



UNIVERSAL ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Sciences
Geophysical Services • Construction Materials Testing • Threshold Inspection
Building Inspection • Plan Review • Building Code Administration

UES Project No:

Workorder No:

1090613-1

Report Date:

9/26/2022

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In-Place Density Test Report

Client: Mike Hartsog

UES Technician: Dwayne Ingram

Date Tested: 09/26/2022

Project: Hartsog Residence - Ft. White, FL
310 SW Deer Run Dr, Ft. White, FL

Area Tested: Building Pad

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 minimum 95% relative soil compaction requirement of Laboratory Proctor maximum dry density.

Test No.	Location of Test	Range	Maximum Density (pcf)	Optimum Moisture (%)	Field Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)	Fill Depth (inch)	Pass or Fail
1	Center of Pad	-1-0 ft	105.9	12.1	104.3	3.2	98	N/A	Pass
2	Northwest Corner Footing	-1-0 ft	105.9	12.1	103.2	3.1	97	N/A	Pass
3	Southeast Corner Footing	-1-0 ft	105.9	12.1	104.2	3.4	98	N/A	Pass
4	Center of Pad #2	-1-0 ft	105.9	12.1	104.4	4.0	99	N/A	Pass