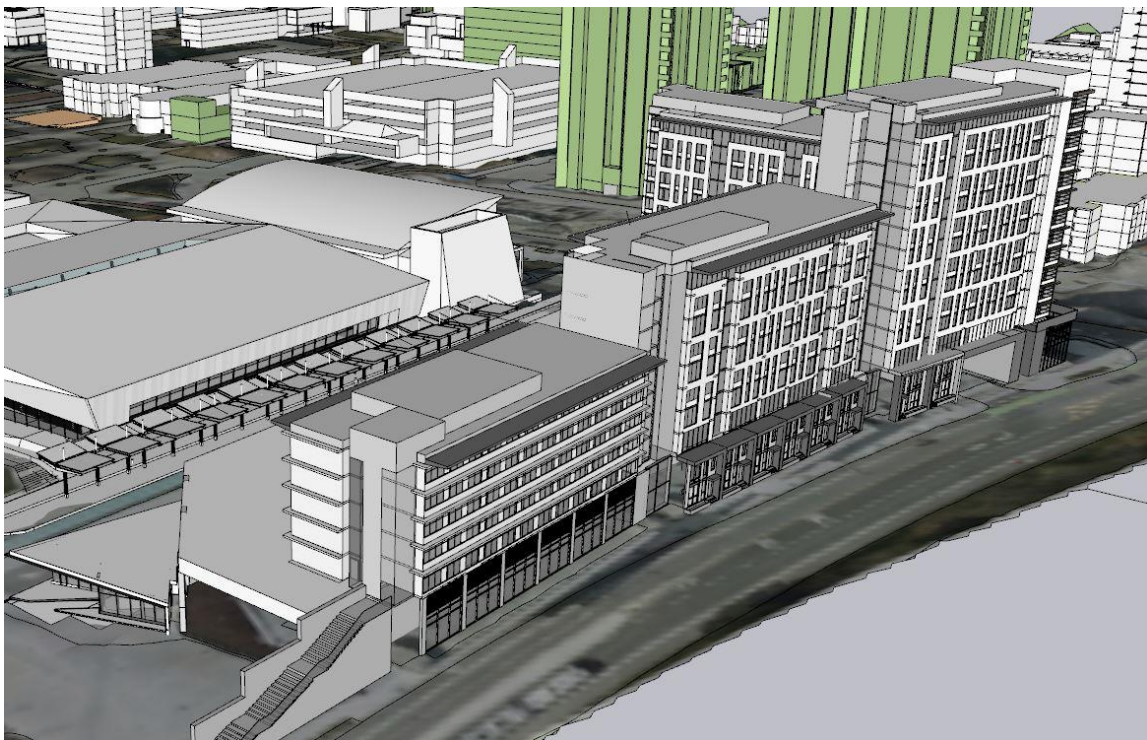




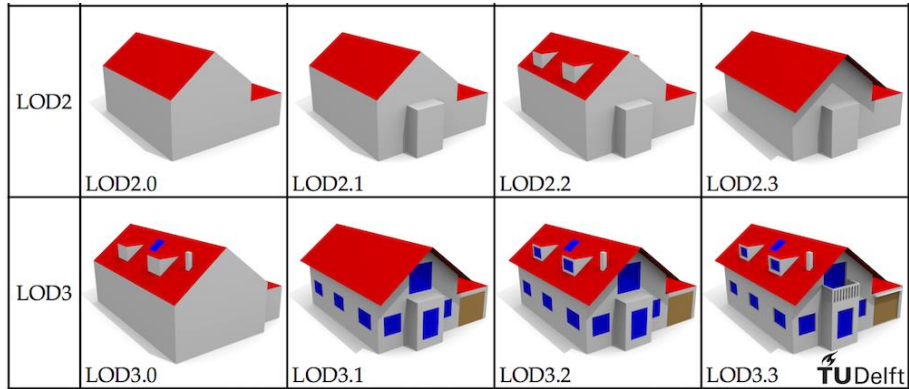
3D Model Requirements:

3D models of developments on UBC lands support urban design analysis ranging from the project itself and immediate adjacencies to the development to campus wide planning and design. Models are required for new buildings, additions, or structure that are greater or equal to 100 GSM. The basic requirements are:

1. The extent of the model should align with the physical extent of the project intervention.
2. The model should include:
 - a. all exterior architectural (envelope and visible structure)
 - b. above grade landscape/civil scope (grading, layout and significant trees).
 - c. Interior elements are desired where they relate to the exterior of the building (i.e. atriums, feature stairs, etc).
 - d. Large mechanical equipment can be represented as blocks or as screened areas.
3. The graphic definition of the model should reflect a [Level of Development \(LOD\) 300](#). (See below for a snapshot example of exterior architectural definition of the model and LOD examples.) Note: The submission should strive for a level of definition that allows the scale relative to a person to be easily legible.
4. The model should be as 'watertight' as possible, i.e., no significant gaps in the exterior envelope.
5. Provided in SketchUp and AutoCAD format.
6. Georeferenced and positioned using UTM coordinates (in AutoCAD).
7. Metric units.



Example image of model



LOD examples. LOD 3.2/3.3 is required.

Image source: <https://filipbiljecki.com/code/img/R3-refinedLODs.png>

Submissions:

Preliminary submission – Development Permit:

- Model reflects building at Development Permit application stage.
- Model incorporates Advisory Urban Design Panel (AUDP) revisions.
- Due at time of Development Permit application.

Final submission – Building Permit:

- Model reflects building at full Building Permit occupancy stage.
- Model incorporates all revisions and represents the building as constructed.
- Due prior to receiving occupancy.

Please submit 3D models to the staff listed below. In addition, attach correspondence confirming the final model submission acceptance to your building occupancy checklist submission.

Planning and Design Assistant 2, Planning and Design
Contact: Nena Vukojevic, 604 827 3230, nenavukojevic@ubc.ca

Urban Design Planner – Architect, Planning and Design
Contact: Brett Liljefors, 604 822 6883, brett.liljefors@ubc.ca

Planning Assistant, Development Services
Contact: tbd

For questions or clarifications, please contact Nena Vukojevic.