

AU LONDON 2019

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As Built? No Problem

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HANDS ON LAB



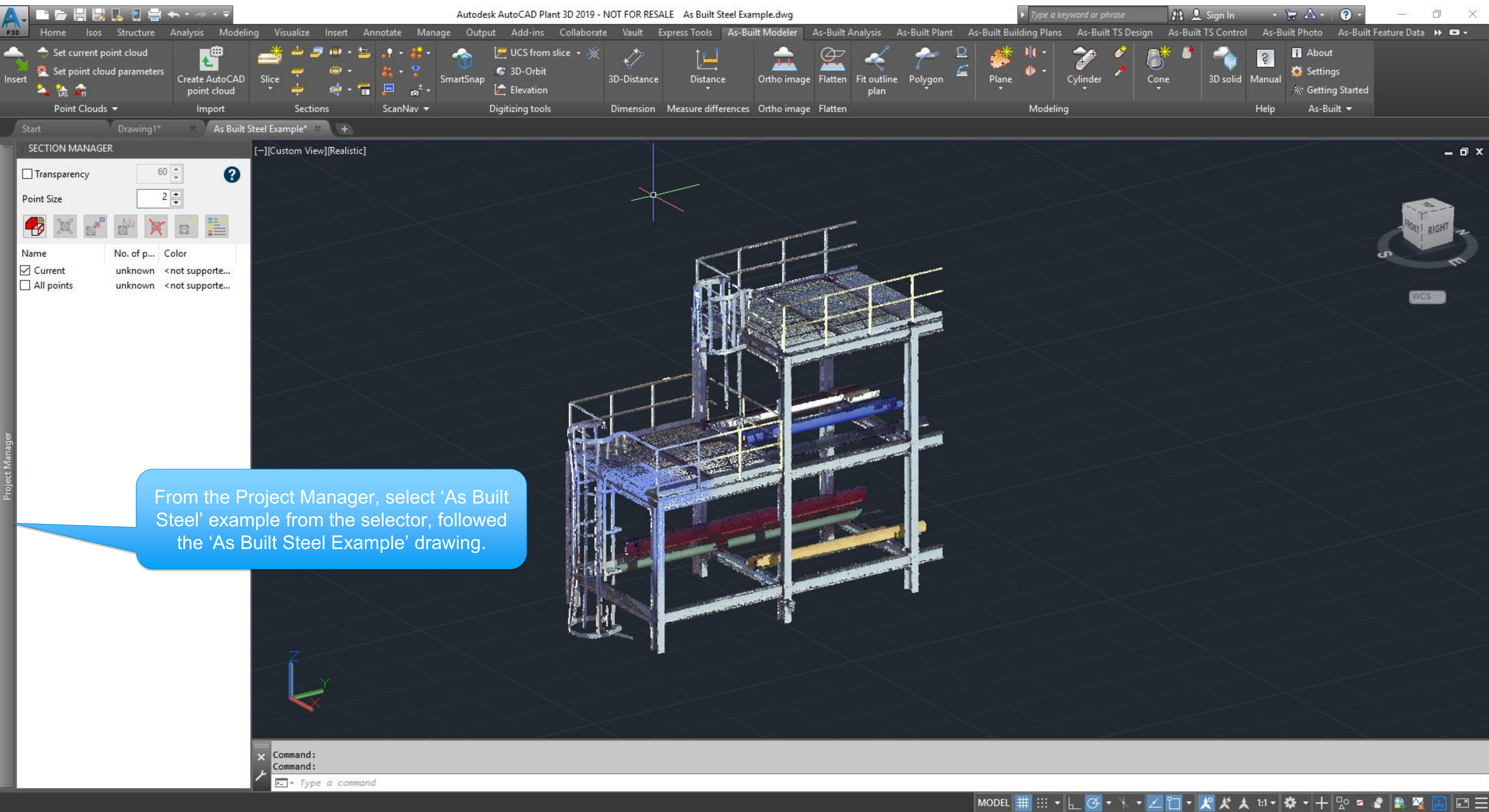
Section 1 - As Built Steelwork



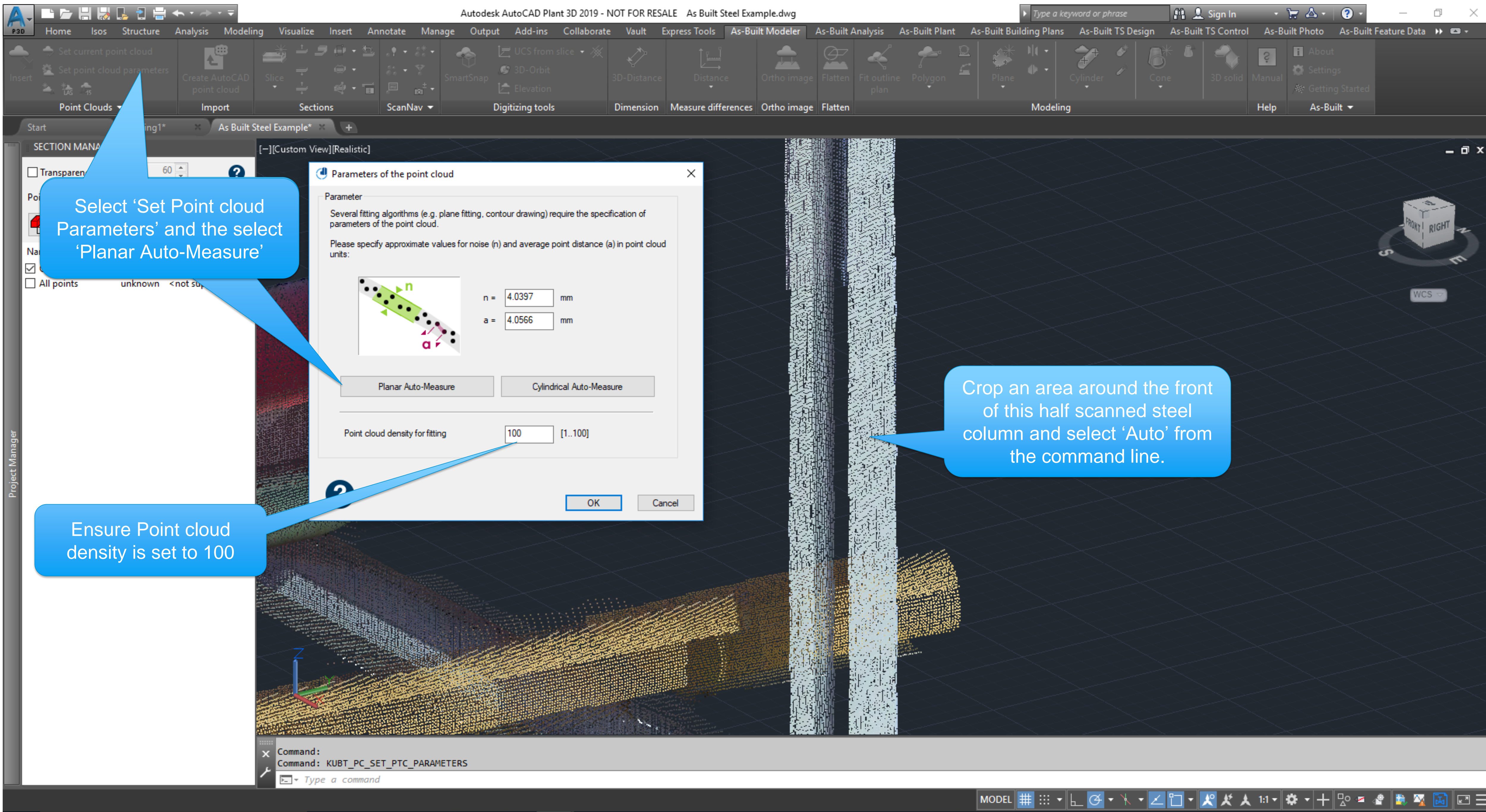
As Built - Steelwork

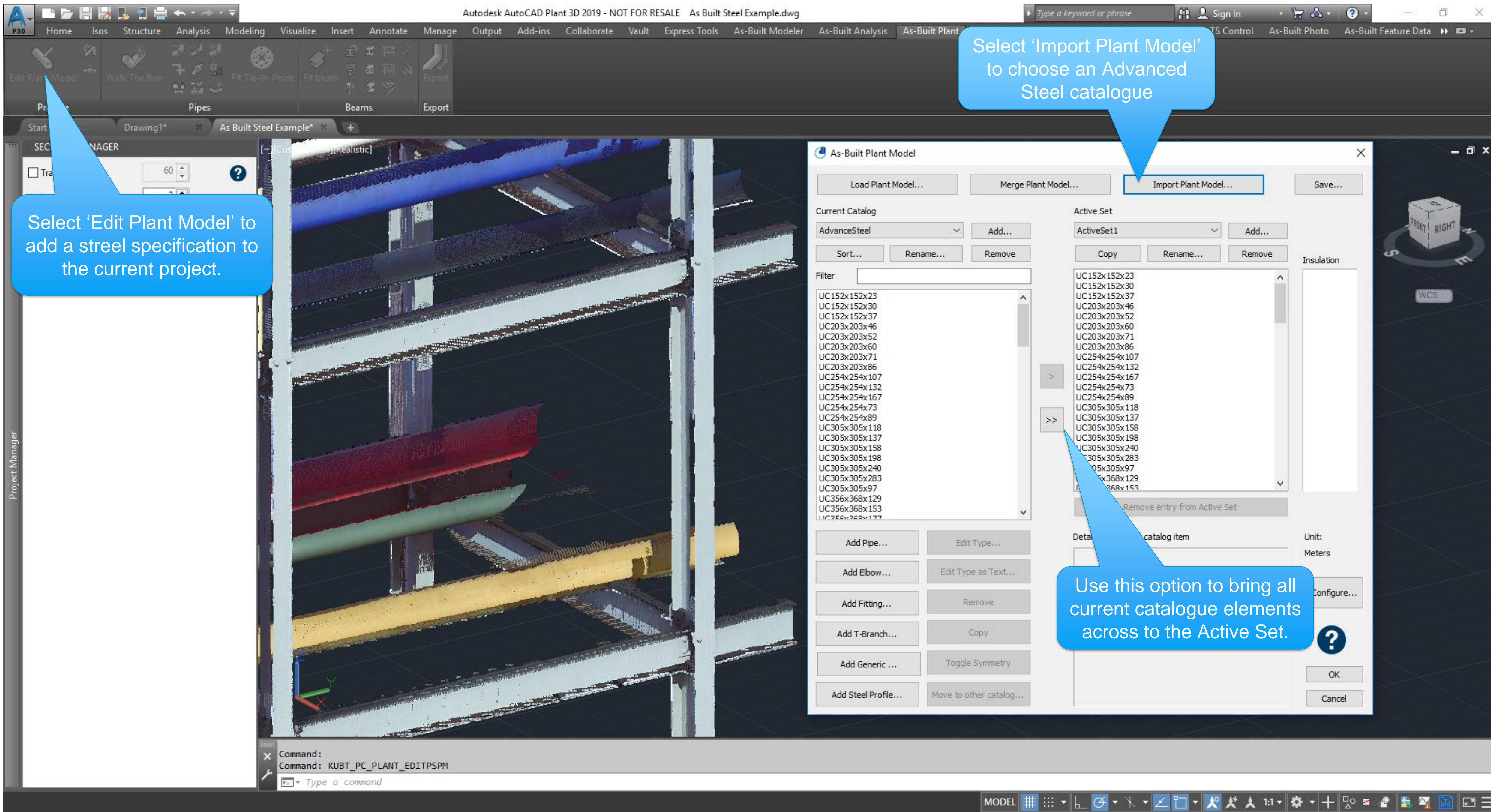
Key Learning Outcomes:

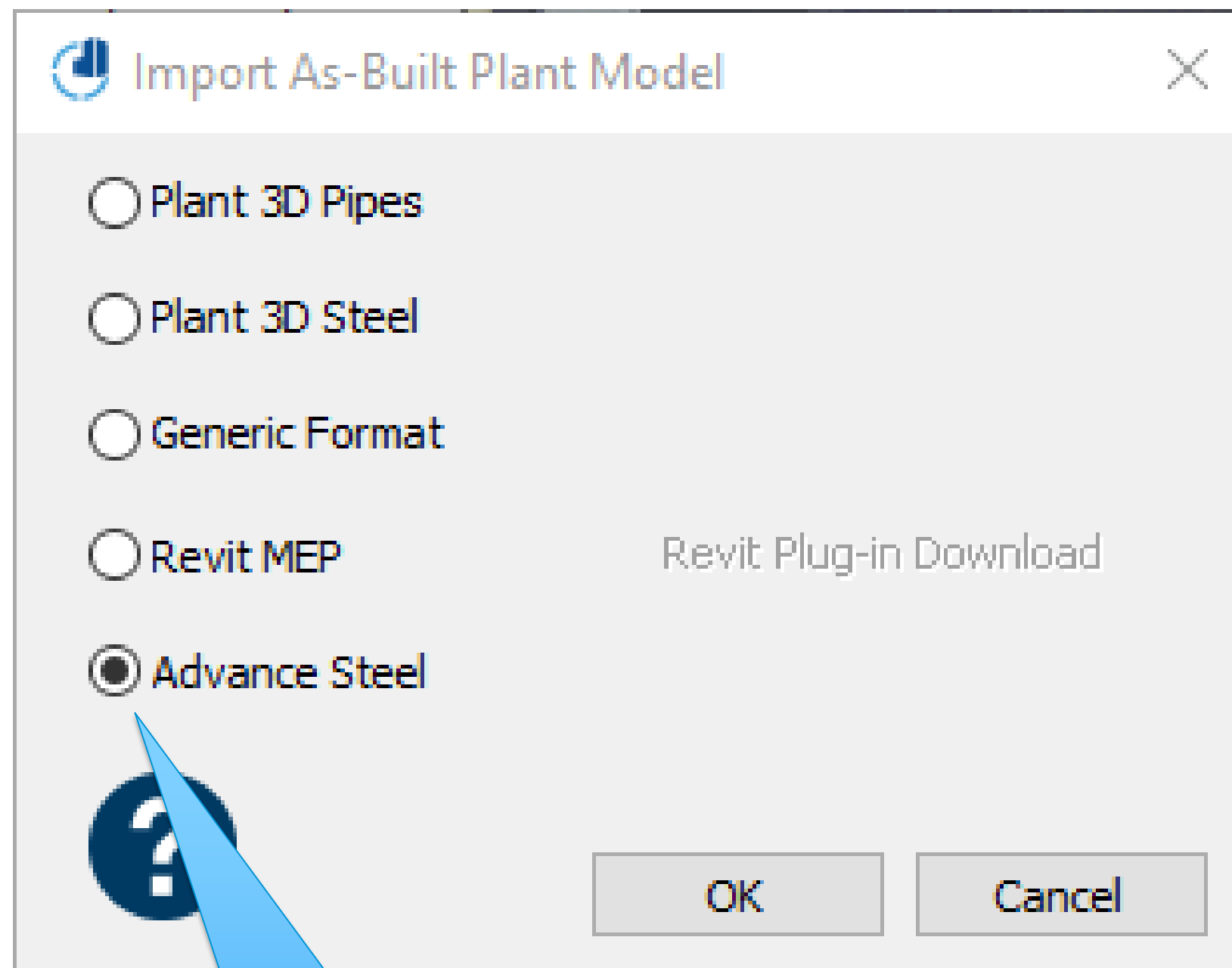
- Learn how to use the FARO As Built for AutoCAD tools to detect different sizes / types of steelwork from point clouds of existing site conditions, using Autodesk Advanced Steel catalogues.
- Learn how to best fit steelwork section profiles to a point cloud.
- Learn how to edit the inserted steelwork, extend / alter it's length individually or as a batch process.
- Learn how to export from AutoCAD or Plant3D and import in Advanced steel as native geometry for further downstream processing.



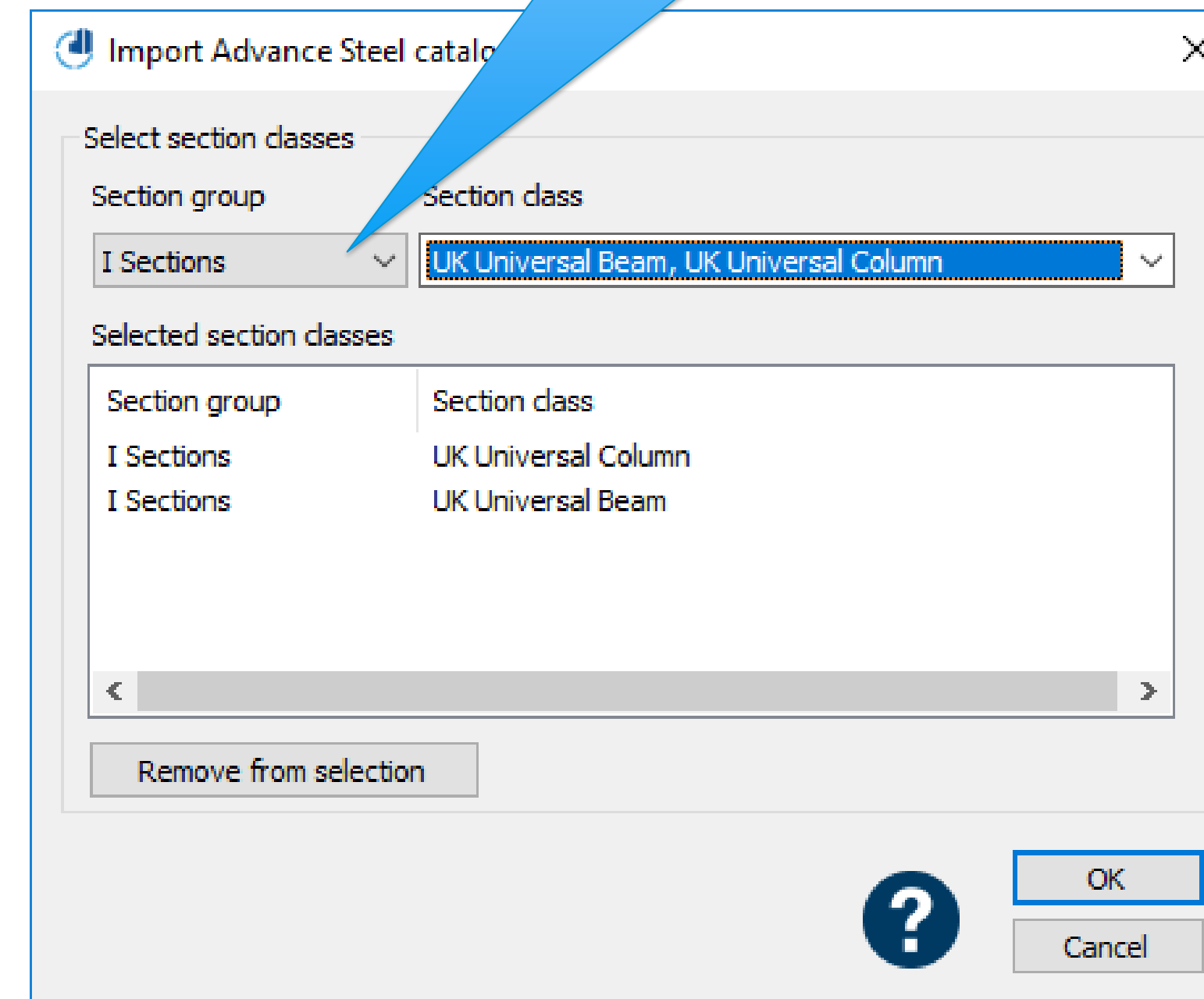
From the Project Manager, select 'As Built Steel' example from the selector, followed the 'As Built Steel Example' drawing.



