JDS Consulting
ENGINEERING • DESIGN • ENERGY

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Construction Services / CMT - Project Closeout / Summary Report

To:		**Re:**	
Name:	Jim Moore	Project Name:	Baucom Business Park
Company:	Piney Grove Storage	Project No.:	CMT2400166
Address:	78 Piney Grove Rawls Rd.	Project Location:	114 Davella Drive
	Fuquay Varina, NC 27526		Fuquay Varina, NC 27526
Email:	jim@pineygrovestorage.com	Work Type(s):	Compaction of Soils/3rd party Footing/Slab
Phone:	910-922-7010	**Date:**	10/7/2026

JDS Consulting has completed our scope of work at the above referenced location. JDS Consulting was onsite on 10/6/2026-10/7/2026.

At the time of our site visit, 3' fill material had already been placed within the proposed building pad area. As a result, the original exposed subgrade conditions were not available for observation or evaluation by JDS Consulting.

JDS Consulting technician acquired a sample of the backfill material and performed an onsite one point proctor to determine the materials maximum dry density and optimum moisture content. JDS Consulting technician then performed compaction testing at the surface by Nuclear Density Method (ASTM D 6938: Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods) and probed the building pad with a static probe rod at the surface (MPRD=1/2") of the soil backfill material. All test locations achieved or exceeded required 95% compaction requirement, based on one point proctor value. Technician verified compaction of fill material standard laboratory proctor value based on proctor data supplied by the client (Sample 4 MDD: 120.1 at 8.6%).

Based on DCP testing and visual observations performed at the time of our site visit, the exposed fill material within the garage pad area appeared firm and stable. The measured resistance values did not indicate the presence of widespread soft or unstable conditions within the tested fill. However, because fill placement occurred prior to our arrival, the underlying native subgrade was not observed or evaluated. Accordingly, our observations and conclusions are limited to the exposed fill material and should not be construed as verification or approval of the underlying subgrade conditions that existed prior to fill placement.

JDS Consulting technician also performed a third party footing inspection and slab inspection. Technician verified footings have been excavated per plan, vapor barrier is in place and structural steel has been installed per plan in regards to size, spacing, clearance and splicing.

Based on onsite testing and observations, JDS Consulting confirms that the backfill material has been adequately compacted and has achieved or exceeded the minimum required bearing capacity.

If you have any questions or if I can be of further assistance to you on this project, please contact me at your earliest convenience.
Thank you!

Respectfully Submitted,
Brian Weston
919-349-7942

JDS Firm License Number: P-0961



Reviewing Engineer:
Jonathan Crouch, PE