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Revit Integration - Classic

Supports Revit 2014, 2015, 2016, 2017 with PWDI update 2.0+

- Revit integration Module
 - Revit supported content in **PWDI**
 - Revit Stand alone models .RVT
 - Revit Central Models .RVT .DAT
 - Families .RFA
 - Templates .RFE
 - Element borrowing
 - Worksets borrowing
 - Selection Set borrowing
 - Dynamic element borrowing (Not recommended in WAN)
 - Borrowing Request support

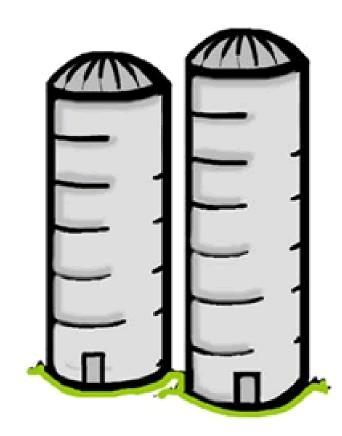
- Links supported for RVT, CAD and Raster
 - Revit Resolve Links tool for imported content
- Decal support
- Background Images stored in **PWDI**
- Publishing
 - Rendering
 - DWG
- i-Model Publishing



Problem: Revit users not integrated with ProjectWise

- Prefer to use LAN or specific WAN
 - For optimal Revit performance
- Creates Revit work silos

- Must manually sync files to collaborate with non-Revit users
- Syncs tend to happens too infrequently
 - Sometimes with unmanaged file exchanges





Impact: Increased project cost and risk



Reduced Collaboration **Speed and Quality**



Revit Designs Out of Sync with Project



Clashes, Rework, and Schedule Delays



Solution: ProjectWise Advanced Revit Integration



- Helps Revit users easily stay in sync with project
- Without changing how they work!
 - Stay inside Revit application
 - No changes to design workflows
 - No reduction in Revit application performance
- Removes obstacles/objections for collaboration





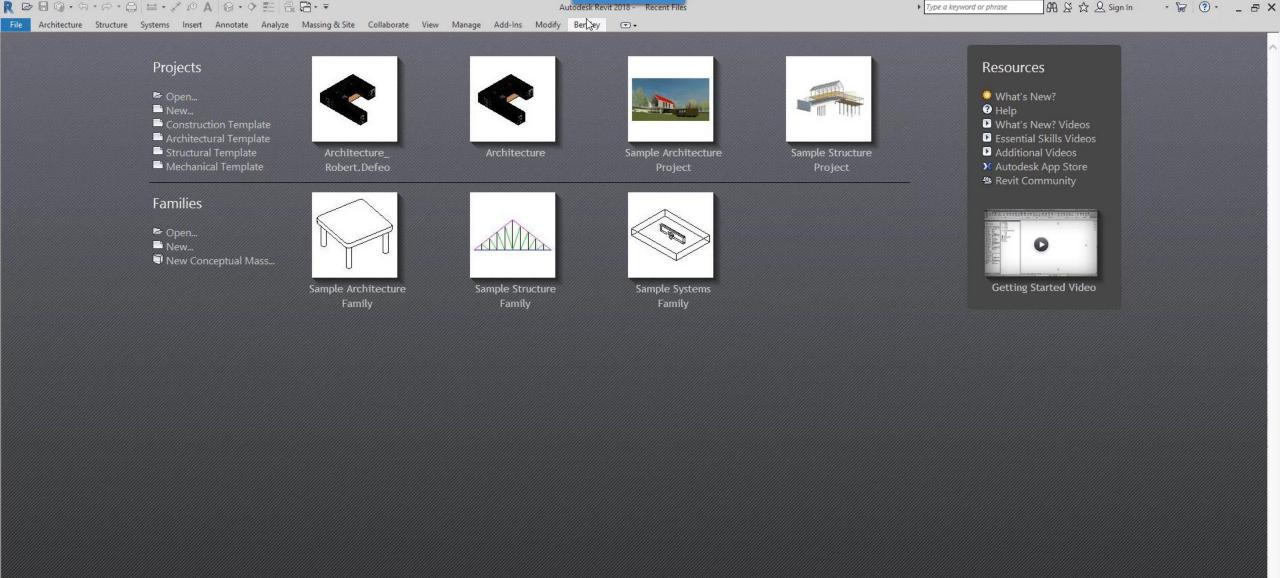
How it works

- One-time project configuration by administrator
 - Work Area and folder locations
 - File name mapping and version control rules
 - Non-Revit design references
- Revit users use simple menu options
 - Publish content to ProjectWise
 - Sync design references from ProjectWise
- Publish and sync as often as needed





