



2021 IRC Inspection Checklist

Underfloor

Grade:

- Grade under girders/beams is 12" min. (R317.1)
- Grade under joists is 18" min. (R317.1)
- If beams, girders, or joists are less in clearance height, pressure treated or naturally resistant woods required (R317.1)
- Verify floor elevation

Foundation:

- Verify consistency of backfill. To include materials used, firmness, and min. slab thickness and slope (if required)

Hardware:

- Anchor bolts are installed no greater than 6' apart or per plans. Max. 12" from the end of plates and no closer to the end of the plate than 3"
- Verify strapping and hold downs as per plan.

Framing:

- Verify floor plan for joists, beams, and posting.
- Verify joist and beam size, spacing, type, and grade.
- Dimensional joist bearing to be minimum 3" on concrete or masonry and 1 ½" on wood or metal. (R502.6)
- Verify lateral restraint of joists as per plan or section. (R502.7)
- Hangers installed at all required locations. (R502.7)
- Joists and beams are supported laterally at ends and at bearing points by solid blocking. (R502.7)
- Nailing of joists and rims are as on plan or code. (Table R602.3(1))
- For manufactured I-Joists, verify layout and installation guides are followed. Check blocking detail, bearing requirements, per manufacturer's specifications.
- Positive connections at post to pad, post to beam connections. (R502.9 & R407.3)
- Girder end joints occur over support. (R502.6)