



Macon-Bibb County Government
Procurement Department
City Hall
700 Poplar Street, Suite 308
Macon, Georgia 31201
(478) 803-0550

Laura Hardwick
Director of Procurement

July 10, 2025

ADDENDUM # 3

To: ALL PROSPECTIVE FIRMS

Re: INVITATION FOR BIDS: 25-052-LH, Developer for Hotel and Convention Center at 108 First Street
(former hotel site)

The Invitation for Bids, referenced above, is modified as follows:

1. Compaction Testing Document (attachment)

Please incorporate this change into the Invitation for Bid and acknowledge receipt of this addendum on your bid form.

Sincerely,

Laura Hardwick



514 Hillcrest Industrial Blvd.
Macon, Georgia 31204
P (478) 757-1606
F (478) 757-1608
Terracon.com

July 10, 2025

Macon-Bibb County GA
PO 247
Macon, GA 31201

Attn: Mr. Clay Murphey
E: clay.murphey@cox.net

Re: Construction Materials Testing/ Special Inspections (**Compaction Testing**)
108 First Street
Macon, Georgia
Terracon Proposal Number: HN251056

Dear Mr. Murphey:

Terracon Consultants, Inc. (Terracon) is pleased to present this final package for Construction Materials Testing /Special Inspection during the fill placement and compaction testing at the 108 First Street project located in Macon Georgia.

The work started on started on March 14, 2025, when we visited the site to obtain Proctors samples of the material to be placed. The area was proof rolled prior to fill placement and found to be suitable for fill placement. Density testing was performed on the backfill placed on an on call basis. All density tests taken met the compaction requirements. Terracon performed the final density testing at the site on April 16, 2025.

The testing at the site was found to be in general compliance with specifications and is acceptable for new construction.

Terracon sincerely appreciates the opportunity to provide our services during construction.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Zain Bilfaqui', with a stylized flourish at the end.

Zain Bilfaqui
Assistant Project Manager

A handwritten signature in black ink, appearing to read 'Jerry B. Williams', with a stylized flourish at the end.

Jerry B. Williams
Department Manager II

Attachments: Lab and density testing reports

SAMPLE PICK-UP REPORT

Report Number: HN251056.0001
Service Date: 03/14/25
Report Date: 03/17/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Sample Information

Terracon was requested to perform a sample pickup of the following materials:

Material Type/ Description	Source	Sample Location	Sample Type	Sampling Procedure	Proposed Use
Soil -Brown red gray m-f sandy silt clay	Imported from off-site	Western side of job	Bulk	Contractor provided	Structural

Sample Delivery

Samples were obtained and delivered to a Terracon laboratory on 3/14/2025 for testing as requested.

Services:

Terracon Rep.: Cauby Beach

Reported To:

Contractor:

Report Distribution:

(1) Macon-Bibb County GA, Clay
Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: HN251056.0001A
Service Date: 03/14/25
Report Date: 03/19/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Source of Material: Off site Borrow
Proposed Use: Structural

Sample Information

Sample Date: 03/14/25
Sampled By: Cauby Beach
Sample Location: Borrow

Sample Description: Tan brown clayey c-f SAND

Laboratory Test Data

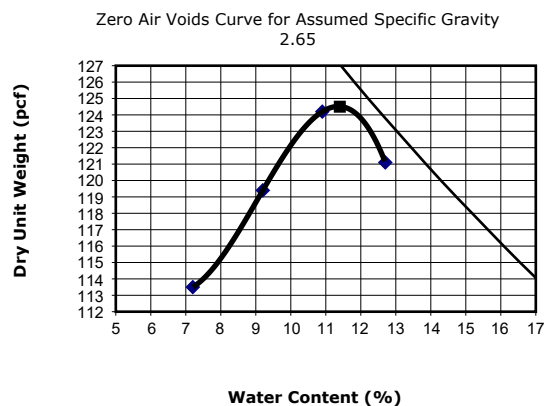
Test Procedure: ASTM D698
Test Method: Method A
Sample Preparation: Dry
Rammer Type: Manual
Maximum Dry Unit Weight (pcf): 124.5
Optimum Water Content (%): 11.4

Result

Specifications

Liquid Limit:
Plastic Limit:
Plasticity Index:
In-Place Moisture (%):
Passing #200 (%): 23.7

USCS:



Comments:

Services:

Terracon Rep.: Cauby Beach

Reported To:

Contractor: Target

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Tracy Barfield
Laboratory Manager

Test Methods: ASTM D698, ASTM D4647

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

PARTICLE SIZE DISTRIBUTION REPORT

Report Number: HN251056.0001B
Service Date: 03/14/25
Report Date: 03/19/25
Task: Earthwork Monitoring & Testing

Terracon
514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Sample Information

