Capitalize on MEP Fabrication Workflow Close the Loop with Revit Detailing Customization

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Class summary

This class is about the MEP Fabrication database customization: how to create new specifications, new services, new items from pattern templates, and so on.

The ultimate goal is to use it in Revit software, taking advantages of all new features and capabilities provided by Revit 2017 software—and figure out all the value of using fabrication content in the detailing phase to capitalize on design, optimize construction, and save costs.

This session features Revit and Fabrication CAMduct & ESTmep



Key learning objectives

At the end of this class, you will be able to:

- customize the existing MEP fabrication shared database
- Create your own content and use it in Revit
- to capitalize on the value of using new Revit detailing capabilities
- Understand the relationships between the needs of MEP contractors and the work of MEP fabricators



Content Creation and Management



The shared Database

- What's in :
 - Materials + Sopseter Holden Sopseter Medical Society Societ
 - Cost Information
 - Galvanized
 - Iron
 - Copper
 - PVC
 - •••

- Time
- Time
- es les
-

- Duct fittings
- Pipes
- Pipes fittings
- Valves
- •••



Content Creation – only in Fabrication Products

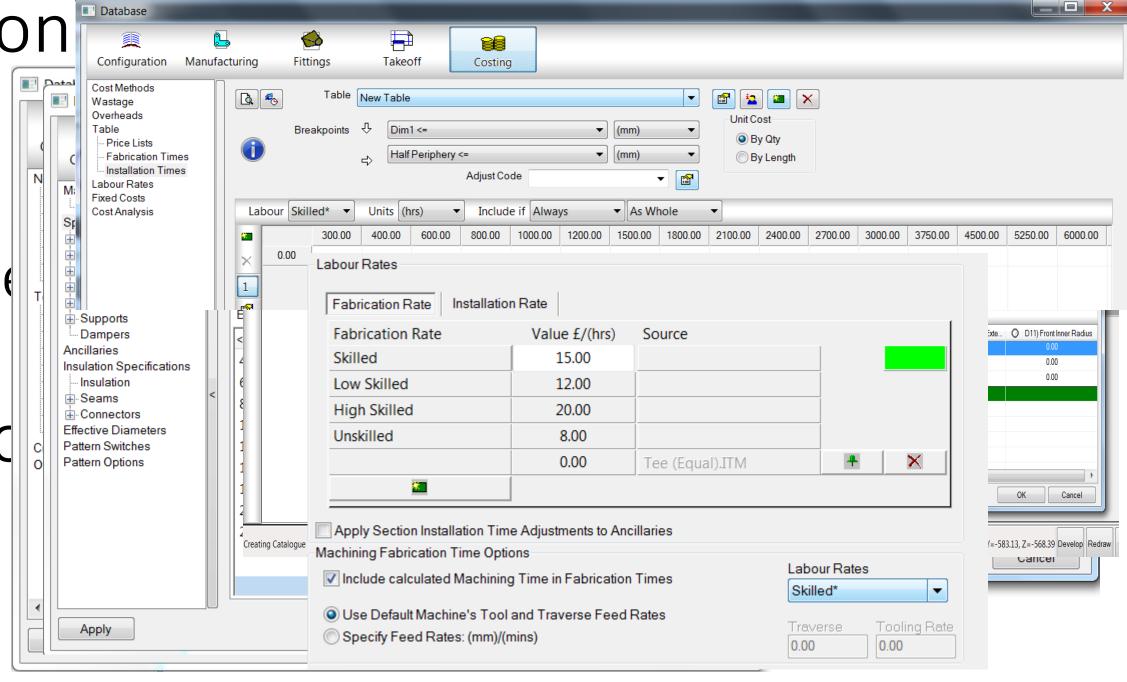
Material creation

Specs creation

Items creation

Based on patte templates

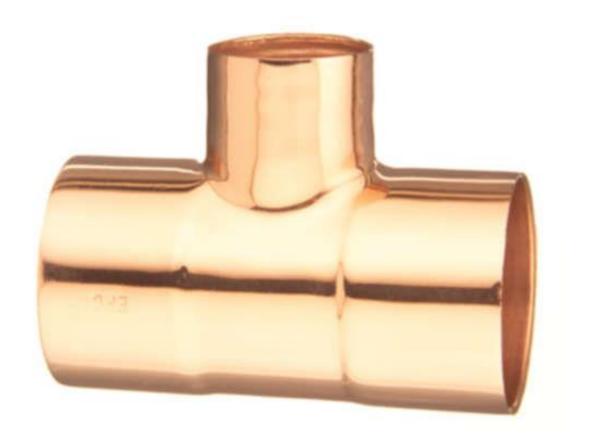
Cost Information





Content Creation: New Item

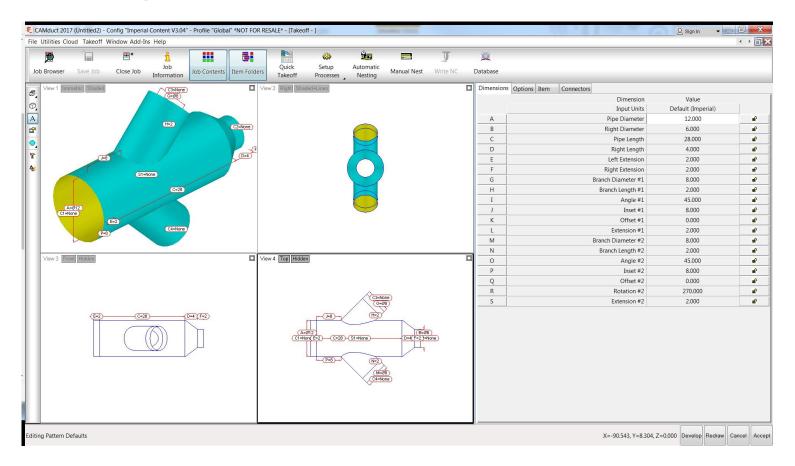
- Manufacturer : Elkhart Products Corporation
- Reducing Tee : 111R (WROT)





Content Creation

Use Pattern template : CID 2160



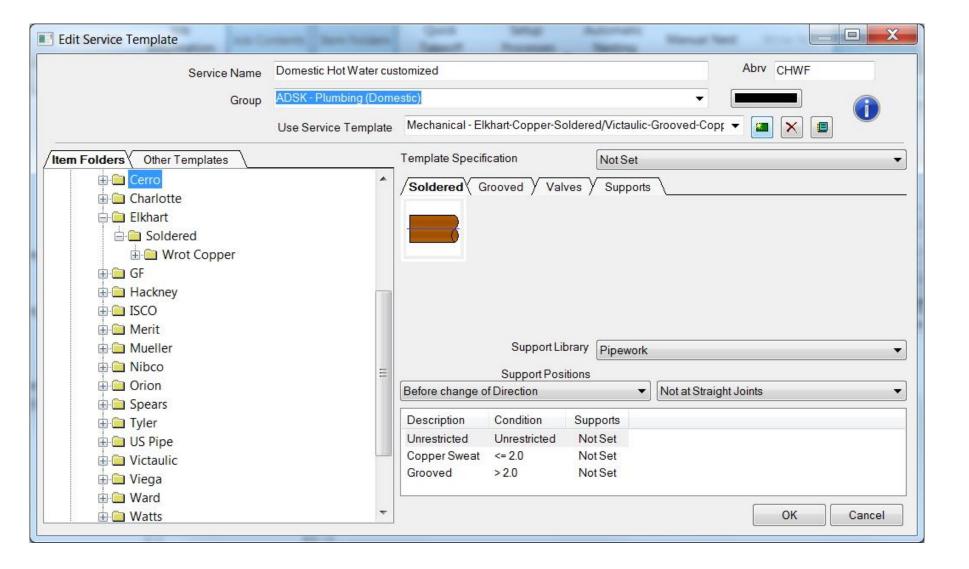
- Use existing material: Copper (adks data V11) & ASTM B88 (Elkhart)
- Use existing Specification: General Piping
- Use existing connector : ELK_C-WCU





