

From: Matt Forsyth  
 To: Tyler Concidine  
 Subject: Soil Compaction 1229  
 Date: Thursday, February 27, 2025 1:02:29 PM

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**UES Project No:** 02.10.2400129.0000  
**Workorder No:** 1128291-1  
**Report Date:** 2/27/2025

**In-Place Density Test Report**

**Client:** Hartley Brothers, Inc.  
 1325 NW 53rd Avenue Suite D  
 Gainesville, FL 32609

**Project:** Various Building Projects - Lominack Residence, Lake City, FL  
 2485 SW Carpenter Road, Lake City, Columbia County, FL 32024

**Area Tested:** House Pad  
**Material:** Fill  
**Reference Datum:** 0 = Top of Fill

**UES Technician:** Tyler Concidine  
**Date Tested:** 02/27/2025

**Type of Test:** 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	NW Corner of Pad	-1-0 ft	107.7	11.8	105.9	6.6	98	N/A	Pass
2	NE Corner of Pad	-1-0 ft	107.7	11.8	105.7	6.8	98	N/A	Pass
3	Center of Pad	-1-0 ft	107.7	11.8	104.9	7.3	97	N/A	Pass
4	SW Corner of Pad	-1-0 ft	107.7	11.8	106.5	6.8	99	N/A	Pass
5	SE Corner of Pad	-1-0 ft	107.7	11.8	106.3	6.4	99	N/A	Pass

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