

Class Summary

In this class we will review the concepts, processes, and tools in Revit 2013 to efficiently design and document building enclosures.

Details from large-scale projects will be used to illustrate the concepts.

Topics will include:

2D drafting in overlay & drafting views

Team, model, & detail "kit of parts" organization strategies

Embedding 2D details in curtain wall panels

Learning Objectives

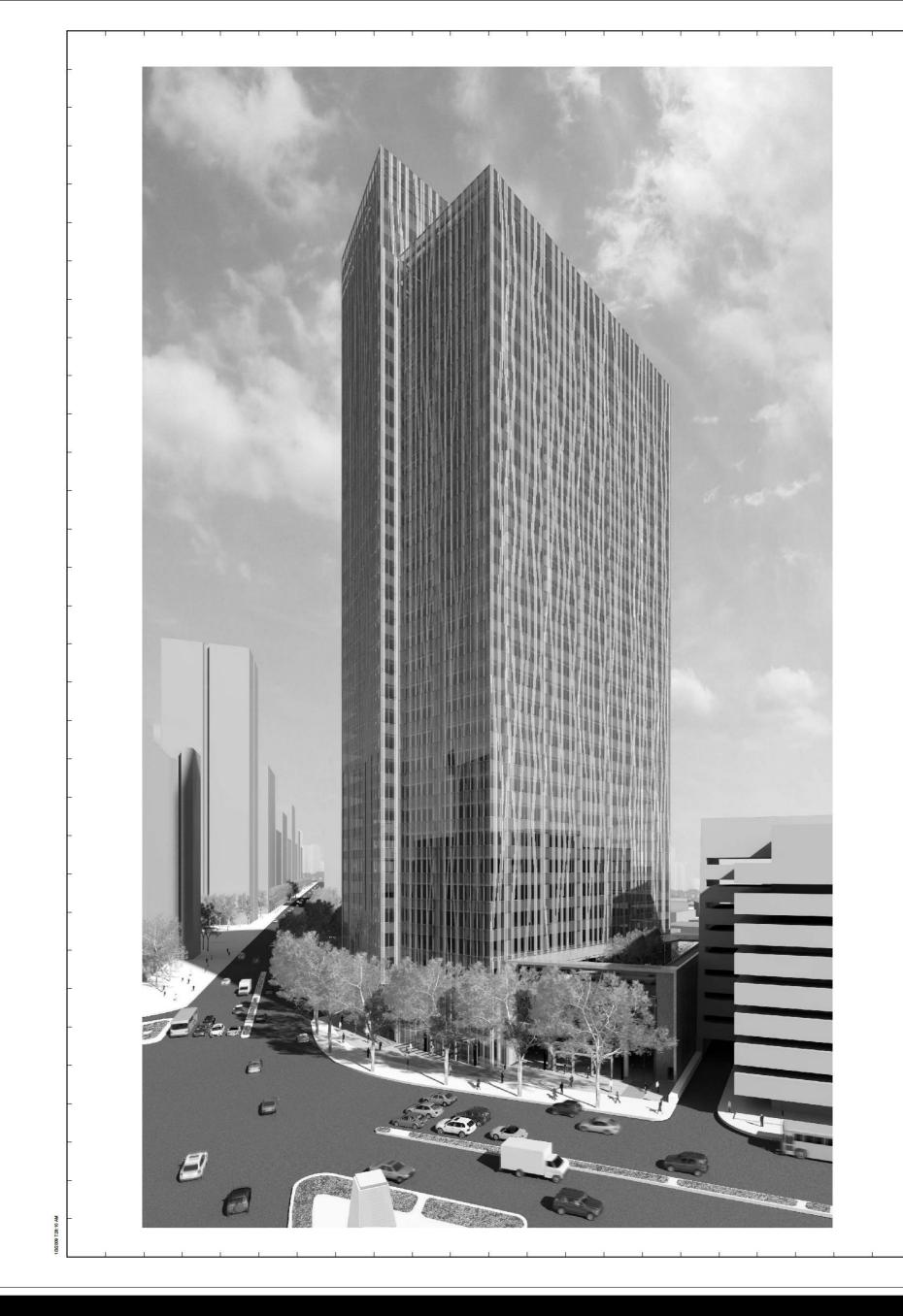
At the end of this class, you will be able to:

- Where to find knowledge resources for detailing in Revit
- Plan your transition from CAD drafting to Revit 2D & 3D Detailing
- Describe & use Revit's detailing tools
- Create details directly from within Revit







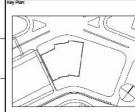




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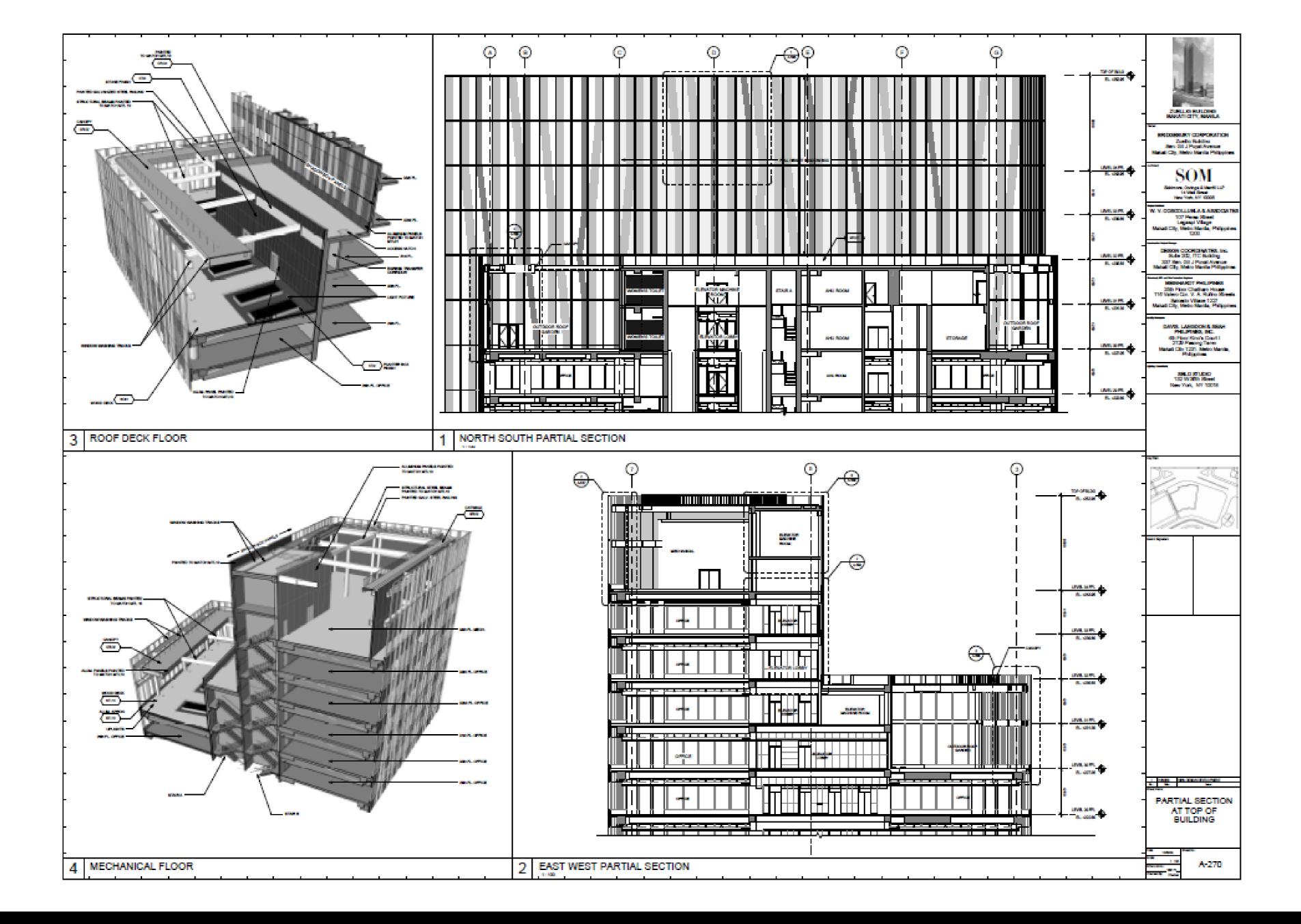
ZUELLIG BUILDING MAKATI CITY, PHILIPPINES

