What's new in CADWorx

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Intergraph CADWorx & Analysis Solutions

2014 Product Update

- **Dynamic Pipe Supports**
  - ☐ Specification Based Pipe Support
- **Custom Data**
  - ☐ Manage assets better by tracking design areas
- **Line View Palette Updates**
  - ☐ Isolate by Custom Data
- **Generic Attach for Nozzles**
- **Import SmartPlant Reference Data**
  - ☐ Create a CADWorx Catalog and Specification
- **ISOGEN Repeatability**
  - ☐ ISOGEN CEDIT Sheet Number
- **New Mitered Elbow Component**
- **Route with mitered elbows**
- **O-let Minimum Spacing Rule**
- **Automatic Coupling Insertion**
- **OrthoGen for CADWorx Interface**

2014 Dynamic Pipe Supports

- Replace Pipe Support and Regenerate Pipe Support Data
- Pipe Support updates with Change Size and pipe movement


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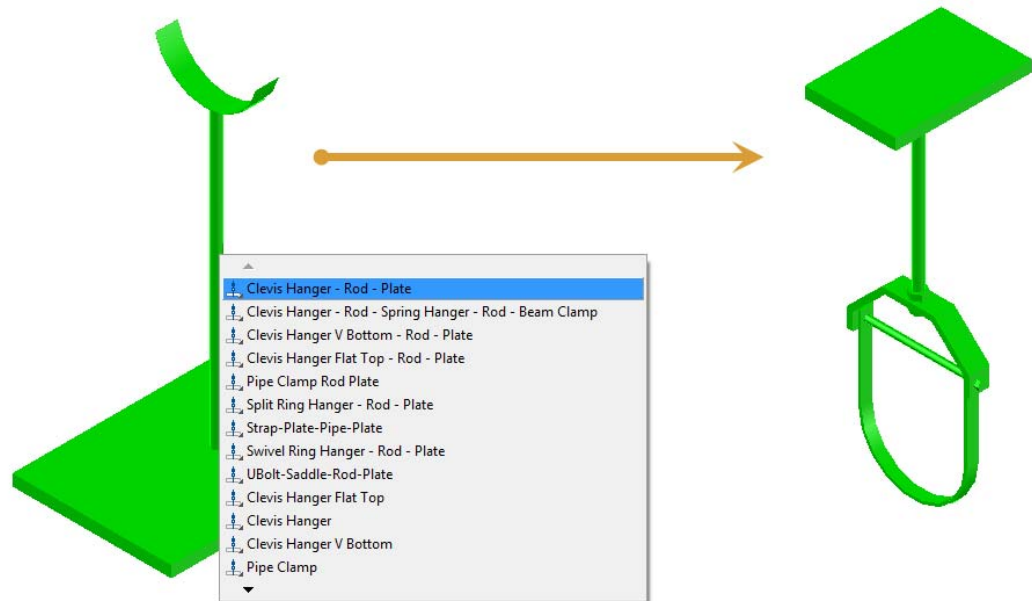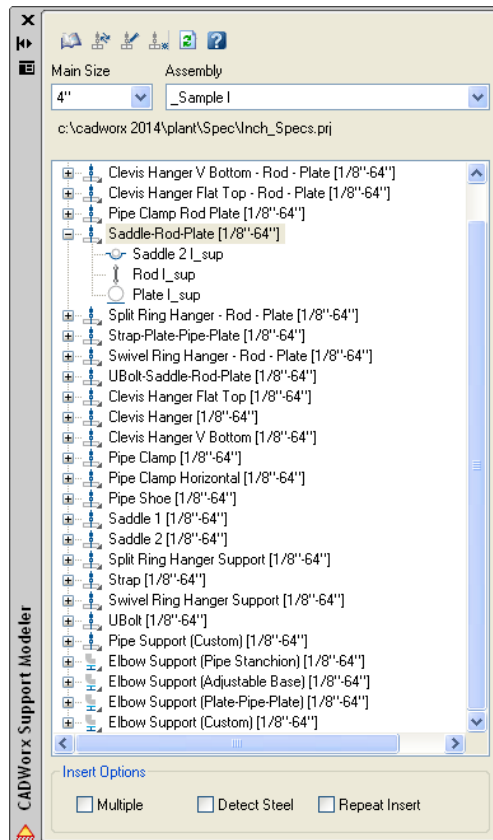
2014 Custom Data

- Custom Data can be added to the Catalog and Specification
- Custom data can be added to any component category
- Custom data can be sent to the model and database
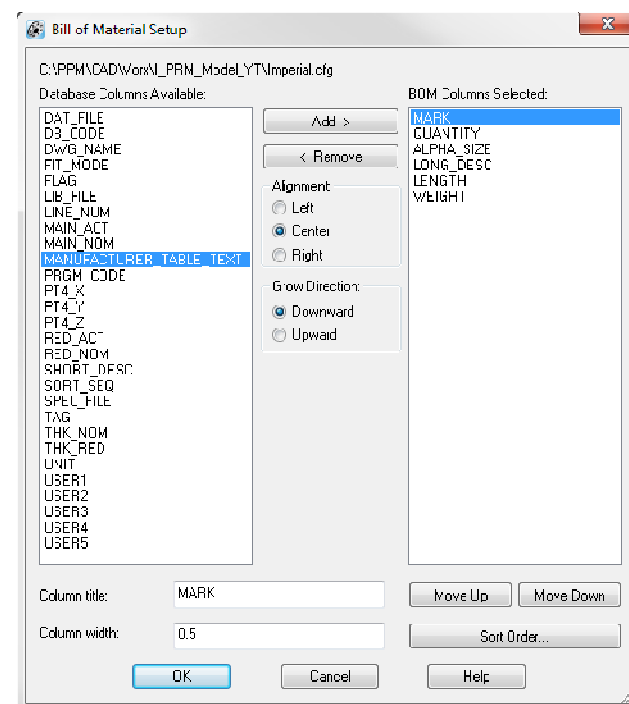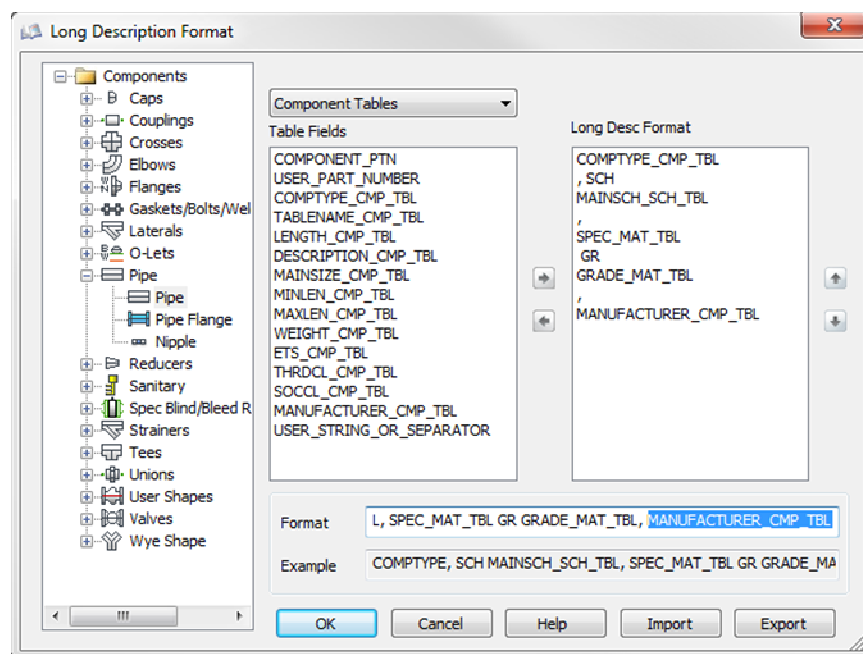
2014 Line View Palette Updates

