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

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

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

Proofroll 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

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

General Details

Date: 7/12/2023
Technician: Eric Behrens
Weather: Clear

Item

- ☐ Final subgrade for building pad
- ☐ Aggregate base for building pad
- ☑ Stripped subgrade prior to the placement of fill
- ☐ Final subgrade for driveway/parking area
- ☐ Aggregate base for driveway/parking area
- ☐ 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

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: Eric Behrens
Sketch Attached: YES

Comments

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

Phone: (913) 310-1600
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Report No: PRR:03533809-37
Issue No: 1

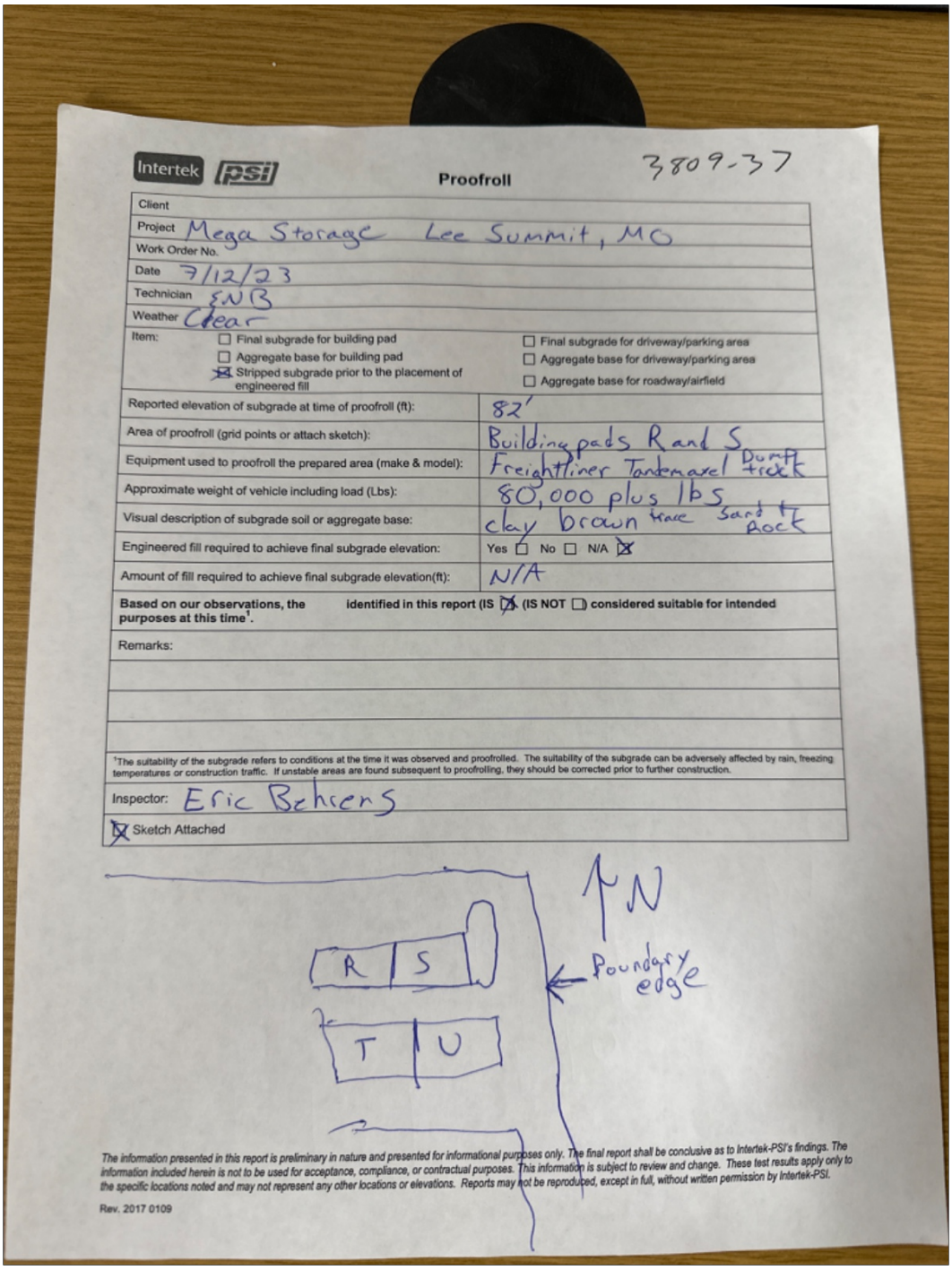
Proofroll Report

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

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



Intertek psi — Proofroll — 3809-37

Client	
Project	Mega Storage Lee Summit, MO
Work Order No.	
Date	7/12/23
Technician	ENB
Weather	Clear
Item:	☐ Final subgrade for building pad; ☐ Aggregate base for building pad; ☒ Stripped subgrade prior to the placement of engineered fill; ☐ Final subgrade for driveway/parking area; ☐ Aggregate base for driveway/parking area; ☐ 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 and S
Equipment used to proofroll the prepared area (make & model):	Freightliner Tandemaxel Dump truck
Approximate weight of vehicle including load (Lbs):	80,000 plus lbs
Visual description of subgrade soil or aggregate base:	clay brown trace sand & rock
Engineered fill required to achieve final subgrade elevation:	Yes ☐ No ☐ N/A ☒
Amount of fill required to achieve final subgrade elevation(ft):	N/A

Based on our observations, the identified in this report (IS ☒ (IS NOT ☐ considered suitable for intended purposes at this time[1].

Remarks:

[1]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: Eric Behrens

☒ Sketch Attached

The information presented in this report is preliminary in nature and presented for informational purposes only. The final report shall be conclusive as to Intertek-PSI's findings. The information included herein is not to be used for acceptance, compliance, or contractual purposes. This information is subject to review and change. These test results apply only to the specific locations noted and may not represent any other locations or elevations. Reports may not be reproduced, except in full, without written permission by Intertek-PSI.