100% DESIGN DEVELOPMENT

January 02, 2009

TITLE SHEET

G-001



Who's Detailing in Revit?

An Architect or Interior Designer

An Engineer

BIM, CAD, or Digital Design Manager?

New to using Revit?

Who's using Revit to model and create plans, elevations, and sections... but not to detail?

Where To Find Additional Resources



We use technology to help you build better.



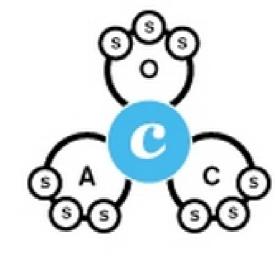
Technology Strategy

We leverage our broad exposure to help clients maximize their technology investments.



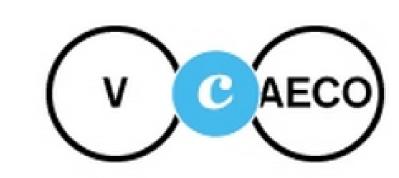
BIM Implementation

Our platform neutral training and support is focused on your project, not sales quotas.



Project Consulting

Our consultants bring deep insight from applying technology to real world projects.



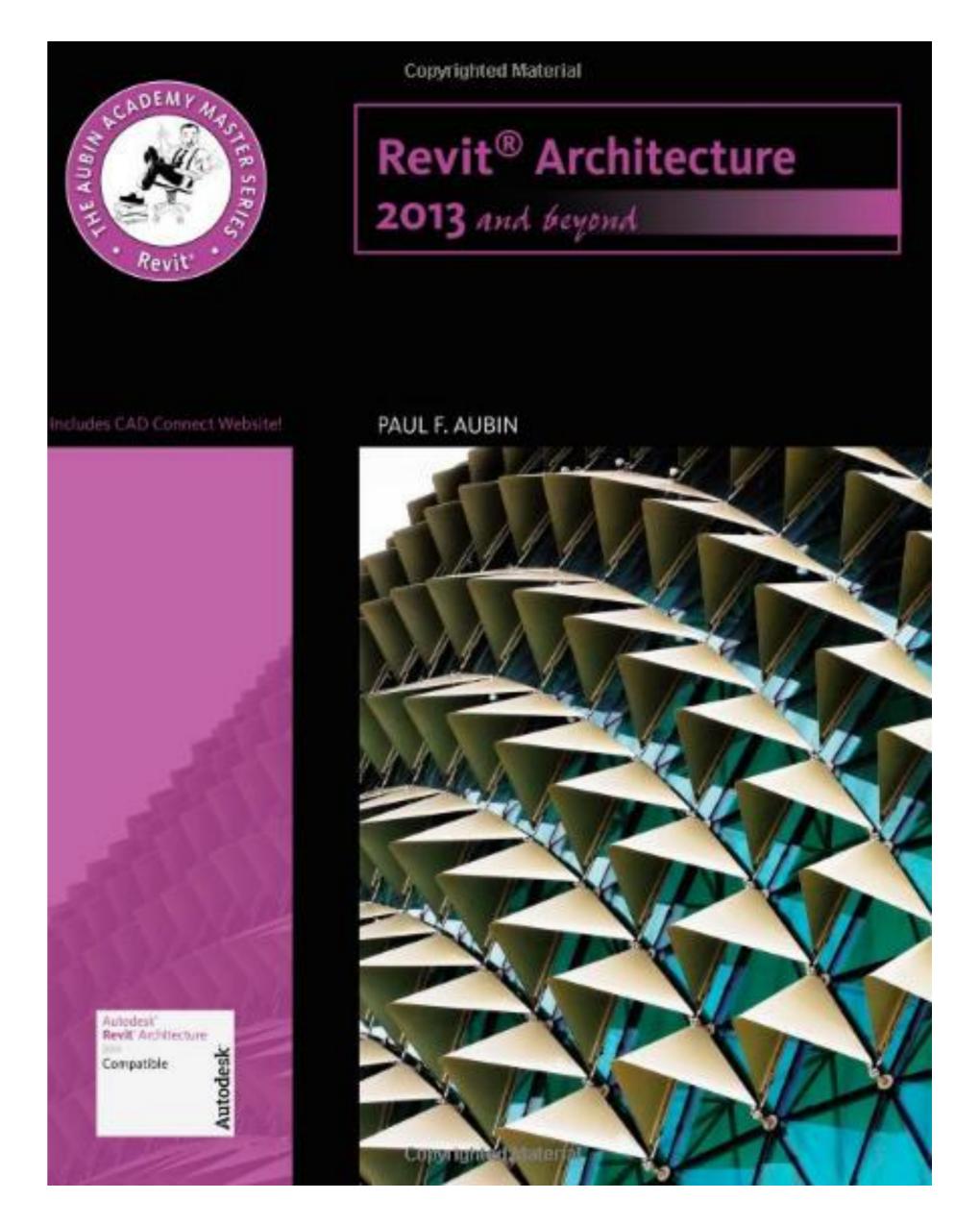
Software Development

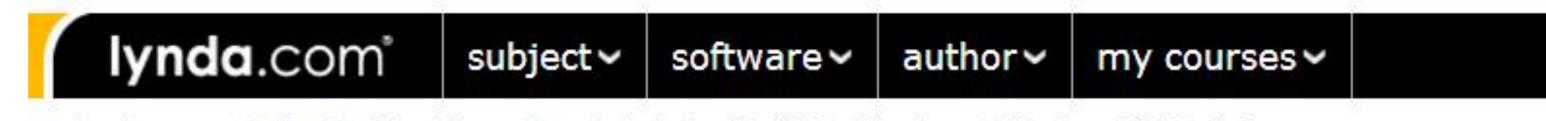
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The Aubin Academy Master Series: Revit Architecture 2013 and Beyond





