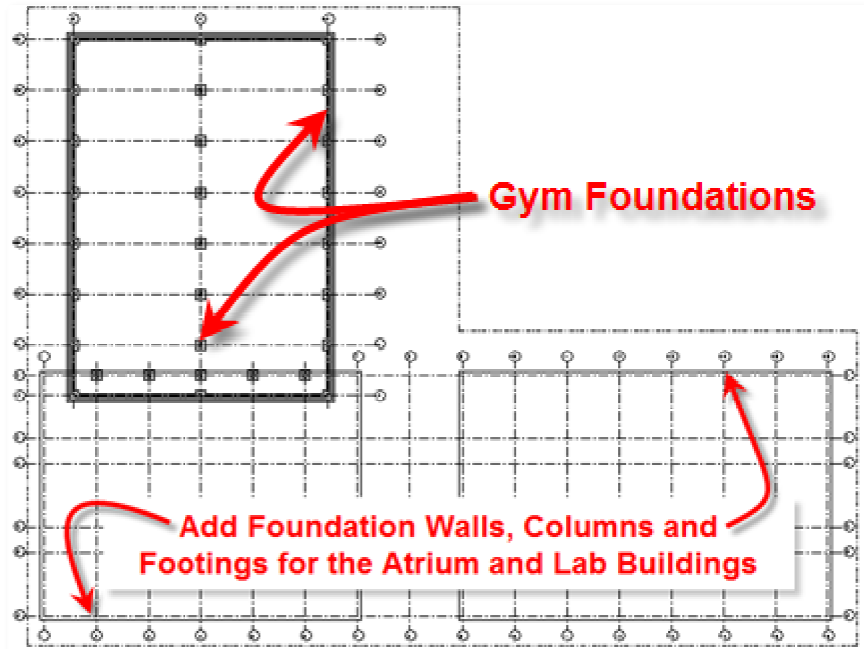


Fall 2011

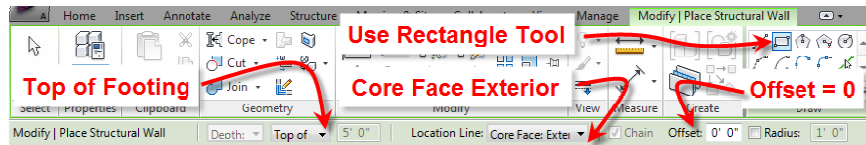
Bldg.Foundation.2 ADDING FOUNDATION AND FOOTINGS TO ATRIUM AND LAB BUILDINGS

Overview: Complete the process of creating foundations for the Atrium and Lab Buildings.

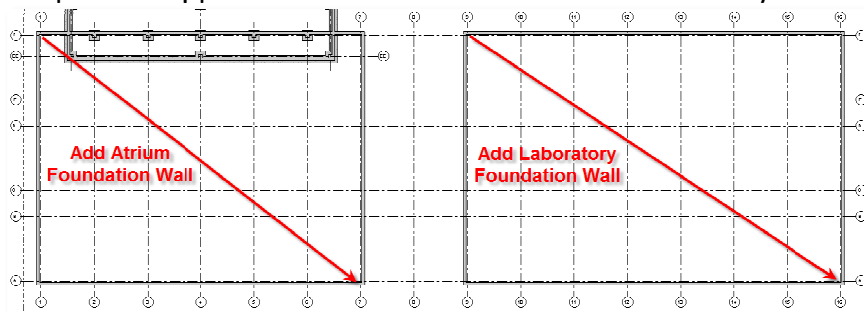


Level 1: First make certain **Level 1** is the current view

Draw Foundation: Use the rectangle tool and set the **offset** to **0**, **Core Face Exterior**, **Top of Footing**

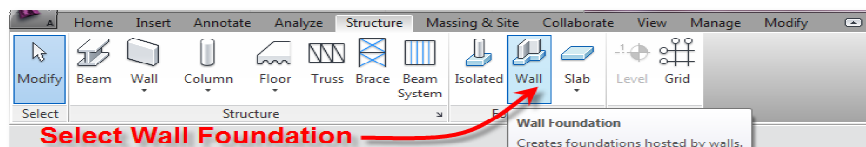


Snap to the opposite corners of the Atrium and Laboratory building outlines.