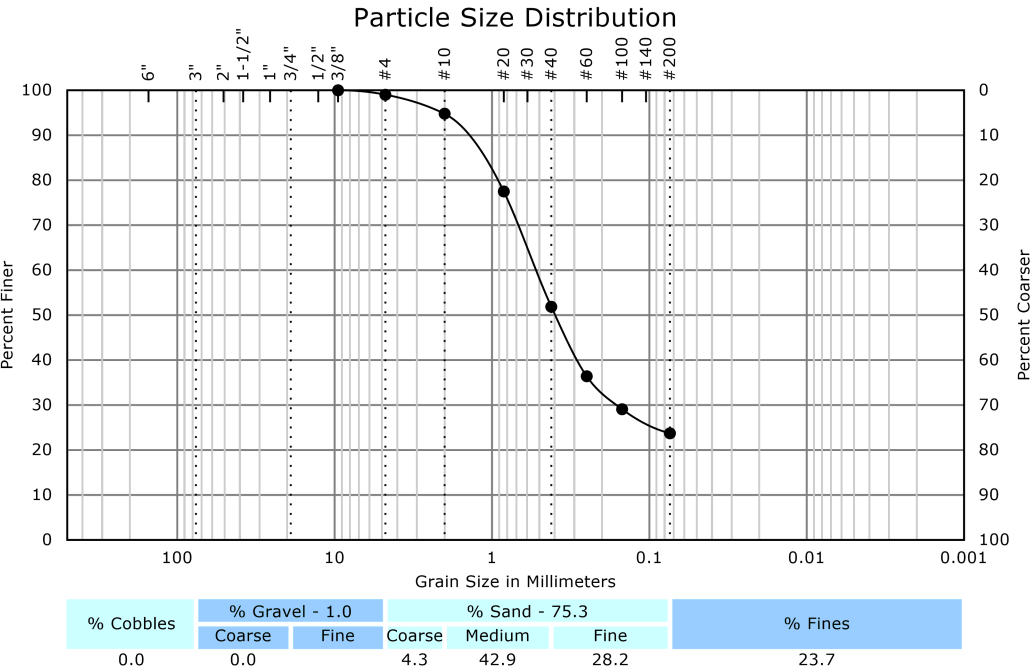
Sample Type: Bulk
Sample Location: From Off site Borrow
Sample Description: Tan brown clayey c-f SAND

Laboratory Test Data

Test Method: ASTM D6913
Method: A
Atterberg Limits:
Sample Preparation: As Received
Sieving Method: Single Sieve-Set Sieving

Sieve Size	Percent Finer	Spec.*	Pass (X=Fail)
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3/8"	100
#4	99
#10	95
#20	77
#40	52
#60	36
#100	29
#200	23.7



*	$D_{60} = 0.53$	$D_{30} = 0.16$	$D_{10} =$	$C_c =$	$C_u =$	FM =
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Comments:

Services:

Terracon Rep.: Cauby Beach
Reported To:
Contractor: Target
Report Distribution:

Reviewed By:

Tracy Barfield
Tracy Barfield
Laboratory Manager

Test

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: HN251056.0001C
Service Date: 03/14/25
Report Date: 03/19/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Source of Material: Off site Borrow
Proposed Use: Structural

Sample Information

Sample Date: 03/14/25
Sampled By: Cauby Beach
Sample Location: Borrow

Sample Description: Gray c-f SAND with clay

Laboratory Test Data

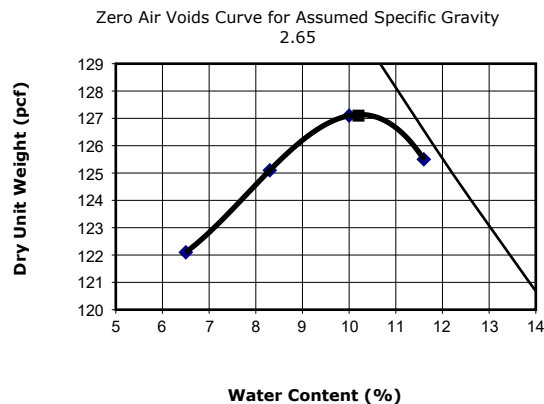
Test Procedure: ASTM D698
Test Method: Method B
Sample Preparation: Wet
Rammer Type: Manual
Maximum Dry Unit Weight (pcf): 127.1
Optimum Water Content (%): 10.2

Result

Specifications

Liquid Limit:
Plastic Limit:
Plasticity Index:
In-Place Moisture (%):
Passing #200 (%): 21.9

USCS:



Comments:

Services:

Terracon Rep.: Cauby Beach

Reported To:

Contractor: Target

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Tracy Barfield
Laboratory Manager

Test Methods: ASTM D698, ASTM D4647

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

PARTICLE SIZE DISTRIBUTION REPORT

Report Number: HN251056.0001D
Service Date: 03/14/25
Report Date: 03/19/25
Task: Earthwork Monitoring & Testing

Terracon
514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

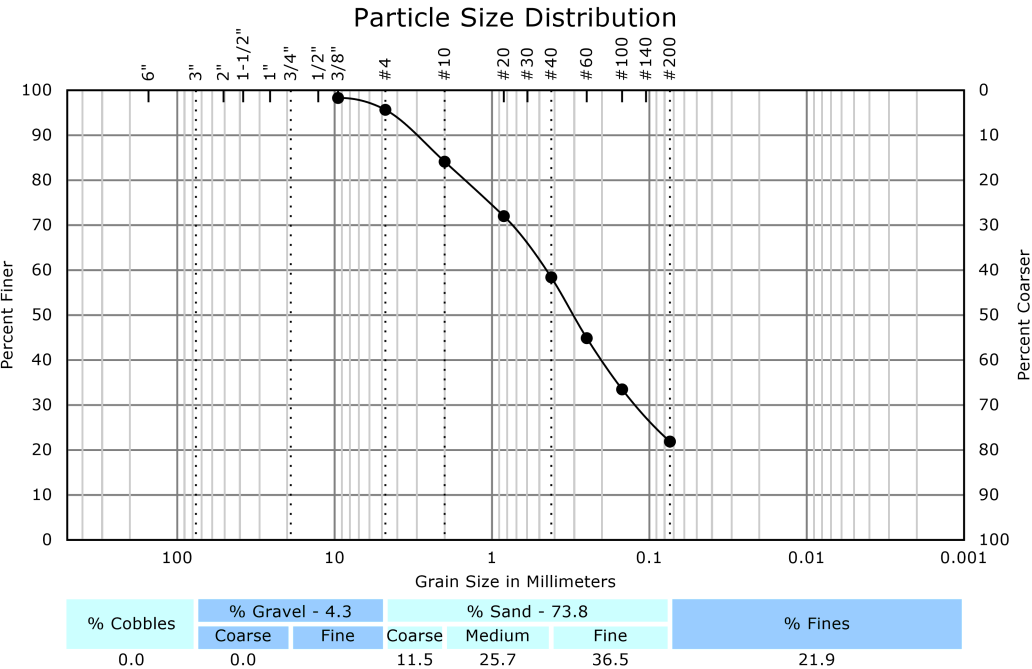
Sample Information

Sample Type: Bulk
Sample Location: Borrow
Sample Description: Gray c-f SAND with clay

