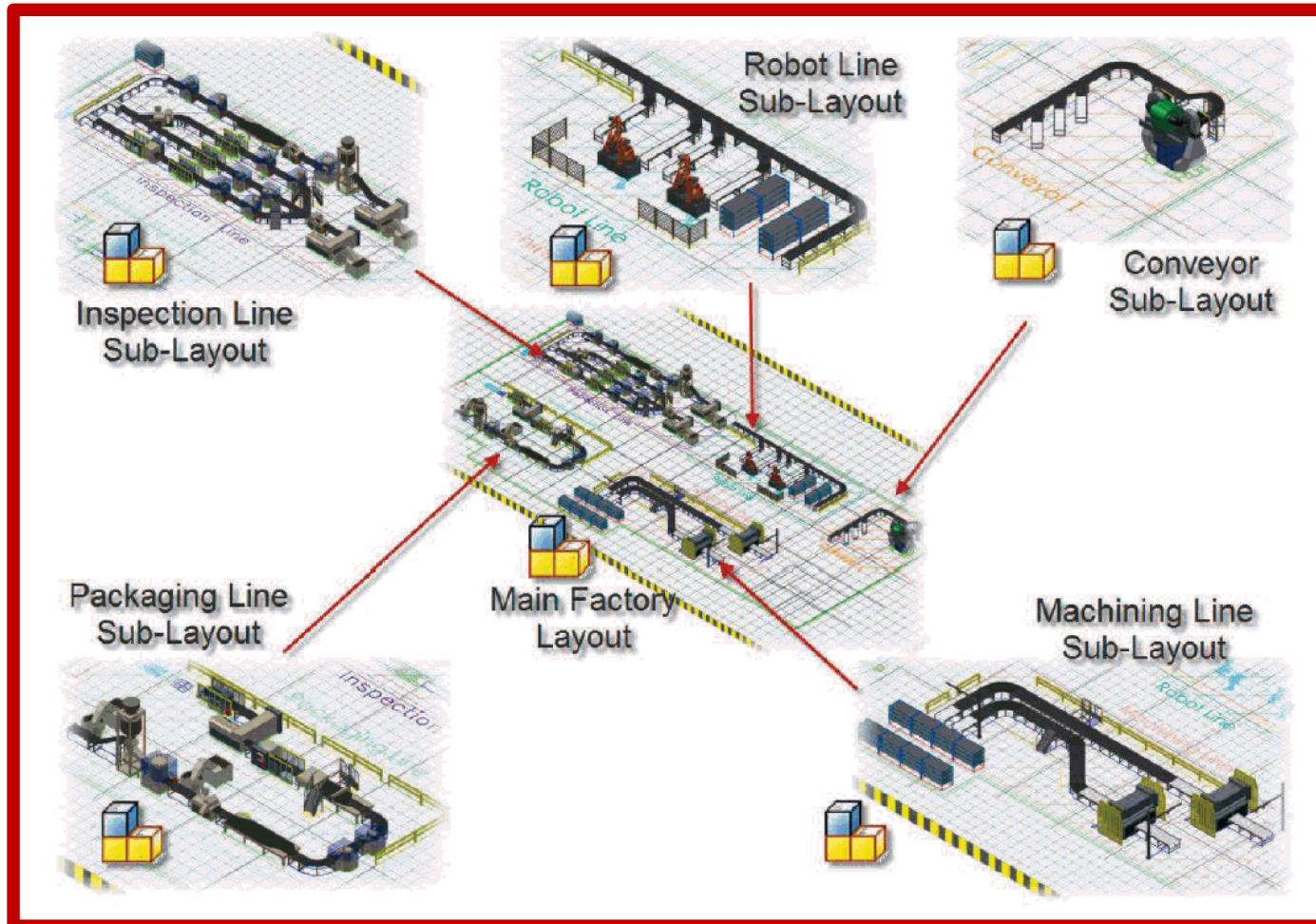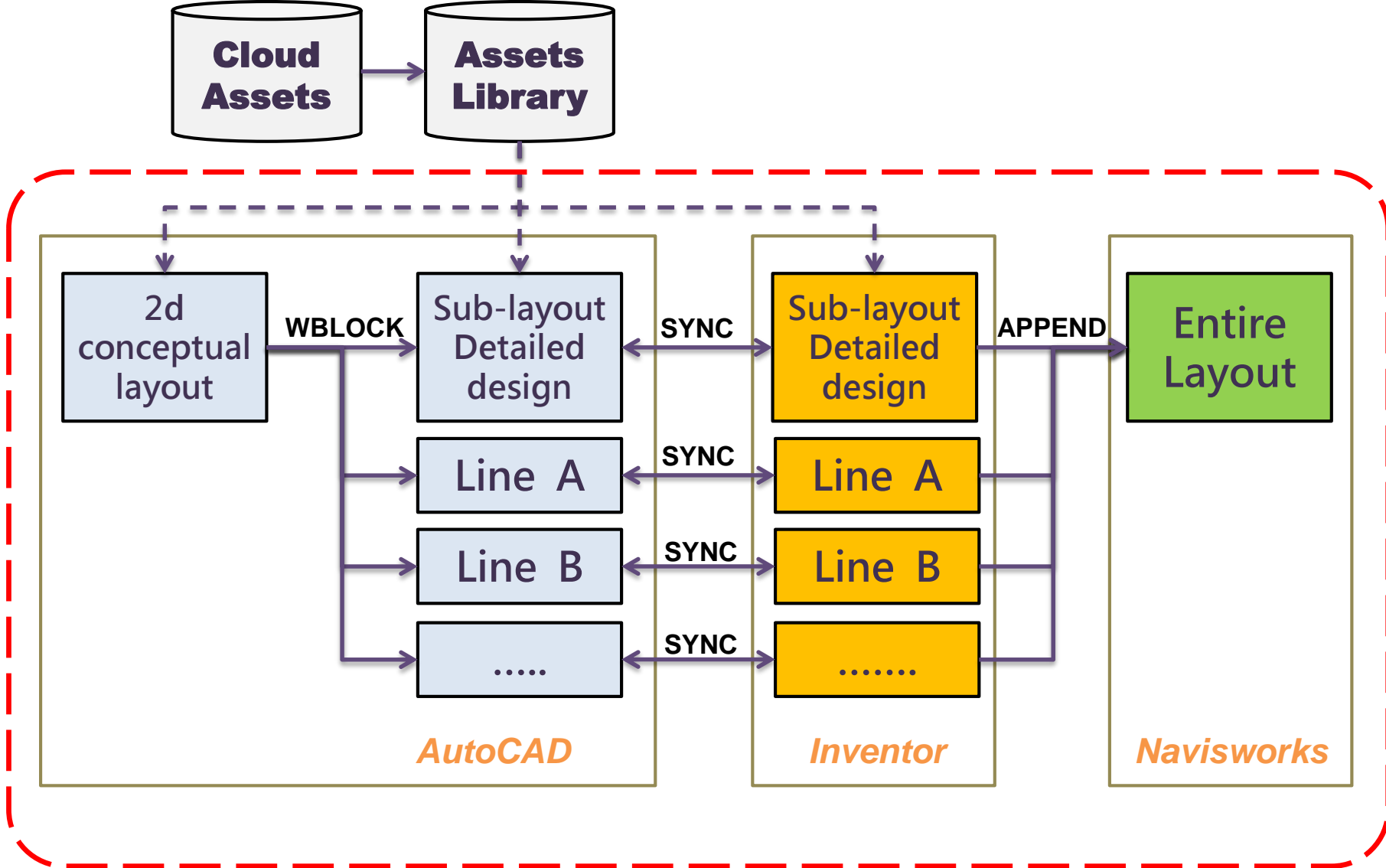# The Workflow To Large Production Line In FDS 2014

