation report for the end use specified in the engineering plans accompanying this report. Installation of sandwich panels must be in accordance with the sandwich panel evaluation report.

3.2.4 Mechanical Fasteners and Anchors: Mechanical fasteners and anchors, used for connection among components of the cover structures (including patio covers, carports and commercial structures), and for connection of the attached cover structures to the supporting structures, must be in accordance with the engineering plans accompanying this report.

4.0 DESIGN AND INSTALLATION

The design and installation of the patio covers, carports and commercial structures described in this report must be in accordance with this report and the applicable portions of the accompanying engineering plans dated December 16, 2022 (for the 2021 IBC/IRC); October 26, 2019 (for the 2018 IBC/IRC); January 12, 2017 (for the 2015 IBC/IRC); September 29, 2013 (for the 2012 IBC/IRC); October 11, 2011 (for the 2009 IBC/IRC); and June 1, 2010 (for the 2006 IBC/IRC); as referenced in [Tables 1](#) through [6](#).

For each specific cover project, the selected components and applicable portions of the engineering plans shall be identified to the satisfaction of the code official.

The ability of sandwich panels used with the Alumawood products to resist the applied loads is outside the scope of this report, and must be justified to the satisfaction of the code official based on the design information in the ICC-ES evaluation report on the sandwich panels.

5.0 CONDITIONS OF USE:

The Alumawood Outdoor Living Patio Covers, Carports and Commercial Structures 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** Construction of the patio covers, carports and commercial structures must comply with this report and with the applicable portions of the accompanying engineering plans referenced in Section 4.0.
- 5.2** Patio covers are limited to use as structures regulated under Appendix I of the IBC or Appendix AH of the IRC (Appendix H of the 2018, 2015, 2012, 2009 and 2006 IRC). For posts supporting gravity loads greater than 750 lbf (3336 N) when attached to 3.5-inch (89 mm) concrete slab on grade without footings, a registered design professional must provide design and calculations to the satisfaction of the code official.
- 5.3** Carports and commercial structures are limited to use as structures regulated by the applicable chapters and sections of the IBC, including IBC Section 406 for carports.
- 5.4** Under the 2012 and 2009 IBC and IRC, any cover unit with a flat roof snow load greater than 30 psf, which does not meet the applicability requirements of Exception 1 of IBC Section 1613.1, requires additional engineering and is outside the scope of this report.
- 5.5** Patio covers, carports and commercial structures installed in geographical areas described in Section 26.8.1 of ASCE 7 (Section 6.5.7.1 of ASCE 7-05 for the 2009 and 2006 IBC/IRC) are outside the scope of this report.
- 5.6** Effects of sliding snow described in Section 7.9 of ASCE 7 are outside the scope of this report.

- 5.7 The minimum uniform live load for patio covers must be 10 psf (47.88 Pa). The minimum uniform live load for carports or commercial structures must be 20 psf (95.76 Pa).
- 5.8 For attached patio cover structures, the mean roof height of the structure to which the patio cover is attached must not exceed 30 feet (9.1 m).
- 5.9 For attached cover units, the loads that are to be resisted by the structures to which the patios, carports and commercial structures are attached, are provided in the accompanying plans (e.g. Sheet Misc6-2021 for the 2021 IBC). The adequacy of the structures that support the additional loading from the attached units must be justified, by a registered design professional, when required by the jurisdiction where the project is located, and the justification is subject to the approval of the code official.
- 5.10 Plans, details and specifications concerning proper installation of the patio cover, carports, and commercial structures that are applicable to the specific building under consideration, must be part of the construction documents submitted to the code official for approval.
- 5.11 The aluminum and steel components of the patio covers carports and commercial structures are manufactured under a quality control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

Data in accordance with the [ICC-ES Acceptance Criteria for Patio Covers \(AC340\)](#), dated August 2018 (Editorially revised August 2021).

