

DEVIATION LOG

Report Date: 12/15/2025


 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

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	accepted by: Kreher Eng	12/18/25	Open
D000011	0052	Post-Installed Anchors	06/20/25	Adhesive anchor installation details not provided. RFI required Comments: RFI provided by EOR	See RFI# 9 dated 07/14/2025	07/14/25	Closed

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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	accepted by: Kreher Eng	12/18/25	Open
D000013	0067	Post-Installed Anchors	07/01/25	Post Installed Anchors- Foundation Wall along Gridline A / South of 3 line: RFI PENDING Comments: RFI provided by EOR.	RFI# 9 dated 07/14/2025.	07/14/25	Closed
D000014	0070	Post-Installed Anchors	07/07/25	Post Installed Anchors - CMU wall control joint bars: RFI required Comments: RFI provided by EOR.	RFI# 9 dated 07/14/2025.	07/14/25	Closed
D000015	0078	Reinforcing Steel Observations	07/09/25	A/3: Lap Length: Lap splices from previous pour are 21"	accepted by: Kreher Eng	12/18/25	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.	accepted by: Kreher Eng	12/18/25	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. Comments: See report .0108	Deviations corrected, reinspected and passed	08/01/25	Closed
D000018	0083	Masonry Observations	07/11/25	South perimeter CMU wall: 1 #5 bar placed instead of 2 #5 bars on either side of control joints	accepted by: Kreher Eng	12/18/25	Open
D000019	0086	Masonry Observations	07/14/25	South perimeter CMU wall: 1 #5 bar placed instead of 2 #5 bars on either side of control joints	accepted by: Kreher Eng	12/18/25	Open
D000020	0087	Masonry Observations	07/15/25	(2) 12'-14'8"/South perimeter wall, A-C.5/4: 1#5 bar instead of 2 #5 bars placed at control joints upto 12'. 2 #5 bars were placed between 12'-14'8" lift.	accepted by: Kreher Eng	12/18/25	Open

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Deviation No.	Report No.	Service	Service Date	Description/Comments	How Resolved	Date Resolved	Status
D000021	0056	Concrete Compressive Strength Test	06/24/25	South perimeter footings, Southwest corner of south perimeter footings - Average compressive strength does not comply, Set 1 Age 28	accepted by: Kreher Eng	12/18/25	Open
D000022	0056	Concrete Compressive Strength Test	06/24/25	South perimeter footings, Southeast corner of south perimeter footings - Average compressive strength does not comply, Set 2 Age 28	accepted by: Kreher Eng	12/18/25	Open
D000023	0056	Concrete Compressive Strength Test	06/24/25	South perimeter footings, Southwest corner of south perimeter footings - Average compressive strength does not comply, Set 1 Age 56	accepted by: Kreher Eng	12/18/25	Open
D000024	0056	Concrete Compressive Strength Test	06/24/25	South perimeter footings, Southeast corner of south perimeter footings - Average compressive strength does not comply, Set 2 Age 56	accepted by: Kreher Eng	12/18/25	Open
D000025	0123	Field Density Testing	10/08/25	200 feet west of north east light pole - Percent compaction does not comply, Test 1 Comments: See reports .0125 & .0126	Retested and passed	10/15/25	Closed
D000026	0123	Field Density Testing	10/08/25	75 feet west of north east light pole - Percent compaction does not comply, Test 2 Comments: See reports .0125 & .0126	Retested and passed	10/15/25	Closed

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)**

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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. Detail 1 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

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

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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

accepted
Kreher
12/16/25



(P3) Pits at B.5/3.75

accepted
Kreher
12/16/25

Photo Log

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



(P5) Lap spliced where bar was cut out

accepted
Kreher
12/16/25



(P4) Corner @ D/3



(P6) Corner at A/1

Photo Log

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Task: 03 - Concrete Special Inspection & Testing

*** Report Contains Deviation(s)**



15620 W 113th St
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(P7) Post concrete placement @ A/3



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

accepted
Kreher
12/16/25



(P8) Post concrete placement @ A/1

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Project Number: 02251170

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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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Deviation No.	Report No.	Service	Service Date	Description/Comments	How Resolved	Date Resolved	Status
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

MASONRY OBSERVATIONS REPORT

Report Number: 02251170.0083
Service Date: 07/11/25
Report Date: 07/17/25
Task: 04 - Structural Masonry Special Inspection

*** Report Contains Deviation(s)**



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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 Systems requested Terracon be on site for grout observation, reinforcing steel observation of the following elements: walls. These elements are being constructed by Trifecta masonry. The results of observation(s) for today were reported to Geno Ruiz with Wright Building System.

