Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
• Environmental
Laboratories

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REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 22-00308-01
DATE TESTED: 7/6/2022
DATE REPORTED: 7/7/2022

PROJECT:	Mattox Residence, Lake City, FL
CLIENT:	Creative Concrete Design of Columbia County, P.O. Box 1149, Lake City, FL 32056
GENERAL CONTRACTOR:	Creative Concrete Design of Columbia County
EARTHWORK CONTRACTOR:	Creative Concrete Design of Columbia County
INSPECTOR:	C. Stratton

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		8 ft. North & 7 ft. East from Southwest Corner of Pad	12"	114.1	7.2	106.4	1	104.1	102%
2		24 ft. North & 23 ft. East from Southwest Corner of Pad	12"	114.1	5.7	107.9	1	104.1	104%
3		10 ft. South & 10 ft. West from Northeast Corner of Pad	12"	113.4	6.9	106.1	1	104.1	102%

REMARKS: The Above Tests Meet Specified Requirements.

PROCTORS

PROCTOR NO.		SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
1		Light Tan Sand (SP) (Refer to CTI Job No.: 22-00142-01, Sample 1)	104.1	15.4	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By:

IVAN E. MARCANO LICENSE No. 65550 STATE OF FLORIDA PROFESSIONAL ENGINEER

COPY

Date: 7/7/22
Licensed, Florida No.: 65550

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.