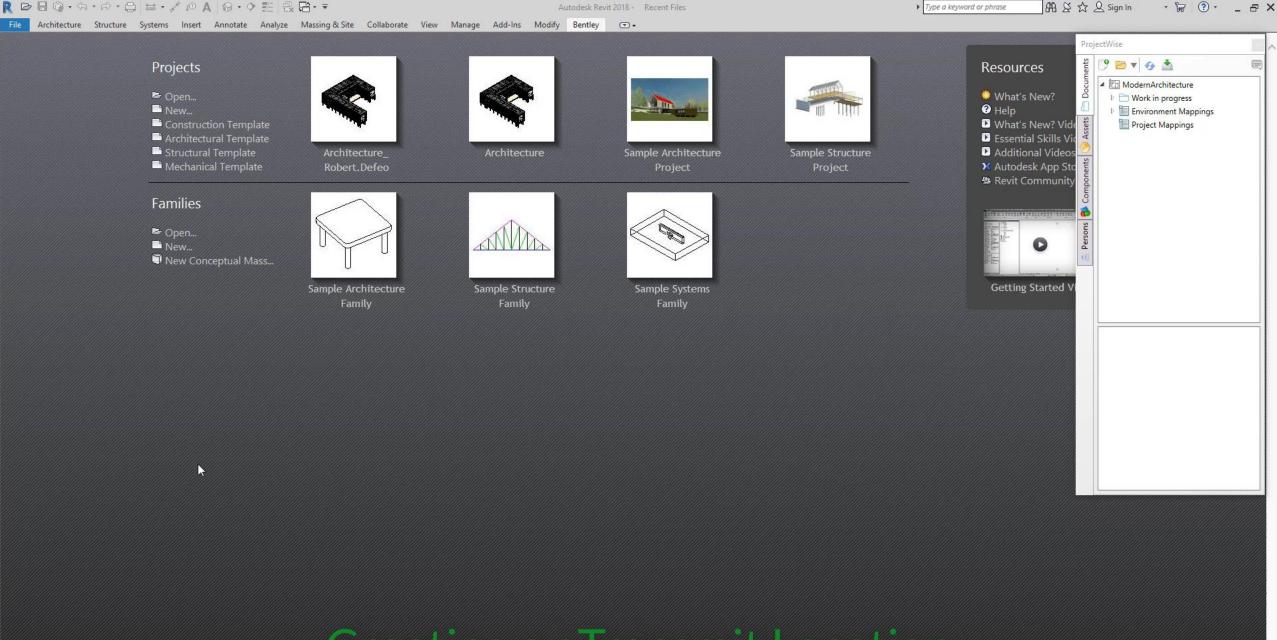
- Launch ARI
- Create new project
- Assign working file
- Open working file
- Open existing project



Launching Advanced Revit Integration



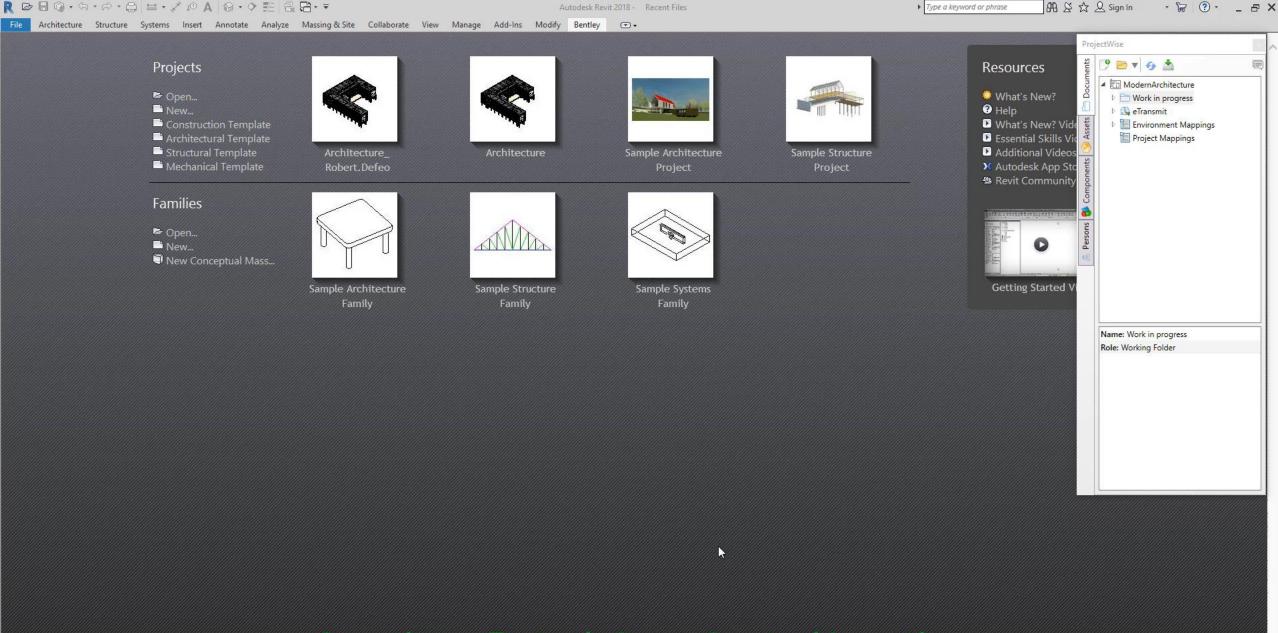
 Publishing a Revit file to ProjectWise via eTransmit



