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UNIVERSAL
ENGINEERING SCIENCES

Consultants In Geotechnical Engineering Environmental Sciences
Construction Materials Testing, Threshold Inspections Private Provider Inspection
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Certificate of Authorization No. 549

Project No 0210.1100040.0000
Report No.
Date June 6, 2014

REPORT OF IN-PLACE DENSITY TESTS

Client: Innovative Home Builders of North Florida, Inc.
P.O. Box 1192
High Springs, FL 32655

Project: Cottage Road
171 SW Rose Point Place, Lot 3
Lake City, FL

Area Tested: ☐ Sanitary Pipe ☐ Sanitary Structure ☐ Storm Pipe ☐ Storm Structure ☐ Building Pad ☒ Footings ☐ Roadway ☐ Curb ☐ Subgrade ☐ Other

Material: ☒ Fill ☐ Backfill ☐ Native ☐ Embankment ☐ Limerock ☐ Stabilization ☐ Other

Referenced From: ☐ Top ☐ Springline ☒ Bottom "OF" ☐ Fill ☐ Native ☒ Footing ☐ Pipe ☐ Structure ☐ Berm ☐ Base Course ☐ Subgrade ☐ Other

Field Test Performed: ☐ ASTM D-2937 Drive Cylinder Method ☒ ASTM D-6938 Nuclear Gauge Method ☐ ASTM D-1556 Sand Cone Method ☐ ASTM D-558 Soil Cement Field Proctor

Laboratory Testing: ☒ ASTM D-1557 Modified Proctor ☐ ASTM D-698 Standard Proctor ☐ AASHTO T180 Modified Proctor ☐ AASHTO T99 Standard Proctor ☐ FM 5-515 LBR ☐ ASTM D-1883 CB

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Report Left on Site? ☐ Yes (With Whom?) ☒ No (Reason?) Pick Up Proctor

Compaction Requirement = 95%

Date Tested: 5/30/14

Test No.	Location of Test	Depth or Elevation	Lab Test Results: Sample Number	Lab Test Results: Maximum Density (pcf)	Lab Test Results: Optimum Moisture (%)	Field Test Results: Wet Density (pcf)	Field Test Results: Dry Density (pcf)	Field Test Results: Field Moisture (%)	Field Test Results: Compaction (%)	PASS FAIL
1.	Approximate Center of Building Pad	-1'-0	-	120.4	10.0	126.2	115.0	9.7	96	PASS
2.	Approximate Center of Northeast Corner Footing	-1'-0	-	120.4	10 0	125.8	115.4	9.0	96	PASS
3.	Approximate Center of Southwest Corner Footing	-1'-0	-	120.4	10.0	125.8	115.1	9.3	96	PASS

Technician DI/cb

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