

Tallahassee

4770 Woodlane Circle
Unit A
Tallahassee, FL 32303
Phone: 850.421.6682
Fax: 850.249.6683

Client:

Ajax Building Corporation
1080 Commerce Blvd.
Midway, FL 32343

Project:

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

Activity Number: 59

Date: 11/30/2020

Weather: Sunny

Temperature: 67

Location: Columbia County Detention Center

NOVA Representative: Mitch Cantrell

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 waterline utility trench. Three (3) 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 Standard Proctor maximum dry density as determined by D698 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 was onsite to sample the subgrade material. A representative sample was obtained from existing grade and was transported back to our laboratory for testing.

At the request of the contractor, the above noted NOVA representative visited the Columbia County Detention Center project to evaluate a proofroll on the prepared building pad within the building limits of lines 2-10 .

The proofroll began at line 2 and progressed to line 10 using overlapping passes. The proofroll was performed using a fully loaded tandem axle off-road dump truck , reported to weigh approximately Forty (40) tons .

Based on the observation of the proofroll, the observed subgrade appears firm, stable and suitable for the placement of the required structural fill.

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
	Area where proofroll was observed
	Truck used to perform the proofroll operations
	North waterline tested

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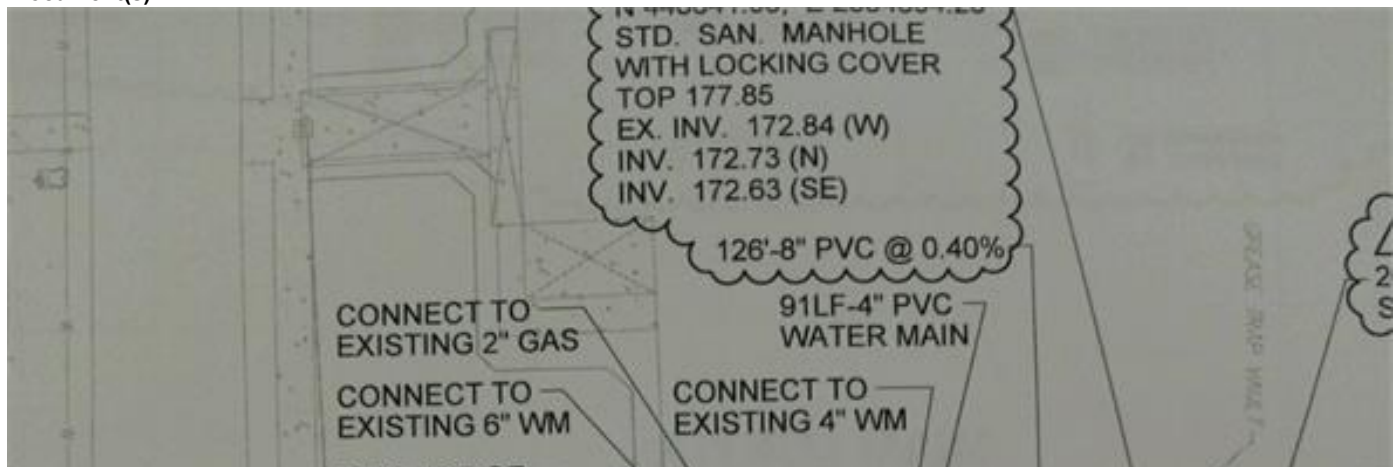
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Picture	Caption
	South waterline tested
	Area where proctor was collected (building pad)

Additional Documents

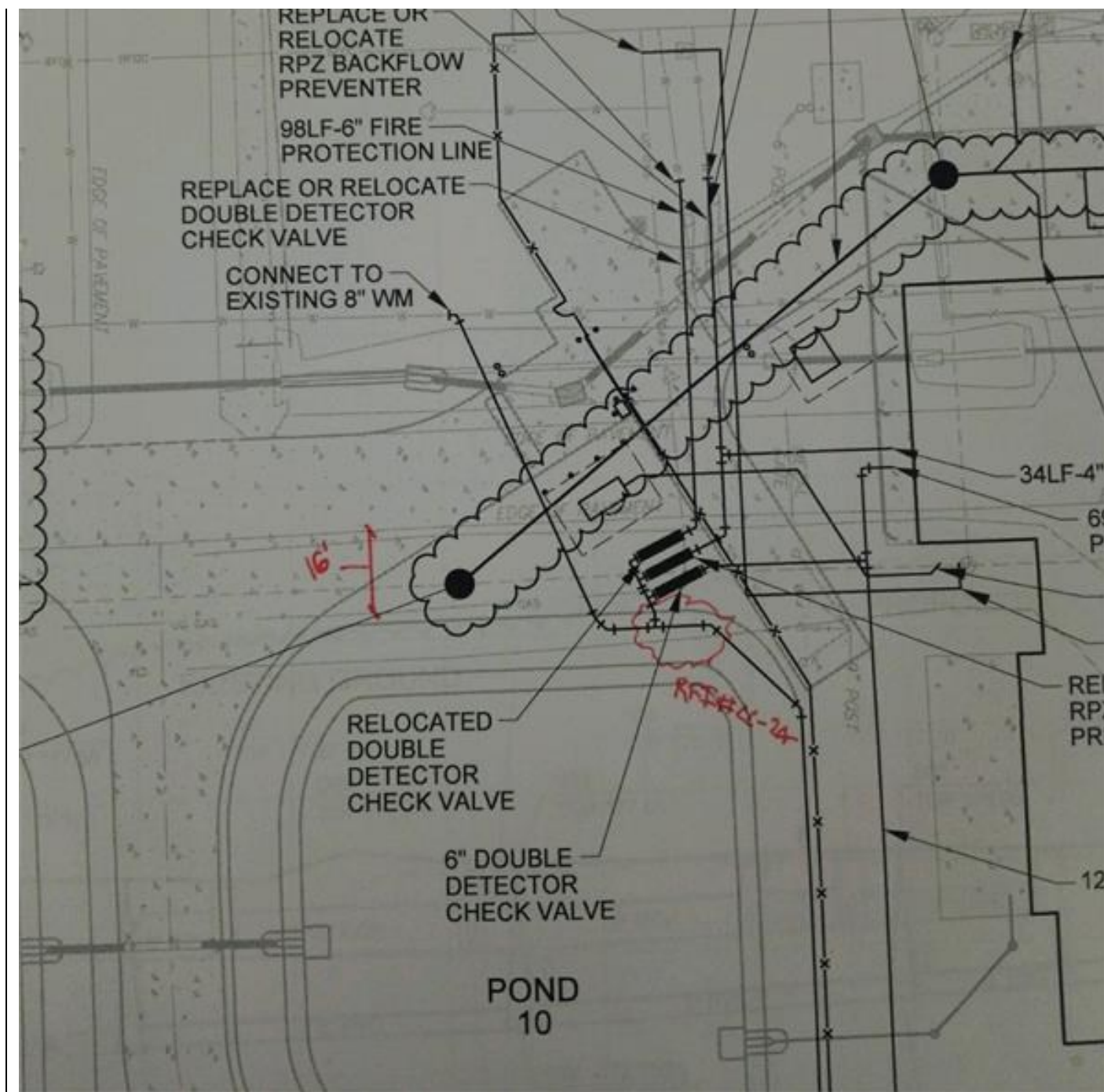
Document(s):



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Electronically signed and sealed by
William L. Lawrence, P.E., Senior Regional
Engineer on Dec 04, 2020 using a Digital
Signature.