7.0 IDENTIFICATION

- 7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-1398) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.
- 7.2 In addition, each patio cover, carport or commercial structure bears a permanent decal or identifying tag noting the allowable roof live/ground snow load and the basic design wind speed and exposure.
- 7.3 The report holder's contact information is the following:

ALUMAWOOD OUTDOOR LIVING
28921 EAST HIGHWAY 74
ROMOLAND, CALIFORNIA 92585
(909) 553-4780
www.alumawood.com
hmorgan@amerimax.com

TABLE 1—ENGINEERING PLANS (DATED DECEMBER 16, 2022) FOR ALUMAWOOD OUTDOOR LIVING ALUMINUM AND STEEL PATIO COVERS, CARPORTS AND COMMERCIAL STRUCTURES (FOR THE 2021 IBC/IRC)

DRAWING NUMBER OR SECTION	NUMBER OF PAGES	SECTION DESCRIPTION OR DRAWING TITLES
	1	TABLE OF CONTENTS
GN01-2021 and GN02-2021	2	GENERAL NOTES
SC01-2021	1	SOLID PANEL STRUCTURAL CONFIGURATIONS
SC02-2021	1	ALUMAWOOD STRUCTURAL CONFIGURATIONS
Lattice Cover Components and Connection Details		
SECTION 1.0	4	INSTRUCTIONS FOR LATTICE COVER DESIGN AND TABLES FOR ALLOWABLE RAFTER SPANS, POST DESIGNS, ETC.
SECTION 2.0	38	TABLES FOR SELECTION OF HEADER TYPE BASED ON ALLOWABLE POST SPACING, POST TYPE AND FOOTING SIZE
LT01-2021 through LT04-2021	4	COMPONENT PART DESCRIPTIONS AND CONNECTION DETAILS FOR LATTICE STRUCTURES
Solid Cover Components and Connection Details		
SECTION 4.0	7	INSTRUCTIONS FOR SOLID COVER DESIGN AND TABLES FOR ALLOWABLE SOLID PANEL SPANS, POST DESIGNS, ETC.
SECTION 5.0	51	TABLES FOR SELECTION OF HEADER TYPE BASED ON ALLOWABLE POST SPACINGS, POST TYPE AND FOOTING SIZE
NP01-2021 through NP04-2021	4	COMPONENT PARTS AND CONNECTION DETAILS FOR NEWPORT SOLID COVERS
CD01-2021 through CD09-2021	9	COMPONENT PARTS AND CONNECTION DETAILS FOR ALL SOLID COVERS
Miscellaneous Tables and Details Applicable to All Cover Types		
Misc1a-2021 Misc1b- 2021	2	MISCELLANEOUS DETAILS
Misc2-2021	1	FAN BEAM DETAILS
Misc3-2021	1	7.0 POST AND FASTENER REQUIREMENTS
Misc4a-2021 Misc4b-2021	2	7.0 ALTERNATIVE FOOTING TABLES
Misc5a-2018 Misc5b-2018	2	7.0 REQUIREMENTS FOR MOMENT FRAMES WITH SURFACE MOUNTED POSTS ON CONCRETE SLABS OR FOOTINGS – LATTICE COVERS ONLY
Misc6-2021	1	7.0 FORCES ON EXISTING STRUCTURES
Misc7-2021	1	STRUCTURAL PROPERTIES OF BEAMS, FASCIA, PANELS AND RAFTERS FOR USE BY DESIGN PROFESSIONALS
Misc8-2021	1	CONCRETE SLAB REQUIREMENTS FOR CONSTRAINED FOOTINGS

TABLE 2—ENGINEERING PLANS (DATED OCTOBER 26, 2019) FOR ALUMAWOOD OUTDOOR LIVING ALUMINUM AND STEEL PATIO COVERS, CARPORTS AND COMMERCIAL STRUCTURES (FOR THE 2018 IBC/IRC)