- Isolation Manager > Isolation Settings File > Set isolation filter
- LineViewIsolationSettingsFile can be set in the configuration file
- CONVERTFROMPRJDATA controls updates to custom data
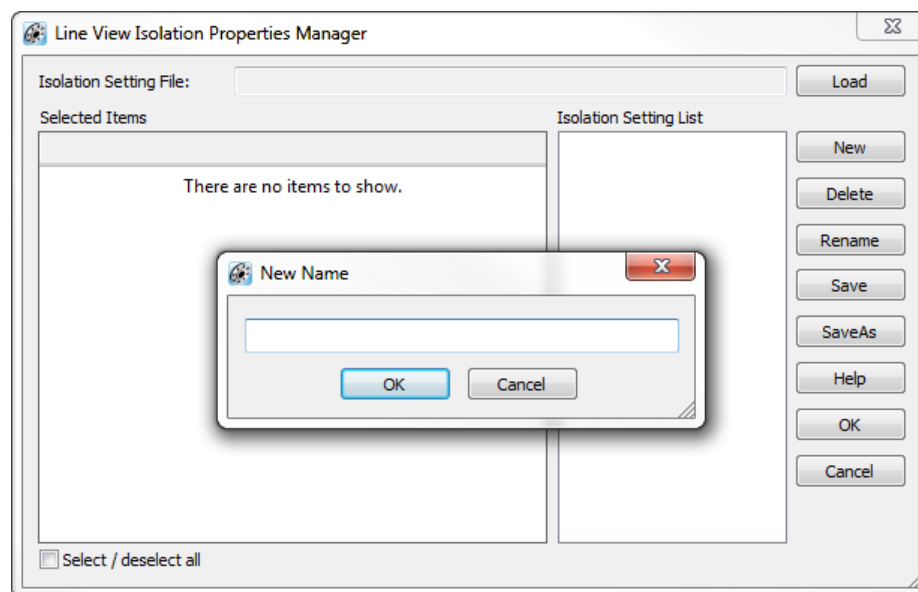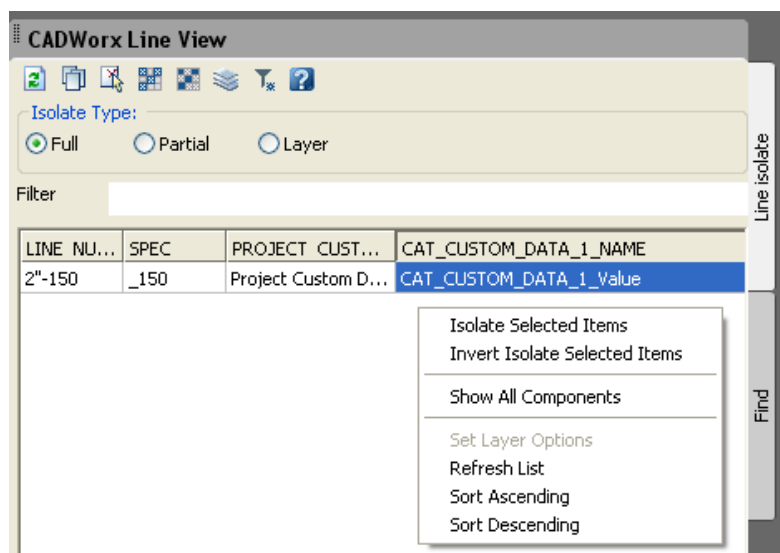
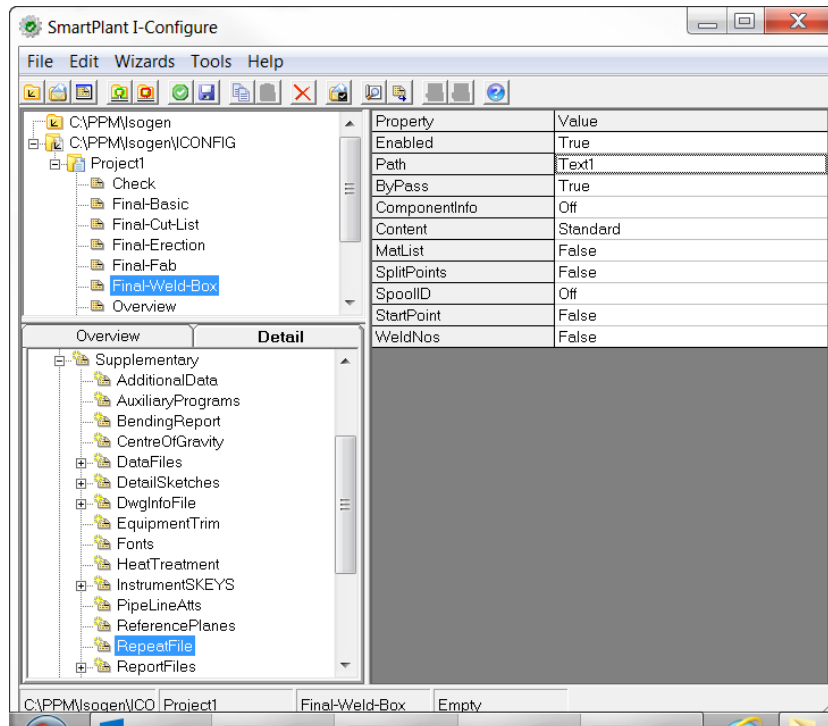# 2014 Generic Attach for Nozzles
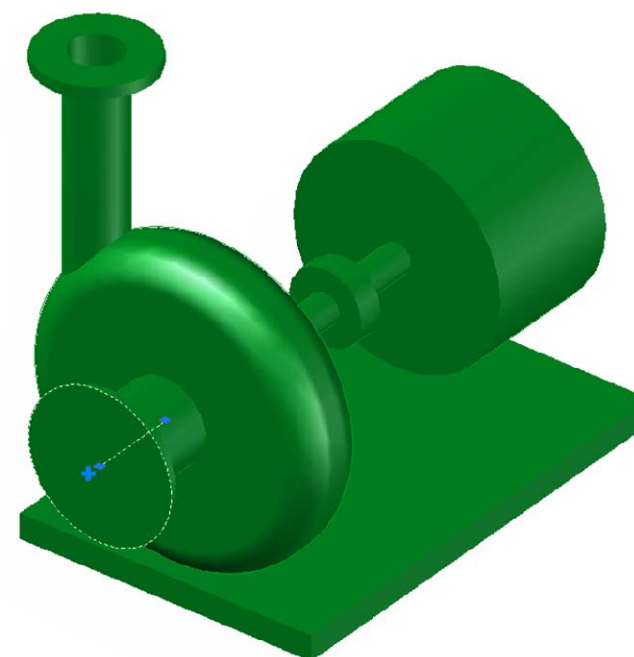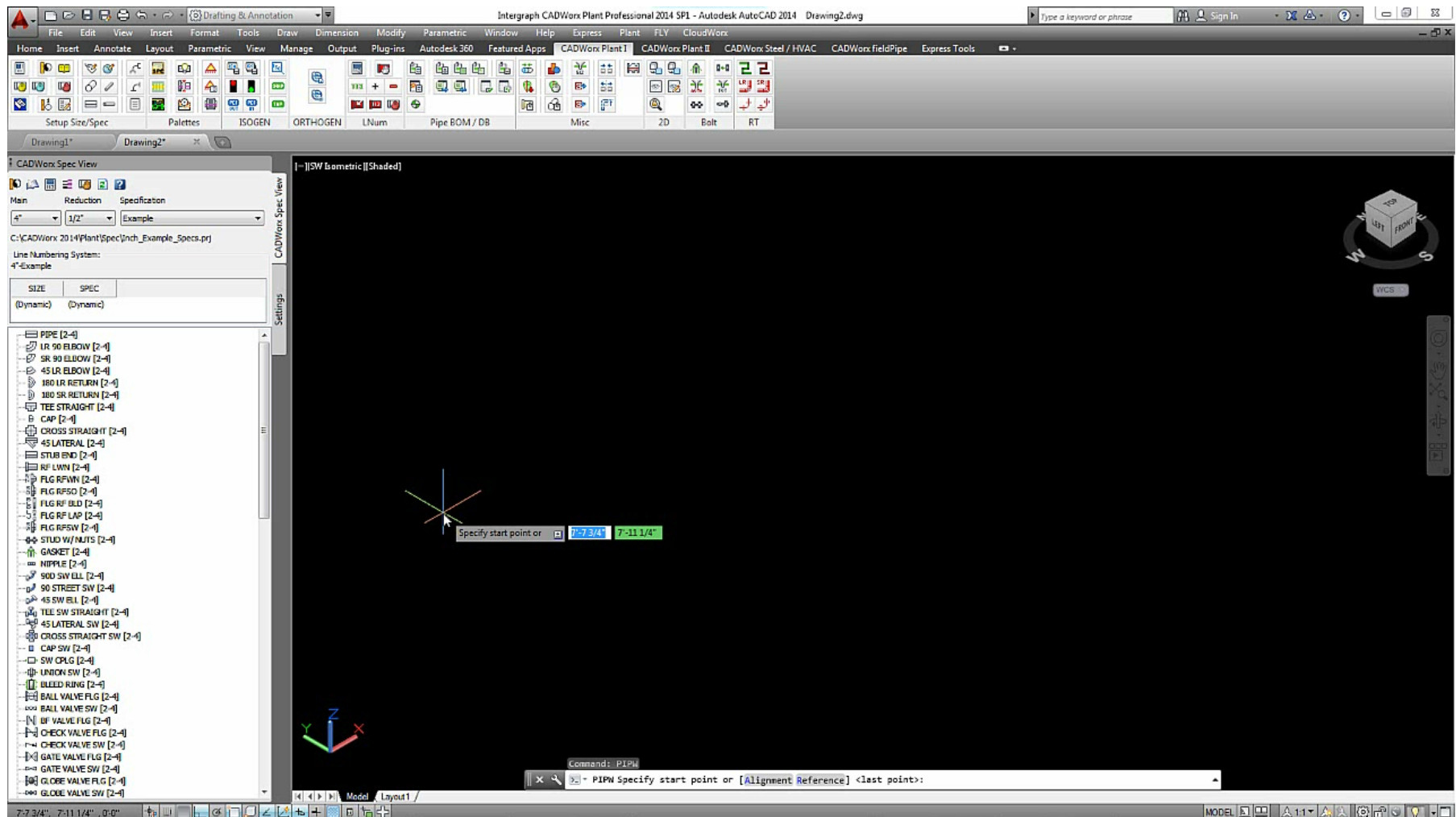
2014 Import Specification from SPRD

