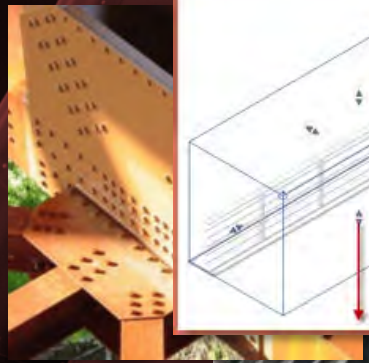
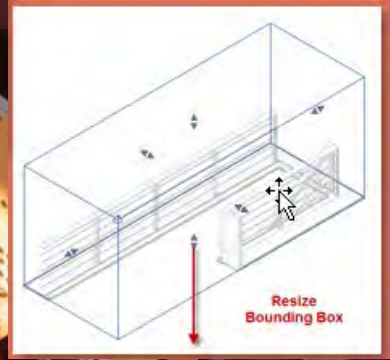
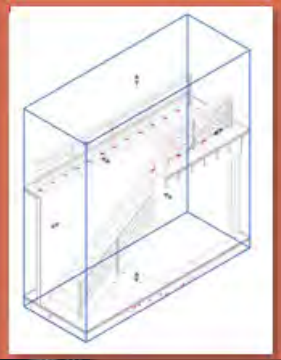
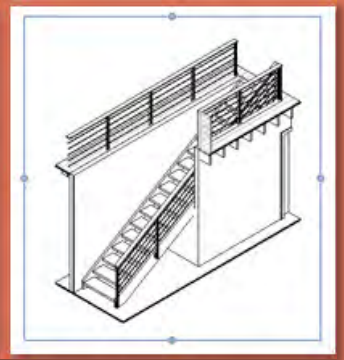
ARCH 2431
Building Technology III
Steel Assembly &
Building Information Modeling (BIM) with Revit

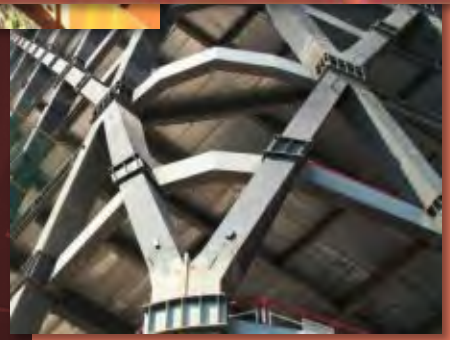








Tutorial 1.04 – Revit Orient to View



1.3

Building Technology III

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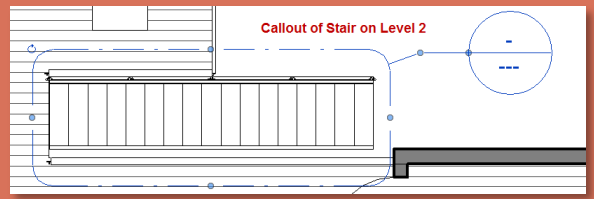
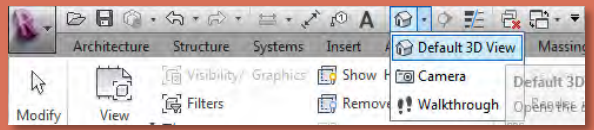
Scavenger Hunt

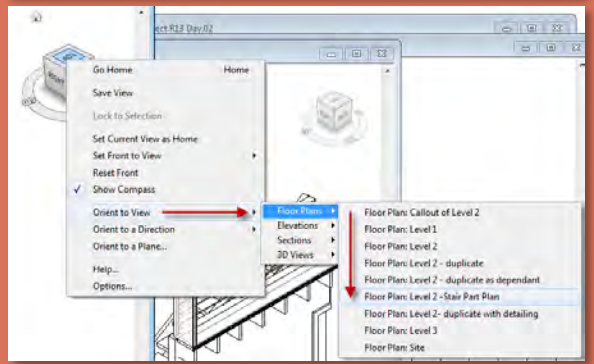
- Orient to View
- Detail Views
  - Sections
  - Elevations
  - Callouts
- Sample Stair

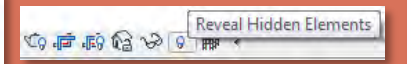
  Sheet 4 views

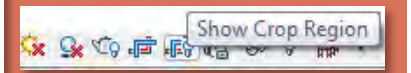
Stair :Isometric View using "Orient to View"