Rev. 2017 0109

Proof roll sketch

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

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

Report No: FDR:03533809-39
Issue No: 1

Field Density Test 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

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

Testing Details

Tested By:	Eric Behrens	**Date Tested:**	7/14/2023
Field Methods:	ASTM D 6938		
Contractor:	Kissick Const	**Gauge Make/Model:**	Troxler
Test Mode:	Direct Transmission	**Standard Count: Density:**	569
Serial Number:	31164	**Standard Count: Moisture:**	1733
Weather:	Clear		

Proctor Information

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

Test Results

Test No.	Method	Proctor Sample ID	Probe Depth (in.)	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	A
2	D 6938	03533809-15-S1	12	138.5	3.1	-5.9	134.3	**101.0**	≥95	A
3	D 6938	03533809-15-S1	12	140.7	5.5	-3.5	133.4	**100.3**	≥95	A
4	D 6938	03533809-15-S1	12	138.5	5.2	-3.8	131.7	**99.0**	≥95	A
5	D 6938	03533809-15-S1	12	136.0	4.0	-5.0	130.8	**98.3**	≥95	A
6	D 6938	03533809-15-S1	12	138.6	4.7	-4.3	132.4	**99.5**	≥95	A

Location

General Location: Building pads for building T, U, S, R

Test No.	Location	Lift	Test Elev/Depth	Material/Layer
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

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

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

Report No: FDR:03533809-39
Issue No: 1

Field Density Test 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

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

Test Results

Test No.	Method	Proctor Sample ID	Probe Depth (in.)	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	A
8	D 6938	03533809-15-S1	12	135.5	4.7	-4.3	129.4	**97.3**	≥95	A
9	D 6938	03533809-15-S1	12	138.4	4.8	-4.2	132.1	**99.3**	≥95	A
10	D 6938	03533809-15-S1	12	141.6	5.8	-3.2	133.8	**100.6**	≥95	A
11	D 6938	03533809-15-S1	12	139.5	4.7	-4.3	133.2	**100.2**	≥95	A
12	D 6938	03533809-15-S1	12	137.8	5.8	-3.2	130.2	**97.9**	≥95	A

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

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

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

Report No: FDR:03533809-40
Issue No: 1

Field Density Test 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

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

Testing Details

Tested By:	LeeAnthony Crane	**Date Tested:**	7/21/2023
Field Methods:	ASTM D 6938		
Gauge Make/Model:	Troxler	**Test Mode:**	Direct Transmission
Standard Count: Density:	1996	**Serial Number:**	30102
Standard Count: Moisture:	587		

