

# POST-INSTALLED ANCHORS REPORT

**Report Number:** 02191565.0054  
**Service Date:** 08/04/20  
**Report Date:** 08/05/20  
**Task:** 19 - Wood Framing Observation

**\* Report Contains Deviation(s)**

**Terracon**

15620 W 113th St  
Lenexa, KS 66219-5102  
913-492-7777

## Client

Axiom Northwest Construction, Inc.  
Attn: Norm Hellings  
2232 Broadway  
Suite 101  
Everett, WA 98201

## Project

DCI - Lee's Summit  
2001 Shamrock Rd  
Lee's Summit, MO

Project Number: 02191565

**Placement Location:** Shear Wall Holddowns (see attached diagram)  
**Elements Installed:** All-Thread Anchor Bolts  
**Quantity Installed:** 11  
**Element Dimensions:** 7/8-inch diameter anchor bolt, 36 inches long  
**Embedment Depth:** 22 to 23 inches  
**Adhesive Used:** DeWALT AC200+ (Exp. 11/2021)  
**Source of Specifications:** Pending email from Structural Engineer

## Summary:

Terracon's representative was on-site for observation as the above-referenced anchor bolts were installed into hardened concrete. Based on our observations, these elements **were not** installed in general accordance with the above-referenced construction documents and the adhesive manufacturer's installation instructions. Please see the "Deviations" section for more information regarding non-conforming items.

## Deviations:

- 1) The contractor informed Terracon that an email from the structural engineer contained specifications for the post-installed anchor bolts. The email was not provided at the time of today's visit. Terracon is unable to verify if the anchor bolts were installed according to the structural engineer's specifications.
- 2) The shearwall holddown just west of gridline D/9 was not installed due to its location in the column blackout.

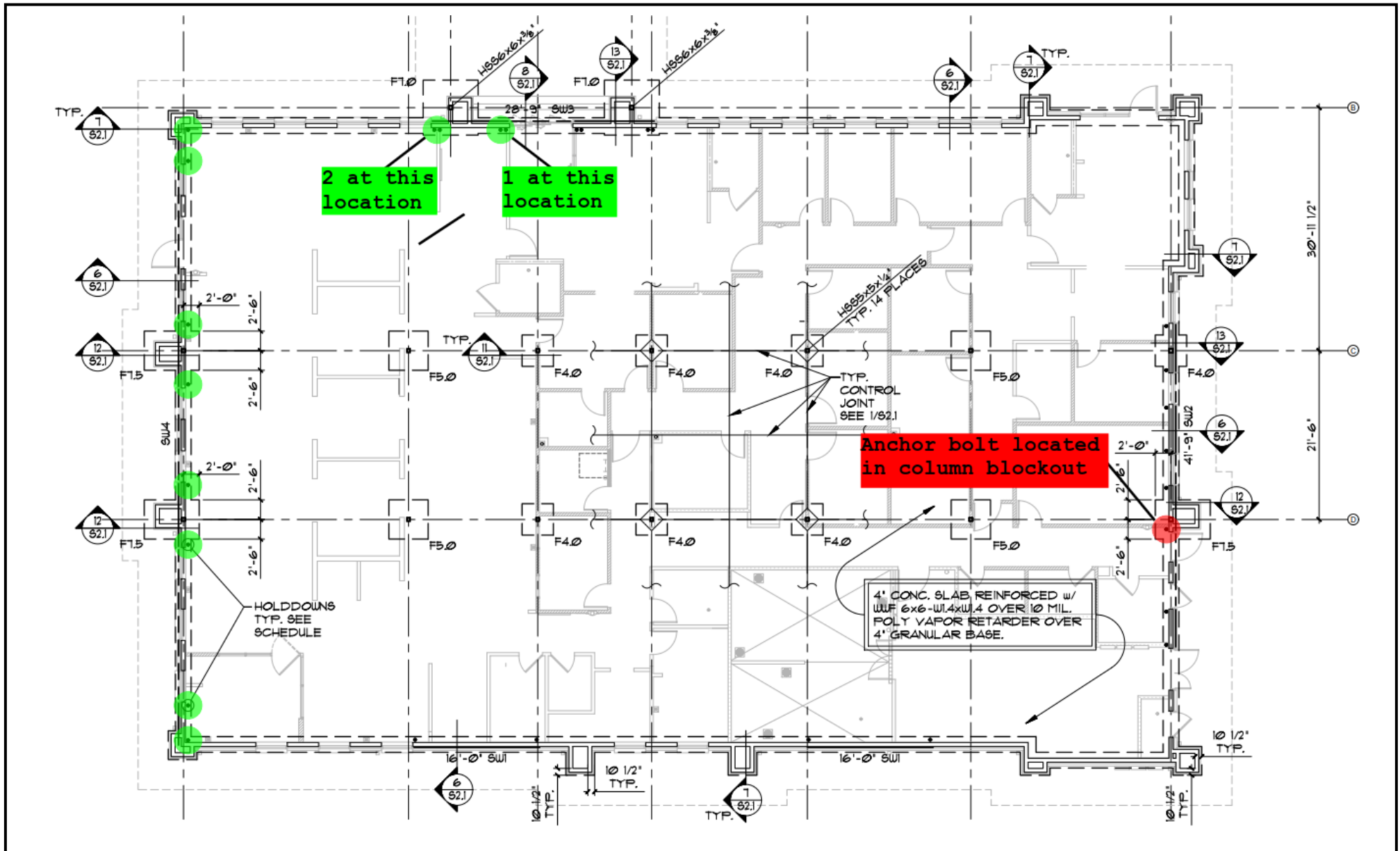
## Services:


**Terracon Rep.:** Ethan Peck  
**Reported To:** Norm Hellings (Axiom Northwest)  
**Contractor:** Axiom Northwest Construction  
**Report Distribution:**  
(1) Axiom Northwest Construction, Inc.,  
norm@axiomnw.com

**Reviewed By:**

  
Feras El Ghoussein  
Project Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.



DCI - Lee's Summit	Site Plan:	Post-Installed Anchors Diagram	
	Report Number:	02191565.0054	
2001 Shamrock Rd	Technician:	Ethan Peck	15620 W 113th St
Lee's Summit, MO	Date:	08/04/20	Lenexa, KS 66219-5102
	Scale:	Not to Scale	913-492-7777

## POST-INSTALLED ANCHORS REPORT

**Report Number:** 02191565.0055  
**Service Date:** 08/06/20  
**Report Date:** 08/09/20  
**Task:** 20 - Rework/Retesting and Additional Consulting

**Terracon**

15620 W 113th St  
Lenexa, KS 66219-5102  
913-492-7777

### Client

Axiom Northwest Construction, Inc.  
Attn: Norm Hellings  
2232 Broadway  
Suite 101  
Everett, WA 98201

### Project

DCI - Lee's Summit  
2001 Shamrock Rd  
Lee's Summit, MO

Project Number: 02191565

**Placement Location:** Perimeter shear wall hold down anchors  
**Elements Installed:** All-Thread Anchor Rods  
**Quantity Installed:** 5 on east wall, 7 on south wall with 1 to be cast in place with column block out, and 4 on west wall  
**Element Dimensions:** 7/8-inch diameter anchor bolts, 36 inches long  
**Embedment Depth:** 22 inches  
**Adhesive Used:** Dewalt AC200+, expiration date Dec 2021  
**Source of Specifications:** DCI Lee's Summit, revision 12/19/19

### Summary:

Terracon's representative was on-site for observation as the above-referenced anchor rods were installed into hardened concrete. Based on our observations, these elements **were not** installed in general accordance with the above-referenced construction documents and the adhesive manufacturer's installation instructions. Please see the "Deviations" section for more information regarding non-conforming items.

### Deviations:

No specifications were provided, and we are unable to verify if the anchor bolts were installed in accordance with the structural engineer's specifications.

### Services:

**Terracon Rep.:** Timothy G. Fritz  
**Reported To:** Norm Hellings (Axiom Northwest)  
**Contractor:** Axiom Northwest Construction  
**Report Distribution:**

(1) Axiom Northwest Construction, Inc.,  
norm@axiomnw.com

**Reviewed By:**

  
Feras El Ghoussein  
Project Manager

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