Listing and Technical Evaluation Report™

A Duly Authenticated Report from an Approved Agency

Report No: 2410-121

Issue Date: September 2, 2025

Revision Date: September 2, 2025

Subject to Renewal: October 1, 2026

WM Coffman Attic Stair

Trade Secret Report Holder:

WM Coffman Resources

Phone: 800-810-9204 Website: coffmansbp.com Email: sales@coffmansbp.com

CSI Designations:

DIVISION: 06 00 00 - WOOD, PLASTICS AND COMPOSITES Section: 06 43 00 - Wood Stairs and Railings

1 Innovative Products Evaluated[1]

1.1 CAS Attic Stair:

1.1.1 CAS-ES Energy Saving Attic Stair

1.1.2 CAS-E+F Fireguard Attic Stair

2 Product Description and Materials

2.1 The innovative products evaluated in this report are shown in **Figure 1** through **Figure 3**, and are described in **Table 1**.

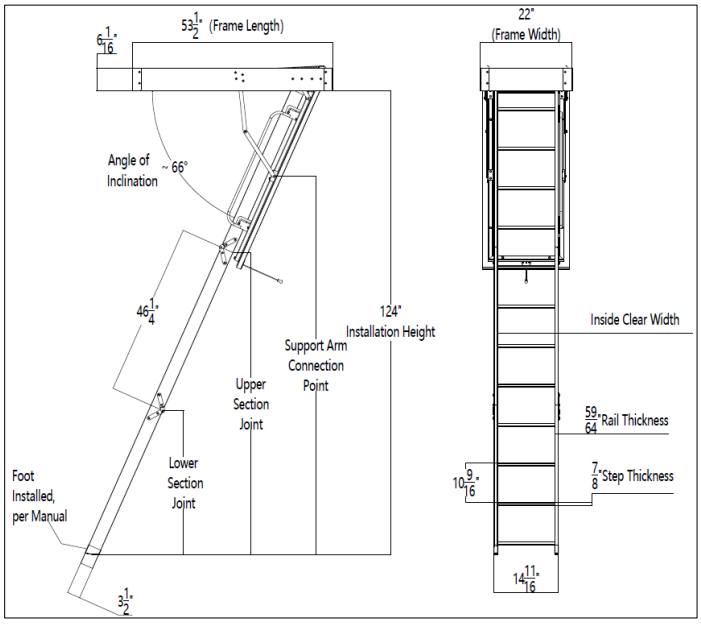

Figure 1. Diagram of CAS Attic Stair

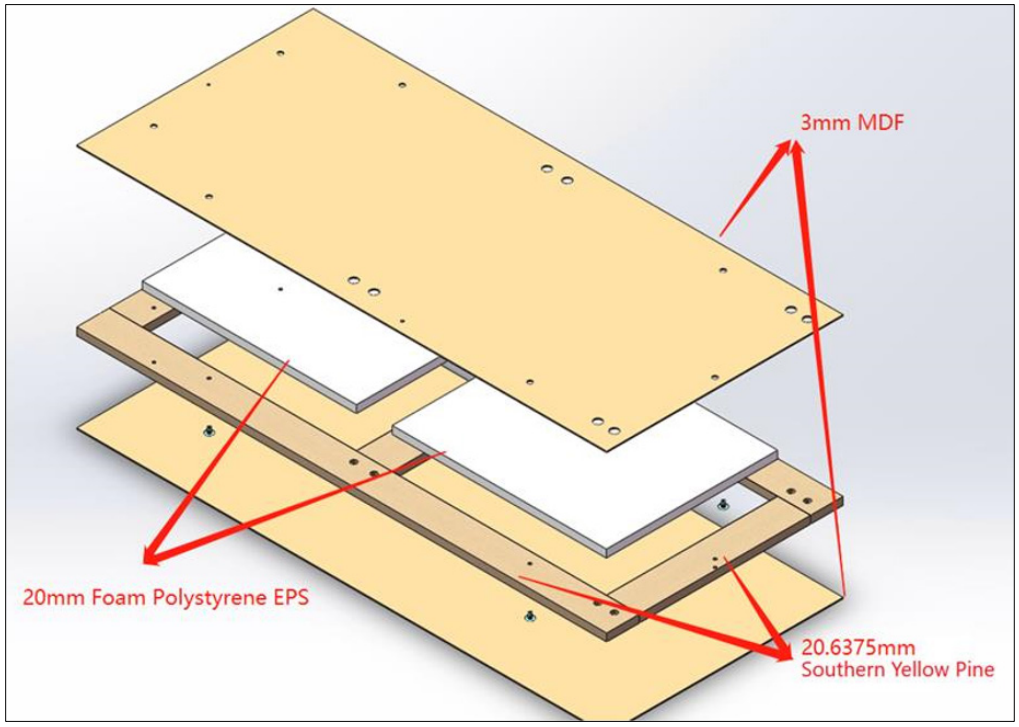

Figure 2. CAS-ES Energy Saving Attic Stairs Hatch

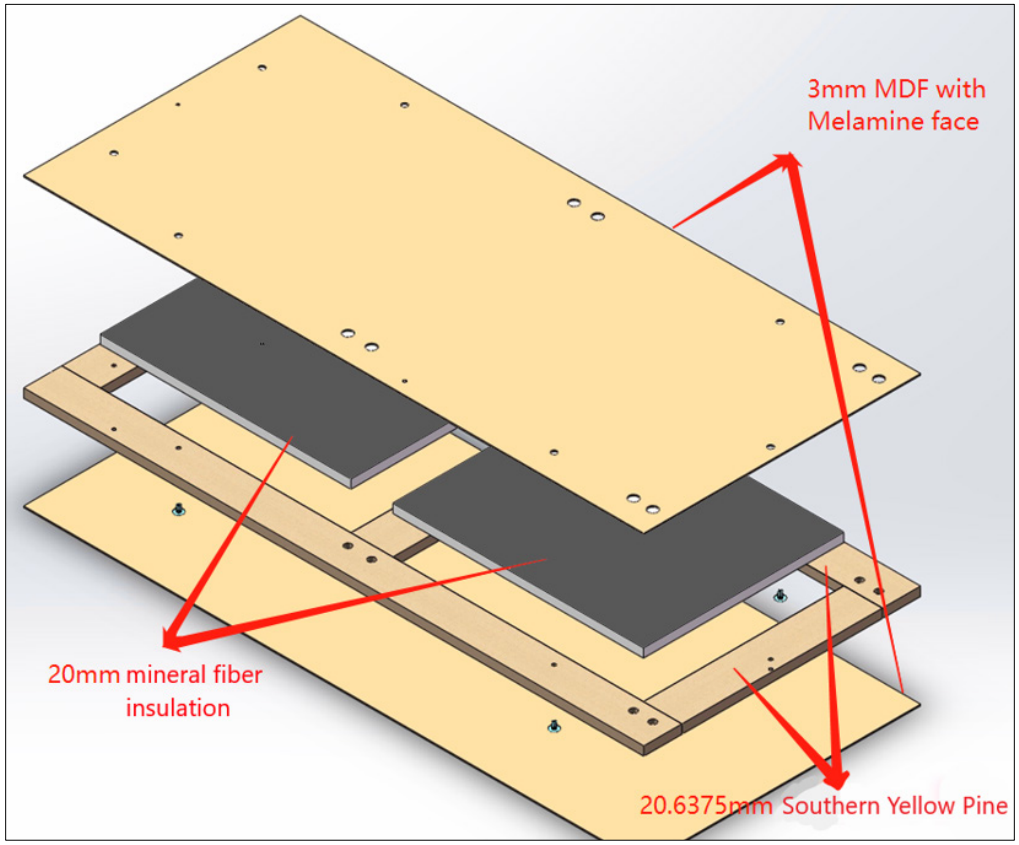

Figure 3. CAS-E+F Fireguard Attic Stairs Hatch

Table 1. Product Specifications for CAS Attic Stair

Part	Materials	Dimensions
CAS-ES Energy Saving Hatch	Frame: Southern Yellow Pine Facers: MDF with Melamine Internal Panels: EPS Foam	54.33" x 23.62" x 1.04"
CAS-E+F Fireguard Hatch	Frame: Southern Yellow Pine Facers: MDF with Melamine Internal Panels: Rock Wool	54.33" x 23.62" x 1.04"
Stairs	Southern Yellow Pine with stamped metal hinges	Installation Height: 7'6" minimum to 10'4" maximum

SI: 1 lbf = 4.448 N, 1 plf = 14.6 N/m

1. Complies with attic opening size requirements per IBC Section 1209.2.

2.2 As needed, review material properties for design in **Section 6** and the regulatory evaluation in **Section 8**.

3 Definitions[2]

3.1 New Materials[3] are defined as building materials, equipment, appliances, systems, or methods of construction, not provided for by prescriptive and/or legislatively adopted regulations, known as alternative materials.[4] The design strength and permissible stresses shall be established by tests[5] and/or engineering analysis.[6]

3.2 Duly authenticated reports[7] and research reports[8] are test reports and related engineering evaluations that are written by an approved agency[9] and/or an approved source.[10]

3.2.1 These reports utilize intellectual property and/or trade secrets to create public domain material properties for commercial end-use.

3.2.1.1 This report protects confidential Intellectual Property and trade secretes under the regulation, 18.US.Code.90, also known as Defend Trade Secrets Act of 2016 (DTSA).[11]