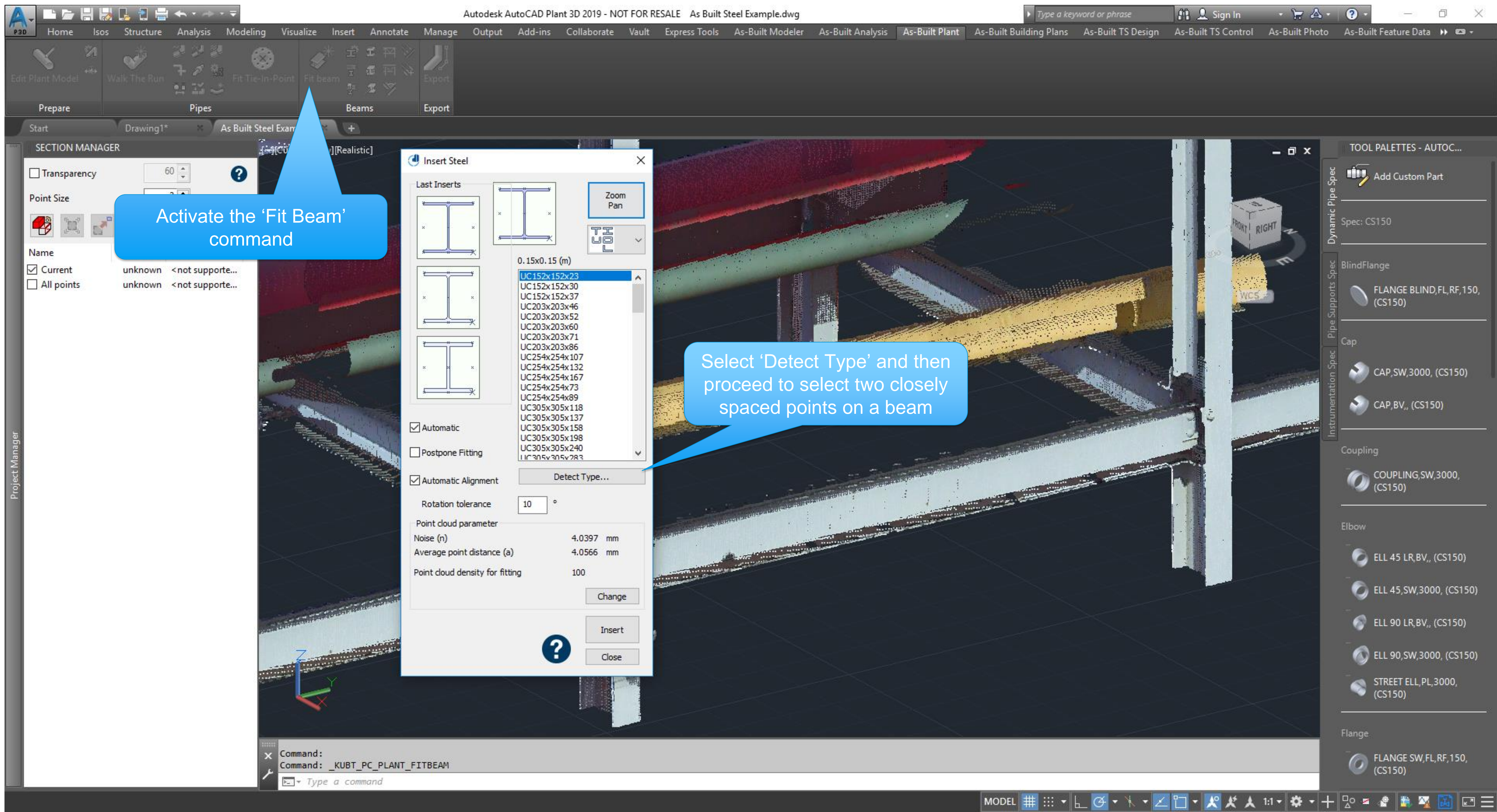




Select Advanced Steel from the options list.



