

Plant 3D Orthographics Demystified

David Manning

Premium Support Specialist

Twitter: @DTManningPSS

Introduction

David Manning

Premium Support Specialist

Autodesk Australia - Sydney

Plant 3D and P&ID, Vault and AutoCAD Specialist

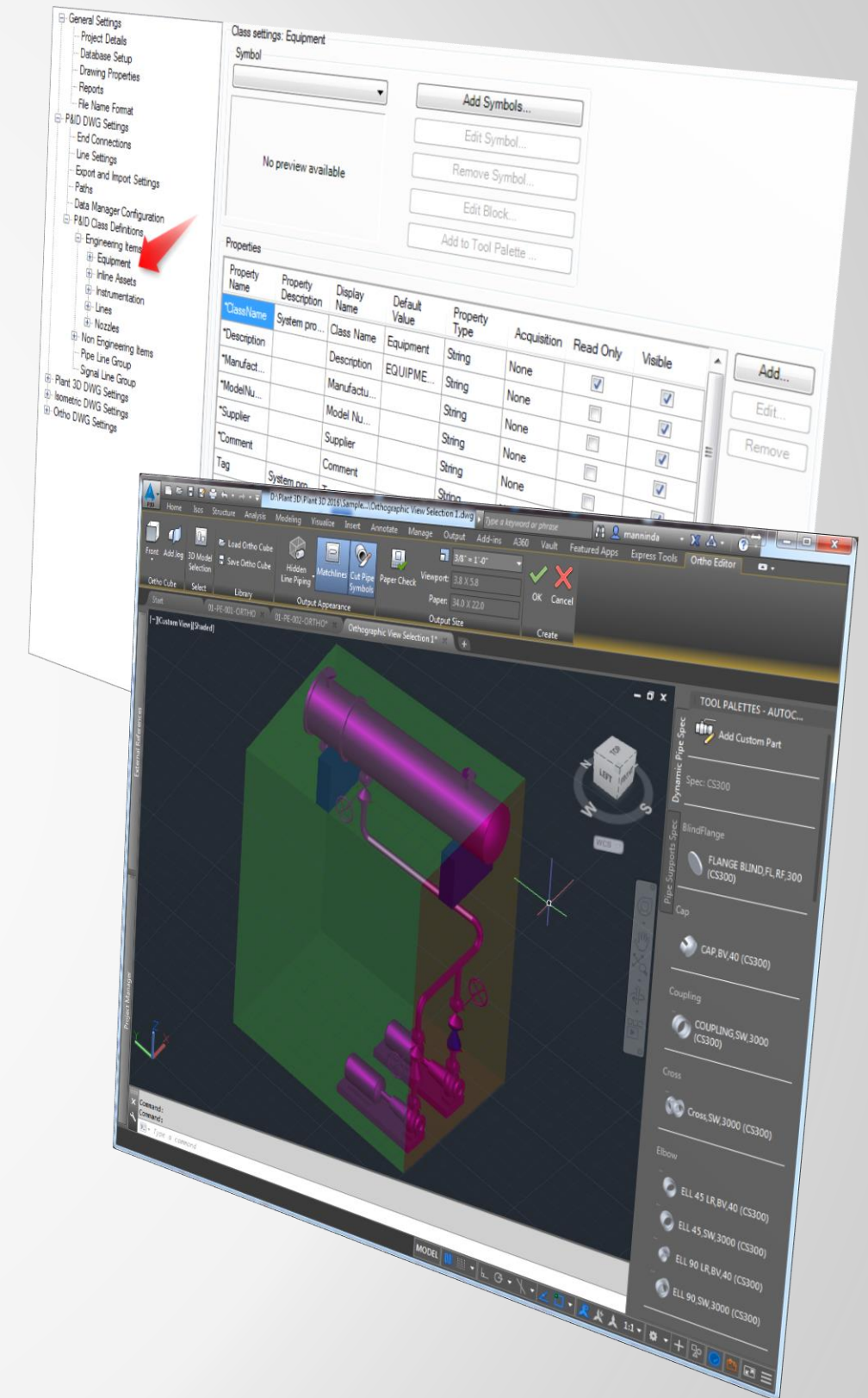
- Starting My career in the oil and gas industry worked for 6 years as a draftsman, for a small drawing office attached to a factory that designed and build industrial steam plants.
- Shortly after this I started working as a draftsman onsite at an Australian refinery. During my 11 years there I worked on large variety of projects, both small and large and everything between.
- As well as drafting at the refinery I also implemented an Autodesk Vault environment. I also took on the responsibility of systems manager for Vault and the CAD systems which included AutoCAD, Recap and Plant 3D, and various other CAD systems.
- I now work for Autodesk as a Premium Support Specialist with the Enterprise Priority Support team.