3.3 An approved agency is *"approved"* when it is ANAB ISO/IEC 17065 accredited. DrJ Engineering, LLC (DrJ) is accredited and listed in the ANAB directory.

3.4 An approved source is *"approved"* when a professional engineer (i.e., Registered Design Professional, hereinafter RDP) is properly licensed to transact engineering commerce. The regulatory authority governing approved sources is the state legislature via its professional engineering regulations.[12]

3.5 Testing and/or inspections conducted for this duly authenticated report were performed by an ISO/IEC 17025 accredited testing laboratory, an ISO/IEC 17020 accredited inspection body, and/or a licensed RDP.

3.5.1 The Center for Building Innovation (CBI) is ANAB[13] ISO/IEC 17025 and ISO/IEC 17020 accredited.

3.6 The regulatory authority shall enforce[14] the specific provisions of each legislatively adopted regulation. If there is a non-conformance, the specific regulatory section and language of the non-conformance shall be provided in writing[15] stating the nonconformance and the path to its cure.

3.7 The regulatory authority shall accept duly authenticated reports from an approved agency and/or an approved source with respect to the quality and manner of use of new materials or assemblies as provided for in regulations regarding the use of alternative materials, designs, or methods of construction.[16]

3.8 ANAB is an International Accreditation Forum (IAF) Multilateral Recognition Arrangement (MLA) signatory. Therefore, recognition of certificates and validation statements issued by conformity assessment bodies accredited by all other signatories of the IAF MLA with the appropriate scope shall be approved.[17] Thus, all ANAB ISO/IEC 17065 duly authenticated reports are approval equivalent,[18] and can be used in any country that is an MLA signatory found at this link: https://iaf.nu/en/recognised-abs/

3.9 Approval equity is a fundamental commercial and legal principle.[19]

4 Applicable Local, State, and Federal Approvals; Standards; Regulations[20]

4.1 *Local, State, and Federal*

4.1.1 Approved in all local jurisdictions pursuant to ISO/IEC 17065 duly authenticated report use, which includes, but is not limited to, the following featured local jurisdictions: Austin, Baltimore, Broward County, Chicago, Clark County, Dade County, Dallas, Detroit, Denver, DuPage County, Fort Worth, Houston, Kansas City, King County, Knoxville, Las Vegas, Los Angeles City, Los Angeles County, Miami, Nashville, New York City, Omaha, Philadelphia, Phoenix, Portland, San Antonio, San Diego, San Jose, San Francisco, Seattle, Sioux Falls, South Holland, Texas Department of Insurance, and Wichita.[21]