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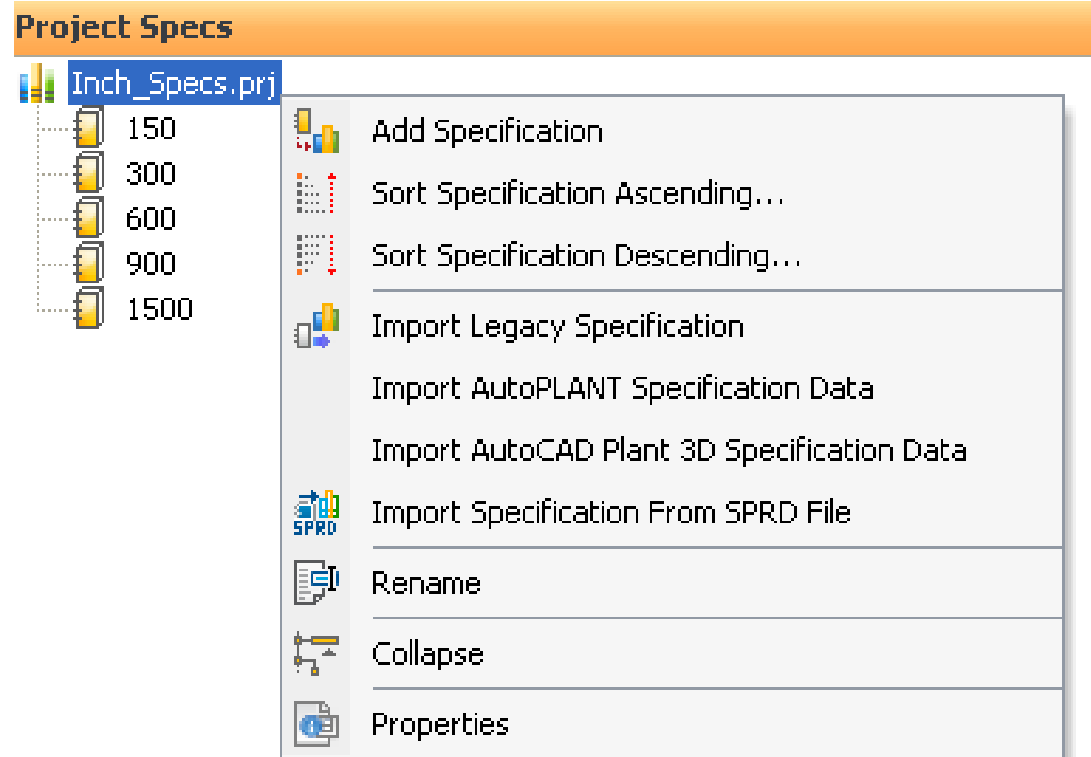
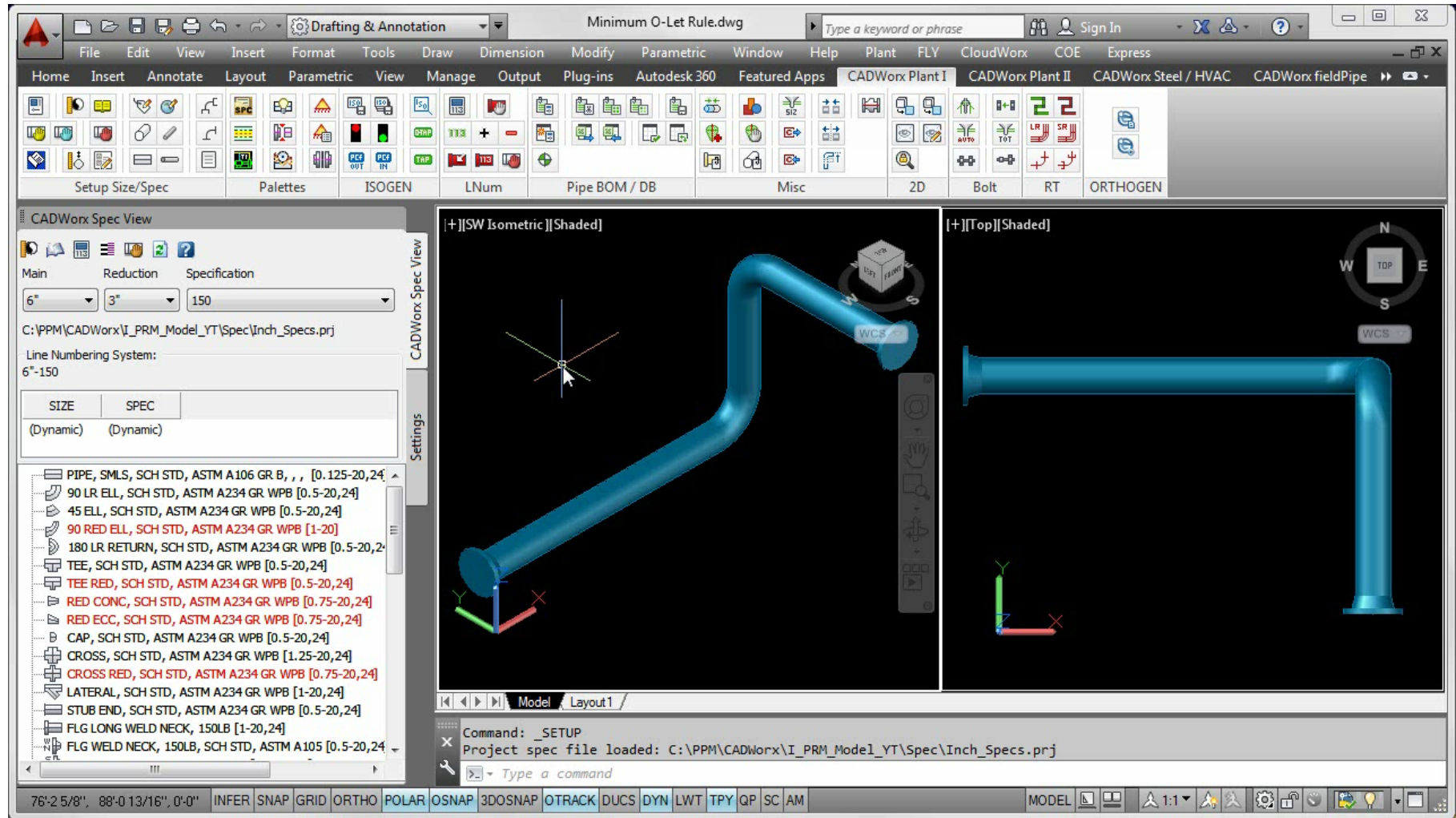# 2014 ISOGEN Repeatability

