

FERRARI

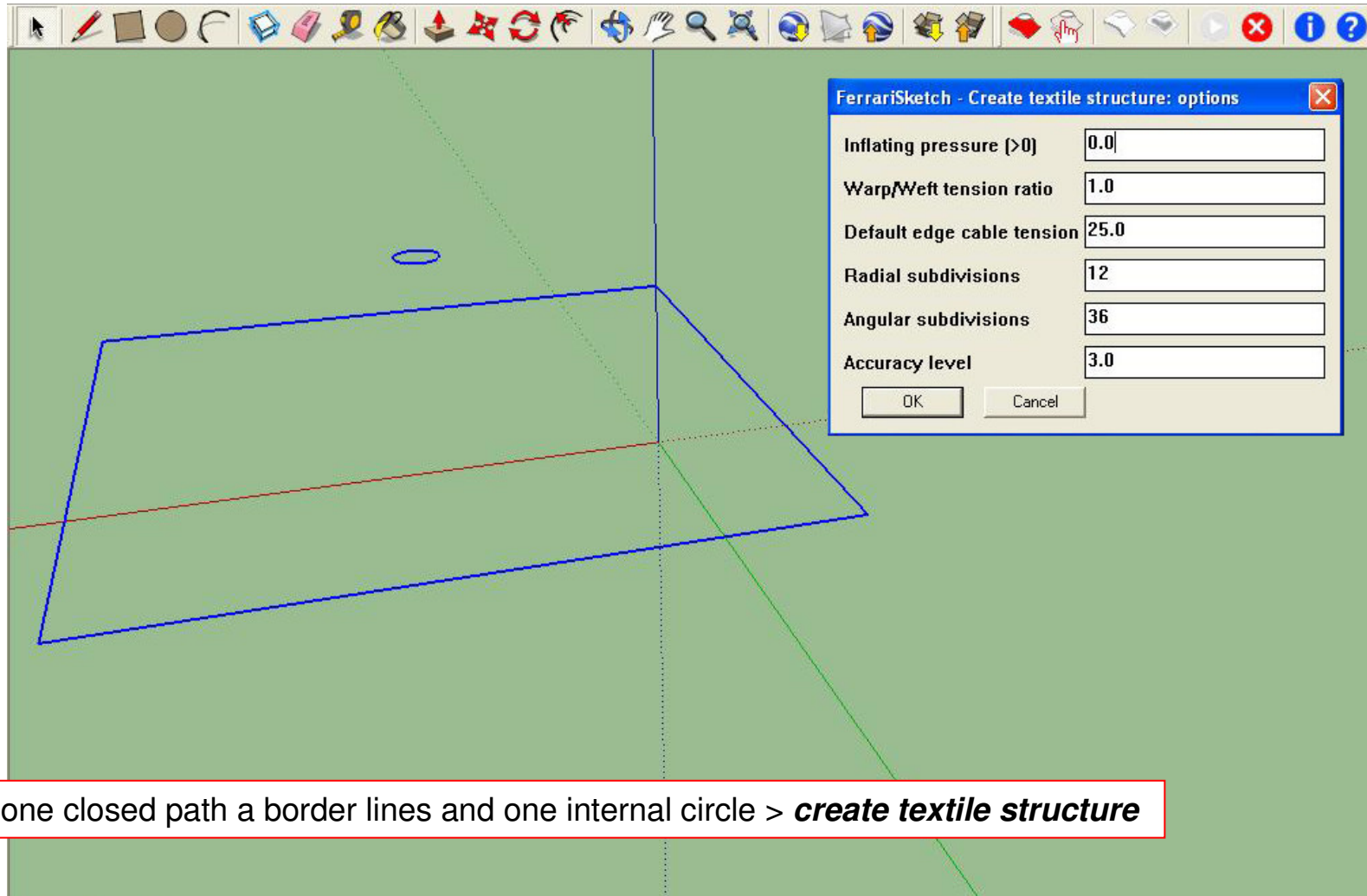
architecture

Composite
Textiles
& Membranes

The background is a solid red color. Overlaid on this are several thin, white, abstract lines that form a complex, organic pattern. These lines include straight segments, curves, and loops, creating a sense of movement and depth. The lines appear to be part of a larger, unseen architectural or structural design.

