READY TO INSPECT — FIELD CHECKLIST

Retaining walls punch checklist

Retaining walls punch is where small misses become callbacks after the crew has demobilized. This checklist walks the finished work the way the owner and the next trade will see it, with the photo that closes each item instead of a note that reopens it. Work is commonly verified against the project geotechnical report and specifications, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The wall foreman on a callback, or the GC's superintendent closing site-wall punch items. When: During closeout and after the first heavy rains, when a section that moved or a blocked drain first shows itself.

Movement and condition

- [ ] Bulging or out-of-batter sections flagged and reported
  Any section that has bulged, leaned or settled photographed in context and reported to the geotech for a movement call.
  No photo required

- [ ] Loose caps re-adhered
  Every cap checked by hand along the top, any loose unit re-bedded with the specified adhesive and re-aligned.
  No photo required

- [ ] Face walked joint by joint for opened or offset units
  Vertical joints, corners and steps checked along the full wall for gaps or units pushed out, each location photographed and reported rather than shimmed or patched.
  1 photo required

- [ ] Ground behind the top checked for cracks or settlement
  Area over the reinforced zone walked for tension cracks, dips or pavement cracking parallel to the wall, reported with the nearest station.
  1 photo required

- [ ] Toe checked for erosion or undermining
  Grade in front of the wall checked for scour, exposed base course or washed-out stone, and the fill and protection restored to finished grade.
  1 photo required

Drainage

- [ ] Drainage cleanouts and outlets clear
  Cleanouts and daylighted outlets rodded or flushed clear, confirmed flowing, silt or fill washed back out.
  2 photos required

- [ ] Face checked for seepage or wet staining between units
  Face looked at for water weeping through joints or staining below courses, a sign the drainage zone or outlets are not carrying water out.
  1 photo required

Engineer follow-up

- [ ] Monitoring points re-read and sent to the engineer
  Where the design set survey or movement points, a closeout reading taken and compared to the baseline, with the results sent to the wall engineer.
  No photo required

- [ ] Repairs that disturb grid or drainage routed to the wall engineer
  Any fix that means pulling units, digging behind the face or cutting grid held until the engineer gives a repair method, and that method recorded.
  No photo required