AUTODESK' REVIT' Creating a eTransmit Location



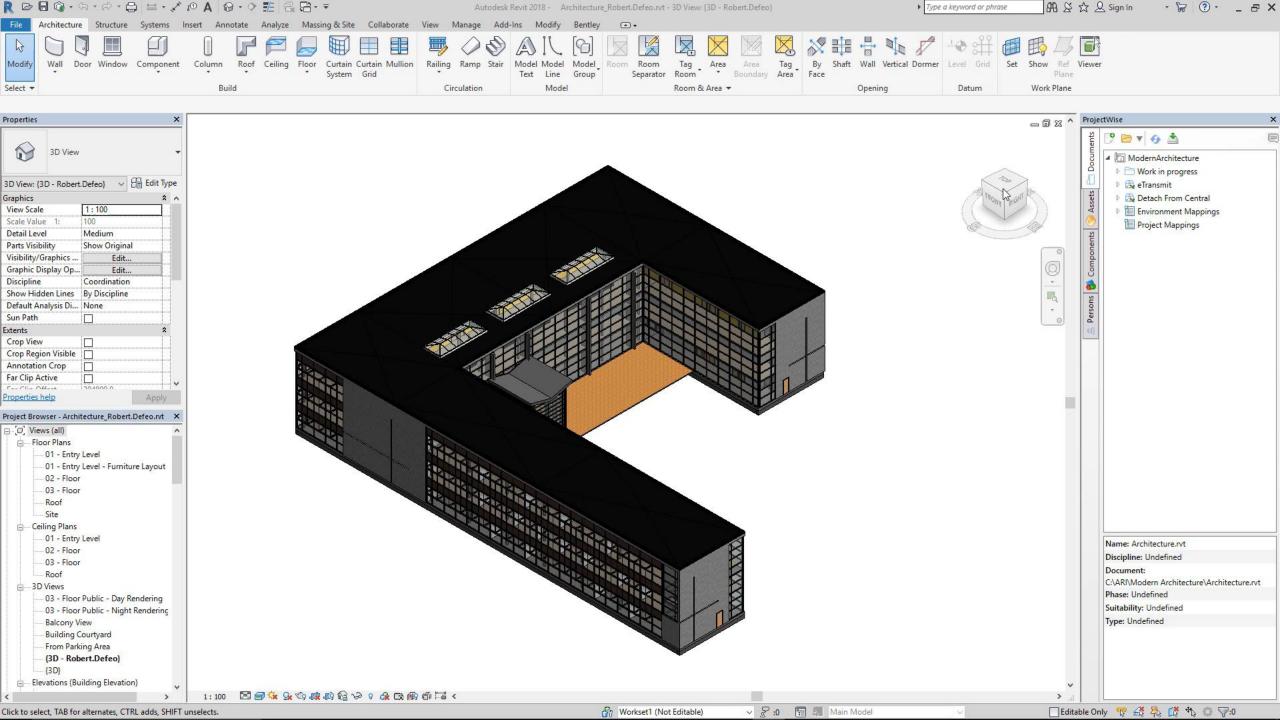
 Publishing a Revit file to ProjectWise via Detach from Central



