

time.

Professional Service Industries, Inc. 2828 South 44th Street Kansas City, KS 66106

Phone: (913) 310-1600 Fax: (913) 310-1601

Proofroll Report

Client: MEGA STORAGE

577 VILLA CT

Project: MEGA STORAGE LEE'S SUMMIT

WEST DES MOINES, IA 50266

CC:

RUSS TAYLOR, TROY

PORTER

These test results apply only to the specific locations and materials

noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc. If a noncompliance appears on this report, to the extent that the reported

non-compliance impacts the project, the resolution is outside the

Report No: PRR:03533809-37

Issue No: 1

William Odell (Senior Project Manager)

PSI scope of engagement.

LEE'S SUMMIT, MO	Approved Signatory: William Odell (Senior Project Manager) Date of Issue: 7/17/2023
General Details Date: 7/12/2023 Tecl Weather: Clear	hnician: Eric Behrens
Item	
☐ Final subgrade for building pad	Final subgrade for driveway/parking area
Aggregate base for building pad	Aggregate base for driveway/parking area
✓ Stripped subgrade prior to the placement of fill	Aggregate base for roadway/airfield
Reported elevation of subgrade at time of proofroll (ft):	82
Area of proofroll (grid points or attach sketch):	Building pads R & S
Equipment used to proofroll the prepared area (make & model):	Freight-liner tandem axel dump truck
Approximate weight of vehicle including load (lbs):	80,000 plus
Visual description of subgrade soil or aggregate base:	Clay (brown) trace amounts of sand & rock
Fill required to achieve final subgrade elevation:	No
Amount of fill required to achieve final subgrade elevation (ft):	0

Inspector:	Eric Behrens
Sketch Attached:	YES

Based on our observations, the area identified in this report IS considered suitable for intended purposes at this

The suitability of the subgrade refers to conditions at the time it was observed and proofrolled. The suitability of the subgrade can be adversely affected by rain, freezing

temperatures or construction traffic. If unstable areas are found subsequent to prooffolling, they should be corrected prior to further construction.

Comments		



Professional Service Industries, Inc. 2828 South 44th Street

Phone: (913) 310-1600 Fax: (913) 310-1601

Proofroll Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

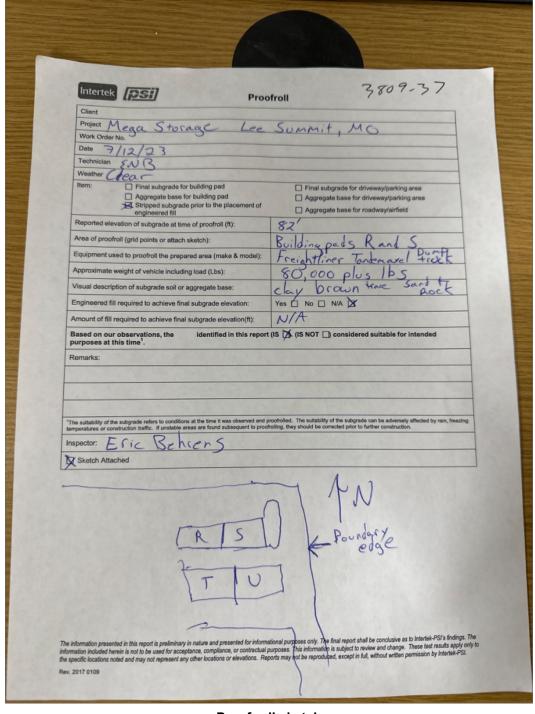
CC: RUSS TAYLOR TROY PORTER

Kansas City, KS 66106

Report No: PRR:03533809-37 Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 7/17/2023



Proof roll sketch



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Field Density Test Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FDR:03533809-39

Issue No: 1

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Man & Odell

Approved Signatory: William Odell (Senior Project Manager)

ate of Issue: 7/20/2023

Testing Details

Tested By: Eric Behrens

Field Methods: ASTM D 6938

Contractor: Kissick Const

Test Mode: Direct Transmission

Serial Number: 31164

Weather: Clear

Date Tested: 7/14/2023

Gauge Make/Model: Troxler
Standard Count: Density: 569
Standard Count: Moisture: 1733

Proctor Information Sample ID	Material	Method	MDD (lb/ft³)	OWC (%)
03533809-15-S1	Limestone Screenings	ASTM D 698 (B)	133.0	9.0

Test Re	Test Results									
Test No.	Method	Proctor Sample ID		Wet Density (lb/ft³)	Water Content (%)	OWC Var (%)	Dry Density (lb/ft³)	Comp (%)	Comp Spec (%)	Results
1	D 6938	03533809-15-S1	12	135.3	4.5	-4.5	129.5	97.4	≥95	Α
2	D 6938	03533809-15-S1	12	138.5	3.1	-5.9	134.3	101.0	≥95	Α
3	D 6938	03533809-15-S1	12	140.7	5.5	-3.5	133.4	100.3	≥95	Α
4	D 6938	03533809-15-S1	12	138.5	5.2	-3.8	131.7	99.0	≥95	Α
5	D 6938	03533809-15-S1	12	136.0	4.0	-5.0	130.8	98.3	≥95	Α
6	D 6938	03533809-15-S1	12	138.6	4.7	-4.3	132.4	99.5	>95	Α

Loc	Location									
Gene	General Location: Building pads for building T, U, S, R									
Test	Location	Lift	Test Elev/Depth	Material/Layer						
No.										
1	Bldg pad T from SW Corner of bldg 10'N 14'E	1	12	LVC Zone						
2	Bldg pad T from SW Corner of bldg 20'N 56'E	1	12	LVC Zone						
3	Bldg pad T from SW Corner of bldg 30'N 98'E	1	12	LVC Zone						
4	Bldg pad U from SW Corner of bldg 10'N 14'E	1	12	LVC Zone						
5	Bldg pad U from SW Corner of bldg 20'N 56'E	1	12	LVC Zone						
6	Bldg pad U from SW Corner of bldg 30'N 98'E	1	12	LVC Zone						

Comments	Legend
	OWC = Optimum Water Content MDD = Maximum Dry Density
	A = TEST RESULTS COMPLY WITH SPECIFICATION



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Field Density Test Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FDR:03533809-39

Issue No: 1

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Silla & Odell

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 7/20/2023

Test	Results									
Test No.	Method	Proctor Sample ID		Wet Density (lb/ft³)	Water Content (%)	OWC Var (%)	Dry Density (lb/ft³)	Comp (%)	Comp Spec (%)	Results
7	D 6938	03533809-15-S1	12	135.9	4.5	-4.5	130.0	97.7	≥95	Α
8	D 6938	03533809-15-S1	12	135.5	4.7	-4.3	129.4	97.3	≥95	Α
9	D 6938	03533809-15-S1	12	138.4	4.8	-4.2	132.1	99.3	≥95	Α
10	D 6938	03533809-15-S1	12	141.6	5.8	-3.2	133.8	100.6	≥95	Α
11	D 6938	03533809-15-S1	12	139.5	4.7	-4.3	133.2	100.2	≥95	Α
12	D 6938	03533809-15-S1	12	137.8	5.8	-3.2	130.2	97.9	≥95	Α

	Location									
	General Location: Building pads for building T, U, S, R									
Test No.	Location	Lift	Test Elev/Depth	Material/Layer						
7	Bldg pad S from SW Corner of bldg 10'N 14'E	1	12	LVC Zone						
8	Bldg pad S from SW Corner of bldg 30'N 42'E	1	12	LVC Zone						
9	Bldg pad S from SW Corner of bldg 50'N 70'E	1	12	LVC Zone						
10	Bldg pad R from SW Corner of bldg 10'N 14'E	1	12	LVC Zone						
11	Bldg pad R from SW Corner of bldg 30'N 42'E	1	12	LVC Zone						
12	Bldg pad R from SW Corner of bldg 50'N 70'E	1	12	LVC Zone						

Comments	Legend
	OWC = Optimum Water Content MDD = Maximum Dry Density
	A = TEST RESULTS COMPLY WITH SPECIFICATION



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Field Density Test Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FDR:03533809-40

Issue No: 1

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Illian & Odell

Approved Signatory: William Odell (Senior Project Manager)

ate of Issue: 8/4/2023

Testing Details

Tested By: LeeAnthony Crane

Field Methods: ASTM D 6938

Gauge Make/Model: Troxler

Standard Count: Density: 1996

Standard Count: Moisture: 587

Date Tested: 7/21/2023

Test Mode: Direct Transmission

Serial Number: 30102

	Proctor Information				
Sample ID		Material	Method	MDD (lb/ft³)	OWC (%)
	03533809-15-S1	Limestone Screenings	ASTM D 698 (B)	133.0	9.0