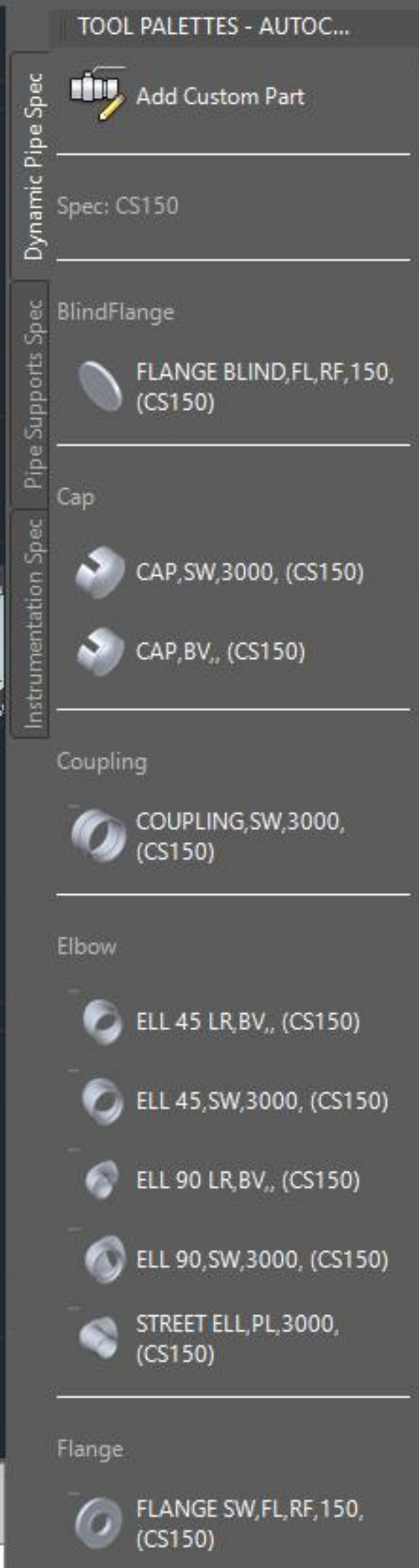
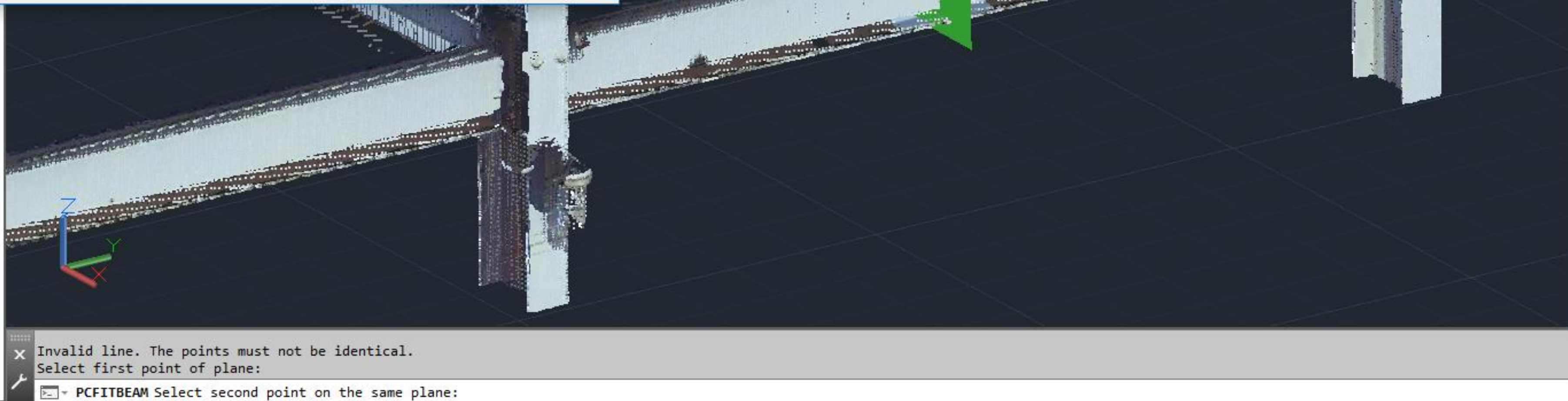
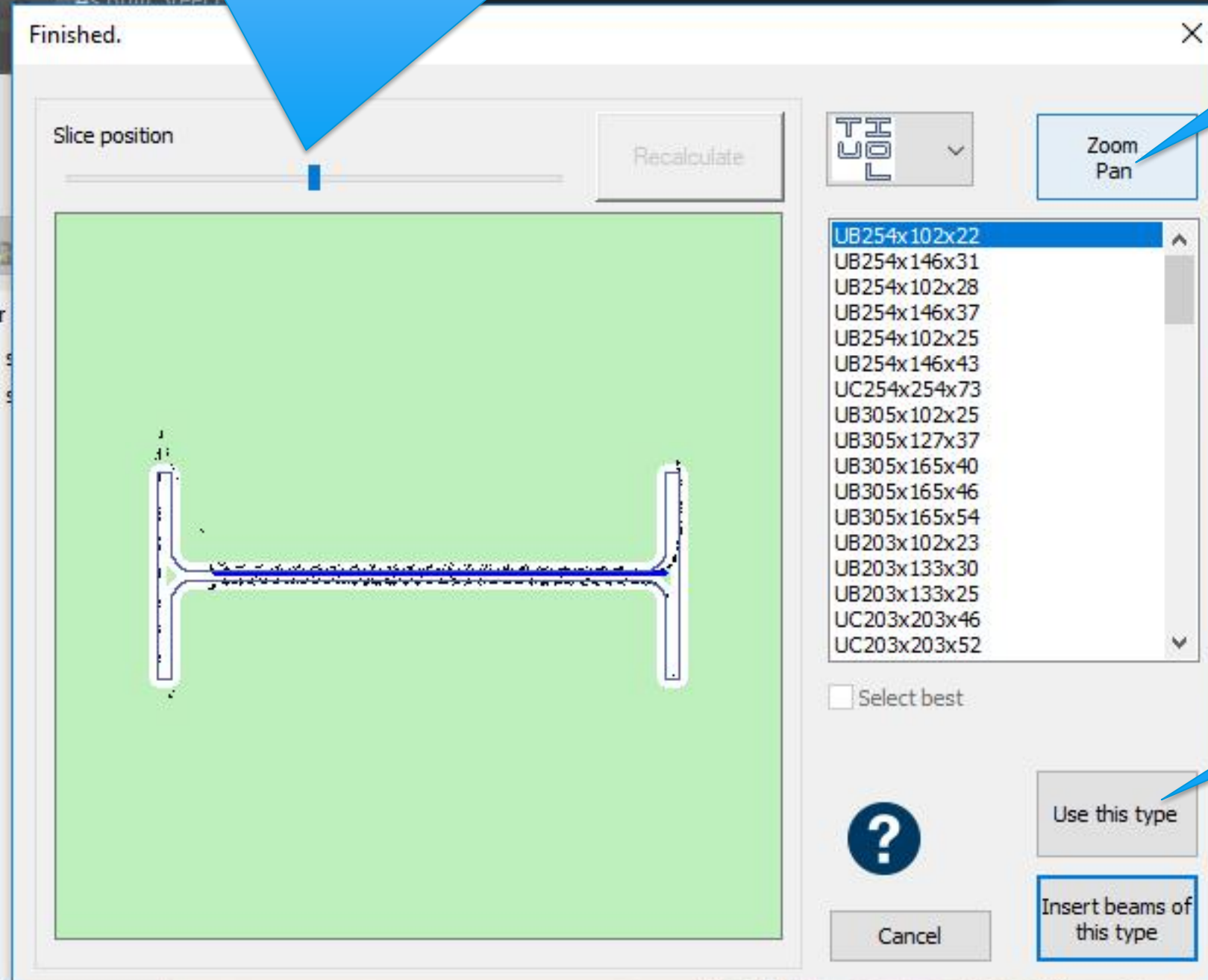
Navigate to the correct Section Group and Section Class, Multiple types can be selected

