



# UNIVERSAL ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Sciences  
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Building Inspection • Plan Review • Building Code Administration

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- Rockledge
- Sarasota
- St. Petersburg
- Tampa
- Tifton
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June 18, 2022

City of Lake City  
205 N. Marion Ave.  
Lake City, FL 32055

Threshold Summary Report No. 1  
**Marriott Courtyard**  
3004 W US HWY 90, Lake City, FL  
Project No.: 0215.2200013.0000 Report No.: 1963115

Dear Mr. Crews:

Attached are daily reports for the above referenced project for month ending May 2022.

Reports Dated: May 4, 9, 13, 16, 18, 23, 24, 25 and 26, 2022

Please contact us if you have any questions or desire additional information.

Sincerely,

Keith L. Butts, P.E.  
Regional Manager  
Florida Registration No. 53986

THOMAS SPUTO

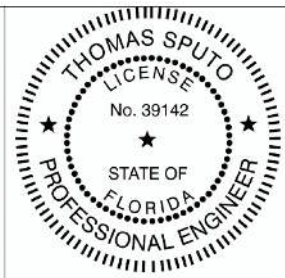
Digitally signed by THOMAS  
SPUTO

Date: 2022.07.08 10:19:27 -04'00'

Thomas Sputo, Ph.D., P.E.  
FL Registration No. 39142  
Special Inspector No. 1037

cc:  
troy\_crews@columbiacountyfla.com  
tgray@gray-construction.com  
jgray@gray-construction.com  
Sputo and Lammert Engineering, LLC

This item has been electronically signed and sealed by Thomas Sputo, P.E. (FL PE 39142) on 8 July 2022. Printed copies of this document are not considered signed and sealed. This digital signature must be verified on any electronic copies. Sputo and Lammert Engineering, LLC, 1731 NW 6th St, Suite D, Gainesville FL 32609 (FL CA 6855)



**UNIVERSAL ENGINEERING SCIENCES, LLC.**  
**SPECIAL INSPECTION DEFICIENCY LOG**

Client: City of Lake City 205 N. Marion Ave. Lake City, FL 32055	Project Name: Marriott Courtyard 3004 W US HWY 90, Lake City, FL Project No.: 0215.2200013.0000	Threshold Inspector: Tom Sputo, Ph.D., P.E. Threshold Agents: Keith L. Butts, P.E. Stephen Thomas, P.E. Marshall McElroy Thomas McCarthy Jim Brewer
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SIL No.	Date	Item	Location	Description	1	Final Disposition	2	Date
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

4475 Southwest 35th Terrace, Gainesville, FL 32608 - P: 352.372.3392 - F: 352.336.7914

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/04/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing both vertical and horizontal reinforcing steel for the stairwell area at G and H and 2 and 3, the isolated column footing at approximately 6.8 and A, and continuous and integrated column footings at grid A from 3 to 5.4 and on 5.4 from A to C.

Reinforcing steel was observed for bar size, quantity, length, laps, ties, bends, spacing, and clearance.

Reinforcing steel was observed installed in general conformance with the details of the project drawings.

*This test was performed without deviation from ASTM procedures.*

*This report shall not be reproduced, except in full, without the written approval of Universal Engineering Sciences.*

4475 Southwest 35th Terrace, Gainesville, FL 32608 - P: 352.372.3392 - F: 352.336.7914

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/04/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing concrete placement for the stairwell at G and H and 2 and 3, the isolated column footing at 6.8 and A, and the continuous and integrated column footings at grid A.

Concrete was observed to be of the approved mix design.

Mix 30050, 3,000 psi, Truck 4236, Slump 4 inches

Concrete was observed to be placed within the specified slump tolerance per the project specifications.

Contractor was observed utilizing a mechanical vibrator to consolidate concrete during placement.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/09/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing both vertical and horizontal reinforcing steel for continuous and integrated column footings at C.2 from 2 to 2.8, at E from 2 to 2.8, and along 3 from G to E.

Reinforcing steel was observed for bar size, quantity, length, laps, ties, bends, spacing, and clearance.

Reinforcing steel was observed installed in general conformance with the details of the project drawings.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/13/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing both vertical and horizontal reinforcing steel for continuous and integrated column footing close to line 3 and between A and C.

Reinforcing steel was observed for bar size, quantity, length, laps, ties, bends, spacing, and clearance.