Proctor Information

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

Test Results

Test No.	Method	Proctor Sample ID	Probe Depth (in.)	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	A
2	D 6938	03533809-15-S1	8	135.2	5.5	-3.5	128.2	**96.4**	≥95	A
3	D 6938	03533809-15-S1	8	137.4	4.5	-4.5	131.5	**98.9**	≥95	A
4	D 6938	03533809-15-S1		137.4	5.8	-3.2	129.9	**97.7**	≥95	A
5	D 6938	03533809-15-S1	8	140.1	5.2	-3.8	133.2	**100.2**	≥95	A
6	D 6938	03533809-15-S1	8	138.5	5.1	-3.9	131.8	**99.1**	≥95	A

Location

General Location: Building K

Test No.	Location	Test Elev/Depth	Material/Layer
1	NE quarter	Subgrade	LVC Zone
2	NW quarter	Subgrade	LVC Zone
3	SE quarter	Subgrade	LVC Zone
4	SW quarter	Subgrade	LVC Zone

General Location: Building L

Test No.	Location	Test Elev/Depth	Material/Layer
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

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

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

Report No: FDR:03533809-40
Issue No: 1

Field Density Test 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

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

Test Results

Test No.	Method	Proctor Sample ID	Probe Depth (in.)	Wet Density (lb/ft³)	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	A
8	D 6938	03533809-15-S1		135.5	5.2	-3.8	128.8	**96.8**	≥95	A

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

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

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

Report No: PRR:03533809-40
Issue No: 1

Proofroll 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

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 7/24/2023

General Details

Date: 7/21/2023
Technician: LeeAnthony Crane
Weather:

Item

- [x] Final subgrade for building pad
- [ ] Aggregate base for building pad
- [ ] Stripped subgrade prior to the placement of fill
- [ ] Final subgrade for driveway/parking area
- [ ] Aggregate base for driveway/parking area
- [ ] 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 & 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 elevation (ft):	20"

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

Comments

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

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

Report No: PRR:03533809-41
Issue No: 1

Proofroll 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

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 8/9/2023

General Details

Date: 8/8/2023
Technician: LeeAnthony Crane
Weather:

Item

- [x] Final subgrade for building pad
- [ ] Aggregate base for building pad
- [ ] Stripped subgrade prior to the placement of fill
- [ ] Final subgrade for driveway/parking area
- [ ] Aggregate base for driveway/parking area
- [ ] 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 elevation (ft):	20"+

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:
Sketch Attached:

Comments

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

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

Report No: FDR:03533809-42
Issue No: 1

Field Density Test 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

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

Testing Details

Tested By:	Kenneth Mathis	**Date Tested:**	8/17/2023
Field Methods:	ASTM D 6938		
Gauge Make/Model:	Troxler	**Test Mode:**	Direct Transmission
Standard Count: Density:	2433	**Serial Number:**	70168
Standard Count: Moisture:	666	**Weather:**	Sunny, Warm, Windy

Proctor Information

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

Test Results

Test No.	Method	Proctor Sample ID	Probe Depth (in.)	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	A
2	D 6938	03533809-15-S1	6	143.0	4.5	-4.5	136.8	**102.9**	≥95	A
3	D 6938	03533809-15-S1	6	145.6	4.9	-4.1	138.8	**104.4**	≥95	A
4	D 6938	03533809-15-S1	6	144.6	5.0	-4.0	137.7	**103.5**	≥95	A
5	D 6938	03533809-15-S1	6	146.4	5.2	-3.8	139.2	**104.7**	≥95	A
6	D 6938	03533809-15-S1		145.3	5.7	-3.3	137.5	**103.4**	≥95	A

Location

General Location: BLD F pad

Test No.	Location	Material/Layer
1	SE corner	Base
2	Middle of pad	Base
3	NW corner	Base

General Location: BLD G pad

Test No.	Location	Material/Layer
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