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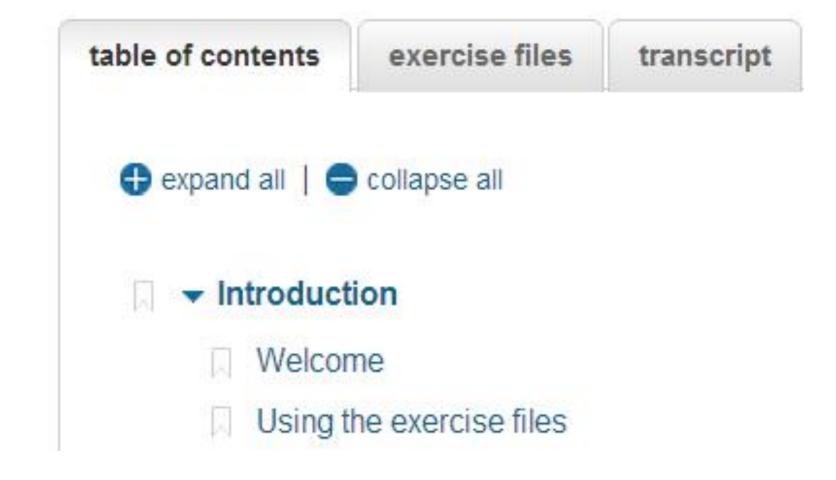
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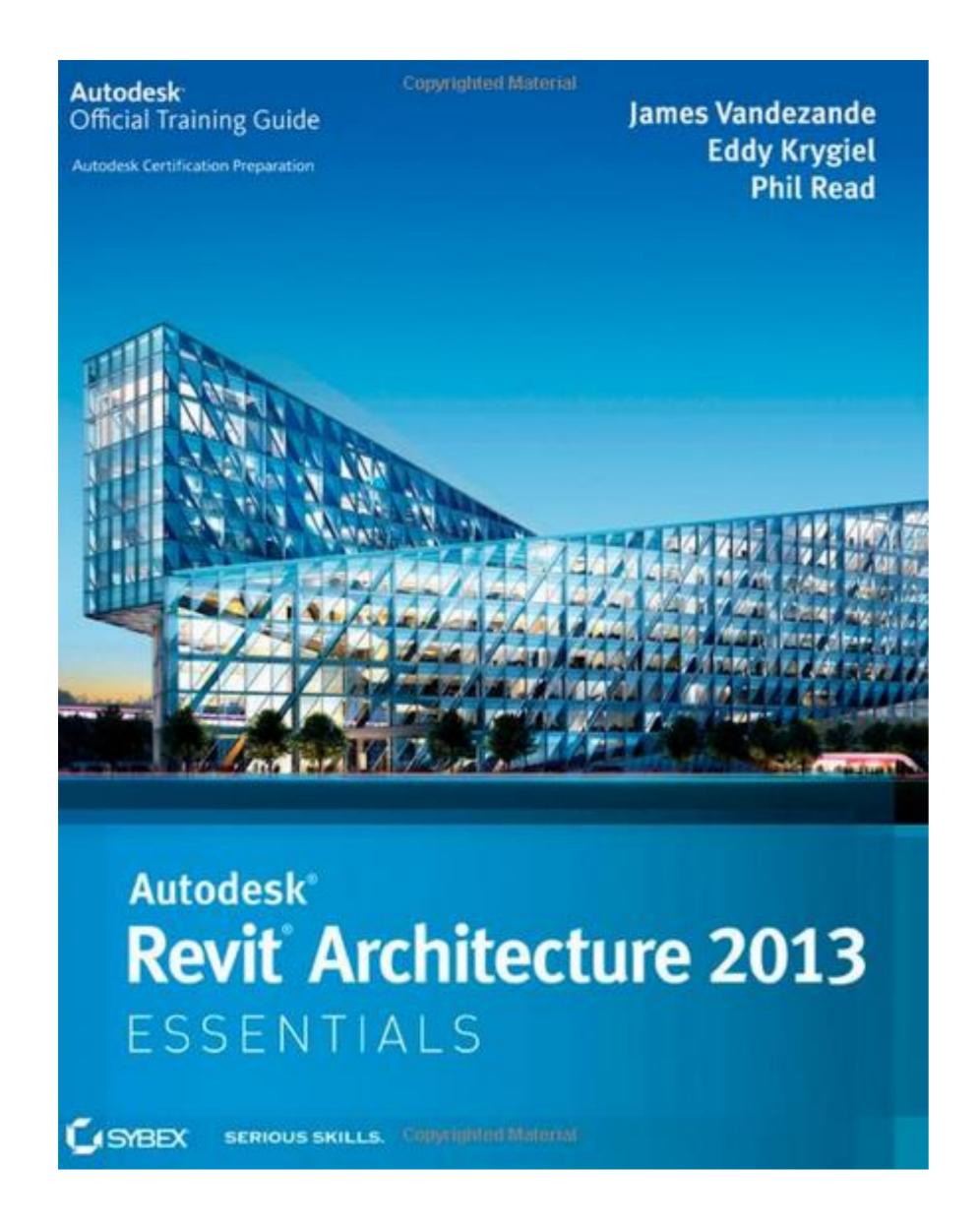
www.lynda.com Paul F. Aubin

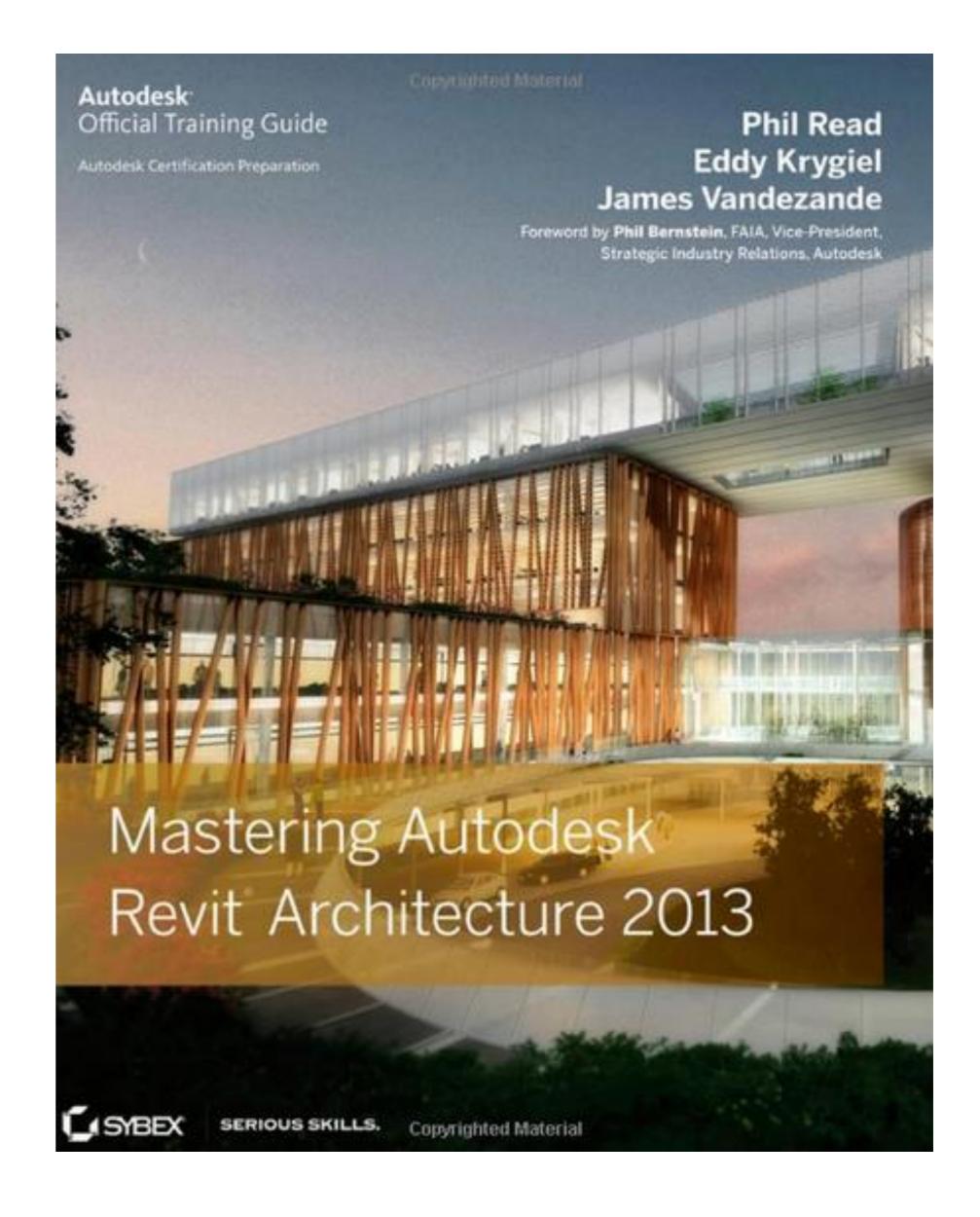
Find out how to create compelling architectural designs using the modeling tools in Autodesk Revit software. In this course, author Paul F. Aubin demonstrates the entire building information modeling (BIM) workflow, from creating the design model to publishing a completed project. The course also covers navigating the Revit interface; modeling basic building features such as walls, doors, and

