Reference Planes

Drawing a Reference Plane:

- Select the “Home” tab
  - Under the “Work Plane” section, select the “Reference Plane” button.
  - In a plan, elevation, or section view, draw the reference line in the desired location.

Snapping an Existing Beam to a Reference Plane:

- Select the “Modify” tab
  - Under the “Modify” section, select the “Align” button
  - Click on the reference line.
  - Click on the beam to be moved.

Drawing a Beam on a Reference Plane:

- Draw your reference plane in either a section or elevation view.
- Select the “Home” tab
• Under the “Structure” section, select the “Beam” button
  • A “Work Plane” window will appear.
    • Under “Specify a New Work Plane” select “Pick a Plane”
    • Select the OK button.

• Choose the desired reference line.
• A “Go to View” window will appear.
  • Choose a floor plan nearest to the desired beam location.
  • Select the “Open View” button.

• Draw beam in desired location.
  • After beam is in place, return to your section marker and beam will be aligned to the reference plane.
Trimming a Beam or Column:

- Draw the model element where desired.
- Draw a reference line where you would like the model element to be trimmed.

- Select the “Modify” tab
  - In the “Geometry” section, select the “Cut button”
    - Select the “Cut Geometry” option

- Select the model element to be trimmed.
- Select the reference line.