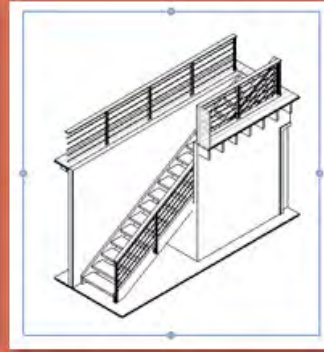
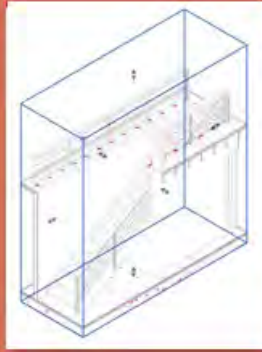
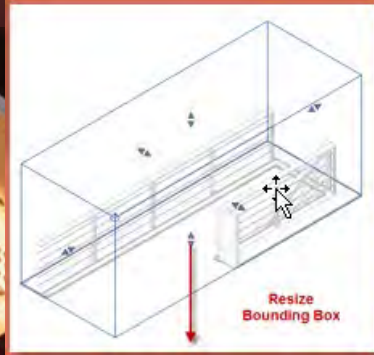




ARCH 2431 Building Technology III Steel Assembly & Building Information Modeling (BIM) with Revit

Tutorial 1.04 – Revit Orient to View



1.3

Building
Technology III

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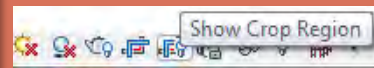
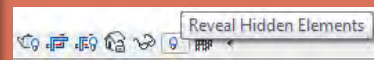
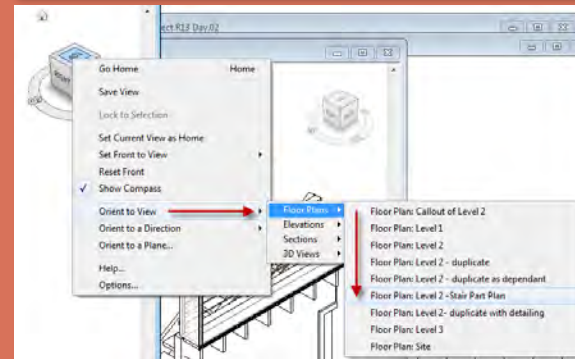
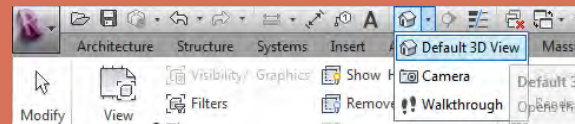
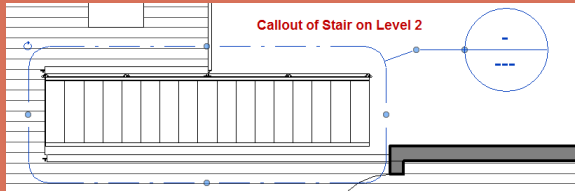


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Stair : Isometric View using "Orient to View"

- Orient to View
- Detail Views
 - Sections
 - Elevations
 - Callouts
- Sample Stair
 - Sheet 4 views

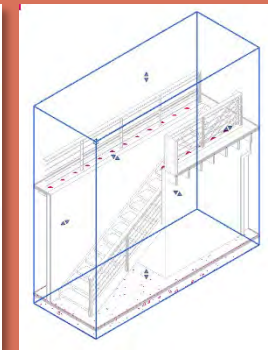
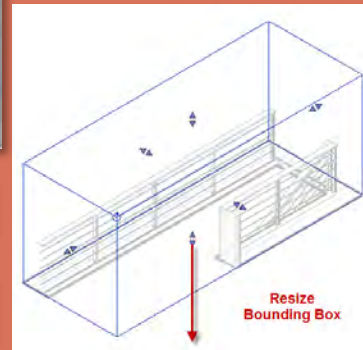


Stair Callout:

1. Callout of Stair on Level 2 (scale $\frac{1}{4}$ "')
2. Go to View
3. Adjust Scale to $\frac{1}{2}$ "' = 1'-0"

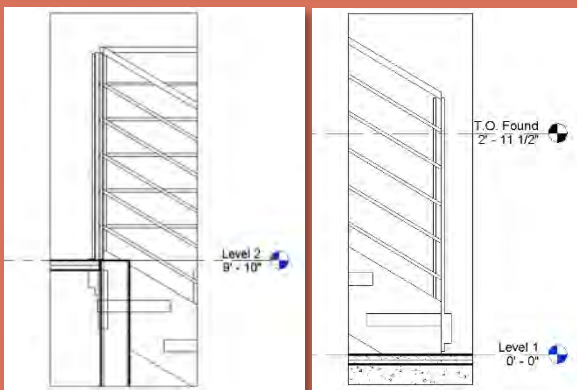
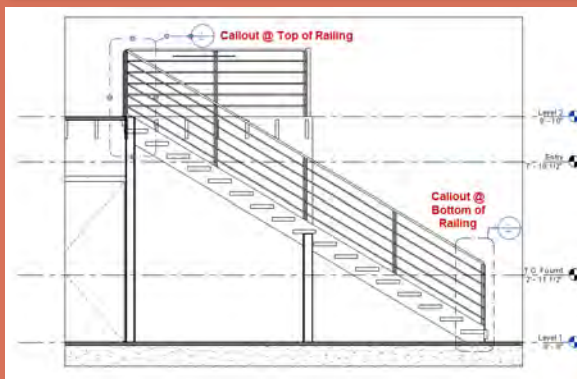
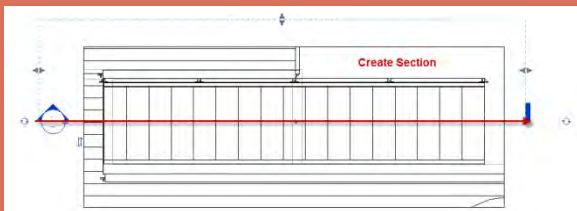
Isometric Detail

