READY TO INSPECT — FIELD CHECKLIST

Post-tensioned concrete punch checklist

Post-tensioned concrete 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 ACI, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent with the PT engineer, resolving flagged tendons and detailing exposed anchorages. When: After stressing records are reviewed and the deck is walked, before pockets are hidden by finishes and the structure is loaded.

Resolution

- [ ] **Out-of-range elongations investigated and resolved** — No photo required
  Each tendon outside the calculated range evaluated by the engineer, cause identified and disposition documented before signoff.
- [ ] **Tendon or anchorage damage repaired** — No photo required
  Damaged strand, wedges or anchors repaired or replaced per the approved method, spalled pocket concrete made good, photographed after repair.
- [ ] **A stressing record exists for every tendon on the drawings** — No photo required
  Tendon marks on the stressing records reconciled against the placing drawings for the whole deck, so no tendon is missing a pressure and elongation entry.
- [ ] **Anchorage zones and slab edges walked for cracking** — 1 photo required
  Soffits and edges near anchors, and slab-to-wall or column restraint points, checked for cracks; any found mapped by location and sent to the engineer for evaluation.

Pocket closure

- [ ] **All pockets patched before finishes cover them** — 1 photo required
  Every stressing pocket confirmed packed and patched flush before the area is closed in, none left open behind a later finish.
- [ ] **Pocket patches sounded and checked for shrinkage or staining** — 1 photo required
  Patches tapped for hollow spots and looked at for shrinkage gaps, cracking or rust bleed at the edge; loose or stained patches cut out and redone per the detail.
- [ ] **Grout vents and inlets on bonded tendons cut and sealed** — No photo required
  On bonded systems, vent and inlet tubes cut back and sealed per the grouting procedure so no open path is left to the duct.

Turnover records

- [ ] **Every core or drilled anchor in stressed concrete has a scan** — No photo required
  Penetrations made after stressing matched to a tendon scan or locating record before the hole was drilled, with any strike reported to the engineer.
- [ ] **Stressing records and tendon layout in the turnover package** — No photo required
  Reviewed stressing records, the engineer's dispositions and the as-built tendon layout filed for the owner, so later coring and repairs can locate tendons.