4.1.2 Approved in all state jurisdictions pursuant to ISO/IEC 17065 duly authenticated report use, which includes, but is not limited to, the following featured states: California, Florida, New Jersey, Oregon, New York, Texas, Washington, and Wisconsin.[22]

4.1.3 Approved by the Code of Federal Regulations Manufactured Home Construction: Pursuant to Title 24, Subtitle B, Chapter XX, Part 3282.14[23] and Part 3280[24] pursuant to the use of ISO/IEC 17065 duly authenticated reports.

4.1.4 Approved means complying with the requirements of local, state, or federal legislation.

4.2 *Standards*

4.2.1 *ANSI A14.9, American National Standard Safety Requirements for Disappearing Attic Stairways*

4.2.2 *ASTM C518, Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus*

4.2.3 *ASTM C1363, Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus*

4.2.4 *ASTM E119, Standard Test Methods for Fire Tests of Building Construction and Materials*

4.3 *Regulations*

4.3.1 *IBC – 18, 21, 24: International Building Code®*

4.3.2 *IRC – 18, 21, 24: International Residential Code®*

4.3.3 *IECC – 18, 21, 24: International Energy Conservation Code®*

4.3.4 *FBC-B – 20, 23 Florida Building Code - Building*

4.3.5 *FBC-R – 20, 23 Florida Building Code - Residential*

5 Listed[25]

5.1 Equipment, materials, products, or services included in a List published by a nationally recognized testing laboratory (i.e., CBI), an approved agency (i.e., CBI and DrJ), and/or and approved source (i.e., DrJ), or other organization(s) concerned with product evaluation (i.e., DrJ), that maintains periodic inspection (i.e., CBI) of production of listed equipment or materials, and whose listing states either that the equipment or material meets nationally recognized standards or has been tested and found suitable for use in a specified manner.

6 Tabulated Properties Generated from Nationally Recognized Standards

6.1 *General*

6.1.1 The CAS Attic Stair is used as an attic stair system in accordance with the IBC, IRC, and FBC-R.

6.2 *Structural Performance*

6.2.1 The CAS Attic Stair were evaluated in accordance with ANSI A14.9 Section 8.2.1 for Household Systems.

6.2.1.1 CAS Attic Stair met the structural load requirements for a duty rating of 350 lbs. See **Table 2** for the assessment.

Table 2. Allowable Load Ratings for CAS Attic Stair

Test Type and Location	Load Rating (lbs)	Assessment
Rail Test[1]	350	Pass
Top Support Test[2]	350	Pass
Step Bending Test[3]	350	Pass

SI: 1 lbf = 4.448 N, 1 plf = 14.6 N/m

1. Specified test in ANSI A14.9-2019 Section 8.2.1.1
2. Specified test in ANSI A14.9-2019 Section 8.2.1.2
3. Specified test in ANSI A14.9-2019 Section 8.2.1.3

6.3 *Labeling*

6.3.1 Hazard labels for CAS Attic Stair were evaluated in accordance with ANSI A14.9 Section 8.3.

6.3.1.1 Hazard labels for the CAS Attic Stair met the requirements of ANSI A14.9.

6.3.1.1.1 An Adhesion Strength Test on Lumber was performed per ANSI A14.9-2019 Section 8.3.2.1.

6.3.1.1.2 An Oven Aging Test was performed per ANSI A14.9-2019 Section 8.3.2.2.

6.4 *Thermal Performance*

6.4.1 CAS Attic Stair has been evaluated for thermal performance as shown in **Table 3**.

Table 3. Thermal Performance for CAS Attic Stair

Parameter	R-value (°F·ft²·hr/Btu)
CAS-ES Energy Saving	2.2
CAS-E+F Fireguard	2.3

SI: 1 (°F·ft²·hr)/Btu = 0.176 (K·m²)/W

6.5 *Fire Resistance of CAS-E+F Fireguard*

6.5.1 When installed in a ceiling of a garage in locations acting as dwelling-garage separation, not less than 1/2" gypsum board or equivalent shall be applied to the garage side as specified in IRC Section R302.6.

6.6 Where the application falls outside of the performance evaluation, conditions of use, and/or installation requirements set forth herein, alternative techniques shall be permitted in accordance with accepted engineering practice and experience. This includes but is not limited to the following areas of engineering: mechanics or materials, structural, building science, and fire science.

7 Certified Performance[26]

7.1 All construction methods shall conform to accepted engineering practices to ensure durable, livable, and safe construction and shall demonstrate acceptable workmanship reflecting journeyman quality of work of the various trades.[27]

7.2 The strength and rigidity of the component parts and/or the integrated structure shall be determined by engineering analysis or by suitable load tests to simulate the actual loads and conditions of application that occur.[28]

8 Regulatory Evaluation and Accepted Engineering Practice

8.1 The CAS Attic Stair complies with the following legislatively adopted regulations and/or accepted engineering practice for the following reasons:

8.1.1 CAS Attic Stair were evaluated in accordance with ANSI A14.9 for residential end-use.

8.2 Any building code, regulation and/or accepted engineering evaluations (i.e., research reports, duly authenticated reports, etc.) that are conducted for this Listing were performed by DrJ, which is an ISO/IEC 17065 accredited certification body and a professional engineering company operated by RDP or approved sources. DrJ is qualified[29] to practice product and regulatory compliance services within its scope of accreditation and engineering expertise,[30] respectively.

8.3 Engineering evaluations are conducted with DrJ's ANAB accredited ICS code scope of expertise, which is also its areas of professional engineering competence.

