



- Engineering
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Cal-Tech Testing, Inc.

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48701
Ben Martin notify either way

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 23-00542-01

DATE TESTED: 11/20/2023

DATE REPORTED: 11/28/2023

PROJECT:	250 S.W. Zierke Drive, Lake City, FL
CLIENT:	Martin Exteriors, 3814 S. 1st St, Lake City, FL 32025
GENERAL CONTRACTOR:	Martin Exteriors
EARTHWORK CONTRACTOR:	Martin Exteriors
INSPECTOR:	I. Carignan
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	7 ft. North & 2 ft. West from Southeast Corner of Pad	12"	129.8	13.0	114.9	1	114.2	101%
2	11 ft. South & 2 ft. East from Northwest Corner of Pad	12"	123.3	13.6	108.5	1	114.2	95%
3	2 ft. South & 18 ft. East from Northwest Corner of Pad	12"	123.5	12.8	109.5	1	114.2	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) & Trace of Brown Clay (Refer to CTI Job No.: 18-00402-01, Sample 1)	114.2	10.7	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By:

Date:

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.