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

single bar is acceptable

Kreher
12/16/25

Reinforcing Steel Observations

Construction Type	Elevation /Location	Vertical Reinforcement Summary	Bond Beam Reinforcement Summary	Lintel Reinforcement Summary	Embedded Items	Comments	Status
Walls	(2) 48"-96" TOFF/B.75-C.5/4	1-#5 @ 32" o.c. with 1-#5 at control joints, and additional #5 at door jambs and corners	N/A	2-#5 top and bottom w/#3 single leg stirrups at 6" o.c., grade 60, with 24" bearing	Embedded items were not noted on reference documents	None	*Deviation* 1 #5 bar placed instead of 2 #5 bars at control joints

Vertical bar positioners were utilized. Referenced document(s) were S0.3.

Grout Observations

Construction Type	Masonry Type	Elevation /Location	Grout Technique	Cleanouts Provided	Consolidation Method	Production Methods	Comments	Status
Walls	CMU	(1) 48"-96" TOFF/B.75-C.5/4	Low Lift	N/A	Vibration	Onsite - SpecMix	None	Complies

No strength specimens were cast.

Compliance Statement

Based on our observations, masonry activities observed at the above-referenced locations DID NOT appear to be completed in general accordance with the project plans and specifications.

Services:

Terracon Rep.: Jake Dunning
Reported To: Geno Ruiz with Wright Building System
Contractor: Trifecta Masonry
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.

MASONRY OBSERVATIONS REPORT

Report Number: 02251170.0086
Service Date: 07/14/25
Report Date: 07/17/25
Task: 04 - Structural Masonry Special Inspection

*** Report Contains Deviation(s)**



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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 be on site for masonry observation, grout observation, reinforcing steel observation of the following elements: walls. These elements are being constructed by Tribeca masonry. The results of observation(s) for today were reported to Geno Ruiz with Wright Building System.

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

Masonry Observations

Construction Type	Masonry Block Type/Size	Elevation /Location	Comments	Status
Walls	Normal Weight 8" - CMU	(3) 96"-144" TOFF/A-C.5/4	Control joint(s) were observed	Complies

Referenced document(s) were S0.3. Weather procedure(s) were not followed.

Reinforcing Steel Observations

Construction Type	Elevation /Location	Vertical Reinforcement Summary	Bond Beam Reinforcement Summary	Lintel Reinforcement Summary	Embedded Items	Comments	Status
Walls	(1) 96"-144" TOFF/A-C.5/4	1-#5 @ 32" o.c. with 1-#5 at control joints, and additional #5 at door jambs and corners	2-#4 Cont. Grade 60	N/A	Embedded items were not noted on reference documents	None	*Deviation* 1# 5 bar placed instead of 2 #5 bars at control joints

single bar is acceptable

Kreher
12/16/25

Vertical bar positioners were utilized. Referenced document(s) were S0.3.

Grout Observations

Construction Type	Masonry Type	Elevation /Location	Grout Technique	Cleanouts Provided	Consolidation Method	Production Methods	Comments	Status
Walls	CMU	(2) 96"-144" TOFF/A-C.5/4	Low Lift	N/A	Vibration	Onsite SpecMix	None	Complies

No strength specimens were cast.

Compliance Statement

Based on our observations, masonry activities observed at the above-referenced locations appeared to be completed in general accordance with the project plans and specifications.

Services:

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

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(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.

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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
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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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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
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D000018	0083	Masonry Observations	07/11/25	South perimeter CMU wall: 1 #5 bar placed instead of 2 #5 bars on either side of control joints			Open
D000019	0086	Masonry Observations	07/14/25	South perimeter CMU wall: 1 #5 bar placed instead of 2 #5 bars on either side of control joints			Open

MASONRY OBSERVATIONS REPORT



Report Number: 02251170.0087
Service Date: 07/15/25
Report Date: 07/17/25
Task: 04 - Structural Masonry Special Inspection

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Project Number: 02251170

General Information

Geno Ruiz (Wright Building Systems) requested Terracon be on site for grout observation, reinforcing steel observation of the following elements: walls. These elements are being constructed by Trifecta Masonry. The results of observation(s) for today were reported to Geno Ruiz (Wright Building Systems).