8.4 Any regulation specific issues not addressed in this section are outside the scope of this report.

9 Installation

9.1 Installation shall comply with the approved construction documents, the manufacturer installation instructions, this report, and the applicable building code.

9.2 In the event of a conflict between the manufacturer installation instructions and this report, contact the manufacturer for counsel on the proper installation method.

9.3 *Installation Procedure*

9.3.1 CAS Attic Stair shall be installed so that a complete seal is formed around the opening into the attic.

9.3.2 Before installation, verify that the intended area of installation is of sufficient strength to be used for a walking or working surface.

9.3.3 Verify that all fasteners are properly tightened during installation.

9.3.4 Verify the height of the floor to ceiling is within the specified range (see **Figure 4**):

9.3.4.1 Maximum height shall be 10' 4"

9.3.4.2 Minimum height shall be 7' 6"

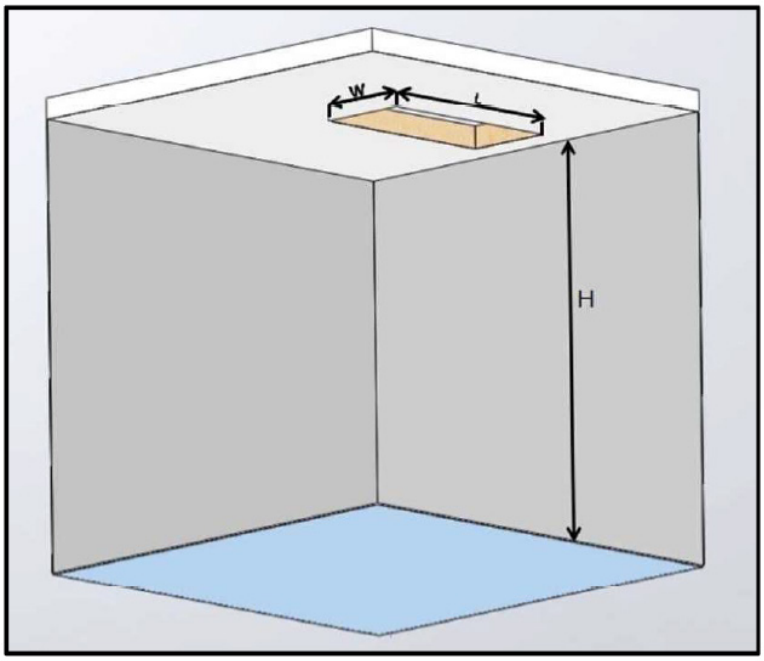

Figure 4. Floor-Ceiling Height Diagram

9.3.5 Position the opening. Take into account the projection of the unit, the position of the rafters in the ceiling, and the need to have adequate space at the top and bottom of the unit to mount and unmount.

9.3.5.1 If applicable, note the location of nearby electrical wiring and be sure not to cut or pinch any wires.

9.3.6 In most cases, units are installed parallel to ceiling joists. Installation parallel to existing joists normally require only single joists and headers. However, in some cases, the unit must be installed perpendicular to the ceiling joist. If the house uses roof trusses, do not cut ceiling joists without engineering and/or architectural consultation and approval. If it is necessary to cut the ceiling joists or trusses, tie these cut members to other joists or trusses forming a four-sided frame or stairwell to install the stairway. Keep corners square to simplify installation.

9.3.7 Use temporary ledge boards at each end of opening of sufficient width and strength to fully support the stairway. Secure the temporary ledge boards with four #8 x 3" flat head wood screws (see **Figure 5**).

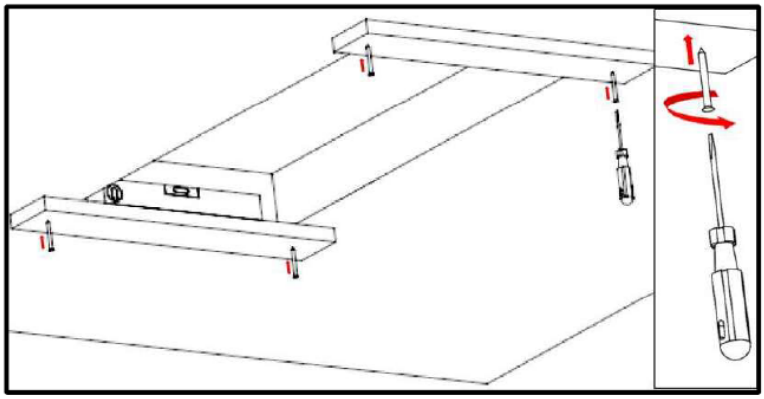

Figure 5. Temporary Ledge Board Installation Diagram

9.3.8 Raise the stairway into the attic and carefully lower on to the ledges.

9.3.8.1 ***Note:*** Do not climb stairway or place weight on it until installation is complete.

9.3.9 Open the unit and insert appropriate shims between the frame and the rafters and headers to square unit and prevent movement (**Figure 6**).

