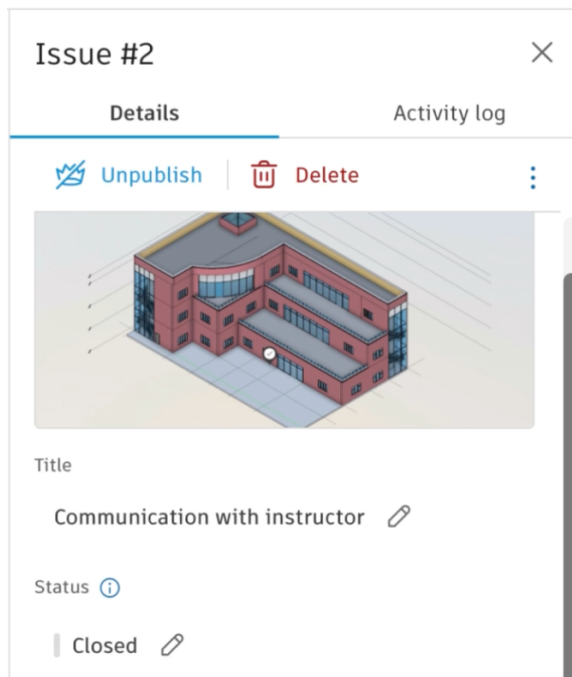


Project challenge – Grading Rubric**Review design changes and create project issues in Forma Data Management**

Using Forma Data Management, review design changes between two versions of the architectural model and document the changes using project issues.

Scenario:

As a VDC coordinator for a construction team, your goal is to compare model versions, identify design changes, locate the applicable specification sections, and create issues that include the relevant specification references.

**Complete the required activities**

- Be sure to upload the datasets that accompanies this project challenge first.
- Compare Version 1 (Datasets **Version 1/Architectural Model.rvt**) and Version 2 (Datasets **Version 2/Architectural Model.rvt**) of the Architectural Model using the Compare tool and identify the window that was added in Version 2.
- Create an issue for the newly added window using the Communication with Instructor issue template. Include an appropriate title, viewpoint, and publish the issue.

- Use the Specifications tool to locate the specification section related to windows and add the specification reference to the window issue.
- Using the comparison results, locate the modified slab-on-grade (SOG) and review the design changes.
- Create an issue for the modified slab-on-grade using the Communication with Instructor issue template. Include an appropriate title, viewpoint, and publish the issue.
- Use the Specifications tool to locate all specification sections related to slab-on-grade (cast-in-place concrete) and add the specification references to the SOG issue.
- Review both published issues to verify that the viewpoints, specification references, and issue information have been added correctly.

Success criteria

- **Accurate design review:** Design changes between the two model versions are correctly identified using the Compare tool.
- **Complete issue documentation:** Issues are created, published, and include appropriate viewpoints and the required model references.
- **Correct specification references:** Relevant specification sections are located and attached to the appropriate issues.

What to submit

- **Forma Data Management:** Your instructor has access to your work on Autodesk Forma for Construction so there is no need to submit anything beyond the required activities above.

Grading rubric

	Advanced	Proficient	Basic	Emerging
Design review	All required design changes are correctly identified using the Compare tool, and the affected model elements are accurately located.	Most design changes are identified with only minor errors.	Some design changes are identified, but important changes are missed.	Design changes are not correctly identified or reviewed.

Issue creation	Both issues are created, published, and include complete information, viewpoints, and the correct model references.	Issues are created with only minor missing information.	Issues are incomplete or missing required details.	Issues are missing or not published correctly.
Specification references	All relevant specification sections are correctly identified and attached to the appropriate issues.	Most specification references are correct with only minor omissions.	Some specification references are incorrect or missing.	Specification references are not attached or are largely incorrect.