

SEVEN LAKES ENGINEERING SERVICES, INC.

204 E. MAIN STREET, ABERDEEN, NC 28315
TELEPHONE: (910) 673-0978 E-MAIL: 7LAKESENGRG@GMAIL.COM

July 24, 2020

Juan Martinez
Cristina Martinez
45 Viola Lane
Angier, NC 27501

Subject: Structural Assessment
45 Viola Lane
Angier, NC 27501

Dear Mr. & Mrs. Martinez,

Seven Lakes Engineering Services, Inc. (SLES) performed an inspection on July 13, 2020. The purpose of the inspection was to provide data to assess the 20'x35' storage building that was added to the subject site.

Summary and Conclusions of Inspection Observations:

Upon inspection of the subject building, SLES did not note any abnormalities with the construction of the subject building. Upon analysis of the floor system, SLES has determined the subject floor system of the building is operating at 80% capacity. Upon visual inspection of the roof system of the subject building, SLES did not note any abnormalities. The roof system is a stick built roof system with 2x8 rafters, 2x8 ridge beam and 2x4 collar ties. The collar ties for the roof system are located within the upper 1/3 of the attic. Upon inspection of the wall frame construction, SLES did not note any abnormalities with the construction of the exterior load bearing walls. The proper anchor bolts were used to attach the exterior walls to the concrete slab foundation of the subject building.

Upon further investigation, SLES recommends that a licensed electrical contractor be contacted to provide an inspection of the electrical services of the subject building. The spacing of the receptacles in the subject building must be in compliance with the 2018 NEC section 210.52.A1, "Receptacles shall be installed so that no point measured horizontally along the floor line of any wall space is more than six feet from a receptacle outlet."

If you have any questions or concerns, do not hesitate to call Shawn at our office.

Yours truly,
SEVEN LAKES ENGINEERING SERVICES, INC


7/24/20

Dr. Charles R. Farwell, Jr. P.E.
President