Test	t Results									
Test No.	Method	Proctor Sample ID		Wet Density (lb/ft³)	Water Content (%)	OWC Var (%)	Dry Density (lb/ft³)	Comp (%)	Comp Spec (%)	Results
1	D 6938	03533809-15-S1		138.8	7.5	-1.5	129.1	97.1	≥95	Α
2	D 6938	03533809-15-S1	8	135.2	5.5	-3.5	128.2	96.4	≥95	Α
3	D 6938	03533809-15-S1	8	137.4	4.5	-4.5	131.5	98.9	≥95	Α
4	D 6938	03533809-15-S1		137.4	5.8	-3.2	129.9	97.7	≥95	Α
5	D 6938	03533809-15-S1	8	140.1	5.2	-3.8	133.2	100.2	≥95	Α
6	D 6938	03533809-15-S1	8	138.5	5.1	-3.9	131.8	99.1	≥95	Α

	ation			
Gene	eral Location: Building K			
Test		Location	Test Elev/Depth	Material/Layer
No.				
1	NE quarter		Subgrade	LVC Zone
2	NW quarter		Subgrade	LVC Zone
3	SE quarter		Subgrade	LVC Zone
4	SW quarter		Subgrade	LVC Zone
Gene	eral Location: Building L		·	
Test		Location	Test Elev/Depth	Material/Layer
No.				
5	SW quarter		Subgrade	LVC Zone
6	SW quarter		Subgrade	LVC Zone

Comments	Legend
	OWC = Optimum Water Content MDD = Maximum Dry Density
	A = TEST RESULTS COMPLY WITH SPECIFICATION



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Field Density Test Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FDR:03533809-40

Issue No: 1

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Silla & Odell

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 8/4/2023

Test	t Results									
Test No.	Method	Proctor Sample ID			Water Content (%)	OWC Var (%)	Dry Density (lb/ft³)	Comp (%)	Comp Spec (%)	Results
7	D 6938	03533809-15-S1	8	136.5	4.8	-4.2	130.2	97.9	≥95	Α
8	D 6938	03533809-15-S1		135.5	5.2	-3.8	128.8	96.8	≥95	Α

Location General Location: Building L							
Test No.	Location	Test Elev/Depth	Material/Layer				
7	NE quarter	Subgrade	LVC Zone				
8	NW quarter	Subgrade	LVC Zone				

Comments	Legend
	OWC = Optimum Water Content MDD = Maximum Dry Density
	A = TEST RESULTS COMPLY WITH SPECIFICATION



Phone: (913) 310-1600 Fax: (913) 310-1601

Proofroll Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

CC:

RUSS TAYLOR, TROY

PORTER

William & Odell

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Report No: PRR:03533809-40

Issue No: 1

oproved Signatory: William Odell (Senior Project Manager)

PSI scope of engagement.

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT. MO

LLL O GOMMIT, MO	Date of Issue: 7/24/2023			
General Details				
Date: 7/21/2023	Technician: LeeAnthony Crane			
Weather:				
Item				
✓ Final subgrade for building pad	Final subgrade for driveway/parking area			
Aggregate base for building pad	Aggregate base for driveway/parking area			
Stripped subgrade prior to the placement of fill	Aggregate base for roadway/airfield			
Reported elevation of subgrade at time of proofroll (ft):				
Area of proofroll (grid points or attach sketch):	Pad for building P and Q			
Equipment used to proofroll the prepared area (make &	Tandem axle dump truck			

Approximate weight of vehicle including load (lbs): 60000

Visual description of subgrade soil or aggregate base: Dark brown CH clay

Fill required to achieve final subgrade elevation: Yes

Amount of fill required to achieve final subgrade

elevation (ft):

Based on our observations, the Area identified in this report IS considered suitable for intended purposes at this time.

The suitability of the subgrade refers to conditions at the time it was observed and proofrolled. The suitability of the subgrade can be adversely affected by rain, freezing temperatures or construction traffic. If unstable areas are found subsequent to proofrolling, they should be corrected prior to further construction.

Inspector: LeeAnthony Crane

Sketch Attached: YES

model):

Comments		



Phone: (913) 310-1600 Fax: (913) 310-1601

Proofroll Report

Client: MEGA STORAGE

577 VILLA CT

Project: MEGA STORAGE LEE'S SUMMIT

WEST DES MOINES, IA 50266

CC:

RUSS TAYLOR, TROY

PORTER

Approved Signatory: V

PSI scope of engagement.

Report No: PRR:03533809-41

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non-compliance impacts the project, the resolution is outside the

LEE'S SUMMIT, MO	Approved Signatory: William Odell (Senior Project Manager) Date of Issue: 8/9/2023
General Details Date: 8/8/2023 Weather:	Technician: LeeAnthony Crane
Item	
✓ Final subgrade for building pad	Final subgrade for driveway/parking area
Aggregate base for building pad	Aggregate base for driveway/parking area
Stripped subgrade prior to the placement of fill	Aggregate base for roadway/airfield
Reported elevation of subgrade at time of proofroll (ft):	
Area of proofroll (grid points or attach sketch):	Bldg L
Equipment used to proofroll the prepared area (make & model):	Tandem axle dump truck
Approximate weight of vehicle including load (lbs):	60000
Visual description of subgrade soil or aggregate base:	Dark brown CH clay
Fill required to achieve final subgrade elevation:	Yes
Amount of fill required to achieve final subgrade	

Based on our observations, the Area identified in this report IS considered suitable for intended purposes at this time.

20"+

The suitability of the subgrade refers to conditions at the time it was observed and proofrolled. The suitability of the subgrade can be adversely affected by rain, freezing temperatures or construction traffic. If unstable areas are found subsequent to proofrolling, they should be corrected prior to further construction.

Inspector:

elevation (ft):

Sketch Attached:

Comments		



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Field Density Test Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FDR:03533809-42

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 8/18/2023

Testing Details

Tested By: Kenneth Mathis

Field Methods: ASTM D 6938

Gauge Make/Model: Troxler

Standard Count: Density: 2433 Standard Count: Moisture: 666

Date Tested: 8/17/2023

Test Mode: Direct Transmission

Serial Number: 70168

Weather: Sunny, Warm, Windy

Proctor Information				
Sample ID	Material	Method		OWC (%)
			(lb/ft³)	
03533809-15-S1	Limestone Screenings	ASTM D 698 (B)	133.0	9.0

Tes	t Results									
Test No.	Method	Proctor Sample ID		Wet Density (lb/ft³)	Water Content (%)	OWC Var (%)	Dry Density (lb/ft³)	Comp (%)	Comp Spec (%)	Results
1	D 6938	03533809-15-S1	6	140.2	4.6	-4.4	134.0	100.8	≥95	Α
2	D 6938	03533809-15-S1	6	143.0	4.5	-4.5	136.8	102.9	≥95	Α
3	D 6938	03533809-15-S1	6	145.6	4.9	-4.1	138.8	104.4	≥95	Α
4	D 6938	03533809-15-S1	6	144.6	5.0	-4.0	137.7	103.5	≥95	Α
5	D 6938	03533809-15-S1	6	146.4	5.2	-3.8	139.2	104.7	≥95	Α
6	D 6938	03533809-15-S1		145.3	5.7	-3.3	137.5	103.4	≥95	Α

Loc	Location						
Gene	ral Location: BLD F pad						
Test		Location	Material/Layer				
No.							
1	SE corner		Base				
2	Middle of pad		Base				
3	NW corner		Base				
Gene	ral Location: BLD G pad						
Test		Location	Material/Layer				
No.							
4	SE corner		Base				
5	Middle of pad		Base				
6	NW corner		Base				

Comments	Legend
	OWC = Optimum Water Content MDD = Maximum Dry Density A = TEST RESULTS COMPLY WITH SPECIFICATION



Professional Service Industries, Inc.

2828 South 44th Street Kansas City, KS 66106

Phone: (913) 310-1600 Fax: (913) 310-1601

Daily Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

CC:

RUSS TAYLOR, TROY

PORTER

Approved Signatory: Date of Issue:

scope of engagement.

William Odell (Senior Project Manager)

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Report No: DFR:03533809-42

Issue No: 1

8/18/2023

LEE'S SUMMIT, MO

Project: MEGA STORAGE LEE'S SUMMIT

8/17/2023 Date:

Technician: Kenneth Mathis

While on site, the PSI representative while testing compaction on the aggregate layer in building pads F and G. During testing, it was observed that an area along the east edge of bldg F the ground was "spongy" under foot. This soft area measured approximately 6'x18' and is located about 25' south of the NE corner of Building F. There was no one on site to report this observation.



Professional Service Industries, Inc.

