

Excavation support and shoring final inspection checklist

Excavation support and shoring final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening 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 GC's superintendent with the shoring engineer, walking the exposed wall before foundation work starts against it.
When: After the excavation is at final subgrade and the support system is complete, before the permanent foundation and walls are built against the shoring.

Alignment and condition

- ☐ **Completed wall alignment and plumb verified**
Wall face surveyed for line and plumb along the run, deviations compared against the design tolerance, no bulging bays or racked members. 2 photos required
- ☐ **Wall condition sound before the permanent structure ties in**
Members, lagging and connections intact at final grade, no soil loss or voids at the face where foundation work will bear. 2 photos required

Monitoring and drainage

- ☐ **Monitoring and survey points established and read**
Survey and monitoring points set on the wall and adjacent structures with a baseline reading logged and a trend where lifts have passed. 1 photo required
- ☐ **Drainage provisions in place behind the wall**
Weeps, drainage board or collection specified behind the wall present and clear before the permanent wall closes the space off. 1 photo required