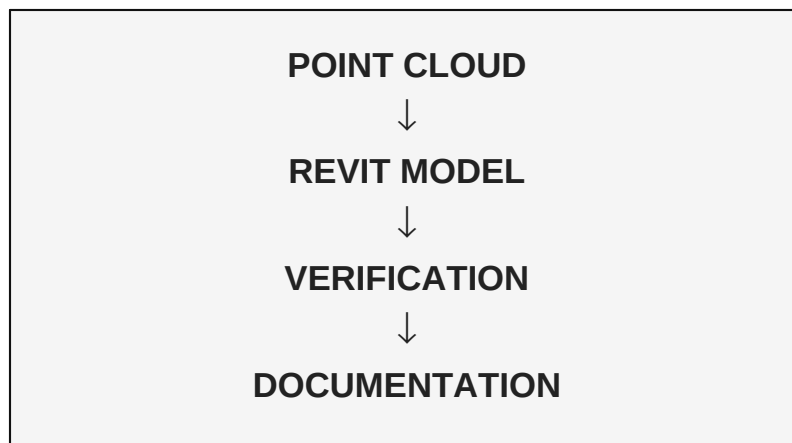




SCAN-TO-REVIT READINESS CHECKLIST™

Can You Actually Handle a
Scan-to-Revit Project?



A practical self-assessment for architecture students, architects, BIM professionals, freelancers, and aspiring Scan-to-BIM specialists.

Created by CJ Noble Visuals



How to Use This Checklist

This is a self-assessment—not an exam. Don't Google the answers while you're taking it. Check an item only if you could confidently do it on a real project today.

Your goal: identify where your current Scan-to-Revit workflow is strong—and where you would probably need guidance before accepting a real project.

Point Cloud Understanding

___ / 6

Revit Project Setup

___ / 7

Modeling From Reality

___ / 9

Verification & Quality Control

___ / 6

Professional Documentation

___ / 7

TOTAL SCORE: _____ / 35

Be honest. The point isn't to get a high score. The point is to find the gap.



01

Point Cloud Understanding

Can you read the scan before trying to model it?

- I understand what point-cloud density tells me about the scan.
- I can navigate a large point-cloud dataset without getting lost.
- I can identify obvious scan noise or irrelevant data.
- I understand that some areas may be incomplete or obstructed.
- I can recognize when the scan does not provide enough information.
- I can use the point cloud as evidence rather than blindly tracing it.

My score for this section

___ / 6

Quick reminder: A point cloud gives you information about reality. Your job is to interpret that information before you model it.



02

Revit Project Setup

Can you prepare the project correctly before modeling?

- I can set up a Revit project for an existing-condition workflow.
- I can establish levels based on the scanned building.
- I understand project orientation and reference direction.
- I know how to position and manage the point cloud in Revit.
- I understand units and project setup requirements.
- I can organize views so the model can be built and checked efficiently.
- I can choose appropriate Revit families for the project.

My score for this section

___ / 7

Quick reminder: Good setup prevents expensive rework later. Sometimes the fastest modeler is simply the person who prepared the project correctly.



03

Modeling From Reality

Can you turn imperfect real-world information into a structured model?

- I can model walls from point-cloud information.
- I can model floors and ceilings from existing conditions.
- I can interpret and model doors and windows.
- I can handle columns and other major architectural elements.
- I can model roofs or other complex geometry when required.
- I can make reasonable decisions when geometry is unclear.
- I understand the difference between modeling what I see and modeling what is required.
- I can maintain a consistent level of accuracy throughout the model.
- I can keep the Revit model organized while working through a large scan.

My score for this section

___ / 9

Quick reminder: Existing buildings are rarely perfect. Good Scan-to-Revit work requires judgment—not just tracing.



04

Verification & Quality Control

Can you prove that your model actually matches reality?

- I can compare my Revit model against the point cloud.
- I can identify modeling errors during review.
- I can check important dimensions against the scan.
- I can identify missing or incorrectly modeled elements.
- I can systematically review alignment and geometry.
- I understand that verification is part of the workflow, not an optional final step.

My score for this section

___ / 6

Quick reminder: If you don't compare the model back against the scan, you don't really know whether your model is accurate.



05

Professional Documentation

Can you turn the model into a useful project deliverable?

- I can create usable floor plans from the model.
- I can produce elevations and sections.
- I can apply dimensions and annotations appropriately.
- I can tag key architectural elements.
- I can create schedules when the project requires them.
- I can organize sheets and views professionally.
- I understand how the final deliverable should serve the client's actual need.

My score for this section

___ / 7

Quick reminder: A BIM model becomes valuable when it can support an actual project need—not merely because it looks complete.



Your Results

Add your five section scores and see where you currently stand.

TOTAL SCORE	WHAT IT MEANS
0–10	Foundation Stage — You're still building the fundamentals.
11–20	Developing — You understand parts of the workflow but need more integration.
21–29	Project Ready — You have a solid base; focus on accuracy, speed, and real project practice.
30–35	Advanced — You're ready to strengthen your portfolio and tackle more complex work.

The real question isn't "What did I score?"

It's: "What can I confidently do when a real point-cloud project lands on my desk?"

If your score exposed gaps, that's not a bad thing. You now know exactly what to work on.



You Know Where You Stand.

Now, learn the workflow.

Scan-to-Revit Mastery™ is a project-based training program designed to take you through the complete workflow:



Founding Cohort Opens October 15, 2026

The goal isn't another certificate sitting in your downloads folder.

The goal is to reach the point where a client can hand you a point cloud and you can say:

“Yep. I know exactly where to start.”

**READY TO BUILD THE SKILL?
SCAN-TO-REVIT MASTERY™**

Point Cloud → Revit → Verification → Documentation → Portfolio

→ **CLICK HERE TO SEE THE PROGRAM**

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