# Tool Palettes: The Power of Standards – CES321648

Justin Johnson

Structural Design Coordinator/CAD Manager

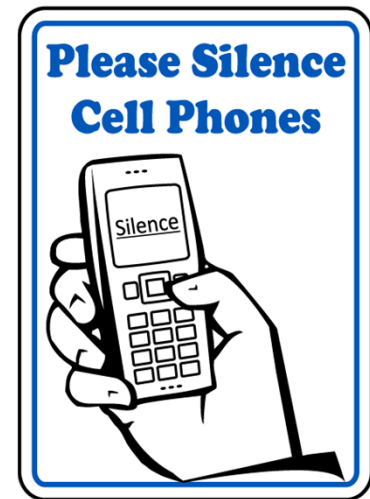GPD Group Akron, OH

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# About the speaker

- Justin Johnson – GPD Group

- Structural Design Coordinator/CAD Manager

- 12 years in the structural design field at GPD
  - 2 years as a designer, 10 years as the team CAD manager
  - Last 5 of those years helping to develop other team CAD standards
- Over 15 years using Autodesk products
  - AutoCAD ®, Civil 3D ®, Architectural Desktop ®, Revit Structural ®, & some testing the water with Advanced Steel
- Year #4 attending AU, third year as a speaker
- Autodesk Certified Professional, AutoCAD®

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# Housekeeping Items

**A few things to note before we begin:**

- Turn all phones off or on vibrate please! And thank you!!

- Questions – I format my class a little different than some.

  - I pause for questions periodically throughout the session

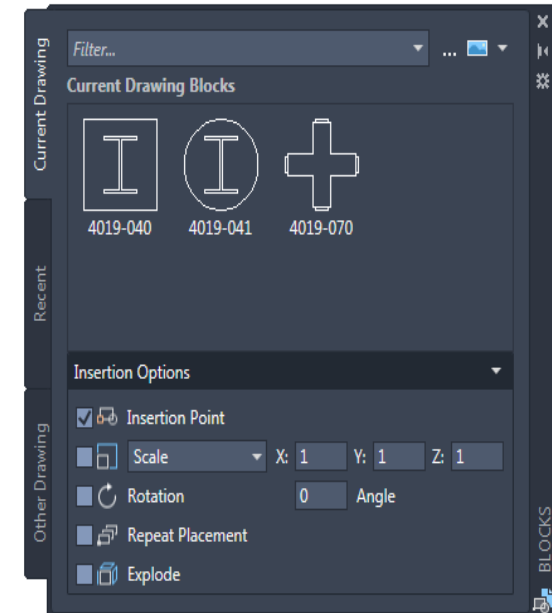- Its only a one hour session so we will not have a break.

# Class Learning Objectives

- Creating and adding blocks, commands, buttons, and other tools to the palettes.

- Methods for organizing the tools on the palettes.

- How to edit Blocks (details) using the tool palettes.

- How to save and distribute palettes from a network location.

# Blocks Palette

New to AutoCAD and Civil3D with version 2020.

- Used to combine the functions of the Insert command and Design Center
  - "Current Drawing" tab
    - Lists blocks within the current drawing
  - "Recent" tab
    - Lists recently inserted blocks
      - Can change the quantity shown using BLOCKMRULIST from 1-100
  - "Other Drawing" tab
    - Allows you to search and insert blocks from other drawing files.
- Insertion options are the same as using the INSERT command
- Does not have the same options as using the Tool Palette properties dialogue box

# AutoCAD Demonstration

# Review – Did we meet the objectives?

✅ **CREATING AND ADDING BLOCKS, COMMANDS, BUTTONS, AND OTHER TOOLS TO THE PALETTES.**

Showed several examples of the types of tools to create and add to the palettes including hatches, line work, AutoCAD commands, custom commands and more!!

✅ **HOW TO EDIT BLOCKS (DETAILS) USING THE TOOL PALETTES.**

Showed how to use the right-click menu on block tools to open and edit the block in the parent drawing files.

✅ **METHODS FOR ORGANIZING THE TOOLS ON THE PALETTES.**

Showed how using the right click menus built into the palettes and palette window can help to organize and change how the user views the palette.

✅ **HOW TO SAVE AND DISTRIBUTE PALETTES FROM A NETWORK LOCATION.**

Showed how saving and sharing the palettes across a network can help create uniform drawings by allowing everyone access to standard tools.

# Questions??

- Contact me anytime for questions
    - [jujohnson0625@gmail.com](mailto:jujohnson0625@gmail.com)

        and/or

    - Grab a Business card before you leave
    - Please complete the class surveys…feedback helps us out.
        - Located within the AU App
- Thank you for attending my session and enjoy the rest of AU 2019

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