2828 South 44th Street Kansas City, KS 66106

Phone: (913) 310-1600 Fax: (913) 310-1601

Foundation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FRL:03533809-43

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Sillian & Odell

Approved Signatory:

William Odell (Senior Project Manager)

Date of Issue: 9/1/2023

General Details

Date: 8/31/2023 Technician: Alan Rau Weather: Sunny hot

Found	dation										
F	Foundation I.D. Footing Dimension (1)		mension ⁽¹⁾	Depth of Excavation	Bearing Soil Type (Visual Classification –	Design Bearing	Required Shear Strength From	Spring Loaded Penetrometer	Correlated Shear	Depth Below	Status
Туре	Grid Location	Design	Actual	from Ground Surface (in) ⁽²⁾	USCS)	Pressure (PSF)	Design (TSF)	Reading* (TSF)	Strength (TSF)	Footing (in)	
В	Bldg.G: 15.5 ft. East of SW corner		12" wide. x 32 in deep	.32	Lean to fat clay red brown	1500	N/A	4.00		6	1
В	Bldg.G: 37 ft. from North of SW corner		13" wide. x 30 in deep	.3()	Lean to fat clay brown	1500	N/A	3.00		6	1
В	Bldg.G: 26 ft. North of SE corner		12" wide. x 30 in deep	.3()	Lean to fat clay brown	1500	N/A	3.00		6	1

CC: RUSS TAYLOR, TROY PORTER

Remarks Undercuts / Repairs (due to soft soil conditions)

Contractor stated he will add 4 in.base rock to gain needed 33 in.

Legend:

A = Column Footing C = Wall Footing with Column Pads

B = Wall Footing D = Mat

¹ Record width for wall footings and length by width for column footings.

² Depth of excavation as measured from present ground surface.

Status:

- 1= Tests indicate Adequate Soil Strength
- 2= Tests indicate Insufficient Soil Strength
- 3= Footing Accepted after Subgrade Amendment

* Indicates Field Calibrated Penetrometer, which consists of a hand-held calibrated spring-loaded cylinder. Calibrated penetrometer provides estimated unconfined compressive strength in tons per square foot (TSF).

[•] Any soil(s) which become loose or soften(s) as a result of additional construction or exposure to the elements (rain, freezing temperatures, etc.) must be removed from the excavation prior to placement of concrete.

[•] Soil penetrometer readings are given on an indexed value of the unconfined compressive strength of the soil. Based on the soil being consistent within the foundation's zone of influence below the prepared surface, the bearing capacity is a function of the unconfined compressive strength.

[•] Due to the nature of this instrument, the report should only be used to confirm or deny anticipated soil conditions. It should not be construed as a soil survey of this site. The above data are only valid for the locations and elevations shown, and do not indicate bearing capacity or strength below the lowest elevation tested.



Professional Service Industries, Inc. 2828 South 44th Street

Phone: (913) 310-1600 Fax: (913) 310-1601

Kansas City, KS 66106

Reinforcing Steel Observation Report

MEGA STORAGE Client:

577 VILLA CT RUSS TAYLOR, TROY

WEST DES MOINES, IA 50266 **PORTER**

Project: MEGA STORAGE LEE'S SUMMIT

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Report No: RSI:03533809-43

Issue No: 1

PSI scope of engagement.

William Odell (Senior Project Manager)

LEE'S SUMMIT, MO Date of Issue: 9/1/2023 **General Details** 8/31/2023 Technician: Alan Rau Date: Weather: Sunny hot

General L	ocation: Mega storage Lee's Summit	t phase 2							
Location									
✓ Footing	Slab-On-Grade	☐ Elevated Slab	Piers	Columns					
Beam	Pilaster	☐ Wall Panel	Foundation Wall						
Other:	Mega storage Lee's Summit. Phase 2								
General D	Details (cont.)								
Building/	Unit No.								
Elevation	Elevation (ft):								
Specific I	_ocation (grid lines): Perimeter footing	s for Bldg.G							

 ✓ Approved Shop Drawings Plans Used: Contract Drawings Current Date and Revision/Submittal No. on Drawings: Dated 9-9-22

Drawing (page) and Detail Nos.: D-1

Reinforcing Steel Size & number of bars as specified Bars properly tied and positioned Yes Yes Lap lengths as specified Yes Bars properly supported on chairs,... N/A Spacing of bars as specified Bars clean (no foreign matter) Yes Yes Dowels in place and tied Clearance around rebar as specified Yes Yes

Epoxy coating specified N/A Rebar epoxy coated N/A **Non-Conformance Items**

Description Who Notified How / Date Corrected

Comments

Reference: D1 dated 9-9-22



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-44

Issue No: 1

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Silla & Odell

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/7/2023

General Field Data

Technician: Kenneth Mathis
Test Date: 9/6/2023
Weather: warm, clear

est		

Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)	
03533809-44-C1	5	25019595	13:58		20.0	4.00	2.6	82	84	

Location & Remarks

General Location: Bldg L and Q footings

Set No. Location Remarks

03533809-44-C1 Bldg L, NW corner

Mix Data

WIIX Dat	,d		
Set N	lo. Supplier	Mix	Design Strength (psi)
03533809	-44-C1 Quicksilver	GI40B1W4	4000

Notes

 Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138;
 Specimen(s) prepared to ASTM C 31

Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

Remarks



CC: RUSS TAYLOR

TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Test Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: CTR:03533809-44-C1

Issue No: 2

This report replaces all previous issues of this report signed on 09/13/2023

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Approved Signatory: William Odell (Senior Project Manager) 10/4/2023

Mix Data

Supplier: Quicksilver Plant: Talon Mix Identification: GI40B1W4 Specified Design Strength (psi): 4000 at age 28 days

Sample Details

Date Sampled: 09/06/23 Date Received: 09/07/23 Specification: Mix Design

General Location: Bldg L and Q footings Measured Specified Sample Location: Bldg L, NW corner Slump (in): ASTM C 143

Curing Method: One day Field/Laboratory Cure Slump w/ plasticizer (in): N/A Air Temp (°F): Field Sample No.: Initial Cure Temp (°F) High: 82

Concrete Temp (°F): **ASTM C 1064** 84 Freedom Concrete Contractor: Air Content (%) ASTM C 231 26

25019595 4781574 Unit Weight (pcf): Ticket no.: Truck No.: ASTM C 138 N/A Kenneth Mathis Volume of Density Measure (ft3): Sampled By: N/A

Weather: warm, clear Batch Size (yd3): 10.0 Time Batched: 13:58 Yd3 Placed: 20.0 Time Sampled: 14:55 Water Added (gal) Before: 20 Time Placed:

> After: Time in Truck (mins):

Compressive Strength of Concrete Cylinders ASTM C 39 Specimen ID Date Tested Diameter Length Tested By Age Area Type of Maximum Fracture Compressive (Days) Strength (psi) (in) (in) (in²) Cap Load (lbf) Type / Remarks 03533809-44-C1\1 3.99 8.06 12.50 09/13/23 46600 2 SC 3730 Eric Behrens 03533809-44-C1\2 10/04/23 28 4.00 8.05 12.57 U 69670 3 SC 5540 Eric Behrens 03533809-44-C1\3 10/04/23 28 4.01 8.03 12.63 U 65180 2 SC 5160 Eric Behrens 2 SC 03533809-44-C1\4 10/04/23 28 4.01 8.04 12.63 U 69730 5520 Eric Behrens SC 03533809-44-C1\5 Hold U

> Average 28 Day Compressive Strength (psi) 5410 Required Strength (psi) 3500

Notes

1. Sampling to ASTM C 172

2. Specimen(s) prepared to ASTM C 31
3. Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined, G = Ground Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

Remarks

Fracture Type / Remarks: 2 = Vert crack/ cone opposite end; C1314: Cone & Shear, 3 = Vert cracking/no cones; C1314: Cone & Split, SC = Condition Satisfactory upon retrieval.



Phone: (913) 310-1600 Fax: (913) 310-1601

Reinforcing Steel Observation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

RUSS TAYLOR, TROY

PORTER

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

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Report No: RSI:03533809-45

Issue No: 1

PSI scope of engagement.

William & Odell

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/7/2023

General Details 9/6/2023 Technician: **Timothy Makarewicz** Date: Weather: **General Location:** Location √ Footing Slab-On-Grade **Elevated Slab** Piers Columns Beam Pilaster Wall Panel Foundation Wall Other:

General Details (cont.)

Building/Unit No.

Elevation (ft):

Specific Location (grid lines): Footings for Bldgs L & Q

Current Date and Revision/Submittal No. on Drawings: 9/9/22

Drawing (page) and Detail Nos.: D1 section A

Reinforcing Steel Bars properly tied and positioned Size & number of bars as specified Yes Yes Lap lengths as specified Yes Bars properly supported on chairs,... Yes Spacing of bars as specified Bars clean (no foreign matter) Yes Yes Dowels in place and tied Clearance around rebar as specified Yes Yes **Epoxy coating specified** N/A Rebar epoxy coated N/A

Non-Conformance Items

Description Who Notified How / Date Corrected

Comments



Professional Service Industries, Inc.

