Roof shape modeling on the base of DXF background
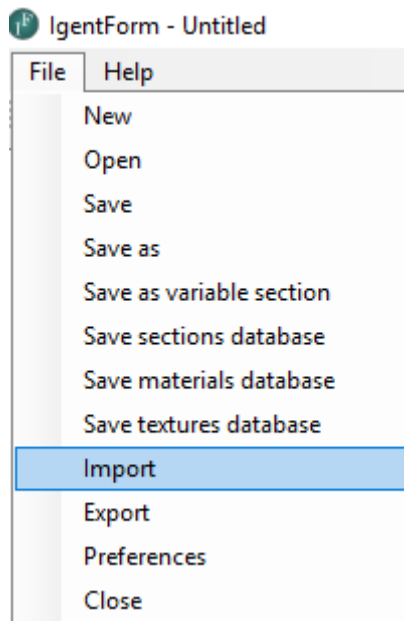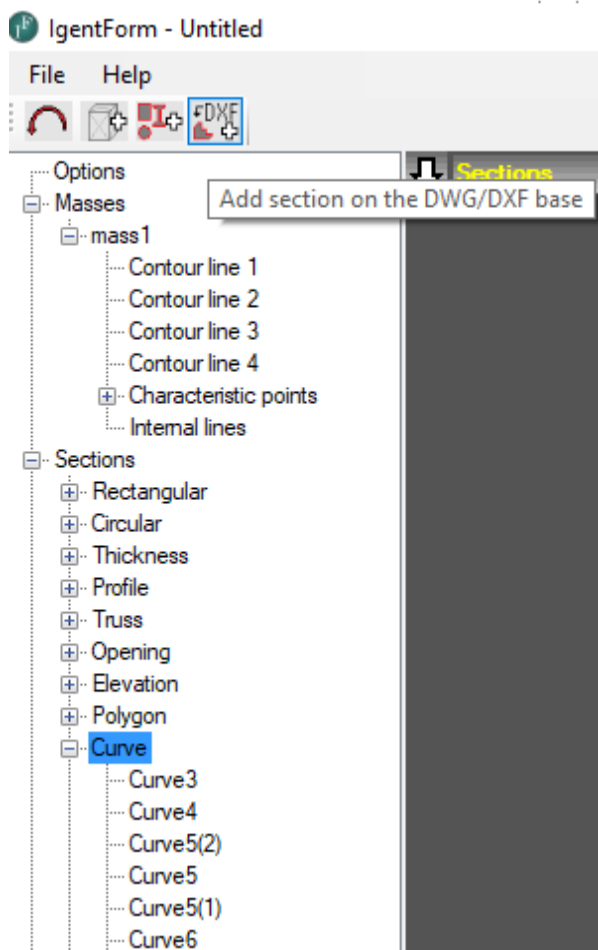
1) Read DXF background using Import option

2) Choice of adding curve mode to sections database – one should select branch Curve and choose option „Add section on the DWG/DXF base"

