

Exam Guide

Autodesk Certified Professional in Revit for Architectural Design

Congratulations on taking the next step towards earning your Autodesk Certification!

The purpose of this guide is to help prepare you for the Autodesk Certified Professional in Revit for Architectural Design beta exam. Review this document carefully to better understand the requisites needed to prepare for this exam. Further details about the beta exam can be found in the [our Beta exam FAQs](#).

Note: You won't have access to the software during the exam, as all questions are in a selected response format and are designed to be answered without the software user interface. Learn more about our exam format and question types in our [Autodesk Certification FAQs](#).

Candidates who successfully achieve a passing score on this certification exam demonstrate advanced knowledge and skills in Revit for architectural design that provides the opportunity for individuals to stand out in a competitive professional environment.

Prerequisites skills

The Autodesk Certified Professional in Revit for Architectural Design exam is intended for students and industry professionals who possess leading edge knowledge and skills in Revit for architectural design. This industry validated certification created by Autodesk is intended for Revit users who have mastered associated workflows, processes, and project objectives, in an academic program or professional architecture or design-built engineering environment.

We recommend candidates possess proficiency in the core Revit skills outlined below prior to taking this exam.

It's expected that all candidates will already know how to:

- Navigate the user interface.
- View and navigate a model.
- Open and save files and understand available file types.

- Understand the concepts of architectural 3D modeling.
- Create a basic 3D model by using out-of-the-box system and loadable architectural components, including creating new types within the project.
- Understand the differences between instance and type parameters.
- Use pre-created materials in the model.
- Modify objects using modifying tools.
- Place rooms and areas.
- Set up basic schedules.
- Set up basic 2D views (e.g., plans, sections, elevations, and drafting views).
- Set up basic 3D views (e.g., section box, camera views, and oriented views).
- Use preconfigured annotation elements (e.g., dimensioning, text, and tags).
- Set up documentation sheets.
- Annotate revisions on a sheet.

Beta exam information

Total time required for beta exam: 180 minutes

Sample test

This is a sample test for the ACP in Revit for Architectural Design. It includes sample exam content and the question types you'll encounter on the exam.

- Multiple choice: This item measures a candidate's ability regarding a specific content topic. A multiple-choice item has a stem which asks a question and provides multiple possible answers. One answer is correct unless the candidate is asked to provide more than one answer as correct.

Select a single correct answer:

An architectural designer wants a tile material to appear on a floor in the model. How can this be accomplished?

- A) Open the Object Styles dialog and change the Line Pattern to a tile pattern for the Floors category.
- B) In the Visibility/Graphic Overrides dialog, set the Material to the tile material for the Floors category.
- C) For each room, set the Floor Finish to the tile material.
- D) Edit the floor type and specify a tile material for the top-most layer in the floor assembly.

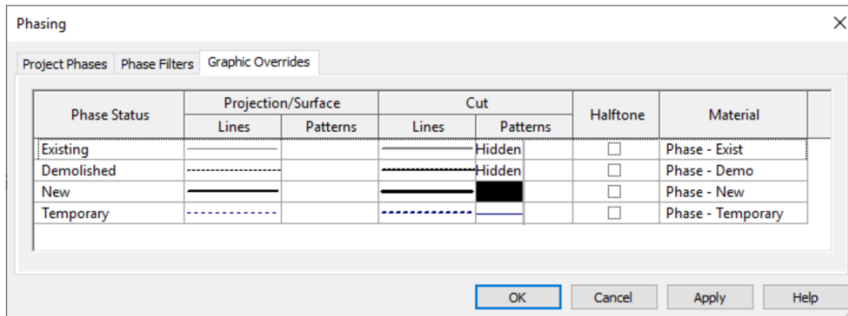
Multi-select (select multiple correct answers):

Which two methods are used to cut a horizontal or vertical projection from a wall? (Choose two.)

- A) Select the Cut Geometry tool, select a reveal profile, and place it in a wall.
- B) Click Opening By Face, select a wall, and then sketch the projection to cut.
- C) Select the Wall: Reveal tool and add a vertical or horizontal reveal in a wall.
- D) Open the wall in the Family Editor and add a reveal profile to the wall type.
- E) Modify the wall type and add a reveal profile to the wall structure.

