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Cal-Tech Testing, Inc.

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JOB NO.: 23-00297-01

DATE TESTED: 10/3/2023

DATE REPORTED: 10/5/2023

REPORT OF IN-PLACE DENSITY TEST

PROJECT:	US Cold Storage - Building Expansion Phase III, Lake City, FL
CLIENT:	Stellar, 2900 Hartley Road, Jacksonville, FL 32257
GENERAL CONTRACTOR:	Stellar
EARTHWORK CONTRACTOR:	Stellar
INSPECTOR:	C. Williams
ASTM METHOD	SOIL USE
(D-6938) Nuclear	OTHER
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
West Parking Lot								
125	40 ft. West of STR-A	12"	115.4	11.4	103.6	1	109.1	95%
126	70 ft. South of STR-A	12"	120.4	5.9	113.7	1	109.1	104%
127	100 ft. East of STR-A	12"	118.9	4.9	113.3	1	109.1	104%
128	50 ft. South of STR-B	12"	119.3	5.2	113.4	1	109.1	104%
129	20 ft. North of STR-C	12"	118.6	10.4	107.4	1	109.1	98%
East Parking Lot								
130	60 ft. South of STR-C	12"	120.1	5.7	113.6	1	109.1	104%
131	70 ft. South of STR-D	12"	120.4	6.2	113.4	1	109.1	104%
132	30 ft. North of STR-E	12"	120.4	6.2	113.4	1	109.1	104%
133	50 ft. South of STR-E	12"	120.5	6.6	113.0	1	109.1	104%
134	70 ft. East of STR-E	12"	120.9	7.7	112.3	1	109.1	103%

REMARKS:

The Above Tests Meet Specified Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
1	Light Gray Sand with Silt (SP-SM)	109.1	12.4	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Reviewed By:

Date:

Licensed, Florida No:



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.