2828 South 44th Street Kansas City, KS 66106

Phone: (913) 310-1600 Fax: (913) 310-1601

Foundation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FRL:03533809-45

Issue No: 1

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Approved Signatory:

William Odell (Senior Project Manager)

Date of Issue: 9/7/2023

General Details

Date: 9/6/2023 Technician: Timothy Makarewicz Weather: Clear, mild

Found	Foundation										
Fo	oundation I.D.	Footing Di	mension ⁽¹⁾	LACAVALIOII	Excavation Bear			Spring Loaded Penetrometer Reading* (TSF)	Correlated Shear	Depth Below	Status
Туре	Grid Location	Design	Actual	from Ground Surface (in) ⁽²⁾	USCS)	Pressure (PSF)	Design (TSF)		Strength (TSF)	Footing (in)	Otalao
В	Bldg L	3x1	3x1	36	Brn clay	1500	N/A	2.00		6	1
В	Bldg Q	3x1	3x1	36	Brn clay	1500	N/A	2.50		8	1
											-

CC: RUSS TAYLOR, TROY PORTER

Remarks Undercuts / Repairs (due to soft soil conditions)

Legend:

A = Column Footing

C = Wall Footing with Column Pads

B = Wall Footing

D = Mat

¹ Record width for wall footings and length by width for column footings.

² Depth of excavation as measured from present ground surface.

Status:

1= Tests indicate Adequate Soil Strength

2= Tests indicate Insufficient Soil Strength

3= Footing Accepted after Subgrade Amendment

* Indicates Field Calibrated Penetrometer, which consists of a hand-held calibrated spring-loaded cylinder.

Calibrated penetrometer provides estimated unconfined compressive strength in tons per square foot (TSF).

• Any soil(s) which become loose or soften(s) as a result of additional construction or exposure to the elements (rain, freezing temperatures, etc.) must be removed from the excavation prior to placement of concrete.

• Soil penetrometer readings are given on an indexed value of the unconfined compressive strength of the soil. Based on the soil being consistent within the foundation's zone of influence below the prepared surface, the bearing capacity is a function of the unconfined compressive strength.

• Due to the nature of this instrument, the report should only be used to confirm or deny anticipated soil conditions. It should not be construed as a soil survey of this site. The above data are only valid for the locations and elevations shown, and do not indicate bearing capacity or strength below the lowest elevation tested.



Professional Service Industries, Inc.

2828 South 44th Street Kansas City, KS 66106

Phone: (913) 310-1600 Fax: (913) 310-1601

Foundation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FRL:03533809-46

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Vellan & Odell

Approved Signatory:

PSI scope of engagement.

William Odell (Senior Project Manager)

Date of Issue: 9/11/2023

General Details

Date: 9/7/2023 Technician: Alan Rau Weather: Mild

Found	Foundation										
F	Foundation I.D. Footing Dimensi		mension ⁽¹⁾	Depth of Excavation	Bearing Soil Type (Visual Classification –	Bearing	Required Shear Strength From	Spring Loaded Penetrometer	Correlated Shear	Depth Below	Status
Туре	Grid Location	Design	Actual	from Ground Surface (in) ⁽²⁾	USCS)	Pressure (PSF)	Design (TSF)	Reading* (TSF)	Strength (TSF)	Footing (in)	Otatao
В	Bldg F: 13 ft. North of SE corner	12"	12"	27	Lean to Fat clay, Brown	1500	N/A	3.50		6	1
В	Bldg K: 6 ft. North of SE corner	12"	15"	27	Lean to Fat clay, Brown	1500	N/A	3.25		6	1
В	Bldg P: 4 ft. West of NE corner	12"	15"	32	Lean to Fat clay, Brown and light Brown	1500	N/A	2.75		6	1

CC: RUSS TAYLOR, TROY PORTER

Remarks Undercuts / Repairs (due to soft soil conditions)

Legend:

A = Column Footing

C = Wall Footing with Column Pads

B = Wall Footing

D = Mat

Status:

- 1= Tests indicate Adequate Soil Strength
- 2= Tests indicate Insufficient Soil Strength
- 3= Footing Accepted after Subgrade Amendment

* Indicates Field Calibrated Penetrometer, which consists of a hand-held calibrated spring-loaded cylinder.

Calibrated penetrometer provides estimated unconfined compressive strength in tons per square foot (TSF).

¹ Record width for wall footings and length by width for column footings.

² Depth of excavation as measured from present ground surface.

[•] Any soil(s) which become loose or soften(s) as a result of additional construction or exposure to the elements (rain, freezing temperatures, etc.) must be removed from the excavation prior to placement of concrete.

[•] Soil penetrometer readings are given on an indexed value of the unconfined compressive strength of the soil. Based on the soil being consistent within the foundation's zone of influence below the prepared surface, the bearing capacity is a function of the unconfined compressive strength.

[•] Due to the nature of this instrument, the report should only be used to confirm or deny anticipated soil conditions. It should not be construed as a soil survey of this site. The above data are only valid for the locations and elevations shown, and do not indicate bearing capacity or strength below the lowest elevation tested.



Professional Service Industries, Inc. 2828 South 44th Street

Phone: (913) 310-1600 Fax: (913) 310-1601

Kansas City, KS 66106

Reinforcing Steel Observation Report

Client: MEGA STORAGE

577 VILLA CT RUSS TAYLOR, TROY

WEST DES MOINES, IA 50266 PORTER

Project: MEGA STORAGE LEE'S SUMMIT

Report No: RSI:03533809-46 Issue No: 1

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William & Odell

Project.	LEE'S SUMMIT, MO	L O GOWINIT		Approved Signatory: Date of Issue:	William Odell (Senior Pro	oject Manager)
General Date: Weather: General L	9/7/2023 Mild	orage Lee's Summit	Techr	nician: Alan F	Rau	
Location Footing Beam Other:	☐ Pila Mega storage	b-On-Grade [ster [Elevated Slab Wall Panel	☐ Piers ☐ Found	lation Wall	Columns
Building/ Elevation Specific L Plans Use	(ft): Location (grid lines ed:	Cand P): Perimeter footings B otract Drawings [Submittal No. on Dray	Approved Shop Dr	awings		
Drawing (page) and Detail N	os.: D1				
Lap lengt Spacing of Dowels in Epoxy co	mber of bars as sp hs as specified of bars as specified n place and tied ating specified formance Items on	Yes	Bars pr Bars cle Clearan Rebar e	ean (no foreign ce around reb poxy coated How /	ted on chairs,	Yes Yes No d
Commen	ts					
Reference	e: D1 dated 9-9-23					



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-47

Issue No: 1

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Willian & Odell

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/11/2023

General Field Data

Technician: Tyler Jordan
Test Date: 9/7/2023
Weather: Clear

Test Results											
Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)		
03533809-47-C1	5	25863665	12:28	13:50	40.0	2.00	2.5	81	86		
03533809-47-C2	5	25325352	14:13	15:15	80.0	3.25	3.0	83	88		

Location & R	Location & Remarks								
General Location: Footings for buildinigs F, K & P									
Set No.	Location	Remarks							
03533809-47-C1	Bldg F								
03533809-47-C2	Bldg P								

Mix Data			
Set No.	Supplier	Mix	Design Strength (psi)
03533809-47-C1	Quicksilver	40B1W4	4000
03533809-47-C2	Quicksilver	40B1W4	4000

Notes

 Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138;
 Specimen(s) prepared to ASTM C 31

Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

Remarks



Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Test Report

MEGA STORAGE Client:

CC: RUSS TAYLOR TROY PORTER

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: CTR:03533809-47-C1

Issue No: 2

This report replaces all previous issues of this report signed on 09/14/2023

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Approved Signatory: William Odell (Senior Project Manager) 10/5/2023

ASTM C 143

Mix Data

Supplier: Quicksilver Plant: Quicksilver Mix Identification: 40B1W4

Specified Design Strength (psi): 4000 at age 28 days

Sample Details

03533809-47-C1\5

Date Sampled: 09/07/23 Date Received: 09/08/23 Specification: Mix Design

General Location: Footings for buildinigs F, K & P Measured Specified

Sample Location: Bldg F

Hold

One day Field/Laboratory Cure Slump w/ plasticizer (in): N/A Curing Method: Field Sample No.: Initial Cure Temp (°F) High: 81

Air Temp (°F): Concrete Temp (°F): **ASTM C 1064** 86 Contractor: Air Content (%) ASTM C 231 2.5

25863665 4780633 Unit Weight (pcf): Ticket no.: Truck No.: ASTM C 138 N/A Tyler Jordan Volume of Density Measure (ft3): Sampled By: N/A

