



June 10, 2019

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Reference: Engineering Services
97 Sherwood Lane
Sanford, NC 27332
Project No.: 1901-020304

As requested by the client, Tyndall Engineering & Design (TE&D) is providing recommendations for the following item(s):

- 1) Observe the 3rd floor structural framing components with regard to the structural integrity of the finished 3rd floor.

The following conclusions and recommendations were noted:

- 1) At the time of inspection, it was noted that the existing finished 3rd floor framing components consist of 2x8 rafters with a 1-3/4" X 14" LVL ridge and 2x8 ceiling joists. Framing components supporting the attic floor/2nd floor ceiling (covering parts of the existing dwelling other than the finished 3rd floor) were hidden from view and therefore may not be commented on by our team at TE&D. See the attached drawings.
 - a. Based on our observations and analysis, the existing 2x8 attic ceiling joists are adequate as constructed to support the existing loading conditions.
 - b. Based on our observations and analysis, the existing 2x8 rafters are adequate as constructed to support the existing loading conditions.
 - c. Based on our observations, the existing (1) 14" LVL ridge with 2x4 collar ties at 32" o.c. are adequate as constructed to support the existing 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

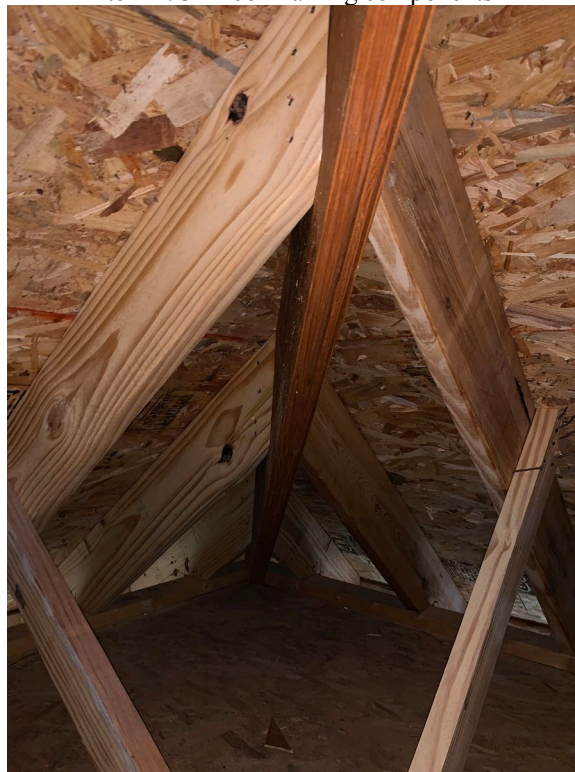
Cooper J. Luce
CJL/1901-020304

Prentice Tyndall Jr., P.E.





