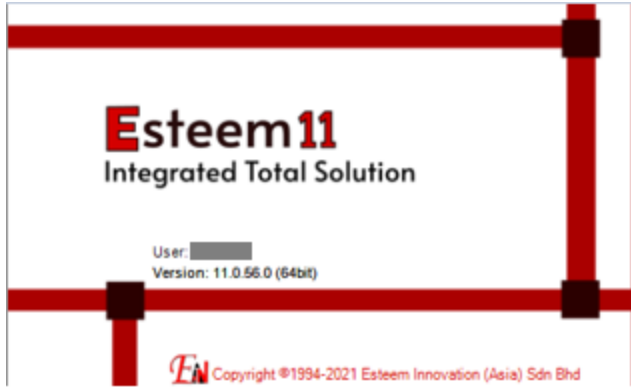
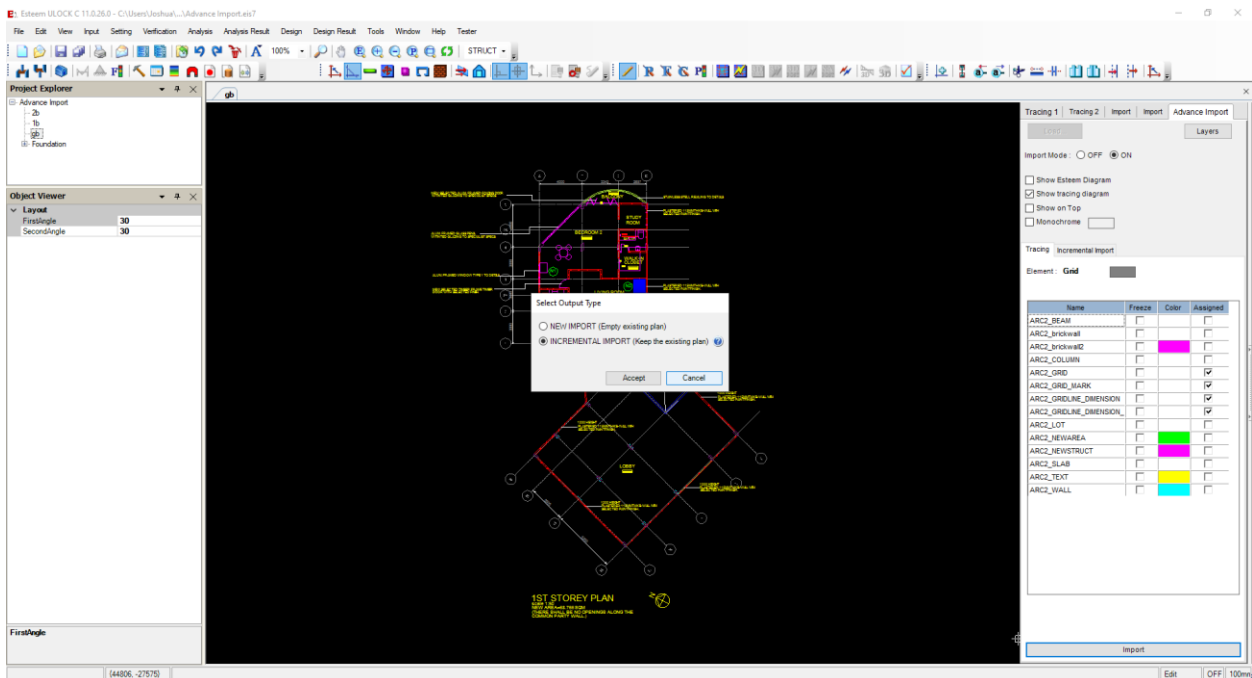


# Esteem 11: Faster, More Economical, Safer, and More Features



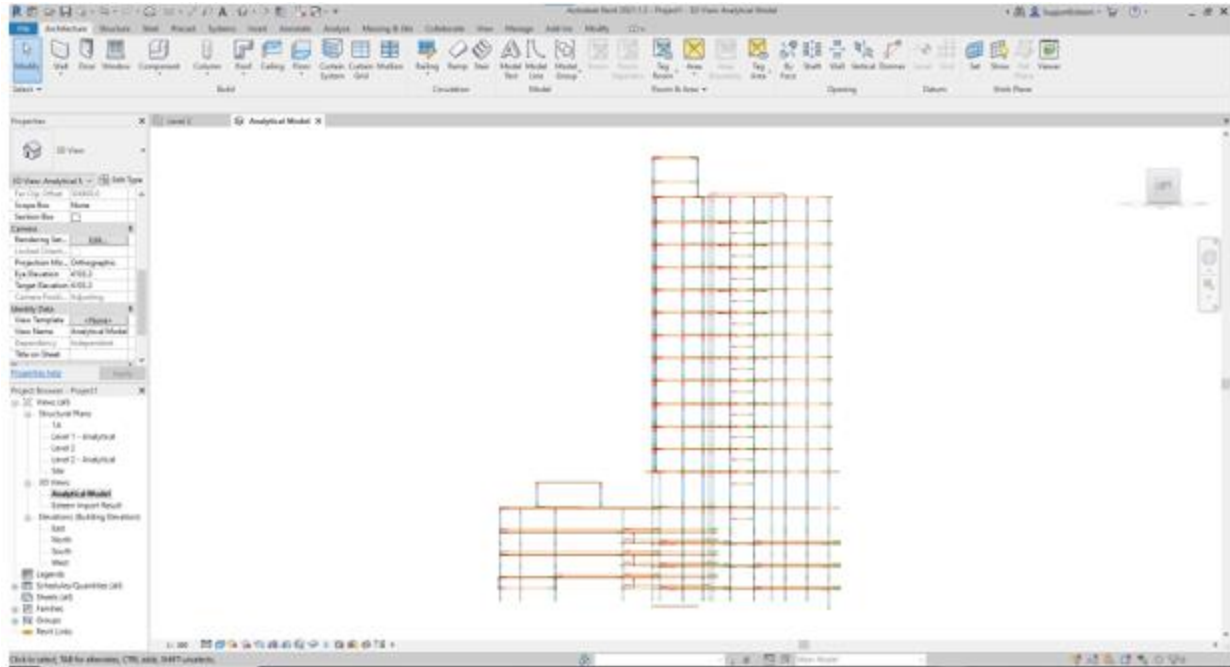
## New Features / Improvement of Esteem 11

