

# Preview of the New Curtain Wall Tool

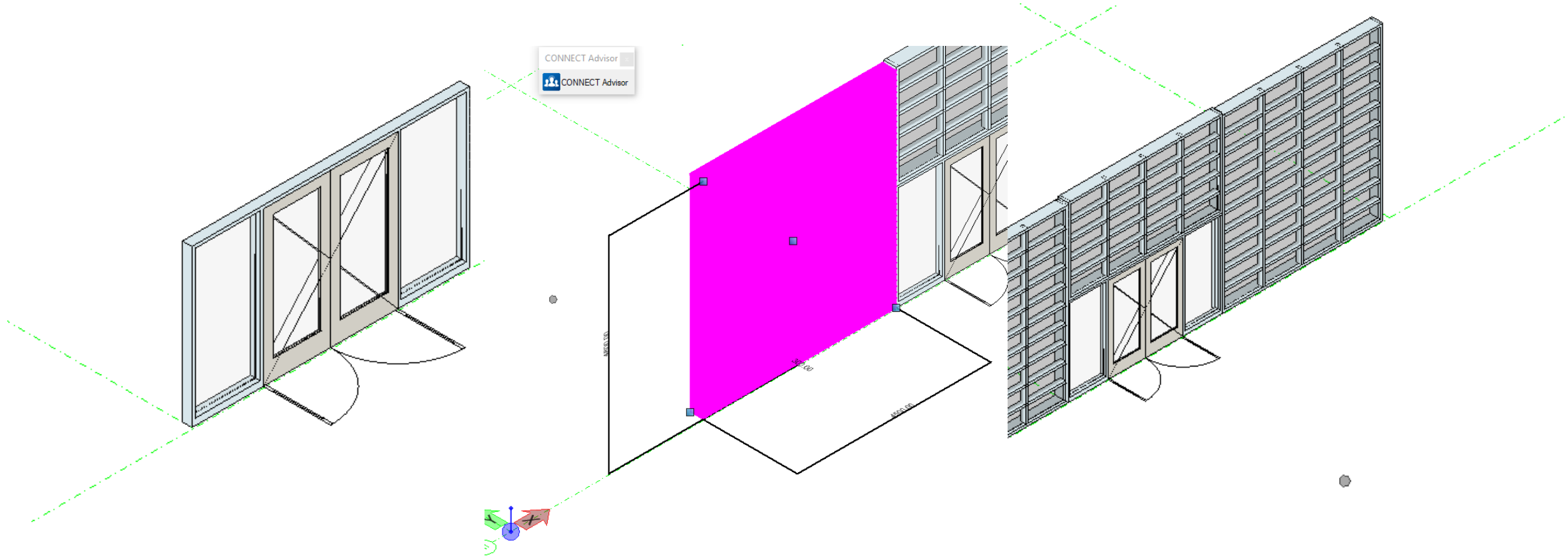
Brenden Roche  
Senior Application Engineer – BEPS EMEA

**Bentley**<sup>®</sup>  
Advancing Infrastructure

# Agenda

- Replaces Previous Tool and workflow
  - Completely re written
  - Designed to be more user friendly
  - Designed to make use of DG Reporting
- 
- .... Ongoing Developement

# Previously



Building Designer Tasks

Building Designer Tasks

Architectural Des...