Report No: DFR:03533809-42

Issue No: 1

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

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

Date: 8/17/2023

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

Report No: FRL:03533809-43
Issue No: 1

Foundation 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

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

Foundation

Foundation I.D.		Footing Dimension [1]		Depth of Excavation from Ground Surface (in) [2]	Bearing Soil Type (Visual Classification – USCS)	Design Bearing Pressure (PSF)	Required Shear Strength From Design (TSF)	Spring Loaded Penetrometer Reading* (TSF)	Correlated Shear Strength (TSF)	Depth Below Footing (in)	Status
Type	Grid Location	Design	Actual								
B	Bldg.G: 15.5 ft. East of SW corner	12" wide. x 33 in deep	12" wide. x 32 in deep	32	Lean to fat clay red brown	1500	N/A	4.00		6	1
B	Bldg.G: 37 ft. from North of SW corner	12" wide. x 33 in deep	13" wide. x 30 in deep	30	Lean to fat clay brown	1500	N/A	3.00		6	1
B	Bldg.G: 26 ft. North of SE corner	12" wide. x 33 in deep	12" wide. x 30 in deep	30	Lean to fat clay brown	1500	N/A	3.00		6	1

Remarks

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

Undercuts / Repairs (due to soft soil conditions)

Legend:
A = Column Footing
B = Wall Footing
C = Wall Footing with Column Pads
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

Report No: RSI:03533809-43
Issue No: 1

Reinforcing Steel Observation 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

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
General Location: Mega storage Lee's Summit 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 Details (cont.)

Building/Unit No.
Elevation (ft):
Specific Location (grid lines): Perimeter footings for Bldg.G

Plans Used: ☐ Contract Drawings ☑ Approved Shop 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	Yes	**Bars properly tied and positioned**	Yes
Lap lengths as specified	Yes	**Bars properly supported on chairs,...**	N/A
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

Reference: D1 dated 9-9-22

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

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

Report No: FC:03533809-44
Issue No: 1

Concrete 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

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

Test Results

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

Set No.	Supplier	Mix	Design Strength (psi)
03533809-44-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
Sampled from Revolving Drum Truck Mixer (ASTM C 172, 5.2.3)

Remarks

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: CTR:03533809-44-C1
Issue No: 2
This report replaces all previous issues of this report signed on 09/13/2023

Concrete Test 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

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 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
Sample Location: Bldg L, NW corner
Curing Method: One day Field/Laboratory Cure
Field Sample No.:
Initial Cure Temp (°F) High:
Low:
Contractor: Freedom Concrete
Ticket no.: 25019595
Truck No.: 4781574
Sampled By: Kenneth Mathis
Weather: warm, clear

		Measured	Specified
Slump (in):	ASTM C 143	4	
Slump w/ plasticizer (in):		N/A	
Air Temp (°F):		82	
Concrete Temp (°F):	ASTM C 1064	84	
Air Content (%)	ASTM C 231	2.6	
Unit Weight (pcf):	ASTM C 138	N/A	
Volume of Density Measure (ft³):		N/A	

Batch Size (yd³): 10.0
Yd³ Placed: 20.0
Water Added (gal) Before: 20
After:
Time Batched: 13:58
Time Sampled: 14:55
Time Placed:
Time in Truck (mins):

Compressive Strength of Concrete Cylinders — ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)	Tested By
03533809-44-C1\1	09/13/23	7	3.99	8.06	12.50	U	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
03533809-44-C1\4	10/04/23	28	4.01	8.04	12.63	U	69730	2 SC	5520	Eric Behrens
03533809-44-C1\5		Hold				U		SC		

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.

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

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

Report No: RSI:03533809-45
Issue No: 1

Reinforcing Steel Observation 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

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

General Details

Date: 9/6/2023
Technician: Timothy Makarewicz
Weather:
General Location:

Location

- [x] 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

Plans Used: [x] Contract Drawings [ ] Approved Shop Drawings
Current Date and Revision/Submittal No. on Drawings: 9/9/22

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

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

Report No: FRL:03533809-45
Issue No: 1

Foundation 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

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

Foundation

Foundation I.D.		Footing Dimension [1]		Depth of Excavation from Ground Surface (in) [2]	Bearing Soil Type (Visual Classification – USCS)	Design Bearing Pressure (PSF)	Required Shear Strength From Design (TSF)	Spring Loaded Penetrometer Reading* (TSF)	Correlated Shear Strength (TSF)	Depth Below Footing (in)	Status
Type	Grid Location	Design	Actual								
B	Bldg L	3x1	3x1	36	Brn clay	1500	N/A	2.00		6	1
B	Bldg Q	3x1	3x1	36	Brn clay	1500	N/A	2.50		8	1

Remarks

Undercuts / Repairs (due to soft soil conditions)

Legend:
A = Column Footing
B = Wall Footing
C = Wall Footing with Column Pads
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