Xuesong Bai
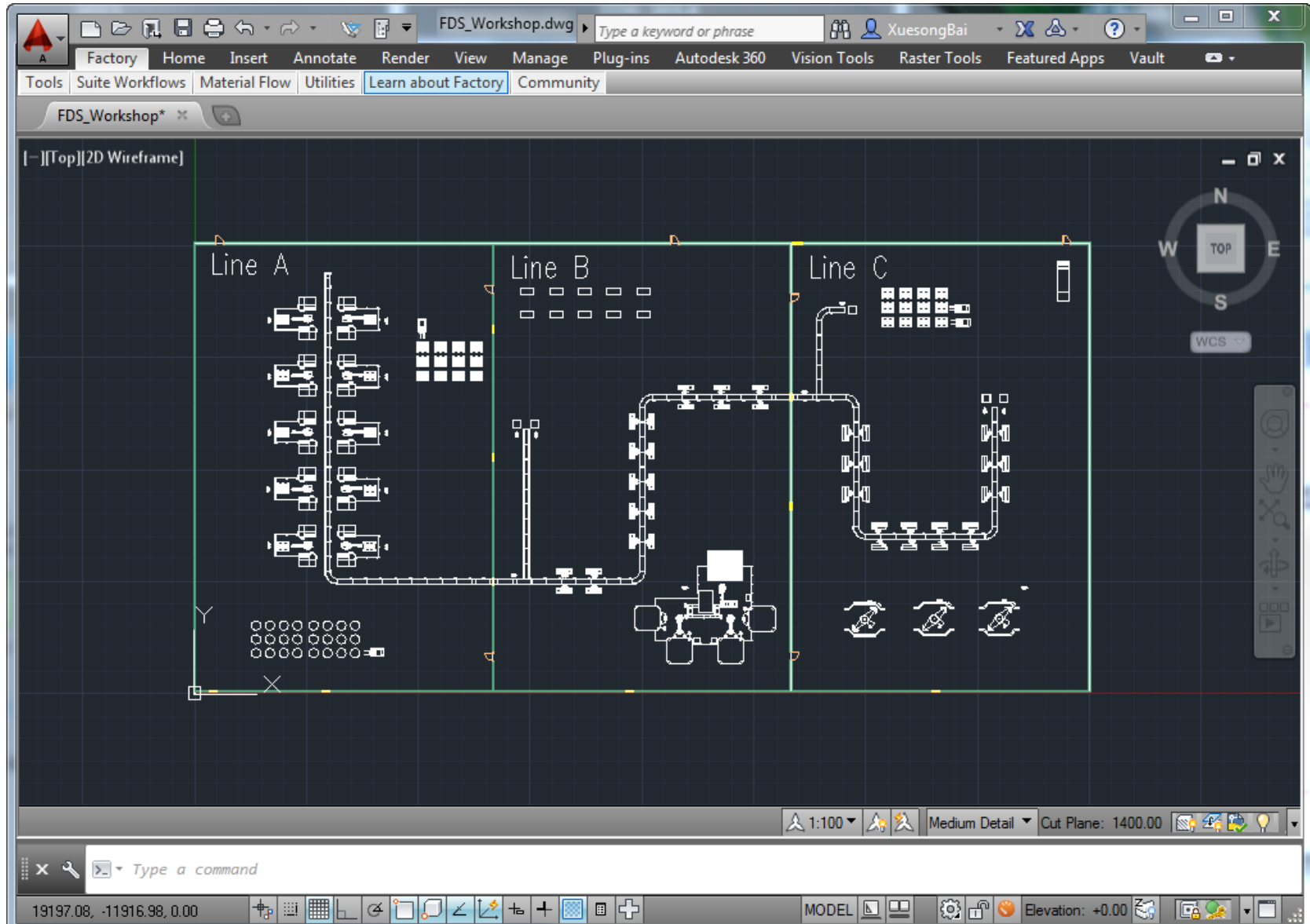
Goal: Synchronous design, split line, reduction of project time

# FDS 2014 workflow of synchronous design for large production line

Cloud Assets → Assets Library

AutoCAD
- 2d conceptual layout
- Sub-layout Detailed design
- Line A
- Line B
- .....

Inventor
- Sub-layout Detailed design
- Line A
- Line B
- ....

