Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
Laboratories

P.O Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
2907 Spring Glen Road, Jacksonville, FL 32207 • Tel(904)381-8901 • Fax(904)381-8902

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 25-00148-01
DATE TESTED: 3/21/2025
DATE REPORTED: 4/9/2025

PROJECT:	Metal Building Pad, Lake City, FL
CLIENT:	William Scott, 7392 NW US Hwy 41, Lake City, Florida 32055
GENERAL CONTRACTOR:	SAC
EARTHWORK CONTRACTOR:	SAC
INSPECTOR:	J. Abbott

ASTM METHOD	SOIL USE
(D-6938) Nuclear	BUILDING FILL

SPECIFIED REQUIREMENTS: 95%

TEST NO.		TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft^3)	MOISTURE PERCENT	DRY DENSITY (lb/ft^3)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1		Northeast Corner of Pad 10 ft South and 10 ft West	12"	126.8	10.8	114.4	1	119.2	96%
2		Center of Pad	12"	125.7	9.9	114 4	1	119.2	96%
3		Southwest Corner of Pad 10 ft South and 10 ft East	12"	125.8	10.7	113.6	1	119.2	95%

REMARKS: The Above Tests Meet Specified Requirements.

PROCTORS

PROCTOR NO.		SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
1		Brown Silty Sand (SM)	119.2	11 1	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By:

Date: 4/9/25
Licensed, Florida No: 65560

IVAN E. MARCANO LICENSE No. 65560 STATE OF FLORIDA PROFESSIONAL ENGINEER

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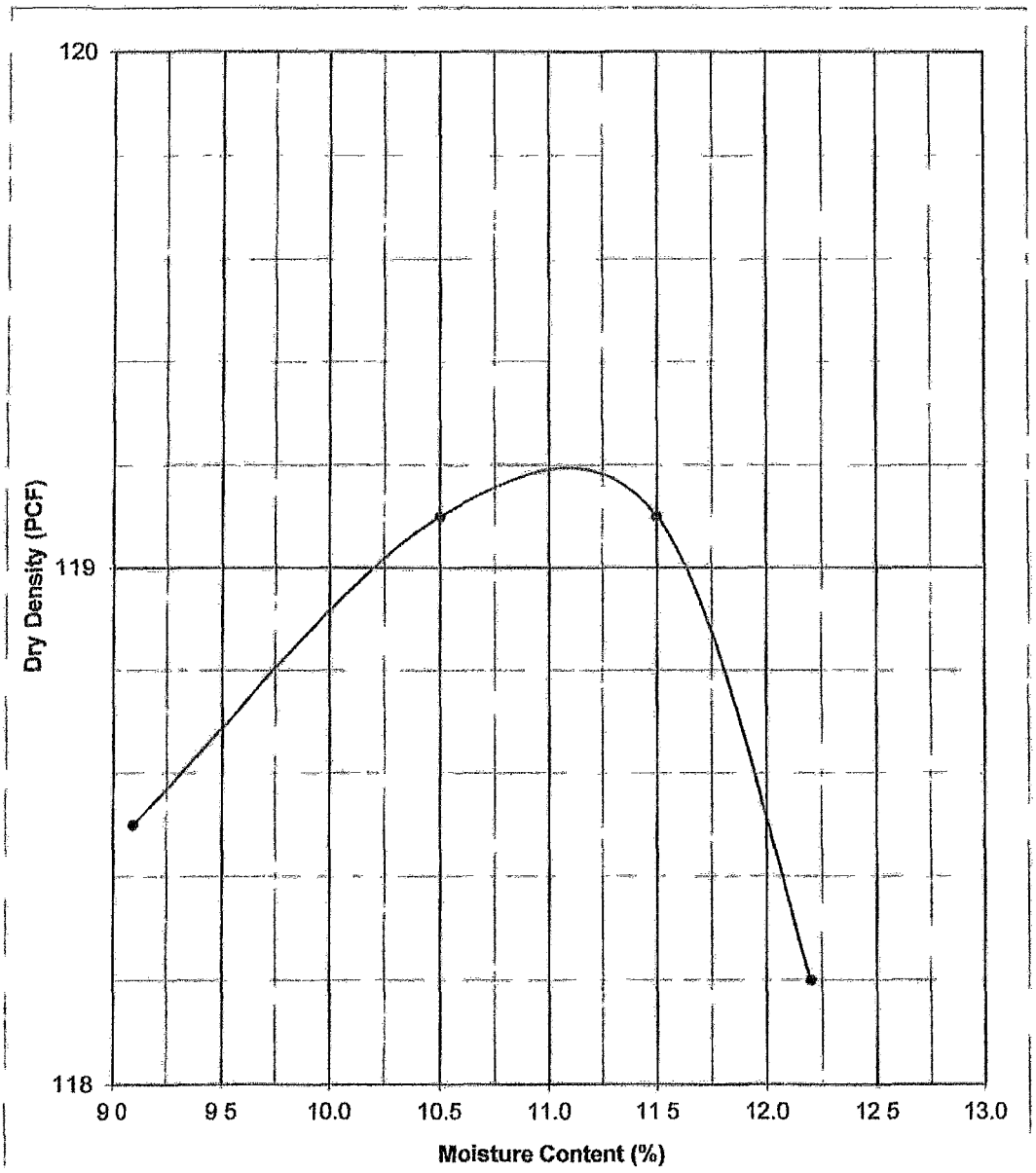
REPORT OF LABORATORY COMPACTION TEST

Client: William Scott, 7392 NW US Hwy 41, Lake City, Florida 32055
Project Name: Metal Building Pad
Project Location: Lake City, FL
Contractor: William Scott

File No: 25-00148-01
Date: 4/8/2025
Lab No: 25266



PROCTOR DATA

Proctor No.: 1

Modified Proctor (ASTM D-1557) ☑

Standard Proctor (ASTM D-698) ☐

Maximum Dry Dens. Pcf: 119.2

Optimum Moisture Percent: 11.2

Total -200 (%): 17

LL. NA

PI. NP

The test results presented in this report are specific only to the samples tested at the time of testing The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data. This report shall not be reproduced without prior approval of the author

Sample Description: Brown Silty Sand (SM)
Sample Location: Stockpile
Proposed Use: Building Fill
Sampled By: J. Abbott **Date:** 3/21/2025
Tested By: J. Coxwell **Date:** 4/7/2025
Remarks: 1cc: Client
1cc: File

IVAN E. MARCANO
LICENSE
No. 65590
STATE OF FLORIDA
PROFESSIONAL ENGINEER
COPY

Reviewed By:
Date:
Licensed, Florida No.: 65590

J33