

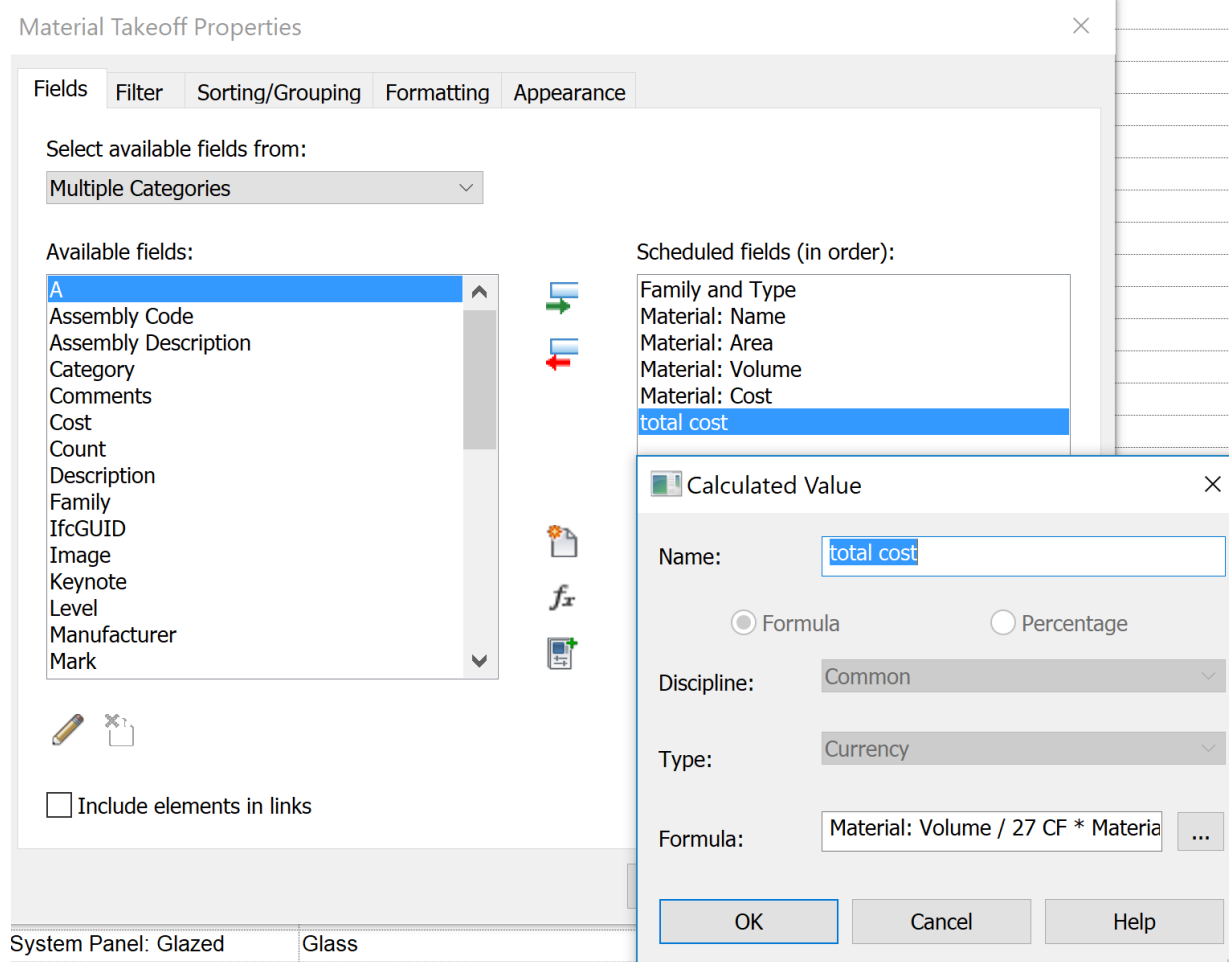
Creating Cost Estimate for Cast in place Concretes (Voluntary)

Step 1. Select one of the walls in your project, right click and select “select all instances in the entire project”, then from the properties pallet, select “Edit Type”, and edit the structure of the wall, setting “cast in place concretes” as the main material.

Step 2. From the identity tab specify a cost for the unit of analysis that is used in the project (i.e. 90\$ per cubic yard). (You can also specify the cost for the unit of analysis later from the schedule).

Step 3. Repeat step 1 for your foundation items.

Step 4. Perform a multi-category take off to calculate total volume and cost of the cast-in place concrete in your building. Select Family & Type, Material: Name, Material: Area, and Material: Volume, and Material: Cost, as the scheduled fields. Also, add a parameter called “total cost” (Discipline:Common; Type: Currency) for calculating total cost of the concrete using this formula: “Material:Volume/1 CY* Material:Cost”. Edit the formatting so that the report looks clear and readable.



Step 5- Exporting the schedule: From the application menu, select “export”, then “Reports” and then “schedules” and export the “multi-category-material-takeoff” to the .txt format & send it to me privately via telegram (0012063710659), whatsapp (09121269413), or e-mail (hoda@uw.edu).

Creating the schedule for Curtain wall panels

Step 1- Create a new Schedule (named Panel Schedule 1) for curtain wall panels that includes Family and Type as well as Area as parameters. Make sure the schedule lists the total amount of glazed paneling (listed as area measured in square feet) indicated in the model.

Step 2. Export this schedule as Panel Schedule 1.txt and send to me privately via telegram (0012063710659), whatsapp (09121269413), or e-mail (hoda@uw.edu).