

3D Model Submission Guide

What is the 3D Model Submission Guide

City of Parramatta Council operates a 3D visualisation platform. This guide provides technical advice for submitting the 3D model to Council for planning and approval related purposes.

It is the consultant's responsibility to ensure that the 3D model is complete and accurately represents the proposal. City of Parramatta Council reserves the right to request a re-submission of the 3D model if these specifications are not met.

What is the 3D model used for?

The proposed development's 3D model will be inserted into the City of Parramatta Council's 3D visualisation platform and used for detailed assessment which may include, but not limited to:

- Built form compliance and assessment of impacts
- Overshadowing impacts
- Response to existing built form and public domain context, including heritage
- Response to future built form context
- Other planning and urban design related assessment

What is the process for submitting the 3D model?

- Review the 3D model submission requirements, ensuring all specifications are met; and
- Send the 3D model to City of Parramatta Council for assessment

For technical queries please contact:

(02) 9806 5238

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1. REQUEST FOR EXISTING 3D CONTEXT MODEL RECOMMENDED

2. 3D MODEL SUBMISSION REQUIREMENTS

3D Formats

ACCEPTABLE FORMATS

- .SKP
- .IFC
- .OBJ
- .DAE

3D Model Specifications

- Units: Meters (m) within 2 decimal places
- Model to be orientated to True North
- Building model, terrain mesh & cadastre boundary to be grouped on one layer.
- To assist with geo-referencing of the model, applicant to ensure that the model is located within the cadastre boundary on the terrain mesh provided by Council
- File size maximum 50MB.

Naming Convention

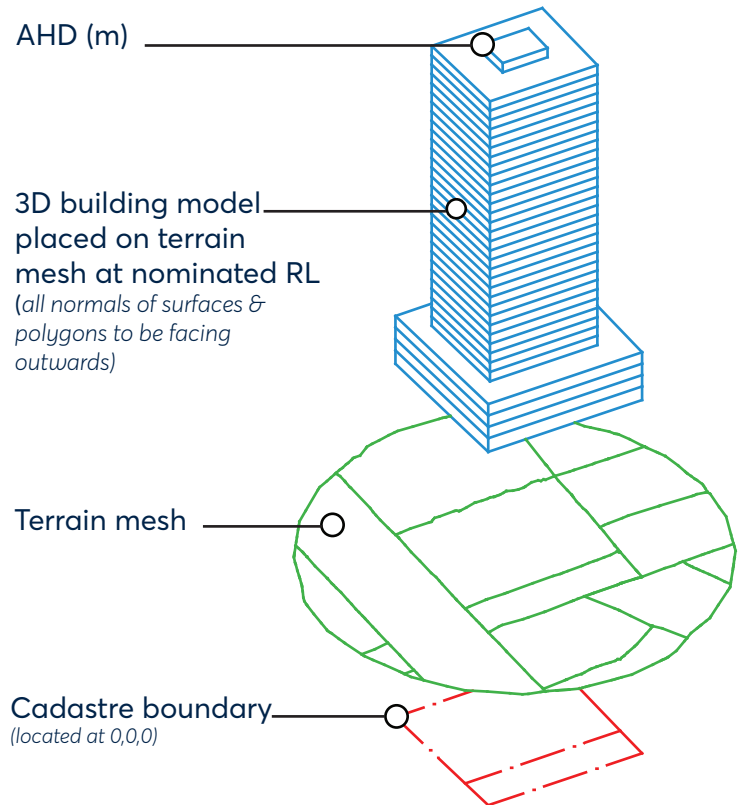
Models **MUST** be named using the following convention:

3D_Submission date (YYMMDD)_Street Number_StreetName_Status

eg. 3D_230620_126_Church_St_DC

STATUS
PP - Planning Proposal
PL - Pre-lodgement
DC - Design Competition
DA - Development Application
S455 - Section 4.55 (<i>changes to external facade</i>)
AB - As Built

Accurate position of 3D model



INCLUDE:

- External building envelope and structure, canopies/significant projecting features
- Proposed parapets, plant rooms, lift over runs, and building crown features

DO NOT INCLUDE:

- Vegetation, people, cars and other visualisation elements
- All internal stairs, doors, furniture, fixtures and fittings
- MEP elements