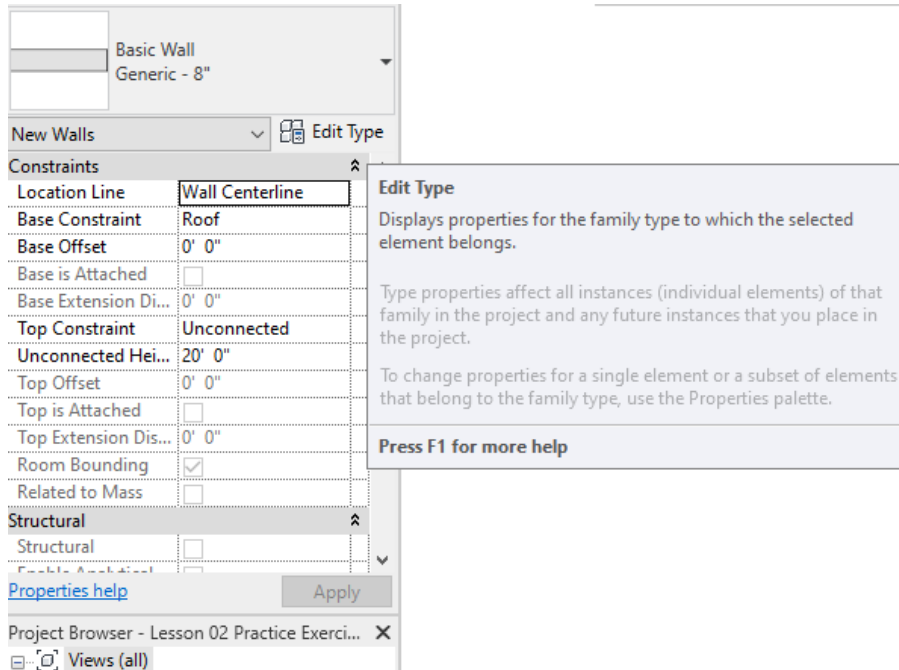


Solution: Practice Exercise 2

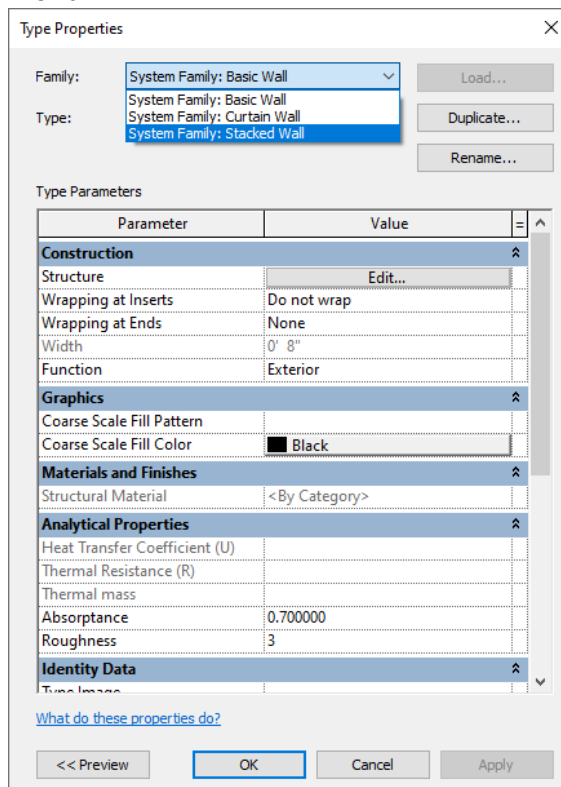
Design Modeling in Revit



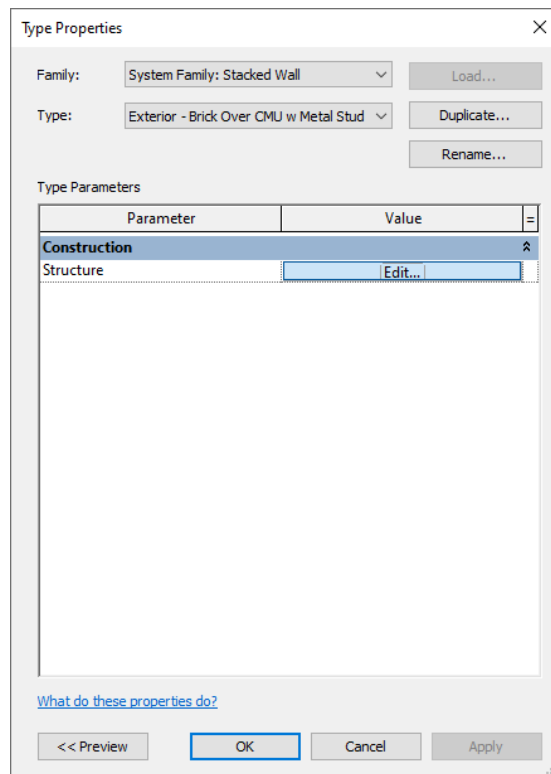
1. Open Lesson 02 Practice Exercise.rvt.
