

Post-tensioned concrete rough-in inspection checklist

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

Who runs it: The GC's superintendent with the PT subcontractor's foreman, walking the deck ahead of the pre-pour inspection.
When: After tendons are placed and tied and before concrete is placed, since the drape and hardware are unrecoverable once the pour starts.

Tendon placement

- ☐ **Profile and drape set to the support bar heights on the drawings**
High and low points at the locations shown, support bar heights measured along the tendon against the placing drawings, not set to a flat chair height. 2 photos required
- ☐ **Sheathing continuous and undamaged**
Extruded sheathing intact along each tendon, nicks and tears taped and repaired, couplers and transitions sealed before the pour. 2 photos required

Anchorage

- ☐ **Anchorage hardware and pocket formers placed and square**
Dead-end and live-end anchors seated against the edge form, pocket formers square and tight, back-up bars or bursting reinforcement per the detail. 2 photos required

Cover

- ☐ **Concrete cover to the tendon verified**
Top and bottom cover to the sheathing checked at high and low points against the drawings, tendons tied down so they don't float during the pour. 1 photo required