PD1392 - Setting up Isometrics in Autodesk® AutoCAD® Plant 3D

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Key learning objectives

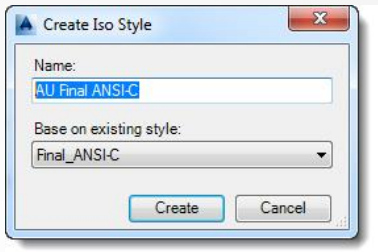
At the end of this class, you will be able to:

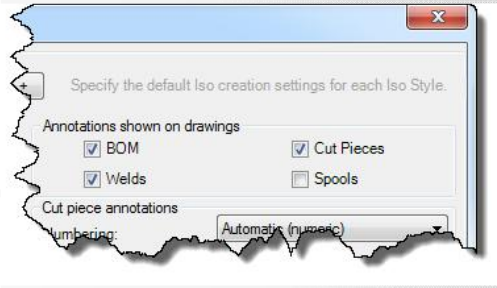
- Setup Isometrics from start to finish
- Use Tips & Tricks outside the User Interface
- Use your own Isometric Symbols
- Setup your title block

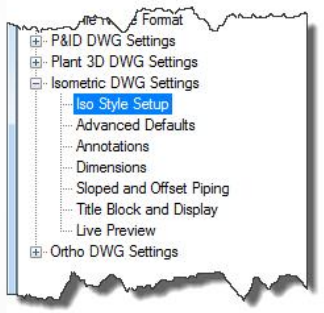
Setup Isometrics from start to finish

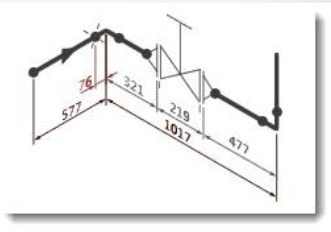
Setting up Isometrics from start to finish

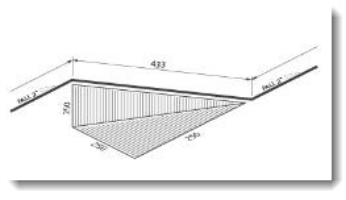
- Create your own Iso-Style
- Configure general settings
- Setup “Advance Defaults”
- Adapt Annotations
- Check Dimensioning
- Define Sloped/Offset layout
- Modify Frame/Title Block