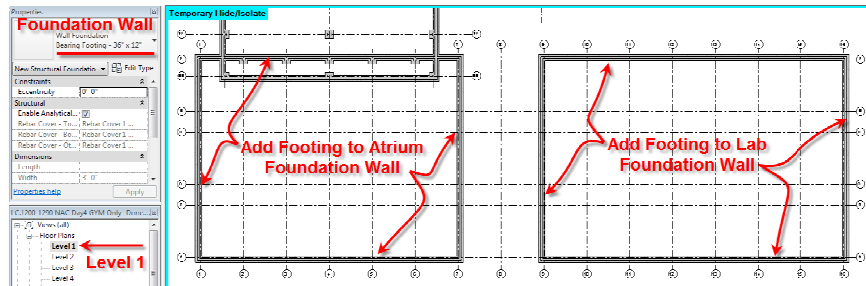
Level 1: First make certain **Level 1** is the current view

Add Footing: Select **Structure > Wall Foundation**

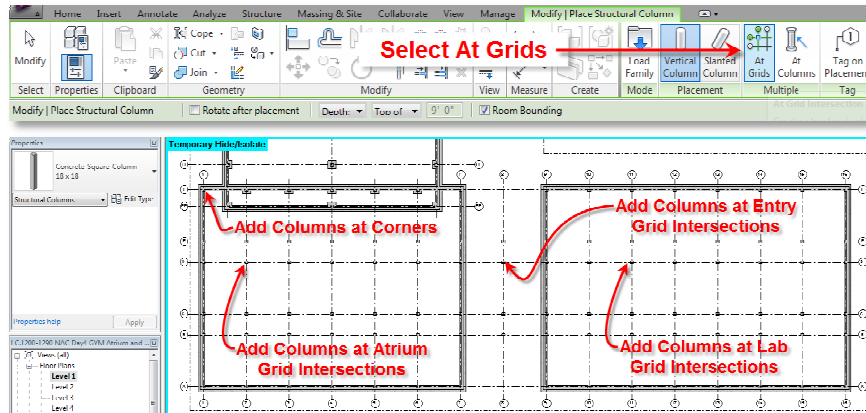


Fall 2011

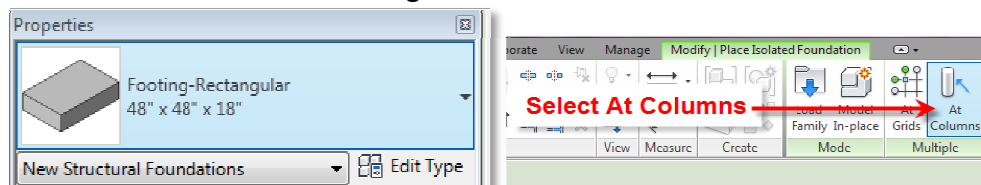
Add Footings: Add structural footings by selecting all of the **Atrium** and **Lab** Foundation walls



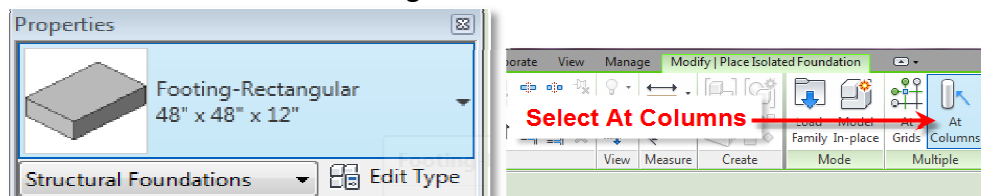
Add Columns: Choose **Concrete Square Column 18" x 18"**
Set Direction to "**Depth**" and base level to "**Top of Footing**"
Locate **Multiple** by selecting "**At Grids**"



Place 18" Footings: Use the **48" x 48" x 18"** Footing and locate these "**At Isolated Columns**"



Place 12" Footings: Use the **48" x 48" x 12"** Footing and locate these "**At Wall & Corner Columns**"



3d View:

