

- Engineering
- Geotechnical
 Laboratories

Cal-Tech Testing, Inc.

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456 2907 Spring Glen Road, Jacksonville, FL 32207 • Tel(904)381-8901 • Fax(904)381-8902

JOB NO.: 24-00560-01

REPORT OF IN-PLACE DENSITY TEST

DATE TESTED: 11/7/2024 **DATE REPORTED:** 11/15/2024

PROJECT: 47 Development, Lake City, FL Plumb Level Construction, 232 Chadley Lane, Lake City, FL 32055 CLIENT: GENERAL CONTRACTOR: Plumb Level Construction EARTHWORK CONTRACTOR: Plumb Level Construction INSPECTOR: C. Williams **ASTM METHOD** SOIL USE (D-6938) Nuclear **BUILDING FILL** * SPECIFIED REQUIREMENTS: 95%

WET DRY TEST MOISTURE PROCTOR **PROCTOR** TEST NO. **TEST LOCATION** DENSITY DENSITY MAXIMUM **DEPTH** PERCENT TEST NO. **VALUE** DENSITY (lb/ft3) (lb/ft3) 35 ft. East & 10 ft. South from 1 12" 116.5 10.8 105.1 1 106.0 99% Northwest Corner of Pad 2 Center of Pad 12" 107.1 106.0 119.2 11.3 1 101% 30 ft. West & 15 ft. North from 3 12" 119.8 11.7 107.3 1 106.0 101% Southeast Corner of Pad 20 ft. South from Northeast 4 12" 112.4 8.7 103.4 1 106.0 98% Corner of Footers 50 ft. West from Southeast 5 12" 112.0 9.9 101.9 1 106.0 96% Corner of Footers 25 ft. North from Southwest 6 12" 115.0 9.7 104.8 106.0 99% 1 Corner of Footers 55 ft. East from Northwest 7 12" 115.5 10.4 104.6 1 106.0 99% Corner of Footers

REMARKS:

The Above Tests Meet Specified Requirements.

PROCTORS

PROCTOR

NO.

SOIL DESCRIPTION

MAXIMUM DRY UNIT WEIGHT (Ib/ft³)

1 Light Brown Sand (SP) (Refer to CTI Job No.: 17-00603-01, Sample S002)

NO.

1 106.0

106.0

12.1

MODIFIED (ASTM D-1557)

Respectfully Submitted, CAL-TECH TESTING, INC.

Reviewed 5

Date:

Licensed Florida No: 65559

No 65550

STATE OF

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 graph standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the user a This report shall not be reproduced without prior approval of the author.