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: 318703-1
Report Date: 02/27/2024

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: 12/27/2023

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

Area Tested: Lot 412 - 27182 East State Road 78
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
1	NE Corner	0-1 ft	120.3	10.6	122.4	7.2	102	Pass
2	SW Corner	0-1 ft	120.3	10.6	116.5	8.6	97	Pass
3	Center	0-1 ft	120.3	10.6	118.6	7.7	99	Pass
121	NE Corner	1-2 ft	120.3	10.6	120.1	9.6	100	Pass
122	SW Corner	1-2 ft	113.6	11.0	110.1	7.8	97	Pass
123	Center	1-2 ft	113.6	11.0	110.2	11.5	97	Pass

Reviewed By
GFA International, Inc
FBPE Registry No.4930



Digitally signed by Allan G Abubakar
Date: 2024.02.27 12:16:11 -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.

To establish a mutual protection to Universal's clients, the Public and ourselves, all reports are submitted as confidential property of our clients and authorization for publication of statements, conclusions or extracts from or regarding Universal's reports is reserved pending our written approval.