2. Create a stacked wall type by selecting Architectural Walls > Edit Type.



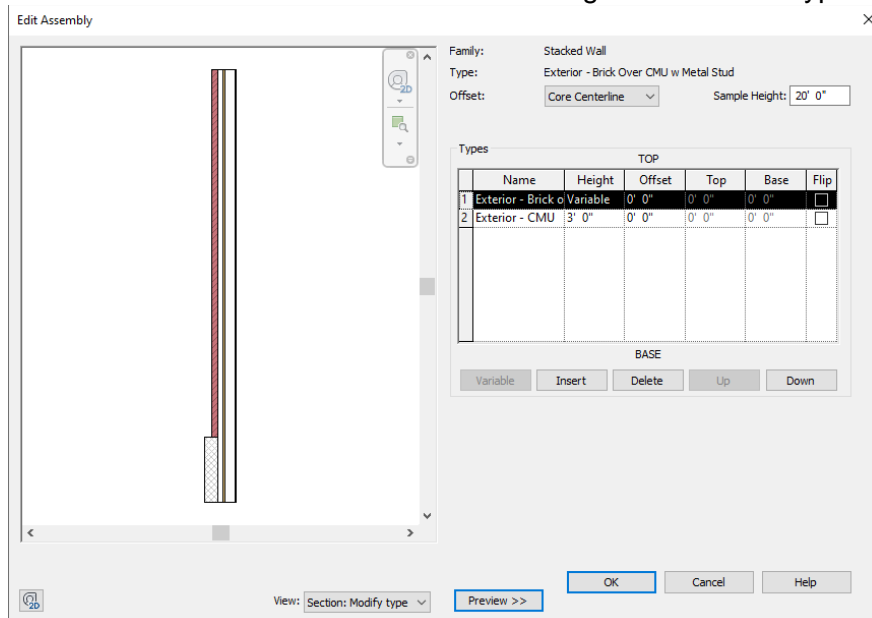
3. In the Type Properties dialog box, choose System Family: Stacked Wall in the Family menu.