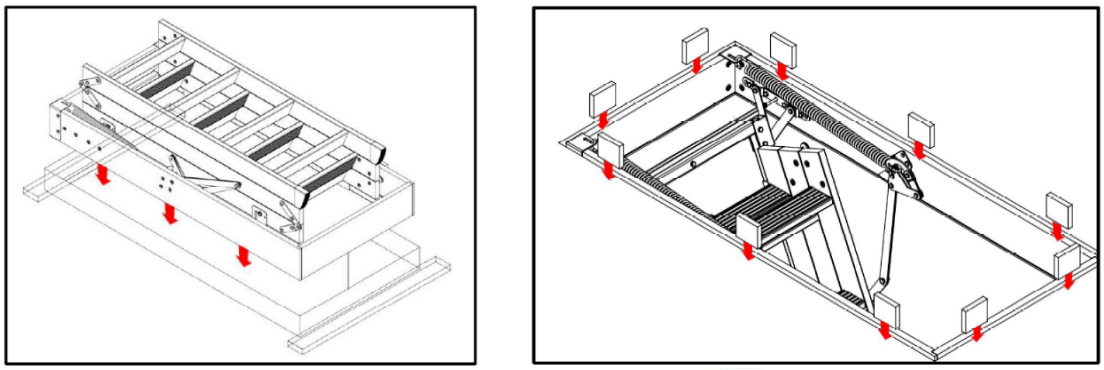

Figure 6. Installation of CAS Attic Stair into Opening Diagram

9.3.10 Secure with #8 x 3" flat head wood screws, as shown in **Figure 7**.

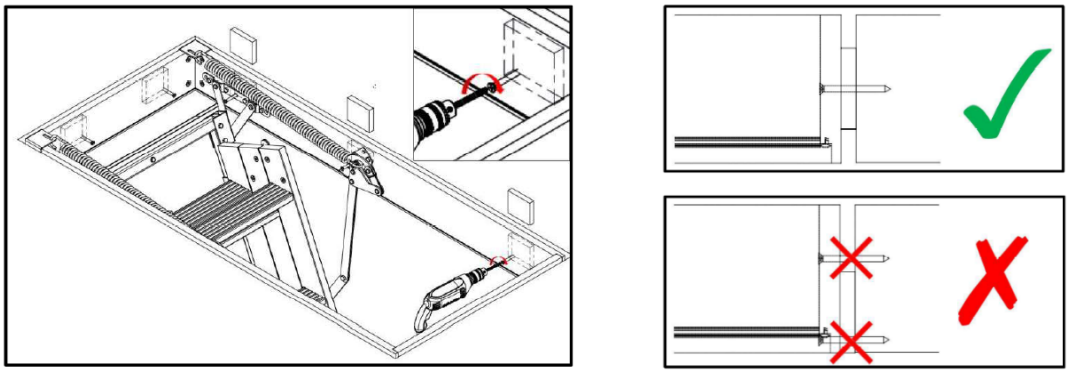

Figure 7. Securing of CAS Attic Stairs into Opening Diagram

9.3.11 Remove the temporary ledge boards.

9.3.12 Extend the unit down, with the bottom section folded back, as shown in **Figure 8**.

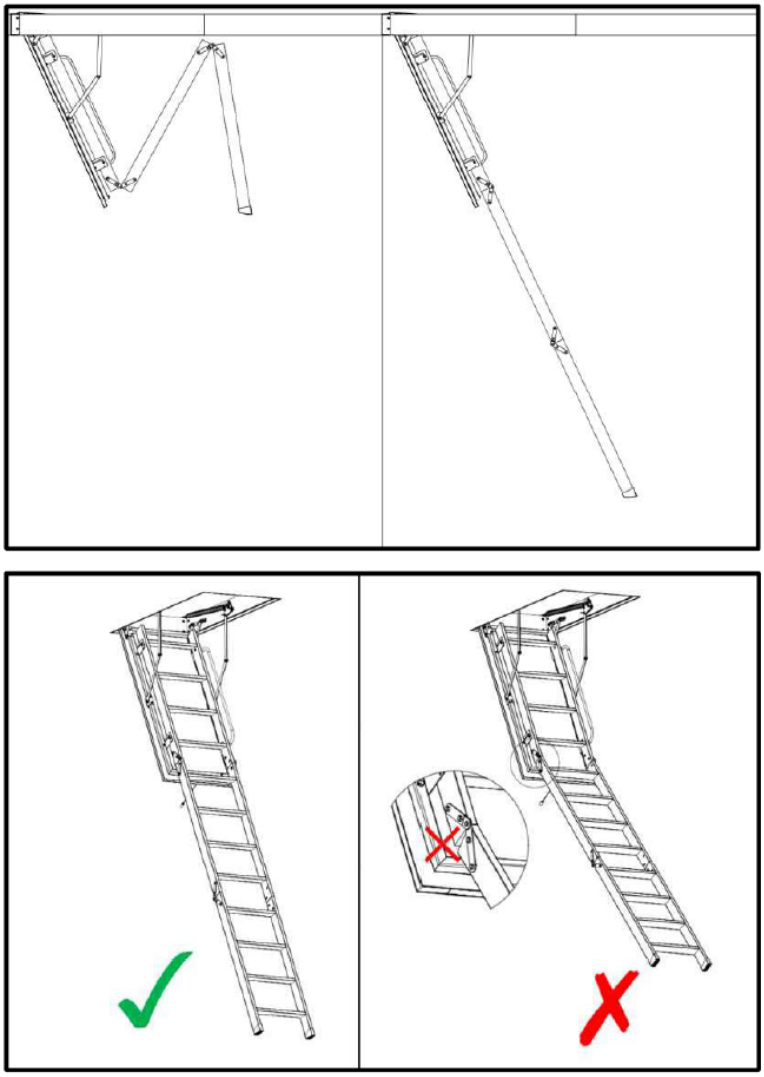

Figure 8. Unfolding CAS Attic Stair - Verifying Extension of Ladder for Design Compliance

9.3.13 Apply sufficient pressure on the center section of the unit to cause the counterbalance arms to be completely extended.

9.3.14 While maintaining this pressure, measure the distance from the bottom of the middle section to the ground as shown.

9.3.15 Because the support or ground may be uneven, measure each side rail separately.

9.3.16 Cut the side rails of the bottom section to the lengths indicated. Then, open the unit and climb to the second step. Verify that there are no gaps in upper or lower hinges on either side (see **Figure 9**).