Laboratory Test Data

Test Method: ASTM D6913
Method: A
Atterberg Limits:
Sample Preparation: As Received
Sieving Method: Single Sieve-Set Sieving

Sieve Size	Percent Finer	Spec.*	Pass (X=Fail)
3/8"	98		
#4	96		
#10	84		
#20	72		
#40	58		
#60	45		
#100	34		
#200	21.9		



*	D ₆₀ = 0.45	D ₃₀ = 0.12	D ₁₀ =	C _c =	C _u =	FM =
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Comments:

Services:

Terracon Rep.: Cauby Beach
Reported To:
Contractor: Target
Report Distribution:

Reviewed By:

Tracy Barfield
Tracy Barfield
Laboratory Manager

Test

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0002
Service Date: 03/17/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 11/24/2024.

Observed Locations

Southwest wing backfill

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f SAND	Imported from Borrow pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Four field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0002
Service Date: 03/17/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Southwest wing									
1	32.84024° N, 83.62788° W	7ft below	1	6	132.5	14.0	11.8	118.5	95.2
2	32.84024° N, 83.62788° W	7ft below	1	6	132.5	13.7	11.5	118.8	95.4
3	32.84017° N, 83.62804° W	6ft below	1	6	134.1	15.2	12.8	118.9	95.5
4	32.84023° N, 83.62805° W	6ft below	1	6	133.0	14.4	12.1	118.6	95.3

Datum: Other - See comments

S/N: 73313

Make: Troxler

Model: 3430P

Std. Cnt. M: 669 Std. Cnt. D: 2484

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

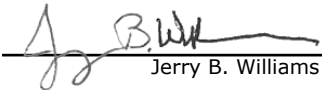
Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0003
Service Date: 03/18/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 11/24/2024.

Observed Locations

Southwest wing backfill

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f SAND	Imported from Borrow pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Four field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0003
Service Date: 03/18/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Southwest wing									
1	32.84018° N, 83.62800° W	5ft below	1	8	137.5	14.6	11.9	122.9	98.7
2	32.84009° N, 83.62788° W	5ft below	1	8	139.0	13.8	11.0	125.2	100+
3	32.84021° N, 83.62804° W	4ft below	1	8	147.1	21.9	17.5	125.2	100+
4	32.84011° N, 83.62793° W	4ft below	1	8	136.2	14.7	12.1	121.5	97.6

Datum: Other - See comments

S/N: 73313

Make: Troxler

Model: 3430P

Std. Cnt. M: 669 Std. Cnt. D: 2484

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

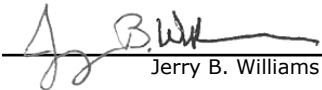
Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0004
Service Date: 03/18/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: NA.

Observed Locations

Fill Southwest of site

Subgrade Review

Prior to the placement of fill the subgrade was reviewed and consisted of previously tested fill. The subgrade was observed to be firm and stable.

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey sand	Imported from Borrow pit

The fill was observed to be placed in approximately 12-inch thick lifts. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Three field density tests were performed. The test results met the minimum specified 98% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Clay Mathis

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay
Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0004
Service Date: 03/18/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Fill at Southwest side of site									
1	(32.8402088, -83.6280655)	-3'	1	6	137.0	15.8	13.0	121.2	97.3
2	(32.8400576, -83.6279209)	-5'	1	6	137.4	18.0	15.1	119.4	95.9
3	(32.8401683, -83.6278429)	-2'	1	6	136.8	16.2	13.4	120.6	96.9

Datum: Final grade

S/N: 73293

Make: Troxler

Model: 3430P

Std. Cnt. M: 682 Std. Cnt. D: 2690

Last Cal. Date: 10/30/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

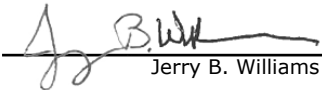
Terracon Rep.: Clay Mathis

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Photo Log

Report Number: HN251056.0004
Service Date: 03/18/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606



(P1) Fill at SW side of site

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0005
Service Date: 03/19/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 11/24/2024.

Observed Locations

Southwest wing backfill

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f SAND	Imported from Borrow pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Four field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0005
Service Date: 03/19/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0
2	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Southwest wing									
1	32.84022° N, 83.62810° W	2ft below	1	8	138.2	15.8	12.9	122.4	98.3
2	32.84017° N, 83.62798° W	2ft below	1	8	137.6	14.2	11.5	123.4	99.1
3	32.84021° N, 83.62808° W	1ft below	2	8	143.9	16.4	12.9	127.5	100+
4	32.84005° N, 83.62781° W	2ft below	1	8	144.9	16.8	13.1	128.1	100+

Datum: Other - See comments

Std. Cnt. M: 669 Std. Cnt. D: 2484

S/N: 73313 Make: Troxler

Model: 3430P

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

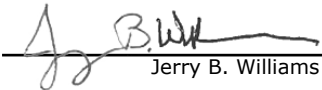
Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0006
Service Date: 03/19/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Civil.

Observed Locations

Pad area in the SW corner of site.