- Q
- W
- E
- R
- T
- A
- S
- D
- F
- G
- Z

Structural Design

Structural Import/Export

HVAC Grilles & Diffusers

HVAC Rectangular Ducts

HVAC Round Ducts

HVAC Oval Ducts

HVAC Equipment

HVAC Analysis

Plumbing Design

LPG Design

Fire Protection Design

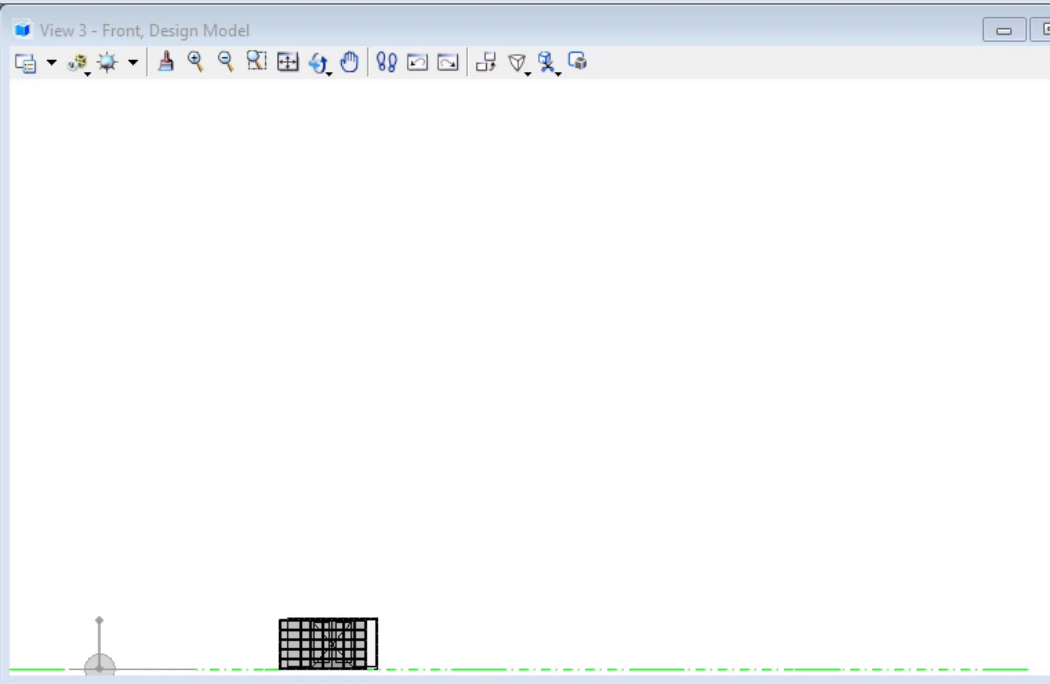
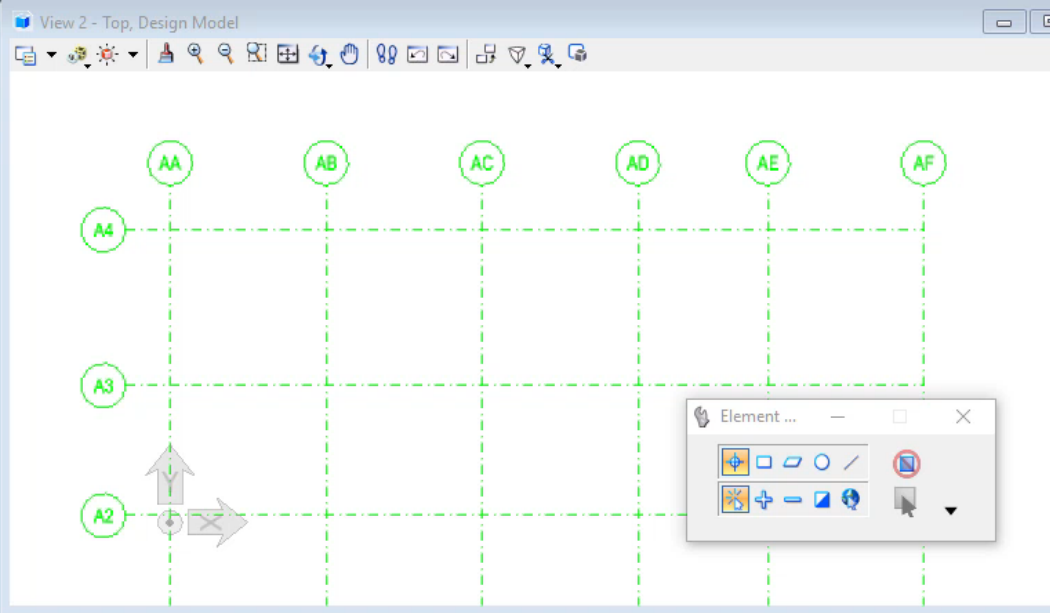
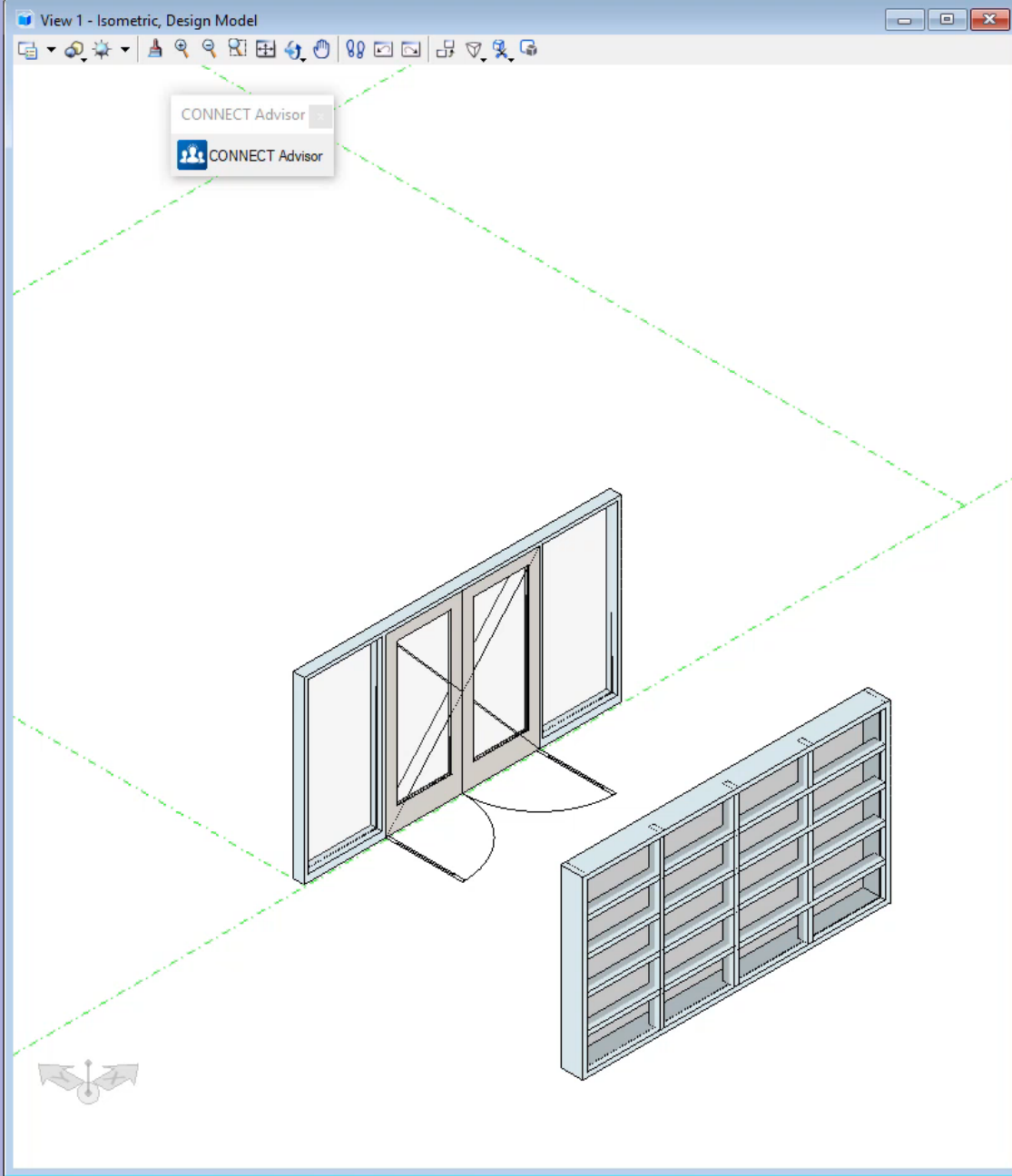
Plumbing Analysis

