



Wise Engineering
3915 Old Fairground Rd.
Angier, NC 27501
(919)894-2203

May 22, 2025

ProBuilt General Contractors Inc.
Jason Pope

Subject: 93 Big J St, Erwin, NC 28339

Mr. Pope,

A representative from Wise Engineering (WE) was on site to observe the home located at 93 Big J St, Erwin, NC 28339. Specifically, we reviewed the following items:

1. The exterior wall studs within the garage
2. The framing of the exterior pony wall over the garage door header
3. Support of the stair stringers at the bonus room
4. Compaction of the #57 stone in the front porch fill

Based on our observations and analysis, we conclude the following:

1. The existing double 2x4 studs at 12" on center are structurally adequate to support the anticipated loading conditions.
2. The pony wall over the garage door header should be enhanced by installing a 2x4 to each stud at a 45 degree angle from the midpoint of the pony wall up to the ceiling of the garage to provide lateral bracing. The 2x4's should be secured to the ceiling by attaching a 2x4 perpendicular to the bottom of the roof trusses to secure the diagonal braces to.
3. The stacked 2x4's that support the stair stringers at the bonus room stairs should be secured to the bottom cord of the roof trusses with CS strap that is wrapped around both sides of the bottom cords of the roof trusses.
4. The #57 stone fill for the front porch of the home is structurally adequate without additional compaction after installation.

If you need additional information or have other questions, please let us know.

Sincerely,

Taylor Poulos

Randy K. Wise, PE

