September 17, 2021

Carolina Carports Inc. 187 Cardinal Ridge Trail Dobson, NC 27017

Re: Light Gauge Metal Building

4" Concrete Slab



9-17-2021

Dear Sir or Madam:

This letter is in reference to a 19' wide x 24' long x 10' high light gauge metal carport that was installed at 854 Dove Road, Cameron, NC 28326 for Seth Henderson. The building was anchored to a 20' wide x 25' long x 4" thick concrete slab with $\frac{1}{2}$ " diameter post-installed wedge anchor bolts in accordance with the manufacturer's recommendations and details on the standard plans. The slab was constructed without a perimeter foundation, however, light gauge metal structures do not require a substantial foundation and extending the footing to frost depth is often not required. As the design engineer for Carolina Carports, it is my professional opinion that the installation of the carport on a 4" slab without a perimeter footing is acceptable and will provide adequate support for the structure. One of the chief advantages of the light gauge metal frame structure is that is does not need a substantial foundation for support.

If you have any questions or comments concerning this matter, please call me at (610) 620-5749. Thank you for your consideration.

Very truly yours,

Robert L. Luebbers, P.E.