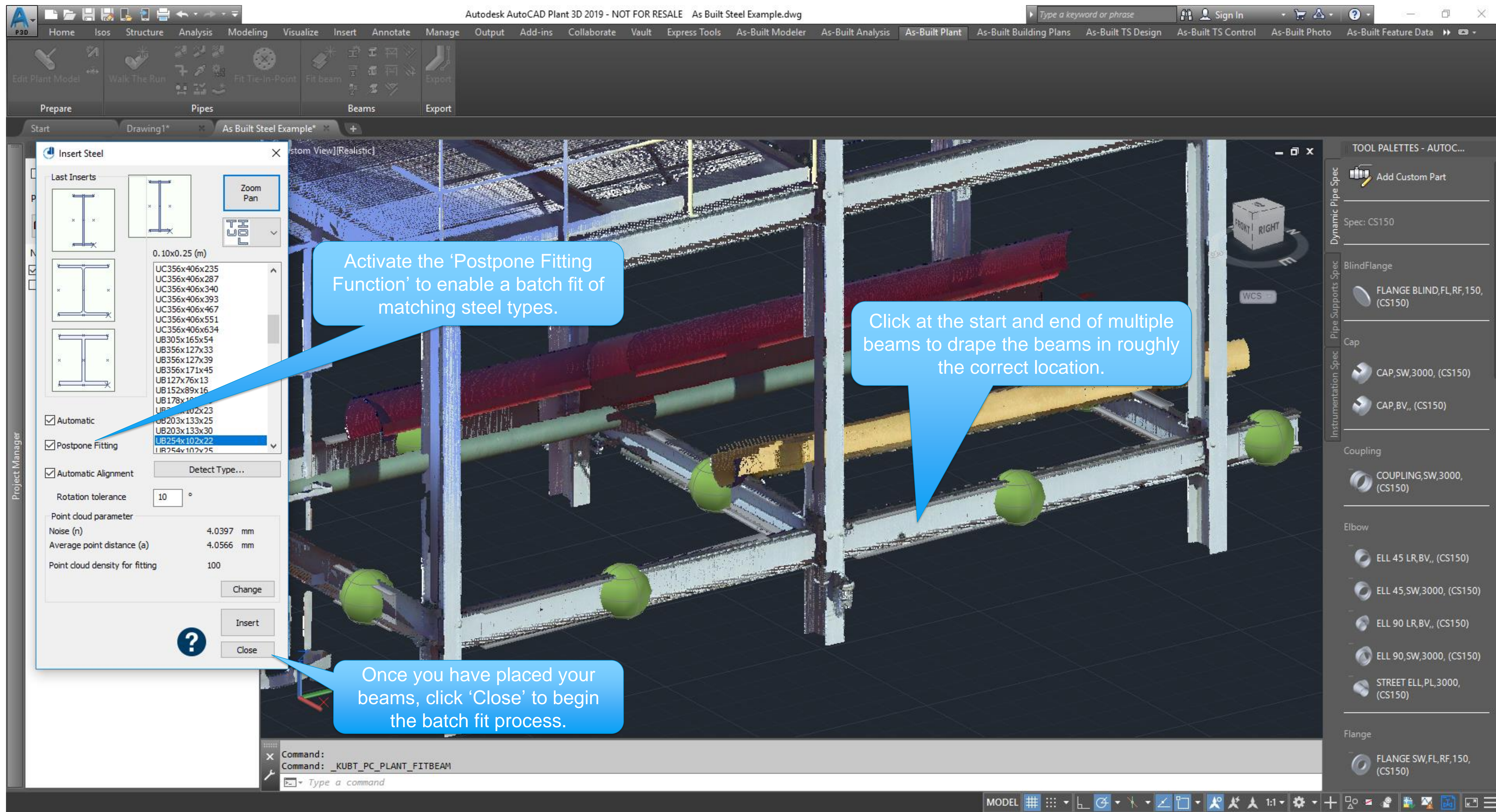


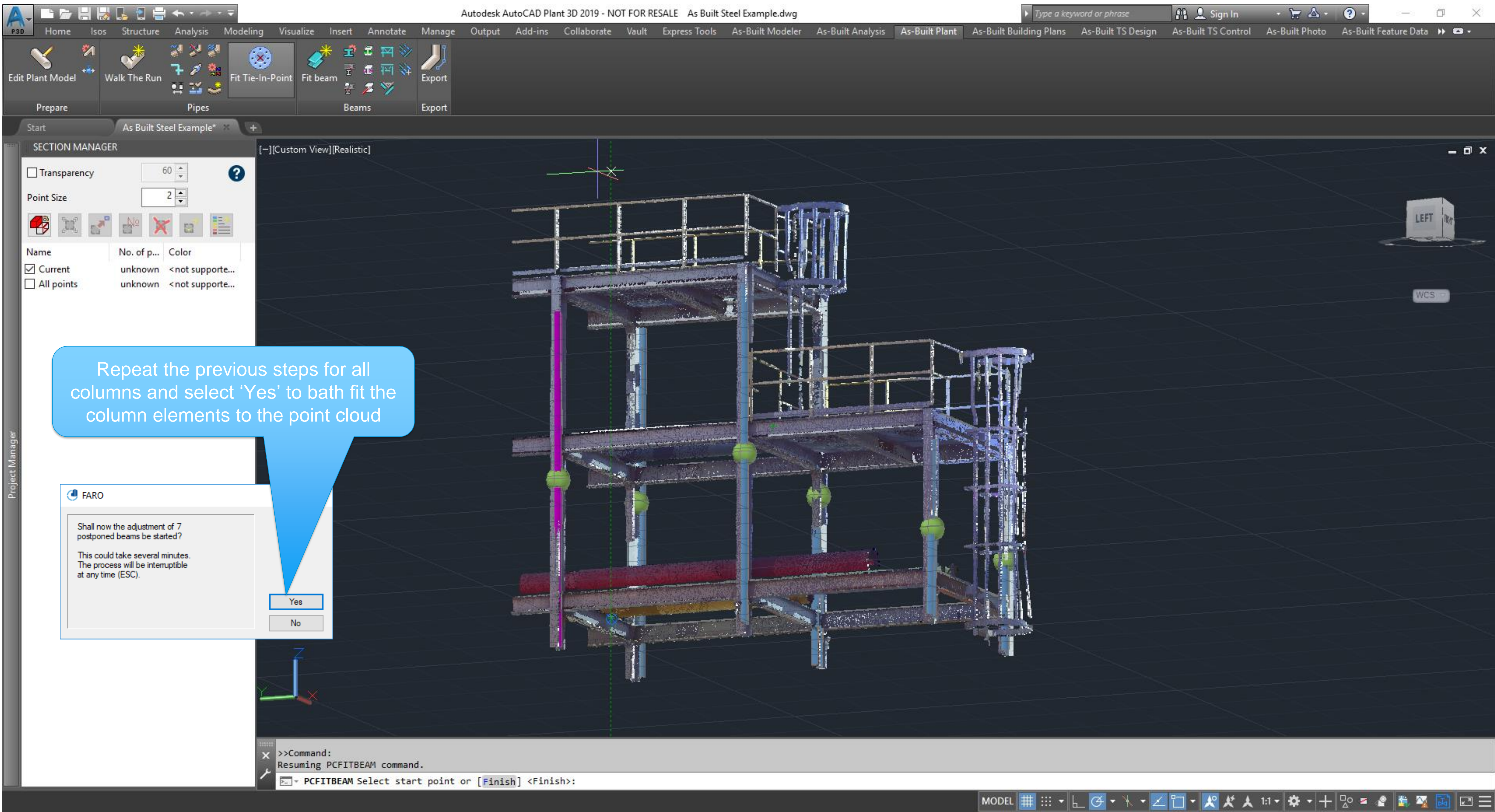
The slider bar will allow you to move the selection area along the beam, you can erased points in the window and 'Recalculate' at any point to re-run the detection process until you are satisfied with the result.