- I-Configure or OS Switch 109
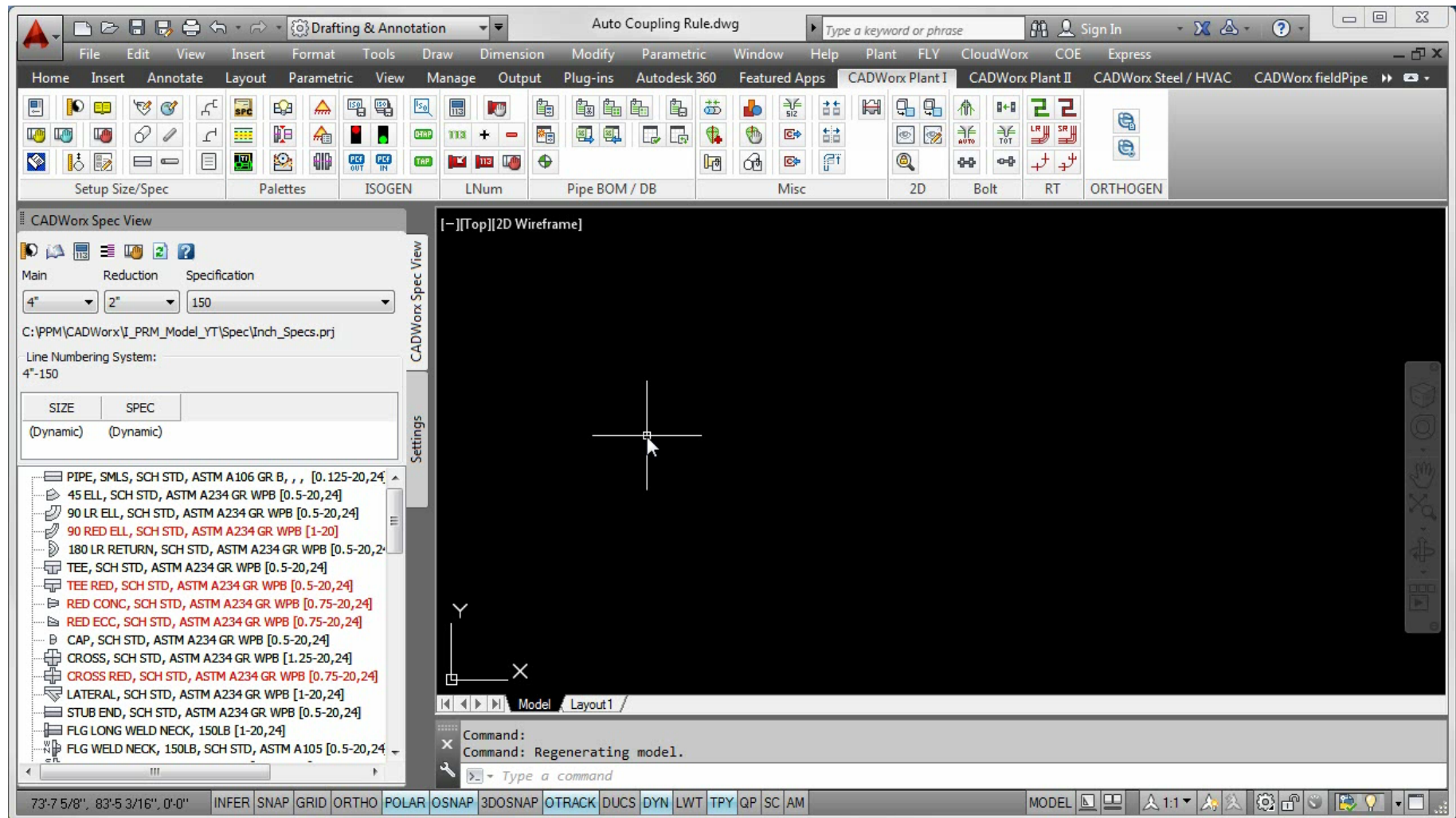- ISOGEN CEDIT Control for Sheet, Mark, Spool Number
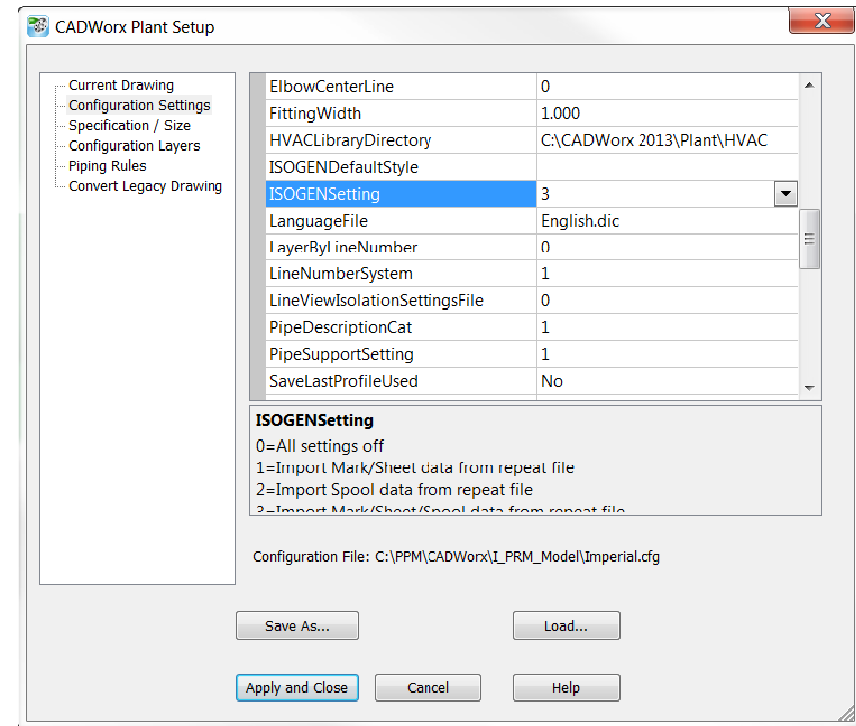
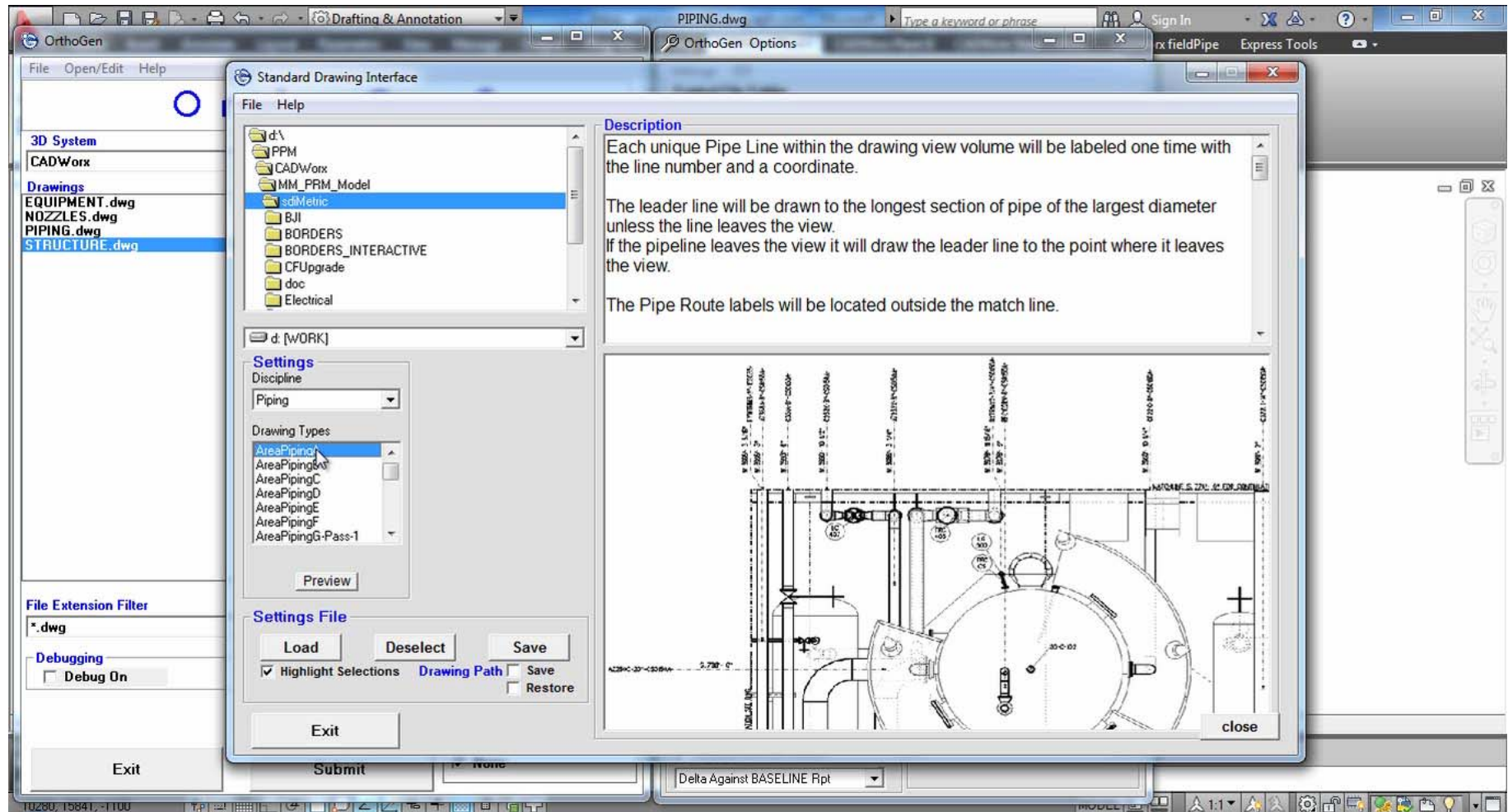# Routing Mitered Elbows

