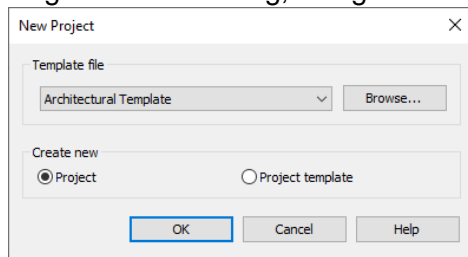


# Solution: Practice Exercise 1

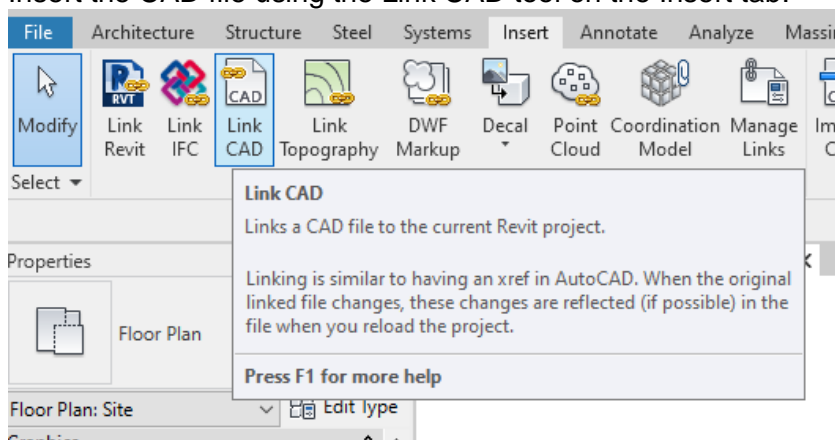
## Design Modeling in Revit



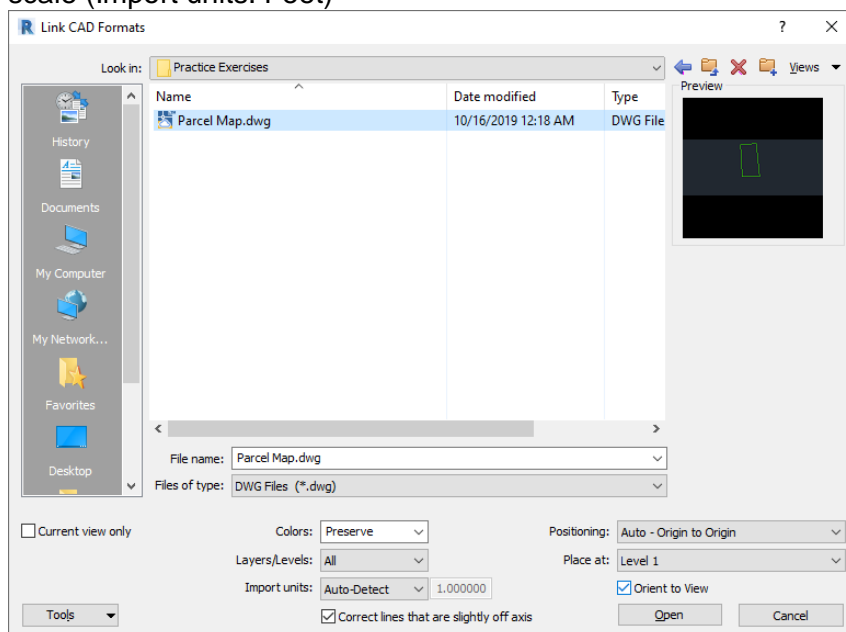
1. Begin a new drawing, using the Architectural Template.



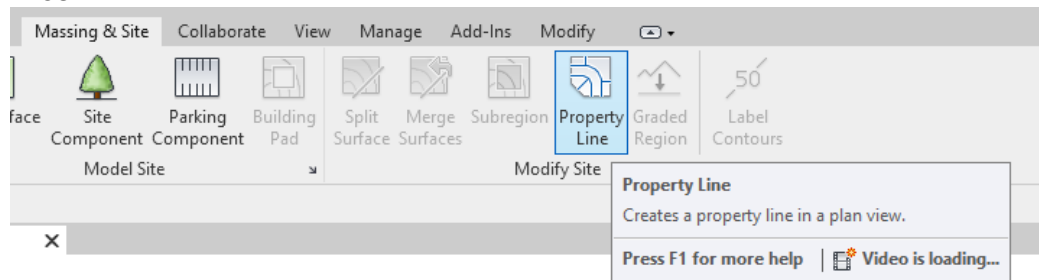
2. Insert the CAD file using the Link CAD tool on the Insert tab.