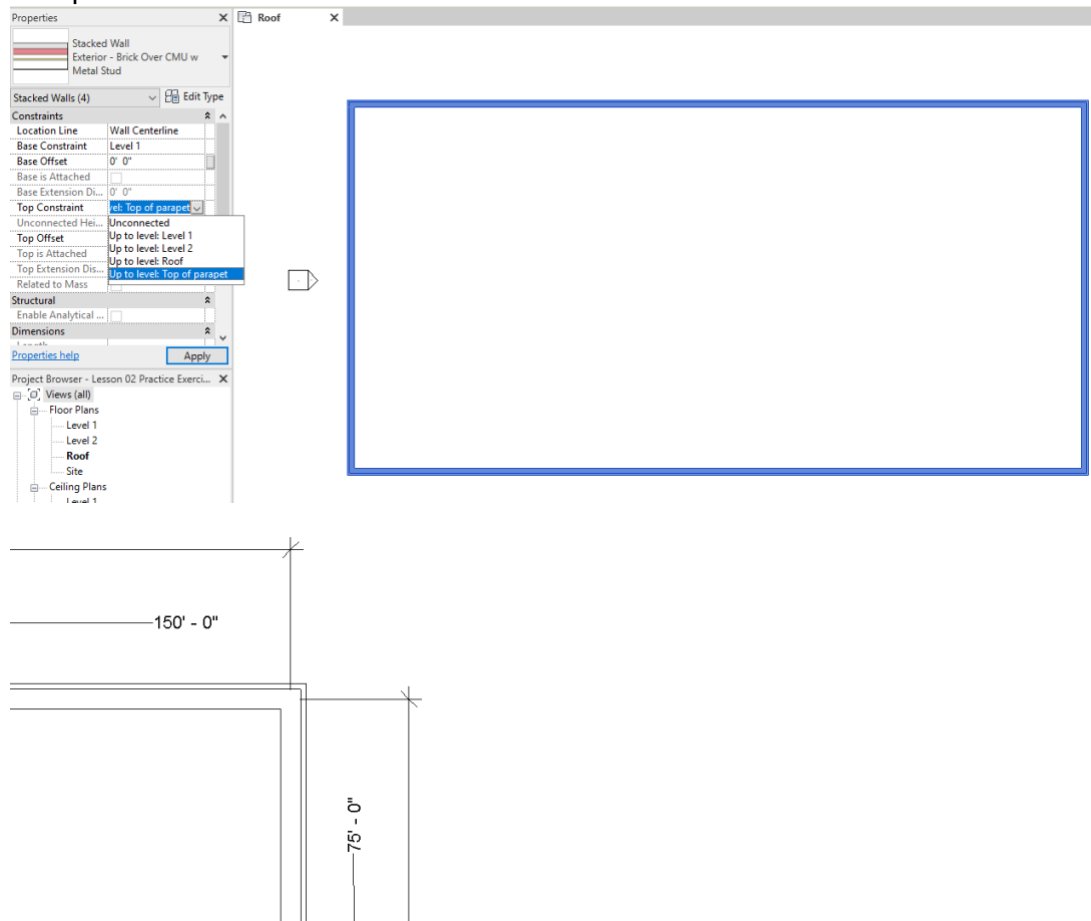
4. Edit the structure of the wall by clicking Edit.



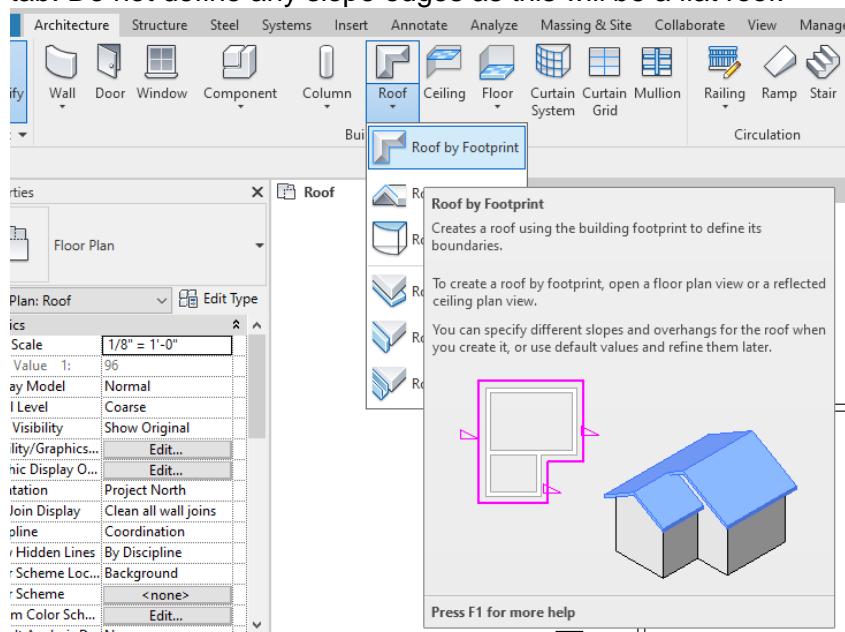
5. Confirm that the stacked wall is created using two basic wall types.