2014 O-let Min Spacing Piping Rule

2014 Automatic Coupling Insertion

2014 OrthoGen for CADWorx Interface Automatic 2D layouts & GAs

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2015 Product Enhancements: Specification Editor

- **Custom Data Lists**
  - Create a pull-down list of items for model
- **New Catalog Tables**
  - Bolt Diameter, Bolt Length and End Prep Table
- **Pre-define ISOGEN end types symbols for components**
  - Start, End, Branch(s)
- **Description fields in schema update**
- **Import multiple AutoCAD Plant 3D specifications**
- **Create threaded needle valves with male threaded by female threaded ends**
- **Add index code table field in description schemas**
- **Add spaces and underscores in the description formats**
- **Add multiple class and ratings for multiple end-types**
- **Add the reducing size field to the description format**

Custom Data Lists

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New Size Tables

Pre-define ISOGEN end types symbols for components
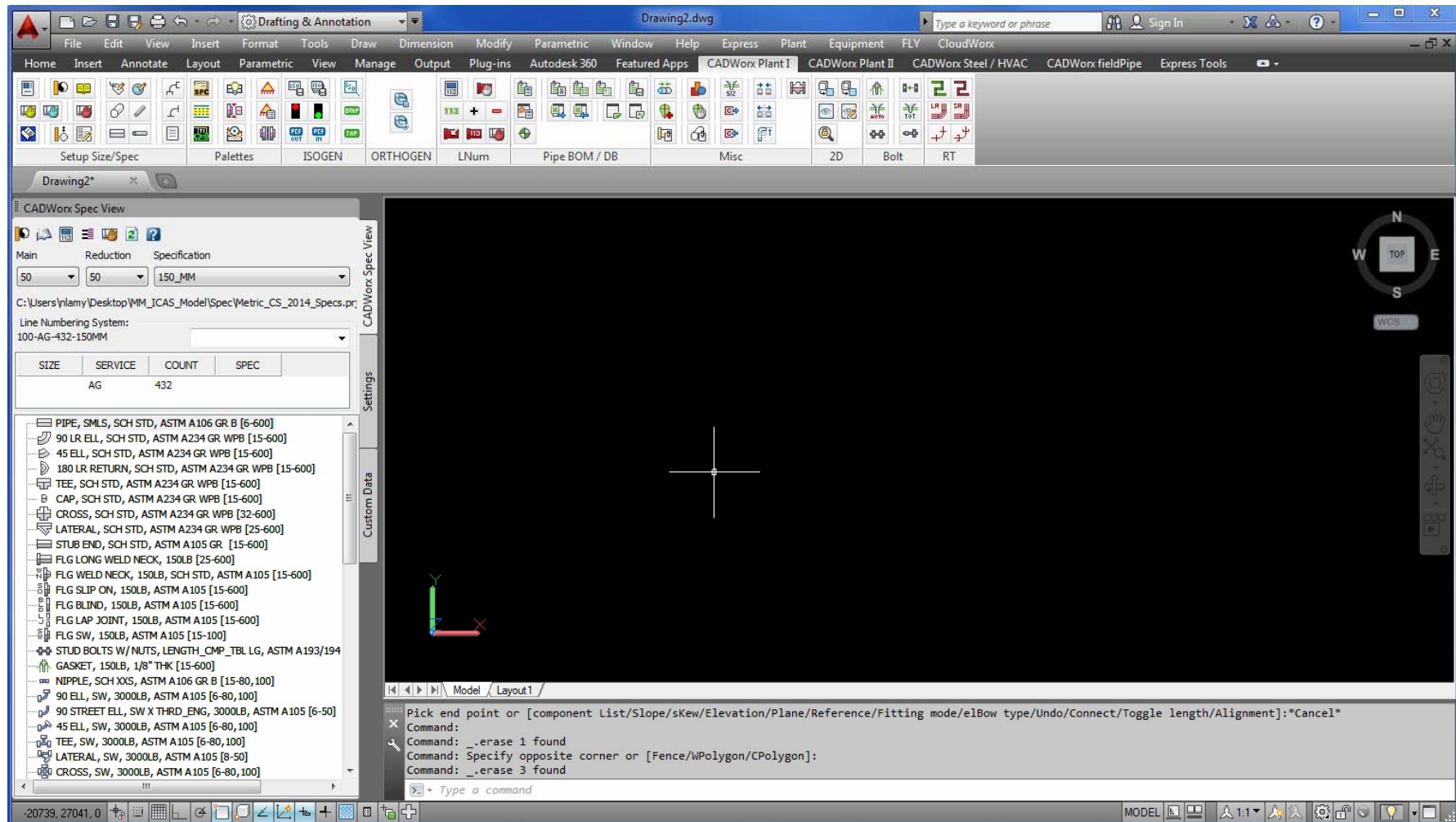
Description fields in schema update

2015 Product Enhancements: Model

- Apply Skew Pipe Maximum Angle rule
  - Used for sloped pipe
- Custom Data Lists
  - Use pull-down list of items for model
  - SPECVIEW Custom Data default override
- Turn updates on or off for Layer/color in the Apply Change Data Rule
- Branch Table Updates
  - Add crosses to the model based on the size of the branch component
- Appended End types for swages
- Increased CHANGESIZE routing options for tees
- Control visibility of TAPs with new SYSVIS command
- You can delete all components or not delete all components with **SDBAUDIT**
- AutoCAD 2015 Compatibility
- CAESAR II 2014 Compatibility

