FRAMER'S CHECKLIST

Rev: 01/2025

For use by framing contractors to ensure proper framing connection to top of Superior Walls panels. All page references made below use the Superior Walls of America Builder Guideline Booklet (Revised JAN 2025) and the 2024 International Residential Code. Additional copies of this checklist are available for download at www.superiorwalls.com.

1. Builder Guideline Booklet
   - ☐ Obtain your personal copy of the Builder Guideline Booklet

2. Building drawings
   - ☐ Confirm you are working from the approved drawing
   - ☐ Drawing date:_____ Drawing Rev:_____

3. Crawl space (Pg. 20 & 21): Confirm, with builder, one of the following:
   - ☐ 2" minimum poured concrete floor
   - ☐ 12" minimum inside fill

4. Sill plate framing connection (Pg. 24 to 27)
   - ☐ Obtain sill plate bolting frequency from builder (Table 3 on Pg. 27) (__24" OC or ___ 48" OC)
   - ☐ ½" bolts/studs with washers used to attach the sill plate to the top bond beam
   - ☐ Fastened above window & door headers (Pg. 24)
   - ☐ A minimum of 2 bolts/studs per sill plate section
   - ☐ Bolted within 12" of the ends of each sill plate section (R403.1.6)
   - ☐ Sill plate splices are at least 48" from any foundation panel joint
   - ☐ Bolted in center 1/3 of Plate

5. Perpendicular floor joist connection (Pg. 24)
   - ☐ Each joist nailed to sill plate with two 16d common nails (3-1/2" x 0.162") (or according to code)

6. Parallel floor joist connection (Pg. 24)
   - ☐ 2 x 6 end-wall braces and joist blocking located every 48" and within 12" from the interior of each corner (Pgs. 24-34)
   - ☐ 2 x 6 end-wall brace nailed to sill plate with five 10d nails
   - ☐ Obtain number of solid blocks required from builder _____
   - ☐ 1 solid block used if backfill is 0' to 7'-6"
   - ☐ 2 solid blocks used if backfill is between 7'-6" and 9'-6" for joists less than 10" in height
   - ☐ 3 solid blocks used if backfill is between 7'-6" and 9'-6" for joists that are greater than or equal to 10" in height (See fastening details on Pg. 27 to 34)
   - ☐ Blocking requires six 10d nails through floor (conventional construction) or construction adhesive on top of blocking (modular construction) (Pg. 34)

7. Modular connection (Pg. 34)
   - ☐ Obtain required spacing (32" or 48" OC) for framing straps from builder (Table 4 on Pg. 34)
   - ☐ Install framing straps between band joist and sill plate (Figure 29 on Pg. 34)
   - ☐ Nail framing strap with 1½" nails provided with straps
   - ☐ 1 nail in every nail hole

8. Wooden Shear wall (Pg. 36)
   - ☐ Determine from builder if a wooden shear wall is required (___ Yes ____ No)
   - ☐ Shear wall attached to concrete floor, wall and floor joist(s) above (per design professional specifications)

9. Stairwell header (Pg. 37 to 39).
   - ☐ Is the long side of the stairway opening within 8' of the parallel Superior Walls panel?
   - ☐ If "YES":
     - ▫ Support beam (2 x 10 sill plate and two 2 x 8's) 2'–0" past each end of the opening without splices
     - ▫ Use ½" bolts/studs with washers in every precast hole through the bond beam or threaded insert location
     - ▫ Openings larger than 9'-6" must be reviewed by an engineer or be an alternative Superior Walls Stairwell Header reinforcement design

10. Roof truss connections (Pg. 35)
    - ☐ Obtain sill plate bolting frequency from builder per Table 3 on page 27 (__24" OC or ___ 48" OC)
    - ☐ Verify with builder what structural cross bracing (for wind loads or backfill) is required for the trusses (per manufacturer's specs)
    - ☐ Verify with builder if uplift clips are required for the trusses

For additional technical information, please see the Technical Resources section of our website:

https://www.superiorwalls.com/resources/documents-center/