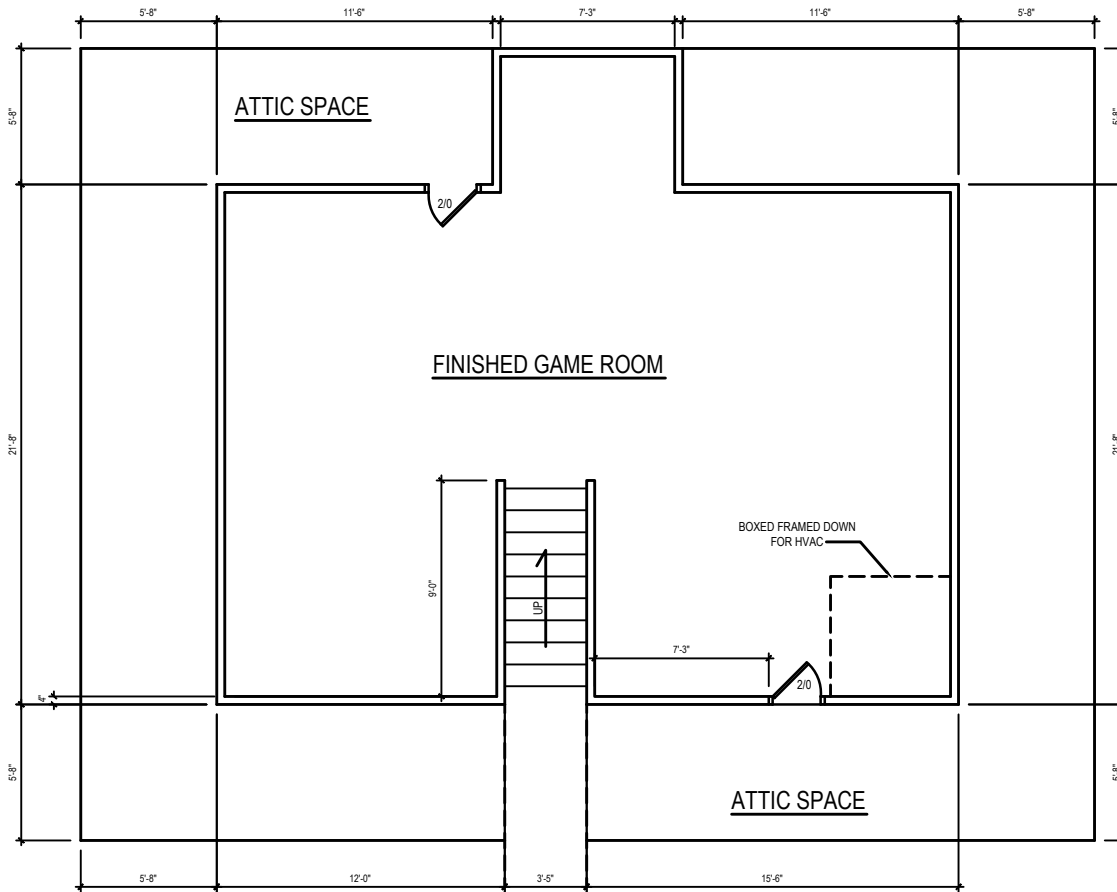
Item 1: 3rd floor framing components





Item 1: 3rd floor framing components





SECOND FLOOR PLAN

1/8" = 1'-0" CEILING HGT. = 8'-0"



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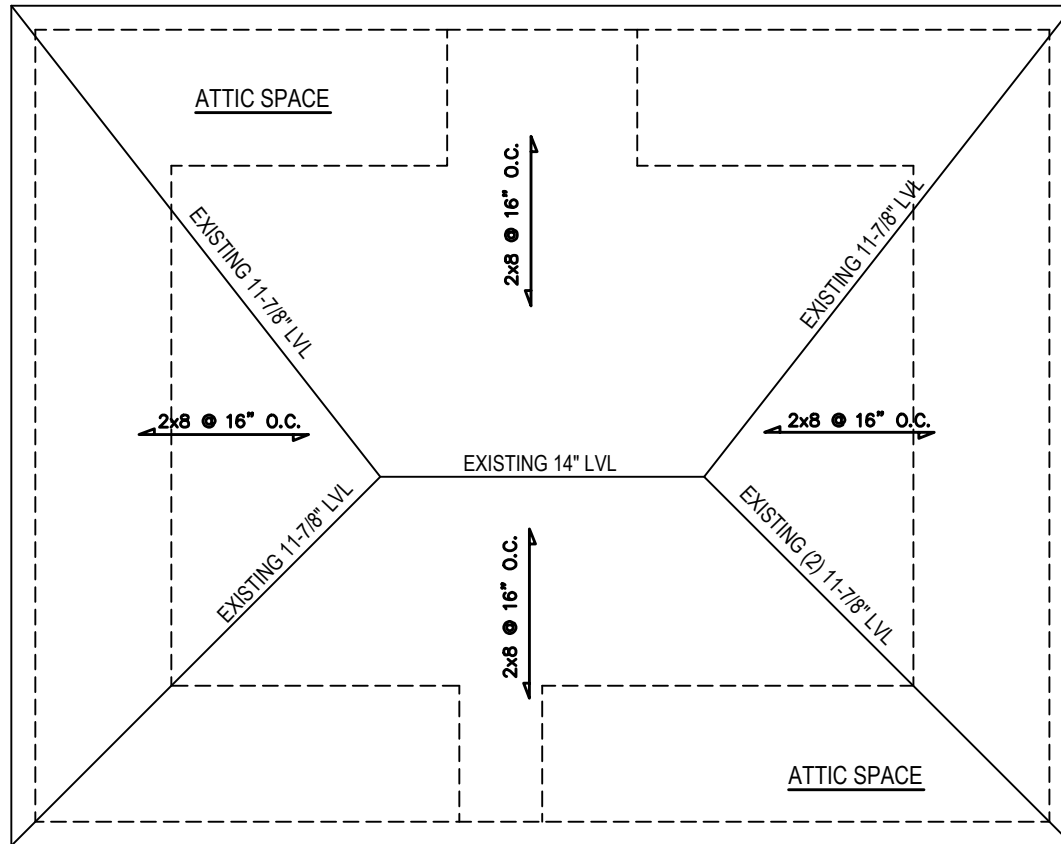
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DRAWN: HJP	CHECKED: PTII	DATE: 6/04/19	PROJECT #: 1901-020304
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ROOF PLAN

1/8" = 1'-0"



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