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LOS ANGELES, CA 90012

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SUPERINTENDENT OF BUILDING

OSAMA YOUNAN, P.E.
EXECUTIVE OFFICER

RedBuilt, LLC
200 E Mallard Dr
Boise, Idaho 83706

Attn: Michael Collins
(208) 364-1334

RESEARCH REPORT: RR 22614
(CSI # 06 17 00)

BASED UPON ICC EVALUATION SERVICE
REPORT NO. ESR-1774

REEVALUATION DUE
DATE: September 1, 2020
Issued Date: September 1, 2018
Code: 2017 LABC

GENERAL APPROVAL – Reevaluation – Red-L™, Red-W™, Red-M™, Red-S™ and Red-H™
Open-Web Trusses

DETAILS

The above assemblies and/or products are approved when in compliance with the description, use, identification, design, installation, and conditions of use of Report No.ESR-1774, reissued August 2017, reissued August 2017, subject to renewal August 2019 of the ICC Evaluation Service, LLC The report, in its entirety, is attached to and made part of this general approval.

The parts of Report No.ESR-1774 marked by the asterisks have been modified by the Los Angeles City Building Department from this approval.

The approval is subject to the following conditions:

1. The Open-Web trusses shall be fabricated in the shop of a fabricator Licensed by Los Angeles City Building Department in accordance with the manufacturing standards submitted to the Department.
2. Deflection of the trusses shall be limited in accordance with the Code for wood members.
3. The Open-Web Trusses shall be limited to locations where their moisture content cannot be raised above 16 percent.

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RedBuilt, LLC

Re: Red-L™, Red-W™, Red-M™, Red-S™ and Red-H™ Open-Web Trusses.

4. Designs requiring load determination calculations shall be done by a civil or structural engineer registered in the State of California.
5. No cutting or notching of the flanges or chords is permitted.
6. Consideration shall be given to loads due to erection, particularly for long spans which may require nailing of diaphragm prior to erection.

DISCUSSION

The report is in compliance with the 2017 Los Angeles City Building Code.

The approval is based on tests in accordance with ICC-ES Acceptance Criteria for Pin-connected Open-web Trusses with Wood Chords and Tubular Steel Webs (AC306), dated April 2007.

User's guide and substantiation of a computer program used in the analysis of the product have been submitted and are on file with Structural Plan Check.

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.

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.

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.

QUAN NGHIEM, Chief
Engineering Research Section
201 N. Figueroa St., Room 880
Los Angeles, CA 90012
Phone- 213-202-9812
Fax- 213-202-9943

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TLB 1800219
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2301/2303.4/711/1207.7/1207.8

Attachments: ICC-ES Evaluation Report No. ESR-1774 (17 Pages)