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

Single bar is acceptable

Kreher
12/16/25

Reinforcing Steel Observations

Construction Type	Elevation /Location	Vertical Reinforcement Summary	Bond Beam Reinforcement Summary	Lintel Reinforcement Summary	Embedded Items	Comments	Status
Walls	(2) 12'-14'8"/South perimeter wall, A-C.5/4	#5 bars @ 32" O.C. typical	2#4 bars @ 14'8"	N/A	N/A	<p>*DEVIATION* 1 #5 bar instead of 2 #5 bars placed at control joints up to 12'. 2 #5 bars were placed between 12'-14'8" lift.</p>	DOES NOT Comply

Vertical bar positioners were utilized. Referenced document(s) were Structural plans dated 01/06/2025.

Grout Observations

Construction Type	Masonry Type	Elevation /Location	Grout Technique	Cleanouts Provided	Consolidation Method	Production Methods	Comments	Status
Walls	CMU	(1) 12'-14'8"/South perimeter wall, A-C.5/4	Low Lift	N/A	Vibration	On site mix/Specmix	None	Complies

No strength specimens were cast.

Compliance Statement

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

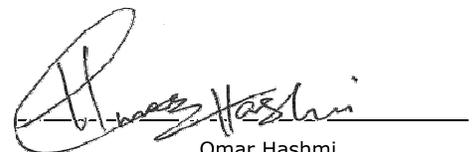
Services:

Terracon Rep.: Omar Hashmi
Reported To: Geno Ruiz (Wright Building Systems)
Contractor: Trifecta Masonry
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.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT



Report Number: 02251170.0056
Service Date: 06/24/25
Report Date: 08/21/25 Revision 2 - 56-day results
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

Material Information

Specified Strength: 4,000 psi @ 28 days

Mix ID: 40-A564L
Supplier: Penny's Concrete
Batch Time: 1219 **Plant:** 03
Truck No.: 267 **Ticket No.:** 3200109

Sample Information

Sample Date: 06/24/25 **Sample Time:** 1351
Sampled By: Drew Helmke
Weather Conditions: Mostly cloudy
Accumulative Yards: 10/90 **Batch Size (cy):** 10
Placement Method: Direct Discharge
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Southwest corner of south perimeter footings
Placement Location: South perimeter footings
Sample Description: 4-inch diameter cylinders

Field Test Data

Test	Result	Specification
Slump (in):	5	3 - 5
Air Content (%):	6.4	4.5 - 7.5
Concrete Temp. (F):	88	
Ambient Temp. (F):	90	
Plastic Unit Wt. (pcf):	137.9	
Yield (Cu. Yds.):		

Laboratory Test Data

Set No.	Spec ID	Cyl. Cond.	Avg Diam. (in)	Area (sq in)	Date Received	Date Tested	Age at Test (days)	Max Load (lbs)	Comp Strength (psi)	Frac Type	Tested By
1	1	Good	4.00	12.57	06/25/25	07/01/25	7	34,870	2,770	3	LDU
1	2	Good	4.00	12.57	06/25/25	07/22/25	28	45,310	3,610	2	LDU
1	3	Good	4.00	12.57	06/25/25	07/22/25	28	45,670	3,630	2	LDU
1	4	Good	4.00	12.57	06/25/25	07/22/25	28	45,550	3,620	2	LDU
Average (28 days)									3,620	*	
1	5	Good	4.00	12.57	06/25/25	08/20/25	56	46,850	3,730	*	LDU

Initial Cure: Inside **Final Cure:** Moist Room

Comments: * Compressive strength of 56 day cylinders does not comply with the specified strength.
Note: Reported air content does not include Aggregate Correction Factor (ACF).

ACI allows 500 psi below specified

Kreher
12/16/25

Samples Made By: Terracon

Services: Sample fresh concrete at the placement locations, perform required field tests and cast compressive strength samples. Standard test methods include ASTM: C31, C39, C138, C143, C172, C173 or C231, C1064 and C1231.

