

GTA ASSOCIATES, INC.

GEOTECHNICAL AND
ENVIRONMENTAL CONSULTANTS

A Practicing Geoprofessional Business Association Member Firm



November 2, 2022

Ryan Homes
5734 Trinity Road
Raleigh, North Carolina 27607

Attn: Mr. Alex Brownlee

Re: **Report of Visual Observations**
Coble Farms – Lot 164
355 Hunting Wood Drive
Angier, North Carolina
GTA Project No.: 200385N164

Dear Mr. Brownlee:

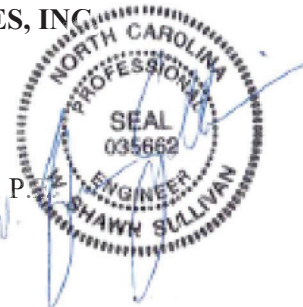
Pursuant to your request, GTA Associates, Inc. (GTA) is providing a summary of visual observation and recommendations regarding repair for framing concerns identified by the local building official at the residential home currently under construction at the above referenced address. Based on information provided by Ryan Homes representative Mr. Alex Brownlee, GTA understands the local building inspector has expressed concern regarding manufactured “knockout” holes in the webbing of TJI-joist with less than ¼-inch clear distance between the hole and joist top-flange

Based on the project information provided and based on the results of GTA visual observations during our site visit on October 31, 2022, existing prefabricated holes in the webbing of three (3) TJI-joist were observed to generally have less than ¼-inch webbing between the holes and joist top-flange. Please see the attached site photographs for reference. At the TJI’s prefabricated holes with less than ¼-inch webbing between the edge of the hole and top-flange, GTA recommends adding 2” x 4” blocking on each side of the webbing penetration, and on each side of the TJI, cut tight to fit between the top and bottom flange, and attached with 10d nails staggered at 4-inches on-center, for additional structural support.

GTA appreciates the opportunity to be of assistance to you. If GTA can be of additional assistance, or should you have questions regarding the information presented in this report, please feel free to contact our office at (984) 200-2104.

Sincerely,
GTA ASSOCIATES, INC.

W. Shawn Sullivan, P.E.
Vice President



Attachments: Site Photos (1 page)

5605 Chapel Hill Road, Suite 112, Raleigh, NC 27607 (984) 200-2104

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Ryan Homes Quail Glen - Lot 164



Photo 1: existing holes in webbing of TJI-joist



Photo 2: existing holes in webbing of TJI-joist