Weather: Clear Batch Size (yd3): 10.0 Time Batched: 12:28 Yd3 Placed: 40.0 Time Sampled: 13:35 Water Added (gal) Before: Time Placed: 13:50

Slump (in):

U

After: 15 Time in Truck (mins): 82

ASTM C 39 **Compressive Strength of Concrete Cylinders** Specimen ID Date Tested Diameter Tested By Age Length Area Type of Maximum Fracture Compressive (Days) Strength (psi) (in) (in) (in²) Cap Load (lbf) Type / Remarks 4.01 8.10 12.63 U 03533809-47-C1\1 09/14/23 5 SC 4620 Ryan Long 03533809-47-C1\2 10/05/23 28 4.02 8.10 12.69 U 85080 2 SC 6700 Ryan Long 03533809-47-C1\3 10/05/23 28 4.02 8.05 12.69 U 81400 2 SC 6410 Ryan Long 2 SC 03533809-47-C1\4 10/05/23 28 4.02 8.05 12.69 U 81220 6400 Ryan Long SC

> Average 28 Day Compressive Strength (psi) 6510 Required Strength (psi) 3500

Notes

1. Sampling to ASTM C 172

2. Specimen(s) prepared to ASTM C 31
3. Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined, G = Ground Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

Remarks

Fracture Type / Remarks: 2 = Vert crack/ cone opposite end; C1314: Cone & Shear, 5 = Side fracture-opposite ends; C1314: Semi-Conical Break, SC = Condition Satisfactory upon retrieval.



CC: RUSS TAYLOR

TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Test Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: CTR:03533809-47-C2

Issue No: 2

This report replaces all previous issues of this report signed on 09/15/2023

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Approved Signatory: William Odell (Senior Project Manager) 10/5/2023

Mix Data

Supplier: Quicksilver Plant: Quicksilver Mix Identification: 40B1W4

Specified Design Strength (psi): 4000 at age 28 days

Sample Details

Date Sampled: 09/07/23 Date Received: 09/08/23 Specification: Mix Design

General Location: Footings for buildinigs F, K & P Measured Specified

Sample Location: Bldg P Slump (in): ASTM C 143 3.25 One day Field/Laboratory Cure Slump w/ plasticizer (in): Curing Method: N/A

Air Temp (°F): Field Sample No.: Initial Cure Temp (°F) High: 83 Concrete Temp (°F): **ASTM C 1064** 88

Contractor: Air Content (%) ASTM C 231 3.0 25325352 4782305 Unit Weight (pcf): Ticket no.: Truck No.: ASTM C 138 N/A Tyler Jordan Sampled By: N/A

Volume of Density Measure (ft3): Weather: Clear Batch Size (yd3): 10.0 Time Batched: 14:13 Yd3 Placed: 80.0 Time Sampled: 15:00 Water Added (gal) Before: Time Placed: 15:15

After: Time in Truck (mins): 62

ASTM C 39 **Compressive Strength of Concrete Cylinders** Specimen ID Date Tested Diameter Tested By Age Length Area Type of Maximum Fracture Compressive (Days) Strength (psi) (in) (in) (in²) Cap Load (lbf) Type / Remarks 4.01 8.04 12.63 45100 03533809-47-C2\1 09/14/23 5 SC 3570 Ryan Long 03533809-47-C2\2 10/05/23 28 4.01 8.08 12.63 U 65940 2 SC 5220 Ryan Long 03533809-47-C2\3 10/05/23 28 4.01 8.06 12.63 U 59280 5 SC 4690 Ryan Long 2 SC 03533809-47-C2\4 10/05/23 28 4.02 8.03 12.69 U 63650 5010 Ryan Long SC 03533809-47-C2\5 Hold U

> Average 28 Day Compressive Strength (psi) 4980 Required Strength (psi) 3500

Notes

1. Sampling to ASTM C 172

2. Specimen(s) prepared to ASTM C 31
3. Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined, G = Ground Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

Remarks

Fracture Type / Remarks: 2 = Vert crack/ cone opposite end; C1314: Cone & Shear, 5 = Side fracture-opposite ends; C1314: Semi-Conical Break, SC = Condition Satisfactory upon retrieval.



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-48

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 9/11/2023

General Field Data

Technician: Douglas Deering Test Date: 9/8/2023 Weather: Clear

est		

l oot i toodito	·									Л
Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)	
03533809-48-C1	5	25863690	09:30	10:30	10.0	4 00	4.8	72	80	٦

Location & Remarks

General Location: Remaining footings from yesterday's pour

Remarks Set No. Location Mix ID: GI40B1W4

03533809-48-C1 Northeast corner of building K

MIX Data			
Set No.	Supplier	Mix	Design Strength (psi)
03533809-48-C1	Quicksilver		4000

Notes

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Test Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: CTR:03533809-48-C1

Issue No: 2

This report replaces all previous issues of this report signed on 09/15/2023

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Approved Signatory: William Odell (Senior Project Manager) 10/6/2023

ASTM C 143

ASTM C 1064

Mix Data

Supplier: Quicksilver

Plant:

Mix Identification:

Contractor:

03533809-48-C1\4

03533809-48-C1\5

Specified Design Strength (psi): 4000 at age 28 days

Sample Details

09/08/23 09/11/23 Date Sampled: Date Received: Specification: Mix Design

General Location: Remaining footings from yesterday's pour

10/06/23

28

Hold

Sample Location: Northeast corner of building K Three day Field/Laboratory Cure Curing Method:

Field Sample No.: Initial Cure Temp (°F) High:

Ticket no.: **Douglas Deering** Sampled By:

Weather: Clear

25863690 2304 Truck No.:

4.01

8.06

Air Content (%) ASTM C 231 Unit Weight (pcf): ASTM C 138 Volume of Density Measure (ft3):

Batch Size (yd3): 10.0 Yd3 Placed: 10.0 Water Added (gal) Before: 0

After: 0

2 SC

SC

Time Batched: 09:30 Time Sampled: 10:15 Time Placed: 10:30 Time in Truck (mins): 60

6320

N/A

72

80

48

N/A

N/A

Measured Specified

3.00 to 5.00

Ryan Long

ASTM C 39 **Compressive Strength of Concrete Cylinders** Specimen ID Date Tested Diameter Tested By Age Length Area Type of Maximum Fracture Compressive (Days) Strength (psi) (in) (in) (in²) Cap Load (lbf) Type / Remarks 03533809-48-C1\1 4.01 8.03 12.63 4810 Eric Behrens 09/15/23 5 SC 03533809-48-C1\2 10/06/23 28 4.03 8.07 12.76 U 76590 2 SC 6000 Ryan Long 03533809-48-C1\3 10/06/23 28 4.01 8.07 12.63 U 77320 5 SC 6120 Ryan Long

12.63

U

U

Slump (in):

Air Temp (°F):

Slump w/ plasticizer (in):

Concrete Temp (°F):

Average 28 Day Compressive Strength (psi) 6150 Required Strength (psi) 3500

79860

Notes

1. Sampling to ASTM C 172

Specimen(s) prepared to ASTM C 31
 Capping B=Bonded ASTM C 617, U=Unbonded ASTM C 1231, C = Combined, G = Ground

Remarks

Fracture Type / Remarks: 2 = Vert crack/ cone opposite end; C1314: Cone & Shear, 5 = Side fracture-opposite ends; C1314: Semi-Conical Break, SC = Condition Satisfactory upon retrieval. Mix ID: GI40B1W4



Phone: (913) 310-1600 Fax: (913) 310-1601

Summary Daily Field Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

CC:

RUSS TAYLOR, TROY

PORTER

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: SDFR:03533809-49

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William & Odell

Approved Signatory: William Odell (Senior Project Manager)

Date of Issue: 9/12/2023

Date:	9/11/2023	
	WEATHER: TEMPERATURE RANGE: PSI REPRESENTATIVE:	
	TYPE OF INSPECTI	ON BEING PERFORMED
	SOILS	CONCRETE
	FOUNDATIONS	☐ BATCH PLANT
	☐ CONTROLLED FILL (COMPACTION)	☐ PLACEMENT (JOB SITE)
		☑ SPECIMEN TRANSPORT
	ASPHALT	OTHER
	☐ BATCH PLANT	
	☐ PLACEMENT (JOB SITE)	
	П	П

BRIEF RESUME OF WORK ACCOMPLISHED THIS DATE:

As requested, a representative of PSI reported to the above referenced project site to retrieve one set of five cylinders cast by PSI which were transported back to the PSI laboratory for further curing and compressive strength testing.