1. Advance Import combining tracing and import in one-screen.

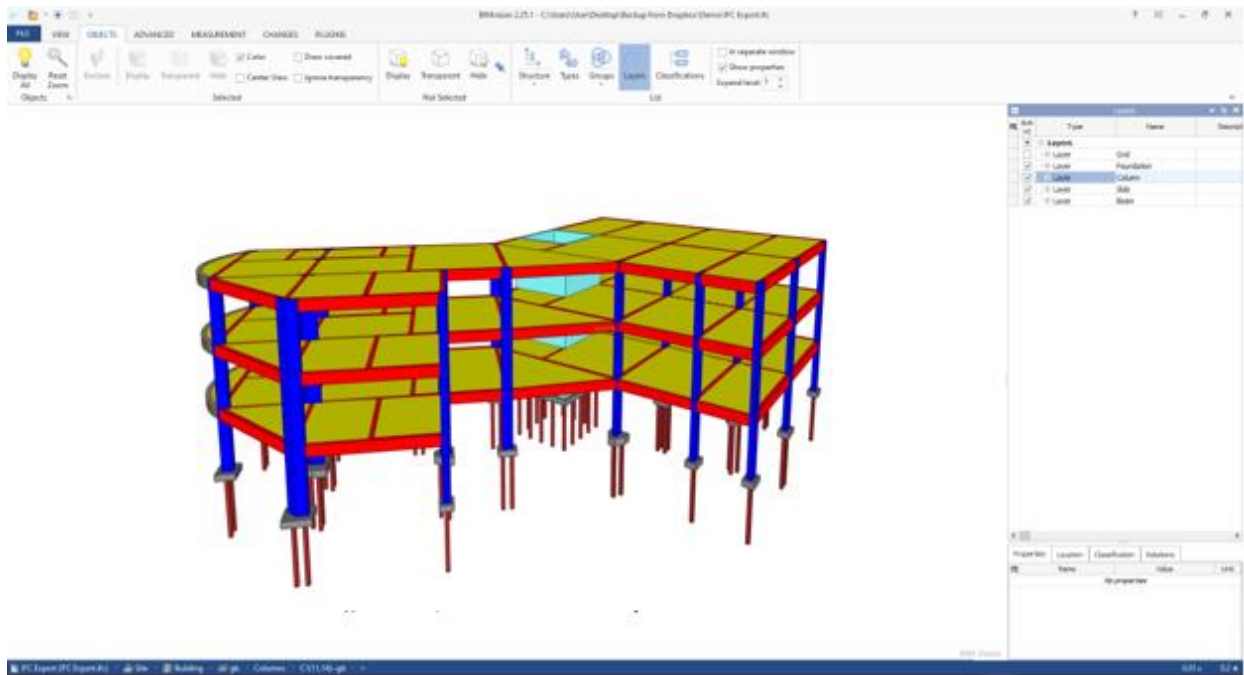


2. AutoCAD 2020 & 2021 import or tracing compatible.
3. BIM Autodesk REVIT 2020/21 compatible.

## Estem 11: Faster, More Economical, Safer, and More Features



### 4. IFC2x3 Export



5. Multiple Sub-slabs merging.

6. Auto fix Beam End Release on RC Wall.

7. Steel member design check from Class 1 to Class 4 complying to EC3.

8. Wall Detailing Schedule (as shown in Fig 1 at the last page) with Wall & Column Marks on Floor Plans.

## **Esteem 11: Faster, More Economical, Safer, and More Features**

9. More economical Column and Wall Design based on FE end restraints.
  10. Multi-section beam deflection checking using weighed effective depth.
  11. Beam end/inner span deflection check is based on its fixity to RC Wall end.
  12. Faster Beam Free Nodes Checking.
  13. Wall framing beam design is made obsolete or unnecessary.
  14. Wall link detailing is added in schedule table and needed for every vertical rebar if it is  $\geq 2\%$ .
  15. Pile offset from edge of core wall to increase the capacity of the foundation.
  16. Reduced sub-frame moment giving more economical column and wall design.
  17. More economical Slab Design based on band-width contour.
  18. Slab displacement contour based on non-reduced 2D sub-frame stiffness.
  19. Subframe moment based on un-reduced slab stiffness (instead of reduced) giving more economical column and wall design
  20. Forward Compatible. Allow project files created in Esteem 11 and future releases to be used in previous Esteem versions (previous releases: only application for Esteem 11 and future releases). E.g. project files created in Esteem 11.0.31.0 can be used in Esteem 11.0.18.0.
  21. Option to show only support/necessary grids giving 'cleaner' grids and dimensions on key plan detailing view.
  22. \*Flat Slab design and detailing.
- \* will be released in Esteem 11 during official launch or soon after.

Besides the list above, there are many other optimization, improvement and bug fixes.

# Esteem 11: Faster, More Economical, Safer, and More Features

## Real job modeling of 16-Storey Building

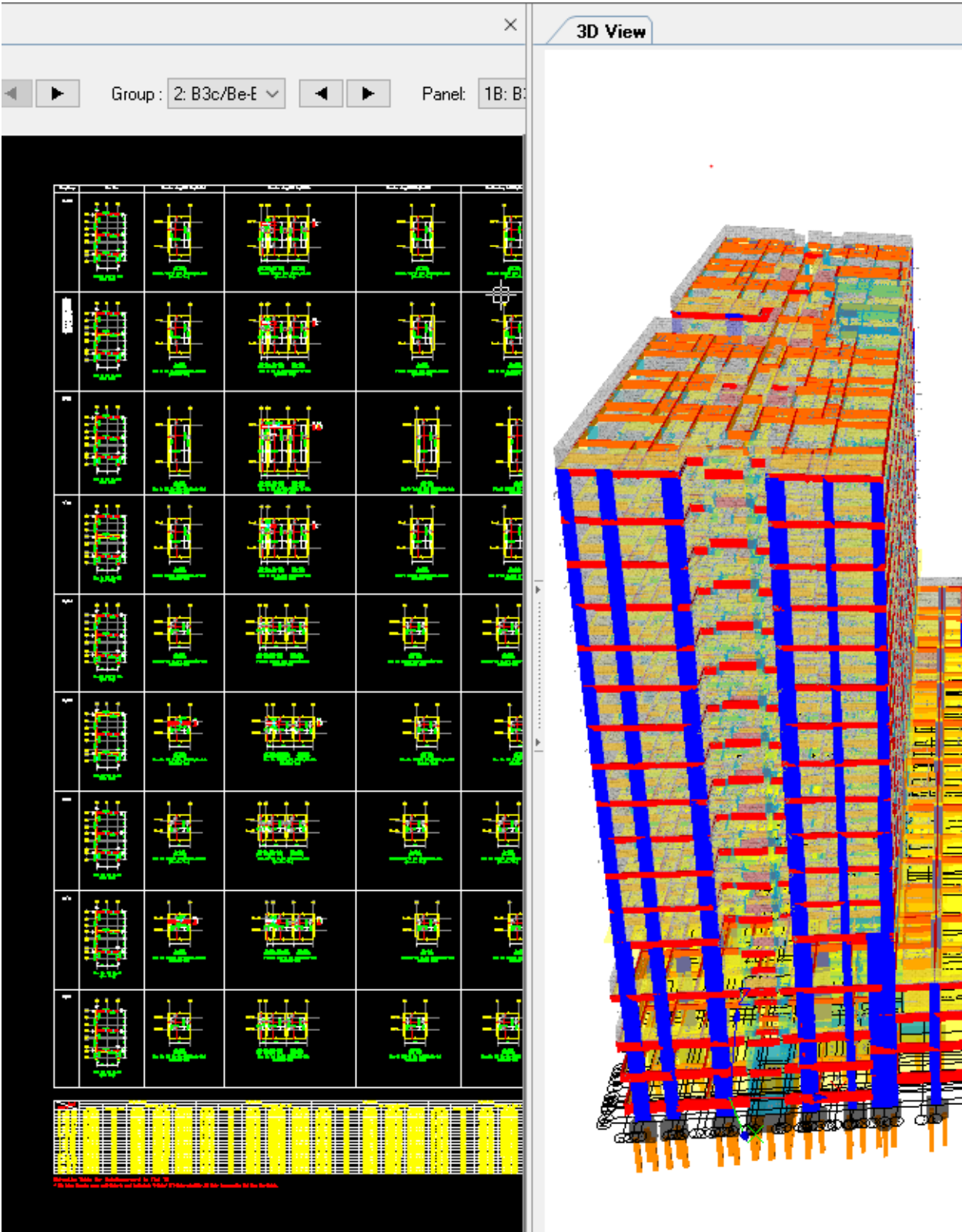


Fig. 1: Wall Detailing Schedule

3D view of the 16-Storey Building