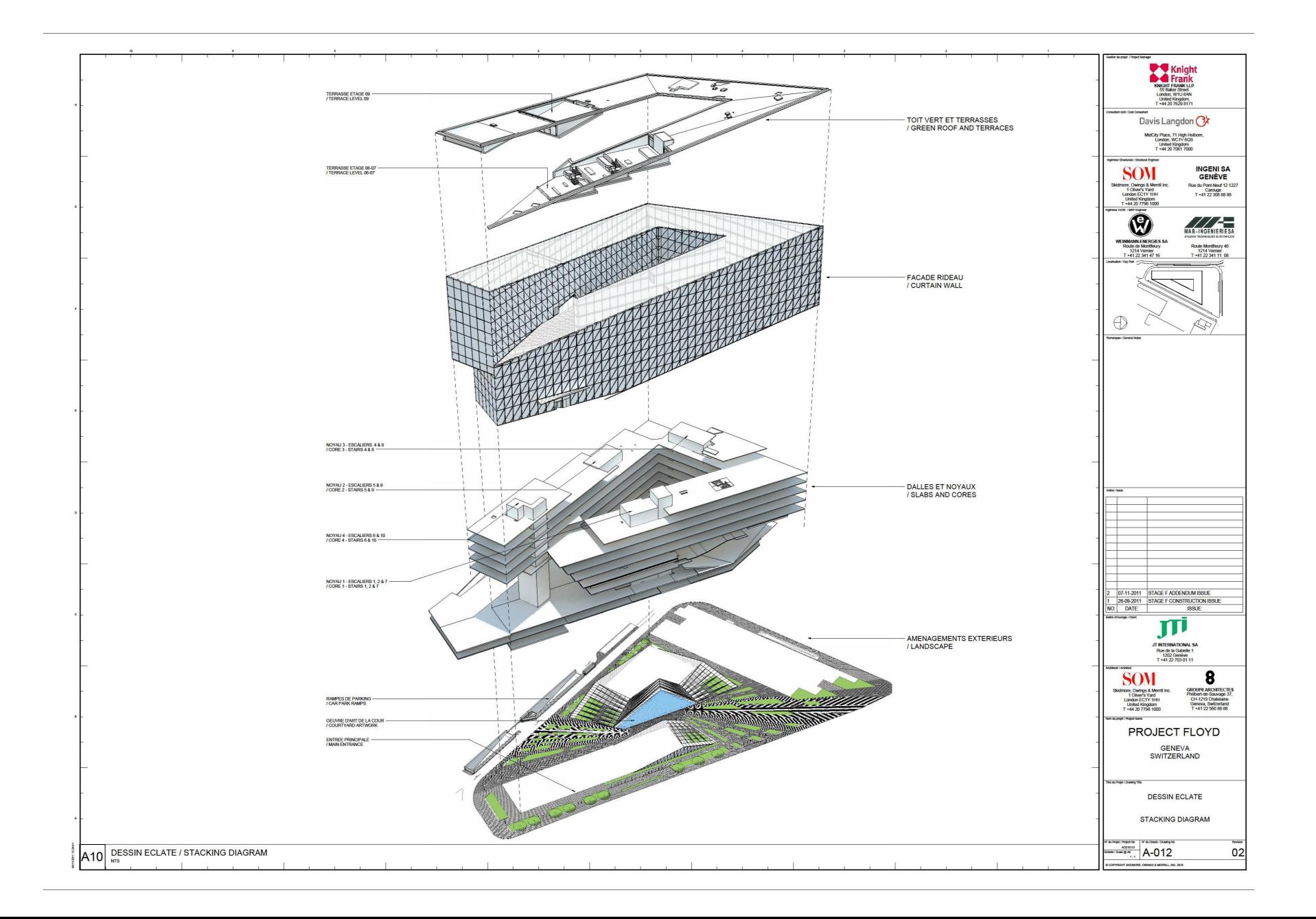
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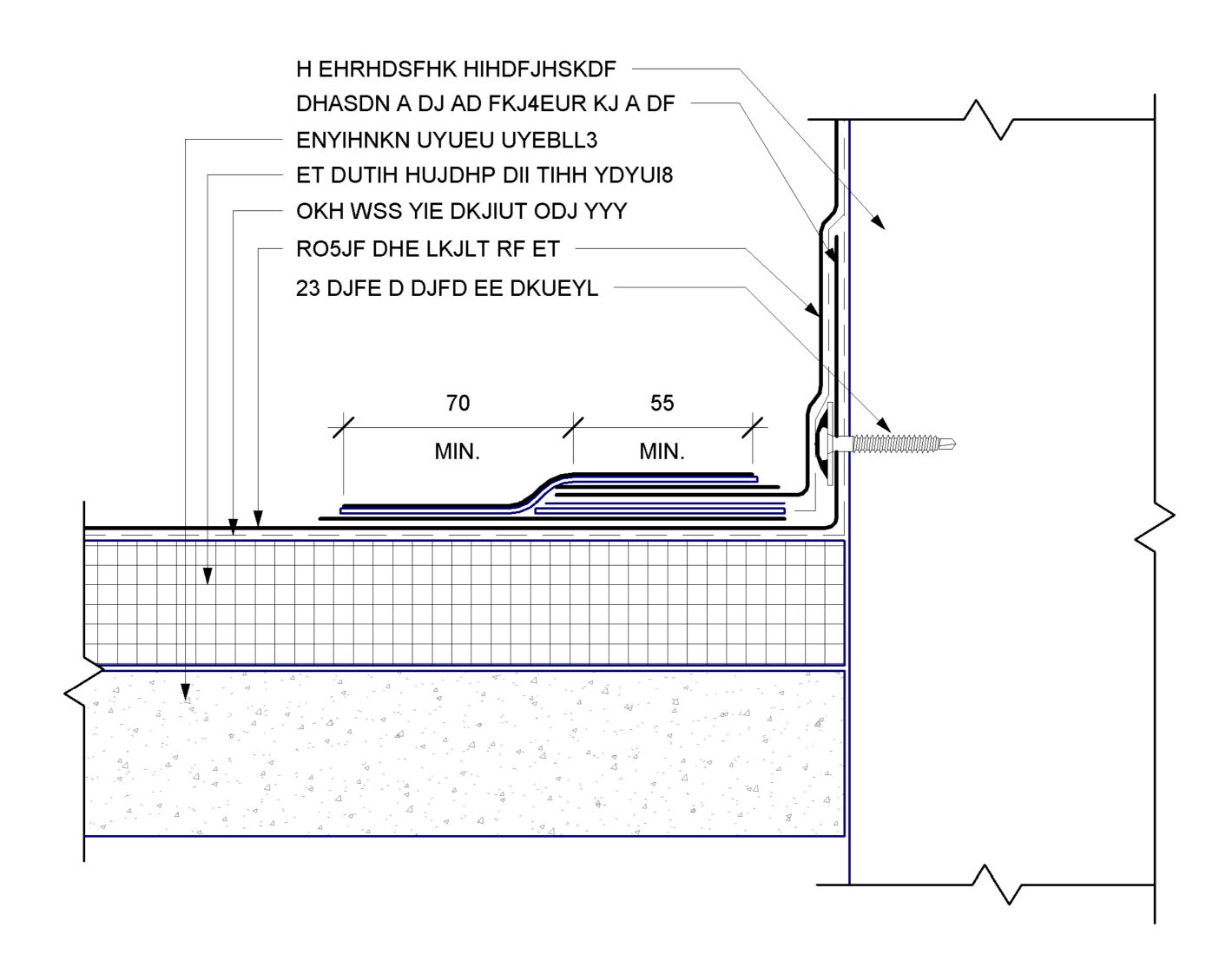
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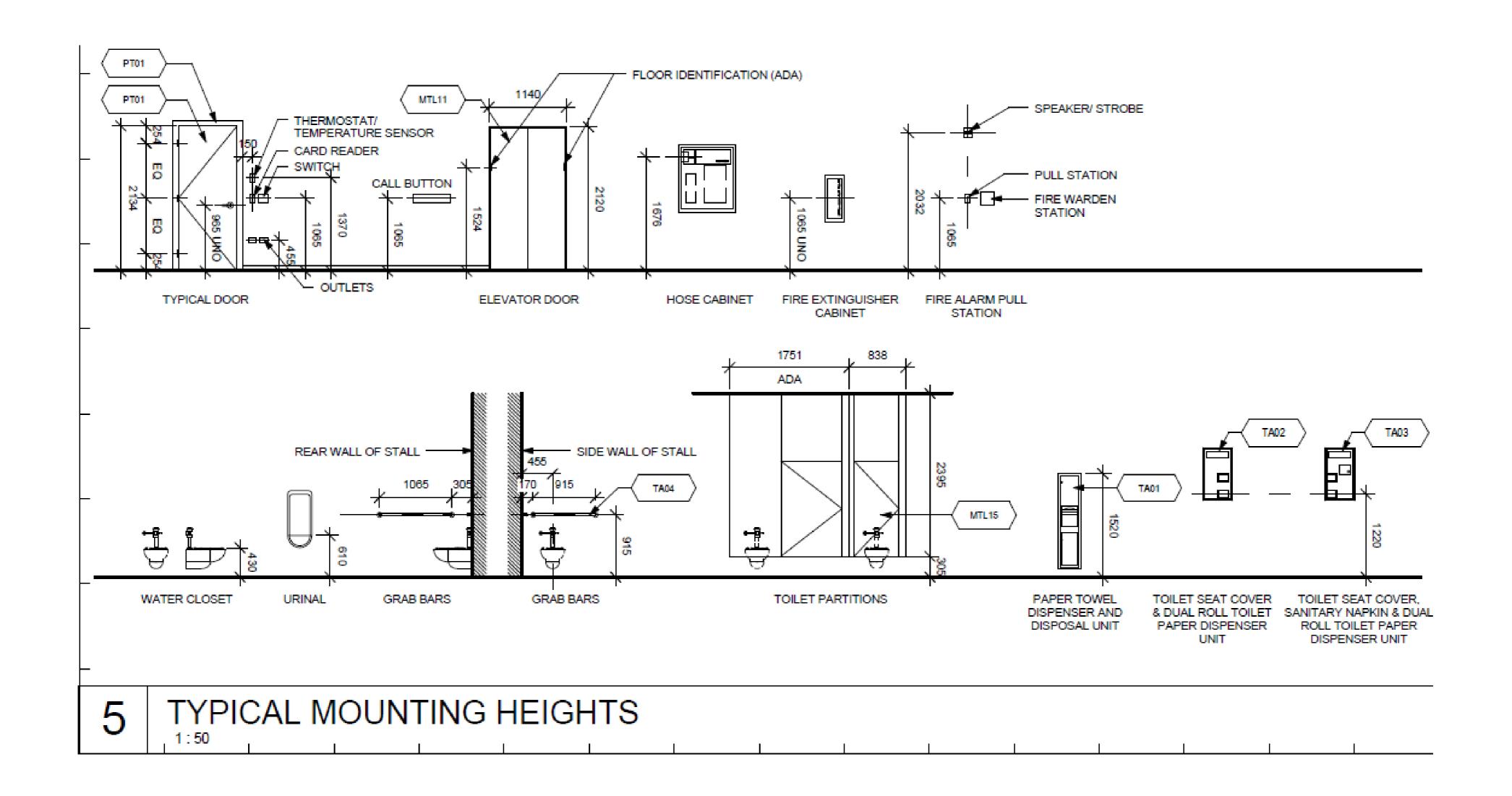








