READY TO INSPECT — FIELD CHECKLIST

Soil stabilization rough-in inspection checklist

Soil stabilization 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 the project geotechnical report and specifications. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The GC's superintendent or earthwork QC tech walking the section with the stabilization crew before compaction begins. When: After the subgrade is shaped and proof-rolled, once additive is spread and mixed but before the first compaction pass locks it in.

Subgrade and proof-roll

- [ ] Subgrade shaped and proof-rolled before additive
  Section proof-rolled and any soft or pumping spots dug out and replaced, grade and cross-slope close to design before spreading starts.
  2 photos required
- [ ] Section limited to what can be mixed and compacted in the window
  Spread area sized to the crew's compaction capacity so no mixed soil sits and dries before it's rolled.
  1 photo required

Additive and application rate

- [ ] Additive type matches the mix design
  Lime, cement or fly-ash matches what the geotechnical mix design calls for, delivery tickets photographed against the spec.
  2 photos required
- [ ] Spread rate verified against the design
  Application rate confirmed by bag count or spreader ticket over the measured area, compared to the pounds per square yard the design requires.
  2 photos required

Mixing and moisture

- [ ] Mixing depth checked in the section
  Mixer cut probed or dug to confirm the additive is blended to the full design depth, not just the top few inches.
  2 photos required
- [ ] Moisture conditioned into the compaction window
  Soil watered or aerated to the moisture range the design calls for before compaction, uniform color with no dry pockets or ponded water.
  1 photo required