3) Curve edition – on 2D view one should click next points of the curve. Program automatically snaps cursor to points on curve (at the moment of reading Arc entity from DXF, it is automatically divided into 10 segments)
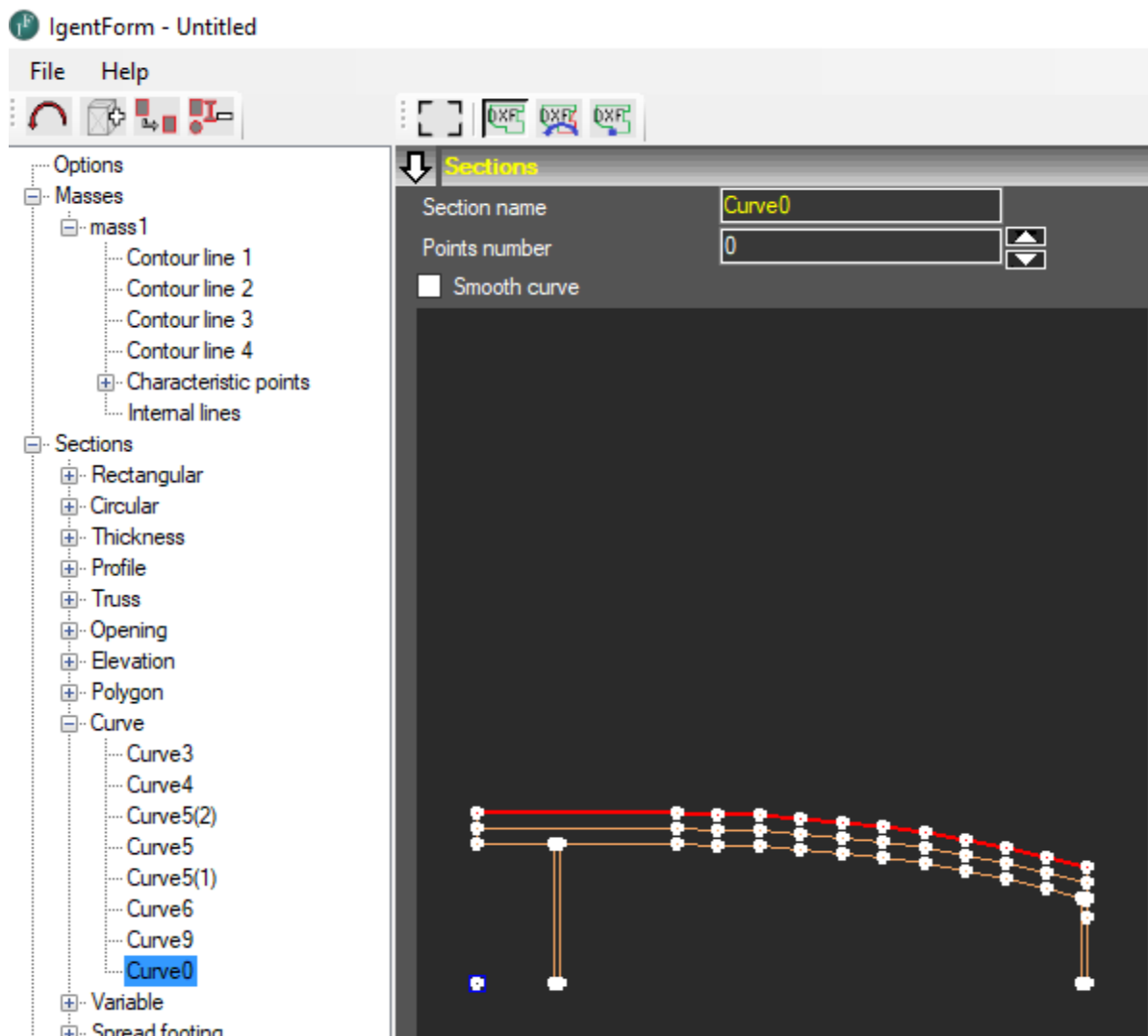
4) Adding curve to section database. Second click into first or last point ends edition. Curve is automatically scaled to relative coordinates.

5) Assigning curve to roof – one should choose a line and lift it vertically according to previously defined curve.
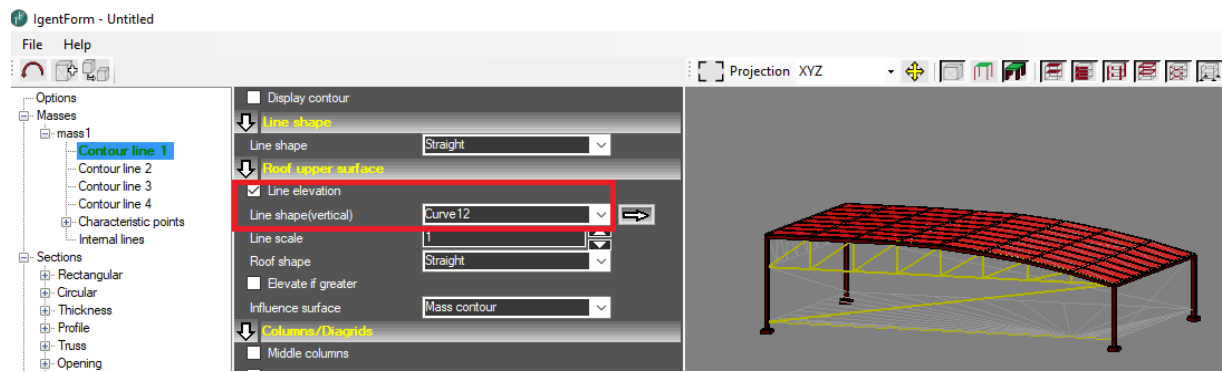
6) Export of the model to Autodesk Robot Structural Analysis