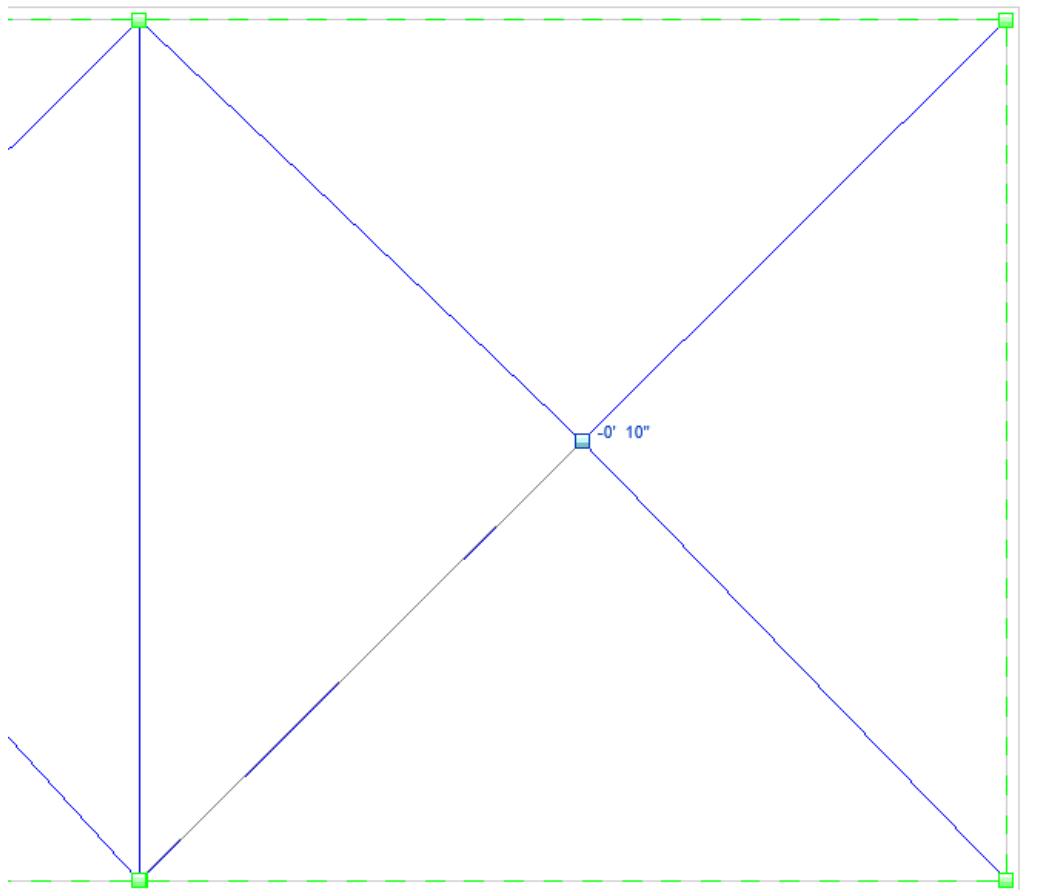
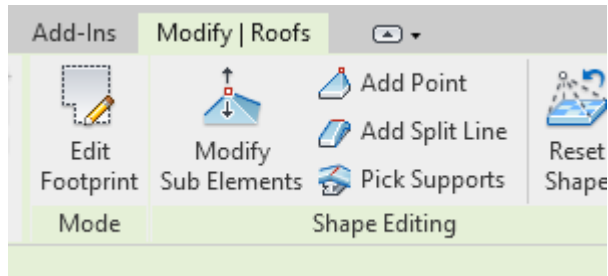
6. Using the Stacked Wall Type, create four walls that define a rough building shape. This building should be 150' x 75'. The walls should all go from Level 1 to the Top of Parapet level.



7. On the Roof Level, create a roof by selecting Roof by Footprint on the Architecture tab. Do not define any slope edges as this will be a flat roof.



8. From the Modify | Roofs contextual tab, select Add Split Lines to define two square shapes with X patterns inside. Select the Modify Sub Elements tool to lower the intersection to -10".



Final examples:

