

Ornamental metals and railings rough-in inspection checklist

Ornamental metals and railings 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 the applicable building code, AWS D1.1. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The railing installer's lead checking the connections, or the GC's superintendent releasing embeds before concrete, tile or drywall covers them. When: After embeds and blocking are set and before the finish covers them, while a missing embed or a wrong anchor can still be added or corrected.

Embeds and base plates

- ☐ **Embed and base-plate locations match the drawings**
Every post embed or base plate present at the spacing and stations shown, elevations and setbacks correct, nothing shifted where the layout got crowded. **2 photos required**
- ☐ **Post pockets and cores set for the connection**
Cored or formed pockets at the right depth and diameter, clean and ready for the specified grout, not filled with debris or standing water. **1 photo required**

Anchorage and blocking

- ☐ **Anchor type, size and edge distance verified**
Anchors matching the connection detail, embedment and edge distance from the slab edge within tolerance for the guard load, not undersized field substitutes. **2 photos required**
- ☐ **Wall blocking for handrail brackets in place**
Solid blocking or backing behind the finish everywhere a bracket lands, located so brackets hit backing rather than hollow wall. **2 photos required**