AUTODESK' **REVIT**' Creating a Detach from Central Location

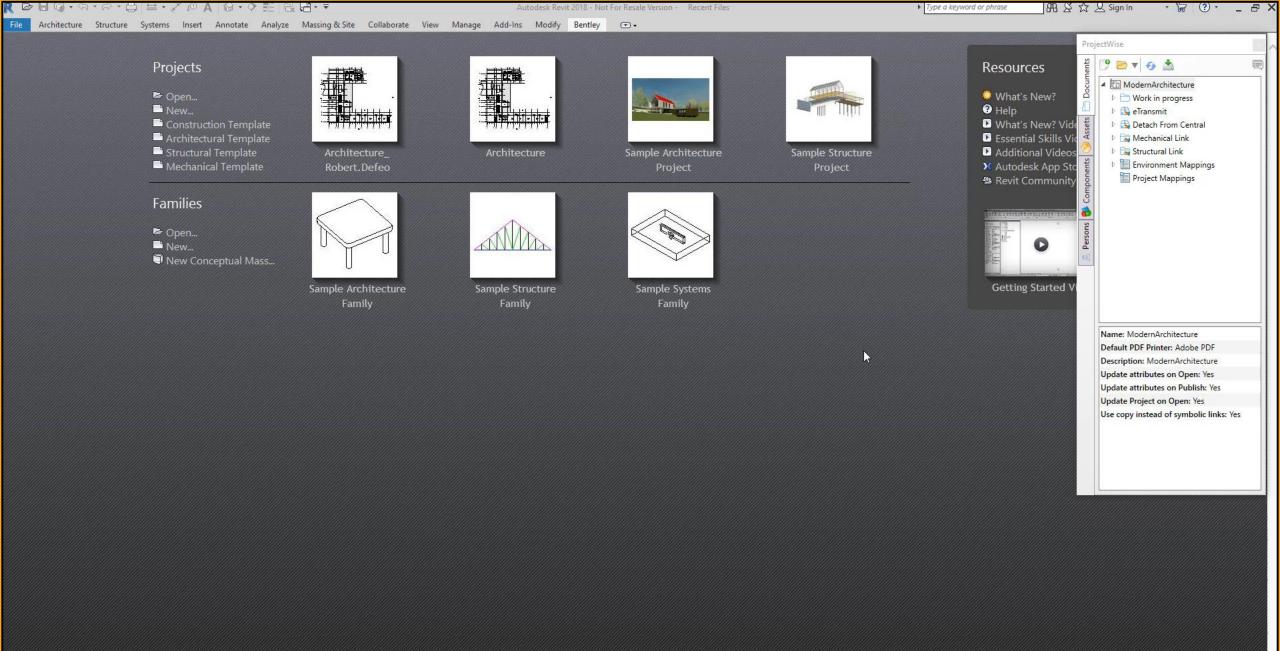


 Linking to a Revit file in ProjectWise and published to ProjectWise



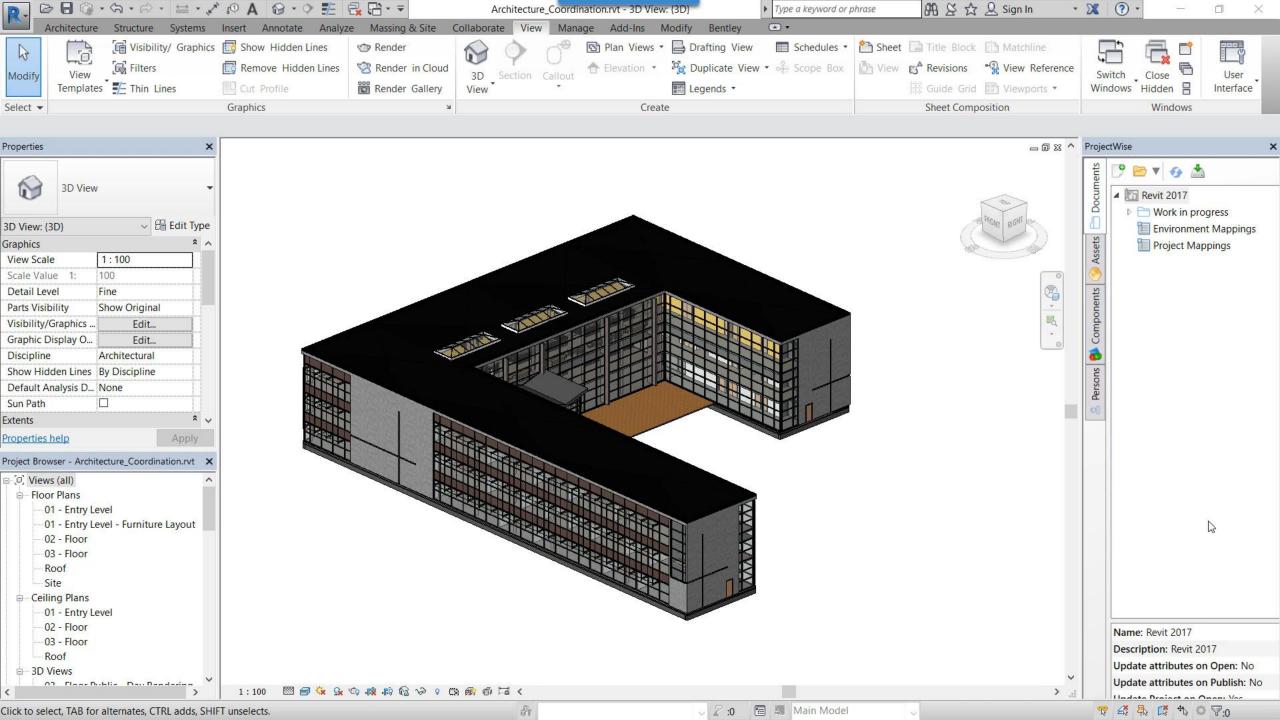


 Linking to a CAD file in ProjectWise



