



PRODESIGN
SUSTAINABILITY & MEP ENGINEERS

Building Design Factsheet

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Issue 2

How to get CEB's Clearance (Plan Approval) for your project

It is mandatory to get a clearance from CEB in order to obtain your Building and Land Use Permit. This procedure is part of the application process carried out by the Municipal and District Councils for BLUP applicants. Once the application is received, the CEB usually takes around 5 working days to provide its stand to the Local Authority provided all required documents are received.

To issue a plan approval, CEB requires a set of specific documents from the applicant. We recommend preparing a separate set of documents for CEB only when submitting your application pack to the Municipal or District Council online. The plans required for submission are all the floor plans, site plan, location plan, elevations and sections. All these plans must bear the seal of the Architect.

According to BLUP Guide and EDB's recommendations, the location plan should be accurate, showing boundaries and surrounding areas. Site plans must include all details such as existing and proposed buildings on site, fences, walls and street features such as trees, drains, handrails, crossings. Access routes should also be specified and parking facilities where applicable.

The CEB also needs the forecasted load demand. The load demand represents the total power that the development is expected to consume. This is the sum of the rating of all electrical equipment to be installed in the building and applying a diversity. Sometimes it is necessary to split the load demand among the various tariffs (type of consumers) in the building. The forecasted load demand will be generally worked out by the MEP Engineer.

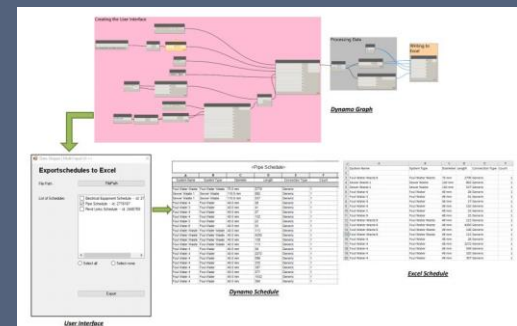
BIM IN REVIEW

BIM software like Revit allows the creation of schedules, which can simplify the creation of estimates, bills and other cost related files. However, exporting Revit Schedules to Excel format may be a bit laborious using the traditional Revit Export dialog, especially when having to export several schedules.

Dynamo can be used to automate this time-consuming process. Having full access to Revit's API, Dynamo allows the creation of a simple script that allows BIM modelers to conveniently choose which schedule to export from a user interface. The "Export" command is able to automatically create a sheet in a predefined Excel file and populates it with the Revit Schedule data all from the click of one button.

The value of Dynamo in the Revit world is gaining momentum. Be sure to check our upcoming newsletters for more on the application of Dynamo.

Click on the image to view our Dynamo script



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