Navisworks
- Entire Layout

WBLOCK

SYNC

APPEND

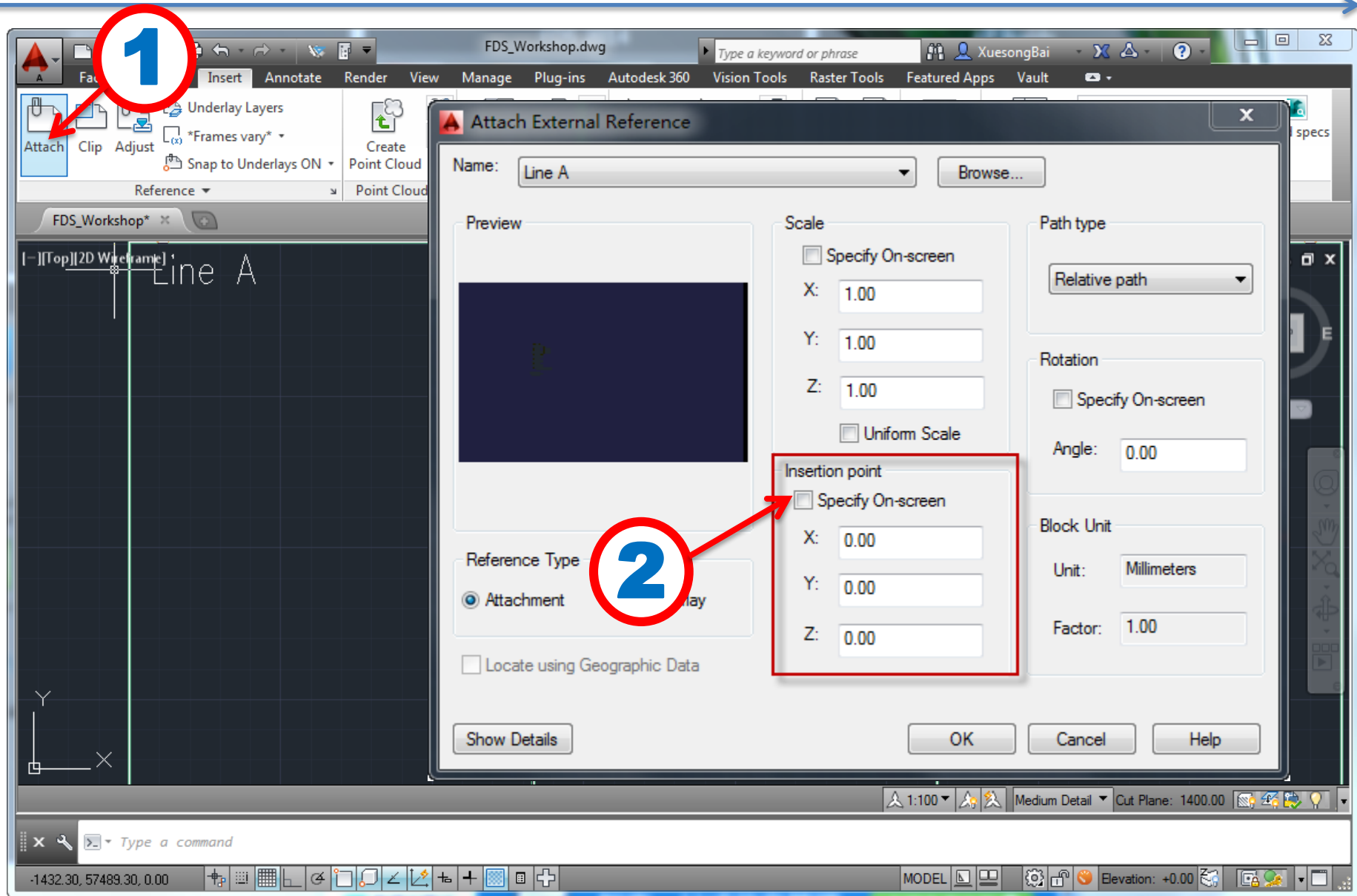# Step 1:Site planning and conceptual 2d layout design by chief engineer

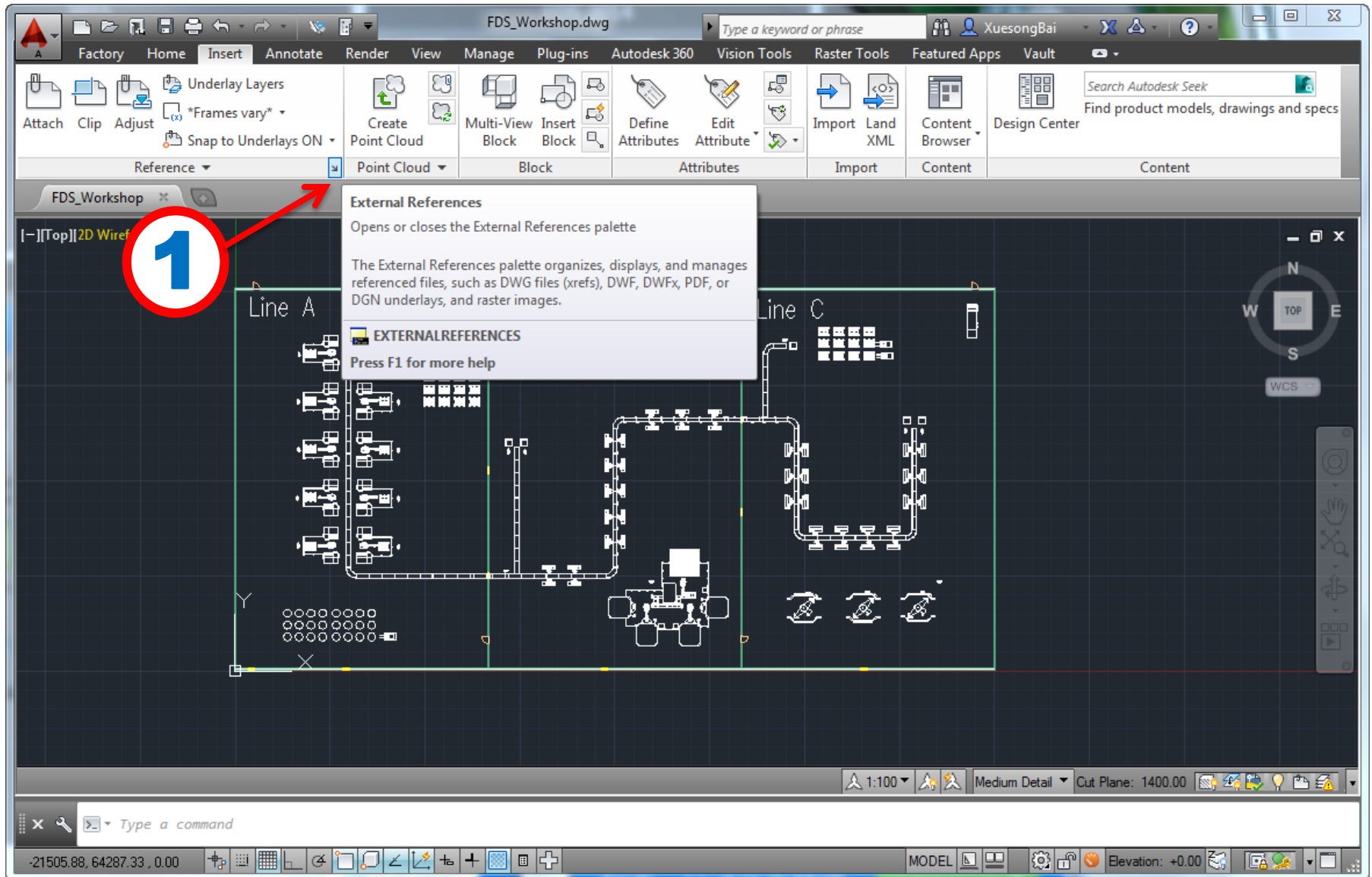# Step 2: Split the production line with WBLOCK command
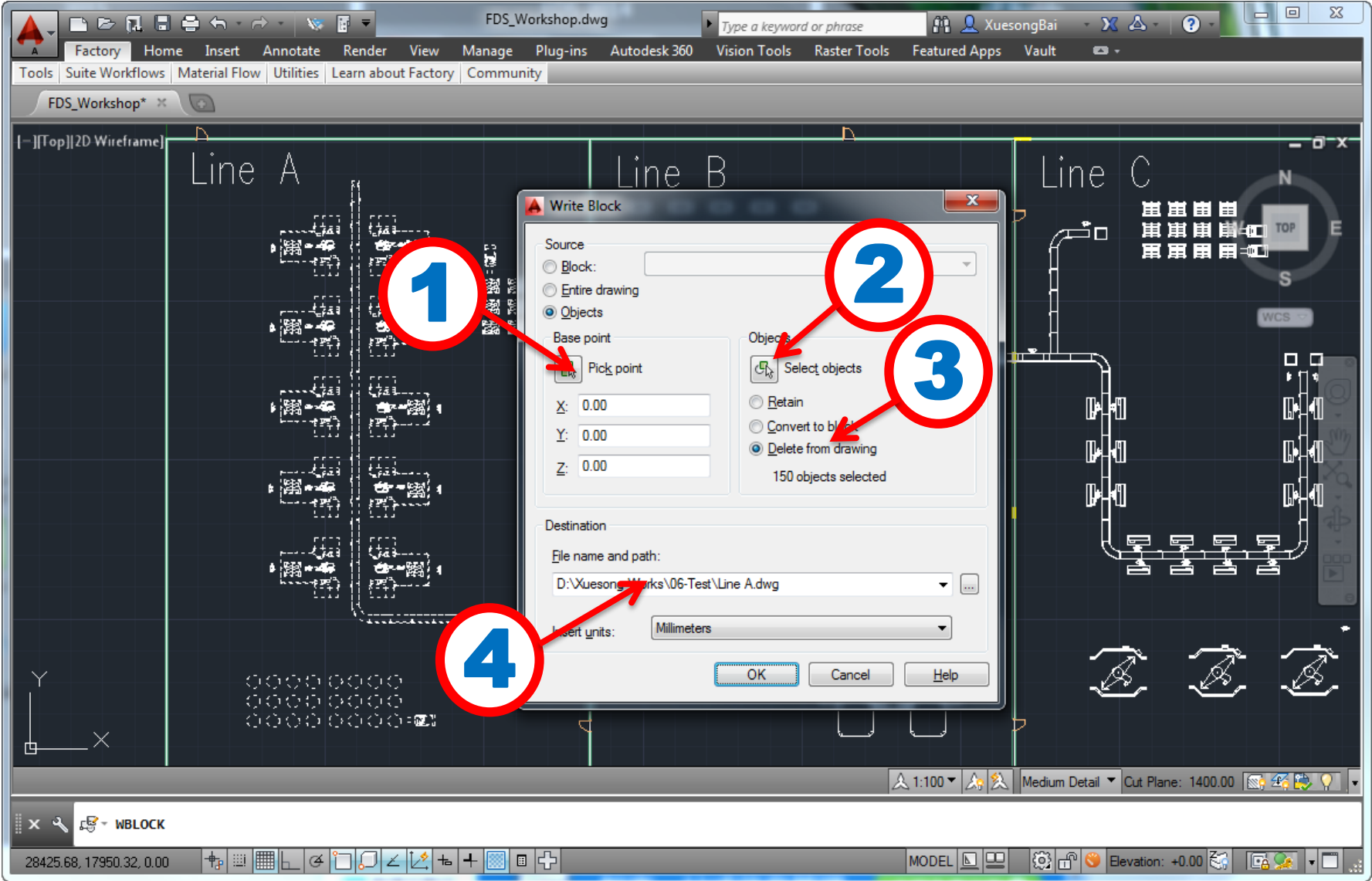
※※※ **Following step 1,2,3,4 for the each sub-layout**

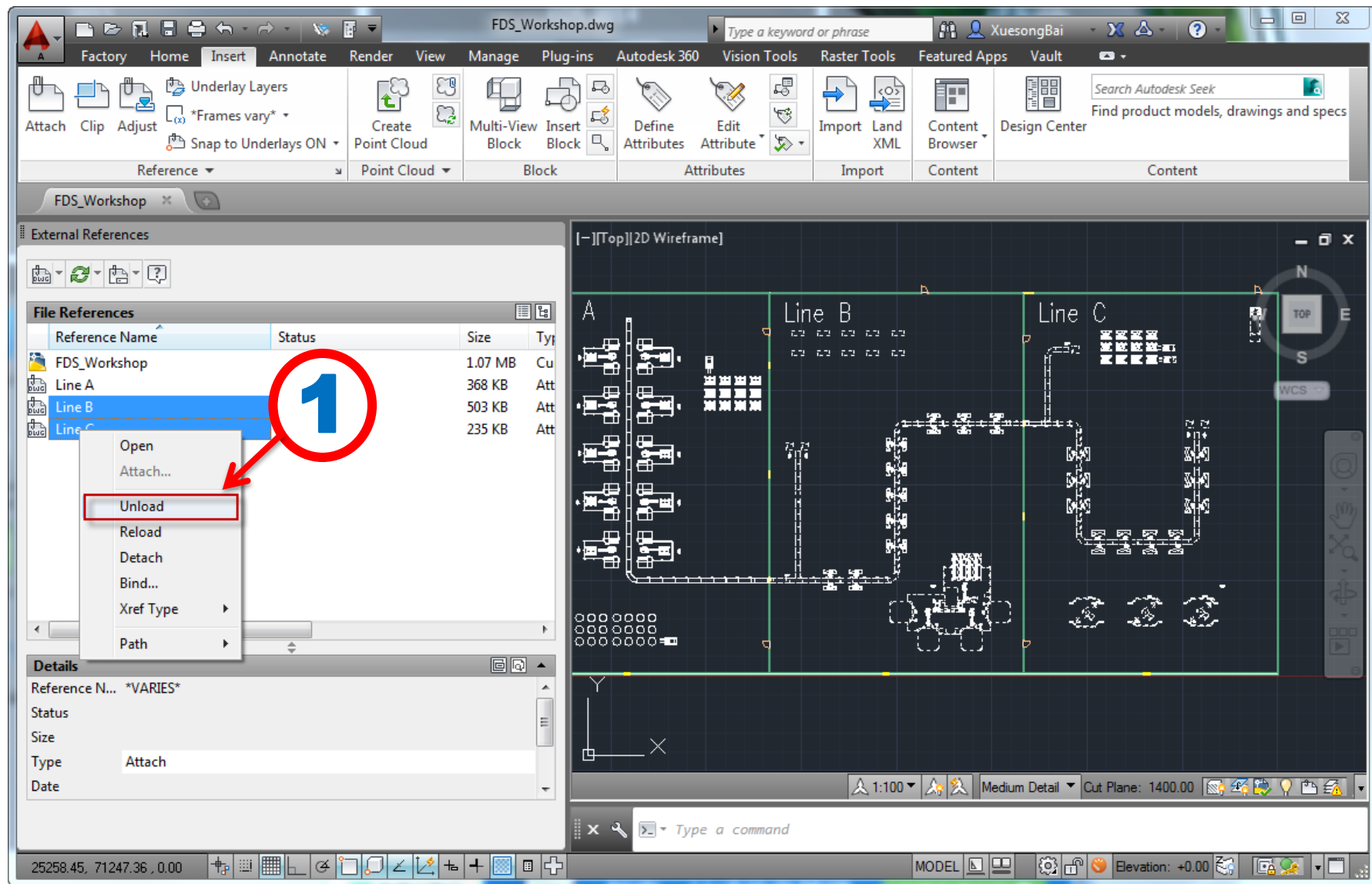# Step 3:Attach the sub-layout back to top layout

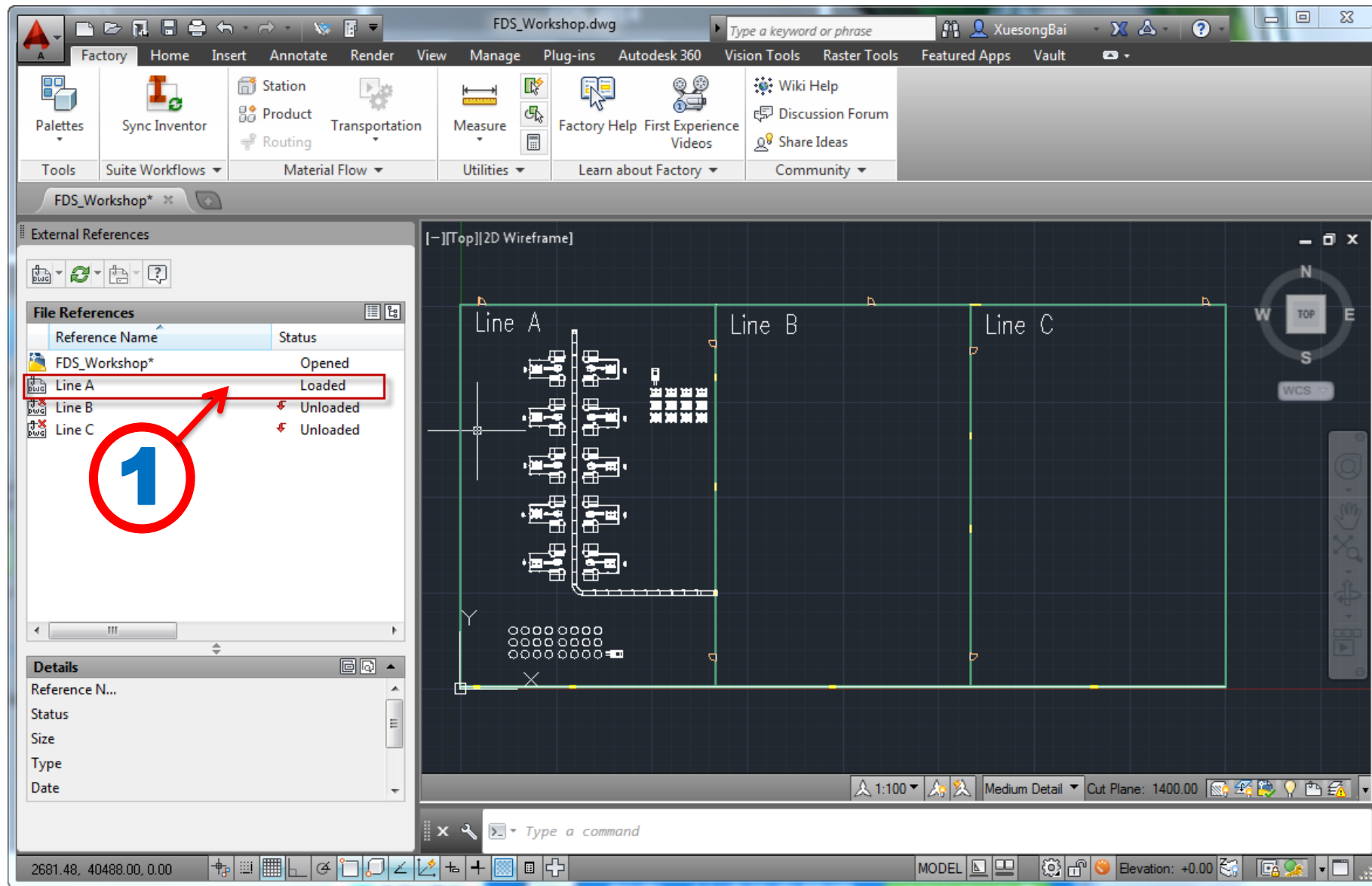Uncheck "Specific On-screen", the original location will be same.

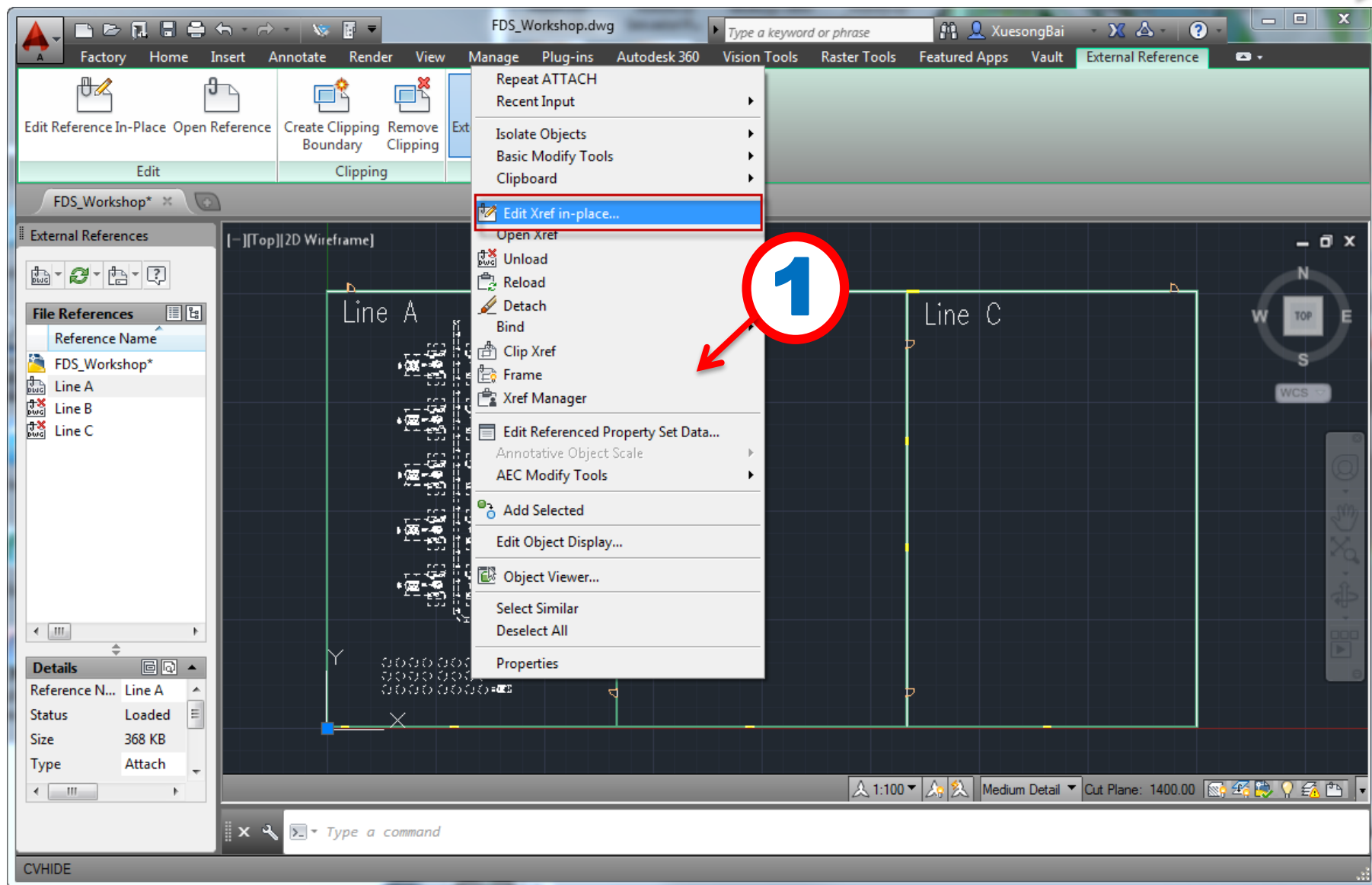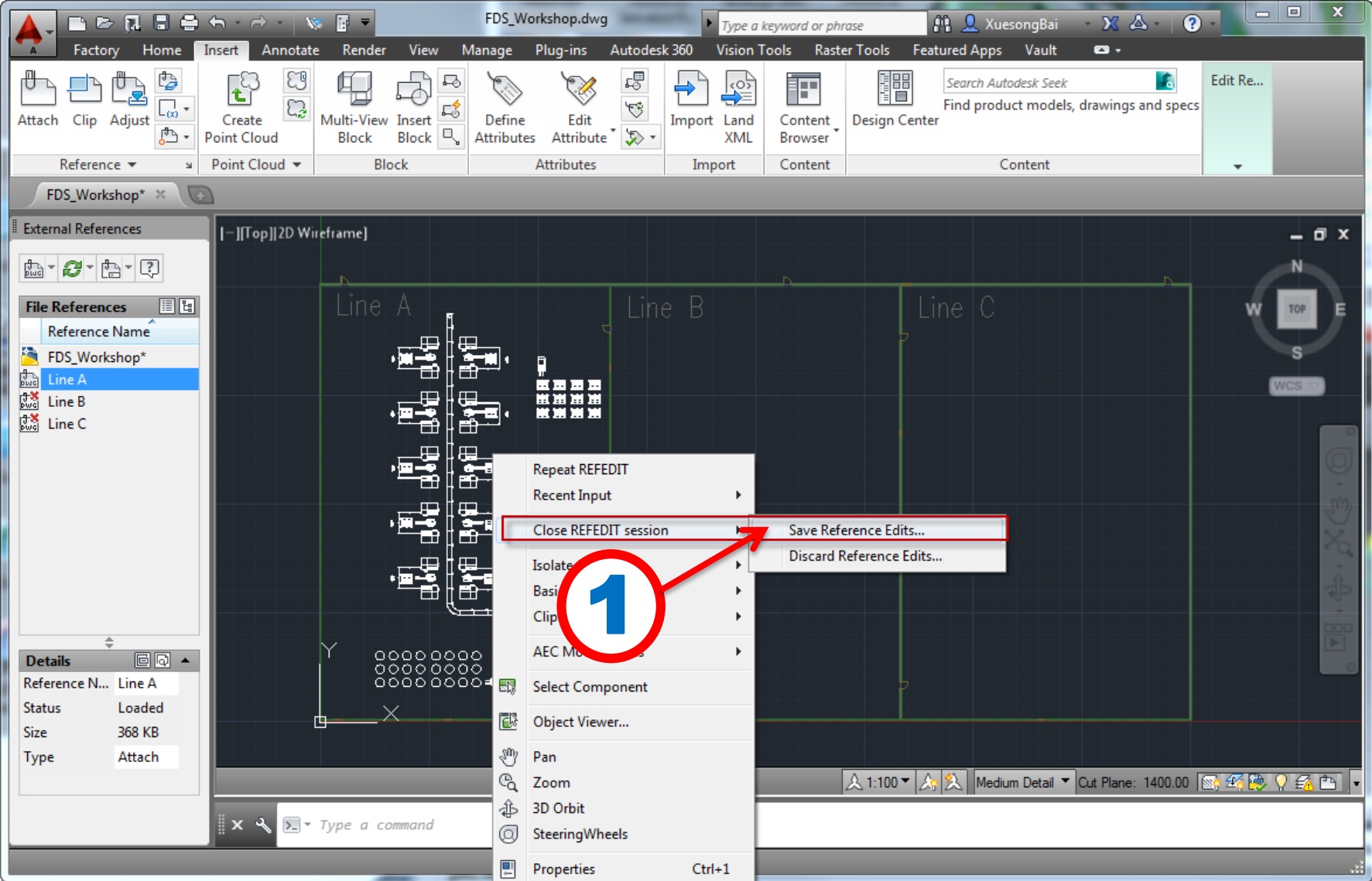# Step 4: Display and manage referenced files by XREF command