DRAWING NUMBER	NUMBER OF PAGES	SECTION DESCRIPTION OR DRAWING TITLES
	1	TABLE OF CONTENTS
GN01-2018 GN02-2018	2	GENERAL NOTES
SC01-2018	1	SOLID PANEL STRUCTURAL CONFIGURATIONS
SC02-2018	1	ALUMAWOOD STRUCTURAL CONFIGURATIONS
Lattice Cover Components and Connection Details		
	4	SECTION 1.0 RAFTER SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	38	SECTION 2.0 POST SPACING, POST TYPE AND FOOTING SIZE FOR LATTICE COVERS
LT01-2018 LT02-2018 LT03-2018 LT04-2018	4	COMPONENT PARTS AND CONNECTION DETAILS FOR LATTICE STRUCTURES
Solid Cover Components and Connection Details		
	7	SECTION 4.0 SOLID COVER PANEL SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	51	SECTION 5.0 POST SPACINGS, POST TYPE AND FOOTING SIZE FOR SOLID COVERS
NP01-2018 NP02-2018 NP03-2018 NP04-2018	4	COMPONENT PARTS AND CONNECTION DETAILS FOR NEWPORTS
CD01-2018 CD02-2018 CD03-2018 CD04-2018 CD05-2018 CD06-2018 CD07-2018 CD08-2018 CD09-2018	9	COMPONENT PARTS AND CONNECTION DETAILS
Miscellaneous		
Misc1a-2018 Misc1b- 2018	2	MISCELLANEOUS DETAILS
Misc2-2018	1	FAN BEAM DETAILS
Misc3-2018	1	7.0 POST AND FASTENER REQUIREMENTS FOR ALL STRUCTURES
Misc4a-2018 Misc4b-2018	2	7.0 ALTERNATIVE FOOTING TABLES
Misc5a-2018 Misc5b-2018	2	7.0 REQUIREMENTS FOR SURFACE MOUNTED POSTS ON CONCRETE SLABS OR FOOTINGS
Misc6-2018	1	7.0 FORCES ON EXISTING STRUCTURES
Misc7-2018	1	STRUCTURAL PROPERTIES OF BEAMS, FASCIA, PANELS AND RAFTERS FOR USE BY DESIGN PROFESSIONALS
Misc8-2018	1	CONCRETE SLAB REQUIREMENTS FOR CONSTRAINED FOOTINGS

TABLE 3—ENGINEERING PLANS (DATED JANUARY 12, 2017) FOR ALUMAWOOD OUTDOOR LIVING ALUMINUM AND STEEL PATIO COVERS, CARPORTS AND COMMERCIAL STRUCTURES (FOR THE 2015 IBC/IRC)

DRAWING NUMBER	NUMBER OF PAGES	SECTION DESCRIPTION OR DRAWING TITLES
	1	TABLE OF CONTENTS
GN01-2015 GN02-2015	2	GENERAL NOTES
SC01-2015	1	SOLID PANEL STRUCTURAL CONFIGURATIONS
SC02-2015	1	ALUMAWOOD STRUCTURAL CONFIGURATIONS
Lattice Cover Components and Connection Details		
	1	SECTION 1.0 LATTICE COVER INSTRUCTIONS AND POST TABLES
	2	LATTICE 1.0 RAFTER SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	22	LATTICE COVER 2.0 POST SPACING, POST TYPE AND FOOTING SIZE FOR LATTICE COVER
LT01-2015 LT02-2015 LT03-2015 LT04-2015	4	COMPONENT PARTS AND CONNECTION DETAILS FOR LATTICE STRUCTURES
Solid Cover Components and Connection Details		
	1	SECTION 4.0 SOLID COVER INSTRUCTIONS AND POST TABLES
	3	SECTION 4.0 SOLID COVER PANEL SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	23	SECTION 5.0 POST SPACINGS, POST TYPE AND FOOTING FOR SOLID COVERS
NP01-2015 NP02-2015 NP03-2015 NP04-2015	4	COMPONENT PARTS AND CONNECTION DETAILS FOR NEWPORT PATIO STRUCTURES
CD01-2015 CD02-2015 CD03-2015 CD04-2015 CD05-2015 CD06-2015 CD07-2015 CD08-2015 CD09-2015	9	COMPONENT PARTS AND CONNECTION DETAILS
Miscellaneous		
Misc1a-2015	1	MISCELLANEOUS DETAILS
Misc1b- 2015	1	MISCELLANEOUS DETAILS (BASE PLATE STUB POST DETAILS)
Misc2-2015	1	MISCELLANEOUS DETAILS (FAN BEAM DETAILS)
Misc3-2015	1	7.0 POST AND FASTENER REQUIREMENTS FOR COMMERCIAL AND PATIO COVER STRUCTURES
Misc4-2015	1	7.0 CONCRETE FOOTING OPTIONS
Misc5a-2015 Misc5b-2015	2	7.0 REQUIREMENTS FOR SURFACE MOUNTED POSTS ON CONCRETE SLABS OR FOOTINGS FOR SINGLE SPAN ATTACHED LATTICE STRUCTURES
Misc6-2015	1	7.0 FORCES ON EXISTING BUILDING
Misc7-2015	1	STRUCTURAL PROPERTIES OF BEAMS, FASCIA, PANELS AND RAFTERS FOR USE BY DESIGN PROFESSIONALS
Misc8-2015	1	CONCRETE SLAB REQUIREMENTS FOR CONSTRAINED FOOTINGS