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-50

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 9/22/2023

General Field Data

Technician: Douglas Deering Test Date: 9/21/2023 Weather: Clear

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oot i toouito										
Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)	
03533809-50-C1	5	25325950	08:56	10.00	10.0	5 50	1.5	69	80	

Location & Remarks

General Location: Interior Floor Building G

Set No. Location Remarks

03533809-50-C1 Southeast corner of building pad

IVIIX Dala			
Set No.	Supplier	Mix	Design Strength (psi)
03533809-50-C1	Quicksilver	GI40B1W4	4000

Notes

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-52

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 9/27/2023

General Field Data

Technician: Douglas Deering Test Date: 9/26/2023 Weather: Clear

ı	Test Results									
	Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)
I	03533809-52-C1	5	25326055	06:56	07:45	10.0	6.00	2.5	67	78
I	03533809-52-C2	5	25864044	09:05	10:30	110.0	6.00	1.8	75	82

Location & Remarks						
General Location:	Interior Flooring Building K					
Set No.	Location	Remarks				
03533809-52-C1	Southeast corner of pad					
General Location:	General Location: Interior Flooring Building Q					
Set No.	Location	Remarks				
03533809-52-C2	Northeast corner of pad					

Mix Data			
Set No.	Supplier	Mix	Design Strength (psi)
03533809-52-C1	Quicksilver	GI40B1W4	4000
03533809-52-C2	Quicksilver	GI40B1W4	4000

		4	
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1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



Phone: (913) 310-1600 Fax: (913) 310-1601

Reinforcing Steel Observation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

RUSS TAYLOR, TROY

PORTER

Project: MEGA STORAGE LEE'S SUMMIT

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Report No: RSI:03533809-52

Issue No: 1

William & Odell

LEE'S SUMMIT, MO		Approved Signatory: William Odell (Senior Project Manager) Date of Issue: 9/27/2023
General Details Date: 9/26/2023 Weather: Clear General Location: Building K		Technician: Douglas Deering
Location		
✓ Footing✓ Slab-On-Grade✓ Beam✓ PilasterOther:	☐ Elevate	
General Details (cont.)		
Building/Unit No. K Elevation (ft):		
Specific Location (grid lines): Building K	slab	
Plans Used:		ed Shop Drawings 19.09.22
Reinforcing Steel	Visa	Dana managhatiad and maritimed Var
Size & number of bars as specified Lap lengths as specified	Yes Yes	Bars properly tied and positioned Yes Bars properly supported on chairs, Yes
Spacing of bars as specified	Yes	Bars clean (no foreign matter) Yes
Dowels in place and tied	Yes	Clearance around rebar as specified Yes
Epoxy coating specified	N/A	Rebar epoxy coated N/A
Non-Conformance Items		
Description	Who Notified	How / Date Corrected
Comments		



Professional Service Industries, Inc.

2828 South 44th Street Kansas City, KS 66106

Phone: (913) 310-1600 Fax: (913) 310-1601

Foundation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FRL:03533809-53

Issue No: 1

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Approved Signatory:

William Odell (Senior Project Manager)

Date of Issue: 9/27/2023

General Details

Date: 9/26/2023 Technician: Douglas Deering Weather: Clear

Found	Foundation										
F	oundation I.D.	Footing Di	mension ⁽¹⁾	Depth of Excavation	Bearing Soil Type (Visual Classification –	Design Bearing	Required Shear Strength From	Spring Loaded Penetrometer	Correlated Shear	Depth Below	Status
Туре	Grid Location	Design	Actual	from Ground Surface (in) ⁽²⁾	iu Pressure D	Design (TSF)	Reading* (TSF)	Strength (TSF)	Footing (in)	Otatas	
В	Perimeter Footings Building R	12 x 24	12 x 25	24	Brownish red clay	1500	N/A	3.00		6	1

CC: RUSS TAYLOR, TROY PORTER

Remarks Undercuts / Repairs (due to soft soil conditions)

There is about 3 inches of rain water all around footings. Contractor is pumping as much water as possible out before pour later today. I probed all around the footings for any areas of concern/softness and no issues.

Legend:

A = Column Footing $C = \$

C = Wall Footing with Column Pads

B = Wall Footing D = Mat

Status:

1= Tests indicate Adequate Soil Strength

2= Tests indicate Insufficient Soil Strength

3= Footing Accepted after Subgrade Amendment

* Indicates Field Calibrated Penetrometer, which consists of a hand-held calibrated spring-loaded cylinder. Calibrated penetrometer provides estimated unconfined compressive strength in tons per square foot (TSF).

¹ Record width for wall footings and length by width for column footings.

² Depth of excavation as measured from present ground surface.

[•] Any soil(s) which become loose or soften(s) as a result of additional construction or exposure to the elements (rain, freezing temperatures, etc.) must be removed from the excavation prior to placement of concrete.

[•] Soil penetrometer readings are given on an indexed value of the unconfined compressive strength of the soil. Based on the soil being consistent within the foundation's zone of influence below the prepared surface, the bearing capacity is a function of the unconfined compressive strength.

[•] Due to the nature of this instrument, the report should only be used to confirm or deny anticipated soil conditions. It should not be construed as a soil survey of this site. The above data are only valid for the locations and elevations shown, and do not indicate bearing capacity or strength below the lowest elevation tested.



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-54

Issue No: 1

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Remarks

Approved Signatory: William Odell (Senior Project Manager) 10/2/2023

General Field Data

Technician: Douglas Deering Test Date: 9/27/2023 Weather: Clear

est		

Set No.	# Spec.	Ticket	Batch Time	Unload Time		Slump (in)		Air Temp. (°F)		
					Placed		(%)		Temp. (°F)	
03533809-54-C1	5	25326120	09:22	10:30	20.0	5.50	2.8	74	81	

Location & Remarks

General Location: Interior Floor Building P Set No. Location

03533809-54-C1 Southwest corner of slab

MIX Data								
Set No.	Supplier	Mix	Design Strength (psi)					
03533809-54-C1	Talon Concrete	GI40B1W4	4000					

Notes

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



Phone: (913) 310-1600 Fax: (913) 310-1601

Reinforcing Steel Observation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

RUSS TAYLOR, TROY

PORTER

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SLIMMIT MO

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Report No: RSI:03533809-54

Issue No: 1

Approved Signatory: William Odell (Senior Project Manager)

General Details		Date of Issue: 10/2/2023	
General Details			
Date: 9/27/2023		Technician: Douglas Deering	
Weather: Clear			
General Location: Building P			
Location			
Footing Slab-On-Grade	L Elevate		Columns
Beam Pilaster	Wall Pa	nel Foundation Wall	
Other: Building P			
General Details (cont.)			
Building/Unit No.			
Elevation (ft):			
Specific Location (grid lines): No grid line	es (entire nad) fihe	er mesh rehar	
opeome Location (grid inics). No grid inic	so (critire pad) fibe	or mean repair	
Plans Used: Contract Drawings	☐ Approv	ed Shop Drawings	
Current Date and Revision/Submittal No			
Current Date and Revision/Submittal No	. on Drawings: 0	9.09.22	
Drawing (name) and Datail Name	F3		
Drawing (page) and Detail Nos.:	гэ		
Palatanala a Otaal			
Reinforcing Steel	V	Dave preparity tied and positioned	Vas
Size & number of bars as specified	Yes	Bars properly tied and positioned	Yes
Lap lengths as specified	Yes	Bars properly supported on chairs,	
Spacing of bars as specified	Yes	Bars clean (no foreign matter)	Yes
		Classones around robor as ansaitise	
Dowels in place and tied	Yes	Clearance around rebar as specified	
Epoxy coating specified	Yes N/A	Rebar epoxy coated	I Yes N/A
Epoxy coating specified		•	
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified		•	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Non-Conformance Items Description	N/A	Rebar epoxy coated	N/A
Epoxy coating specified Non-Conformance Items	N/A	Rebar epoxy coated	N/A
Non-Conformance Items Description	N/A	Rebar epoxy coated	N/A
Non-Conformance Items Description	N/A	Rebar epoxy coated	N/A
Non-Conformance Items Description	N/A	Rebar epoxy coated	N/A



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-55

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 10/2/2023

General Field Data

Technician: Douglas Deering Test Date: 9/27/2023 Weather: Clear

29				

Set No.	# Spec.	Ticket	Batch Time	Unload Time		Slump (in)		Air Temp. (°F)	
					Placed		(%)		Temp. (°F)
03533809-55-C1	5	25326146	13:44	14:35	10.0	4.00	3.0	83	88

Location & Remarks

General Location: Wall footings Buildings R/S

Set No. Location Remarks

03533809-55-C1 Northeast corner for footing building S

1	IVIIX Dala			
	Set No.	Supplier	Mix	Design Strength (psi)
I	03533809-55-C1	Talon Concrete	GI35C1W4 tal	3500

Notes

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-56

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 10/2/2023

General Field Data

Technician: Douglas Deering Test Date: 9/28/2023 Weather: Clear

		es	

oot i toouito	Set No. # Spec. Ticket Batch Time Unload Time Cubic Yards Slump (in) Air Content Air Temp. (°F) Concrete Placed (%) Temp. (°F)									
Set No.	# Spec.	Ticket	Batch Time	Unload Time		Slump (in)		Air Temp. (°F)		
03533809-56-C1	5	25864089	06:59	07:45	10.0	5 50	2.0	68	79	

