

REINFORCING STEEL OBSERVATIONS REPORT



Report Number: 02251170.0078
Service Date: 07/09/25
Report Date: 07/10/25
Task: 03 - Concrete Special Inspection & Testing

*** Report Contains Deviation(s)**

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

Client

Waterway Gas & Wash
Attn: John Signaigo
727 Goddard Ave
Chesterfield, MO 63005-1106

Project

Waterway Lee's Summit
1000 NW Pryor Rd.
Lee's Summit, MO 64081

Project Number: 02251170

General Information

Geno Ruiz with Wright Building System requested Terracon to be on site for reinforcing steel observation of the following elements: continuous footings, slab-on-grade. These elements are being constructed by Steller Concrete. The results of observation(s) for today were reported to Geno Ruiz with Wright Building System.

The construction documents referenced for this observation include: Structural plans dated 1/6/2025.

Reinforcing Steel

Terracon observed reinforcing steel detailed below for the following items (as applicable): grade, configuration, size, lap length, quantity, spacing, tying, clearances, steel condition and embedded items.

Element	Location	Referenced Documents	Status	Comments
Continuous footing	(1) A/3	S0.0.1	DOES NOT Comply	*DEVIATION* Lap Length: Lap splices from previous pour are 21". See Photo P1.
Slab-on-grade	(2) Pits at B.5/3-4	Detail 2 sheet S2.1	DOES NOT Comply	*DEVIATION* Lap Length: Lap slice Lengths are as low as 6" Installation was not performed with current plans. New plans were NOT available. See Photo P2 and P3.
Slab-on-grade	(2) Bottom of Pits A-C/3-4	S2.1 Detail 1	DOES NOT Comply	*DEVIATION* U bars at bottom of both trenches are in a horizontal orientation. Detail1 on S2.1 shows they are to be installed in a vertical orientation. See Photo P9.
Continuous footing	(3) A-D/1-3	S0.2, S1.0	Complies	Slab dowels for CMU wall were wetset. All other issues noted on report 02251170.0074 were resolved prior to concrete placement

Compliance Statement

Based on our observations, reinforced concrete construction activities at the above-referenced locations DID NOT appear to be completed in accordance with project plans and specifications. Refer to the comments section and table above for a discussion of non-conforming items.

Services:

Terracon Rep.: Jake Dunning
Reported To: Geno Ruiz with Wright Building System
Contractor: Steller Concrete
Report Distribution:

(1) Waterway Gas & Wash,
john@waterway.com

(1) Wright Building Systems LLC,
gruiz@wrightbuildingsystems.com

Reviewed By:

rvw2: daw

Omar Hashmi
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.

Photo Log

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(P1) Laps @ A/3 from previous pour



(P7) Pit at B.5/3.5 post concrete placement



(P2) Pit at B.5/3.5



(P3) Pits at B.5/3.75

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(P8) Pit at B.5/3.75 post concrete placement



(P5) Lap spliced where bar was cut out



(P4) Corner @ D/3



(P6) Corner at A/1

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(P7) Post concrete placement @ A/3



(P9) Bottom of Pits A-C/3-4



(P8) Post concrete placement @ A/1

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Deviation No.	Report No.	Service	Service Date	Description/Comments	How Resolved	Date Resolved	Status
D000001	0002	Proofrolling Observation	04/22/25	Paving - Entire site : Soft, Wet Comments: See report .0005	Retested and passed	04/23/25	Closed
D000002	0003	Field Density Testing	04/23/25	NW Quadrant (driving Lanes to wash) - Moisture content and % compaction don't comply, Test 1 Comments: See report .0008	Retested and passed	04/28/25	Closed
D000003	0003	Field Density Testing	04/23/25	NW Quadrant (driving Lanes to wash.) - Moisture content and % compaction don't comply, Test 2 Comments: See report .0008	Retested and passed	04/28/25	Closed
D000004	0011	Field Density Testing	05/01/25	SW Quadrant - Percent compaction does not comply, Test 1 Comments: See report .0012	Retested and passed	05/05/25	Closed
D000005	0011	Field Density Testing	05/01/25	SW Quadrant - Moisture content and % compaction don't comply, Test 2 Comments: See report .0012	Retested and passed	05/05/25	Closed
D000006	0011	Field Density Testing	05/01/25	SE Quadrant Building pad. - Moisture content does not comply, Test 3 Comments: See report .0012	Retested and passed	05/05/25	Closed
D000007	0011	Field Density Testing	05/01/25	NW Quadrant - Moisture content and % compaction don't comply, Test 5 Comments: See report .0012	Retested and passed	05/05/25	Closed
D000008	0013	Field Density Testing	05/06/25	Building pad west of center. - Moisture content does not comply, Test 3 Comments: See report .0014	Retested and passed	05/07/25	Closed
D000009	0013	Field Density Testing	05/06/25	Building pad south, west of center. - Moisture content does not comply, Test 4 Comments: See report .0014	Retested and passed	05/07/25	Closed
D000010	0045	Concrete Compressive Strength Test	06/17/25	South footing wall , SE corner - Air content does not comply, Set 1			Open
D000011	0052	Post-Installed Anchors	06/20/25	Adhesive anchor installation details not provided. RFI required			Open

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D000012	0056	Concrete Compressive Strength Test	06/24/25	South perimeter footings, Southeast corner of south perimeter footings - Slump does not comply, Set 2			Open
D000013	0067	Post-Installed Anchors	07/01/25	Post Installed Anchors- Foundation Wall along Gridline A / South of 3 line: RFI PENDING			Open
D000014	0070	Post-Installed Anchors	07/07/25	Post Installed Anchors - CMU wall control joint bars: RFI required			Open
D000015	0078	Reinforcing Steel Observations	07/09/25	A/3: Lap Length: Lap splices from previous pour are 21"			Open
D000016	0078	Reinforcing Steel Observations	07/09/25	Pits at B.5/3-4: Lap Length: Lap slice Lengths are as low as 6" Installation was not performed with current plans. No new plans were available.			Open
D000017	0078	Reinforcing Steel Observations	07/09/25	U bars at bottom of both trenches are in a horizontal orientation. Detail1 on S2.1 shows they are to be installed in a vertical orientation.			Open