

**Tallahassee**

4770 Woodlane Circle  
Unit A  
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Phone: 850.421.6682  
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**Client:**

Ajax Building Corporation  
1080 Commerce Blvd.  
Midway, FL 32343

**Project:**

10117-1020031.000  
Columbia County Detention Facility Materials  
Testing  
Jacksonville, Florida

**Activity Number:** 44

**Date:** 11/09/2020

**Weather:** Cloudy

**Temperature:** 79

**Location:** Sanitary sewer manhole structure S02 and Sanitary sewer manhole structure S03

**NOVA Representative:** Raymond Easley

As requested by the contractor, the above noted NOVA representative visited the project site to perform comparative density testing on the compacted subgrade material within the utility trench . Two (2) tests were performed using a Troxler 3430 nuclear Moisture Density Gauge in accordance with ASTM D6938.

Based on the results of our field testing in accordance with ASTM D6938, the observed compacted material appeared to meet the required specification of 95% of the Modified Proctor maximum dry density as determined by ASTM D1557 at the locations tested. Please see the attached Nuclear Density Testing Results for test locations and results.

As requested by the contractor, the above noted NOVA representative visited the subject project site to evaluate the compacted sub grade material within the utility trench near sanitary sewer manhole S02 and sanitary sewer manhole S03. The above noted areas were assessed by random manual probing and visual observations.

Based on the manual probing and visual observations performed, the compacted sub grade material appeared firm and stable .

As requested by the contractor, the above noted NOVA representative was onsite to sample the sub grade material. A representative sample was obtained from existing grade and was transported back to our laboratory for testing.



Should the exposed subgrade approved this date be exposed to rain, freezing or other inclement conditions prior to sealing/paving/concrete placement, etc. NOVA recommends re-evaluation.

**No observations, tests, inspections or approvals by NOVA shall relieve the Contractor from his obligation to perform the Work in strict conformity with the Contract Documents. NOVA's inspections and/or tests reported herein are in no way a guarantee of deficient-free construction. The information provided herein is intended for the sole and exclusive use of our Client unless other written agreement is entered into by NOVA and other parties. All other recipients are provided this document and any corresponding tests and/or inspection results for information purposes only, and any use of said information shall be at their sole risk.**

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Images	
Picture	Caption
	Location of testing
	Location of testing

Electronically signed and sealed by  
William L. Lawrence, P.E., Senior Regional  
Engineer on Nov 13, 2020 using a Digital  
Signature.