Terracon Rep.: Drew Helmke

Reported To: Geno Ruiz (Wright Building Systems)

Contractor: Steller Concrete

Report Distribution:

(1) Waterway Gas & Wash,
signaigo1964@gmail.com

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

Test Methods: ASTM C 31, ASTM C39, ASTM C138, ASTM C143, ASTM C172, ASTM C231, ASTM C1064, ASTM C1231

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.

CONCRETE COMPRESSIVE STRENGTH TEST REPORT



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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

Material Information

Specified Strength: 4,000 psi @ 28 days

Mix ID: 40-A564L
Supplier: Penny's Concrete
Batch Time: 1433 **Plant:** 03
Truck No.: 296 **Ticket No.:** 3200124

Sample Information

Sample Date: 06/24/25 **Sample Time:** 1515
Sampled By: Drew Helmke
Weather Conditions: Mostly cloudy
Accumulative Yards: 70/90 **Batch Size (cy):** 10
Placement Method: Direct Discharge
Water Added Before (gal): 0
Water Added After (gal): 0
Sample Location: Southeast corner of south perimeter footings
Placement Location: South perimeter footings
Sample Description: 4-inch diameter cylinders

Field Test Data

Test	Result	Specification
Slump (in):	8 *	3 - 5
Air Content (%):	7.5	4.5 - 7.5
Concrete Temp. (F):	80	
Ambient Temp. (F):	91	
Plastic Unit Wt. (pcf):	135.6	

Yield (Cu. Yds.):

* = Field Test Results do not meet project specifications.

Laboratory Test Data

Set No.	Spec ID	Cyl. Cond.	Avg Diam. (in)	Area (sq in)	Date Received	Date Tested	Age at Test (days)	Max Load (lbs)	Comp Strength (psi)	Frac Type	Tested By
2	1	Good	4.00	12.57	06/25/25	07/01/25	7	31,720	2,520	2	LDU
2	2	Good	4.00	12.57	06/25/25	07/22/25	28	39,970	3,180	2	LDU
2	3	Good	4.00	12.57	06/25/25	07/22/25	28	42,050	3,350	3	LDU
2	4	Good	4.00	12.57	06/25/25	07/22/25	28	40,560	3,230	3	LDU
Average (28 days)									3,250 *		
2	5	Good	4.00	12.57	06/25/25	08/20/25	56	43,630	3,470 *	5	LDU

Initial Cure: Inside

Final Cure: Moist Room

Comments: * Compressive strength of 56 day cylinders does not comply with the specified strength.

Note: Reported air content does not include Aggregate Correction Factor (ACF).

ACI allows 500 psi below specified

Kreher
12/16/25

Samples Made By: Terracon

Services: Sample fresh concrete at the placement locations, perform required field tests and cast compressive strength samples. Standard test methods include ASTM: C31, C39, C138, C143, C172, C173 or C231, C1064 and C1231.

Terracon Rep.: Drew Helmke

Reported To: Geno Ruiz (Wright Building Systems)

Contractor: Steller Concrete

Report Distribution:

(1) Waterway Gas & Wash,
signaigo1964@gmail.com

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

Reviewed By:

rvw2: daw


 Jamal Hashmi
 Project Manager

Test Methods: ASTM C 31, ASTM C39, ASTM C138, ASTM C143, ASTM C172, ASTM C231, ASTM C1064, ASTM C1231

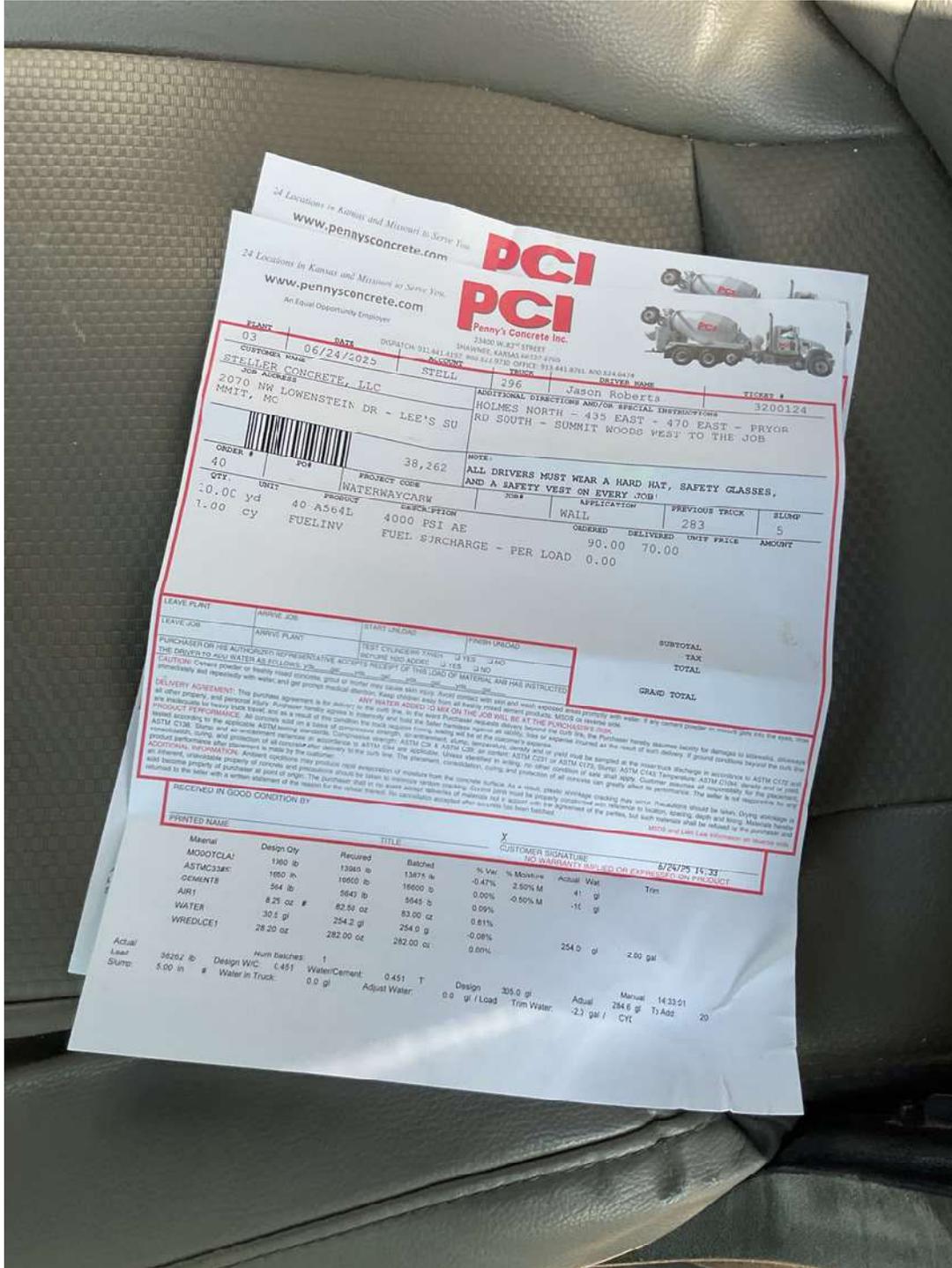
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Photo Log

Report Number: 02251170.0056
Service Date: 06/24/25
Report Date: 08/21/25 Revision 2 - 56-day results
Task: 03 - Concrete Special Inspection & Testing



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 Lenexa, KS 66219-5102
 913-492-7777



(P1) Batch ticket for test 2

Photo Log

Report Number: 02251170.0056
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Report Date: 08/21/25 Revision 2 - 56-day results
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PCI
 Penny's Concrete Inc.
 23400 W. 82ND STREET
 SHAWNEE, KANSAS 66227-2705
 DISPATCH: 913.441.4197, 800.322.9710 OFFICE: 913.441.8781, 800.524.6474

PLANT: 03 DATE: 06/24/2025 ACCOUNT: STELL TRUCK: 267 DRIVER: CY KUEFFER TICKET #: 3200109

CUSTOMER NAME: STELLER CONCRETE, LLC
 JOB ADDRESS: 2070 NW LOWENSTEIN DR - LEE'S SU MMIT, MO

ADDITIONAL DIRECTIONS AND/OR SPECIAL INSTRUCTIONS:
 HOLMES NORTH - 435 EAST - 470 EAST - PRYOR RD SOUTH - SUMMIT WOODS WEST TO THE JOB

NOTE:
 ALL DRIVERS MUST WEAR A HARD HAT, SAFETY GLASSES, AND A SAFETY VEST ON EVERY JOB!