Apply Skew Pipe Maximum Angle Rule

CADWorx 2014 Overview

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Custom Data Lists

Custom Data List Override

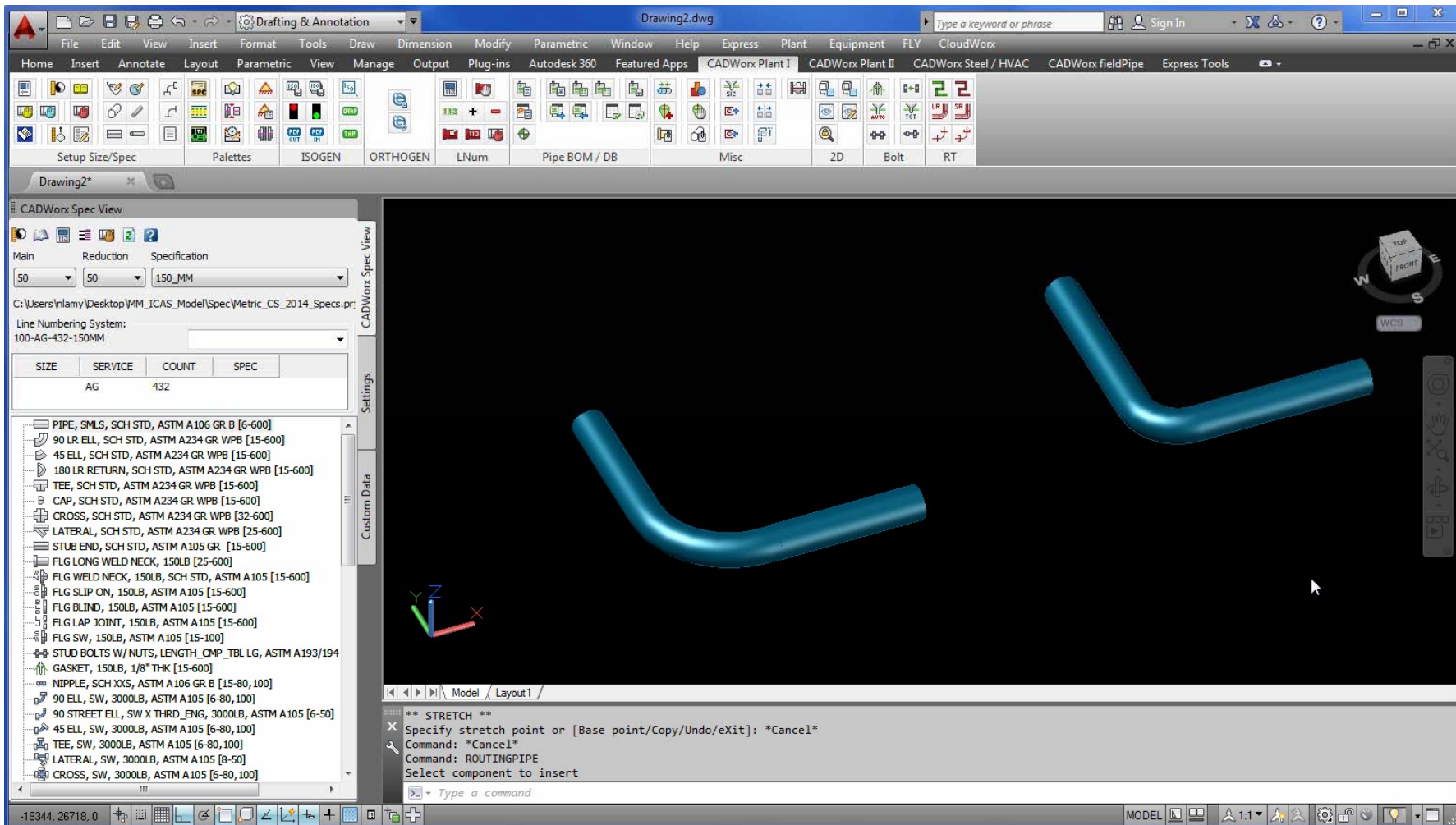# Apply Change Data Rule

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Branch Table Update
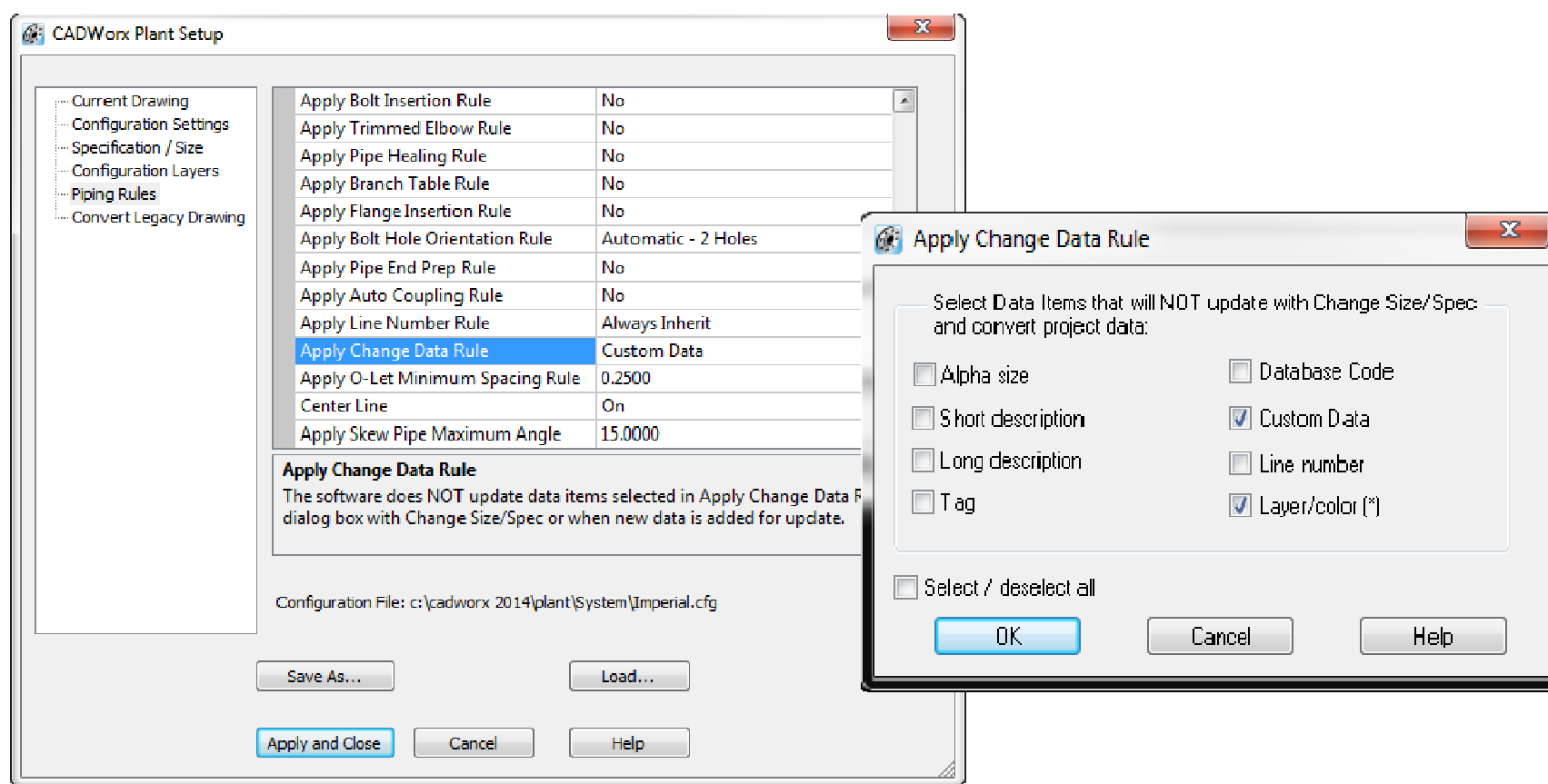
Insert O-lets on Bends or Elbows

CADWorx 2014 Overview

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2015 Product Enhancements: ISOGEN

- **Enterprise Control Panel**