Step 5: Unload sub-layout
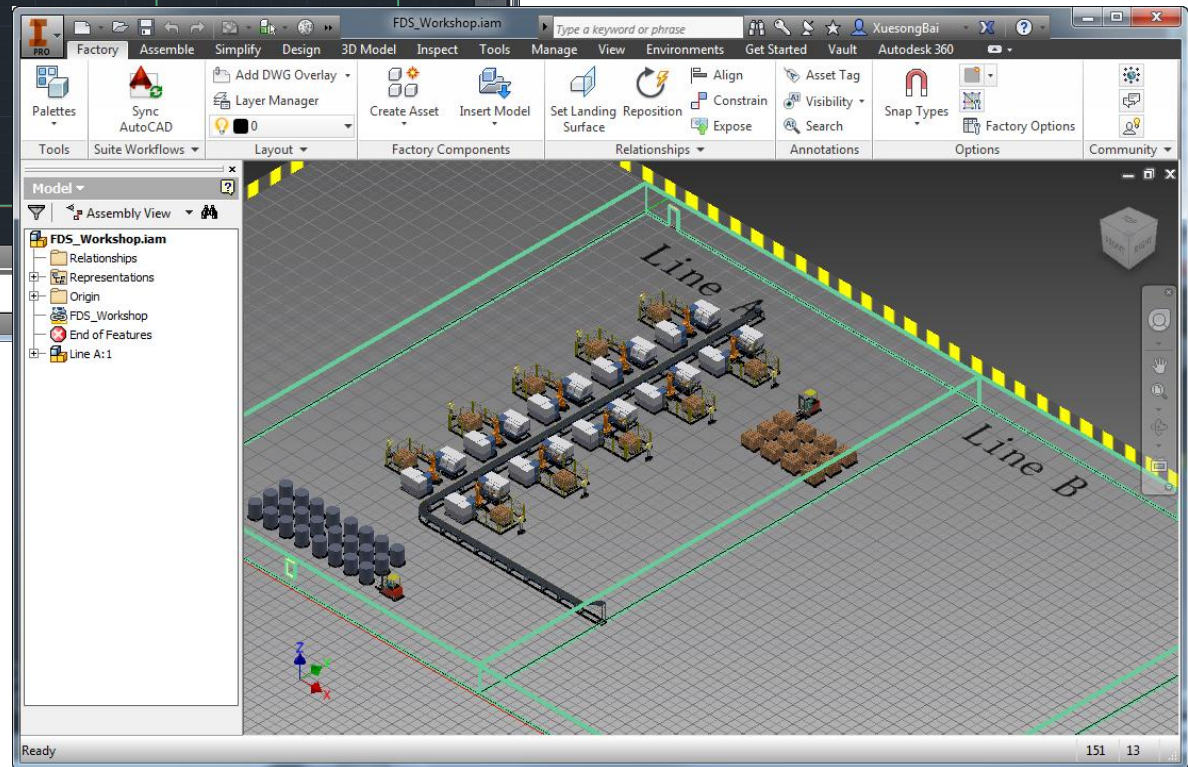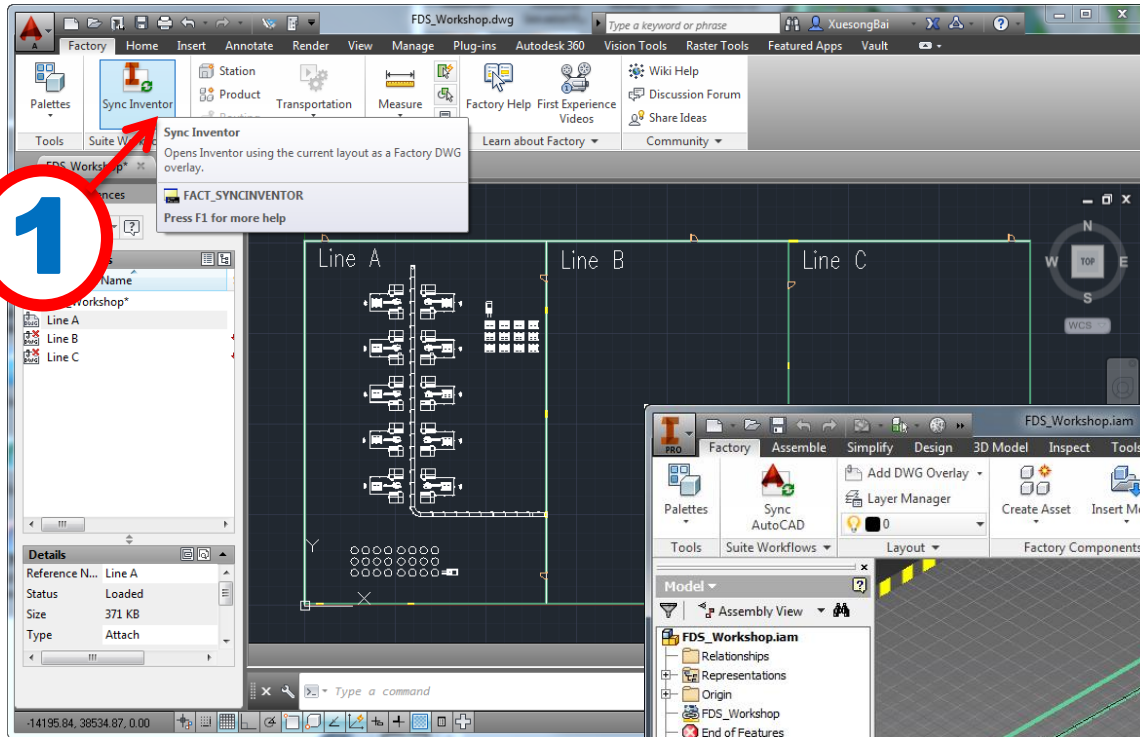
Step 6 : Retain only the ongoing sub-layout

