



- Engineering
- Geotechnical

Cal-Tech Testing, Inc.

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LOT 4

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 24-00617-01

DATE TESTED: 12/17/2024

DATE REPORTED: 12/19/2024

PROJECT:	451 SW Legion Drive, Lake City, FL							
CLIENT:	CJ Custom Carpentry, Inc., 222 SW Cross Pointe, Lake City, FL 32024							
GENERAL CONTRACTOR:	CJ Custom Carpentry, Inc.							
EARTHWORK CONTRACTOR:	CJ Custom Carpentry, Inc.							
INSPECTOR:	J. Green							
	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	15 ft. Northwest of Southeast Corner of Pad	12"	114.1	6.4	107.2	1	106.0	101%
2	Center of Pad	12"	116.1	9.0	106.5	1	106.0	100%
3	15 ft. Southeast of Northwest Corner of Pad	12"	112.9	8.3	104.2	1	106.0	98%

REMARKS:

The Above Tests Meet Specified Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
1	Light Brown Sand (SP) (Refer to CTI Job No.: 17-00603-01, Sample S002)	106.0	12.1	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By:

Date: 12/17/2024
Licensed, Florida No: 65550 STATE OF FLORIDA



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.