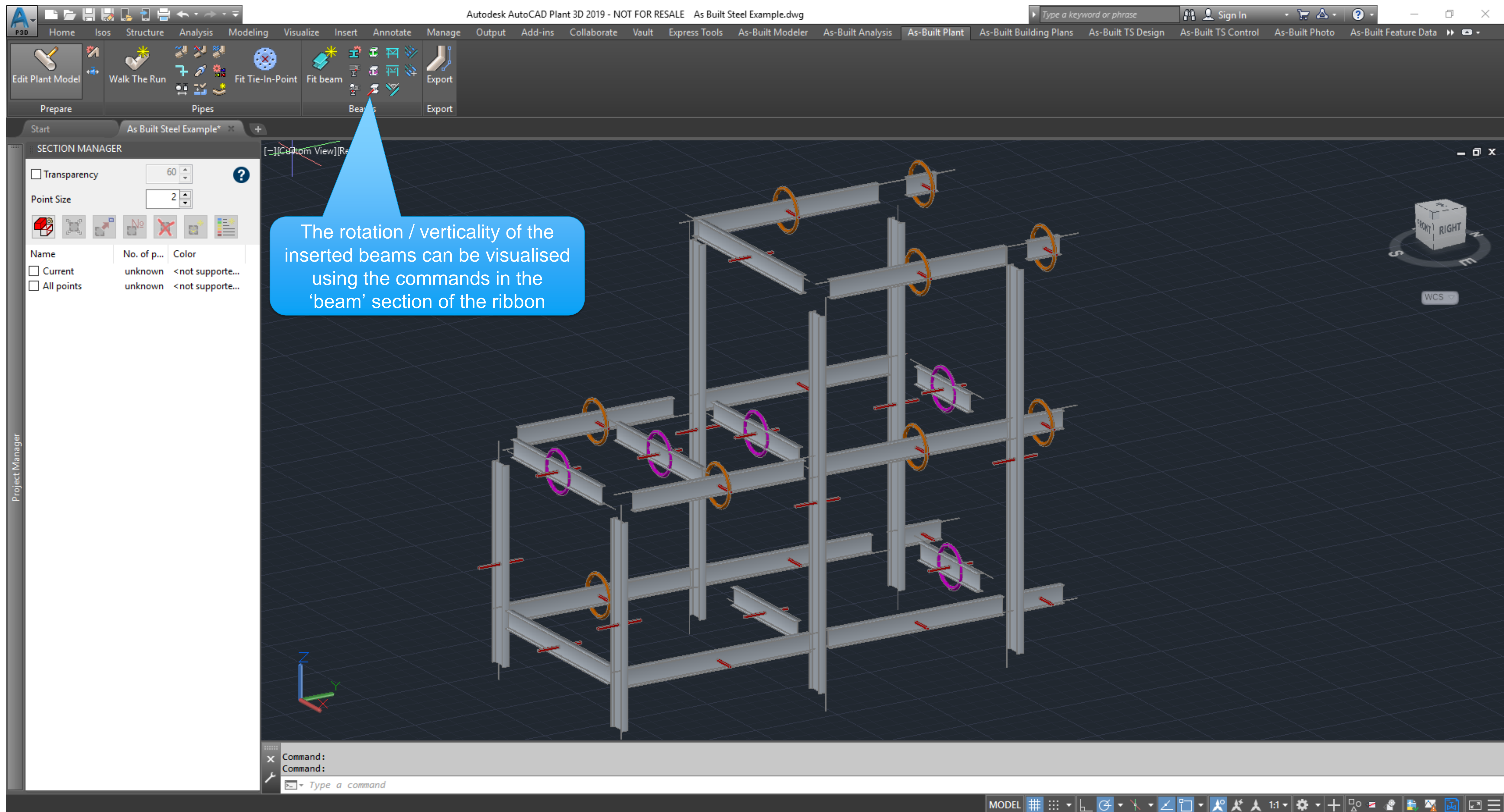
Zoom Pan will allow you to check your results

