Revit Shortcuts:
The Ones You Wish You Knew

Jeff Nokkeo
BIM/VDC Manager
Learning Objectives

• LEVERAGE REVIT’S OUT OF THE BOX (OOTB) KEYBOARD SHORTCUTS

• DISCOVER REVIT KEYBOARD SHORTCUTS YOU WISHED YOU KNEW

• LEARN HOW TO CREATE CUSTOM KEYBOARD SHORTCUTS

• CREATE THE OOTB AND CUSTOM KEYBOARD SHORTCUT CHEAT SHEET

• LEARN HOW TO ENHANCE REVIT PRODUCTIVITY AND EFFICIENCY
Overview / Agenda

• Introduction (10)
• Discover OOTB Shortcuts (10)
• OOTB Keyboard Shortcuts (20)
• Custom Keyboard Shortcuts (20)
• Create Cheat Sheet (10)
• Tricks and Tips (10)
• Q+A Wrap-Up (10)
About the speaker

Jeff Nokkeo – MBA, IDEC

Jeff has over 20 years of Architectural design experience. Jeff began his BIM experience in 2000 when he worked on multiple Wineries on the Central Coast of CA. Over the years, he has completed projects in BIM ranging from Retail roll out stores, single family and multi-family residential projects as well as Ski Resorts throughout California and across the U.S.

In addition to his accomplishments in the AEC profession, Jeff has also been involved in higher education from both the faculty and administrative levels. His extensive years in academia allows for him to explore and conduct new research related to the development of BIM integration and best practices. He enjoys making his classroom instruction fun and engaging.
Lab Assistants

Alex Jauregui
Richard Chapman
Alan Albery
DEMO SURVEY:

AEC
ACADEMICS
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Hypothesis

In a similar way, the tools we use in a shop are most efficient when they are at our fingertips or on our tool belts, and not on the shelf.
Discovery

To test this theory, let’s **discover** what shortcuts you may know.

Please draw a simple plan layout to **discover** which out of the box (OOTB) shortcuts you may be familiar with.
Discovery

CLASSROOM PLAN:
Create a simple **4 WALLs** @ +/- 30 feet **Square**

**Add:**
Door, Windows, Columns, Grids, Tables, Chairs, Dimensions, Room + Tag
OOTB KEYBOARD SHORTCUTS

CUSTOM KEYBOARD SHORTCUTS

NO KEYBOARD SHORTCUTS
Efficiency/proficiency comes with practice, and like any sport, you need to train your muscles in order for memory to take hold. That’s our challenge today: re-train our brains/hands/muscles so that memory can take over when performing repetitive tasks; be it in Revit, or any program for that matter.

Example: what’s the shortcut (muscle/brain memory) for *Print*? This is true for just about every windows program out there, so even if it’s you’re first time opening a program, do you move your mouse up to file > print? Or do you instinctively hit: *Control P*?
CLASSROOM PLAN:
(WA) (GR)
(DR) (DI)
(WN) (CM)
(CL) (RM)
(WT) Windows Tile
(adjust)
(TW) Windows Tile
5S theory (in part) states greater efficiency when everything has its place.

There is no need to travel to the tool shelf if it’s obviously not there, hence: shadow boxes.
Theory: Lean 5S

5S theory (in part) states greater efficiency when everything has its place.

There is no need to travel to the tool shelf if it’s obviously not there, hence: shadow boxes.
Theory: Lean 5S

Tools at your fingertips vs walking back and forth to the tool board
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STEP 02

Learn the OOTB KS through practice, practice, practice.
Revit shortcuts & hotkey guide

Work faster and more efficiently by using the Revit Keyboard Shortcuts. A downloadable list of shortcuts and commands in the Revit Keyboard Sheet.
OOTB Revit KS Cheat Sheet

https://www.autodesk.com/shortcuts/revit
Some of my favorite OOTB KS

**View**

- **FN9**: SYSTEM BROWSER / Finds components that are not assigned to a system.
- **KS**: KEYBOARD SHORTCUTS / Assigns key sequences to tools.
- **PP or CTRL-1 or VP**: PROPERTIES / Toggles Properties Palette / Toggles the Properties palette.
- **RD**: RENDER IN CLOUD / Renders 3D views online.
- **RG**: RENDER GALLERY / Enables access to multiple versions of renderings, render images as panes, change rendering quality, and apply background environments to rendered scenes.
- **RR**: RENDER / Creates a photorealistic image of the building model.
- **TL**: THIN LINES / Displays all lines on the screen as a single width, regardless of zoom level.
- **VG or WW**: VISIBILITY/GRAPHICS / Controls the visibility and graphic display of model elements, datum elements, and view-specific elements for each view in a project.
- **WC**: CASCADE WINDOWS / Arranges all open windows in a series in the drawing area.
- **WT**: TILE WINDOWS / See all open views at the same time.

**View Control Bar**

- **CX**: TOGGLE REVEAL CONSTRAINTS / Toggles the constraint is a view.
- **GD**: GRAPHIC DISPLAY OPTIONS / Opens the Graphics dialog box.
- **HC**: HIDE CATEGORY / Hides all selected categories in the view.
- **HH**: HIDE ELEMENT / Hides an element from view.
- **HI**: ISOLATE ELEMENT / Isolates selected elements.
- **HL**: HIDDEN LINE / Displays the image with all edges and lines drawn except those obstructed by surfaces.
- **HR**: RESET TEMPORARY HIDE/ISO/LAY / Restores any temporarily hidden elements or categories.
- **IC**: ISOLATE CATEGORY / Isolates selected categories.
- **RD**: RENDER IN CLOUD / Renders 3D views online.
- **RG**: RENDER GALLERY / Enables access to multiple versions of renderings, render images as panes, change rendering quality, and apply background environments to rendered scenes.
- **RH**: TOGGLE REVEAL HIDDEN ELEMENTS MODE / Toggles the Reveal Hidden Elements Mode.
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SLO#4 - OOTB and custom KS cheat sheet

- Step 1: Export the KS list (from SLO#3 above)
- Step 2: Save to a location you can find
- Step 3: Open Excel
- Step 4: Open the xml file you just saved
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KEYBOARD SHORTCUTS, Practice Make Perfect
Shortcut Methodology – Stages for Success

**TOP THREE MUST USE:**
- ESC
- SPACEBAR
- TAB

**CREATE**
These are the tools you use when creating or drawing Revit elements.
Eg: Walls Components Dimensions Lines Text Create Similar

**MODIFY**
Tools used to modify or edit stage A
Eg: Move Copy Align Mirror Rotate Trim Delete

**DISPLAY**
Any tool used when management of the model or elements are needed.
Manage Stages A-C.
Eg: Visibility Graphics Overriding Elements/Categories

**NAVIGATE**
Tools used for getting around your model.
Eg: Zoom All/Windows Windows Tile Shade Hidden Line Wireframe Properties Palette Section Box Hide Elements/Categories
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