Reinforcing steel was observed installed in general conformance with the details of the project drawings.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/16/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing both vertical and horizontal reinforcing steel for CMU columns, 4- CC3 columns on line B between 6 and 7; 2- CC1 columns on 3 and between G and F; 2- CC1 columns on 2.8 between C and A; and 1- CC2 column on 13 close to F.1.

Bond beam reinforcement was observed on A, C.2, E, G, H, all between 2 and 2.8 and on 2 between G and H and on 3 from A to H.

Bond beam reinforcement was observed past the storefront on G.2 from 8 to 10, on 9.1 west to the CMU corner, then north to the corner. Finally, bond beam reinforcement was observed on 13 from G.2 to E.5.

Vertical bars were observed for spacing and size. Cleanouts were observed at each vertical bar and tied to the footing dowels and free of debris.

Reinforcing steel was observed for bar size, quantity, length, laps, ties, bends, spacing, and clearance.

Reinforcing steel was observed installed in general conformance with the details of the project drawings.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/18/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing grout placement for CMU, 1st lift, on lines A, C, E, 2.8 (approximately), G, H, 3, and G.2 (approximately).

CMU cells were observed to be clean and free of debris prior to grout.

All cells were filled solid with grout.

Contractor was observed utilizing a mechanical vibrator to consolidate grout during placement.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/23/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing both vertical and horizontal reinforcing steel for the first lift rebar from 3 to 4.5 on G.9 and from A to C.3 on 2.8.

2nd lift rebar, double knock-out bond beam was observed on:

A, 2 to 2.8;  
C.3, 2 to 2.8;  
E, 2 to 2.8;  
G, 2 to 2.8;  
2, from G to H;  
H from 2 to 3;  
3 from H to D.7;  
D.7 from G to 2.7; and  
3 below A for approximately 5 feet.

Reinforcing steel was observed for bar size, quantity, length, laps, ties, bends, spacing, and clearance.

Reinforcing steel was observed installed in general conformance with the details of the project drawings.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/23/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing grout placement for CMU, 2nd lift at A, C.3, 2, E, 2.8, G, H, 3, and 2.7.

CMU cells were observed to be clean and free of debris prior to grout.

Reinforcing cells were observed to be filled solid with grout.

Contractor was observed utilizing a mechanical vibrator to consolidate grout during placement.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/24/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing concrete placement for columns, 1st to 2nd level, 4-CC-3 columns between 6 and 7 on approximately B.5, and columns at 3F, 13F, and on B from 6 to 7.

Concrete was observed to be of the approved mix design.

Mix 40050, 4,000 psi, Truck 4025, Slump 4 inches

Concrete was observed to be placed within the specified slump tolerance per the project specifications.

Contractor was observed utilizing a mechanical vibrator to consolidate concrete during placement.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/25/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing both vertical and horizontal reinforcing steel for CMU on line H beginning at 3 and continuing on H to where it transitions to G.8 by a short section of north south CMU wall, then continuing on G.8 to 5.5. On G.8 beginning at 8 to 13 and on 9.2 beginning at G.9 south to the corner, and then west to 11.8, H line from 9 to 12 and 11.8 from H to G, ending on 13 line from H to the transition to 12 line and around the stairwell.

Reinforcing steel was observed for bar size, quantity, length, laps, ties, bends, spacing, and clearance.

Reinforcing steel was observed installed in general conformance with the details of the project drawings.

The top two courses were observed to be double knock-out bond beam with on (1) #5 bar continuous.

Truss ladder type shear reinforcement was observed installed.

Bar spacers were observed installed.

*This test was performed without deviation from ASTM procedures.*

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## Inspection Report

**Client:** Oasis of Lake City, LLC  
404 NW Hall of Fame Drive  
Lake City, FL 32055

**Project:** Marriott Courtyard, BID  
3004 W US Hwy 90, Lake City, Columbia County, FL 32055

**Date of Activity:** 05/26/2022

**Technician:** Stephen Thomas, PE

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As Requested, a Universal Engineering Sciences Inspector was present at the above referenced location for the purpose of observing both vertical and horizontal reinforcing steel for CMU wall, second lift at line 11, short wing wall off the stairwell on 5.5 beginning at A to B5, and on line 11.8 over the opening.

Reinforcing steel was observed for bar size, quantity, length, laps, ties, bends, spacing, and clearance.

Reinforcing steel was observed installed in general conformance with the details of the project drawings.

*This test was performed without deviation from ASTM procedures.*

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