Subgrade Review

Prior to the placement of fill the subgrade was reviewed and consisted of previously tested fill. The subgrade was observed to be firm and stable.

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown C-f sand.	Imported from Off- site borrow pit.

The fill was observed to be placed in approximately 8-inch thick lifts. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Two field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Mike Marchant

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay
Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0006
Service Date: 03/19/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

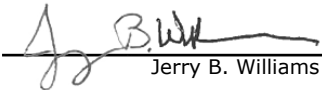
Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Pad area									
1	N 32.84045 W -83.62781	-2' BSG	1	8	135.6	15.8	13.2	119.8	96.2
Pad area									
2	N 32.84049 W-83.62784	-2' BSG	1	8	137.4	17.2	14.3	120.2	96.5

Datum: Final grade
S/N: 87555 Make: Troxler Model: 3440P
Std. Cnt. M: 692 Std. Cnt. D: 2301
Last Cal. Date: 10/30/2024
Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Mike Marchant
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

Reviewed By: 
Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Photo Log

Report Number: HN251056.0006
Service Date: 03/19/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606



(P1) Roller used



(P2) Area fill was placed

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0007
Service Date: 03/20/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Civil plans.

Observed Locations

Future development area

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.1000A	Tan brown clayey c-f SAND	Imported from Offsite
Structural Fill	HN251056.0001C	Gray c-f SAND with clay and fine gravel	Imported from Offsite

The fill was observed to be placed in approximately 12-inch thick lifts. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Nine field density tests were performed. The test results met the minimum specified 95 % compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Grady Evrard

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0007
Service Date: 03/20/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0
2	HN251056.0001C	Gray c-f SAND with clay	ASTM D698	10.2	127.1		Min 95.0

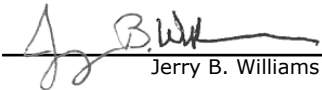
Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Future development area									
1	LAT: 32.84031 LON: -83.62807	-1'	1	6	135.3	16.9	14.3	118.4	95.1
2	LAT: 32.83996 LON: -83.62776	-1'	1	6	135.3	16.6	14.0	118.7	95.3
3	LAT: 32.84015 LON: -83.62789	-2'	1	6	133.8	15.5	13.1	118.3	95.0
4	LAT: 32.84055 LON: -83.62787	-1'	2	6	138.0	17.3	14.3	120.7	95.0
5	LAT: 32.84079 LON: -83.62768	-5'	2	6	135.6	10.3	8.2	125.3	98.6
6	LAT: 32.84016 LON: -83.62789	-2'	1	6	133.2	14.9	12.6	118.3	95.0
7	LAT: 32.84040 LON: -83.62797	SG	1	6	135.4	16.7	14.1	118.7	95.3
8	LAT: 32.84074 LON: -83.62763	-4'	1	6	135.0	16.5	13.9	118.5	95.2
9	LAT: 32.84061 LON: -83.62771	-1'	1	6	134.4	12.2	10.0	122.2	98.2

Datum: Final grade
S/N: 35795 Make: Troxler Model: 3430
Std. Cnt. M: 674 Std. Cnt. D: 1760
Last Cal. Date: 10/29/2024
Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Grady Evrard
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Photo Log

Report Number: HN251056.0007
Service Date: 03/20/25
Report Date: 03/21/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606



(P1) Placing fill.



(P2) Compacting fill.

CANCELLED SERVICE REPORT

Report Number: HN251056.0008
Service Date: 03/21/25
Report Date: 03/24/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Cancellation Information

A Terracon Consultants, Inc. (Terracon) field representative was dispatched for field density testing as requested by Jorge Perez. Upon our arrival on-site Jorge Perez informed our representative that our services were not needed on this date due to equipment breakdown.

Services:

Terracon Rep.: Ervin Williams

Reported To:

Contractor:

Report Distribution:

(1) Macon-Bibb County GA, Clay
Murphey

Reviewed By:

A handwritten signature in black ink, appearing to read 'J B Williams', is written over a horizontal line.

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0010
Service Date: 03/25/25
Report Date: 03/26/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 07/24/2024.

Observed Locations

West wing backfill

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	an brown clayey c-f SAND	Imported from Offsite borrow pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Six field density tests were performed. The test results met the minimum specified 98% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0010
Service Date: 03/25/25
Report Date: 03/26/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 98.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
West wing									
1	32.84015° N, 83.62778° W	2ft below	1	8	138.6	16.5	13.5	122.1	98.1
2	32.84013° N, 83.62767° W	2ft below	1	8	137.9	14.7	11.9	123.2	99.0
3	32.84009° N, 83.62773° W	1ft below	1	8	137.9	14.9	12.1	123.0	98.8
4	32.84017° N, 83.62781° W	1ft below	1	8	139.8	15.6	12.6	124.2	99.8
5	32.84027° N, 83.62789° W	Grade	1	8	138.9	16.4	13.4	122.5	98.4
6	32.84020° N, 83.62803° W	Grade	1	8	138.2	15.0	12.2	123.2	99.0

Datum: Other - See comments

Std. Cnt. M: 669 Std. Cnt. D: 2487

S/N: 73313 Make: Troxler

Model: 3430P

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

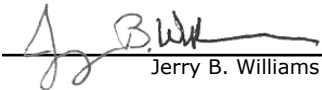
Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0011
Service Date: 03/26/25
Report Date: 03/26/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 07/22/2024.

