607 Northwest Commodity Cove, Port St. Lucie, FL 34986 - P: 772-924-3575 - F: 772-924-3580

**UES Project No:** 3310.2300528.0000
**Workorder No:** 318706-44
**Report Date:** 02/22/2024

# In-Place Density Test Report

**Client:** B & B Site Development, Inc.
1505-C South Parrott Avenue
Okeechobee, FL 34974

**UES Technician:** Jacob Perry
**Date Tested:** 12/28/2023

**Project:** Lakefront Estates - Vertical
27182 East SR 78, Okeechobee, Okeechobee County, FL 34974

**Area Tested:** Lot 319 - 27182 East State Road, Okeechobee

**Material:** Fill

**Reference Datum:** 0 = Top of Fill

**Type of Test:**

**Field:** ASTM D-6938 Nuclear Gauge Method

**Laboratory:** ASTM D1557 Modified Proctor

The tests below meet the 95% minimum compaction requirement.

| Test No. | Location of Test | Range | Maximum Density (pcf) | Optimum Moisture (%) | Field Dry Density (pcf) | Field Moisture (%) | Soil Compaction (%) | Pass or Fail |
|---|---|---|---|---|---|---|---|---|
| 139 | NE Corner | 0-1 ft | 113.6 | 11.0 | 108.5 | 8.5 | 96 | Pass |
| 140 | NE Corner | 1-2 ft | 113.6 | 11.0 | 108.1 | 8.7 | 95 | Pass |
| 141 | SW Corner | 0-1 ft | 113.6 | 11.0 | 110.4 | 8.1 | 97 | Pass |
| 142 | SW Corner | 1-2 ft | 113.6 | 11.0 | 110.7 | 8.2 | 97 | Pass |
| 143 | Center | 0-1 ft | 113.6 | 11.0 | 113.3 | 7.6 | 100 | Pass |
| 144 | Center | 1-2 ft | 113.6 | 11.0 | 112.8 | 7.7 | 99 | Pass |

Reviewed By
**GFA International, Inc**
FBPE Registry No.4930




Digitally signed by Allan G Abubakar
Date: 2024.02.22 13:40:31 -05'00'

Allan G. Abubakar, P.E.

**STATE OF FLORIDA**
Professional Engineer No. 69952

***This item has been digitally signed and sealed by Allan G. Abubakar, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.***

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