

# Revit Assignment #1

## Architectural and Structural Tools

**Due on April 6th at 11:00 am**

Instructions: Draw any commercial building of your choice with the following requirements:

- At least 5000 ft<sup>2</sup>
- One male and one female bathroom
- Room tags with room names must be placed in every room
- Structural columns must be placed throughout the building accordingly
- Structural beams or joists must be placed as structural elements
- Doors and windows must be present
- Place any families you wish to use
- Place ceilings in room that should have them
- Concrete foundation must be placed around exterior wall
- Bearing footing will be placed at the bottom of the foundation
- Pile caps placed at the base of columns
- A roof must be placed on top of your building

***NOTE: This assignment and all revit assignments will take significantly longer than the AutoCAD assignments did. Please do not procrastinate on these.***