Observed Locations

West wing backfill

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f SAND	Imported from pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Three field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0011
Service Date: 03/26/25
Report Date: 03/26/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
West wing									
1	32.84019° N, 83.62769° W	2ft below	1	6	136.9	14.0	11.4	122.9	98.7
2	32.84036° N, 83.62773° W	3ft below	1	6	136.8	15.2	12.5	121.6	97.7
3	32.84017° N, 83.62759° W	2ft below	1	6	138.1	15.9	13.0	122.2	98.2

Datum: Other - See comments

Std. Cnt. M: 669 Std. Cnt. D: 2787

S/N: 73313 Make: Troxler

Model: 3430P

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

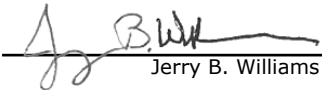
Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0012
Service Date: 03/27/25
Report Date: 03/30/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 07/22/2024.

Observed Locations

West wing, middle of elevator pad, and northwest section

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f SAND	Imported from Imported from pit
Structural Fill	HN2510560001C	Gray c-f SAND with clay	Imported from Imported from pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Three field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0012
Service Date: 03/27/25
Report Date: 03/30/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

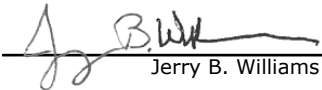
Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001C	Gray c-f SAND with clay	ASTM D698	10.2	127.1		Min 95.0
2	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Middle of elevator pad									
1	32.84067° N, 83.62754° W	3ft below	1	6	135.1	13.2	10.8	121.9	95.9
West wing									
2	32.84000° N, 83.62768° W	Grade	2	6	136.1	14.0	11.5	122.1	98.1
Northwest section									
3	32.84076° N, 83.62767° W	2ft below	2	6	138.4	15.9	13.0	122.5	98.4

Datum: Other - See comments
S/N: 73313 Make: Troxler Model: 3430P
Std. Cnt. M: 669 Std. Cnt. D: 2784
Last Cal. Date: 10/29/2024
Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Ervin Williams
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

Reviewed By: 
Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0013
Service Date: 03/28/25
Report Date: 03/31/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing, and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 07/24/2024.

Observed Locations

Northwest section

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f sand	Imported from pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). One field density test was performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0013
Service Date: 03/28/25
Report Date: 03/31/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

				Lab Test Data		Project Requirements	
Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

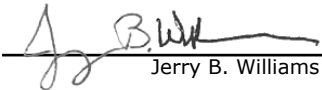
Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
1	32.84099° N, 83.62743° W	6ft below	1	6	135.0	14.0	11.6	121.0	97.2

Datum: Other - See comments
S/N: 73313 Make: Troxler Model: 3430P Std. Cnt. M: 669 Std. Cnt. D: 2787
Last Cal. Date: 10/29/2024
Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Ervin Williams
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0015
Service Date: 04/01/25
Report Date: 04/03/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 07/24/2024.

Observed Locations

West wing

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f sand	Imported from Imported from pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Two field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0015
Service Date: 04/01/25
Report Date: 04/03/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
West wing									
1	32.84006° N, 83.62774° W	Grade	1	6	135.9	15.6	13.0	120.3	96.6
2	32.84004° N, 83.62792° W	Grade	1	6	135.1	15.0	12.5	120.1	96.5

Datum: Final grade

S/N: 73313

Make: Troxler

Model: 3430P

Std. Cnt. M: 670 Std. Cnt. D: 2464

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

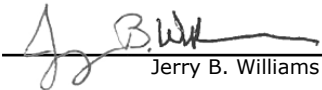
Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0016
Service Date: 04/02/25
Report Date: 04/03/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 08/24/2024.

Observed Locations

Southeast wing

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f sand	Imported from Imported from pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Two field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0016
Service Date: 04/02/25
Report Date: 04/03/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Southeast wing									
1	32.84017° N, 83.62755° W	Grade	1	6	131.3	12.4	10.4	118.9	95.5
2	32.84030° N, 83.62744° W	3ft below	1	6	133.1	13.9	11.7	119.2	95.7

Datum: Other - See comments

S/N: 73313

Make: Troxler

Model: 3430P

Std. Cnt. M: 670 Std. Cnt. D: 2464

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

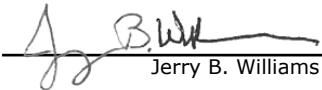
Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0017
Service Date: 04/03/25
Report Date: 04/07/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 07/24/2024.

Observed Locations

Exterior tower and west wing

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clays c-f sand	Imported from Imported from pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Two field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0017
Service Date: 04/03/25
Report Date: 04/07/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

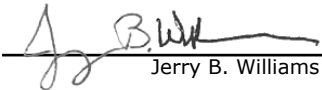
Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Exterior tower									
1	32.84029° N, 83.62757° W	Grade	1	6	131.1	11.0	9.2	120.1	96.5
West wing									
2	32.84016° N, 83.62789° W	1ft below	1	6	131.5	11.2	9.3	120.3	96.6

Datum: Other - See comments
S/N: 73313 Make: Troxler Model: 3430P
Std. Cnt. M: 670 Std. Cnt. D: 2464
Last Cal. Date: 10/29/2024
Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Ervin Williams
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0018
Service Date: 04/04/25
Report Date: 04/07/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 08/24/2024.

Observed Locations

West wing, exterior tower, and parking area

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tab brown clayey c-f sand	Imported from Imported from pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Four field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0018
Service Date: 04/04/25
Report Date: 04/07/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

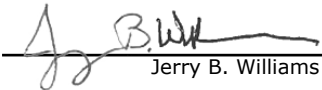
Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Parking area									
1	32.84043° N, 83.62769° W	3ft below	1	6	135.7	14.1	11.6	121.6	97.7
Exterior tower									
2	32.84038° N, 83.62745° W	Grade	1	6	133.3	13.2	11.0	120.1	96.5
Exterior entrance									
3	32.84022° N, 83.62774° W	Grade	1	6	133.7	14.5	12.2	119.2	95.7
West wing									
4	32.84022° N, 83.62774° W	Grade	1	6	134.0	13.4	11.1	120.6	96.9

Datum: Other - See comments
S/N: 73313 Make: Troxler Model: 3430P Std. Cnt. M: 670 Std. Cnt. D: 2464
Last Cal. Date: 10/29/2024
Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Ervin Williams
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0020
Service Date: 04/05/25
Report Date: 04/07/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 08/25/24.

Observed Locations

Parking deck entrance, parking deck, underground parking deck

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0001A	Tan brown clayey c-f sand	Imported from Pit
Structural Fill	HN251056.0001C	Gray c-f SAND with clay	Imported from Pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Five field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0020
Service Date: 04/05/25
Report Date: 04/07/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0
2	HN251056.0001C	Gray c-f SAND with clay	ASTM D698	10.2	127.1		Min 95.0

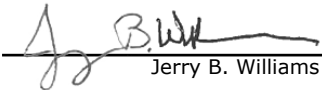
Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Parking deck									
1	32.84047° N, 83.62735° W	Grade	1	6	143.0	19.9	16.2	123.1	98.9
Underground parking deck									
2	32.84050° N, 83.62763° W	2ft below	1	6	133.8	13.5	11.2	120.3	96.6
3	32.84051° N, 83.62792° W	Grade	1	6	136.2	14.8	12.2	121.4	97.5
Parking deck entrance									
4	32.84101° N, 83.62744° W	3ft below	2	6	138.5	14.3	11.5	124.2	97.7
5	32.84101° N, 83.62744° W	2ft below	2	6	138.7	13.6	10.9	125.1	98.4

Datum: Other - See comments
S/N: 73313 Make: Troxler Model: 3430P Std. Cnt. M: 640 Std. Cnt. D: 2464
Last Cal. Date: 10/29/2024
Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Ervin Williams
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL

Report Number: HN251056.0021
Service Date: 04/07/25
Report Date: 04/10/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Sample Information

Terracon was requested to perform a sample pickup of the following materials:

Material Type/ Description	Source	Sample Location	Sample Type	Sampling Procedure	Proposed Use
Soil: Brown and white sand with some clay	Imported from pit	Building pad	Bulk	Stockpile	General fill

Sample Delivery

Samples were obtained and delivered to a Terracon laboratory on 4/7/2025 for testing as requested.

Requested Testing

Proctor

Services:

Terracon Rep.: Ervin Williams

Reported To:

Contractor:

Report Distribution:

(1) Macon-Bibb County GA, Clay
Murphey

Reviewed By:

Tracy Barfield
Laboratory Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: HN251056.0021
Service Date: 04/07/25
Report Date: 04/10/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Source of Material: Imported from pit
Proposed Use: General fill

Sample Information

Sample Date: 04/07/25
Sampled By: Ervin Williams
Sample Location: Building pad

Sample Description: Brown and White m-f SAND with clay

Laboratory Test Data

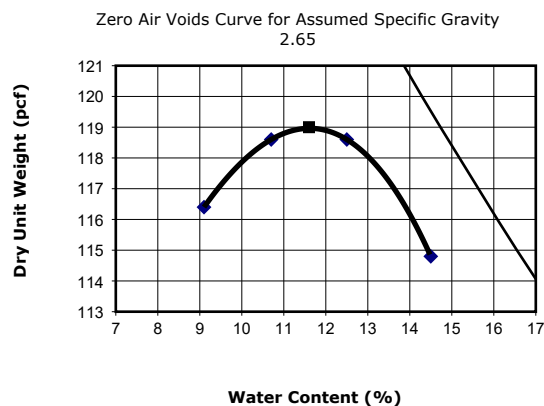
Test Procedure: ASTM D698
Test Method: Method A
Sample Preparation: Wet
Rammer Type: Manual
Maximum Dry Unit Weight (pcf): 119.0
Optimum Water Content (%): 11.6

Result

Specifications

Liquid Limit:
Plastic Limit:
Plasticity Index:
In-Place Moisture (%):
Passing #200 (%): 21.4

USCS:



Comments:

Services:

Terracon Rep.: Ervin Williams

Reported To:

Contractor:

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Tracy Barfield
Laboratory Manager

Test Methods: ASTM D698, ASTM D4718

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

Photo Log

Report Number: HN251056.0021
Service Date: 04/07/25
Report Date: 04/10/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606



(P1) Soil sample

PARTICLE SIZE DISTRIBUTION REPORT

Report Number: HN251056.0021A
Service Date: 04/07/25
Report Date: 04/07/25
Task: Earthwork Monitoring & Testing

Terracon
514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Sample Information

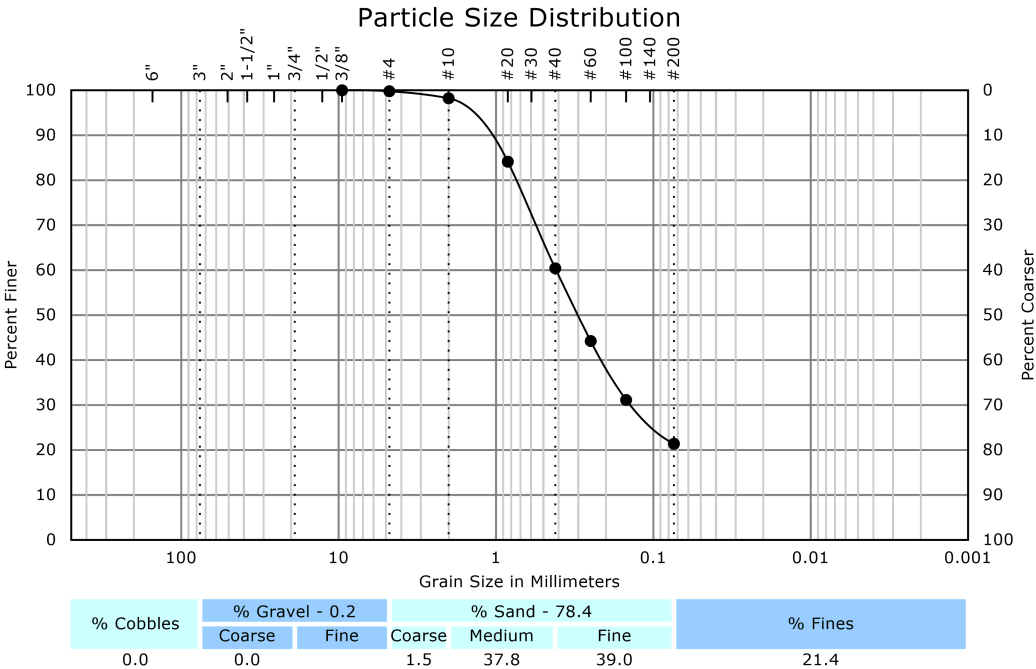
Sample Type: Bulk
Sample Location: Building pad, imported from pit
Sample Description: Brown and White m-f SAND with clay

Laboratory Test Data

Test Method: ASTM D6913
Method: A
Atterberg Limits:
Sample Preparation: As Received
Sieving Method: Single Sieve-Set Sieving

Sieve Size	Percent Finer	Spec.*	Pass (X=Fail)
------------	---------------	--------	---------------

3/8"	100
#4	100
#10	98
#20	84
#40	60
#60	44
#100	31
#200	21.4



*	$D_{60} = 0.41$	$D_{30} = 0.14$	$D_{10} =$	$C_c =$	$C_u =$	FM =
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Comments:

Services:

Terracon Rep.: Ervin Williams

Reported To:

Contractor:

Report Distribution:

Reviewed By:

Tracy Barfield
Laboratory Manager

Test

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0022
Service Date: 04/09/25
Report Date: 04/10/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 08/24/2024.

Observed Locations

Parking deck

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN2510560001A	Tan brown clayey c-f sand	Imported from Pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Six field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0022
Service Date: 04/09/25
Report Date: 04/10/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0001A	Tan brown clayey c-f SAND	ASTM D698	11.4	124.5		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Parking deck									
1	32.84062° N, 83.62726° W	1ft below	1	6	137.2	14.6	11.9	122.6	98.5
2	32.84078° N, 83.62708° W	1ft below	1	6	135.2	13.9	11.5	121.3	97.4
3	32.84080° N, 83.62726° W	1ft below	1	6	132.9	12.7	10.6	120.2	96.5
4	32.84053° N, 83.62735° W	Grade	1	6	136.4	14.2	11.6	122.2	98.2
5	32.84073° N, 83.62718° W	Grade	1	6	134.4	12.9	10.6	121.5	97.6
6	32.84070° N, 83.62736° W	Grade	1	6	135.1	13.5	11.1	121.6	97.7

Datum: Other - See comments

Std. Cnt. M: 668 Std. Cnt. D: 2530

S/N: 73313 Make: Troxler

Model: 3430P

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

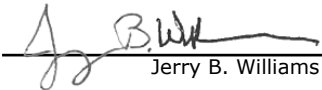
Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0023
Service Date: 04/10/25
Report Date: 04/11/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 08/24/24.

Observed Locations

Parking deck, and ballroom

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0021	Brown and white sand with some clay	Imported from Pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Seven field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0023
Service Date: 04/10/25
Report Date: 04/11/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0021	Brown and White m-f SAND with clay	ASTM D698	11.6	119.0		Min 95.0

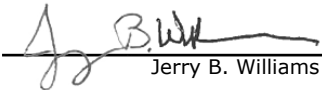
Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Ballroom									
1	32.84037° N, 83.62791° W	Grade	1	6	128.6	13.4	11.6	115.2	96.8
Underground parking garage									
2	32.84076° N, 83.62761° W	Grade	1	6	131.5	13.2	11.2	118.3	99.4
Parking deck									
3	32.84080° N, 83.62717° W	2ft below	1	6	132.4	13.4	11.3	119.0	100.0
4	32.84089° N, 83.62739° W	2ft below	1	6	133.2	14.5	12.2	118.7	99.7
5	32.84089° N, 83.62739° W	1ft below	1	6	132.7	14.1	11.9	118.6	99.7
6	32.84088° N, 83.62711° W	1ft below	1	6	130.9	13.0	11.0	117.9	99.1
7	32.84091° N, 83.62724° W	3ft below	1	6	132.0	14.0	11.9	118.0	99.2

Datum: Other - See comments
S/N: 73313 Make: Troxler Model: 3430P Std. Cnt. M: 668 Std. Cnt. D: 2530
Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Ervin Williams
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

Reviewed By: 
Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

CANCELLED SERVICE REPORT

Report Number: HN251056.0024
Service Date: 04/11/25
Report Date: 04/14/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Cancellation Information

A Terracon Consultants, Inc. (Terracon) field representative was dispatched for field density testing as requested by Jorge Perez. After a requested standby Jorge perez informed our representative that our services were not needed on this date due to weather.

Services:

Terracon Rep.: Ervin Williams

Reported To:

Contractor:

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

A handwritten signature in black ink, appearing to read 'J B Williams', is written over a horizontal line.

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0025
Service Date: 04/14/25
Report Date: 04/15/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Grading plans dated 08/22/2024.

