**17\_Editing reference planes and lines**

Reference planes and lines are useful for drawing something that is in middle of a story.

You can do it from edit menu or by right click in ETABS model empty area.

For example if you want to have a reference plane between roof and second floor,

Right click on empty area and click on reference plane and here put the z coordinate between roof and second floor.

For example roof is at elevation of 14m and second floor at elevation of 11m.

Let's make a reference plane at 12.5m.

Input 12.5m here and click on add.

Now go to plan list from this shortcut and you will notice a reference plane is created.

Here you can draw elements the same way you have drawn at other levels.

In elevation view you will also notice this reference plane.

You can turn off reference plane from view options. This will not turn off structural elements at reference plane.