

# Gathering25

Realising vision, advancing automation

**CITA25**  
*Driving Digital Construction  
for 25 years*



## BIM Standards in Practice

Celine O'Connor, BIM Manager - Henry J Lyons

# BIM Standards in Practice | Henry J Lyons

- Architecture, interiors and master planning
- Over 250 staff
- Dublin and Cork studios
- ISO 19650 accredited
- All projects delivered using BIM



# BIM Standards in Practice | Agenda



Why



How



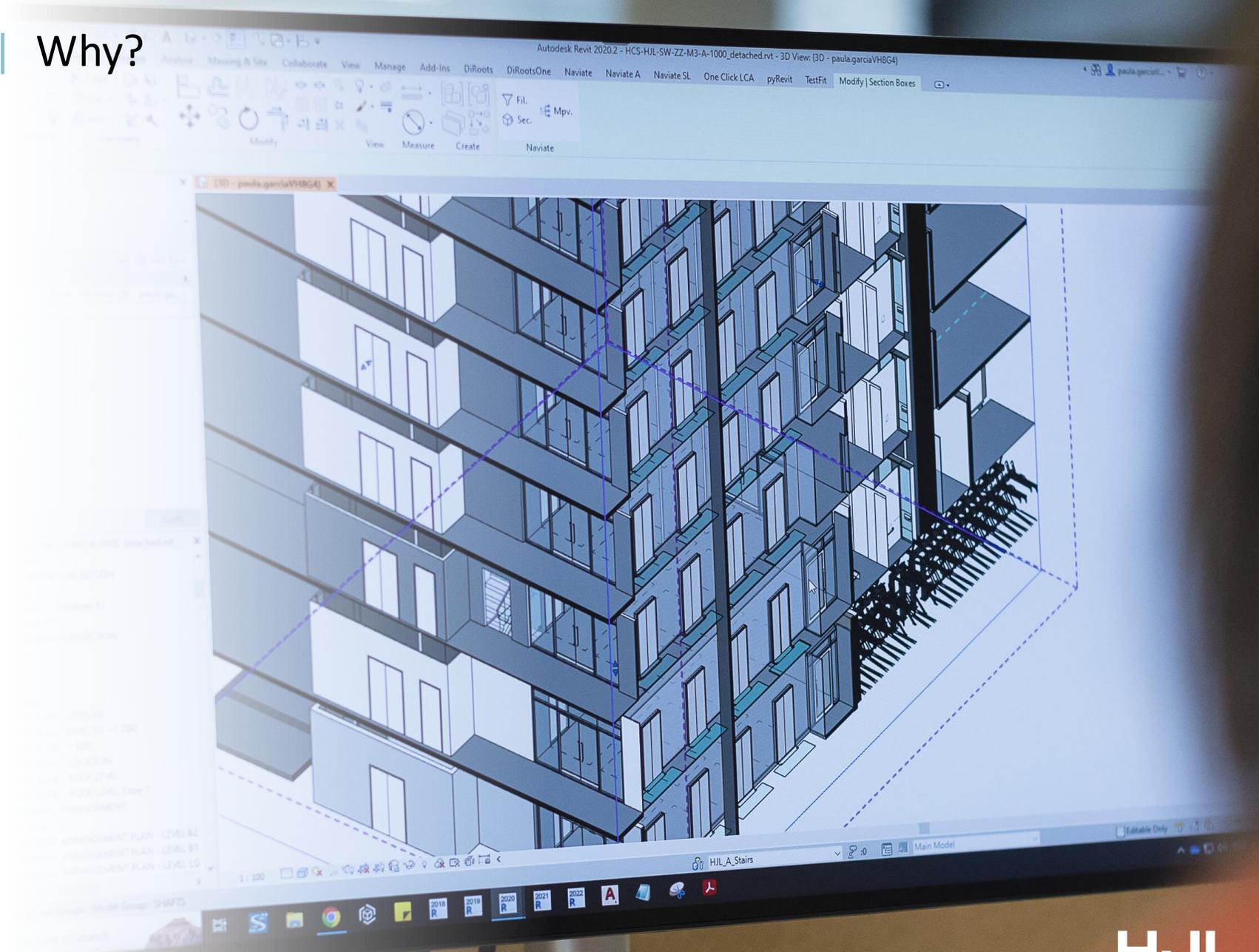
What



What's Next

# BIM Standards in Practice | Why?

- Efficient project delivery
- Cross team collaboration
- Standardised information output



## BIM Standards in Practice | How?

- The HJL BIM Team
- BIM Website





### BIM News

DiRoots / ProSheets For All!

