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Mr. Warren Bobbitt
Phone: 850-240-0457
Proposal No.: 10115
Date: 01/10/2025

Reference: Professional Engineering Services- Concrete Foundation Inspection and Review

Work Location / Address:
328 Treebark Ln.
Cameron, NC 28326

Dear Mr. Bobbitt,

The above referenced site was visited on 10/28/2024 to perform a concrete inspection and review after completion of pouring concrete and building installation as a requirement from inspection department as concrete preparation was not reviewed and inspection from building inspector prior to pour. The customer provided stamped and sealed engineering drawings for building and foundation requirements from the original structural engineer. The pad size is 40'x60'. To confirm proper foundation requirements the below method was used.

Using a Zircon MetalliScanner MT6 Professional instrument, steel reinforcement was found in the slab and foundation which supports customer provided pictures of reinforcement prior to pouring concrete. Depth of reinforcement from top of concrete was confirmed where available. Physical measurements onsite were taken for length, width and depth of monolithic poured concrete slab. Physical digging beside foundation wall in specific places was done.

To confirm proper foundation to requirements from original building engineer to include width and depth of foundation, a core drill samples were taken. Customer provided photos of setup for 4" OD core drill including sample holes. Using this method and coring at a specific distance from edge of foundation the building foundation was confirmed.

Based on physical onsite review, review of drawings from original building engineer, and physical tests / core samples onsite. I confirm that the foundation meets the requirements from the original building engineer for foundation. The letter only covers foundation inspection of existing concrete monolithic foundation to original building engineer.

If you have questions or concerns, please call me at my office, 910-400-5036.

Respectfully,

Aaron T. Richardson, P.E.
Founder and CEO | Principal Engineer