- Drag and drop: This item measures a candidate's object association and placement skills with a drag-and-drop question. Test takers select and reposition answer options within a list or graphics.

Refer to exhibit.



An architectural designer is configuring graphic overrides as shown in the exhibit.

Drag and drop each Phase Status to the correct corresponding description.

Scenarios

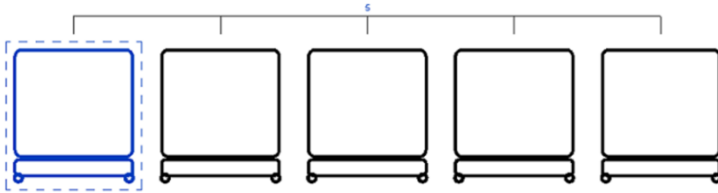
Demolished	Existing
New	Temporary

Answer Area

-
- The Phase Created value of the element matches the current phase of the view.
-
- The Phase Created value of the element is from a previous point in the timeline of the current phase of the view.
-
- The Phase Created value and the Phase Demolished value of the element matches the current phase of the view.
-
- The Phase Created value of the element is from a previous point in the timeline of the current phase of the view. The Phase Demolished value of the element matches the current phase of the view.

- Active screen: This item measures a candidate’s familiarity with the software’s UI by using interactive images of the software tools, menus, or options.

Refer to exhibit.



An architectural designer is creating a parameter for the array shown in the exhibit.

The number of chairs in the array need to vary per instance. The total number of chairs used in the project must be calculated in a schedule.

How should the parameter data be configured?

Answer Area

Parameter Type:

Type of Parameter:

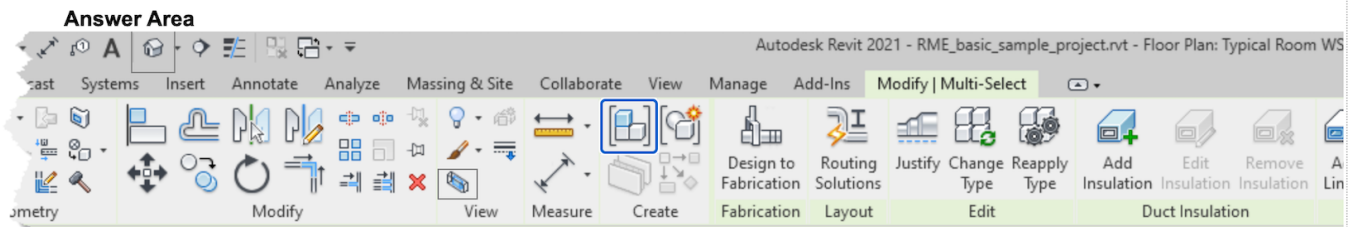
Type/Instance:

- Hot Area: This item measures the ability to answer a question by clicking on “hot” areas of an exhibit. Hot area items are essentially multiple-choice items with graphical answer choices.

A mechanical designer is routing ductwork through a building model. To coordinate with other disciplines, the designer wants to view an area in their default 3D view where the links are visible.

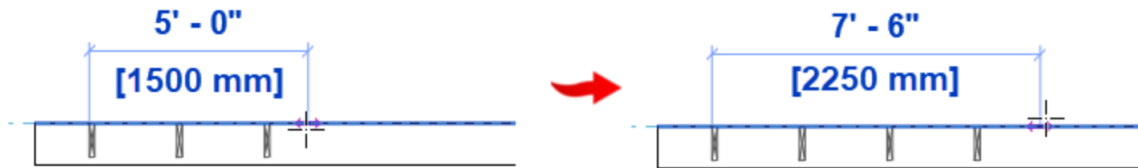
The designer has selected the components in plan view.

Select the tool that the designer should click on to view the selected components.



- Graphic Interpretation: This item measures a candidate's ability to read a graphic and interpret the information successfully.

Refer to exhibit.



The layout of a detail component needs to be configured as a repeating detail. The desired results are shown.

Which layout option should be used?



- A.
- B.
- C.
- D.