Location & Remarks

General Location: Interior flooring building K Remarks Set No. Location

03533809-56-C1 Northeast corner of building pad

Mix Data Set No. Supplier Mix Design Strength (psi) 03533809-56-C1 GI40B1W4 4000 Quicksilver

		4	
NI			•
14	u	UΞ	

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



Phone: (913) 310-1600 Fax: (913) 310-1601

Reinforcing Steel Observation Report

Client: MEGA STORAGE C

577 VILLA CT RUSS TAYLOR, TROY

WEST DES MOINES, IA 50266

PORTER

Project: MEGA STORAGE LEE'S SUMMIT

Report No: RSI:03533809-56 Issue No: 1

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William & Odell

LEE'S SUMMIT, MO		Approved Signatory: William Odell (Senior Project Manager) Date of Issue: 10/2/2023
General Details Date: 9/28/2023 Weather: Clear General Location: Building K		Technician: Douglas Deering
Location		
☐ Footing ☐ Slab-On-Grade ☐ Pilaster ☐ Other: Interior Floor	☐ Elevate ☐ Wall Pa	ed Slab Piers Columns anel Foundation Wall
General Details (cont.)		
Building/Unit No. Building K		
Elevation (ft):		
Specific Location (grid lines):		
Plans Used: Contract Drawings Current Date and Revision/Submittal No Drawing (page) and Detail Nos.:		ved Shop Drawings 09.09.22
Painfaraing Stool		
Reinforcing Steel Size & number of bars as specified	Yes	Bars properly tied and positioned Yes
Lap lengths as specified	Yes	Bars properly supported on chairs, Yes
Spacing of bars as specified	Yes	Bars clean (no foreign matter) Yes
Dowels in place and tied	Yes	Clearance around rebar as specified Yes
Epoxy coating specified	N/A	Rebar epoxy coated N/A
Non-Conformance Items	,	
Description	Who Notified	How / Date Corrected
Comments		



Professional Service Industries, Inc.

2828 South 44th Street Kansas City, KS 66106

Phone: (913) 310-1600 Fax: (913) 310-1601

Foundation Report

Client: **MEGA STORAGE**

577 VILLA CT

WEST DES MOINES, IA 50266

MEGA STORAGE LEE'S SUMMIT Project:

LEE'S SUMMIT, MO

Report No: FRL:03533809-57 Issue No: 1

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Approved Signatory:

William Odell (Senior Project Manager)

Date of Issue: 10/2/2023

General Details

Date: 9/28/2023 Technician: Douglas Deering Weather: Clear

Foundation											
F	Foundation I.D. Footing Dimension (1)		Depth of Excavation	. I Roaring Soil Typo I	- Strength From Po	Spring Loaded Penetrometer	Correlated Shear	Depth Below	Status		
Туре	Grid Location	Design	Actual	from Ground Surface (in) ⁽²⁾	USCS)	Pressure (PSF)	Design (TSF)	Reading* (TSF)	Strength (TSF)	Footing (in)	
В	Bldg T & U	12 x 24	12 x 24	24	Red/brown clay	1500	N/A	3.00			1

CC: RUSS TAYLOR, TROY PORTER

Undercuts / Repairs (due to soft soil conditions) Remarks

Legend:

A = Column Footing

C = Wall Footing with Column Pads

B = Wall Footing

D = Mat

¹ Record width for wall footings and length by width for column footings.

Depth of excavation as measured from present ground surface.

Status:

- 1= Tests indicate Adequate Soil Strength
- 2= Tests indicate Insufficient Soil Strength
- 3= Footing Accepted after Subgrade Amendment

* Indicates Field Calibrated Penetrometer, which consists of a hand-held calibrated spring-loaded cylinder. Calibrated penetrometer provides estimated unconfined compressive strength in tons per square foot (TSF).

[•] Any soil(s) which become loose or soften(s) as a result of additional construction or exposure to the elements (rain, freezing temperatures, etc.) must be removed from the excavation prior to placement of concrete.

[•] Soil penetrometer readings are given on an indexed value of the unconfined compressive strength of the soil. Based on the soil being consistent within the foundation's zone of influence below the prepared surface, the bearing capacity is a function of the unconfined compressive strength.

[•] Due to the nature of this instrument, the report should only be used to confirm or deny anticipated soil conditions. It should not be construed as a soil survey of this site. The above data are only valid for the locations and elevations shown, and do not indicate bearing capacity or strength below the lowest elevation tested.



Phone: (913) 310-1600 Fax: (913) 310-1601

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These test results apply only to the specific locations and materials

noted and may not represent any other locations or elevations. This

Report No: RSI:03533809-57

Issue No: 1

Reinforcing Steel Observation Report

Client: MEGA STORAGE

577 VILLA CT RUSS TAYLOR, TROY

WEST DES MOINES, IA 50266 **PORTER**

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO		Approved Signatory: William Odell (Senior Project Manager) Date of Issue: 10/2/2023							
General Details Date: 9/28/2023 Weather: Clear General Location: Building T & U		Technician: Douglas Deering							
Location Footing Slab-On-Grade Beam Pilaster Other: Building T&U	☐ Elevated ☐ Wall Pan								
General Details (cont.) Building/Unit No. Elevation (ft): Specific Location (grid lines): Entire wall perimeter Plans Used: Contract Drawings Approved Shop Drawings Current Date and Revision/Submittal No. on Drawings: 02.27.23									
Drawing (page) and Detail Nos.:	F7-F8								
Reinforcing Steel Size & number of bars as specified Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified	Yes I Yes I Yes (Bars properly tied and positioned Yes Bars properly supported on chairs,Yes Bars clean (no foreign matter) Yes Clearance around rebar as specified Yes Rebar epoxy coated N/A							
Non-Conformance Items	14/74	Tesal openy couled 14/74							
Description	Who Notified	How / Date Corrected							
Comments									



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-57

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 10/2/2023

General Field Data

Technician: Douglas Deering Test Date: 9/28/2023 Weather: Clear

est		

Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)
03533809-57-C1	5	25864113	13:36	14:30	10.0	4.00	2.2	89	85

Location & Remarks

General Location: Wall footings Building U&T

Set No. Location Remarks

03533809-57-C1 Southeast corner of building U

INIX Data									
Set No.	Supplier	Mix	Design Strength (psi)						
03533809-57-C1	Talon Concrete	GI35C1W4 tal	3500						

Notes

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-59

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 10/4/2023

General Field Data

Technician: Douglas Deering Test Date: 10/3/2023 Weather: Clear

est		

Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards	Slump (in)	Air Content	Air Temp. (°F)		
					Placed		(%)		Temp. (°F)	
03533809-59-C1	5	25326339	07:29	08:30	10.0	5.00	2.5	69	80	

Location & Remarks

General Location: Interior Floor Building F

Set No. Location Remarks

03533809-59-C1 Southeast corner

	IVIIX Dala				
Set No.		Supplier	Mix	Design Strength (psi)	
	03533809-59-C1	Quicksilver	GI40B1W4	4000	

Notes

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Form No: 18971, Report No: FC:03533809-59

Remarks



Phone: (913) 310-1600 Fax: (913) 310-1601

Reinforcing Steel Observation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

RUSS TAYLOR, TROY

PORTER

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

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Report No: RSI:03533809-59

Issue No: 1

William & Odell

Approved Signatory: William Odell (Senior Project Manager)

LEE 3 SOIVIIVII I, IVIO		Date of Issue: 10/4/2023	
General Details			
Date: 10/3/2023		Technician: Douglas Deeri	na
Weather: Clear		3	3
General Location: Building F			
Location			
Footing Slab-On-Grade	Elevated :		Columns
Beam Pilaster	☐ Wall Pane	l Foundation Wall	
Other: Interior Flooring			
General Details (cont.)			
Building/Unit No. Building F			
Elevation (ft):			
Specific Location (grid lines):			
(3)			
Plans Used: Contract Drawings	Approved	Shop Drawings	
Current Date and Revision/Submittal No		, ,	
	. on Brannigor		
Drawing (page) and Detail Nos.:	F1		
Drawing (page) and Dotain Hoon			
Reinforcing Steel			
Size & number of bars as specified	Yes E	ars properly tied and positio	ned Yes
Lap lengths as specified		sars properly supported on c	
Spacing of bars as specified		Bars clean (no foreign matter)	
Dowels in place and tied		Clearance around rebar as sp	
Epoxy coating specified		Rebar epoxy coated	N/A
	IN/A I	tebai epoxy coateu	N/A
Non-Conformance Items	AND a New Comment	Have / Date O	
Description	Who Notified	How / Date Co	orrected
Comments			



