



Revit Technology Conference 2007

“Documentation in Revit”

Clay Hickling
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SESSION: Documentation in Revit

Introduction

- Who am I? clay.hickling@ghd.com.au
- What do I do?
- What do you do?

- What you may expect
 - Leverage and efficiencies
 - Tips and tricks, traps, best practice, workarounds
 - basic to advanced (my version of advanced)
- What I may expect
 - Learning and sharing

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RTC 2006

Recap: RUGS Conference 2006 - Documentation

- Basic Documentation - Glen Cunnington – Monumentum
 - **1. Documentation Management**
 - Prepare your plan of attack!
 - **2. Review**
 - Audit the design model
 - **3. Standards**
 - Establish your practice standards
 - **4. Views**
 - Prepare the views you intend to document
 - **5. Sheets**
 - Setting up drawings
 - **6. Annotation**
 - Annotating your views
 - **7. Detailing**
 - Adding detail to your views
 - **8. Production**
 - Printing, exporting and revising
- Advanced Documentation, Gary Kleyn & Daniel Smith, Glanville Architects
 - Download the PDF of the talk from the RUGS website - www.rugsyd.com.au

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SESSION: Documentation in Revit

Overview

- Controlling your drawings
- Hybrid Revit
- other drawing views
- 2d vs 3D documentation
- Annotation
- Look and feel
- Standardisation
- Production
- Summary

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Control

Hybrid Revit

Other drawing views

2d vs 3D

Annotation

Look and feel

Standards

Production

Summary

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Control

- First you must control your model
- Revit 2D views are live representations of 3D models - sometimes too alive!

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Control

(Cont)

- Controlling Views
 - Dependent Views
 - Working views
 - Callouts/Sections to other
 - View properties
 - View Templates
 - Drawing references
- Controlling the Browser
 - View types
 - Browser organisation
- Controlling the Sheets
 - Schedules
 - Working thru the sheet

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Control

(Cont)

- Controlling the designer
 - Note to self {delete from presentation} 😊

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Hybrid Revit

- If required use Autocad or....
- Hand drawing sketches

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Other drawing views

- Multitude of 3D views
 - Who said we cannot use them in documents?
- Orient views
 - Cutaway 3D sections
- Schedules
 - Bring them out of the specification and onto drawings
- Room and Area fills
- Shadows and shading

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2d vs 3D

- Detail groups
 - Repeating details
 - 2 pick families
- Underlay model for trace
- Drafting views
- Legend views

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Annotation

- Tags
- Text
 - Leaders
- Dimensions
 - Rounding
 - Text Limitations
- Note Block
 - Keynoting (one day)
- Detail Components
- Symbols
- Spot Levels

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Look and Feel

- Linetypes / weights
- Line patterns
- Linework tool
- View visibility
 - Over-ride in view
 - Halftones
 - Underlays
- Filled Regions
- Object Styles

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Standards

- Naming Conventions
 - Views
 - families
- Object Styles
 - Subcategories – the closest thing to layers – urrgh!!
- Details
 - Save as views
 - Utilities to save model items and views
- Templates
 - Allows control of your office standards

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Production

- Plotting
 - PDFing
 - DWGing
 - HTML
- Export
- Revisioning
- Snapshot of file
 - Worksharing – detach first

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Summary

- Think outside the square
- No documentation limitations
- Good documentation process and standards still apply

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Questions

- Be easy on me.....*Wes, where are you? Help...*

Control

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- Lets eat and drink!!! 😊

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