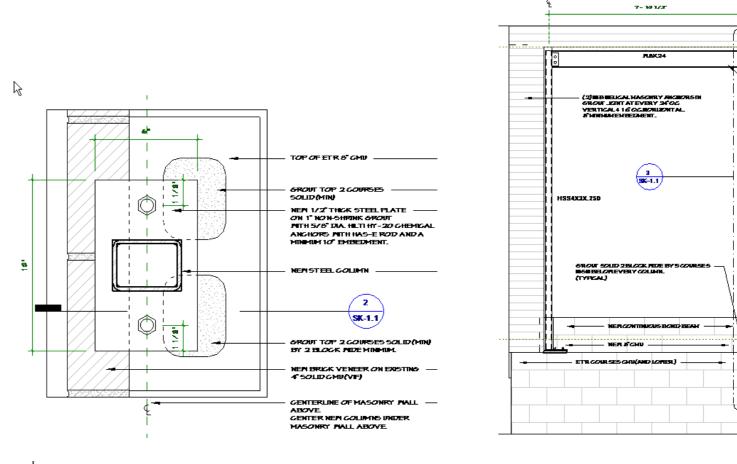


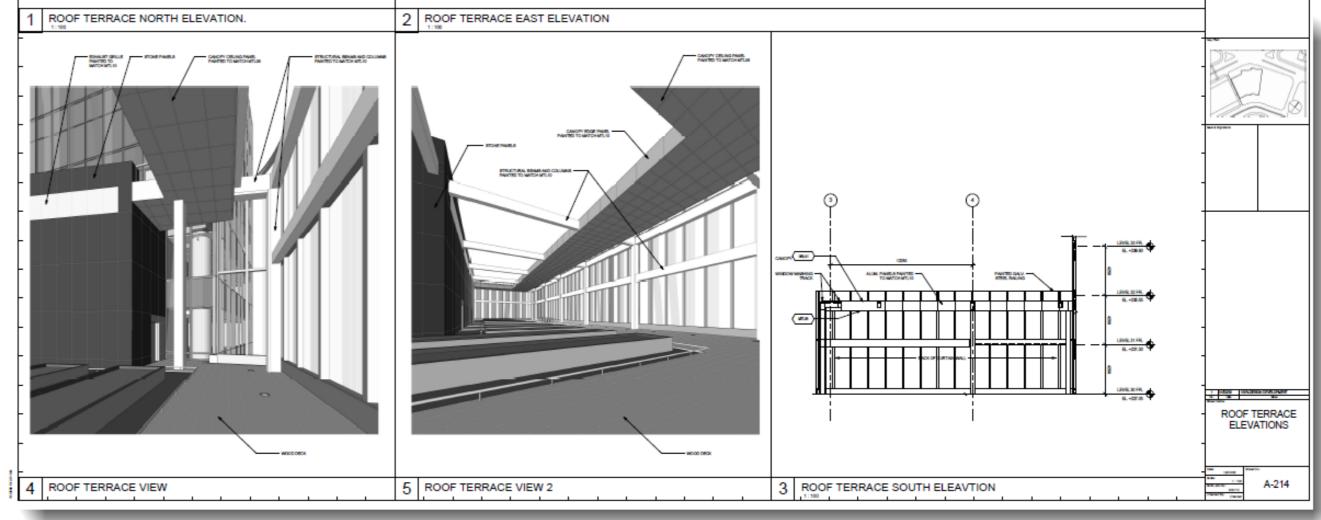


Detailing Revit Overview

Detailing in Revit is similar to detailing in traditional drafting

In Revit, you base your detail on data that are automatically generated in the views of the model.





Revit's Detailing Tools

The Primary Tools Used in Revit Detailing:

- -Detail Lines
- -Filled Regions

- -Detail Components
- -Repeating Details
- Collaborate (▲) ▼ Massing & Site + - Span Direction Il Detail Line Revision Cloud Multi-Category 🖫 Room Tag ABC Check Spelling Region • [☐] Detail Group ▼ Component • S Insulation Find/ Replace Stair Path Color Fill Symbol Select Text Tag ▼ **こ。Detail Line** Revision Cloud Region • Detail Group • Component • S Insulation Detail

-Detail Groups

Revit's Detailing Tools (part 2)

The "Other" Tools Needed to Complete a Detail:

-Text

-Dimensions

-Move

-Copy

-Array

-Rotate

-Mirror

-Align

-Trim

–Line Work

-Show/Remove Hidden Line

-Spell Check

-Edit Cut Profile

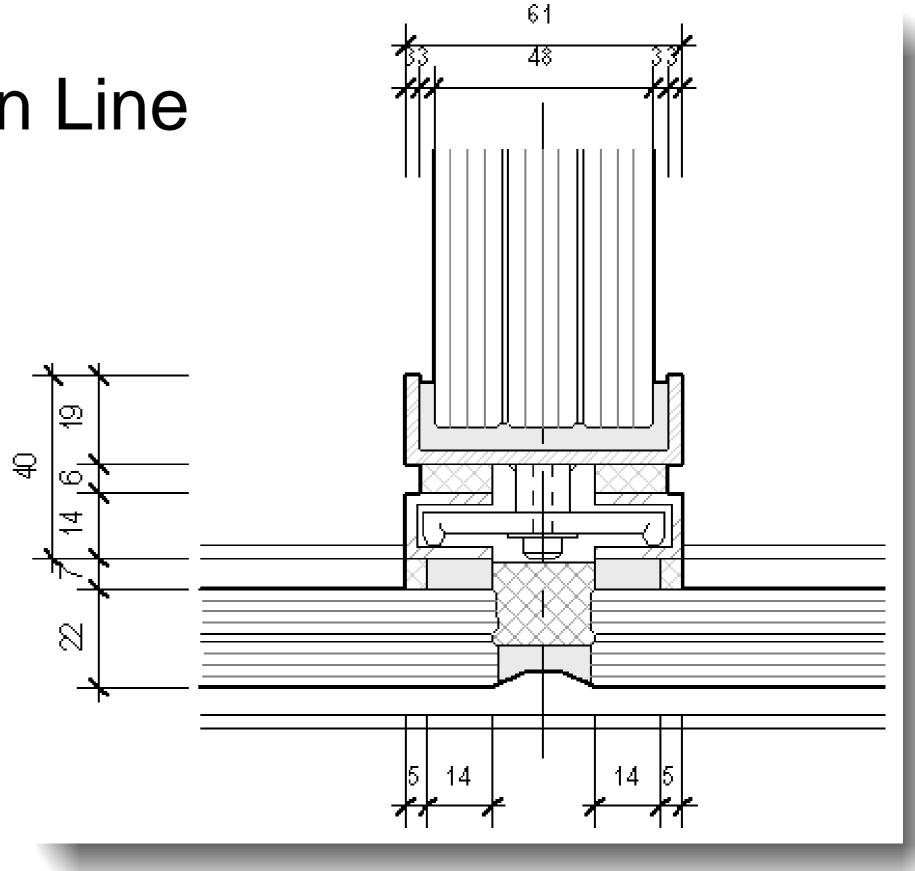
-Split

-Offset

-Scale

-Pin

-Create Similar



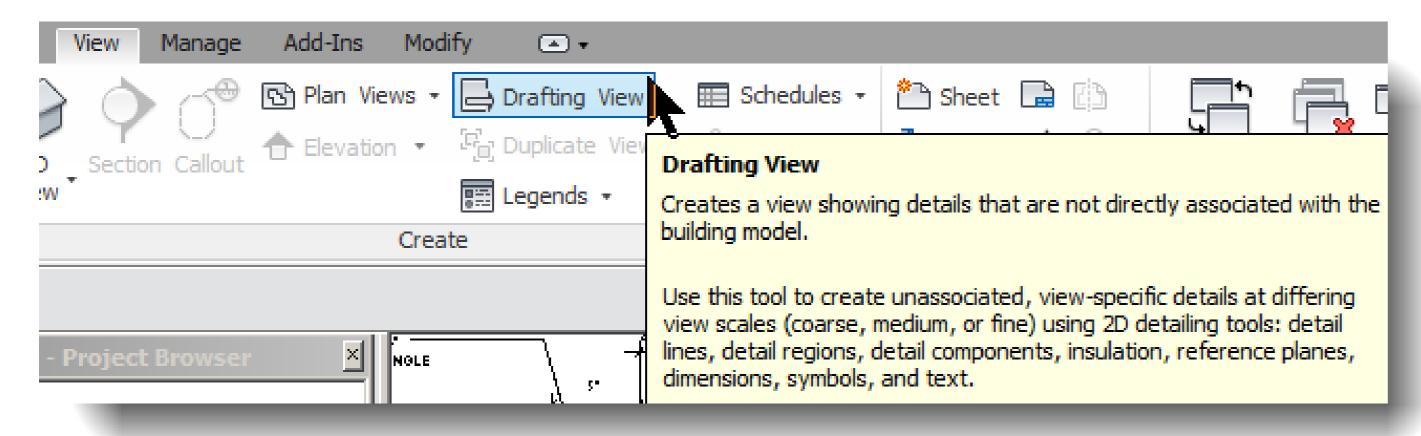
Revit's Detailing Tools (part 3)