Data

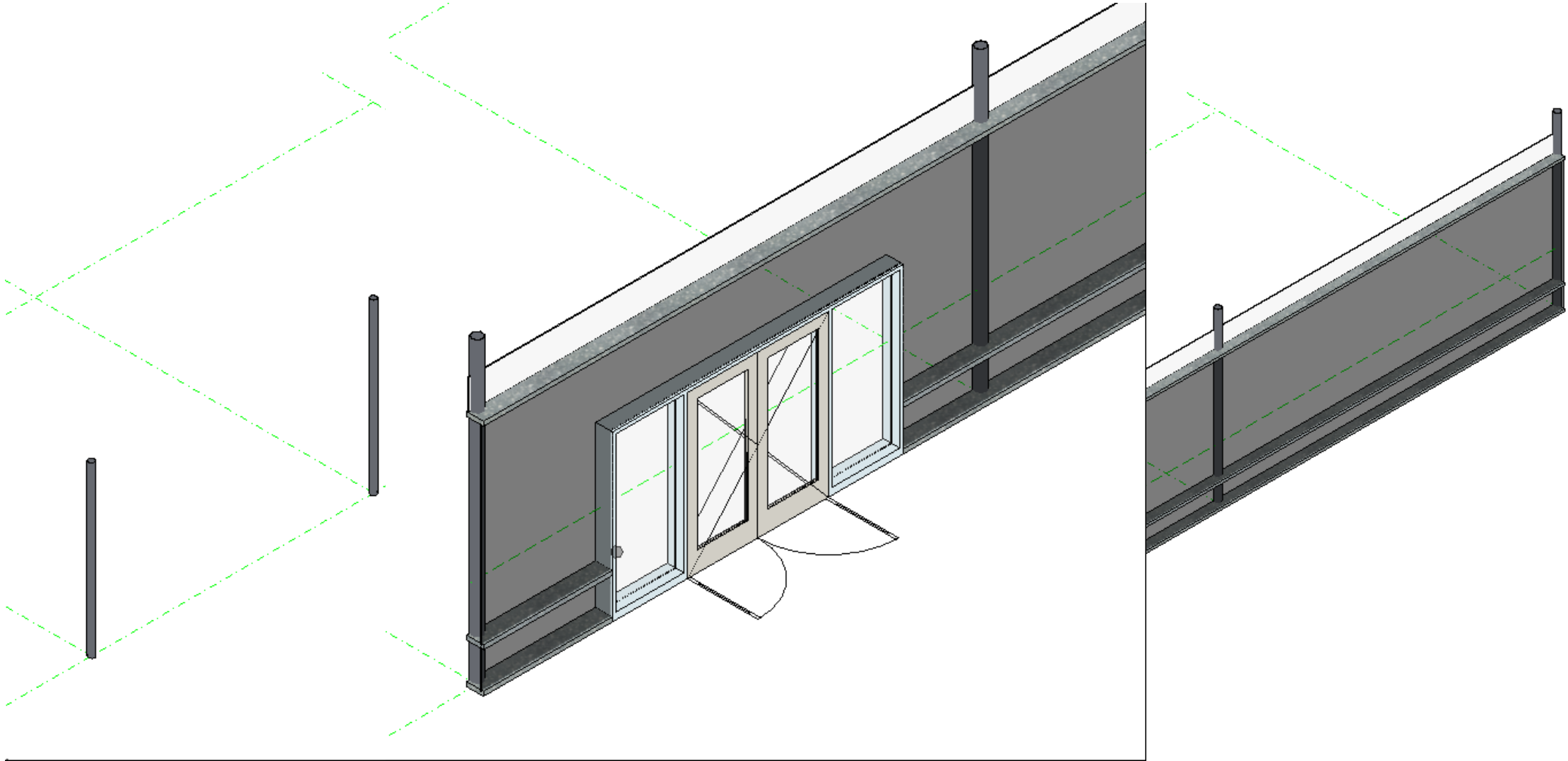
Coordination

Form Modeling

Solid Modeling



# Previously



Building Designer Tasks

Architectural Design

**Structural Design**