ORDER #	UNIT	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
40	yd	40-A564L	4000 PSI AE	90.00	10.00		
1.00	cy	FUELINV	FUEL SURCHARGE - PER LOAD	0.00			

PROJECT CODE: WATERWAYCARW
 PROJECT: 38,152
 APPLICATION: WALL
 PREVIOUS TRUCK: 5
 SLUMP: 5

LEAVE PLANT: [] ARRIVE JOB: [] START UNLOAD: [] FINISH UNLOAD: []
 LEAVE JOB: [] ARRIVE PLANT: [] TEST CYLINDERS TAKEN: [] YES [] NO
 BEFORE HOO ADDED: [] YES [] NO

PURCHASER OR HIS AUTHORIZED REPRESENTATIVE ACCEPTS RECEIPT OF THIS LOAD OF MATERIAL AND HAS INSTRUCTED THE DRIVER TO ADD WATER AS FOLLOWS: ybs: [] gal: [] ybs: [] gal: [] ybs: [] gal: []

CAUTION: Cement powder or freshly mixed concrete, grout or mortar may cause skin injury. Avoid contact with skin and wash exposed areas promptly with water. If any cement powder or mixture gets into the eyes, rinse immediately and repeatedly with water, and get prompt medical attention. Keep children away from all freshly mixed cement products. MSDS on reverse side.

DELIVERY AGREEMENT: This purchase agreement is for delivery to the curb line. In the event Purchaser requests delivery beyond the curb line, the Purchaser hereby assumes liability for damages to sidewalks, driveways, etc. and is responsible for any and all other property and personal injury. Purchaser hereby agrees to indemnify and hold the Seller harmless against all liability, loss or expense incurred as the result of such delivery. If ground conditions beyond the curb line are inadequate for heavy truck travel, and as a result of this condition the truck requires low-loading, towing will be at the customer's expense.

PRODUCT PERFORMANCE: All concrete sold on a basis of compressive strength, air-entrainment, slump, temperature, density and/or yield must be sampled at the mixer truck discharge in accordance to ASTM C172 and tested according to the applicable ASTM testing standards. Compressive strength: ASTM C31 & ASTM C39; air content: ASTM C231 or ASTM C173; Slump: ASTM C143; Temperature: ASTM C1064; Density and/or yield: ASTM C138. Slump and air-entrainment variances in accordance to ASTM C94 are applicable. Unless identified in writing, no other condition of sale shall apply. Customer assumes all responsibility for the placement, consolidation, curing, and protection of all concrete after delivery to the curb line. The placement, consolidation, curing, and protection of all concrete can greatly affect its performance. The seller is not responsible for any product performance after placement is made by the customer.

ADDITIONAL INFORMATION: Ambient conditions may produce rapid evaporation of moisture from the concrete surface. As a result, plastic shrinkage cracking may occur. Precautions should be taken. Drying shrinkage is an inherent, unavoidable property of concrete and precautions should be taken to minimize random cracking. Control joints must be properly constructed with reference to location, spacing, depth and timing. Materials hereby sold become property of purchaser at point of origin. The purchaser shall in no event accept delivery of materials not in accord with the agreement of the parties, but such materials shall be refused by the purchaser and returned to the seller with a written statement of the reason for the refusal thereof. No cancellation accepted after concrete has been batched.

MSDS and Lien Law information on reverse side.

RECEIVED IN GOOD CONDITION BY:

PRINTED NAME: [] TITLE: [] X CUSTOMER SIGNATURE: [] 6/24/25 12:19
 NO WARRANTY IMPLIED OR EXPRESSED ON PRODUCT

Material	Design Qty	Required	Batched	% Var	% Moisture	Actual	Wet	Trim
MODOTCL4	1360 lb	14144 lb	14075 lb	-0.49%	4.00% M	65	gl	
ASTMC33#5	1660 lb	16683 lb	16650 lb	-0.20%	0.50% M	10	gl	
CEMENT#8	564 lb	5640 lb	5660 lb	0.35%				
AIR#1	8.25 oz #	82.50 oz	83.00 oz	0.61%				
WATER	30.5 gl	209.9 gl	209.0 gl	-0.41%		209.0	gl	
WREDUCE#1	28.20 oz	282.00 oz	282.00 oz	0.00%				-2.00 gal