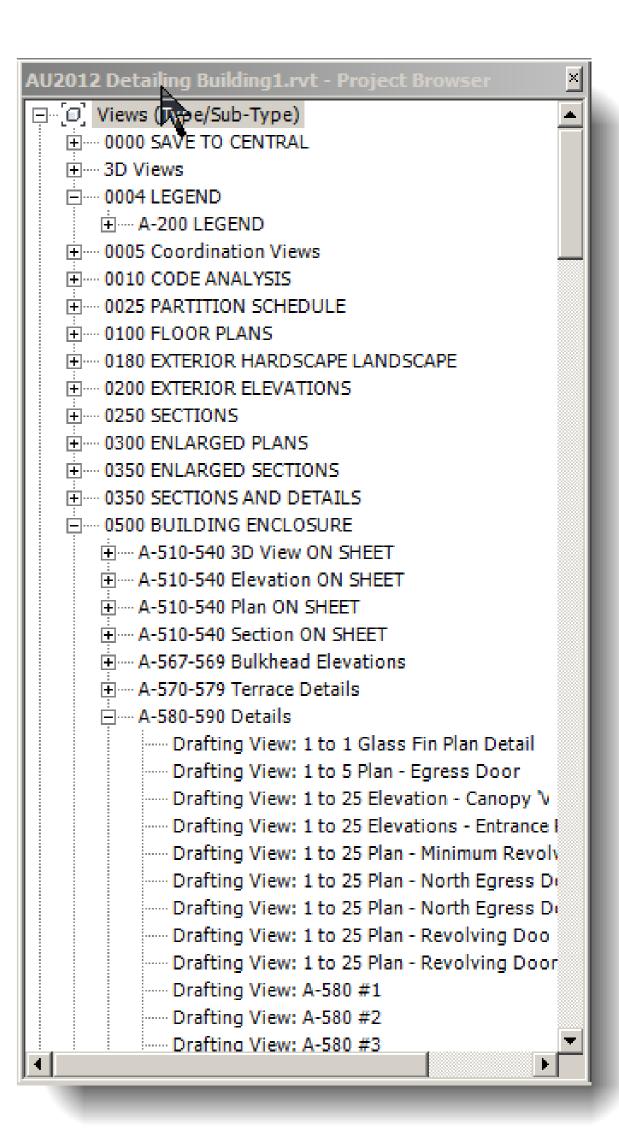
Detailing Views:

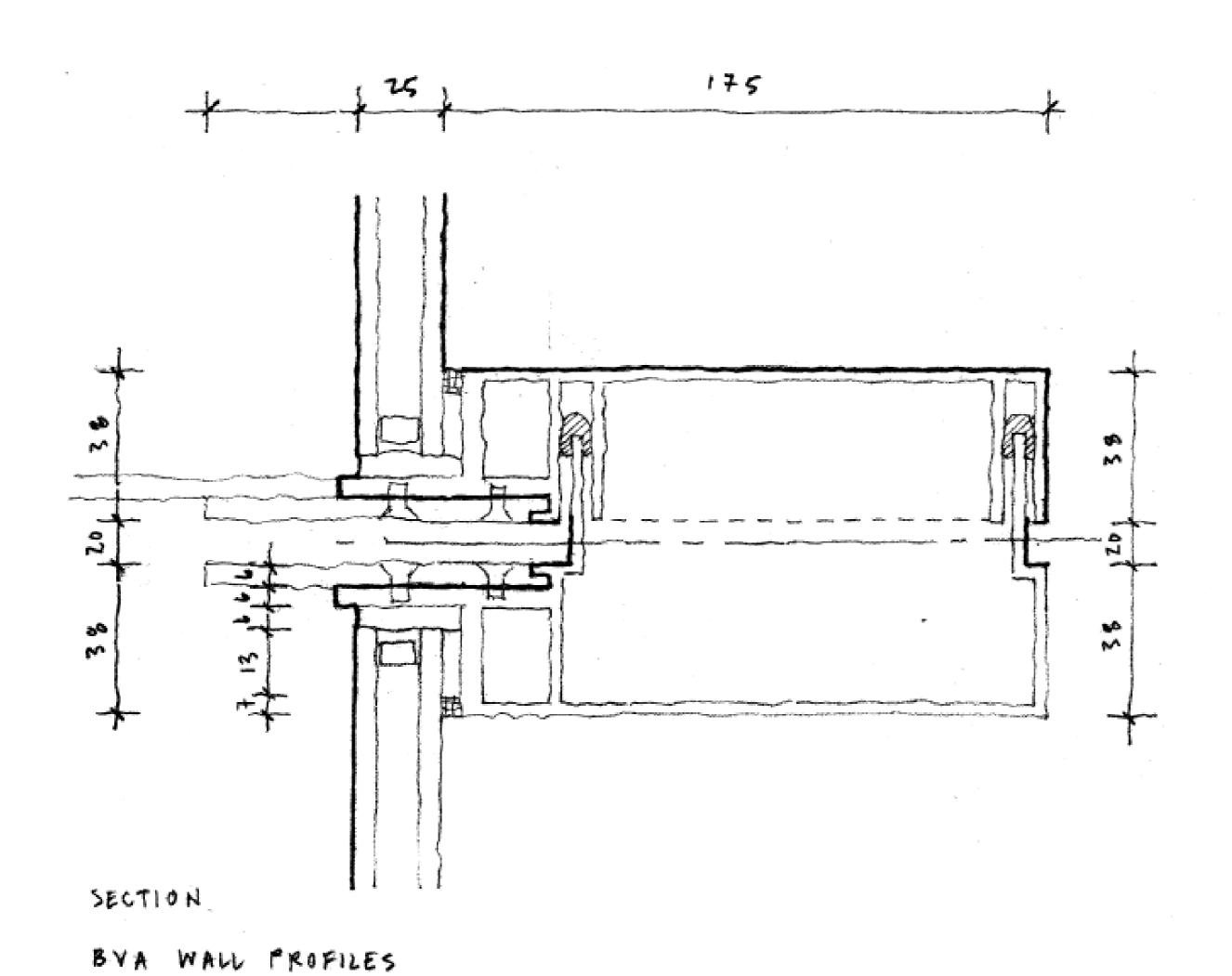
Imported & Linked Details

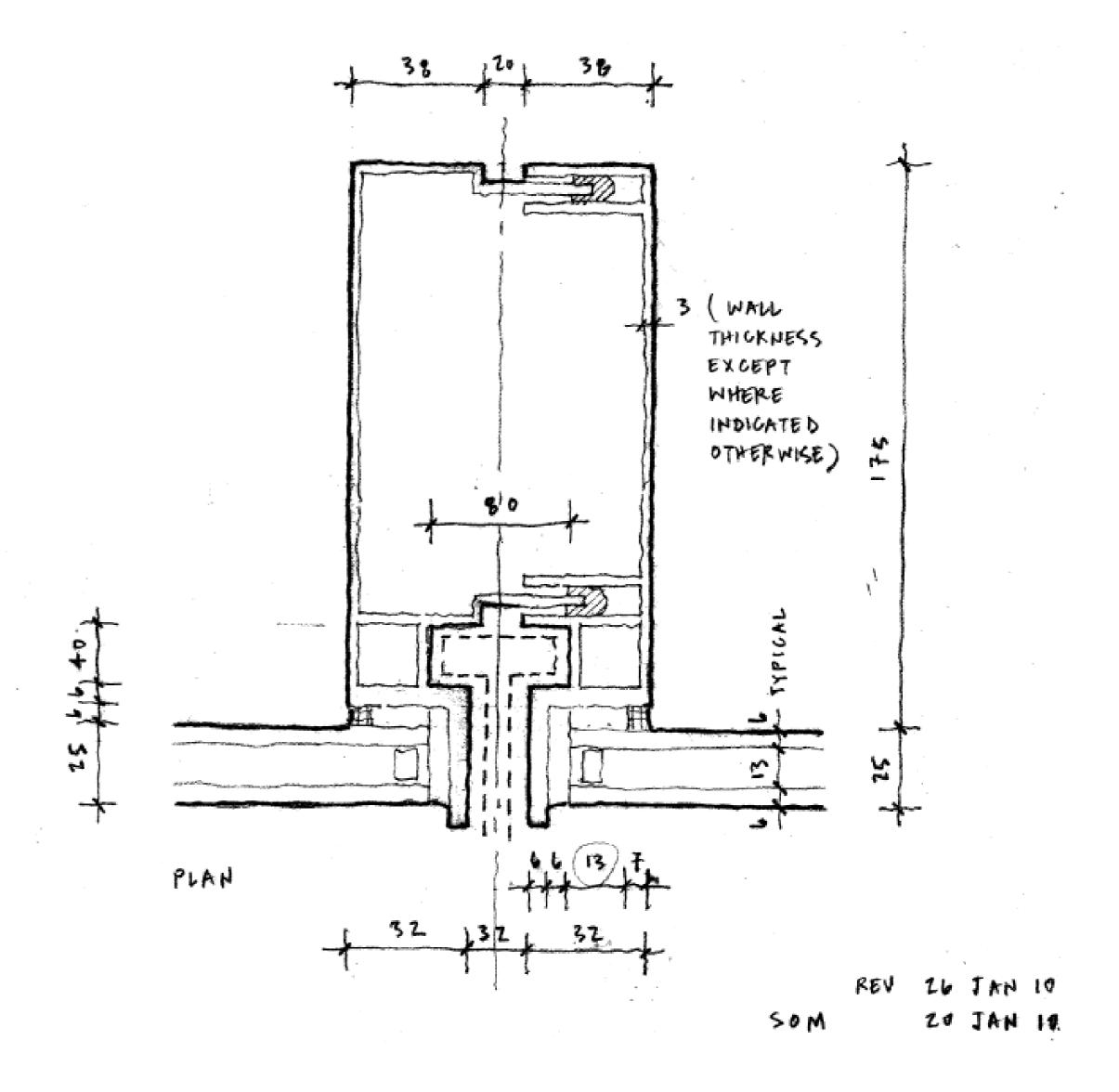
- -Plans
- -Elevations
- -Sections
- -Callouts
- –Drafting Views

- -Vector (DWG, DXF, DGN)
- -Raster (JPG, BMP, PNG)









Let's Fire Up Revit and do some Detailing...

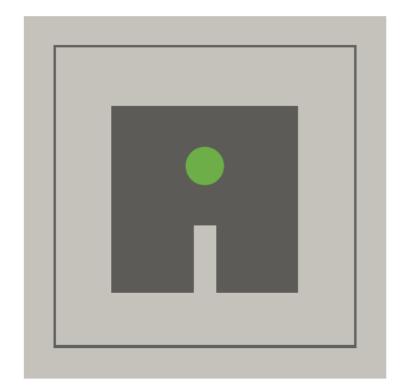
What We Covered...

- Where to find knowledge resources for detailing in Revit
- Plan your transition from CAD drafting to Revit 2D & 3D Detailing
- Revit's tools used for detailing
- Create details directly from within Revit

Questions?

robert.mencarini@som.com

an SOM / case social networking initiative