TABLE 4—ENGINEERING PLANS (DATED SEPTEMBER 29, 2013) FOR ALUMAWOOD OUTDOOR LIVING ALUMINUM AND STEEL PATIO COVERS, CARPORTS AND COMMERCIAL STRUCTURES (FOR THE 2012 IBC/IRC)

DRAWING	PAGES	SECTION DESCRIPTION
	1	TABLE OF CONTENTS
	1	PROFESSIONAL ENGINEERING STAMPS
GN01-2012 GN02-2012	2	GENERAL NOTES
SC01-2012	1	SOLID PANEL STRUCTURAL CONFIGURATIONS
SC02-2012	1	ALUMAWOOD STRUCTURAL CONFIGURATIONS
Lattice Cover Components and Connection Details		
	4	LATTICE 1.0 RAFTER SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	4	LATTICE COVER 2.0 POST SPACINGS FOR PATIO AND COMMERCIAL COVERS NORMAL WIND AREAS
	4	LATTICE COVER 3.0 POST SPACINGS FOR PATIO AND COMMERCIAL COVERS HIGH WIND AREAS
LT01-2012 LT02-2012 LT03-2012 LT04-2012	4	COMPONENT PARTS AND CONNECTION DETAILS FOR LATTICE STRUCTURES
Solid Cover Components and Connection Details		
	2	SOLID COVER 4.0 PANEL SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	10	SOLID COVERS 5.0 POST SPACINGS FOR PATIO AND COMMERCIAL COVERS IN 115 MPH WIND AREAS
	10	SOLID COVER 6.0 POST SPACINGS FOR PATIO AND COMMERCIAL COVERS HIGH WIND AREAS
NP01-2012 NP02-2012 NP03-2012 NP04-2012	4	COMPONENT PARTS AND CONNECTION DETAILS FOR NEWPORT PATIO STRUCTURES
CD01-2012 CD02-2012 CD03-2012 CD04-2012 CD05-2012 CD06-2012 CD07-2012 CD08-2012 CD09-2012	9	COMPONENT PARTS AND CONNECTION DETAILS
Miscellaneous		
Misc1a-2012	1	MISCELLANEOUS DETAILS
Misc1b- 2012	1	MISCELLANEOUS DETAILS (BASE PLATE STUB POST DETAILS)
Misc2-2012	1	MISCELLANEOUS DETAILS (FAN BEAM DETAILS)
Misc3-2012	1	7.0 POST AND FASTENER REQUIREMENTS FOR ALL STRUCTURES
Misc4-2012	1	7.0 FOOTING AND SLAB ATTACHMENT TABLES
Misc5a-2012 Misc5b-2012	2	7.0 REQUIREMENTS FOR SURFACE MOUNTED POSTS ON CONCRETE SLABS OR FOOTINGS
Misc6-2012	1	7.0 FORCES ON EXISTING BUILDING
Misc7-2012	1	STRUCTURAL PROPERTIES OF BEAMS, FASCIA, PANELS AND RAFTERS FOR USE BY DESIGN PROFESSIONALS
Misc8-2012	1	CONCRETE SLAB REQUIREMENTS FOR CONSTRAINED FOOTINGS

TABLE 5—ENGINEERING PLANS (DATED OCTOBER 11, 2011) FOR ALUMAWOOD OUTDOOR LIVING ALUMINUM AND STEEL PATIO COVERS, CARPORTS, AND COMMERCIAL STRUCTURES (FOR 2009 IBC/IRC)

