

REINFORCING STEEL OBSERVATIONS REPORT

Report Number: 02191565.0029
Service Date: 05/19/20
Report Date: 05/21/20
Task: 07 - Concrete Reinforcing Steel 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

Contractor: Bottorff Construction

Element Observed: Foundations

Observation Locations: Perimeter footings and interior isolated column footings at gridlines C/2, 4, 6, 7, 8 and D/2, 4, 6, 7, 8.

Summary: Based on our observations, the reinforcing steel placement at the above-referenced locations **did not appear** to be completed in accordance with the project plans identified below. Refer to the comments section and attached deviation report for a discussion of non-conforming items. Results were reported to Norm with Axiom Construction at the completion of today's activities.

Referenced Drawings: Randall Dover plans dated 11/06/2019.

Deviations: Anchor bolts for columns not installed at time of concrete placement.

Services:

Terracon Rep.: Caleb Brewer

Reported To: Norm with Axiom

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.

DEVIATION LOG

Report Date: 5/21/2020

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

Client

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

Project

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

Project Number: 02191565

Deviation No.	Report No.	Service	Service Date	Description/Comments	How Resolved	Date Resolved	Status
D000001	0012	Field Density Testing	04/02/20	Moisture content does not comply, Test 4	Moisture conditioned and retested, refer to Terracon Report 02191565.0014	04/07/20	Closed
D000002	0014	Field Density Testing	04/07/20	Moisture content does not comply, Test 1	Moisture conditioned and retested, refer to Terracon Report 02191565.0015	04/08/20	Closed
D000003	0014	Field Density Testing	04/07/20	Moisture content does not comply, Test 2	Moisture conditioned and retested, refer to Terracon Report 02191565.0015	04/08/20	Closed
D000004	0014	Field Density Testing	04/07/20	Moisture content does not comply, Test 3	Moisture conditioned and retested, refer to Terracon Report 02191565.0015	04/08/20	Closed
D000005	0015	Field Density Testing	04/08/20	Moisture content does not comply, Test 1	Moisture conditioned and retested, refer to Terracon Report 02191565.0016	04/09/20	Closed
D000006	0015	Field Density Testing	04/08/20	Moisture content does not comply, Test 2	Moisture conditioned and retested, refer to Terracon Report 02191565.0016	04/09/20	Closed
D000007	0015	Field Density Testing	04/08/20	Moisture content does not comply, Test 3	Moisture conditioned and retested, refer to Terracon Report 02191565.0016	04/09/20	Closed

DEVIATION LOG

Report Date: 5/21/2020

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

Client

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

Project

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

Project Number: 02191565

Deviation No.	Report No.	Service	Service Date	Description/Comments	How Resolved	Date Resolved	Status
D000008	0021	Proofrolling Observation	04/15/20	Pumping was observed during the proofroll of the building pad	Area reworked, and a follow up proofroll observed. Refer to Terracon Report 02191565.0024	05/04/20	Closed
D000009	0022	Concrete Compressive Strength Test	04/21/20	Slump does not comply, Set 1			Open
D000010	0029	Reinforcing Steel Observations	05/19/20	Anchor bolts for columns not installed at time of concrete placement.			Open

REINFORCING STEEL OBSERVATIONS REPORT

Report Number: 02191565.0033
Service Date: 05/20/20
Report Date: 05/23/20
Task: 07 - Concrete Reinforcing Steel Observation

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

Contractor: Bottorff Construction

Element Observed: Foundations

Observation Locations: Isolated Spread Footings at Gridlines A/3 and A/5

Summary: Based on our observations, the reinforcing steel placement at the above-referenced locations appeared to be in general accordance with the project drawings identified below. Results were reported to Norm with Axiom Construction at the completion of today's activities.

Referenced Drawings: Randall Dover plans dated 11/06/2019.

Comments: Anchor bolts for columns not installed at time of concrete placement.. Reference deviation D000010 in the Terracon Deviation Log

Services:

Terracon Rep.: Caleb Brewer

Reported To: Norm with Axiom

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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DEVIATION LOG

Report Date: 5/23/2020

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

Client

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

Project

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

Project Number: 02191565

Deviation No.	Report No.	Service	Service Date	Description/Comments	How Resolved	Date Resolved	Status
D000001	0012	Field Density Testing	04/02/20	Moisture content does not comply, Test 4	Moisture conditioned and retested, refer to Terracon Report 02191565.0014	04/07/20	Closed
D000002	0014	Field Density Testing	04/07/20	Moisture content does not comply, Test 1	Moisture conditioned and retested, refer to Terracon Report 02191565.0015	04/08/20	Closed
D000003	0014	Field Density Testing	04/07/20	Moisture content does not comply, Test 2	Moisture conditioned and retested, refer to Terracon Report 02191565.0015	04/08/20	Closed
D000004	0014	Field Density Testing	04/07/20	Moisture content does not comply, Test 3	Moisture conditioned and retested, refer to Terracon Report 02191565.0015	04/08/20	Closed
D000005	0015	Field Density Testing	04/08/20	Moisture content does not comply, Test 1	Moisture conditioned and retested, refer to Terracon Report 02191565.0016	04/09/20	Closed
D000006	0015	Field Density Testing	04/08/20	Moisture content does not comply, Test 2	Moisture conditioned and retested, refer to Terracon Report 02191565.0016	04/09/20	Closed
D000007	0015	Field Density Testing	04/08/20	Moisture content does not comply, Test 3	Moisture conditioned and retested, refer to Terracon Report 02191565.0016	04/09/20	Closed

