



- Engineering
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Cal-Tech Testing, Inc.

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JOB NO.: 23-00142-01

REPORT OF IN-PLACE DENSITY TEST

DATE TESTED: 3/8/2023

DATE REPORTED: 3/8/2023

PROJECT:	1280 SW Tompkins St., Lake City, FL
CLIENT:	MSD Construction, 18783 S.W. CR 235, Brooker, FL 32622
GENERAL CONTRACTOR:	MSD Construction
EARTHWORK CONTRACTOR:	MSD Construction
INSPECTOR:	A. Gaylard
ASTM METHOD (D-6938) Nuclear	SOIL USE 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	11 ft. East & 11 ft. South from Wall	12"	108.6	5.1	103.3	1	106.7	97%
2	Center of Pad	12"	111.0	3.9	106.8	1	106.7	100%
3	9 ft. South & 8 ft. West from Wall	12"	112.3	5.7	106.2	1	106.7	100%
4	8 ft. West from Center Wall	12"	106.4	4.0	102.3	1	106.7	96%

REMARKS: The Above Tests Meet Specified Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
1	Tan Sand with Silt (SP-SM) (Refer to CTI Job No.: 17-00727-01, Sample 1)	106.7	12.0	MODIFIED (ASTM D-1557)

Respectfully Submitted,
 CAL-TECH TESTING, INC.

Reviewed By:

[Signature]

Date:

3/9/23

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.