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Attn: Chris Gamache, P.E.  
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RESEARCH REPORT: RR 25964  
(CSI # 03 16 00)

BASED UPON ICC EVALUATION SERVICE  
REPORT NO. ESR-3187

REEVALUATION DUE  
DATE: October 1, 2018  
Issued Date: May 1, 2017  
Code: 2017 LABC

**GENERAL APPROVAL** – Clerical Modification - HILTI HIT-HY 200 Adhesive Anchors and Post Installed Reinforcing Bar Connections in Concrete.

## DETAILS

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of approval and identification of Report No. ESR-3187 reissued March 1, 2016, revised November 2016, of the ICC Evaluation Service, LLC. The report, in its entirety, is attached and made part of this general approval.

The parts of Report No. ESR-3187 which are marked by the asterisks are deleted or revised by the Los Angeles City Building Department from this approval.

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

1. The design information listed in the attached report and tables are valid for the fasteners only. Connected members shall be checked for their capacity (which may govern).
2. The anchors shall be identified by labels on the packaging indicating the manufacturer's name and product designation.
3. Design information, edge distances, spacing and minimum embedment requirements shall be per Tables in ICC-ES Report No. ESR-3187.

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4. Special inspection in accordance with Section 1705.3 of the 2017 Los Angeles City Building Code shall be provided for anchor installations.
5. The anchors shall be installed as per the attached manufacturer's instructions except as otherwise stated in this report. Copies of the installation instructions shall be available at each job site.
6. The adhesive anchors and post installed reinforcing bar connectors shall not be used to support fire-resistive construction, unless in compliance with Section 5.12 of ICC-ES ESR-3187.
7. Minimum concrete cover per Section 20.6.1.3 of ACI 318-14 shall be followed whenever applicable.
8. Attachment to masonry is outside the scope of this approval.

## **DISCUSSION**

The clerical modification is to correct the petitioner address and to recognize the 2017 Los Angeles Building Code for this general approval.

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

This approval is based on ICC-ES Acceptance Criteria for Post-Installed Adhesive Anchors in Concrete (AC308), dated January 2016, which incorporates requirements in ACI 355.4-11 and table 3.8 for evaluating post installed reinforcing bars.

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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RE: HILTI HIT HY-200 Adhesive Anchors and Post Installed Reinforcing Bar Connections in Concrete

Hilti offers software to assist in the design of anchorage using Hilti products.

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Attachment: ICC ES Report No. ESR-3187 (42 Pages)