Actual Load: 38152 lb
 Slump: 5.00 in

Num Batches: 1
 Design W/C: 0.451
 Water/Cement: 0.450 T
 Adjust Water: 0.0 gl

Design: 305.0 gl
 0.0 gl / Load
 Trim Water: Actual: 283.8 gl / To Add: 21
 Manual: 12:19:59
 CYT

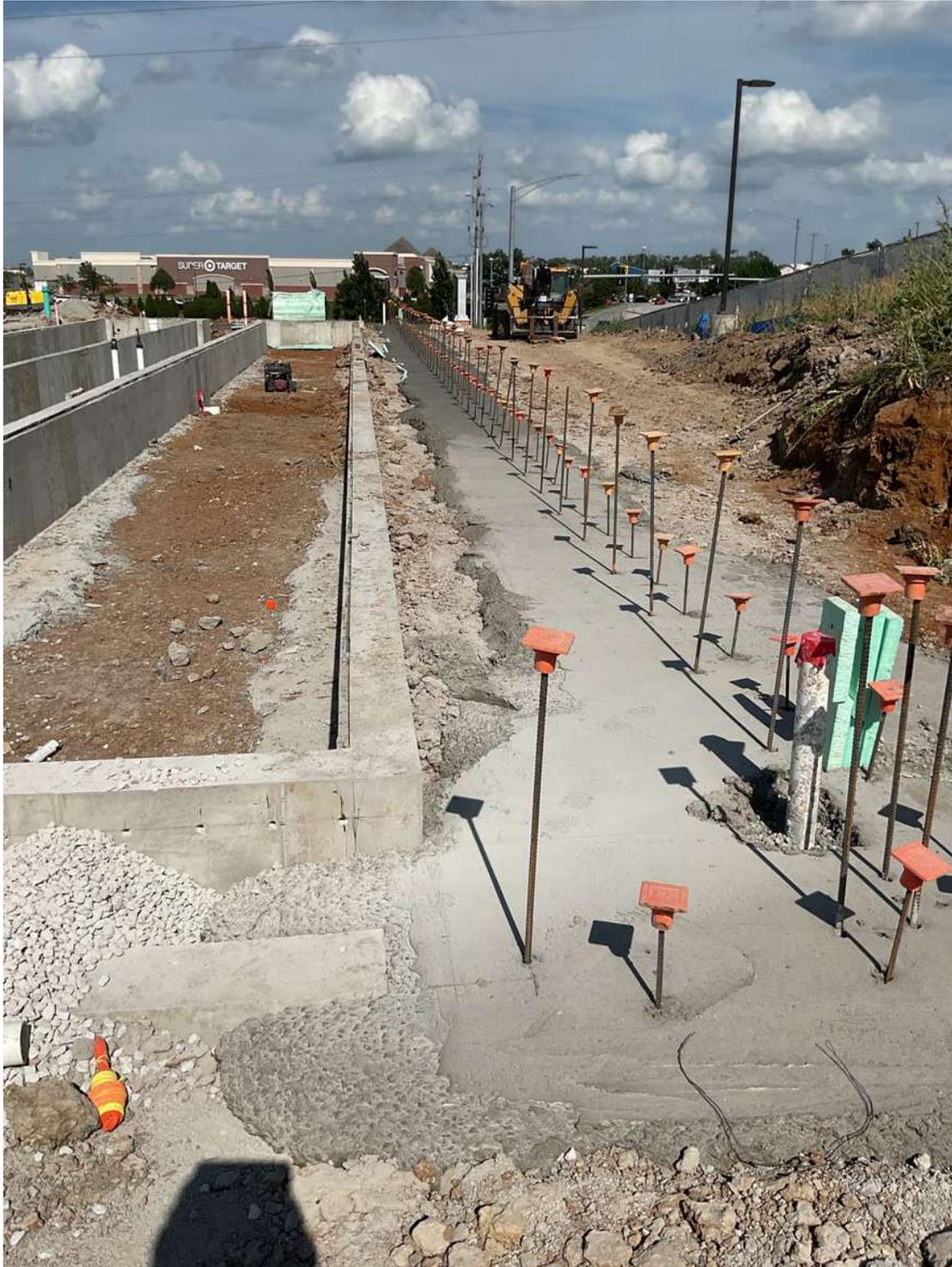
(P2) batch ticket for test 1

Photo Log

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15620 W 113th St
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(P3) Sample 1 at bottom. SW Corner