CITY OF LOS ANGELES
CALIFORNIA

DEPARTMENT OF
BUILDING AND SAFETY
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RESEARCH REPORT: 25889
(CSI # 05 40 00)

BASED UPON ICC EVALUATION SERVICE
REPORT NO. ESR-1166P

REEVALUATION DUE
DATE: February 1, 2018
Issued Date: January 1, 2016
Code: 2014 LABC

GENERAL APPROVAL – Reevaluation - ClarkDietrich™ Heavy Duty Stud (HDS), C-Sections, and Tracks.

DETAILS

The above products are approved when in compliance with the description, use, identification and findings of Report No. ESR-1166P, reissued August 1, 2015, of the ICC Evaluation Service, LLC. The Report in its entirety is attached and made part of this general approval.

The approval is subject to the following conditions:

1. Test data in accordance with the specified ASTM Standard and grade for all steel shall be provided to the Department upon request as required by Section 2203 of the 2014 City of Los Angeles Building Code.

2. Cross sections, support details and connection details for each stud or joist shall be shown on plans and submitted to structural plan check section for each project. The plans shall bear the stamp and signature of a civil or structural engineer or architect registered in California.

   Exception: This requirement is not applicable to interior non-bearing or non-shear walls 12 feet or less in height.

3. Where exposed to the weather the studs and joists shall be galvanized.

4. Lateral bracing shall be provided by use of gypsum board and gypsum sheathing or by horizontal straps or cold rolled channels. Bracing shall conform to Section D3 of the AISI Specifications.

5. Installation of the gypsum board shall be in accordance with Section 2508 of the 2014 City of Los Angeles Building Code.

6. Wall assembly design wall shall comply with Sections 2210 and 2211 of the 2014 City of Los Angeles Building Code.

7. Flanges and lips of cold formed steel framing members shall not be cut or notched. Holes in web shall be pre-punched as recommended by the manufacturer.

8. Fasteners for steel to steel and structural panel to steel shall be self-drilling tapping screws conforming to ASTM C1513. Fasteners for gypsum board to steel studs shall conform to ASTM C954.

9. Fasteners and other connectors used for structural connections shall be approved by a current City of Los Angeles Research Report.

10. The seismic design calculations and the detailing requirements shall be in accordance with Section 2211 of the 2014 City of Los Angeles Building Code.

11. The fabricator, in processing steel for the Heavy Duty Stud (HDS), C-Sections, and Tracks through his works, shall maintain identity of the material and shall maintain suitable procedures and records attesting that the specified grade has been furnished in conformity with the applicable ASTM Standard. The ASTM or other specification designation shall be included near the erection mark on each shipping assembly or important construction component over any shop coat of paint prior to shipment from the fabricator's plant. The fabricator's identification mark system shall be established and on record prior to fabrication.

    Steel which is not readily identifiable as to grade from marking and test records shall be tested to determine conformity to such standard. The fabricator shall, when requested, furnish an affidavit of compliance with such standard. Test data shall be provided upon request.

DISCUSSION

The report is in compliance with the 2014 Los Angeles City Building Code.

The approval is based on data in accordance with the ICC-Acceptance Criteria for Cold-formed Steel Framing Members (AC 46), dated February 2007 (editorially revised April 2008).

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

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.

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TLB1500270
R12/14/15
2211

Attachment: ICC ES Report No. ESR-1166P (3 Pages)
ESR-1166P CBC and CRC Supplement (1 Page)