DRAWING	PAGES	SECTION DESCRIPTION
	1	TABLE OF CONTENTS
	1	PROFESSIONAL ENGINEERING STAMPS
GN01-2009 GN02-2009	2	GENERAL NOTES
SC01-2009	1	SOLID PANEL STRUCTURAL CONFIGURATIONS
SC02-2009	1	ALUMAWOOD STRUCTURAL CONFIGURATIONS
Lattice Cover Components and Connection Details		
	1	LATTICE 1.0 RAFTER SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	4	LATTICE 2.0 POST SPACINGS FOR LATTICE PATIO AND COMMERCIAL STRUCTURES IN 90 MPH WIND AREAS
	4	LATTICE 3.0 POST SPACINGS FOR LATTICE PATIO AND COMMERCIAL STRUCTURES IN HIGH WIND AREAS
LT01-2009 LT02-2009 LT03-2009	3	COMPONENT PARTS AND CONNECTION DETAILS FOR LATTICE STRUCTURES
Solid Cover Components and Connection Details		
	2	SOLID COVER 4.0 PANEL SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	10	SOLID COVER 5.0 POST SPACINGS FOR LATTICE PATIO AND COMMERCIAL STRUCTURES IN 90 MPH WIND AREAS
	10	SOLID COVER 6.0 POST SPACINGS FOR LATTICE PATIO AND COMMERCIAL STRUCTURES IN HIGH WIND AREAS
NP01-2009 NP02-2009 NP03-2009 NP04-2009	4	COMPONENT PARTS AND CONNECTION DETAILS FOR NEWPORT PATIO STRUCTURES
CD01-2009 CD02-2009 CD03-2009 CD04-2009 CD05-2009 CD06-2009 CD07-2009 CD08-2009 CD09-2009	9	COMPONENT PARTS AND CONNECTION DETAILS
Miscellaneous		
M1-2009	1	MISCELLANEOUS DETAILS
M2-2009	1	MISCELLANEOUS DETAILS (FAN BEAM DETAILS)
M3-2009	1	7.0 POST AND FASTENER REQUIREMENTS FOR ALL STRUCTURES
M4-2009	1	7.0 FOOTING AND SLAB ATTACHMENT TABLES
M5-2009	1	7.0 REQUIREMENTS FOR SURFACE MOUNTED POSTS ON CONCRETE SLABS OR FOOTINGS
M6-2009	1	7.0 FORCES ON EXISTING BUILDING
M7-2009	1	STRUCTURAL PROPERTIES OF BEAMS, FASCIA, PANELS AND RAFTERS FOR USE BY DESIGN PROFESSIONALS
M8-2009	1	CONCRETE SLAB REQUIREMENTS FOR CONSTRAINED FOOTINGS

TABLE 6—ENGINEERING PLANS (DATED JUNE 1, 2010) FOR ALUMAWOOD OUTDOOR LIVING ALUMINUM AND STEEL PATIO COVERS, CARPORTS, AND COMMERCIAL STRUCTURES (FOR 2006 IBC/IRC)

DRAWING	PAGES	SECTION DESCRIPTION
GN01-2006.DWG GN02-2006.DWG SC01-2006.DWG SC02-2006.DWG	4	GENERAL NOTES AND STRUCTURAL CONFIGURATIONS
Lattice Cover Components and Connection Details		
	1	LATTICE 1.0 RAFTER SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	4	LATTICE 2.0 POST SPACINGS FOR LATTICE PATIO AND COMMERCIAL STRUCTURES IN 90 MPH WIND AREAS
	4	LATTICE 3.0 POST SPACINGS FOR LATTICE PATIO AND COMMERCIAL STRUCTURES IN HIGH WIND AREAS
LT01.DWG LT02.DWG LT03.DWG	3	COMPONENT PARTS AND CONNECTION DETAILS FOR LATTICE STRUCTURES
Solid Cover Components and Connection Details		
	2	SOLID COVER 4.0 PANEL SPANS FOR COMMERCIAL AND PATIO STRUCTURES
	10	SOLID COVER 5.0 POST SPACINGS FOR LATTICE PATIO AND COMMERCIAL STRUCTURES IN 90 MPH WIND AREAS
	10	SOLID COVER 6.0 POST SPACINGS FOR LATTICE PATIO AND COMMERCIAL STRUCTURES IN HIGH WIND AREAS
NP01.DWG NP02.DWG MP03.DWG MP04.DWG	4	COMPONENT PARTS AND CONNECTION DETAILS FOR NEWPORTS
CD01-2006.DWG CD02-2006.DWG CD03-2006.DWG CD04-2006.DWG CD05-2006.DWG CD06-2006.DWG CD07-2006.DWG CD08-2006.DWG CD09-2006.DWG	9	COMPONENT PARTS AND CONNECTION DETAILS
Miscellaneous		
M1-2006.DWG	1	MISCELLANEOUS DETAILS
M2-2006.DWG	1	FAN BEAM DETAILS
M3	1	7.0 POST AND FASTENER REQUIREMENTS FOR ALL STRUCTURES
M4	1	7.0 FOOTING AND SLAB ATTACHMENT TABLES
M5	1	7.0 REQUIREMENTS FOR SURFACE MOUNTED POSTS ON CONCRETE SLABS OR FOOTINGS
M6	1	7.0 LOADS ON EXISTING BUILDING
M7	1	DESIGN PROPERTIES OF ALUMINUM AND STEEL BEAMS, HEADERS, AND SOLID PANELS