1. Create Isometric View
2. Default 3D View > Viewcube > Orient to View > Stair Callout
3. View Cube > Home
4. Reveal Hidden Elements & Resize
5. Set Scale to $\frac{1}{2}$ "' to match the plan detail
6. Duplicate View and Name it "Stair Isometric"
7. Adjust Crop region of view



- Orient to View
- Detail Views
 - Sections
 - Elevations
 - Callouts
- Sample Stair
 - Sheet 4 views

Stair : Section & Elevations & Callout Details



Stair Section:

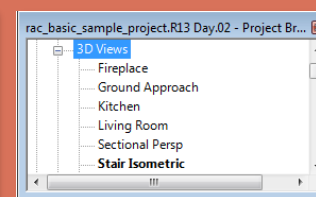
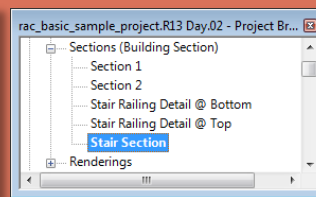
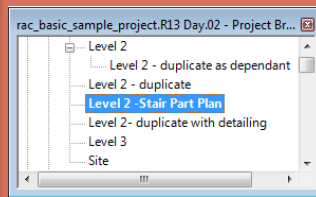
1. Section on stair callout (scale $\frac{1}{2}$ "')
2. Go to View
3. Adjust Crop Regions of View

Section / Elevation Callouts

1. Callout of "Stair Railing Detail @ Top"
Scale will be set to 1" = 1'-0"
2. Callout of "Stair Railing Detail @ Bottom"
Scale will be set to 1" = 1'-0"

Notes

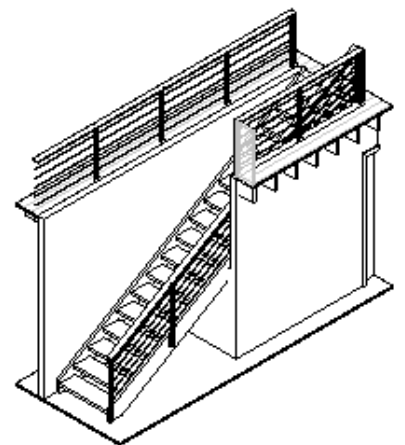
1. Names of Views in project Browser
 - Level 2 – Stair Part Plan
 - Stair Section
 - Stair Railing Detail @ Top
 - Stair Railing Detail @ Bottom
 - Stair Isometric



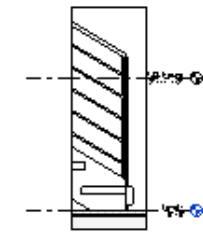
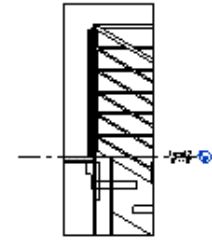
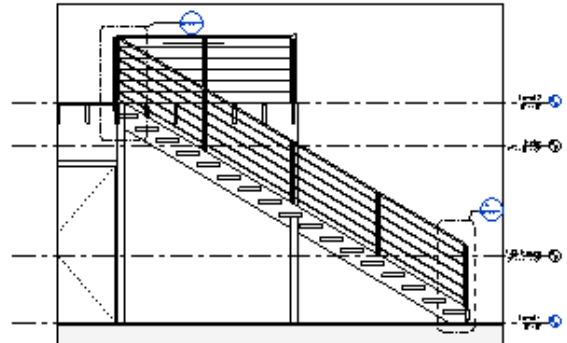
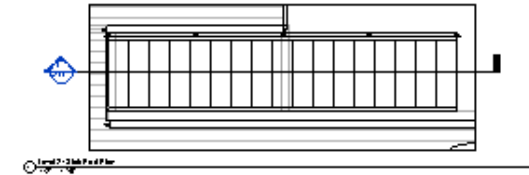
Scavenger Hunt

- Orient to View
- Detail Views
 - Sections
 - Elevations
 - Callouts
- Sample Stair Sheet 4 views

Scavenger Hunt Stair Sheet – Sample Layout



2.10b Isometric



- Drag Stair Views on to Sheet**
- Level 2 - Stair Plan
- Stair Section
- Stair Railing Detail @ Top
- Stair Railing Detail @ Bottom
- Stair Isometric

Autodesk Revit

Project Name: Stair Details

Revit	Level	View
Level 2	Level 2	Stair Plan
Level 2	Level 2	Stair Section
Level 2	Level 2	Stair Railing Detail @ Top
Level 2	Level 2	Stair Railing Detail @ Bottom

Owner: Project Name
Stair Details

Page Number: 1 of 1
Scale: 1/8" = 1'-0"
Author: A. Jones
Checked: E. Smith

A102

Revit 2010



That's all Folks!