Class Summary

During this class we will have a detailed look at the customisations that are required to get Plant 3D ready to create orthographic drawings.

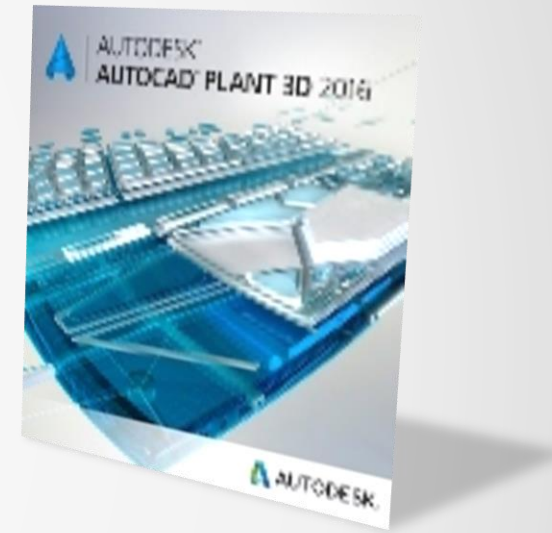
We will also have a look the process of creating an orthographic drawing from your Plant 3D models and the limitations of other products that can be used to create a complete orthographic view.



Setting the stage.

For who.... using what?

- This presentation is intended for a beginner to intermediate audience.
- During the presentation I will be using Plant 3D 2016 SP2
- The project used is the Plant 2016 sample project.
- I have allowed time for questions at the end.



Key learning objectives

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

- Be able to perform the basic Orthographic customisations
- Be able to create Orthometric drawing views
- Be able to annotate, dimension, update and add an Orthometric BOM
- Understand the tips and tricks for working with other models

Forget to take notes? No problem!

After AU visit:

AutodeskUniversity.com

Click on **My AU** to find:

- Class Recordings
- Presentations
- Handouts

All of your sessions will be there to enjoy again and again.



Plan to Succeed

Failing to Plan, is planning to fail.



Getting Started

Be able to perform the basic Orthographic customisations

Easy Orthographic Views

Be able to create Orthographic drawing views

From Views to Drawings

Annotate and Dimension your views

Working with others

Understand the tips and tricks for working with other models



Getting Started

Be able to perform the basic Orthographic customisations

Easy Orthographic Views

Be able to create Orthographic drawing views

From Views to Drawings

Annotate and Dimension your views

Working with others

Understand the tips and tricks for working with other models



Getting Started

Be able to perform the basic Orthographic customisations



Easy Orthographic Views

Be able to create Orthographic drawing views

From Views to Drawings

Annotate and Dimension your views

Working with others

Understand the tips and tricks for working with other models



Getting Started

Be able to perform the basic Orthographic customisations



Easy Orthographic Views

Be able to create Orthographic drawing views

From Views to Drawings

Annotate and Dimension your views

Working with others

Understand the tips and tricks for working with other models



Getting Started

Be able to perform the basic Orthographic customisations



Easy Orthographic Views

Be able to create Orthographic drawing views



From Views to Drawings

Annotate and Dimension your views

Working with others

Understand the tips and tricks for working with other models



Getting Started

Be able to perform the basic Orthographic customisations



Easy Orthographic Views

Be able to create Orthographic drawing views



From Views to Drawings

Annotate and Dimension your views

Working with others

Understand the tips and tricks for working with other models



Getting Started

Be able to perform the basic Orthographic customisations



Easy Orthographic Views

Be able to create Orthographic drawing views



From Views to Drawings

Annotate and Dimension your views



Working with others

Understand the tips and tricks for working with other models

Be heard! Provide AU session feedback.

- Via the Survey Stations, email or mobile device.
- AU 2016 passes awarded daily!
- Give your feedback after each session.
- Give instructors feedback in real-time.



Questions?

More Questions? Visit the AU Answer Bar

- Seek answers to all of your technical product questions by visiting the **Answer Bar**.
- Open daily 8am-10am and Noon-6pm and located just outside of Hall C on Level 2.
- Staffed by Autodesk developers, QA, & support engineers ready to help you through your most challenging technical questions.



