

Security and access control rough-in inspection checklist

Security and access control 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 NEC (NFPA 70), TIA structured-cabling standards. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The low-voltage lead pulling and dressing cable, coordinating with the door-hardware installer and the GC's superintendent before the walls are boarded. When: After device locations are marked and before drywall and ceilings close, while boxes, conduit stubs and door prep are all still reachable.

Boxes and pathways

- ☐ **Device back-boxes and conduit stubs placed and mounted**
Boxes for readers, strikes, contacts and cameras set plumb at the coordinated heights, conduit or pathway stubbed to an accessible ceiling or riser. 2 photos required
- ☐ **Mounting heights coordinated with door hardware**
Reader and REX heights matched to the lever and lockset, contact and strike locations agreed with the hardware installer against the door schedule. 2 photos required

Cabling

- ☐ **Cable type and pull match the device schedule**
Correct cable type and pair count for each device pulled to the right box, service loop left, no kinks or over-tensioned pulls. 2 photos required
- ☐ **Separation from line-voltage maintained**
Low-voltage cable kept clear of power runs and not tied to conduit, crossings kept perpendicular, supported independently in the ceiling. 1 photo required

Door coordination

- ☐ **Door prep supports readers, strikes and contacts**
Frame and leaf prepped for the electric strike or mag lock, contact pocket located on the correct jamb, wire transfer path confirmed to the leaf. 2 photos required