Manage Content: New Service

- New based on « Hot water flow »
- New service template based on « Mechanical Nibco Copper Soldered »

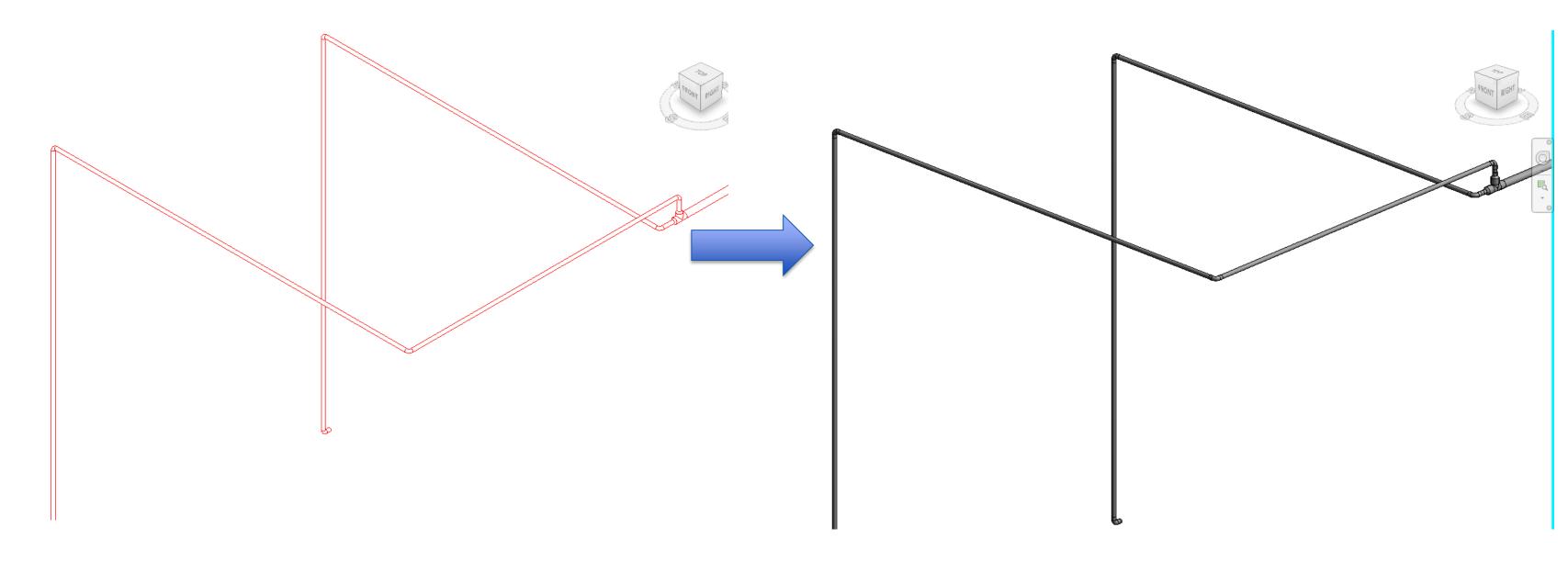




Detailing Features in Revit

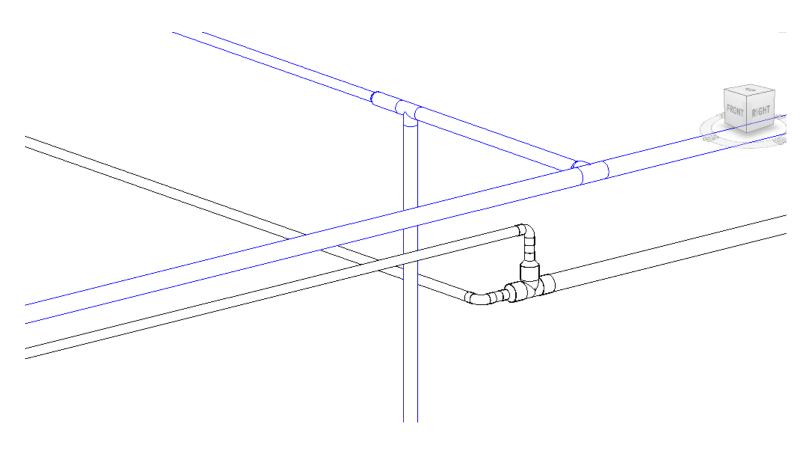


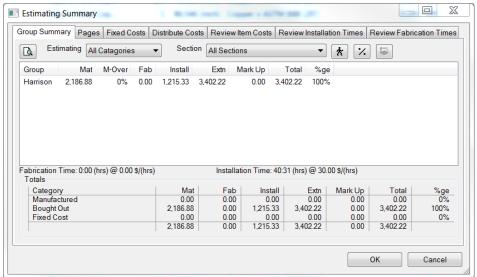
Conversion in Revit

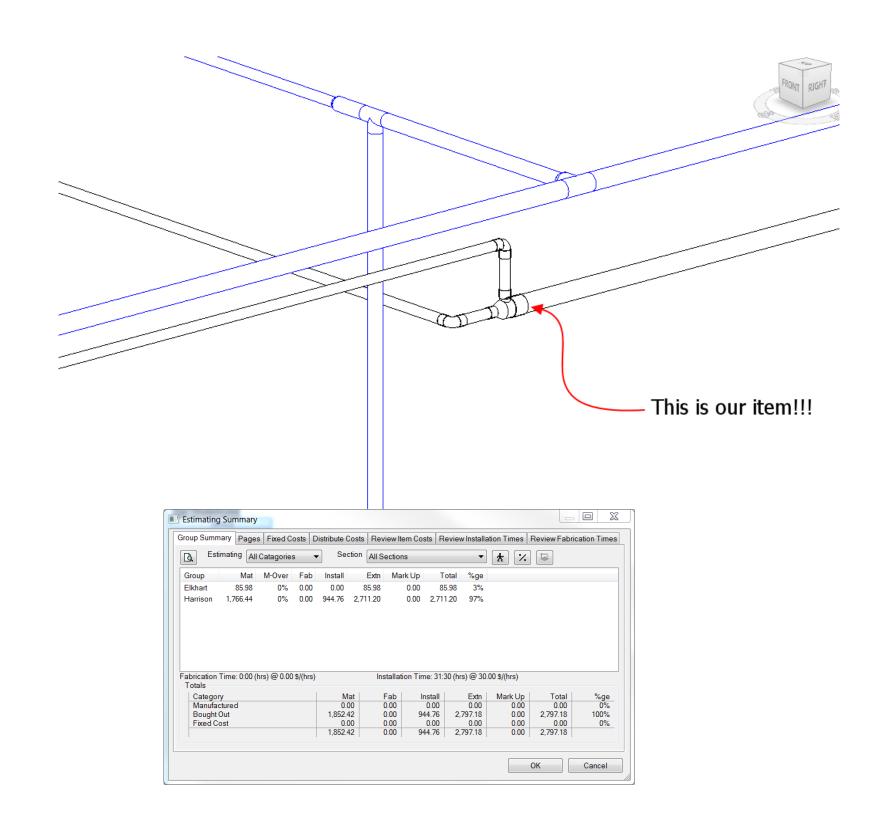




Optimization









Conclusion

- After this class, you know :
 - How to create a new item
 - How to create a new service
 - How to use it in a Revit Project
 - Why it is interesting to work with this workflow;
- Now you have the information to customize the MEP fabrication database and get the profit from its use in the Revit environment.



Q&A





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