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

Foundation 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

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

General Details

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

Foundation

Foundation I.D.		Footing Dimension [1]		Depth of Excavation from Ground Surface (in) [2]	Bearing Soil Type (Visual Classification – USCS)	Design Bearing Pressure (PSF)	Required Shear Strength From Design (TSF)	Spring Loaded Penetrometer Reading* (TSF)	Correlated Shear Strength (TSF)	Depth Below Footing (in)	Status
Type	Grid Location	Design	Actual								
B	Bldg F: 13 ft. North of SE corner	12"	12"	27	Lean to Fat clay, Brown	1500	N/A	3.50		6	1
B	Bldg K: 6 ft. North of SE corner	12"	15"	27	Lean to Fat clay, Brown	1500	N/A	3.25		6	1
B	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

Remarks

Undercuts / Repairs (due to soft soil conditions)

Legend:
A = Column Footing
B = Wall Footing
C = Wall Footing with Column Pads
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

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

Reinforcing Steel Observation 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

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

General Details

Date: 9/7/2023 **Technician:** Alan Rau
Weather: Mild
General Location: Mega storage Lee's Summit

Location

☑ Footing ☐ Slab-On-Grade ☐ Elevated Slab ☐ Piers ☐ Columns
☐ Beam ☐ Pilaster ☐ Wall Panel ☐ Foundation Wall
☐ Other: Mega storage

General Details (cont.)

Building/Unit No. Bldg F, K and P
Elevation (ft):
Specific Location (grid lines): Perimeter footings Bldg. F, K and P

Plans Used: ☑ Contract Drawings ☐ Approved Shop Drawings
Current Date and Revision/Submittal No. on Drawings: 9-9-23

Drawing (page) and Detail Nos.: D1

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**	No

Non-Conformance Items

Description	Who Notified	How / Date Corrected
Water in footing	Contractor	Contractor pumping out water 9-7-23

Comments

Reference: D1 dated 9-9-23

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

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

Report No: FC:03533809-47
Issue No: 1

Concrete 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

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 & 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

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

Remarks

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: CTR:03533809-47-C1
Issue No: 2
This report replaces all previous issues of this report signed on 09/14/2023

Concrete Test 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

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 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
General Location: Footings for buildinigs F, K & P
Sample Location: Bldg F
Curing Method: One day Field/Laboratory Cure
Field Sample No.: **Initial Cure Temp (°F) High:** **Low:**
Contractor:
Ticket no.: 25863665 **Truck No.:** 4780633
Sampled By: Tyler Jordan
Weather: Clear

Specification: Mix Design

		Measured	Specified
Slump (in):	ASTM C 143	2	
Slump w/ plasticizer (in):		N/A	
Air Temp (°F):		81	
Concrete Temp (°F):	ASTM C 1064	86	
Air Content (%)	ASTM C 231	2.5	
Unit Weight (pcf):	ASTM C 138	N/A	
Volume of Density Measure (ft³):		N/A	

Batch Size (yd³): 10.0
Yd³ Placed: 40.0
Water Added (gal) Before:
After: 15

Time Batched: 12:28
Time Sampled: 13:35
Time Placed: 13:50
Time in Truck (mins): 82

Compressive Strength of Concrete Cylinders — ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)	Tested By
03533809-47-C1\1	09/14/23	7	4.01	8.10	12.63	U	58320	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
03533809-47-C1\4	10/05/23	28	4.02	8.05	12.69	U	81220	2 SC	6400	Ryan Long
03533809-47-C1\5		Hold				U		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.

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

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

Report No: CTR:03533809-47-C2
Issue No: 2
This report replaces all previous issues of this report signed on 09/15/2023

Concrete Test 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

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 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
General Location: Footings for buildinigs F, K & P
Sample Location: Bldg P
Curing Method: One day Field/Laboratory Cure
Field Sample No.: **Initial Cure Temp (°F) High:** **Low:**
Contractor:
Ticket no.: 25325352 **Truck No.:** 4782305
Sampled By: Tyler Jordan
Weather: Clear

Specification: Mix Design

		Measured	Specified
Slump (in):	ASTM C 143	3.25	
Slump w/ plasticizer (in):		N/A	
Air Temp (°F):		83	
Concrete Temp (°F):	ASTM C 1064	88	
Air Content (%)	ASTM C 231	3.0	
Unit Weight (pcf):	ASTM C 138	N/A	
Volume of Density Measure (ft³):		N/A	