- **Short Description Text Wrapping**
  - -80 to display the short description column with text wrapping
- **Support for Curved Pipe on IGO/IGB**
  - Create curved piping by setting the Threshold

Enterprise Control Panel

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ISOGEN Configuration

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Short Description Text Wrapping

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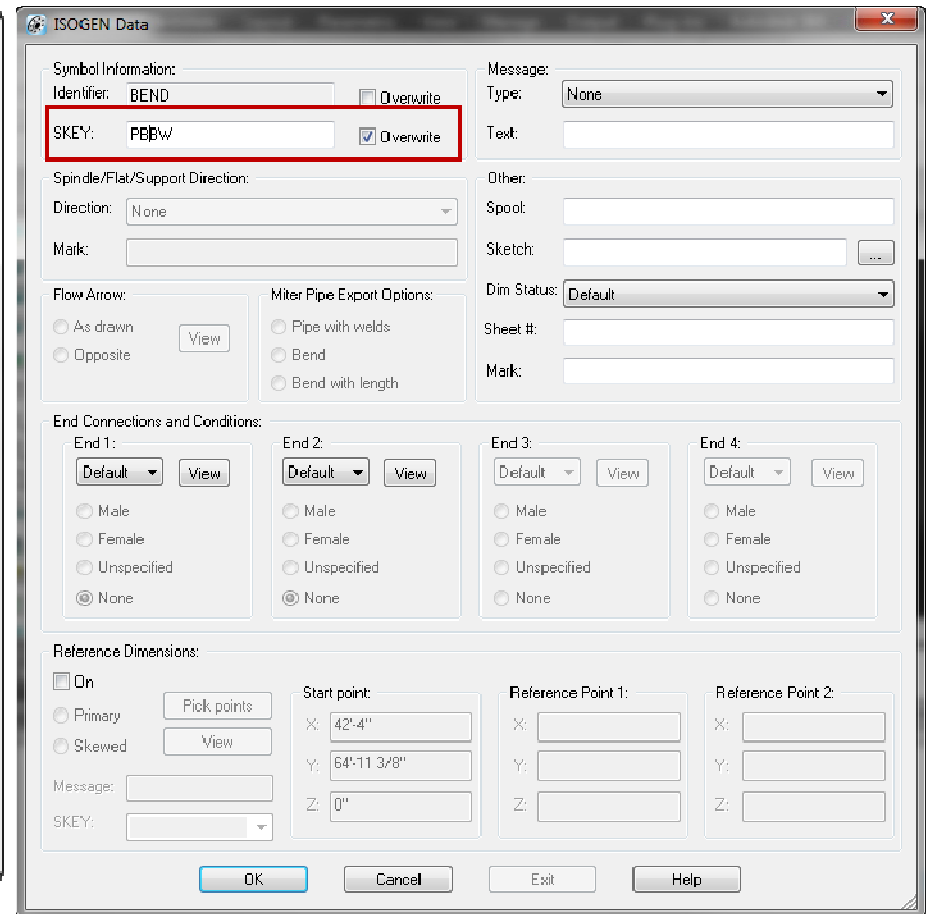# Support for Curved Pipe on IGO/IGB