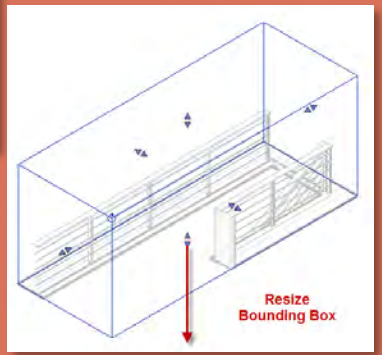


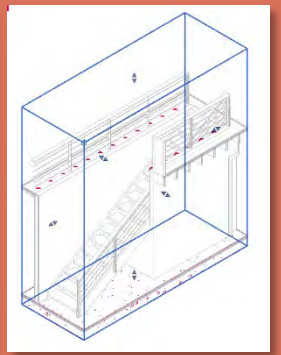
Stair Callout:

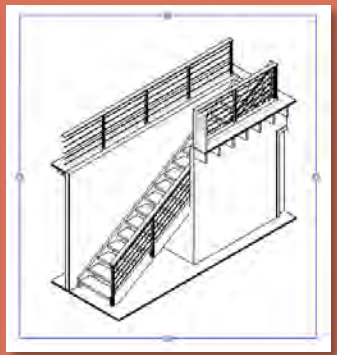
1. Callout of Stair on Level 2 (scale ¼'')
2. Go to View
3. Adjust Scale to ½'' = 1'-0''

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 ½'' to match the plan detail
6. Duplicate View and Name it ''Stair Isometric''
7. Adjust Crop region of view







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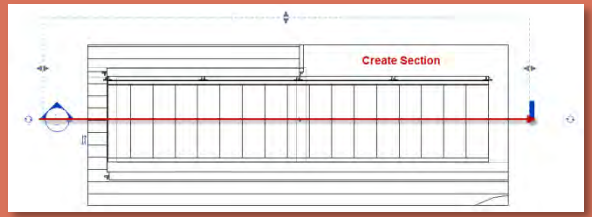
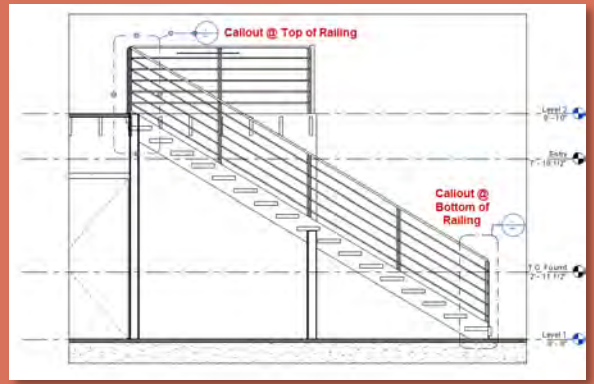
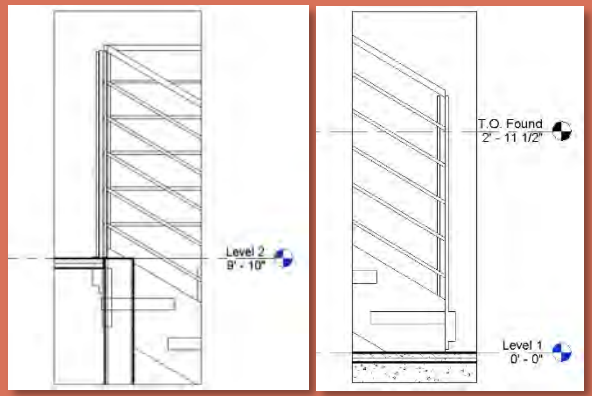
  Sheet 4 views

Stair :Section & Elevations & Callout Details







Stair Section:

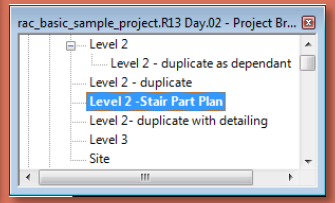
1. Section on stair callout (scale ½'')
2. Go to View
3. Adjust Crop Regions of View

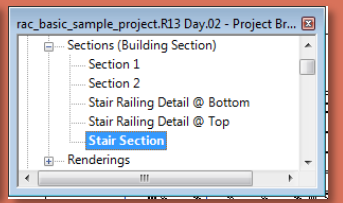
Section / Elevation Callouts

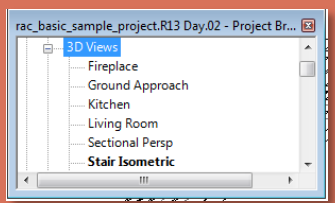
1. Callout of ''Stair Railing Detail @ Top'' Scale will be set to 1'' = 1'-0''
2. Callout of ''Stair Railing Detail @ Bottom'' Scale will be set to 1'' = 1'-0''