Batch Size (yd³): 10.0
Yd³ Placed: 80.0
Water Added (gal) Before:
After:

Time Batched: 14:13
Time Sampled: 15:00
Time Placed: 15:15
Time in Truck (mins): 62

Compressive Strength of Concrete Cylinders — ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)	Tested By
03533809-47-C2\1	09/14/23	7	4.01	8.04	12.63	U	45100	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
03533809-47-C2\4	10/05/23	28	4.02	8.03	12.69	U	63650	2 SC	5010	Ryan Long
03533809-47-C2\5		Hold				U		SC		

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.

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

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

Report No: FC:03533809-48
Issue No: 1

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 9/8/2023
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)
03533809-48-C1	5	25863690	09:30	10:30	10.0	4.00	4.8	72	80

Location & Remarks

General Location: Remaining footings from yesterday's pour

Set No.	Location	Remarks
03533809-48-C1	Northeast corner of building K	Mix ID: GI40B1W4

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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: CTR:03533809-48-C1
Issue No: 2
This report replaces all previous issues of this report signed on 09/15/2023

Concrete Test 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

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

Mix Data

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

Sample Details

Date Sampled: 09/08/23 **Date Received:** 09/11/23
General Location: Remaining footings from yesterday's pour
Sample Location: Northeast corner of building K
Curing Method: Three day Field/Laboratory Cure
Field Sample No.: **Initial Cure Temp (°F) High:** **Low:**
Contractor:
Ticket no.: 25863690 **Truck No.:** 2304
Sampled By: Douglas Deering
Weather: Clear

Specification: Mix Design

		Measured	Specified
Slump (in):	ASTM C 143	4	3.00 to 5.00
Slump w/ plasticizer (in):		N/A	
Air Temp (°F):		72	
Concrete Temp (°F):	ASTM C 1064	80	
Air Content (%)	ASTM C 231	4.8	
Unit Weight (pcf):	ASTM C 138	N/A	
Volume of Density Measure (ft³):		N/A	

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

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

Compressive Strength of Concrete Cylinders — ASTM C 39

Specimen ID	Date Tested	Age (Days)	Diameter (in)	Length (in)	Area (in²)	Type of Cap	Maximum Load (lbf)	Fracture Type / Remarks	Compressive Strength (psi)	Tested By
03533809-48-C1\1	09/15/23	7	4.01	8.03	12.63	U	60800	5 SC	4810	Eric Behrens
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
03533809-48-C1\4	10/06/23	28	4.01	8.06	12.63	U	79860	2 SC	6320	Ryan Long
03533809-48-C1\5		Hold				U		SC		

Average 28 Day Compressive Strength (psi) 6150
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

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

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

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

Report No: SDFR:03533809-49
Issue No: 1

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

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 9/12/2023

Date: 9/11/2023

WEATHER:
TEMPERATURE RANGE: ºF TO ºF
PSI REPRESENTATIVE: Kenneth Mathis

TYPE OF INSPECTION BEING PERFORMED

SOILS
- ☐ FOUNDATIONS
- ☐ CONTROLLED FILL (COMPACTION)
- ☐

CONCRETE
- ☐ BATCH PLANT
- ☐ PLACEMENT (JOB SITE)
- ☑ SPECIMEN TRANSPORT
- ☐

ASPHALT
- ☐ BATCH PLANT
- ☐ PLACEMENT (JOB SITE)
- ☐

OTHER
- ☐
- ☐
- ☐

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.

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

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

Report No: FC:03533809-50
Issue No: 1

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 9/21/2023
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)
03533809-50-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	

Mix Data

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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: FC:03533809-52
Issue No: 1

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 9/26/2023
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)
03533809-52-C1	5	25326055	06:56	07:45	10.0	6.00	2.5	67	78
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: 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

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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: RSI:03533809-52
Issue No: 1

Reinforcing Steel Observation 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

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

General Details

Date: 9/26/2023
Technician: Douglas Deering
Weather: Clear
General Location: Building K

Location

- [x] Footing
- [x] Slab-On-Grade
- [ ] Elevated Slab
- [ ] Piers
- [ ] Columns
- [ ] Beam
- [ ] Pilaster
- [ ] Wall Panel
- [ ] Foundation Wall
- [ ] Other:

General Details (cont.)

