December 17, 2020

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

Re: Light Gauge Metal Building

Anchor Bolt Installation



12-17-2020

Dear Sir or Madam:

This letter is in reference to a 24' wide x 35' long x 9' high light gauge metal carport that was installed at 375 Word Church Lane in Lillington, NC 27546 for Robert Bellamy. The building was anchored to an 8" concrete slab ½" 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 an 8" 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.