DEVIATION LOG

Report Date: 5/23/2020

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

Client

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

Project

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

Project Number: 02191565

Deviation No.	Report No.	Service	Service Date	Description/Comments	How Resolved	Date Resolved	Status
D000008	0021	Proofrolling Observation	04/15/20	Pumping was observed during the proofroll of the building pad	Area reworked, and a follow up proofroll observed. Refer to Terracon Report 02191565.0024	05/04/20	Closed
D000009	0022	Concrete Compressive Strength Test	04/21/20	Slump does not comply, Set 1			Open
D000010	0029	Reinforcing Steel Observations	05/19/20	Anchor bolts for columns not installed at time of concrete placement.			Open

REINFORCING STEEL OBSERVATIONS REPORT

Report Number: 02191565.0036
Service Date: 05/22/20
Report Date: 05/27/20
Task: 07 - Concrete Reinforcing Steel Observation

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

Contractor: Axiom Construction

Element Observed: Stem Wall

Observation Location: Gridlines B-B.5/1-4

Summary: Based on our observations, the reinforcing steel placement at the above-referenced locations appeared to be in general accordance with the project drawings identified below. Results were reported to Norm Hellings with Axiom and Josh Romazon with Bottorff Construction at the completion of today's activities.

Referenced Drawings: IRB approved Shop Drawings dated 03/13/2020

Services:

Terracon Rep.: Feras El-Ghussein

Reported To: Norm with Axiom and Josh Romazon with

Contractor: Axiom Northwest Construction

Report Distribution:

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

Reviewed By:


Feras El-Ghussein
Project Manager

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REINFORCING STEEL OBSERVATIONS REPORT

Report Number: 02191565.0041
Service Date: 06/02/20
Report Date: 06/07/20
Task: 07 - Concrete Reinforcing Steel Observation

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

Contractor: Axiom Construction

Element Observed: Stem wall

Observation Locations: Perimeter stem wall, along gridlines B/1.8-9 and B to 11' east of D/9

Summary: Based on our observations, the reinforcing steel placement at the above-referenced locations appeared to be in general accordance with the project drawings identified below. Results were reported to Norm Hellings with Axiom Northwest Construction at the completion of today's activities.

Referenced Drawings: IRB approved shop drawing, 3/24/2020.

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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REINFORCING STEEL OBSERVATIONS REPORT

Report Number: 02191565.0044
Service Date: 06/05/20
Report Date: 06/14/20
Task: 07 - Concrete Reinforcing Steel Observation

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

Contractor: Axiom Construction

Element Observed: Stem Wall

Observation Location(s): Perimeter stem wall at gridlines B/9 to SE corner of building to 40' north of SE corner of building.

Summary: Based on our observations, the reinforcing steel placement at the above-referenced locations appeared to be in general accordance with the project drawings identified below. Results were reported to Norm Hellings with Axiom Construction at the completion of today's activities.

Referenced Drawing(s): Randall Dover plans dated 11/06/2019.

Services:

Terracon Rep.: Caleb Brewer

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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REINFORCING STEEL OBSERVATIONS REPORT

Report Number: 02191565.0072

Service Date: 09/24/20

Report Date: 11/04/20

Task: 09 - Portland Cement Concrete Testing - Building Elements

Terracon

15620 W 113th St

Lenexa, KS 66219-5102

913-492-7777

*** Report Contains Deviation(s)**

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

Contractor:

Axiom Northwest Construction

Element Observed:

Foundation

Observation Locations:

Trash enclosure

Summary:

Based on our observations, the reinforcing steel placement at the above-referenced locations **did not appear** to be completed in accordance with the project plans identified below. Refer to the comments section and attached deviation report for a discussion of non-conforming items. Results were reported to Norm Hellings with Axiom Construction at the completion of today's activities.

Referenced Drawings:

Randall Dover plans, Dated 11/06/2019

Deviations:

Concrete was delayed and steel was not completed at the time of our departure. We were informed that concrete would be placed later today, and we informed the site contact that we would be unable to provide observation of the steel or provide concrete testing and observation. We informed the site contact that the incomplete steel would be reported as a deviation, as we cannot verify that the steel was adequate during the time of concrete placement

Services:

Terracon Rep.: Richard N. Cohen

Reported To:

Contractor: Axiom Northwest Construction

Report Distribution:

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

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

Reviewed By:


Feras El Ghusseini
Project Manager

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REINFORCING STEEL OBSERVATIONS REPORT

Report Number: 02191565.0084
Service Date: 12/18/20
Report Date: 12/22/20
Task: 07 - Concrete Reinforcing Steel Observation

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

Contractor: Axiom Northwest Construction

Element Observed: Foundation

Observation Locations: Monument Sign

Summary: Based on our observations, the reinforcing steel placement at the above-referenced locations appeared to be in general accordance with the project drawings identified below. Results were reported to James Buchanan with Axiom at the completion of today's activities.

Referenced Drawings: Randall Dover Architect plans, date October 29/2020

Services:

Terracon Rep.: Richard N. Cohen

Reported To: James Buchanan with Axiom

Contractor: Axiom Northwest Construction

Report Distribution:

(1) Axiom Northwest Construction, Inc.,
norm@axiomnw.com
(1) Axiom Northwest Construction, Inc.,
ryan@axiomnw.com
(1) City of Lee's Summit MO,
mark.harding@cityofls.net

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

Reviewed By:


Feras El Ghoussein
Project Manager

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