



**Andhra Pradesh State Skill
Development Corporation**



Extended Three-Dimensional Analysis of Building System

ETABS

Edit Tools Part - II



EDIT TOOL-2

Objective

This chapter contains an explanation on Tools in EDIT Menu.

The EDIT menu contains various editing tools among those some of the edit tools are as listed below.

Add Grid Lines at Selected Joints

Use the **Edit menu > Add Grid at Selected Joints** command to add grid lines at selected joints.

1. Select the joint(s) where a grid line is to be added.
2. Click the **Edit menu > Add Grid at Selected Joints** command to access the **Add Grid Lines at Selected Joints** form.
3. Select the grid system to which the grid lines should be added from the *Grid System* drop-down list.
4. Specify that grid lines should be added that are parallel to the X axis, parallel to the Y axis, at an angle specified in degrees from the X axis, or all three.
5. Click the **Apply** button to add the grid lines and keep the Add Grid Lines at Selected Joints form open so that additional grid lines can be added by repeating the above steps. Or click the **Close** button to complete the addition and close the form. If the form will be used to add grid lines at only on set of selected joints, the **OK** button can be used to both add the grid lines and to close the form.

Grid Options

Use the **Edit menu > Grid Options** command to access subcommands for the following:

- **Glue Joints to Grids.** Use the **Edit menu > Grid Options > Glue Joints to Grids** command to "glue" joints along a grid line to the grid line so that if the grid line is moved, the joints move with it. Frame and shell objects that are attached to the joint objects when it is moved remain attached to the joint object and thus move or resize as appropriate. The command is a toggle.
- **Lock Onscreen Grid System Edit.** Use the **Edit menu > Grid Options > Lock OnScreen Grid System Edit** command to enable or disable onscreen editing/movement of general grids.

Interactive Database Editing - {Table Name} Form

Use the **Interactive Database Editing** form to make any additions, deletions, or modifications to the tables selected using the Choose Tables for Interactive Editing form. The changes can then be applied to the model and shown in the display area of the ETABS window. The **Interactive Database Editing** form has a display area and various menu options and buttons that can be used to add records to or delete records from the table shown in the display area, copy records, move records, and find or find and replace user-specified data.

- **{Table Name}** drop-down list. Use the drop-down list near the top of the form to select the table to be edited.
- **Spreadsheet** area. Modify records in the table by typing directly in the cells, including using numerical formulas (e.g., 2+3/4). Right-click within any field (column) and a menu



of pertinent operations will appear. The menu includes the *Field Description* option, which when clicked displays a form that shows a description for the item. If the field expects numeric input, the menu includes the Calculator option, which can be used to speed data entry when formulae are involved. If the field expects text input, use the View menu > Drop-Down List command to display a drop-down list of all acceptable values for the selected cell.

Important: Objects and other defined entities are identified by their names in the tables. If you change any names, those items will be considered as new when the tables are brought back into the model. Do not use interactive table editing to rename objects or other defined entities!

- **Apply to Model** button. Click the **Apply to Model** button or the **File menu > Apply to Model** command to accept the changes. Or click the **Done** button or the **File menu > Done (Close DB and Return to Model)** command and respond No when prompted to cancel the changes.

Access the Interactive Database Editing - {Table Name} form as follows:

1. Click the **Edit menu > Interactive Database Editing** command to display the Choose Tables for **Interactive Editing** form.
2. Select the table to be edited by clicking the associated check box.
3. Click the **OK** button to display the Interactive Database Editing form.