29.10.2025



Introduction to BIM @ HJL

Learn more

Welcome to the BIM team...

03.10.2025

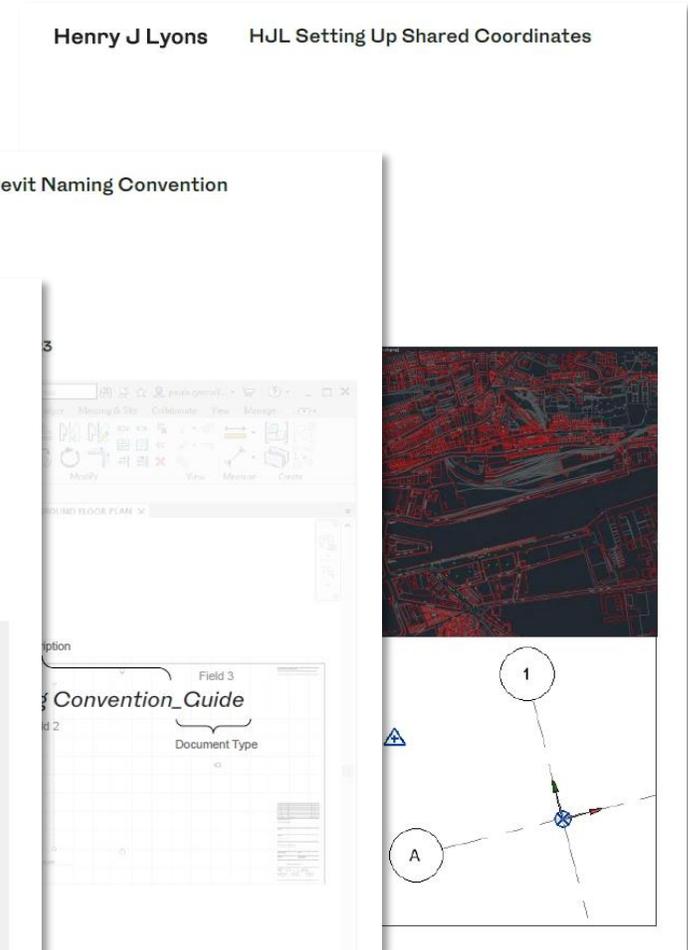
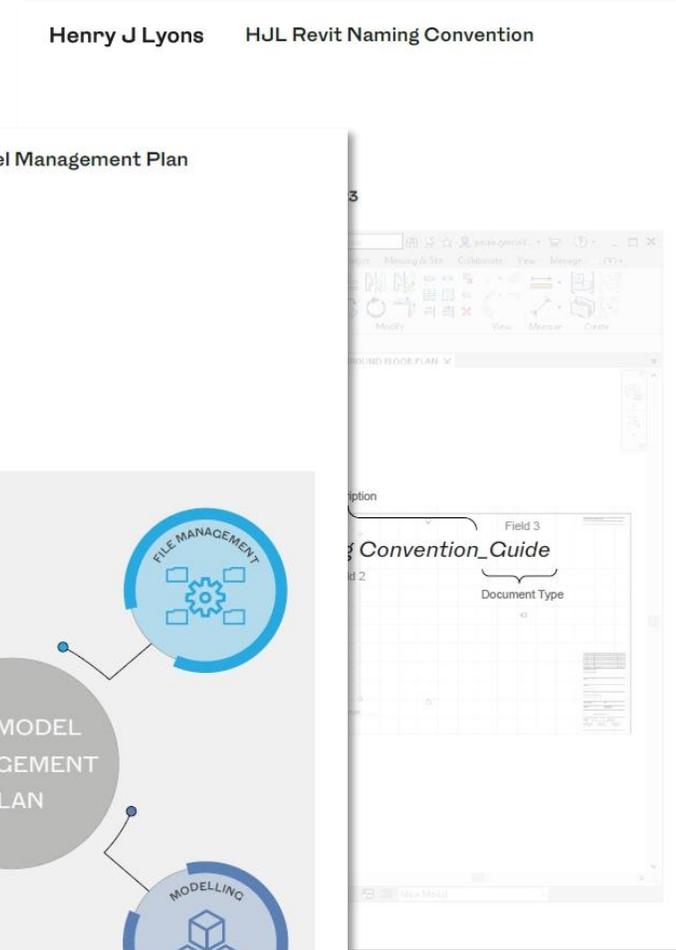
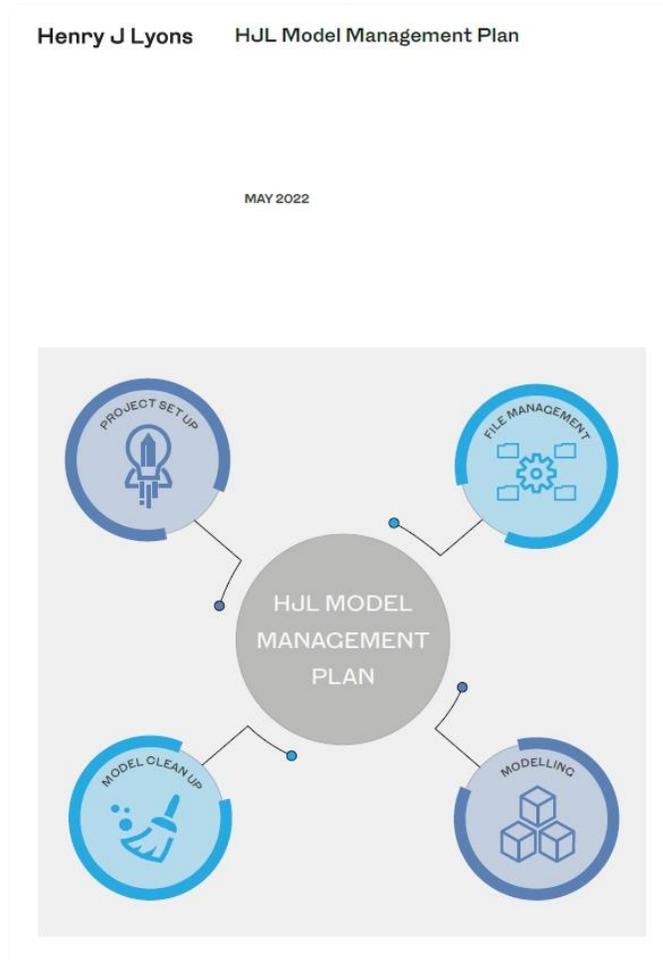


