

J.S. THOMPSON
ENGINEERING, INC

March 31, 2025

Neil Salmon
The Ascot Corporation, LLC
30 Country Club Blvd.
Whispering Pines, NC 28327

Re: Plans engineered by J.S. Thompson Engineering, Inc.
All elevations and options

Dear Mr. Salmon:

Per your request, the required attachment of LVL plys for beams and headers was reviewed for plans under construction in all wind zones. Requirements apply for both top and side loaded conditions. Analysis revealed the following:

- 1) For depths ranging from 7 1/4" to 11 7/8", the plys are to be fastened with (3) rows of 12d nails at 12" o.c.
- 2) For depths ranging from 14" to 18", the plys are to be fastened with (4) rows of 12d nails at 12" o.c.
- 3) For depths ranging from 20" to 24", the plys are to be fastened with (6) rows of 12d nails at 12" o.c.
- 4) All nails are to be 12d (3" long). The top and bottom rows are to be located a minimum of 1 1/2" from the edges. Nails are to be located a minimum of 4" from the end of the plys.
- 5) 2-ply LVL are to be fastened from one side.
- 6) 3-ply LVL are to be fastened from BOTH sides.
- 7) The plys for 4-ply LVL and above are to be fastened as plys are assembled. Nails will be visible on the outer plys. Add self driving screws or through bolts as specified on the approved plans.
- 8) Added short LVL plys as designated on the approved plan for bearing enhancement are to be fastened as indicated above with the addition of self driving screws or through bolts indicated on the structural page.

This configuration will provide the required support for all applied loads.

Please call me if you have any questions.

Sincerely,

J.S. Thompson Engineering, Inc.
N.C. License No. C-1733


Matthew G. Strother, P.E.



3/31/2025