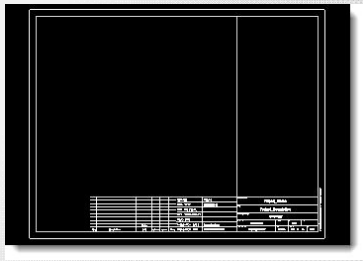










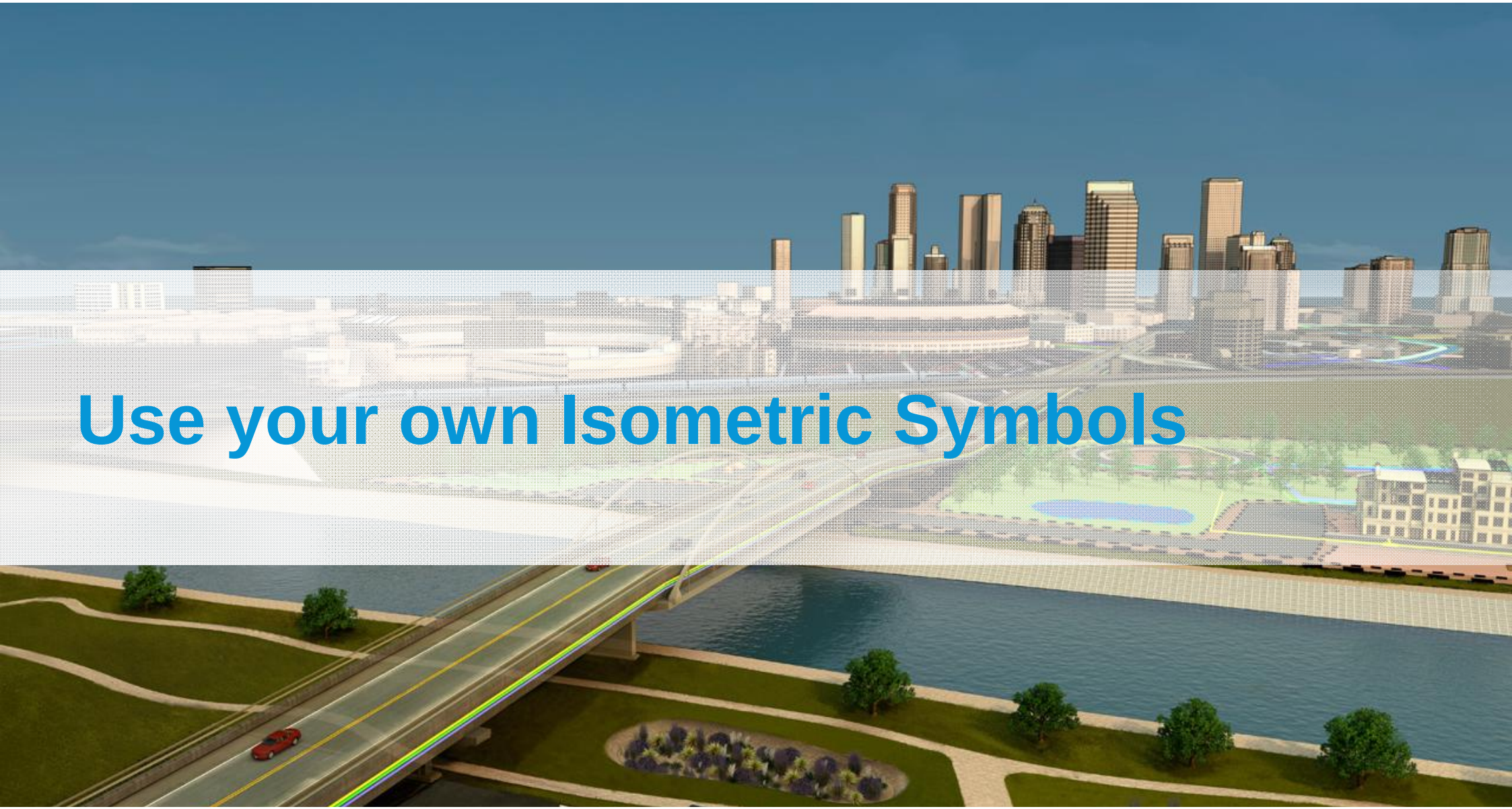


Tips & Tricks outside the User Interface

Tips & Tricks outside the User Interface

- Global Files
  - IsoSymbolStyles.dwg
  - IsoSkeyAcadBlockMap.xml

- Files of an Iso-Style
  - IsoConfig.xml
  - Iso.dwt



Use your own Isometric Symbols

Use your own Isometric Symbols

- Copy existing Symbol
- Change/Draw the new Symbol
- Check Dynamic functions
- Set relation-ship for SKEY/Blockname
- Use new SKEY if necessary

