READY TO INSPECT — FIELD CHECKLIST

Cold-formed metal framing rough-in inspection checklist

Cold-formed metal framing rough-in is the last time the work is fully visible. Once the cover inspection passes and the walls, ceilings and slabs close, every defect left behind becomes a demolition bill. This checklist walks the rough-in in the order the work goes in, with the photo each item needs before it gets buried. Work is commonly verified against AISI cold-formed steel standards, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The framing foreman walking each wall line ahead of the board crew, or the GC's superintendent releasing walls before rock or sheathing. When: After walls are stood and before any face is closed in, while a wrong-gauge stud or missed bridging row can still be pulled and fixed.

Submittal and material

- [ ] Crew working from the current approved CFMF submittal
  Shop drawings and product data at the wall are the latest approved CFMF submittal, superseded sheets pulled, wall types and stud schedules matching that issue.
  No photo required
- [ ] Delegated-design connections located from the submittal
  Where the approved submittal includes engineered clips, head or sill connections, each type and its locations are marked on the crew's set before install starts.
  No photo required
- [ ] Stud markings show the coating and maker in the submittal
  Printed marking on the stud web read for the manufacturer and coating designation, compared with the approved product data, on interior and exterior walls alike.
  1 photo required

Layout and track

- [ ] Wall lines match the plan and openings are located
  Top and bottom track snapped to the layout, wall lengths and rough openings checked against the framing plan before studs go in.
  2 photos required
- [ ] Track anchored with the specified fastener and spacing
  Anchor type, size and spacing along the track compared to the design, fasteners hitting solid substrate and not sitting in a slab joint or edge crack.
  2 photos required
- [ ] Track ends butted at splices with a fastener each side
  Where track runs join, ends butted tight or spliced as the submittal details, with an anchor close to each side of the joint so neither end is left cantilevered.
  1 photo required
- [ ] Corners and intersections framed to give board a fastening edge
  Corner and tee assemblies built as the submittal details, with a stud or track flange on each face where the board will land, not a gap between two walls.
  1 photo required

Studs and spacing

- [ ] Stud gauge and depth match the design
  Bundle labels or the mil marking on the stud checked against the framing schedule for that wall, not assumed from the run next door.
  2 photos required
- [ ] Stud spacing and seating in track verified
  On-center spacing measured on a run, studs seated fully into track and plumb, no gap at the track leg.
  1 photo required

- [ ] Stud punchouts lined up along each wall
  Studs set with punchouts at the same height and facing the same way, so bridging channel and services pass straight through without field-cut holes.
  1 photo required

- [ ] No spliced or pieced studs outside the submittal details
  Full-length studs from track to track, with no short pieces lapped or screwed together to make height unless the approved submittal shows that splice.
  No photo required

Bridging and heads

- [ ] Bridging rows and clips installed at the required spacing
  Every bridging row present through the wall height with clips or straps fastened both sides, none skipped mid-run.
  2 photos required

- [ ] Deflection track and slip connection at wall heads
  Deflection or slotted track at the head where the wall meets structure above, screws set to allow the designed movement and not pinning the stud solid.
  2 photos required

- [ ] Every wall head tied to structure or braced per the submittal
  Top track fastened to the deck or steel above at the spacing detailed, or walls that stop short braced with kickers to structure as the submittal shows, none free-standing.
  1 photo required

- [ ] Bridging runs anchored at their ends and lapped at splices
  Each bridging channel run ends at a clip, blocking or end stud fastened as detailed, and joins in the run lapped and fastened rather than butted loose.
  1 photo required