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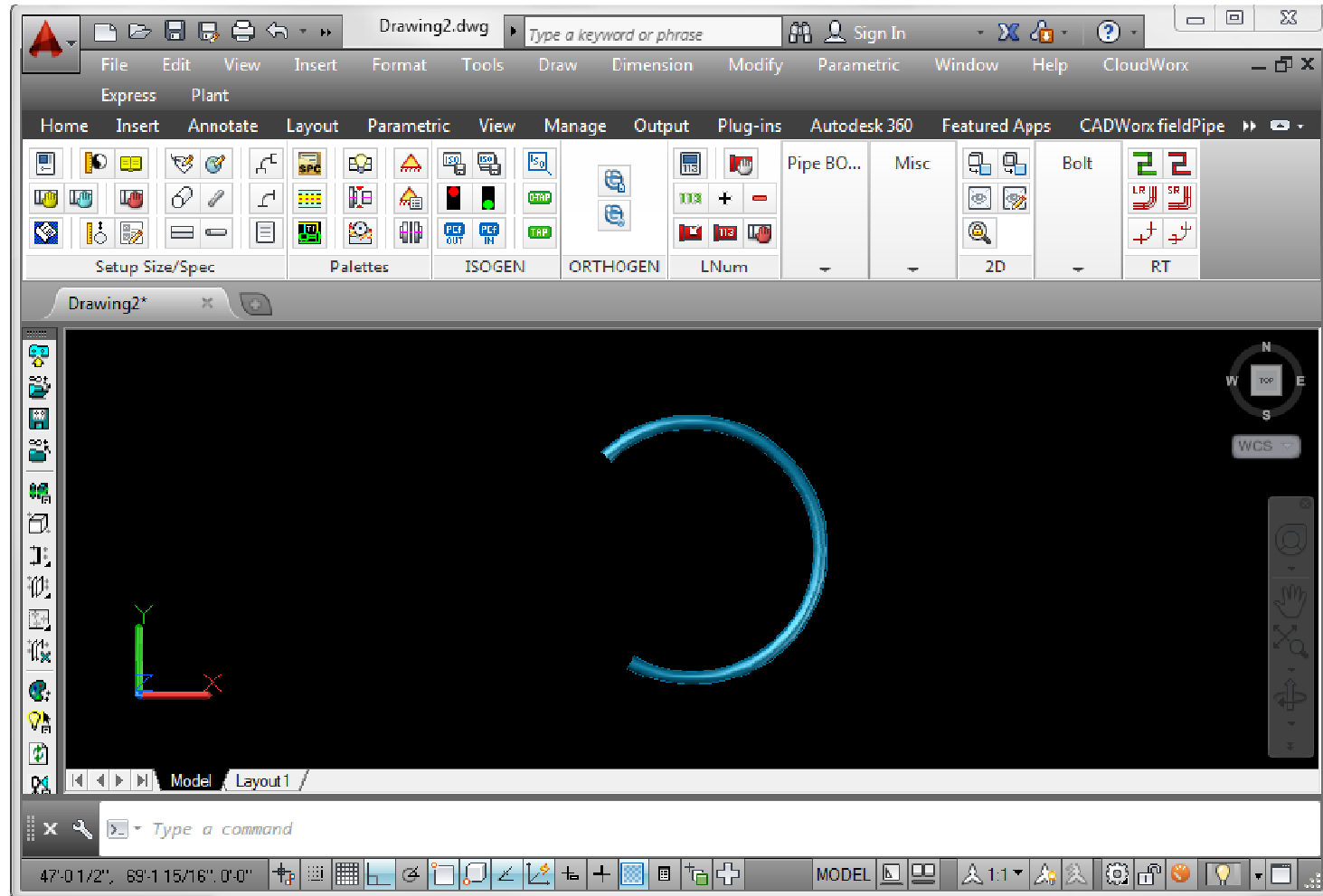
Support for Curved Pipe on IGO/IGB
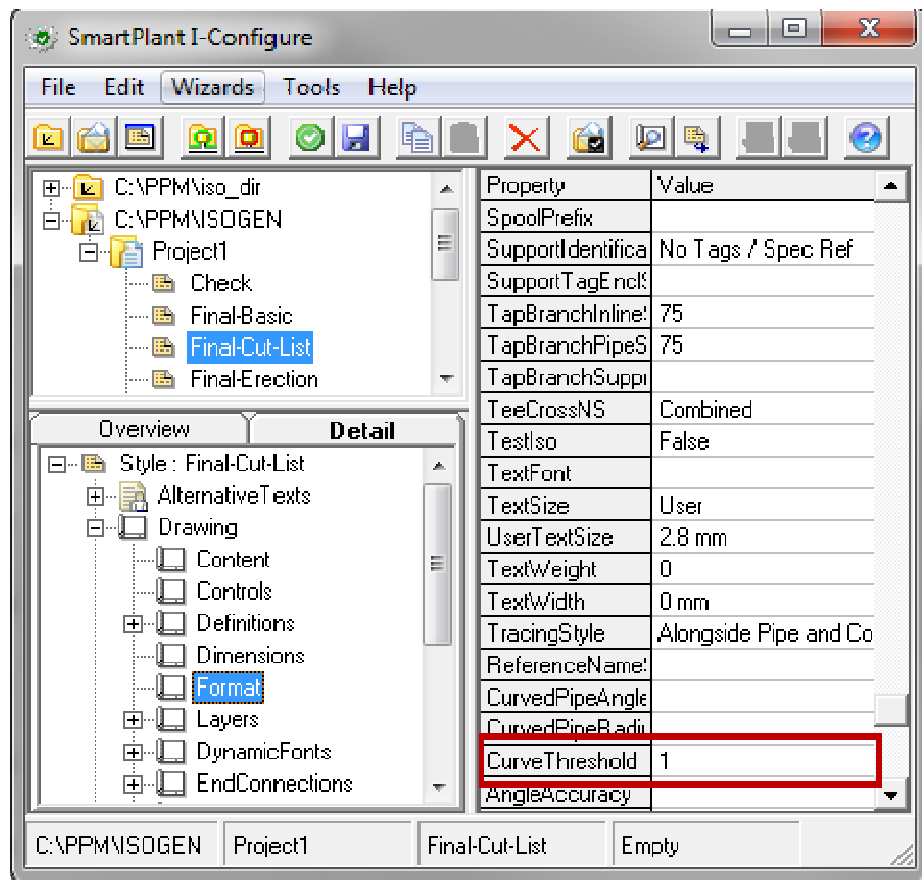
Support for Curved Pipe on IGO/IGB

Thank You

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