3D Printed Concrete Completed Wall Inspection Checklist

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Project	Location	Status

Date	Completed by

Geometry

No.	Done	Check / Requirement	Result	Notes / Evidence
1	☐	Completed wall/segment location and orientation agree with the current approved drawings.		
2	☐	Recorded wall height, thickness, line and plumbness meet approved tolerances.		
3	☐	Openings, reveals, corners and connection zones are in their approved positions and dimensions.		

Wall condition

No.	Done	Check / Requirement	Result	Notes / Evidence
4	☐	Printed layers show no unassessed tearing, gaps, voids, local collapse or excessive deformation.		
5	☐	No visible cracking or suspected separation/delamination remains without a documented disposition.		
6	☐	Restart interfaces and previously reported defect areas have been inspected and their status recorded.		

Concealed work and interfaces

No.	Done	Check / Requirement	Result	Notes / Evidence
7	☐	Required reinforcement, anchors, grout/cavity infill and embed inspections are traceable to earlier release records.		
8	☐	Service penetrations, sleeves and junctions to conventional construction match the approved details.		

Curing and protection

No.	Done	Check / Requirement	Result	Notes / Evidence
9	☐	Specified curing and protection measures have been applied and documented for this wall/segment.		

Sampling and records

No.	Done	Check / Requirement	Result	Notes / Evidence
10	☐	Sampling/specimen IDs, material batches and print logs are traceable to the inspected wall/segment.		
11	☐	As-built survey and relevant inspection photographs are recorded against the correct wall/segment.		

Disposition

No.	Done	Check / Requirement	Result	Notes / Evidence
12	☐	Open defects, repairs, NCRs or nonconforming measurements have recorded hold or approved technical disposition.		
13	☐	Required completed-wall inspection notifications and stage releases have been recorded before subsequent work.		

Comments / Follow-up

Checklist guidance

Use once for the completed wall or segment at the specified post-print inspection stage. This is not a substitute for later laboratory results or final project acceptance. Verify the approved drawings, qualified print system and project ITP. Record actual dimensions and evidence in the inspection record and route deviations through the project disposition process. For the complete before/during/after inspection guidance and the other visit-specific checklists, read the Quollnet inspection guide: https://quollnet.com/article/3d-printed-concrete-inspection-checklist

Tick the box when complete. Record Not done or N/A in Result and note any follow-up.