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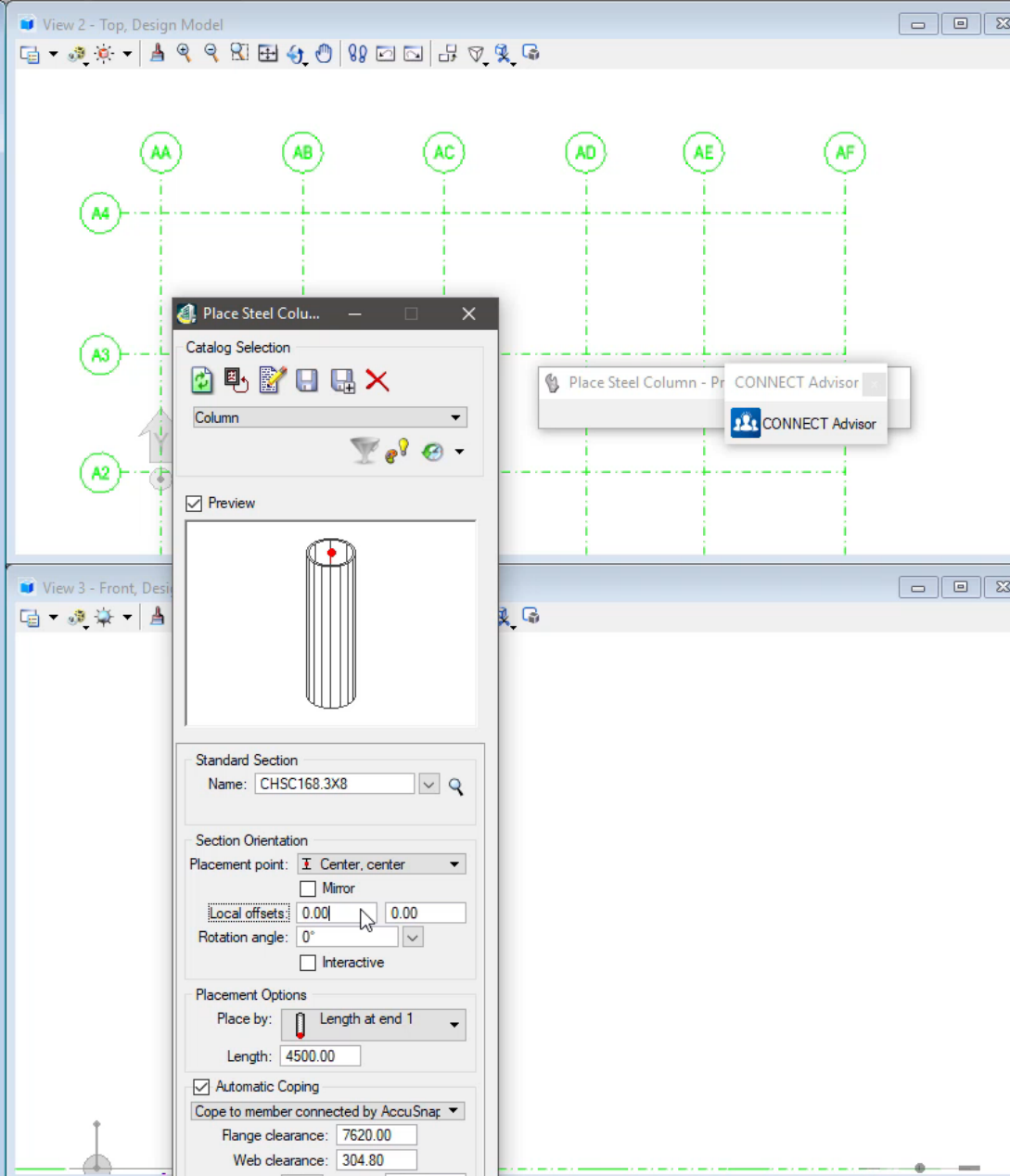
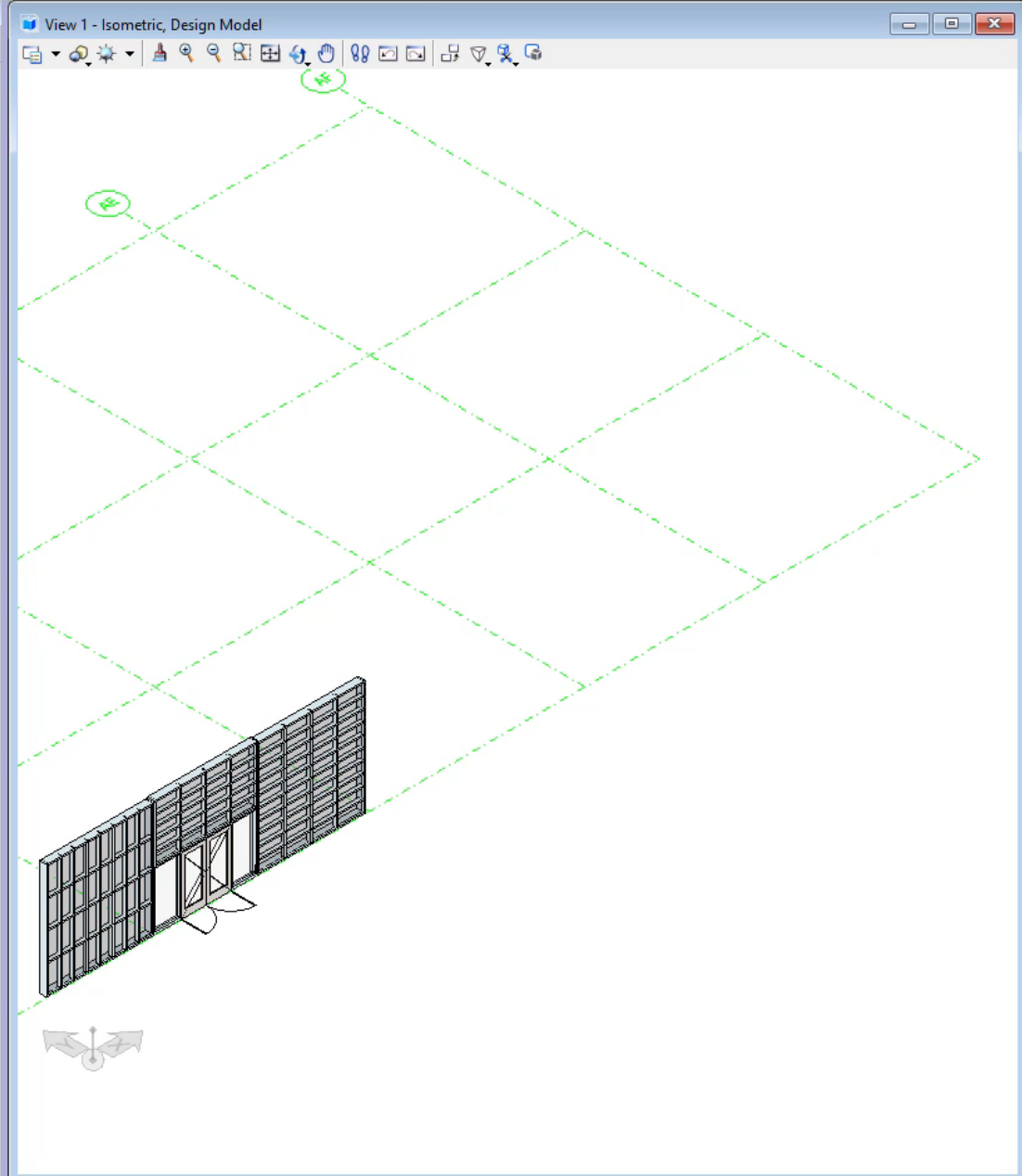
Plumbing Design

LPG Design

Fire Protection Design

Plumbing Analysis

Data



Place Steel Colu...