Observed Locations

Parking deck and underground parking lot

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0021	Brown and White m-f SAND with clay	Imported from Pit

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the fill placed today utilizing the nuclear method (ASTM D6938). Eight field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0025
Service Date: 04/14/25
Report Date: 04/15/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0021	Brown and White m-f SAND with clay	ASTM D698	11.6	119.0		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Parking deck									
1	32.84086° N, 83.62714° W	3ft below	1	6	130.3	15.7	13.7	114.6	96.3
2	32.84090° N, 83.62729° W	3ft below	1	6	129.4	14.2	12.3	115.2	96.8
Underground parking lot									
3	32.84090° N, 83.62729° W	2ft below	1	6	130.6	13.6	11.6	117.0	98.3
4	32.84097° N, 83.62745° W	1ft below	1	6	130.4	14.2	12.2	116.2	97.6
Parking deck									
5	32.84096° N, 83.62725° W	2ft below	1	6	130.7	13.1	11.1	117.6	98.8
6	32.84079° N, 83.62703° W	2ft below	1	6	131.5	14.4	12.3	117.1	98.4
7	32.84084° N, 83.62715° W	Grade	1	6	129.8	12.9	11.0	116.9	98.2
8	32.84095° N, 83.62727° W	Grade	1	6	133.1	14.5	12.2	118.6	99.7

Datum: Other - See comments

Std. Cnt. M: 674 Std. Cnt. D: 2505

S/N: 73313 Make: Troxler

Model: 3430P

Last Cal. Date: 10/29/2024

Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Ervin Williams

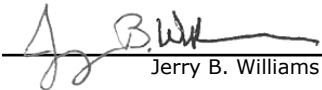
Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:


Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

GENERAL OBSERVATION REPORT

Report Number: HN251056.0026
Service Date: 04/15/25
Report Date: 04/17/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon to be on site to monitor site activities at the above referenced project. Observed work was being performed by Target Contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Civil.

Summary of Services

Target placed structural fill in place and pushed into place later in the afternoon via dozer. Terracon was told to come back later that afternoon. Compaction of fill was not started until 16:45.

Services:

Terracon Rep.: Cauby Beach
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

A handwritten signature in black ink, appearing to read 'J B Williams', is written over a horizontal line.

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TESTING REPORT

Report Number: HN251056.0027
Service Date: 04/16/25
Report Date: 04/17/25
Task: Earthwork Monitoring & Testing



514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

General Information

Jorge Perez requested Terracon be on site for field density testing and fill placement observation. Earthwork is being performed by Target contractors. The results of observation(s) for today were reported to Jorge Perez.

The construction documents referenced for this inspection include: Civil.

Observed Locations

Northern side of pad

Fill Placement

Fill Type Placed	Proctor No.(s)	Fill Description	Source of Fill
Structural Fill	HN251056.0021	Brown and white m-f sand with clay	Imported from Pit offsite

The fill was observed to be placed in an approximately 1-foot thick lift. Compactive efforts were applied with the following equipment: vibratory sheepsfoot roller. The fill placed appeared firm and stable during the application of compactive efforts.

Density Test Results

Field density tests were conducted on the previously placed fill utilizing the nuclear method (ASTM D6938). Eight field density tests were performed. The test results met the minimum specified 95% compaction requirement as compared to ASTM D 698 test method. Refer to the attached field density test summary for individual test data.

Compliance Statement

Based on our observations and/or tests fill placement activities as detailed above appear to be completed in general accordance with the project plans and specifications.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.

Terracon Rep.: Cauby Beach

Reported To: Jorge Perez

Contractor: Target contractors

Report Distribution:

(1) Macon-Bibb County GA, Clay Murphey

Reviewed By:

Jerry B. Williams
Construction Services Manager

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: HN251056.0027
Service Date: 04/16/25
Report Date: 04/17/25
Task: Earthwork Monitoring & Testing


514 Hillcrest Indust. Blvd
Macon, GA 31204-3472
478-757-1606

Client

Macon-Bibb County GA
c/o Finance Department
Attn: Clay Murphey
PO Box 247
Macon, GA 31201

Project

108 First Street - Macon GA
108 First Street
Macon, GA 31201

Project Number: HN251056

Material Information

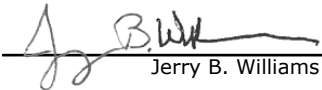
Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data		Project Requirements	
				Opt. Water Content (%)	Max. Lab Density (pcf)	Water Content (%)	Compaction (%)
1	HN251056.0021	Brown and White m-f SAND with clay	ASTM D698	11.6	119.0	8.6 - 14.6	Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
Northern side of pad									
1	32.84099 -83.62740	Sg	1	6	130.9	12.0	10.1	118.9	99.9
2	32.84093 -83.62744	Sg	1	6	126.5	11.3	9.8	115.2	96.8
3	32.84092 -83.62743	Sg	1	6	125.6	10.7	9.3	114.9	96.6
4	32.84082 -83.62720	Sg	1	6	130.3	11.5	9.7	118.8	99.8
5	32.84088 -83.62707	Sg	1	6	127.3	12.5	10.9	114.8	96.5
6	32.84101 -83.62721	Sg	1	6	124.9	11.0	9.7	113.9	95.7
7	32.84102 -83.62722	Sg	1	6	127.9	11.4	9.8	116.5	97.9
8	32.84102 -83.62691	Sg	1	6	127.7	12.9	11.2	114.8	96.5

Datum: Top of existing grade
S/N: 14880 Make: Troxler Model: 3440 Std. Cnt. M: 521 Std. Cnt. D: 1466
Last Cal. Date: 10/29/2024
Comments: Test and/or retest results on this report meet project requirements as noted above.

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Terracon Rep.: Cauby Beach
Reported To: Jorge Perez
Contractor: Target contractors
Report Distribution:
(1) Macon-Bibb County GA, Clay Murphey

Reviewed By: 
Jerry B. Williams
Construction Services Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.