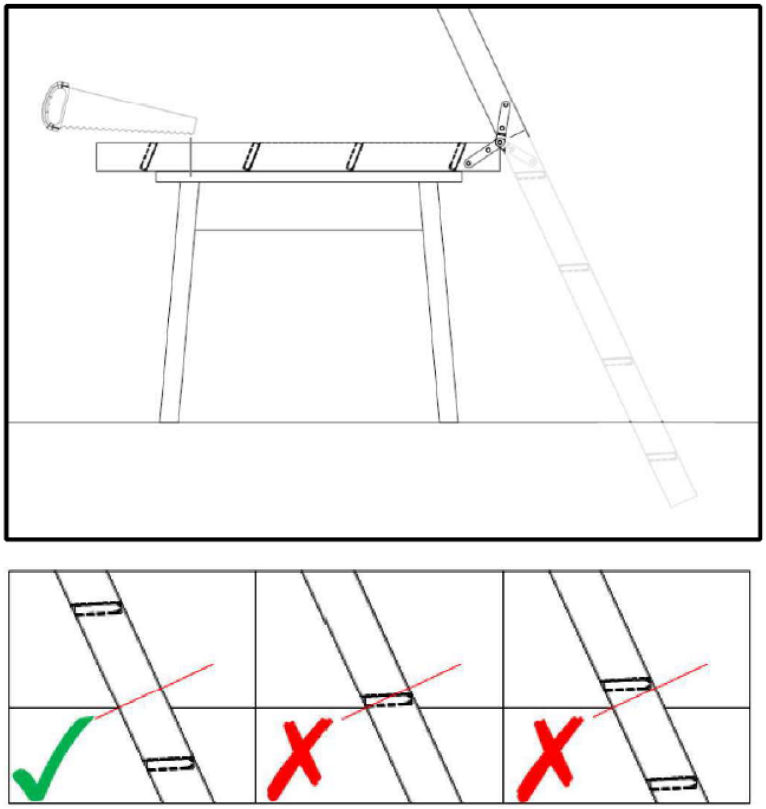

Figure 9. Provisions for Trimming Stairs

9.3.17 If there are gaps in the upper hinges, then the lower side rails will need to be trimmed further.

9.3.18 If there is a gap in the lower hinges, then the bottom rails are too short, and it is necessary to obtain a new lower section from the manufacturer.

9.3.19 Any gap indicates that the strength of the unit is severely reduced (see **Figure 10**).

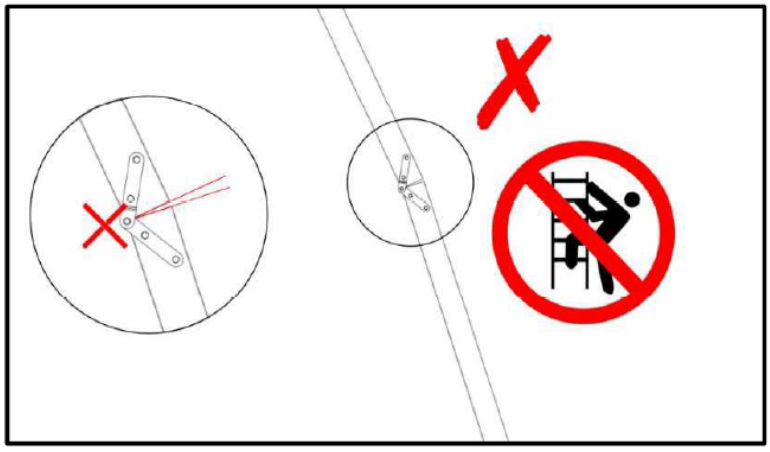

Figure 10. Example of Non-Design Compliance

9.3.20 Close the unit and trim the area around the bottom of the frame, if desired. Leave a small, about 1/8" gap, between any trim and the door.

9.3.21 Paint the bottom of the door if desired.

10 Substantiating Data

10.1 Testing has been performed under the supervision of a professional engineer and/or under the requirements of ISO/IEC 17025 as follows:

10.1.1 Rail load test in accordance with ANSI A14.9

10.1.2 Top support test in accordance with ANSI A14.9

10.1.3 Step bending test in accordance with ANSI A14.9

10.1.4 Label adhesion test in accordance with ANSI A14.9

10.1.5 Label oven aging test in accordance with ANSI A14.9

10.2 Information contained herein may include the result of testing and/or data analysis by sources that are approved agencies, approved sources, and/or an RDP. Accuracy of external test data and resulting analysis is relied upon.

10.3 Where applicable, testing and/or engineering analysis are based upon provisions that have been codified into law through state or local adoption of regulations and standards. The developers of these regulations and standards are responsible for the reliability of published content. DrJ's engineering practice may use a regulation-adopted provision as the control. A regulation-endorsed control versus a simulation of the conditions of application to occur establishes a new material as being equivalent to the regulatory provision in terms of quality, strength, effectiveness, fire resistance, durability, and safety.

10.4 The accuracy of the provisions provided herein may be reliant upon the published properties of raw materials, which are defined by the grade mark, grade stamp, mill certificate, or duly authenticated reports from approved agencies and/or approved sources provided by the supplier. These are presumed to be minimum properties and relied upon to be accurate. The reliability of DrJ's engineering practice, as contained in this duly authenticated report, may be dependent upon published design properties by others.

10.5 *Testing and Engineering Analysis*

10.5.1 The strength, rigidity, and/or general performance of component parts and/or the integrated structure are determined by suitable tests that simulate the actual conditions of application that occur and/or by accepted engineering practice and experience.[31]

10.6 Where additional condition of use and/or regulatory compliance information is required, please search for CAS Attic Stair on the DrJ Certification website.

11 Findings

11.1 As outlined in **Section 6**, CAS Attic Stair has performance characteristics that were tested and/or meet applicable regulations. In addition, they are suitable for use pursuant to its specified purpose.