Catalog Selection

Column

Preview

Standard Section

Name: CHSC168.3X8

Section Orientation

Placement point: Center, center

Mirror

Local offsets: 0.00 0.00

Rotation angle: 0°

Interactive

Placement Options

Place by: Length at end 1

Length: 4500.00

Automatic Coping

Cope to member connected by AccuSnap

Flange clearance: 7620.00

Web clearance: 304.80

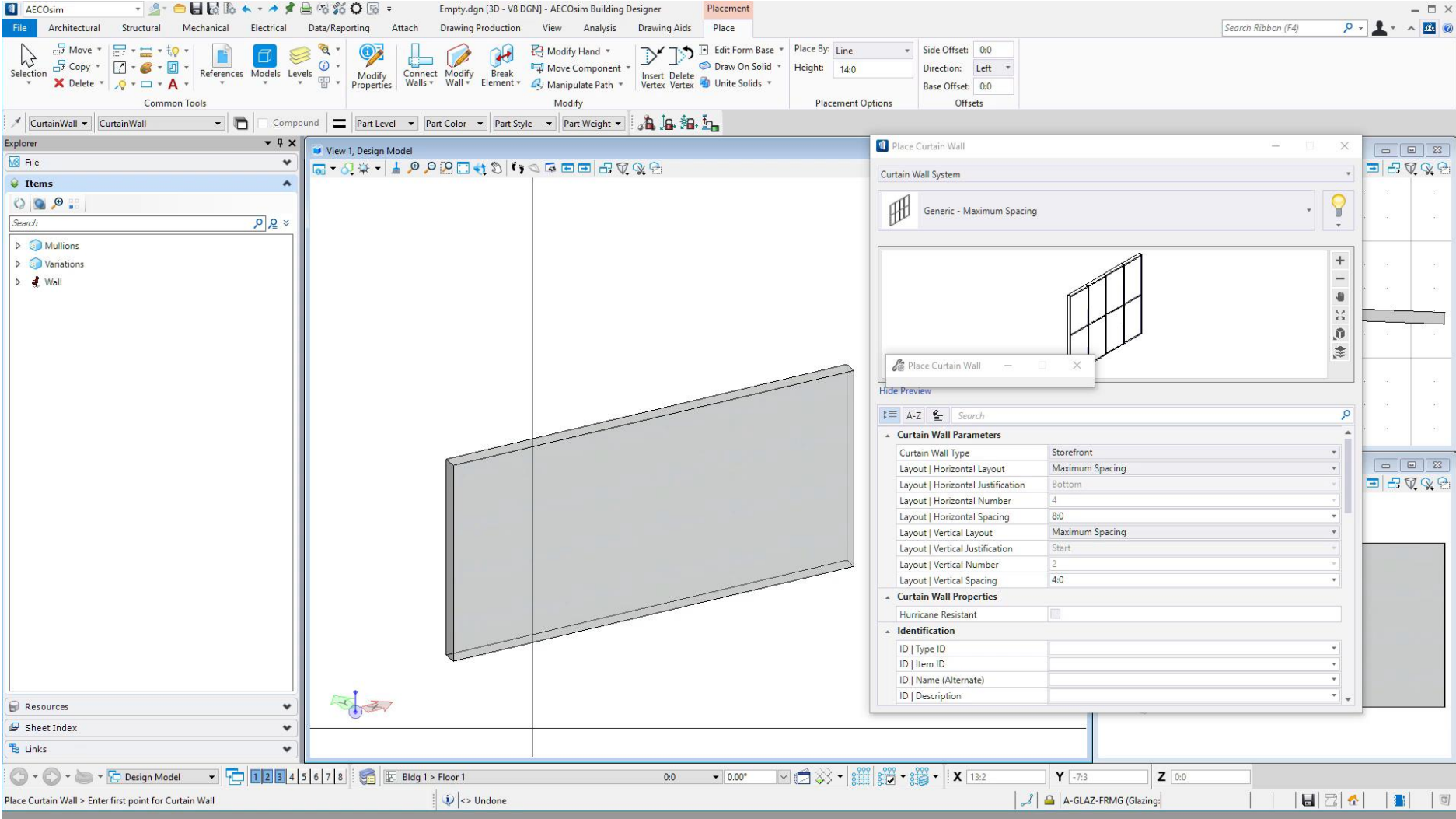
Inside corner: Radius: 304.80

Place Steel Column - Pr

CONNECT Advisor

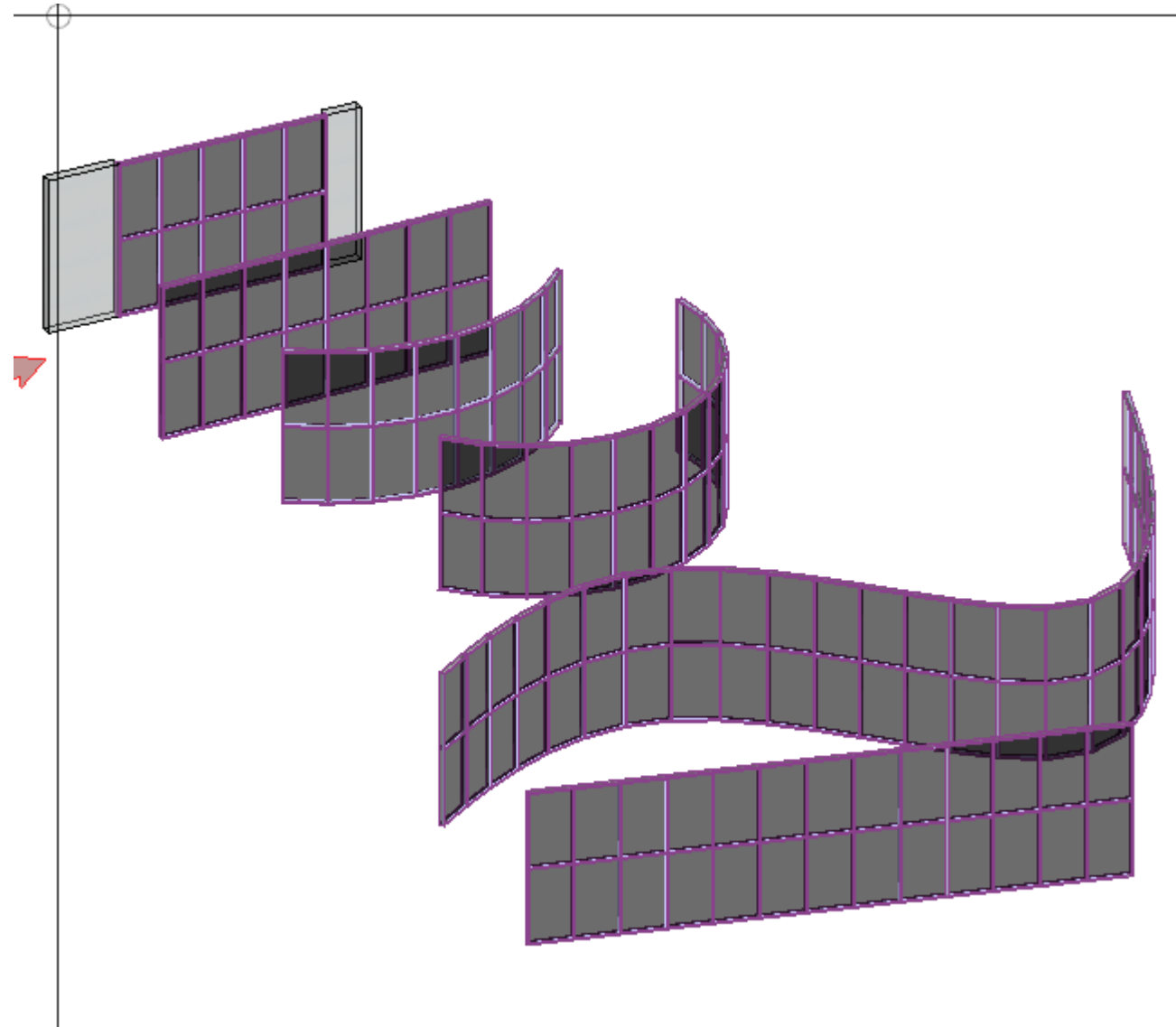
CONNECT Advisor

# New Tool.. New Placement Methods



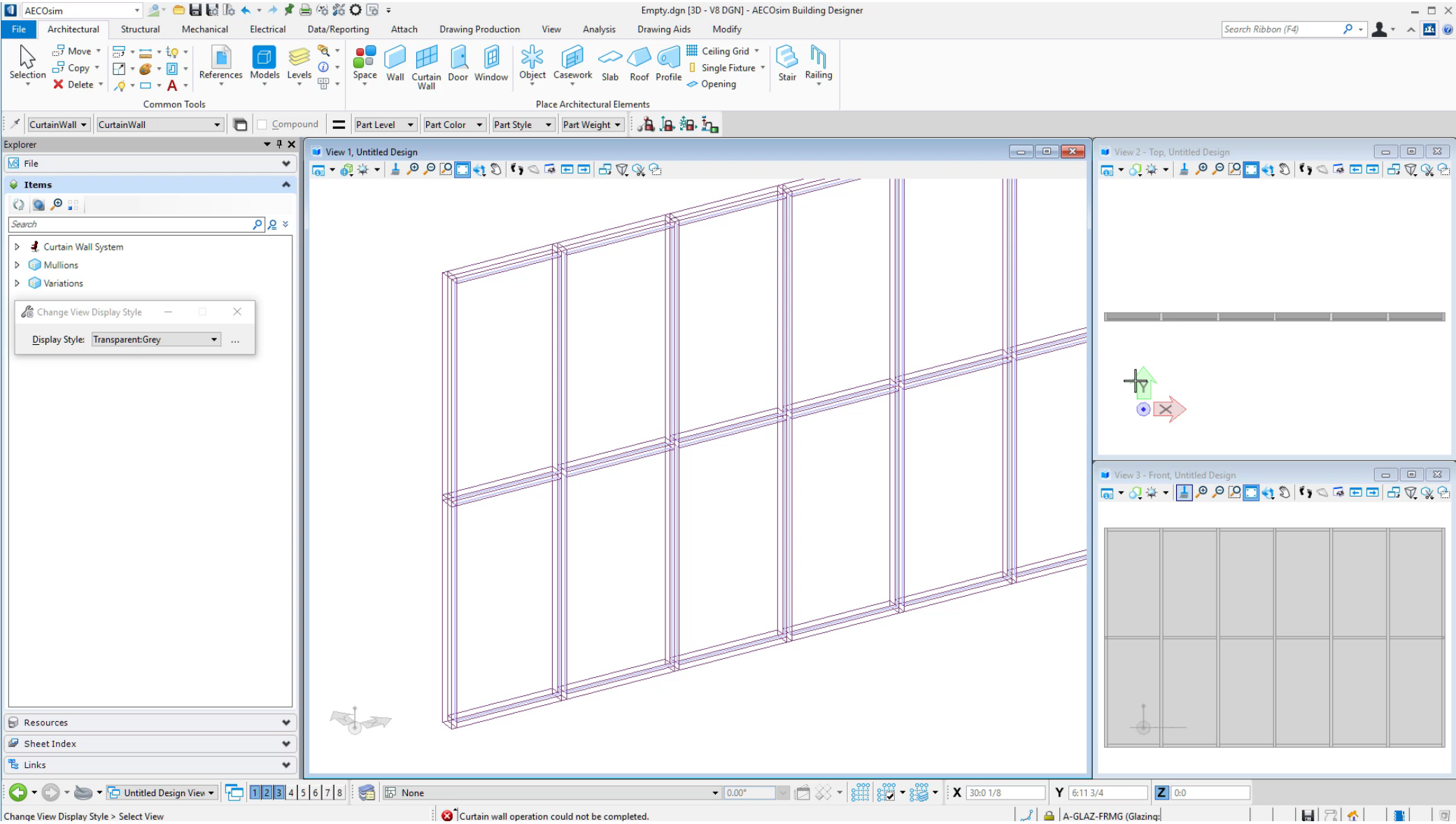
# Summary

- By Line
- Arc x2
- Curve
- From element





# New Tool.. New Editing Methods



# New Tool... New Design Options



# Buildings and Facilities Industry Divider Slide



# Communications Industry Divider Slide



# Discrete Manufacturing Industry Divider Slide



# Electric and Gas Utilities Industry Divider Slide



# Government Industry Divider Slide



# Mining Industry Divider Slide





# Oil and Gas Industry Divider Slide



# Power Generation Industry Divider Slide



# Process Manufacturing Industry Divider Slide



# Rail and Transit Industry Divider Slide



# Roads and Highways Industry Divider Slide

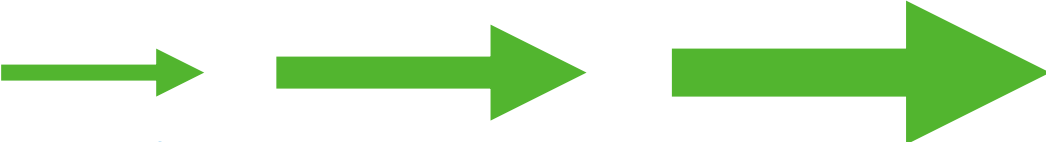


# Water and Wastewater Industry Divider Slide

# Standard Treatments and Styles

*Caption format and style.*

*Divider lines (Gray color and 0.5 pt thickness)*



*Arrows of varying thicknesses*



*Chart shapes and colors (flatter style, no embossing)*



*Gray sidebar / background Boxes*



*Overlay text boxes*

# Bentley PowerPoint Resources (hyperlinked)



## PowerPoint Support Graphics Library [SharePoint Link](#) | [ProjectWise Link](#)

*Inventory of graphics aligned with Corporate messaging, which should be proliferated in our presentations for consistency in how we communicate storylines. These graphics are also designed as PowerPoint objects to provide flexibility for color changes as needed.*



## Pre-made Slide Layouts [SharePoint Link](#) | [ProjectWise Link](#)

*Some pre-designed slide layouts for some of the more common use cases (be sure to check the presenter notes for more details on each slide)*



## CONNECT Edition Icons and Product Logos [ProjectWise Link \(only\)](#)

*A continuously-evolving PowerPoint deck of (YTD) completed CONNECT Edition application launch icons and official product logos.*



PowerPoint Best Practices:

*Keep it simple!*

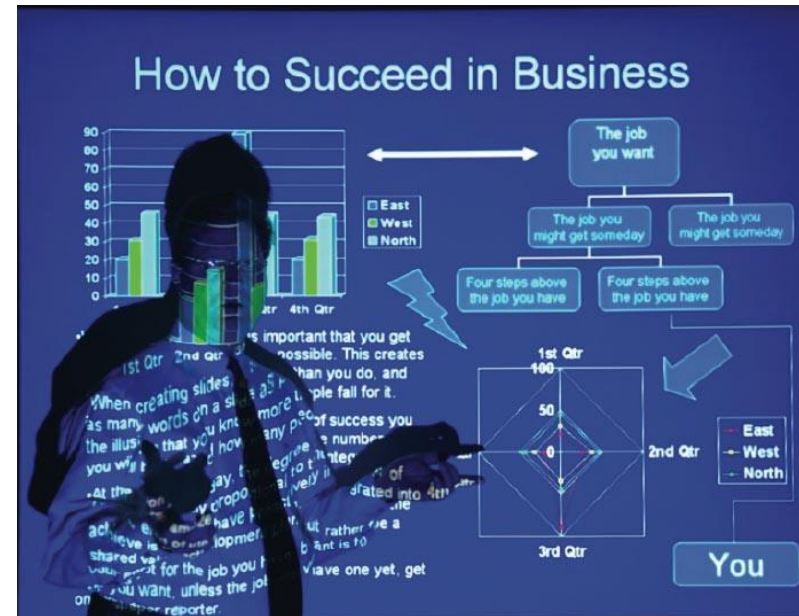


# People want to hear you, not read your slide

## How Apple does it (good)

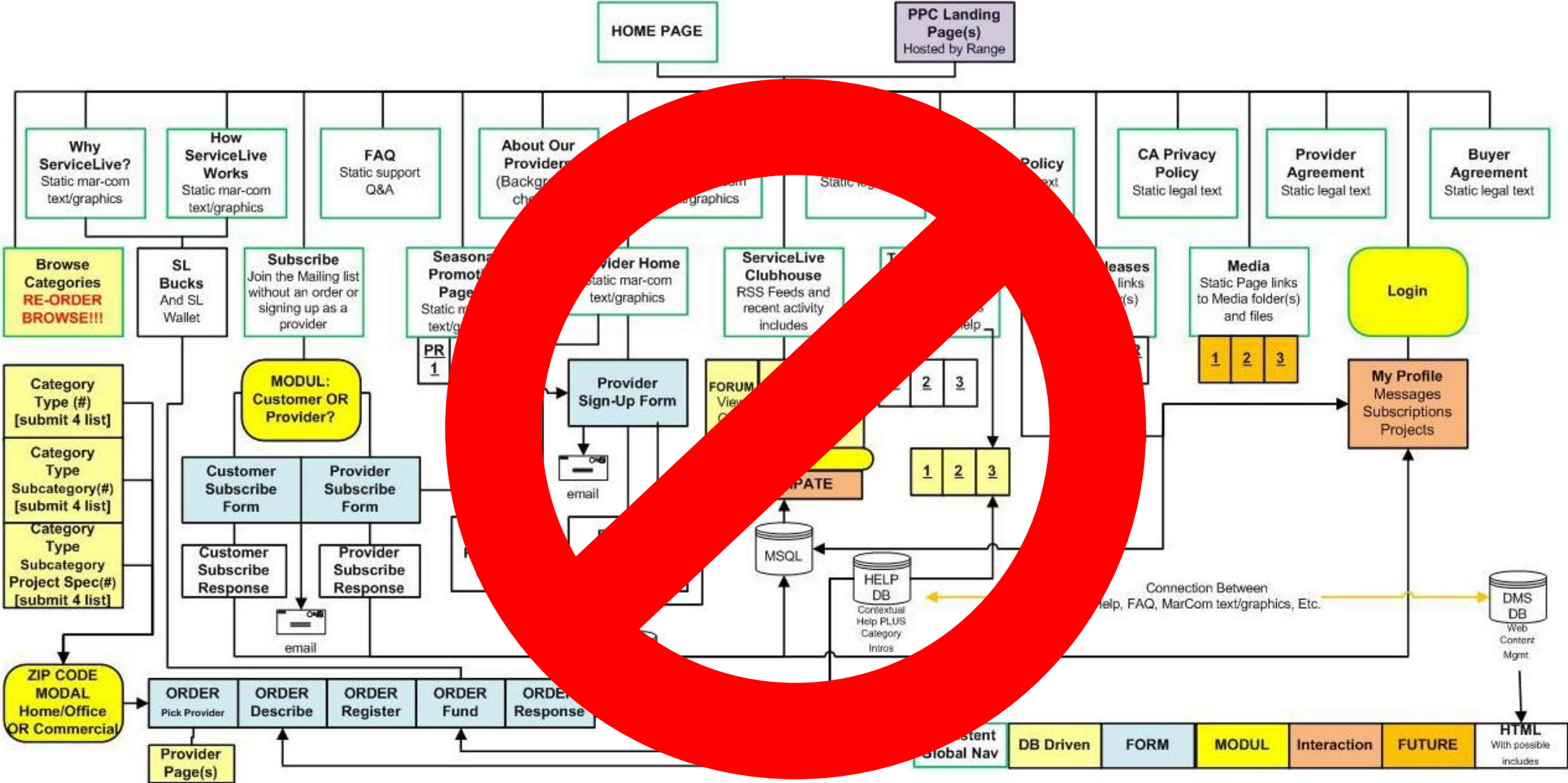


## How not to do it





# No complicated diagrams



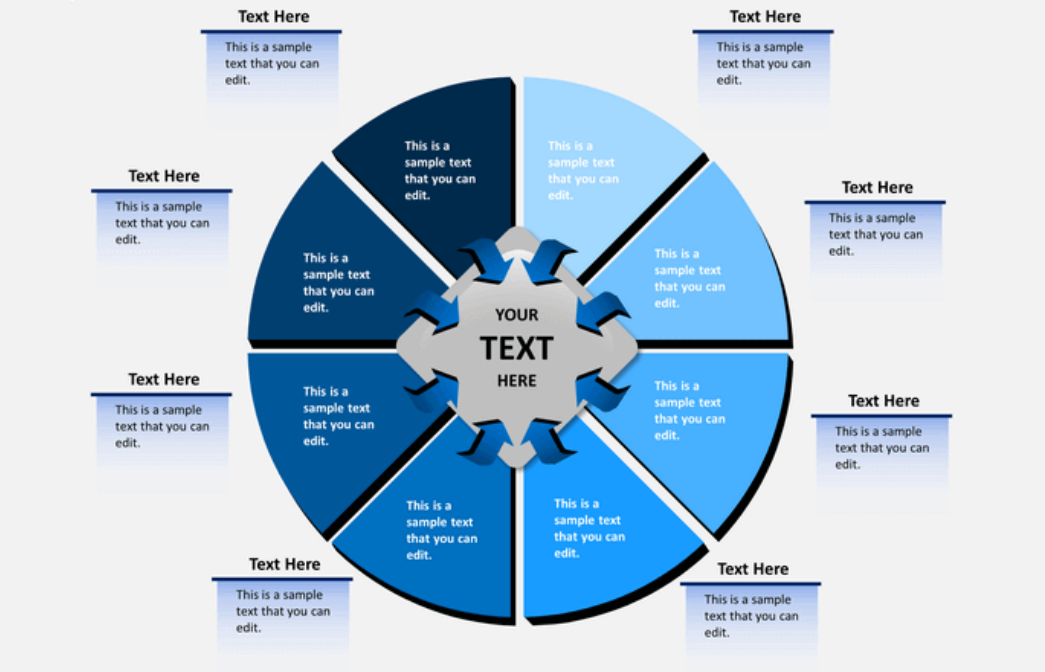
# Avoid too much redundancy (same style charts and back-to-back slide build-outs)



- Give the audience something different to look at from slide to slide
- Don't over-use the same visual concepts

# Limit transitions / animation (view as Slide Show)

## Good / Subtle



## Bad / Harsh