> FerrariSketch V1.0: conoidal membrane

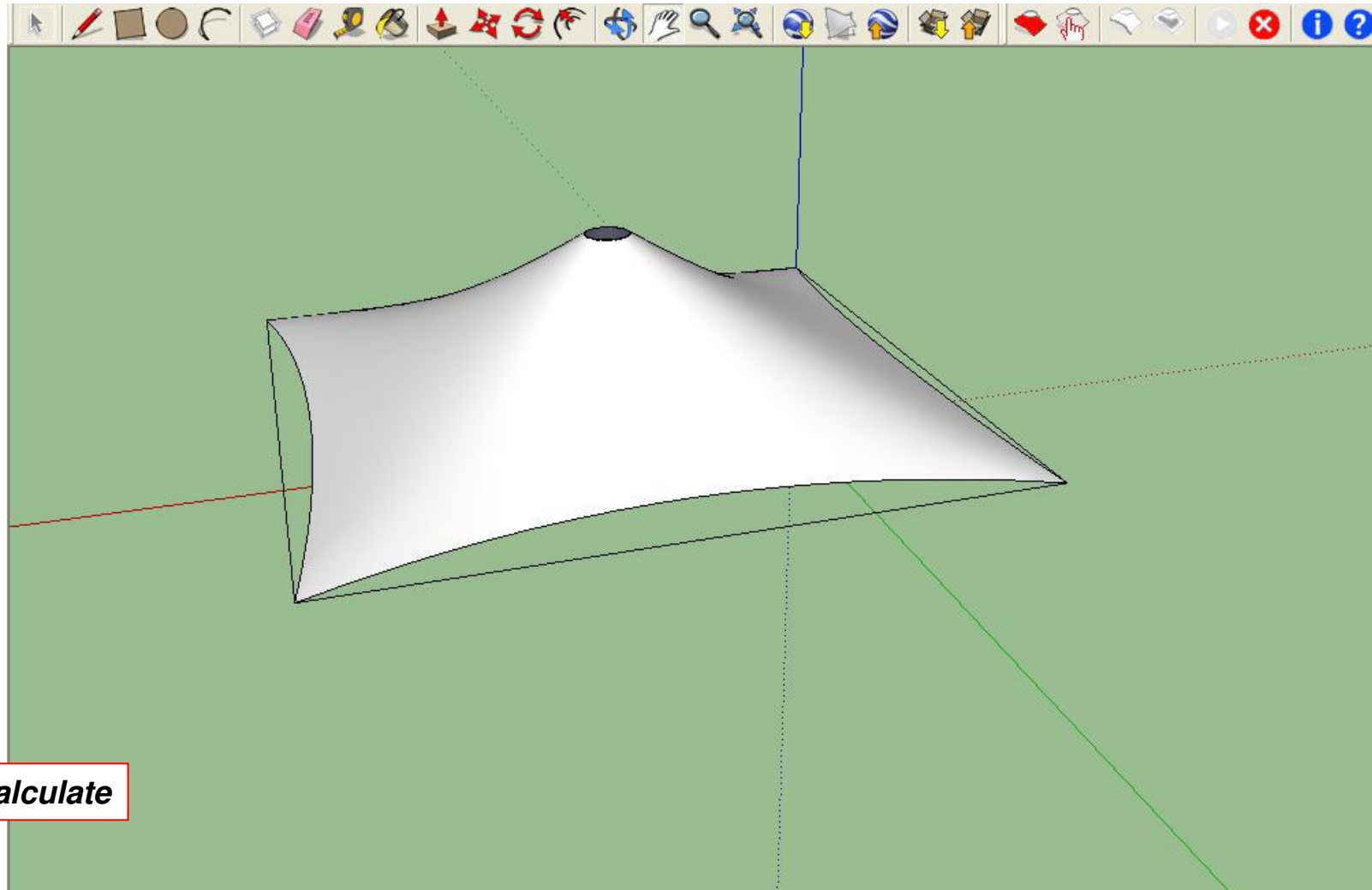
Border choice and membrane parameters



select one closed path a border lines and one internal circle > ***create textile structure***