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

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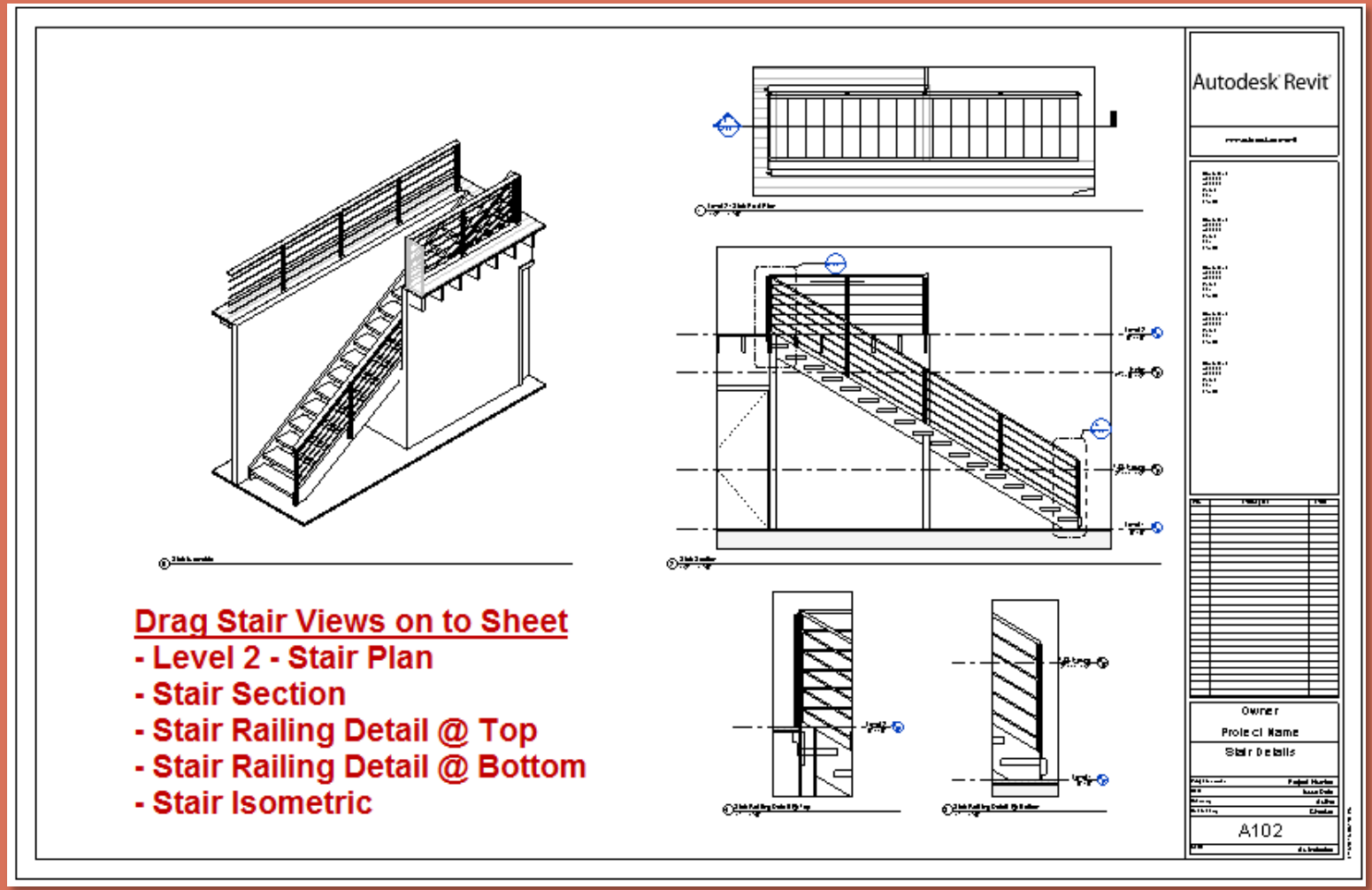
  - Callouts
- Sample Stair Sheet 4 views

Scavenger Hunt Stair Sheet – Sample Layout



That's all Folks!