11.2 When used and installed in accordance with this duly authenticated report and the manufacturer installation instructions, the CAS Attic Stair shall be approved for the following applications:

11.2.1 Use as a disappearing attic stairway system in accordance with the IBC, IRC, and FBC-R.

11.2.1.1 CAS Attic Stair is permitted to be used in one and two-family dwellings and townhouses up to three stories.

11.2.1.2 CAS Attic Stair achieved a duty rating of 350 lbs.

11.2.1.2.1 350 lbs shall be the maximum applied load, including the weight of the user, materials, and tools, which the stairway is to support.

11.2.1.3 Labels met the requirements of ANSI A14.9 when applied on the wood surfaces of CAS Attic Stairs.

11.3 Unless exempt by state statute, when CAS Attic Stair products are to be used as a structural and/or building envelope component in the design of a specific building, the design shall be performed by an RDP.

11.4 Any application specific issues not addressed herein can be engineered by an RDP. Assistance with engineering is available from WM Coffman Resources.

11.5 IBC Section 104.2.3[32] (IRC Section R104.2.2[33] and IFC Section 104.2.3[34] are similar) in pertinent part state:

> **104.2.3 Alternative Materials, Design and Methods of Construction and Equipment.** The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative is not specifically prohibited by this code and has been approved.

11.6 **Approved:**[35] Building regulations require that the building official shall accept duly authenticated reports.[36]

11.6.1 An approved agency is *"approved"* when it is ANAB ISO/IEC 17065 accredited.

11.6.2 An approved source is *"approved"* when an RDP is properly licensed to transact engineering commerce.

11.6.3 Federal law, Title 18 US Code Section 242, requires that, where the alternative product, material, service, design, assembly, and/or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved. Denial without written reason deprives a protected right to free and fair competition in the marketplace.

11.7 DrJ is a licensed engineering company, employs licensed RDPs and is an ANAB Accredited Product Certification Body – Accreditation #1131.

11.8 Through the IAF Multilateral Arrangement (MLA), this duly authenticated report can be used to obtain product approval in any jurisdiction or country because all ANAB ISO/IEC 17065 duly authenticated reports are equivalent.[37]

12 Conditions of Use

12.1 Material properties shall not fall outside the boundaries defined in **Section 6**.

12.2 As defined in **Section 6**, where material and/or engineering mechanics properties are created for load resisting design purposes, the resistance to the applied load shall not exceed the ability of the defined properties to resist those loads using the principles of accepted engineering practice.

12.3 As listed herein, CAS Attic Stair products shall not be used:

12.3.1 In commercial or non-residential buildings

12.3.2 Maximum applied load on the steps shall not exceed 350 lbs for end-use purposes

12.4 Labels shall not be applied on fiberboard surfaces.

12.5 All required labels shall be visibly placed on lumber surfaces

12.6 When required by adopted legislation and enforced by the building official, also known as the Authority Having Jurisdiction (AHJ) in which the project is to be constructed:

12.6.1 Any calculations incorporated into the construction documents shall conform to accepted engineering practice and, when prepared by an approved source, shall be approved when signed and sealed.

12.6.2 This report and the installation instructions shall be submitted at the time of permit application.

12.6.3 These innovative products have an internal quality control program and a third-party quality assurance program.

12.6.4 At a minimum, these innovative products shall be installed per **Section 9**.

12.6.5 The review of this report by the AHJ shall comply with IBC Section 104.2.3.2 and IBC Section 105.3.1.

12.6.6 These innovative products have an internal quality control program and a third party quality assurance program in accordance with IBC Section 104.7.2, IBC Section 110.4, IBC Section 1703, IRC Section R104.7.2, and IRC Section R109.2.

12.6.7 The application of these innovative products in the context of this report is dependent upon the accuracy of the construction documents, implementation of installation instructions, inspection as required by IBC Section 110.3, IRC Section R109.2, and any other regulatory requirements that may apply.

12.7 The approval of this report by the AHJ shall comply with IBC Section 1707.1, where legislation states in part, *"the building official shall make, or cause to be made, the necessary tests and investigations; or the building official shall accept duly authenticated reports from approved agencies in respect to the quality and manner of use of new materials or assemblies as provided for in Section 104.2.3"*, all of IBC Section 104, and IBC Section 105.3.

12.8 Design loads shall be determined in accordance with the regulations adopted by the jurisdiction in which the project is to be constructed and/or by the building designer (i.e., owner or RDP).

12.9 The actual design, suitability, and use of this report for any particular building, is the responsibility of the owner or the authorized agent of the owner.

13 Identification

13.1 CAS Attic Stair products, as listed in **Section 1.1**, are identified by a label on the board or packaging material bearing the manufacturer name, product name, this report number, and other information to confirm code compliance.

13.2 Additional technical information can be found at coffmansbp.com.

14 Review Schedule

14.1 This report is subject to periodic review and revision. For the latest version, visit www.drjcertification.org.

14.2 For information on the status of this report, please contact DrJ Certification.

Notes

1 For more information, visit drjcertification.org or call us at 608-310-6748.

2 Capitalized terms and responsibilities are defined pursuant to the applicable building code, applicable reference standards, the latest edition of TPI 1, the NDS, AISI S202, US professional engineering law, Canadian building code, Canada professional engineering law, Qualtim External Appendix A: Definitions/Commentary, Qualtim External Appendix B: Project/Deliverables, Qualtim External Appendix C: Intellectual Property and Trade Secrets, definitions created within Design Drawings and/or definitions within Reference Sheets. Beyond this, terms not defined shall have ordinarily accepted meanings as the context implies. Words used in the present tense include the future; words stated in the masculine gender include the feminine and neuter; the singular number includes the plural and the plural, the singular.