> FerrariSketch V1.0: conoidal membrane

Membrane generation



> FerrariSketch V1.0: conoidal membrane

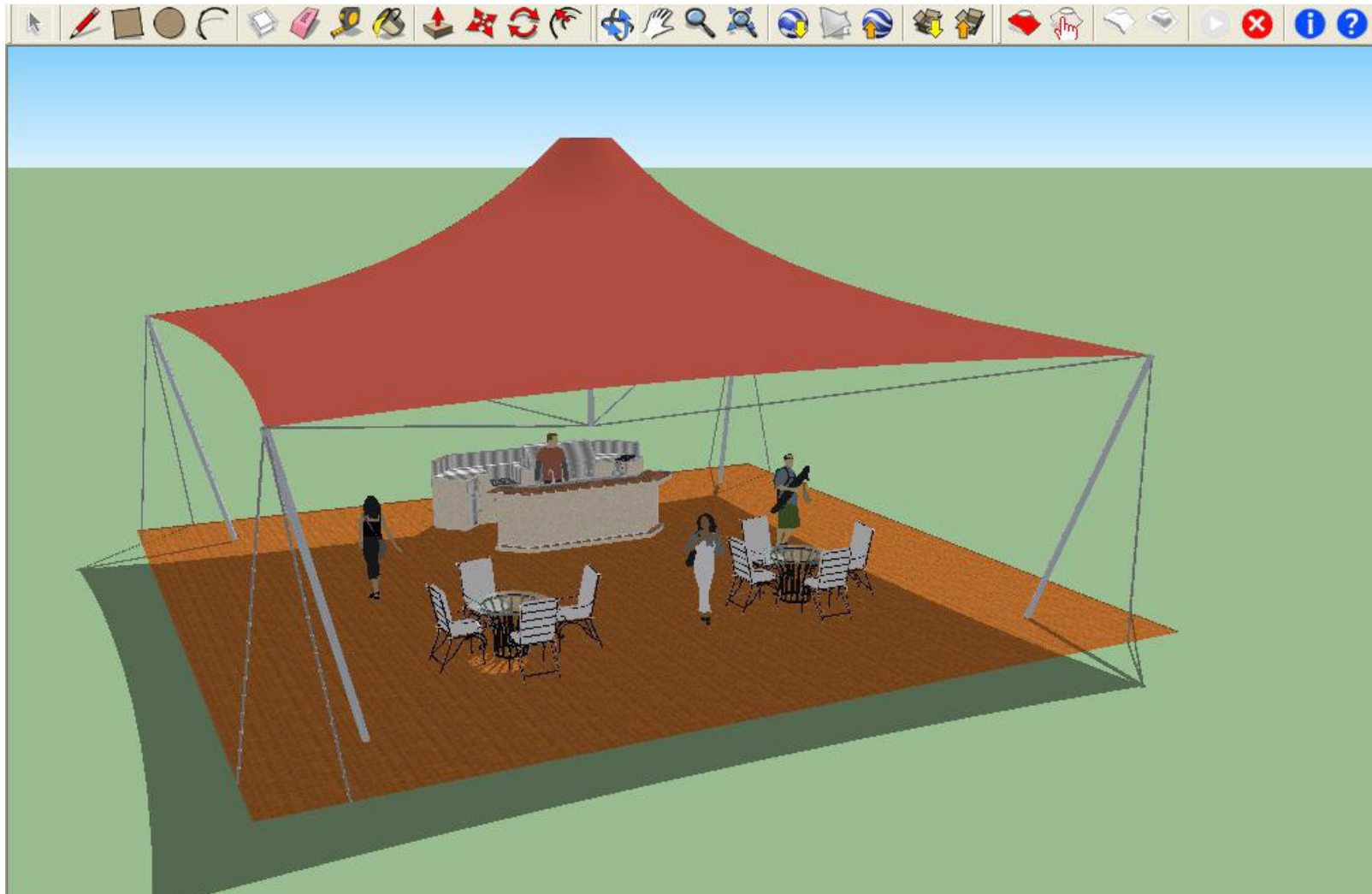
Membrane curvature changing
(warp/weft tension ratio)

The screenshot displays the FerrariSketch software interface. A 3D model of a conoidal membrane is shown on a green background. A toolbar with various icons is visible at the top. A dialog box titled "FerrariSketch - Modify fabric membrane" is open in the bottom right corner. The dialog contains three input fields: "Inflating pressure (>0)" with a value of 0.0, "Warp/weft tension ratio" with a value of 2.0 (circled in red), and "Accuracy level" with a value of 3.0. There are "OK" and "Cancel" buttons at the bottom of the dialog. A red-bordered box in the bottom left corner contains the following instructions:

select structure > **modify**
select fabric > **modify membrane**
ratio value > **calculate**

> FerrariSketch V1.0: conoidal membrane

Final modeling with structure (case of flying mast)



> FerrariSketch V1.0: conoidal membrane

Google Earth exportation (Paris, place du Trocadéro)



location choice on Google Earth
> SketchUp
> *get current view > place model*

> Comments

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a r c h i t e c t u r e