DIVISION: 10 00 00—SPECIALTIES
Section: 10 73 00—Protective Covers

REPORT HOLDER:**ALUMAWOOD OUTDOOR LIVING****EVALUATION SUBJECT:****ALUMAWOOD OUTDOOR LIVING—FREESTANDING AND ATTACHED ALUMINUM AND STEEL PATIO COVERS, CARPORTS AND COMMERCIAL STRUCTURES****1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that the Alumawood Outdoor Living—Freestanding and Attached Aluminum and Steel Patio Covers, Carports and Commercial Structures, described in ICC-ES evaluation report [ESR-1398P](#), have 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 Alumawood Outdoor Living—Freestanding and Attached Aluminum and Steel Patio Covers, Carports and Commercial Structures, described in Sections 2.0 through 7.0 of the evaluation report [ESR-1398P](#), comply with the LABC Chapters 20, 22, Section 406 and Appendix I, and the LARC Appendix AH, and are subject to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The Alumawood Outdoor Living—Freestanding and Attached Aluminum and Steel Patio Covers, Carports and Commercial Structures described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the evaluation report [ESR-1398P](#).
- The design, installation, conditions of use and identification of the Alumawood Outdoor Living—Freestanding and Attached Aluminum and Steel Patio Covers, Carports and Commercial Structures are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report [ESR-1398P](#).
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 16 and 17, as applicable.
- The design shall be in accordance with the applicable requirements of the following information bulletins by the City of Los Angeles:
 - Information Bulletin P/BC 2020-005 (Attached Carport)
 - Information Bulletin P/BC 2020-006 (Attached Patio Cover)
 - Information Bulletin P/BC 2020-016 (Dwellings in High Wind Velocity Areas (HWA))
- The Alumawood Outdoor Living—Freestanding and Attached Aluminum and Steel Patio Covers, Carports and Commercial Structures have not been evaluated under the LABC Chapter 7A or the LARC Section R337 for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland-Urban Interface Area.

This supplement expires concurrently with the evaluation report, reissued June 2024.

DIVISION: 10 00 00—SPECIALTIES
Section: 10 73 00—Protective Covers

REPORT HOLDER:**ALUMAWOOD OUTDOOR LIVING****EVALUATION SUBJECT:****ALUMAWOOD OUTDOOR LIVING—FREESTANDING AND ATTACHED ALUMINUM AND STEEL PATIO COVERS, CARPORTS AND COMMERCIAL STRUCTURES****1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that Alumawood freestanding and attached aluminum and steel patio covers, carports and commercial structures, described in ICC-ES evaluation report ESR-1398P, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 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 Alumawood freestanding and attached aluminum and steel patio covers, carports and commercial structures described in Sections 2.0 through 7.0 of the evaluation report ESR-1398P, comply with CBC Chapters 20, 22, Section 406 and Appendix I, as applicable, 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 Chapter 16.

The products have not been evaluated under Chapter 7A for use in exterior design and construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or any Wildland – Urban Interface Fire Area.

2.1.1 OSHPD: The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA: The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

2.2 CRC:

The Alumawood freestanding and attached aluminum and steel patio covers, carports and commercial structures, described in Sections 2.0 through 7.0 of the evaluation report ESR-1398P, comply with 2022 CRC Appendix AH, provided the design and installation are in accordance with the 2021 *International Residential Code*® (IRC) provisions noted in the evaluation report, as applicable.

The products have not been evaluated under CRC Section R337 for use in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone with State Responsibility Areas or any Wildland–Urban Interface Fire Area.

The products described in this supplement have not been evaluated for compliance with the *International Wildland–Urban Interface Code*®.

This supplement expires concurrently with the evaluation report, reissued June 2024.