Modelling in Revit

Learn more

# BIM Standards in Practice | What?

- Component Library
- Showroom Files
- Model Project Template
- Procedure Documents
- Explanatory Videos
- Templates



Properties

Drafting View  
\*0\_USER GUIDELINES

Drafting View: HOW TO USE THE... Edit Type

Graphics

View Scale: 1:1  
Scale Value: 1  
Detail Level: Fine  
Visibility/Graphics: Edit...  
Discipline: Architectural  
Visual Style: Hidden Line

Identity Data

View Template: <None>  
View Name: HOW TO USE THE SH...  
Dependency: Independent  
Title on Sheet:  
Referencing Sheet:  
Referencing Detail:

Visibility

23\_ViewCategory\_HJL: \*0\_USER GUIDELINES  
23\_ViewSubcategory...: \*REVIT SHOWROOM ...

### WINDOWS - Showroom file

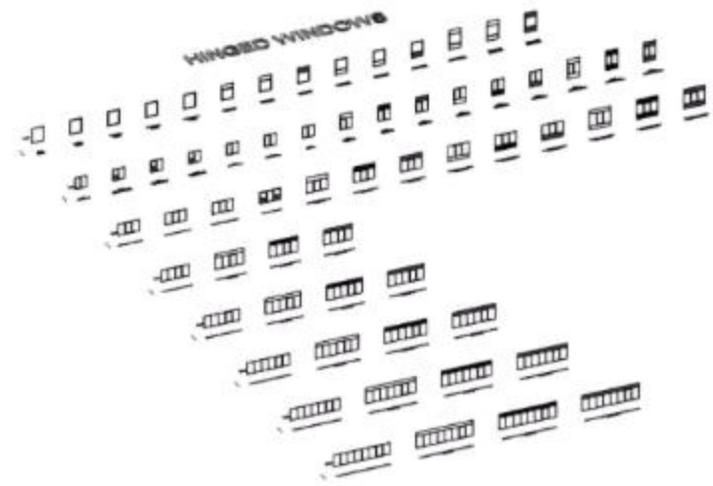
WHAT YOU WILL FIND HERE:

This Revit Showroom file contains a large set of different window families. They have been organized into five groups:

- Hinged Windows: Range of hinged window families comprising different frame and panels configurations.
- Sliding Windows: Range of sliding window families comprising different frame and panels configurations.
- Rooflights: Different rooflight window configurations.
- Corner Windows: Different corner window configurations.
- Window Family Components: Range of different window component families that have been used to create the different window types mentioned previously.

This set has been created with the intention of providing sufficient components to build your own specific windows. Each have their own types, frames, panels and components.

Several mock-ups have been developed to demonstrate how to include handles, sill, trim and reveal in window families when required for rendering purposes.



HINGED WINDOWS

SHOWROOM FILE ORGANISATION

The families have been organised as per below views under hosted under Floor Plans, SHEET VIEWS:

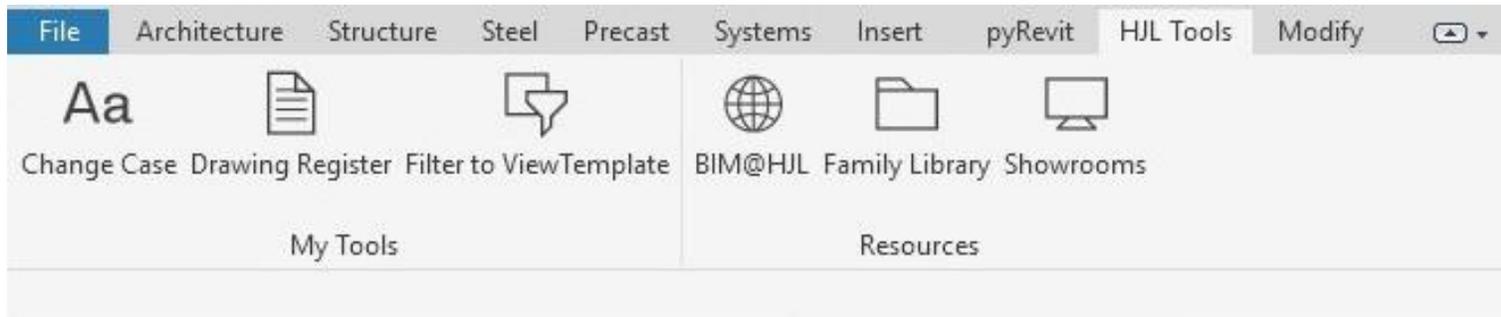
- HJL\_WINDOW FRAME PROFILES: Range of window frame profiles
- MOCKUPS: Range of window assembly mockups demonstrating handles, sill, trim and reveal in window families
- WINDOW FAMILY COMPONENTS: Different window panels, frames and accessories.
- WINDOW TYPES: Different window configurations.

Detailed videos explaining this showroom file families can be found at the following location on the HJL T: Drive:  
T:\BIM400 Software\400 Revit\400.00 Support Documents\400.00.200 HJL Windows

Refer to training videos on BIM@HJL for more information on all of the above.

## BIM Standards in Practice | What's Next?

- Improve Workflows
- New Technologies
- AI Integration and Adoption
  - BIM Standards Agent
  - AI enabled content creation
  - Scripting custom Revit tools



## BIM Standards in Practice | Summary

- Standards create efficiencies
- People like standards
- Standards remove guess work and rework
- Digital standards enable better design and construction



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 Thank you