CJ NOBLE VISUALS

Scan-to-Revit Readiness Checklist™

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

35 questions. 5 skill areas. One honest look at your readiness.

Take the interactive assessment

Scan the QR code or open the link below to calculate your score and identify your skill gaps.

https://scan-to-revit-readiness.netlify.app/

How to Use This Checklist

This is a self-assessment—not an exam. Check an item only if you could confidently do it on a real project today. Your goal is to identify where your current Scan-to-Revit workflow is strong—and where you would probably need guidance before accepting a real project.

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

Your Readiness Levels

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 Five Skill Areas

1. Point Cloud Understanding — 6 questions

2. Revit Project Setup — 7 questions

3. Modeling From Reality — 9 questions

4. Verification & Quality Control — 6 questions

5. Professional Documentation — 7 questions

Workflow: Point Cloud → Revit Model → Verification → Documentation → Portfolio

Interactive assessment: https://scan-to-revit-readiness.netlify.app/

MODULE 01 — Point Cloud Understanding

Can you read the scan before trying to model it?

Score: _____ / 6

- ■ 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.

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

Notes / practice priorities:

Want your score calculated automatically? **Open the interactive checklist →**

MODULE 02 — Revit Project Setup

Can you prepare the project correctly before modeling?

Score: _____ / 7

- ■ 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.

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

Notes / practice priorities:

Want your score calculated automatically? **Open the interactive checklist →**

MODULE 03 — Modeling From Reality

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

Score: _____ / 9

- ■ 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.

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

Notes / practice priorities:

Want your score calculated automatically? **Open the interactive checklist →**

MODULE 04 — Verification & Quality Control

Can you prove that your model actually matches reality?

Score: _____ / 6

- ■ 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.

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

Notes / practice priorities:

Want your score calculated automatically? **Open the interactive checklist →**

MODULE 05 — Professional Documentation

Can you turn the model into a useful project deliverable?

Score: _____ / 7

- ■ 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.

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

Notes / practice priorities:

Want your score calculated automatically? **Open the interactive checklist →**

Your Results & Next Step

Add your module scores below, then total them to estimate your current readiness.

Skill area	Your score	Max
Point Cloud Understanding	____	6
Revit Project Setup	____	7
Modeling From Reality	____	9
Verification & Quality Control	____	6
Professional Documentation	____	7
Total	____	35

What Your Score Means

0–10: Foundation Stage | 11–20: Developing | 21–29: Project Ready | 30–35: Advanced

A high self-assessment score is not a substitute for supervised practice, project-specific requirements, or quality control. Use your gaps to decide what to practice next.

Ready to Build a Reliable Scan-to-Revit Workflow?

Scan-to-Revit Mastery™ focuses on the workflow from point-cloud interpretation and Revit setup through modeling, verification, documentation, and portfolio development.

Take the interactive assessment
Get an automatic score and a personalized list of unchecked skill areas.

Open assessment →

Explore training:
scantorevit.cjnoblevisuals.com

© CJ Noble Visuals. Scan-to-Revit Readiness Checklist™ is a trademark of CJ Noble Visuals.