



April 23, 2025

Thomas Crews
DRB GROUP
1101 Slater Rd, Ste 300
Durham, NC 27703

CAMPBELL'S RIDGE COMMUNITY - LOT 6

Townsend Model – Elevation 3

2nd Floor Framing — Rear 10' x 8' Sliding Glass Door Header

M+K Project #: 126-24045 (40/02)

Reference

Structural Drawings dated 01/20/2025, prepared by Mulhern + Kulp

Mr. Crews:

Pursuant to your request, we have prepared this letter to address the 2nd floor framing plan at the rear 10' x 8' sliding glass door header. It was reported to us, by you, that with the (2) 1 3/4" x 14" LVL header that is called out on the structural plans there is not enough clearance to install the door below.

We have analyzed the rear 10' x 8' sliding glass door header for a (2) 1 3/4" x 11 1/4" LVL in lieu of the (2) 1 3/4" x 14" LVL that is called out on the structural plans, and it is our professional opinion that the shallower 11 1/4" header is adequate to support the code required loads. The existing header may be removed and replaced with the shallower sized header. Alternatively, the bottom of the existing header may be notched for the installation of the door as required (2" maximum). Contractor is to start notch at corner of door opening below with a 1" diameter hole drilled prior to making straight cuts. Contractor must not over cut notch. Existing horizontal straps shall be removed and adjusted to new depth of notched beam. Provided additional blocking as required for adjusted horizontal strap connection.

Please call with any further questions.

Respectfully,

MULHERPLATE AND STRUCTURAL ENGINEERING, INC.

NC License #: C-3825

Matthew D. Hogsten, E.I.T. *Project Engineer*

Joseph T. Ricker, P.E. *Project Manager*



Signature + Seal 04/23/2025