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69   <SkeyMap SKEY = "FLRC" AcadBlock ="Flange"/>
70   <SkeyMap SKEY = "FLWN" AcadBlock ="SimpleFlangeWN"/>
71   <SkeyMap SKEY = "FOWN" AcadBlock ="FlangeWN"/>
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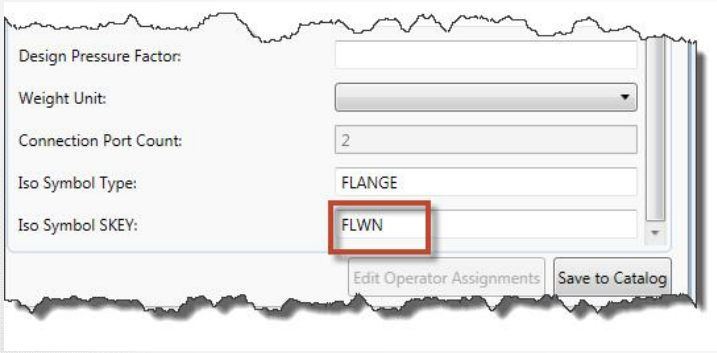
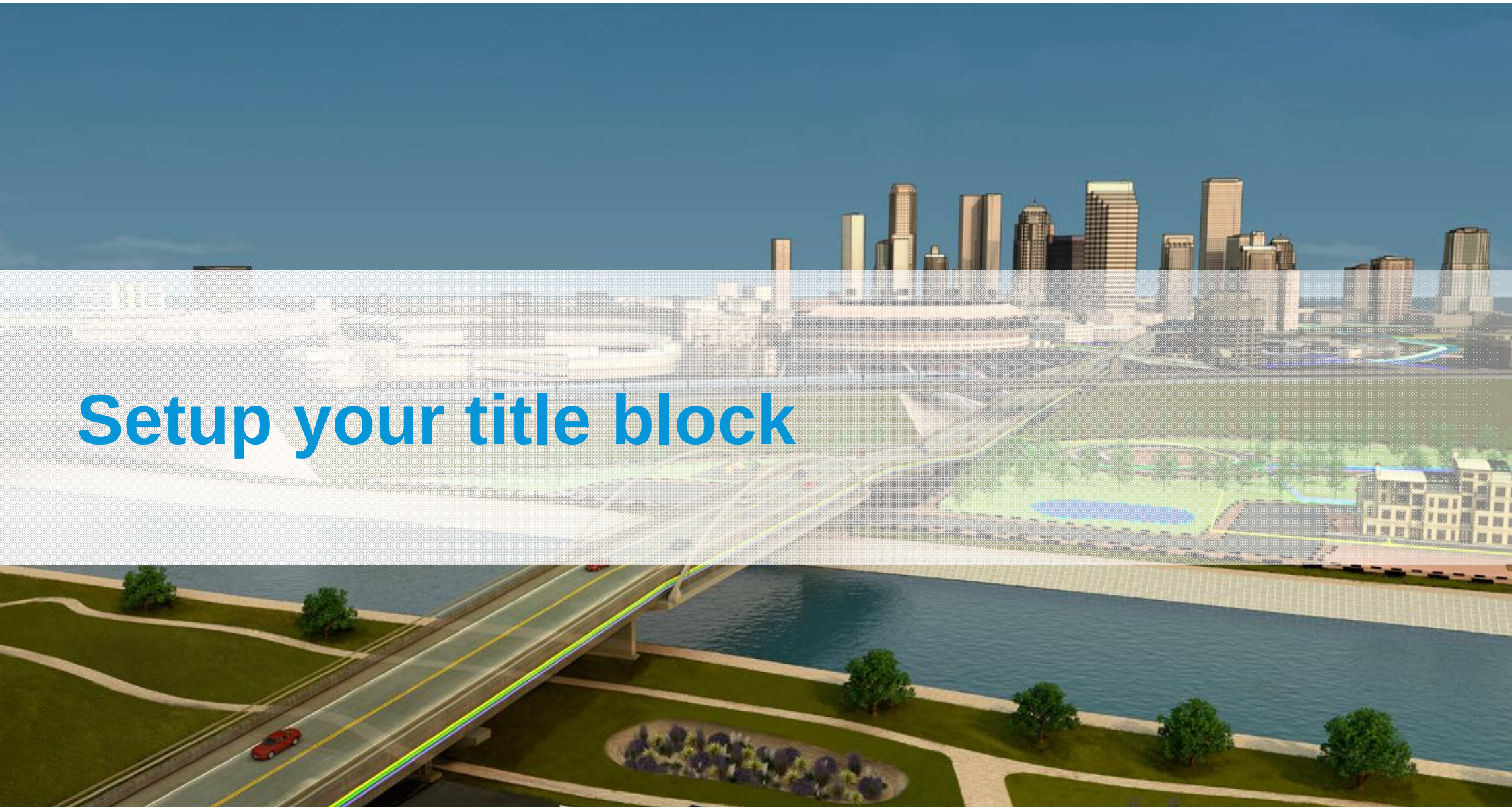
