

## Special Parameter - Exclude from Gravity Point Calculations

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To insert the Gravity Point or to calculate the mass of an Assembly, all solids in the Assembly must have a material with an assigned density parameter.

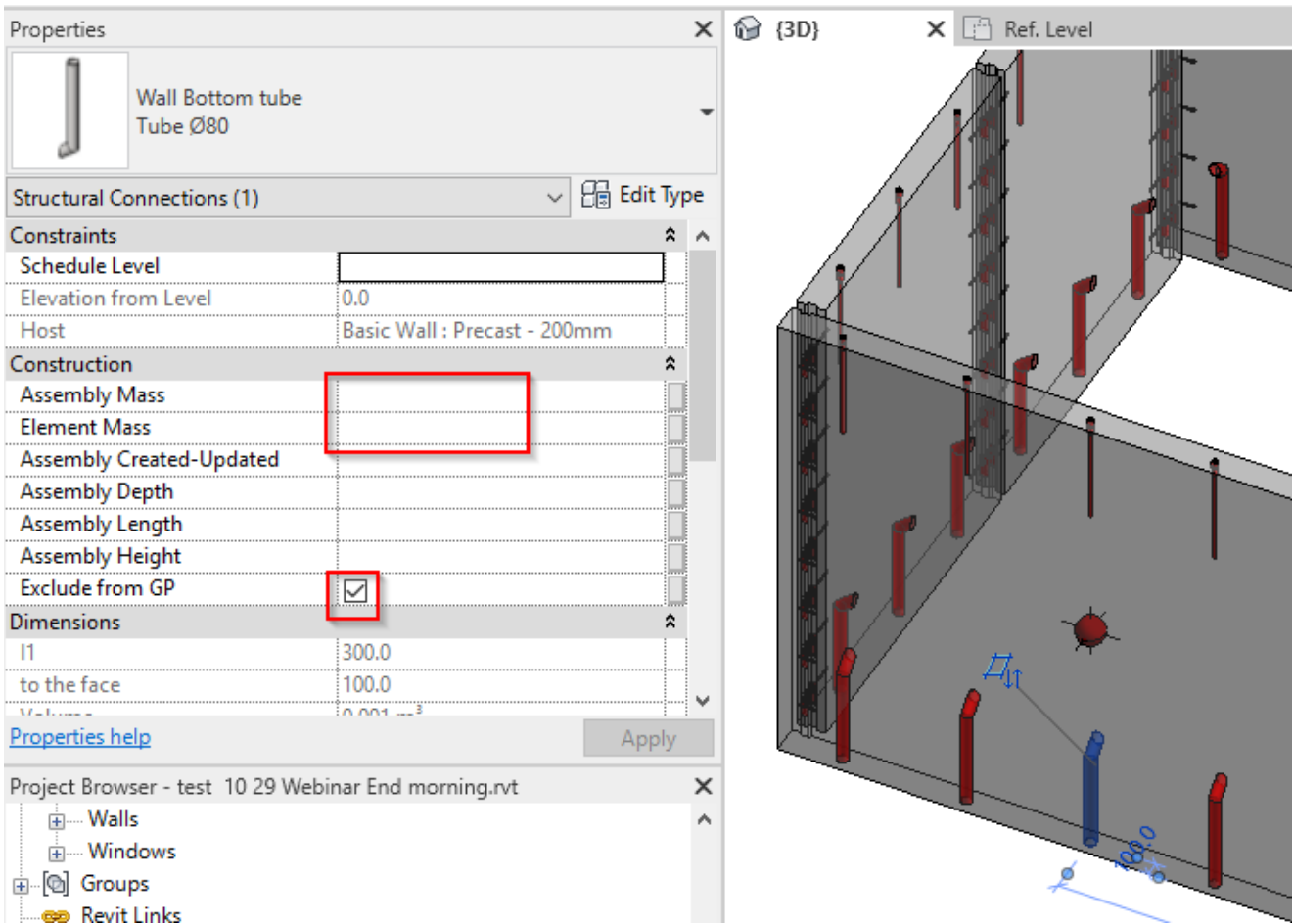
By using **Exclude from GP** parameter, you can make an exception to that.

The screenshot shows the 'Parameter Properties' dialog box with the following settings:

- Parameter Type:** Project parameter (selected). Description: (Can appear in schedules but not in tags).
- Parameter Data:**
  - Name: Exclude from GP
  - Discipline: Common
  - Type of Parameter: Yes/No
  - Group parameter under: Other
  - Instance (selected) vs Type
  - Values are aligned per group type (selected) vs Values can vary by group instance
  - Tooltip Description: <No tooltip description. Edit this parameter to write a custom tooltip. Custom tooltips hav...
- Categories:**
  - Filter list: <show all>
  - Hide un-checked categories:
  - Generic Models (checked)
- Buttons:** OK, Cancel, Help
- Footer:**  Add to all elements in the selected categories

All elements that have this parameter turned ON will not be included when calculating the Assembly mass or center of gravity.

In this example, the grout tube for a precast wall has this parameter active, so the Assembly Mass and Element mass parameters are empty:



Other families, however, were included in the calculation of the assembly mass and enter of gravity.