Step 7 : Select "Edit Xref in-place" command to continue to complete the detailed layout design

© 2013 Autodesk

Step 8: End the detailed layout design

Step 9 : Sync 2d/3d

① ※ Repeat step5-8 for the other sub-layouts

※ Repeat step5-9 for the other sub-layouts

Step 10 : Append All 2d/3d sub-layout into Navisworks
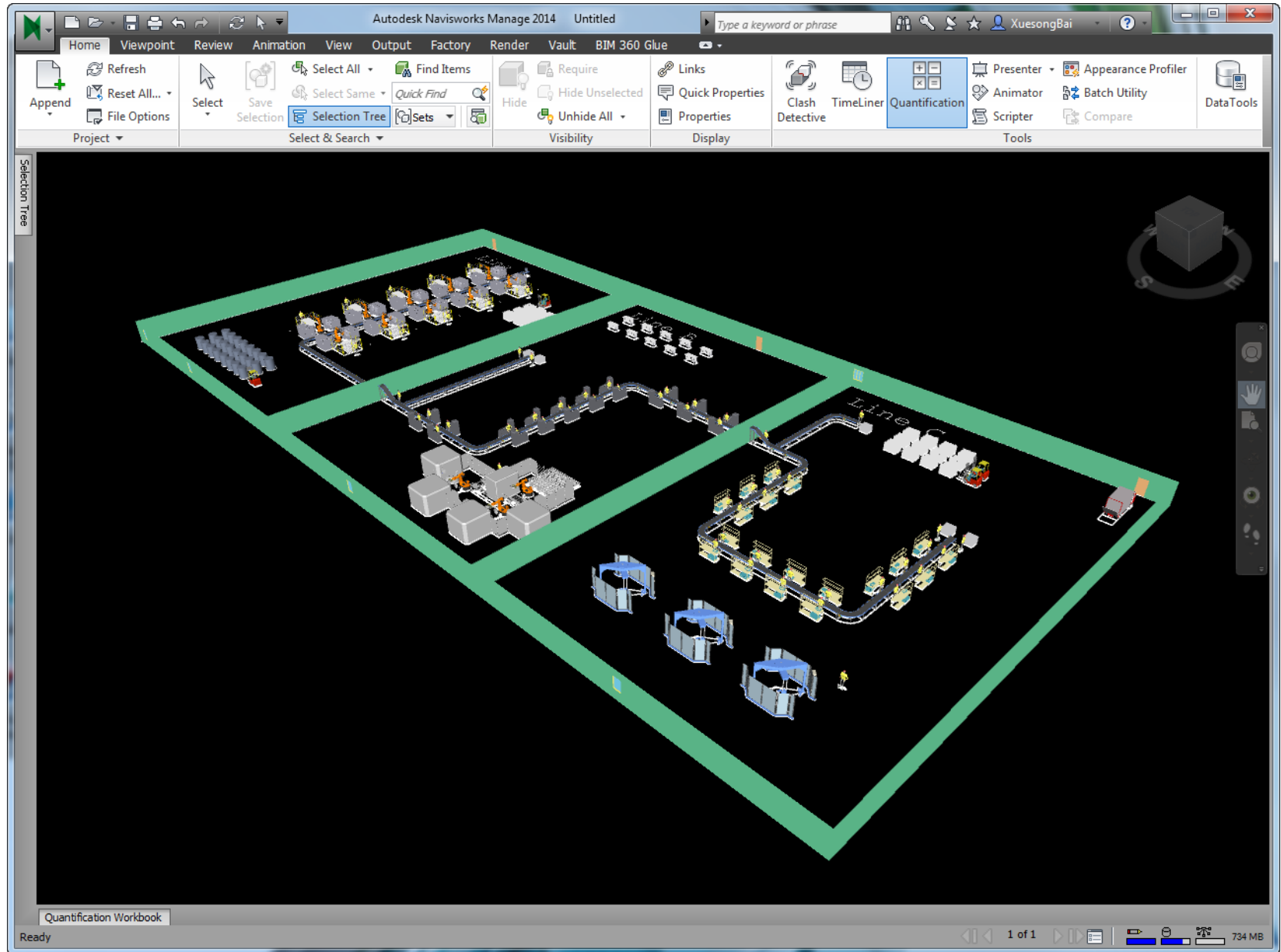
Thank You for the reading!