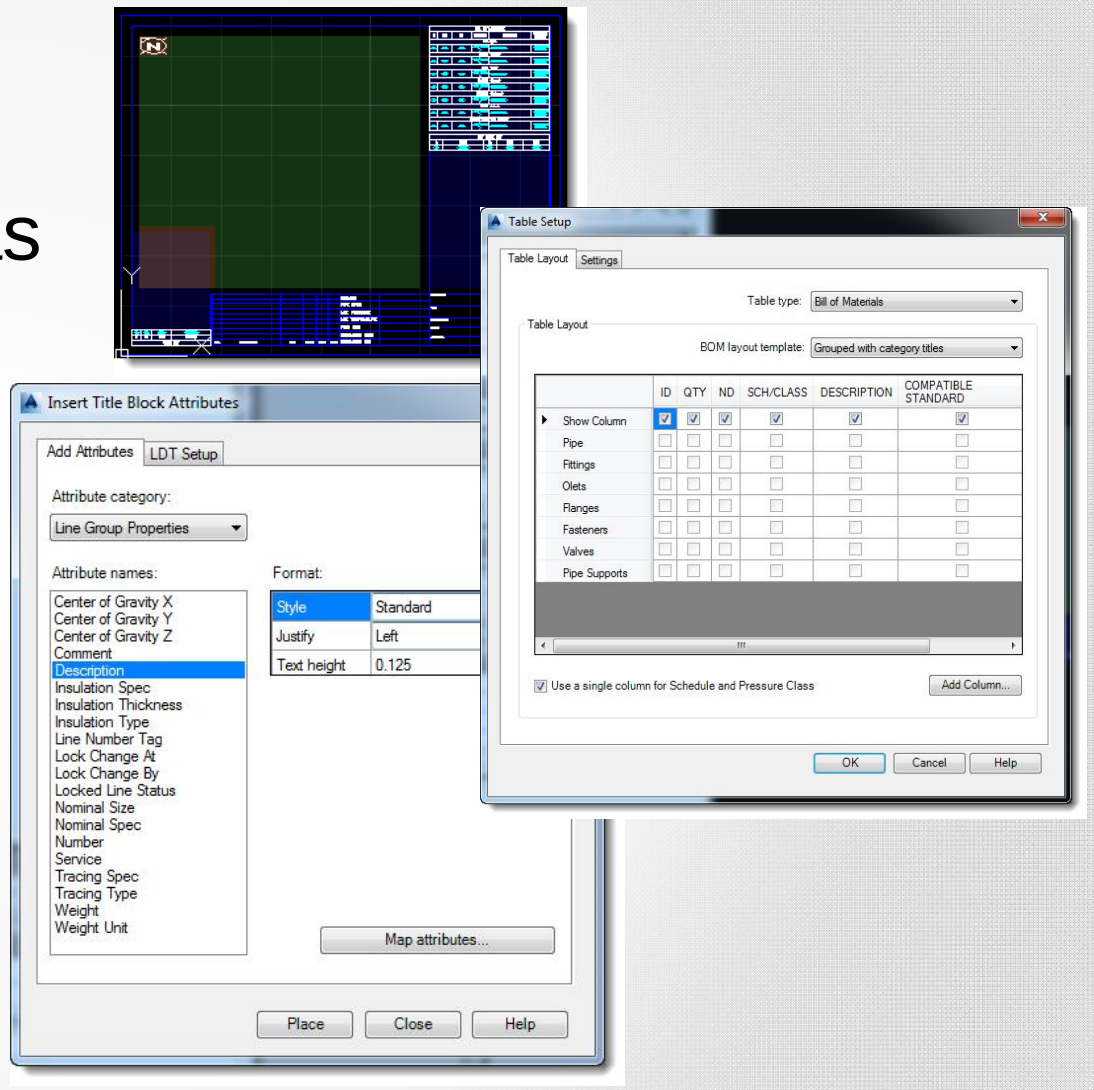




Setup your title block

Setup your title block

- Define Draw/No-Draw Areas
- Position Tables
- Setup Tables (e.g. BOM)
- Configure Title Block



Class summary

- Start with your own Iso-Style
- Modify your Iso-Style
- Got to the IsoConfig.xml if necessary
- Create and Map your own symbols

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