Phone: (913) 310-1600 Fax: (913) 310-1601

Reinforcing Steel Observation Report

Client: MEGA STORAGE

577 VILLA CT

577 VILLA CT RUSS TAYLOR, TROY

WEST DES MOINES, IA 50266 PORTER

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

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Report No: RSI:03533809-60

Issue No: 1

William & Odell

pproved Signatory: William Odell (Senior Project Manager)

Date of Issue: 10/5/2023

General Details 10/4/2023 Technician: **Douglas Deering** Date: Weather: Clear General Location: Building S Location Footing ✓ Slab-On-Grade **Elevated Slab** Piers Columns Beam Pilaster Wall Panel Foundation Wall Interior floors Other: **General Details (cont.)** Building S **Building/Unit No.** Elevation (ft): Specific Location (grid lines): Plans Used: Contract Drawings Approved Shop Drawings Current Date and Revision/Submittal No. on Drawings: 02.27.23 F8 Drawing (page) and Detail Nos.: **Reinforcing Steel** Bars properly tied and positioned Size & number of bars as specified Yes Yes Lap lengths as specified Yes Bars properly supported on chairs,... Yes Spacing of bars as specified Bars clean (no foreign matter) Yes Yes Dowels in place and tied Clearance around rebar as specified Yes Yes **Epoxy coating specified** N/A Rebar epoxy coated N/A **Non-Conformance Items Description** Who Notified **How / Date Corrected** Comments



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-60

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 10/5/2023

General Field Data

Technician: Douglas Deering Test Date: 10/4/2023 Weather: Clear

29				

Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)
03533809-60-C1	5	25864217	07:19	08:30	10.0	4.00	1.8	65	79

Location & Remarks

General Location: Building S interior flooring

Location Set No. Remarks

03533809-60-C1 Northeast corner of building S slab

IVIIX Dala			
Set No.	Supplier	Mix	Design Strength (psi)
03533809-60-C1	Quicksilver	GI40B1W4	4000

Notes

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-61

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 10/6/2023

General Field Data

Technician: Douglas Deering Test Date: 10/5/2023 Weather: Clear

Te	_ 4		_		14 -
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		\mathbf{r}		5 U	

i cot i teourio										
Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)	
03533809-61-C1	5	25326455	07:58	09:00	10.0	5.50	2.0	61	78	

Location & Remarks

General Location: Interior Floor Building R Set No. Remarks Location

03533809-61-C1 Northeast corner of building R

Mix Data Set No. Supplier Mix Design Strength (psi) 03533809-61-C1 GI40B1W4 4000 Quicksilver

	- 4	
NI	AtAc	
14	otes	

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



Phone: (913) 310-1600 Fax: (913) 310-1601

Reinforcing Steel Observation Report

Client: MEGA STORAGE

577 VILLA CT

WEST DES MOINES, IA 50266

RUSS TAYLOR, TROY

PORTER

Project: MEGA STORAGE LEE'S SUMMIT

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Report No: RSI:03533809-61

Issue No: 1

William & Odell

pproved Signatory: William Odell (Senior Project Manager)

LEE'S SUMMIT, MO		Date of Issue: 10/6/2023	
General Details			
Date: 10/5/2023		Technician: Douglas Deering	
Weather: Clear			
General Location: Building R interior Flo	or		
Location			
☐ Footing ✓ Slab-On-Grade	☐ Elevated	Slab Piers	Columns
Beam Pilaster	Wall Pane		
Other: Interior Floor Fiber Mesh Rebar			
General Details (cont.)			
Building/Unit No. Building R			
Elevation (ft):			
Specific Location (grid lines):			
Specific Location (grid lines).			
Plans Used:	Approved	Shop Drawings	
Current Date and Revision/Submittal No		•	
Ourient Date and Nevision/Oublintial No	. on brawings. vz	.27.20	
Drawing (page) and Detail Nos.:	F6		
5 (1 5)			
Reinforcing Steel			
Size & number of bars as specified	Yes E	Bars properly tied and positioned	Yes
Lap lengths as specified	Yes E	Bars properly supported on chairs,	Yes
Spacing of bars as specified	Yes E	Bars clean (no foreign matter)	Yes
Dowels in place and tied	Yes (Clearance around rebar as specified	Yes
Epoxy coating specified	N/A F	Rebar epoxy coated	N/A
Non-Conformance Items			
Description	Who Notified	How / Date Corrected	d
P			
Comments			



CC: RUSS TAYLOR TROY PORTER

Phone: (913) 310-1600 Fax: (913) 310-1601

Concrete Field Report

MEGA STORAGE Client:

577 VILLA CT

WEST DES MOINES, IA 50266

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: FC:03533809-63

Issue No: 1

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Approved Signatory: William Odell (Senior Project Manager) 10/11/2023

General Field Data

Technician: Douglas Deering Test Date: 10/10/2023 Weather: Clear

Test Results									
Set No.	# Spec.	Ticket	Batch Time	Unload Time	Cubic Yards Placed	Slump (in)	Air Content (%)	Air Temp. (°F)	Concrete Temp. (°F)
03533809-63-C1	5	25326620	07:39	08:15	10.0	6.00	2.2	45	70
03533809-63-C2	5	25864347	09:35	10:50	110.0	5.50	2.5	60	82

Location & R	Remarks	
General Location:	Building U interior Floor	
Set No.	Location	Remarks
03533809-63-C1	Southeast corner of building U slab	
General Location:	Building T interior Floor	
Set No.	Location	Remarks
03533809-63-C2	Northeast corner of building T slab	

Mix Data			
Set No.	Supplier	Mix	Design Strength (psi)
03533809-63-C1	Quicksilver	GI40B1W4	4000
03533809-63-C2	Quicksilver	GI40B1W4	4000

	4	
N.	0100	
ıv		

1. Applicable ASTM standards unless otherwise indicated: Slump: C143; Air Content: C231; Temperature: C1064; Sampling: C172; Unit Weight: C138; 2. Specimen(s) prepared to ASTM C 31

Remarks



Phone: (913) 310-1600 Fax: (913) 310-1601

Reinforcing Steel Observation Report

Client: MEGA STORAGE (

577 VILLA CT RUSS TAYLOR, TROY

WEST DES MOINES, IA 50266 PORTER

Project: MEGA STORAGE LEE'S SUMMIT

LEE'S SUMMIT, MO

Report No: RSI:03533809-63 Issue No: 1

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William & Odell

Approved Signatory: William Odell Date of Issue: 10/11/2023

		Date of Issue: 10/11/2023	
General Details			
Date: 10/10/2023		Technician: Douglas Deering	
Weather: Clear		3 3 3 3 3 3	
General Location: Interior Floor building	c II & T		
	3001		
Location			
Footing Slab-On-Grade	Elevate		Columns
Beam Pilaster	Wall Pa	nel Foundation Wall	
Other: Interior Floor			
General Details (cont.)			
Building/Unit No. U&T			
Elevation (ft):			
Specific Location (grid lines): Entire slab	for both buildings		
opecine Location (grid inics): Entire side	Tor bott ballalings		
Plans Used: Contract Drawings	☐ Approve	ed Shop Drawings	
Current Date and Revision/Submittal No			
Current Date and Revision/Submittal No	o. On Drawings. o	2.21.23	
Drawing (nage) and Datail Nea .	F9 / F10		
Drawing (page) and Detail Nos.:	F9/F10		
Reinforcing Steel			
Size & number of bars as specified	Yes	Bars properly tied and positioned	Yes
Size & number of bars as specified	res		res
	V	Dava propagly accepted an abaira	V
Lap lengths as specified	Yes	Bars properly supported on chairs,	
Lap lengths as specified Spacing of bars as specified	Yes	Bars clean (no foreign matter)	Yes
Lap lengths as specified Spacing of bars as specified Dowels in place and tied	Yes Yes	Bars clean (no foreign matter) Clearance around rebar as specified	Yes Yes
Lap lengths as specified Spacing of bars as specified	Yes	Bars clean (no foreign matter)	Yes
Lap lengths as specified Spacing of bars as specified Dowels in place and tied	Yes Yes	Bars clean (no foreign matter) Clearance around rebar as specified	Yes Yes
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes	Bars clean (no foreign matter) Clearance around rebar as specified	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items Description	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items Description	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items Description	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A
Lap lengths as specified Spacing of bars as specified Dowels in place and tied Epoxy coating specified Non-Conformance Items Description	Yes Yes N/A	Bars clean (no foreign matter) Clearance around rebar as specified Rebar epoxy coated	Yes Yes N/A