

Masonry pre-cover inspection checklist

A masonry pre-cover inspection is the hold point before concealed work disappears behind the next layer. This checklist is built for that walk: verify, photograph, then release the cover, not the other way around. Work is commonly verified against TMS standards. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent with the mason foreman, releasing wall sections for grout pour or cavity insulation. When: After cells are cleaned out and reinforcement is tied off, immediately before the grout pour or before cavity insulation and the veneer tie system are covered.

Cell and cavity condition

- ☐ Cells clear of mortar droppings and debris before grouting
Cleanout photo showing bare cell bottom at every cleanout opening along the run. 3 photos required
- ☐ Reinforcement still centered and tied after cleanout
Bar has not shifted or been knocked loose during cleanout; positioners still holding. 1 photo required
- ☐ Grout consistency and lift height match the pour plan
Grout slump appropriate for the cell, lift heights match the low-lift or high-lift plan being used. 1 photo required
- ☐ Bond beam bar placed and continuous around corners
Horizontal bar in the bond beam courses shown, carried around corners with the bent bars or laps the detail calls for. 1 photo required
- ☐ Anchor bolts, embeds and sleeves set before the pour
Bolts, plates and sleeves at the drawn locations and projection, held by templates so grout will not shift them. 1 photo required
- ☐ Grout stop in place where only some cells are grouted
In partially grouted walls, mesh or grout screen under bond beams and beside grouted cells, so grout stays where drawn. No photo required
- ☐ Cleanouts closed and braced after the cell photos
Face shells or forms replaced at every cleanout and braced so the pour cannot blow them out. 1 photo required

Ties, flashing and weeps

- ☐ Veneer ties placed at the required spacing before cavity insulation
Tie spacing and embedment match the plan, corrosion-resistant ties used at the specified locations. 2 photos required
- ☐ Flashing continuous and turned up behind the veneer
Flashing laps sealed, end dams present, no gaps at corners before the cavity is closed. 2 photos required
- ☐ Weep holes open and unobstructed at the base of the wall
Weep spacing matches the plan, holes clear of mortar so water can drain from the cavity. 1 photo required
- ☐ Flashing installed over lintels and at shelf angles
Head-of-opening and shelf angle flashing runs past the lintel bearing, with the drip edge projecting past the veneer face. 1 photo required
- ☐ Air space behind the veneer open with no mortar bridging
Cavity clear of droppings on ties and flashing, drainage mat or mortar net in place where the spec calls for it. 1 photo required

Inspection and release

- ☐ **Special inspector or AHJ notified before the grout pour**
Notice given per the project's inspection schedule, and the pour held until the required inspection walk is done. No photo required
- ☐ **Grout or insulation crew told which sections may be filled**
The grout foreman, or the crew placing cavity insulation, has the released sections marked on the wall or plan, with held sections flagged so nothing is closed early. No photo required