



September 22, 2023

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Reference: Engineering Services  
Permit # SFD 2306-0091  
Serenity - Lot 16  
95 Sneed Lane  
Fuquay-Varina, NC 27526  
TE&D Project No.: 2301-020817\_A

To Whom It May Concern;

As requested by the client, a representative of Tyndall Engineering & Design, PA (TE&D) was on-site to observe the following items:

1. Inspect and analyze the damaged I-joint above the Garage.

The following conclusions and recommendations were noted:

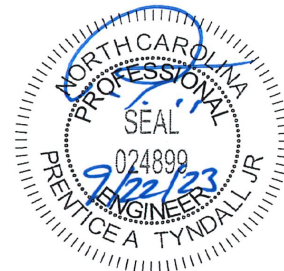
1. The 14" I-joint adjacent to the double joist above the rear of the Garage was damaged at the bottom flange. Based on our observations and analysis, the joist is to be reinforced with a 2 x 4 x 6'-0" scab installed on each side. The scabs are to extend from the wall and are to be fastened to the flange with (1) row of 10d nails at 4" o.c.

Upon completion, the modified I-joint will provide the required support for the anticipated loading conditions. We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,  
Tyndall Engineering & Design

Tripp Amos  
TA | 2301-020817\_A

Prentice Tyndall Jr., P.E.





Damaged Flange and approximate location of scabs