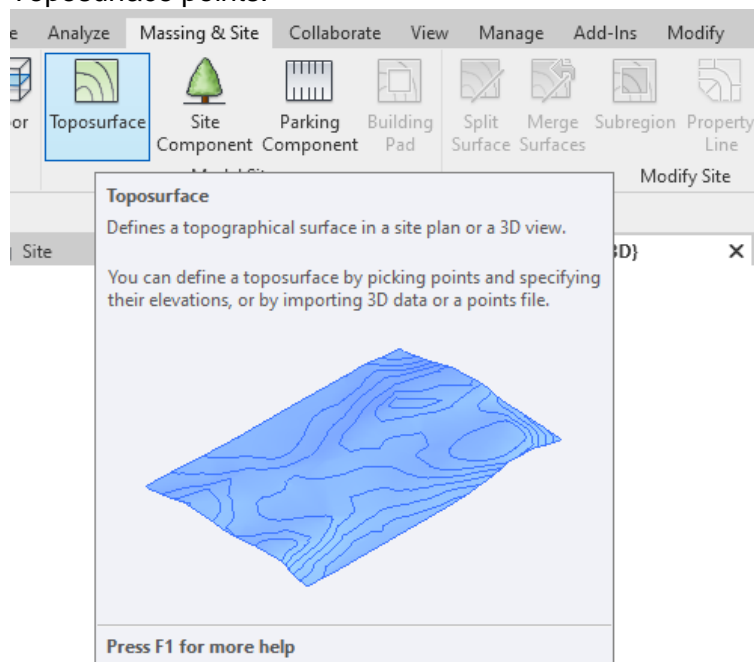
3. You may have to change the Import units. Be sure the site comes in at real-world scale (Import units: Feet)

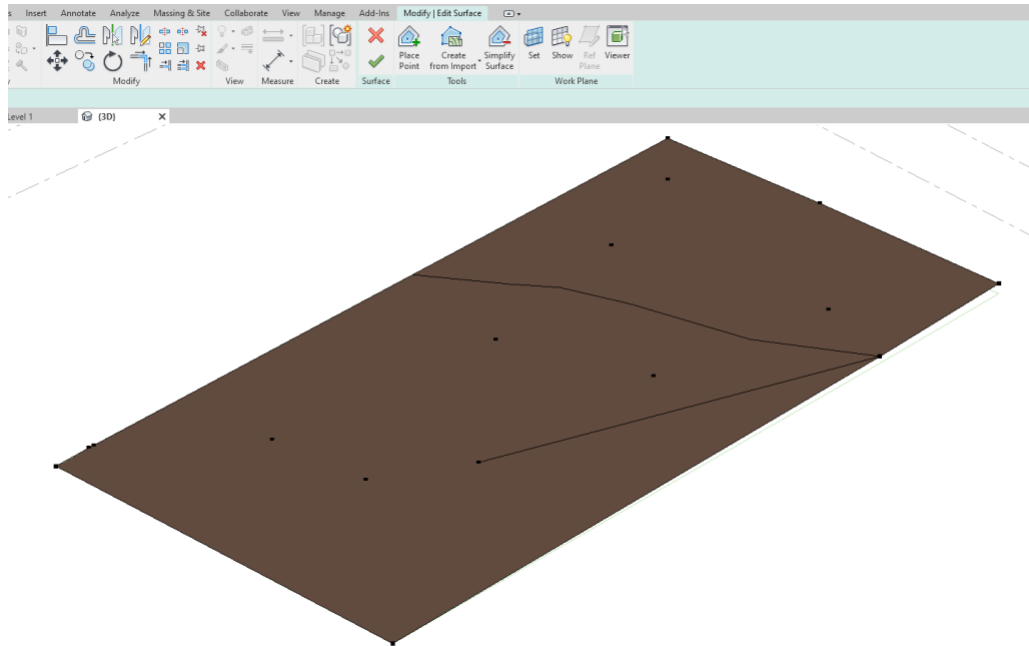


4. Select the Property Line tool on the Massing & Site tab to generate the property lines.

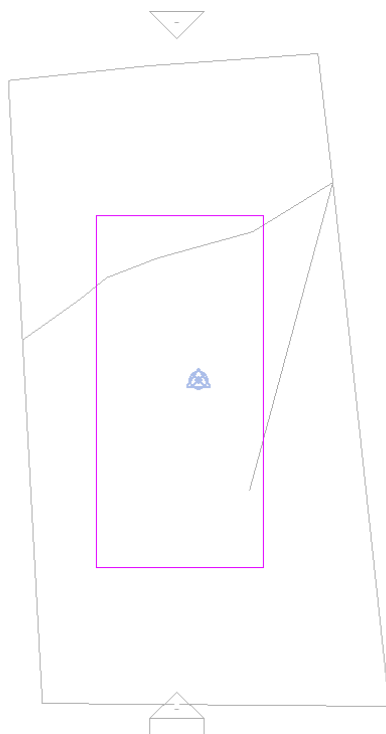


5. Generate the Toposurface by using the Toposurface tool on the Massing & Site tab. This Toposurface will be up to the student. Use the Point Method to place the Toposurface points.





6. Select the Building Pad tool on the Massing & Site tab and place a building pad sketch. Use the active dimensions to ensure that the setback limits are met.



7. Select the In-Place Mass tool on the Massing & Site tab to create a generic building mass. This should be placed on the building pad and represent a conceptual design of a house.

