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RESEARCH REPORT: RR 25824  
(CSI # 06 17 33)

BASED UPON ICC EVALUATION SERVICE  
REPORT NO. ESR-2974

REEVALUATION DUE  
DATE: September 1, 2022  
Issued Date: September 29, 2020  
Code: 2020 LABC

**GENERAL APPROVAL** - Reevaluation - Web-i® Wood I-Joists.

**DETAILS**

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of approval, and identification of Evaluation Report No. ESR-2974, reissued July 1, 2020, of the ICC-ES Evaluation Services, Incorporated. The report, in its entirety, is attached and made part of this general approval.

The parts of Evaluation Report No. ESR-2974 marked by an asterisk are modified or deleted by the Los Angeles City Building Department from this approval.

**The approval is subject to the following conditions:**

1. In addition to the identification method described in the ICC ESR report, each truss shall also be identified with the name "Los Angeles City Research Report No. 25824" stamped at the bottom portion of the lower chord.
2. Lumber for the truss fabrication shall bear the grademark and machine symbol of a Los Angeles City approved lumber grading agency. When it is necessary to cut board into shorter lengths and the grading symbol may be lost, occasional omission of the matching symbol will be permitted where approved by the Department inspector.

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3. Bridging shall be provided as required structurally.
4. Deflection of the truss shall be limited in accordance with the Code for wood members.
5. Bearing lengths of flanges (other than Douglas Fir Larch) of Web-I joist shall be designed for compression perpendicular to grain pursuant to Section 3.10.2 of NDS-2018.
6. Design calculations and details for specific applications, demonstrating that the wood I-Joists comply with this report, must be submitted to the Structural Plan Check Section. The design calculations and details for specific applications must be prepared and signed by a State of California Licensed Civil or Structural Engineer.

## **DISCUSSION**

The report is in compliance with the 2020 Los Angeles City Building Code.

The approval is based on tests in accordance with ICC-ES Acceptance Criteria AC14.

The Web-i® Wood I-Joists were previously approved in LARR 24189.

This general approval will remain effective provided the Evaluation Report is maintained valid and unrevised with the issuing organization. Any revisions to the report must be submitted to this Department, with appropriate fee, for review in order to continue the approval of the revised report.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this approval have been met in the project in which it is to be used.

Sweet's Joists, Incorporated  
RE: Web-i® Wood I-Joists

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.



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Attachment: ICC ES Report No. ESR-2974 (7 Pages).