3 https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1702

4 Alternative Materials, Design and Methods of Construction and Equipment: The provisions of any regulation code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by a regulation. Please review https://www.justice.gov/atr/mission and https://up.codes/viewer/mississippi/ibc-2024/chapter/1/scope-and-administration#104.2.3

5 https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1706.2:~:text=the%20design%20strengths%20and%20permissible%20stresses%20shall%20be%20established%20by%20tests

6 The design strengths and permissible stresses of any structural material shall conform to the specifications and methods of design of accepted engineering practice. https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1706.1:~:text=Conformance%20to%20Standards-,The%20design%20strengths%20and%20permissible%20stresses,-of%20any%20structural

7 https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1707.1:~:text=the%20building%20official%20shall%20make%2C%20or%20cause%20to%20be%20made%2C%20the%20necessary%20tests%20and%20investigations%3B%20or%20the%20building%20official%20shall%20accept%20duly%20authenticated%20reports%20from%20approved%20agencies%20in%20respect%20to%20the%20quality%20and%20manner%20of%20use%20of%20new%20materials%20or%20assemblies%20as%20provided%20for%20in%20Section%20104.2.3.

8 https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1703.4.2

9 https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#approved_agency

10 https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#approved_source

11 https://www.law.cornell.edu/uscode/text/18/1832 (b) Any organization that commits any offense described in subsection (a) shall be fined not more than the greater of $5,000,000 or 3 times the value of the stolen trade secret to the organization, including expenses for research and design and other costs of reproducing the trade secret that the organization has thereby avoided. The federal government and each state have a public records act. To follow DTSA and comply state public records and trade secret legislation requires approval through ANAB ISO/IEC 17065 accredited certification bodies or approved sources. For more information, please review this website: Intellectual Property and Trade Secrets.

12 https://www.nspe.org/resources/issues-and-advocacy/professional-policies-and-position-statements/regulation-professional AND https://apassociation.org/list-of-engineering-boards-in-each-state-archive/

13 https://www.cbitest.com/accreditation/

14 https://up.codes/viewer/mississippi/ibc-2024/chapter/1/scope-and-administration#104.1:~:text=directed%20to%20enforce%20the%20provisions%20of%20this%20code

15 https://up.codes/viewer/mississippi/ibc-2024/chapter/1/scope-and-administration#104.2.3 AND https://up.codes/viewer/mississippi/ibc-2024/chapter/1/scope-and-administration#105.3.1

16 https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1707.1

17 https://iaf.nu/en/about-iaf-mla/#:~:text=Once%20an%20accreditation%20body%20is%20a%20signatory%20of%20the%20IAF%20MLA%2C%20it%20is%20required%20to%20recognise%20certificates%20and%20validation%20and%20verification%20statements%20issued%20by%20conformity%20assessment%20bodies%20accredited%20by%20all%20other%20signatories%20of%20the%20IAF%20MLA%2C%20with%20the%20appropriate%20scope

18 True for all ANAB accredited product evaluation agencies and all International Trade Agreements.

19 https://www.justice.gov/crt/deprivation-rights-under-color-law AND https://www.justice.gov/atr/mission

20 Unless otherwise noted, the links referenced herein use un-amended versions of the 2024 International Code Council (ICC) 2024 International Code Council (ICC) model codes as foundation references. Mississippi versions of the IBC 2024 and the IRC 2024 are un-amended. This material, product, design, service and/or method of construction also complies with the 2000-2012 versions of the referenced codes and the standards referenced therein. As pertinent to this technical and code compliance evaluation, CBI and/or DrJ staff have reviewed any state or local regulatory amendments to assure this report is in compliance.

21 See Adoptions by Publisher for the latest adoption of a non-amended or amended model code by the local jurisdiction. https://up.codes/codes/general

22 See Adoptions by Publisher for the latest adoption of a non-amended or amended model code by state. https://up.codes/codes/general

23 https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3282/subpart-A/section-3282.14

24 https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280

25 https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280#p-3280.2(Listed%20or%20certified); https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#listed AND https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#labeled

26 https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1703.4

27 https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280#:~:text=All%20construction%20methods%20shall%20be%20in%20conformance%20with%20accepted%20engineering%20practices%20to%20insure%20durable%2C%20livable%2C%20and%20safe%20housing%20and%20shall%20demonstrate%20acceptable%20workmanship%20reflecting%20journeyman%20quality%20of%20work%20of%20the%20various%20trades

28 https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280#:~:text=The%20strength%20and%20rigidity%20of%20the%20component%20parts%20and/or%20the%20integrated%20structure%20shall%20be%20determined%20by%20engineering%20analysis%20or%20by%20suitable%20load%20tests%20to%20simulate%20the%20actual%20loads%20and%20conditions%20of%20application%20that%20occur

[29] Qualification is performed by a legislatively defined Accreditation Body. ANSI National Accreditation Board (ANAB) is the largest independent accreditation body in North America and provides services in more than 75 countries. DrJ is an ANAB accredited product certification body.

[30] https://anabpd.ansi.org/Accreditation/product-certification/AllDirectoryDetails?prgID=1&orgID=2125&statusID=4#:~:text=Bill%20Payment%20Date-,Accredited%20Scopes,-13%20ENVIRONMENT.%20HEALTH

[31] See Code of Federal Regulations (CFR) Title 24 Subtitle B Chapter XX Part 3280 for definition: https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280

[32] 2021 IBC Section 104.11

[33] 2021 IRC Section R104.11

[34] 2018: https://up.codes/viewer/wyoming/ifc-2018/chapter/1/scope-and-administration#104.9 AND 2021: https://up.codes/viewer/wyoming/ibc-2021/chapter/1/scope-and-administration#104.11

[35] Approved is an adjective that modifies the noun after it. For example, Approved Agency means that the Agency is accepted officially as being suitable in a particular situation. This example conforms to IBC/IRC/IFC Section 201.4 (https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#201.4) where the building code authorizes sentences to have an ordinarily accepted meaning such as the context implies.

[36] https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1707.1

[37] Multilateral approval is true for all ANAB accredited product evaluation agencies and all International Trade Agreements.