AEC-APPS.com a not-for-profit online community by and for professionals, academics & students



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The user profile is how others see you on AEC-APPS and how you follow other user activity.



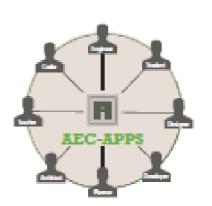
app discover

The App Profile is a snapshot of an enterprise application, applet, plugin, script, or code snippet rated and reviewed by other users.



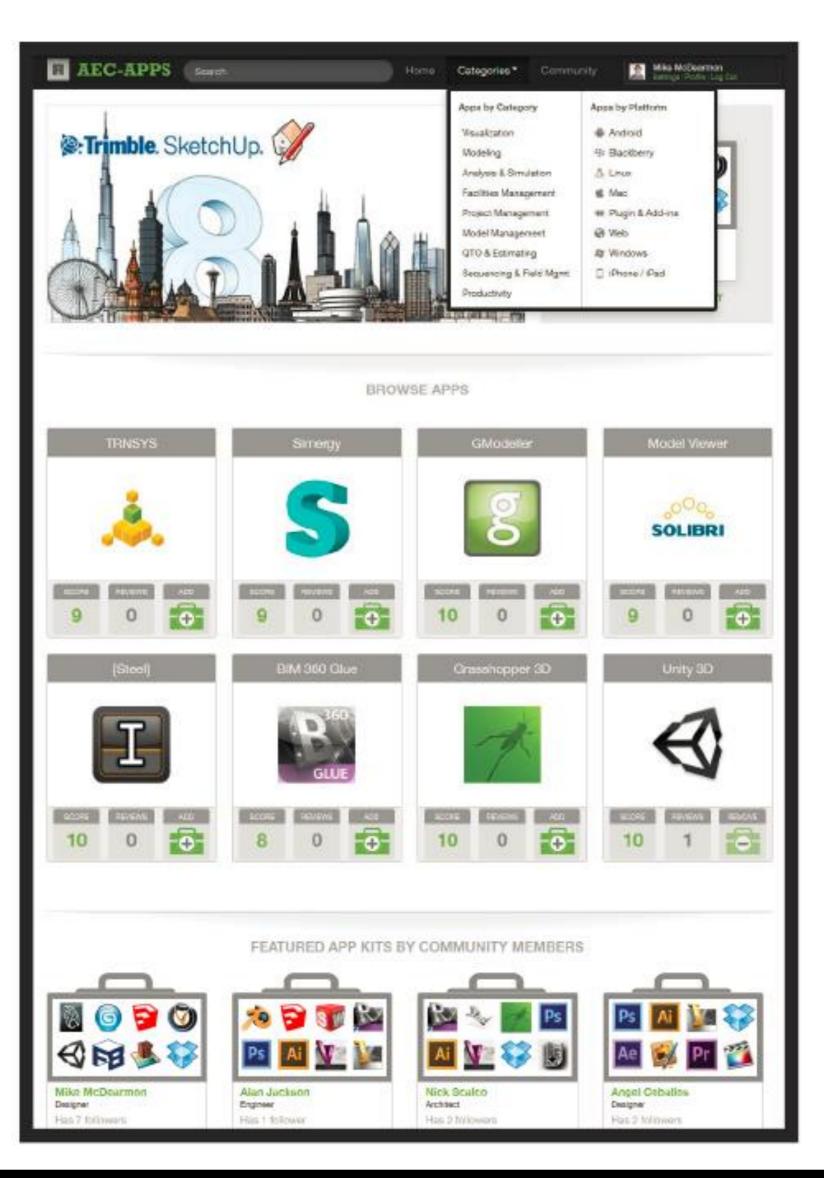
app kit share

Apps are collected and shared via a user's App Kit.



aec apps community

An egalitarian dialogue between diverse but like-minded users.



Thanks!

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