



• Engineering
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Laboratories

Cal-Tech Testing, Inc.

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REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 23-00093-01

DATE TESTED: 2/9/2023

DATE REPORTED: 2/9/2023

PROJECT:	550 SW Mandiba Dr, Lake City, FL
CLIENT:	IC Construction, LLC, 818 West Duval, Lake City, FL 32055
GENERAL CONTRACTOR:	IC Construction, LLC
EARTHWORK CONTRACTOR:	IC Construction, LLC
INSPECTOR:	C. Williams
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. South & 8 ft. West from Northeast Corner of Pad	12"	106.5	5.6	100.9	1	103.9	97%
2	Center of Pad	12"	113.3	11.3	101.8	1	103.9	98%
3	12 ft. North & 6 ft. East from Southwest Corner of Pad	12"	104.5	6.4	98.2	1	103.9	95%

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.: 18-00471-01, Sample 1)	103.9	14.2	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.