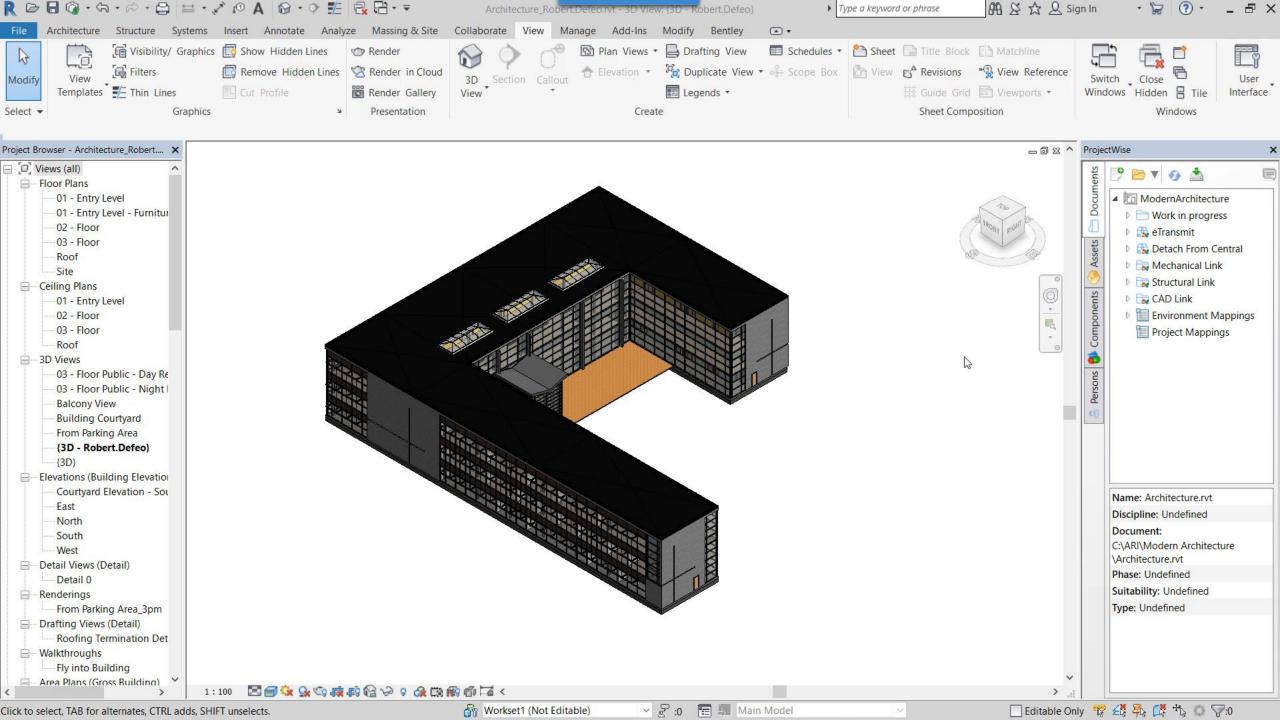


 Publishing an i-model to ProjectWise



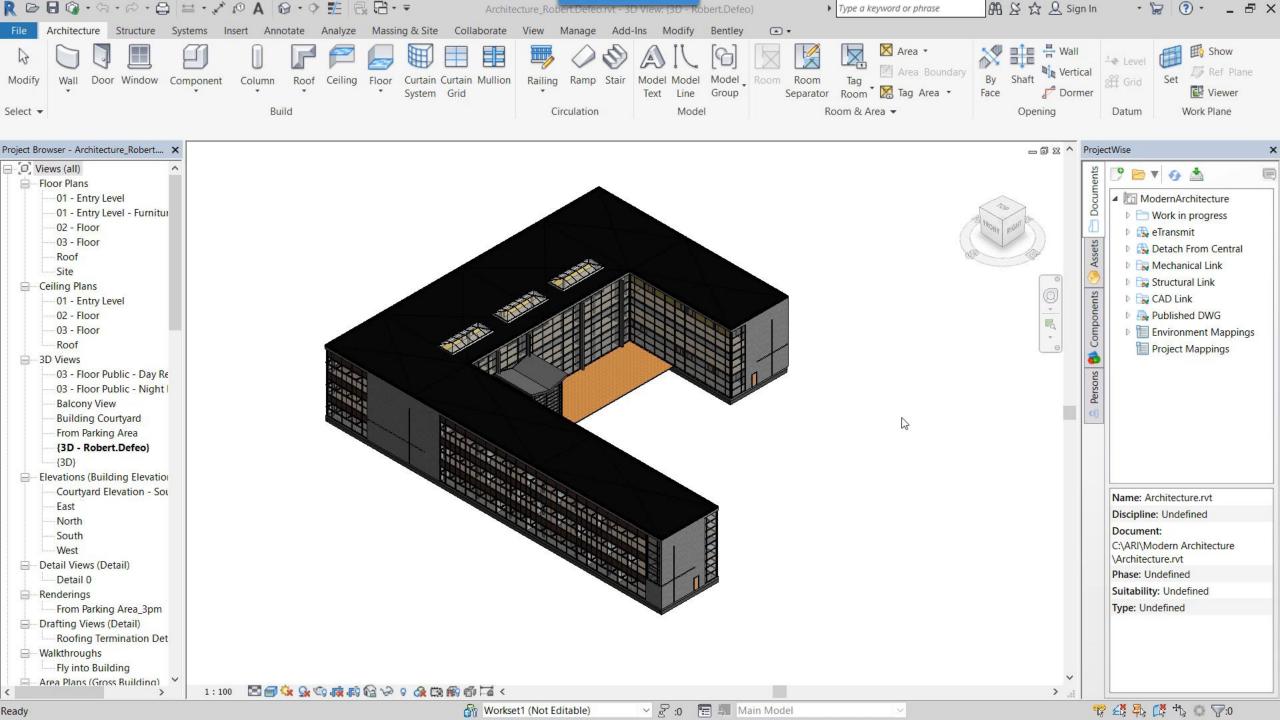


 Publishing DWG files to ProjectWise



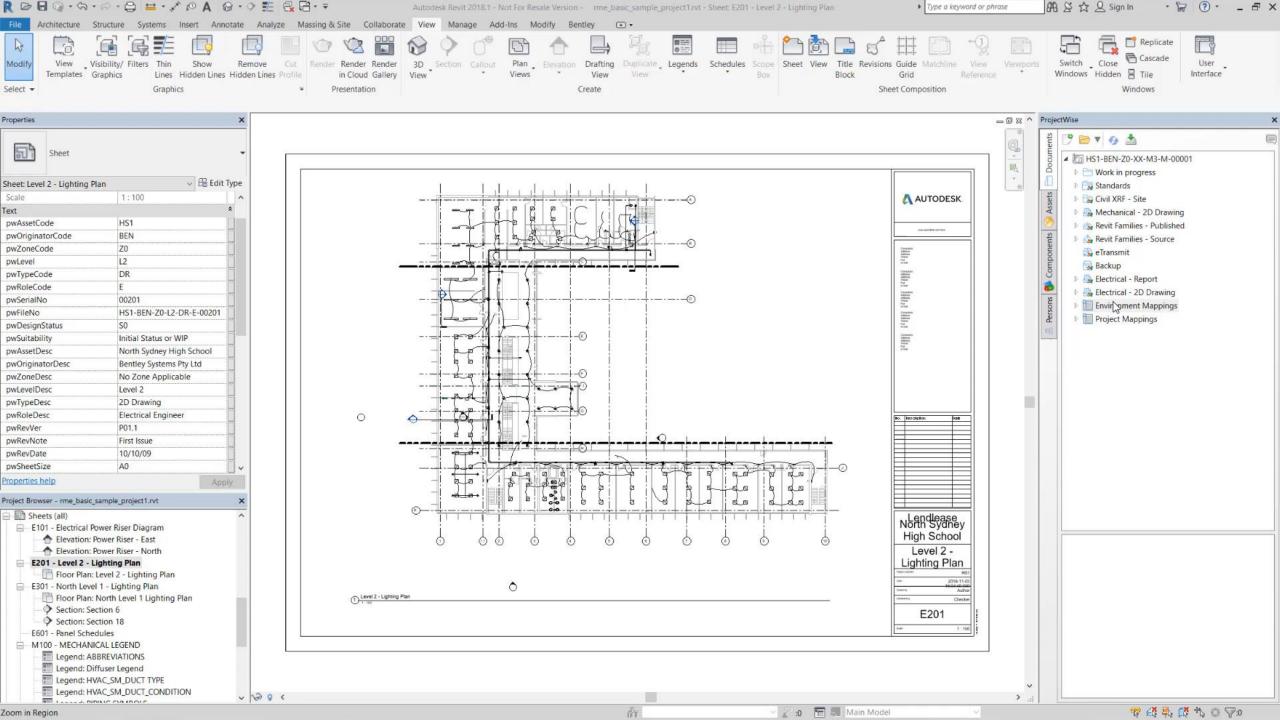


 Publishing PDF files to ProjectWise



