

Building Technology III
New York City College of Technology

Course Day 09

Revit Day 01

Take a Tour & Scavenger Hunt & Orient to View



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Project Tour

- Change Units
- Take a Tour

Project Browser

- Floor Plans
- Ceiling Plans
- 3D Views
- Elevations
- Sections
- Renderings

Creating Views

- 3D Views
- Section
- Callout
- Plan Views
- Elevation
- Drafting view
- Duplicate
- Legends
- Schedules
- Scope Box

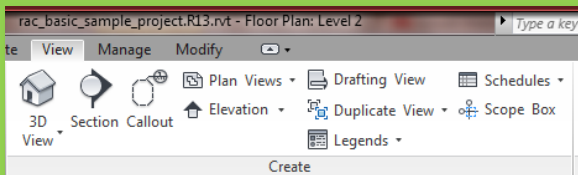
Scavenger Hunt

- Orient to View
- Sheet & Views
- Stair Sheet 1 2 3
- Plot to PDF

Wrap Up

Scavenger Hunt

RAC_Basic_Sample_Project.rvt



To describe the sample model identify and create as many unique views as you can find. (the scavenger hunt)

Group related views and place them on a sheet at the appropriate scale. A unique view is one that adds to the story and is not redundant.

Student Learning Objectives:

Upon successful completion of this assignment, the student will:

- Correctly Name a Revit File according to class standards
- "Tell a Story" through drawings by selecting appropriate views of a Revit Model.
- Logically group together related views and format these on a sheet in Revit.
- Understand the appropriate scale for various drawing types.

Assessment:

To evaluate the student's achievement of the learning objectives, the professor will:

- Evaluate the file for proper naming convention.
- Evaluate the number of stories told by the student.
- Evaluate the quality and completeness of the story told by the student.
- Evaluate the quality and formatting of view laid out on sheets in Revit.
- Evaluate the appropriate use of scale.
- Assess assignment for deadline submission / lateness
- Commend the student for initiative beyond the given the assignment.

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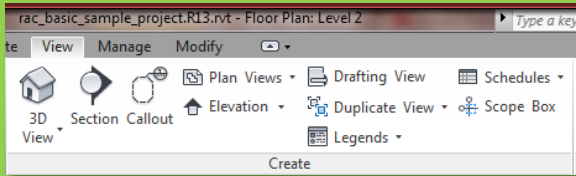
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Assignment Requirements:

- Optional SH-0.01 Cover Sheet with Perspectives
- Optional SH-0.02 Existing Plans w/ Callout & Section Keys
- Required SH-1.01 Scavenger Hunt Sheet/Story 1
- Required SH-1.02 Scavenger Hunt Sheet/Story 2
- Required SH-1.03 Scavenger Hunt Sheet/Story 2

•Focus on Quality and not Quantity.

•Complete the three required sheets before you work on optional sheets.

•If an individual story requires more than 1 sheet, increment the numbering system using letters (SH-1.01a, SH-1.01b, SH-1.01c)

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Wrap Up

Day 1 – Wrap up

- Units 1 = 1 foot
- Object Properties
- Project Browser
 - Views
 - Sheets
 - Families
 - Groups
- ZE = zoom extents
- Parametric Views
- Visual Styles
- Vocabulary terms
 - Parametric
 - Building Information Modeling
- Scavenger Hunt
 - Orient to View
 - Adding Sheets
 - Adding Views to Sheets
 - Plotting to PDF
- Homework
 - Upload completed scavenger hunt to blackboard by 11 pm the night before next class. Include a single PDF and your Revit file.
 - File must include course name, assignment description and your full name
Last.First.ScavengerHunt.pdf