Building/Unit No. K
Elevation (ft):
Specific Location (grid lines): Building K slab

Plans Used:
- [x] Contract Drawings
- [ ] Approved Shop Drawings

Current Date and Revision/Submittal No. on Drawings: 09.09.22

Drawing (page) and Detail Nos.: F2

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

Report No: FRL:03533809-53
Issue No: 1

Foundation 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

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

General Details

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

Foundation

Foundation I.D.		Footing Dimension [1]		Depth of Excavation from Ground Surface (in) [2]	Bearing Soil Type (Visual Classification – USCS)	Design Bearing Pressure (PSF)	Required Shear Strength From Design (TSF)	Spring Loaded Penetrometer Reading* (TSF)	Correlated Shear Strength (TSF)	Depth Below Footing (in)	Status
Type	Grid Location	Design	Actual								
B	Perimeter Footings Building R	12 x 24	12 x 25	24	Brownish red clay	1500	N/A	3.00		6	1

Remarks

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.

Undercuts / Repairs (due to soft soil conditions)

Legend:
A = Column Footing
B = Wall Footing
C = Wall Footing with Column Pads
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

Report No: FC:03533809-54
Issue No: 1

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 9/27/2023
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)
03533809-54-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	Remarks
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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: RSI:03533809-54
Issue No: 1

Reinforcing Steel Observation 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

Approved Signatory: William Odell (Senior Project Manager)
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 ☐ Elevated Slab ☐ Piers ☐ Columns
☐ Beam ☐ Pilaster ☐ Wall Panel ☐ Foundation Wall
☐ Other: Building P

General Details (cont.)

Building/Unit No.
Elevation (ft):
Specific Location (grid lines): No grid lines (entire pad) fiber mesh rebar

Plans Used: ☐ Contract Drawings ☐ Approved Shop Drawings
Current Date and Revision/Submittal No. on Drawings: 09.09.22

Drawing (page) and Detail Nos.: F3

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

Report No: FC:03533809-55
Issue No: 1

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 9/27/2023
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)
03533809-55-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	

Mix Data

Set No.	Supplier	Mix	Design Strength (psi)
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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

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

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 9/28/2023
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)
03533809-56-C1	5	25864089	06:59	07:45	10.0	5.50	2.0	68	79

Location & Remarks

General Location: Interior flooring building K

Set No.	Location	Remarks
03533809-56-C1	Northeast corner of building pad	

Mix Data

Set No.	Supplier	Mix	Design Strength (psi)
03533809-56-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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

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

Reinforcing Steel Observation 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

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

General Details

Date: 9/28/2023
Technician: Douglas Deering
Weather: Clear
General Location: Building K

Location

☐ Footing ☑ Slab-On-Grade ☐ Elevated Slab ☐ Piers ☐ Columns
☐ Beam ☐ Pilaster ☐ Wall Panel ☐ Foundation Wall
☐ Other: Interior Floor

General Details (cont.)

Building/Unit No. Building K
Elevation (ft):
Specific Location (grid lines):

Plans Used: ☐ Contract Drawings ☐ Approved Shop Drawings
Current Date and Revision/Submittal No. on Drawings: 09.09.22

Drawing (page) and Detail Nos.: F2

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

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

Foundation 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

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

Foundation I.D.		Footing Dimension [1]		Depth of Excavation from Ground Surface (in) [2]	Bearing Soil Type (Visual Classification – USCS)	Design Bearing Pressure (PSF)	Required Shear Strength From Design (TSF)	Spring Loaded Penetrometer Reading* (TSF)	Correlated Shear Strength (TSF)	Depth Below Footing (in)	Status
Type	Grid Location	Design	Actual								
B	Bldg T & U	12 x 24	12 x 24	24	Red/brown clay	1500	N/A	3.00			1

Remarks

Undercuts / Repairs (due to soft soil conditions)

Legend:
A = Column Footing
B = Wall Footing
C = Wall Footing with Column Pads
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

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

Reinforcing Steel Observation 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

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

General Details

Date: 9/28/2023 **Technician:** Douglas Deering
Weather: Clear
General Location: Building T & U

Location

☑ Footing ☐ Slab-On-Grade ☐ Elevated Slab ☐ Piers ☐ Columns
☐ Beam ☐ Pilaster ☐ Wall Panel ☐ Foundation Wall
☐ Other: Building T&U

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	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

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

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 9/28/2023
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)
03533809-57-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	

Mix 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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: FC:03533809-59
Issue No: 1

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 10/3/2023
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)
03533809-59-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	

Mix Data

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

Remarks

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: RSI:03533809-59
Issue No: 1

Reinforcing Steel Observation 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

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

General Details

Date: 10/3/2023
Technician: Douglas Deering
Weather: Clear
General Location: Building F

Location

☐ Footing ☑ Slab-On-Grade ☐ Elevated Slab ☐ Piers ☐ Columns
☐ Beam ☐ Pilaster ☐ Wall Panel ☐ Foundation Wall
☐ Other: Interior Flooring

General Details (cont.)

Building/Unit No. Building F
Elevation (ft):
Specific Location (grid lines):

Plans Used: ☐ Contract Drawings ☐ Approved Shop Drawings
Current Date and Revision/Submittal No. on Drawings: 09.09.22

Drawing (page) and Detail Nos.: F1

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

Report No: RSI:03533809-60
Issue No: 1

Reinforcing Steel Observation 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

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

General Details

Date: 10/4/2023
Technician: Douglas Deering
Weather: Clear
General Location: Building S

Location

☐ Footing ☑ Slab-On-Grade ☐ Elevated Slab ☐ Piers ☐ Columns
☐ Beam ☐ Pilaster ☐ Wall Panel ☐ Foundation Wall
☐ Other: Interior floors

General Details (cont.)

Building/Unit No. Building S
Elevation (ft):
Specific Location (grid lines):

Plans Used: ☐ Contract Drawings ☐ Approved Shop Drawings
Current Date and Revision/Submittal No. on Drawings: 02.27.23

Drawing (page) and Detail Nos.: F8

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

Report No: FC:03533809-60
Issue No: 1

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 10/4/2023
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)
03533809-60-C1	5	25864217	07:19	08:30	10.0	4.00	1.8	65	79

Location & Remarks

General Location: Building S interior flooring

Set No.	Location	Remarks
03533809-60-C1	Northeast corner of building S slab	

Mix Data

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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: FC:03533809-61
Issue No: 1

Concrete 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

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

General Field Data

Technician: Douglas Deering
Test Date: 10/5/2023
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)
03533809-61-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.	Location	Remarks
03533809-61-C1	Northeast corner of building R	

Mix Data

Set No.	Supplier	Mix	Design Strength (psi)
03533809-61-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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

Report No: RSI:03533809-61
Issue No: 1

Reinforcing Steel Observation 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

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

General Details

Date: 10/5/2023 **Technician:** Douglas Deering
Weather: Clear
General Location: Building R interior Floor

Location

☐ Footing ☑ Slab-On-Grade ☐ Elevated Slab ☐ Piers ☐ Columns
☐ Beam ☐ Pilaster ☐ Wall Panel ☐ Foundation Wall
☐ Other: Interior Floor Fiber Mesh Rebar

General Details (cont.)

Building/Unit No. Building R
Elevation (ft):
Specific Location (grid lines):

Plans Used: ☑ Contract Drawings ☐ Approved Shop Drawings
Current Date and Revision/Submittal No. on Drawings: 02.27.23

Drawing (page) and Detail Nos.: F6

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

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

Concrete 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

Approved Signatory: William Odell (Senior Project Manager)
Date of Issue: 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 & 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

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

Marks: SC = Condition Satisfactory upon retrieval.

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

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

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

Reinforcing Steel Observation 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

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

General Details

Date: 10/10/2023 **Technician:** Douglas Deering
Weather: Clear
General Location: Interior Floor buildings U & T

Location

☐ Footing ☑ Slab-On-Grade ☐ Elevated Slab ☐ Piers ☐ Columns
☐ Beam ☐ Pilaster ☐ Wall Panel ☐ Foundation Wall
☐ Other: Interior Floor

General Details (cont.)

Building/Unit No. U&T
Elevation (ft):
Specific Location (grid lines): Entire slab for both buildings

Plans Used: ☐ Contract Drawings ☐ Approved Shop Drawings
Current Date and Revision/Submittal No. on Drawings: 02.27.23

Drawing (page) and Detail Nos.: F9 / F10

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