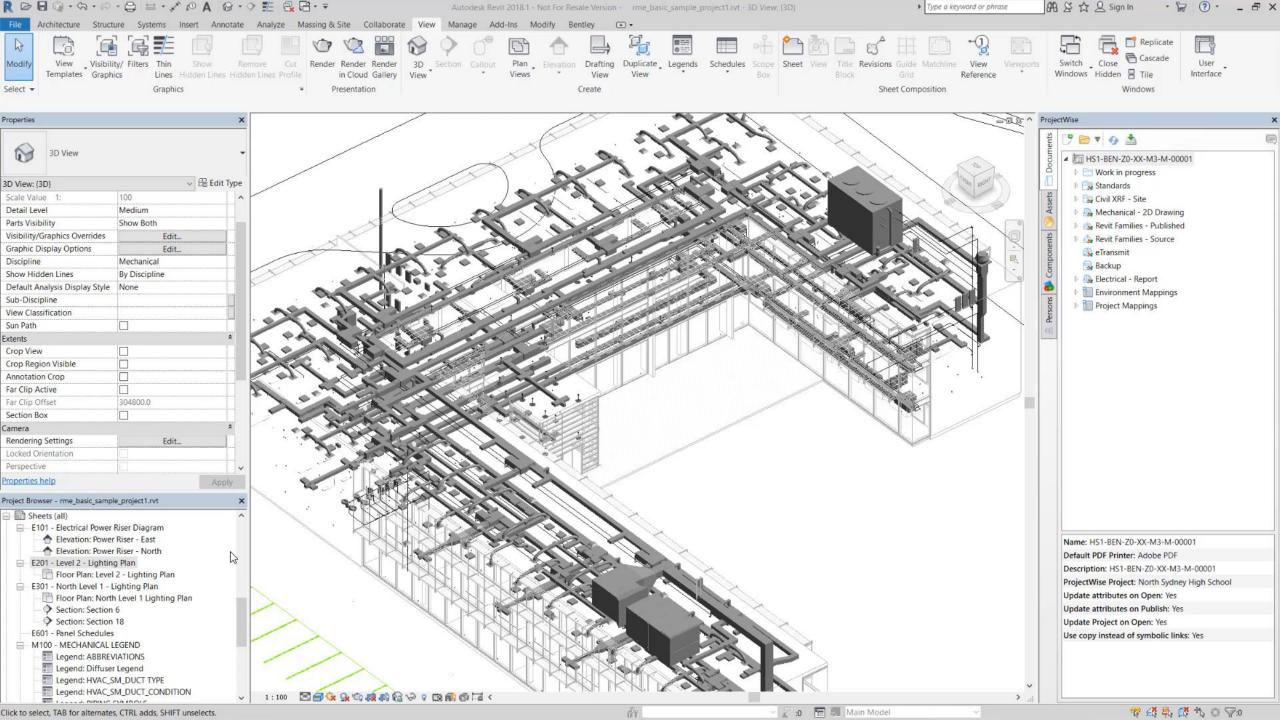


Creating Environment
Mapping



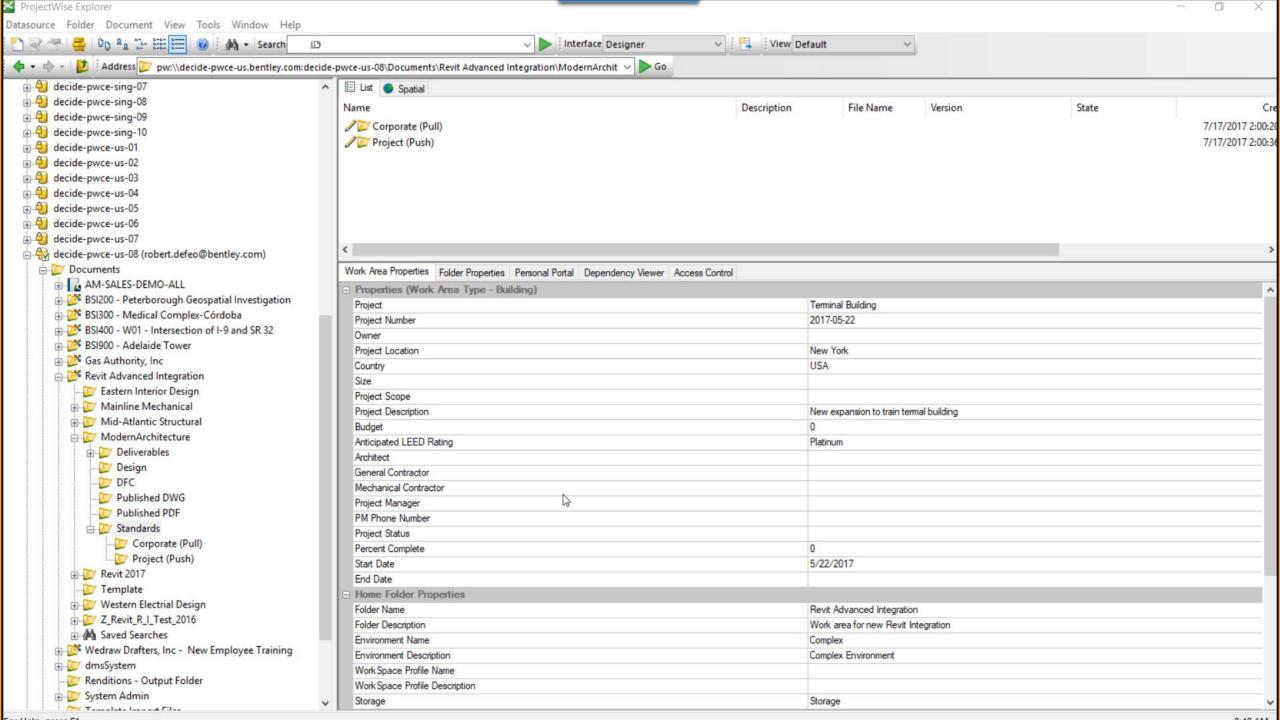


 Publishing PDF files to ProjectWise with mapped naming



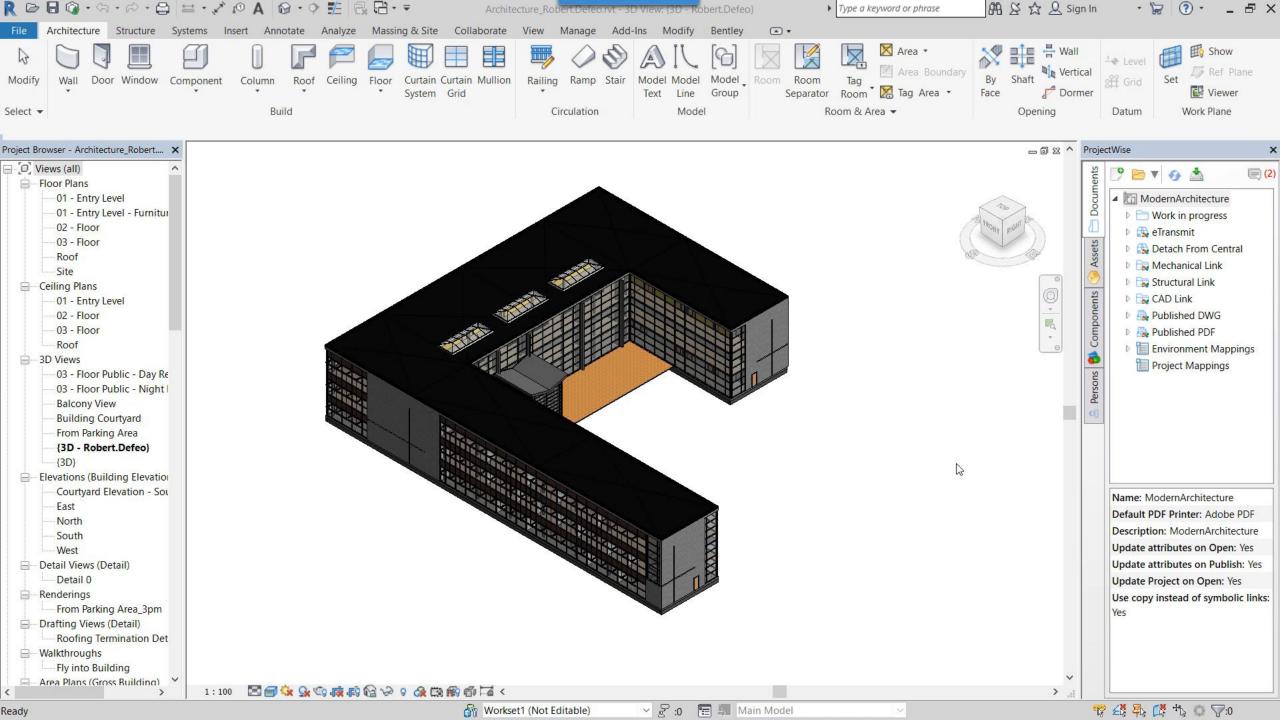


 Publishing Revit Families (Project Standards) to ProjectWise





 Pulling Revit Families (Corporate Standards) from ProjectWise



Benefits: ProjectWise Advanced Revit Integration



- Revit users
 - Use preferred LAN/WAN to optimizes Revit performance
 - Stay inside Revit
 - Do not have to copy files manually
- Administrators and BIM managers
 - Enforce project CAD standards more efficiently
 - Manage Revit content more effectively
 - Connect the entire project with ProjectWise Connection Services

Projects

- Less rework
- Fewer construction delays
- Improved margins