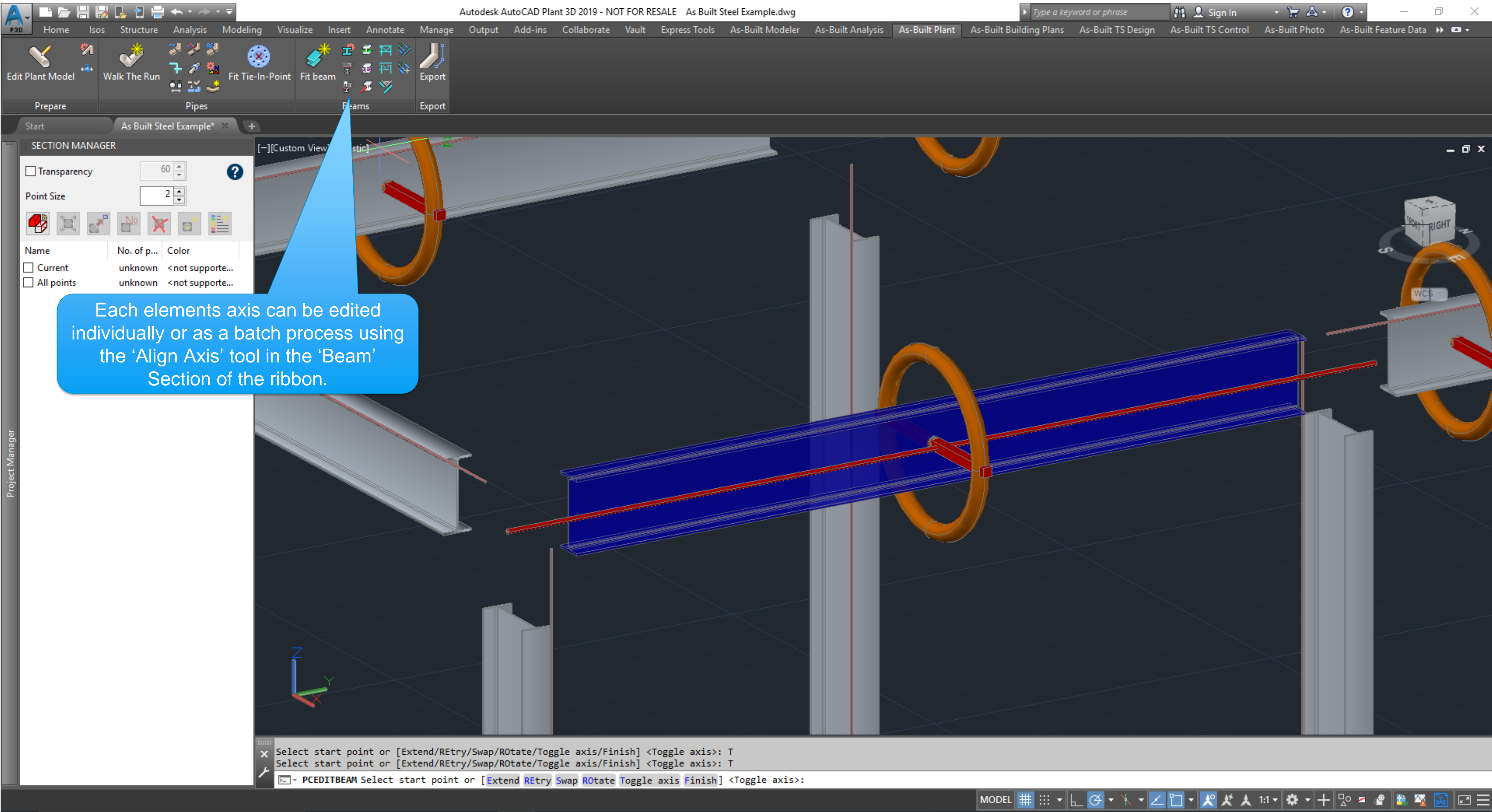
You can 'Insert this beam or select 'Use this Type' to enable a batch fit process.

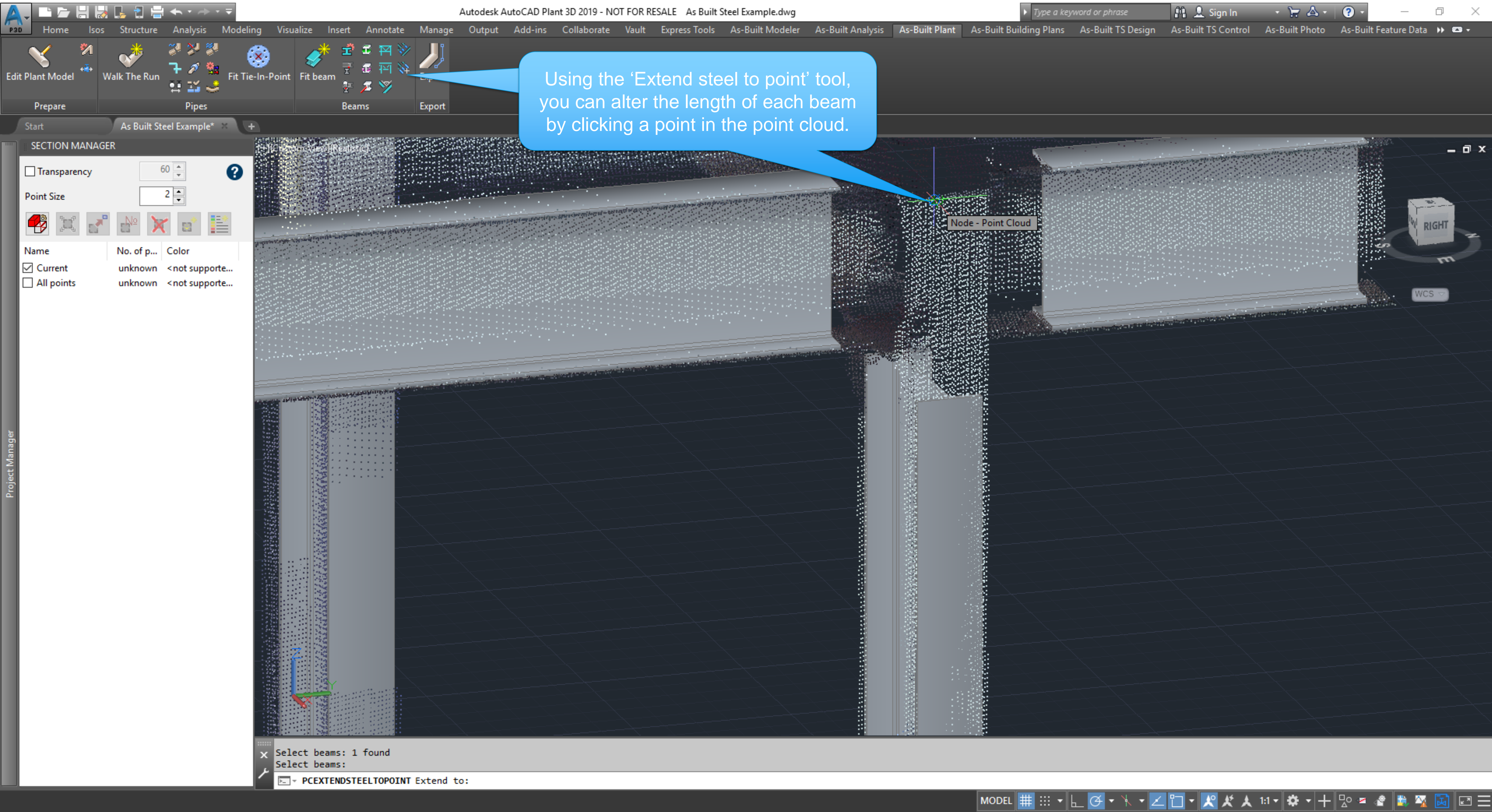


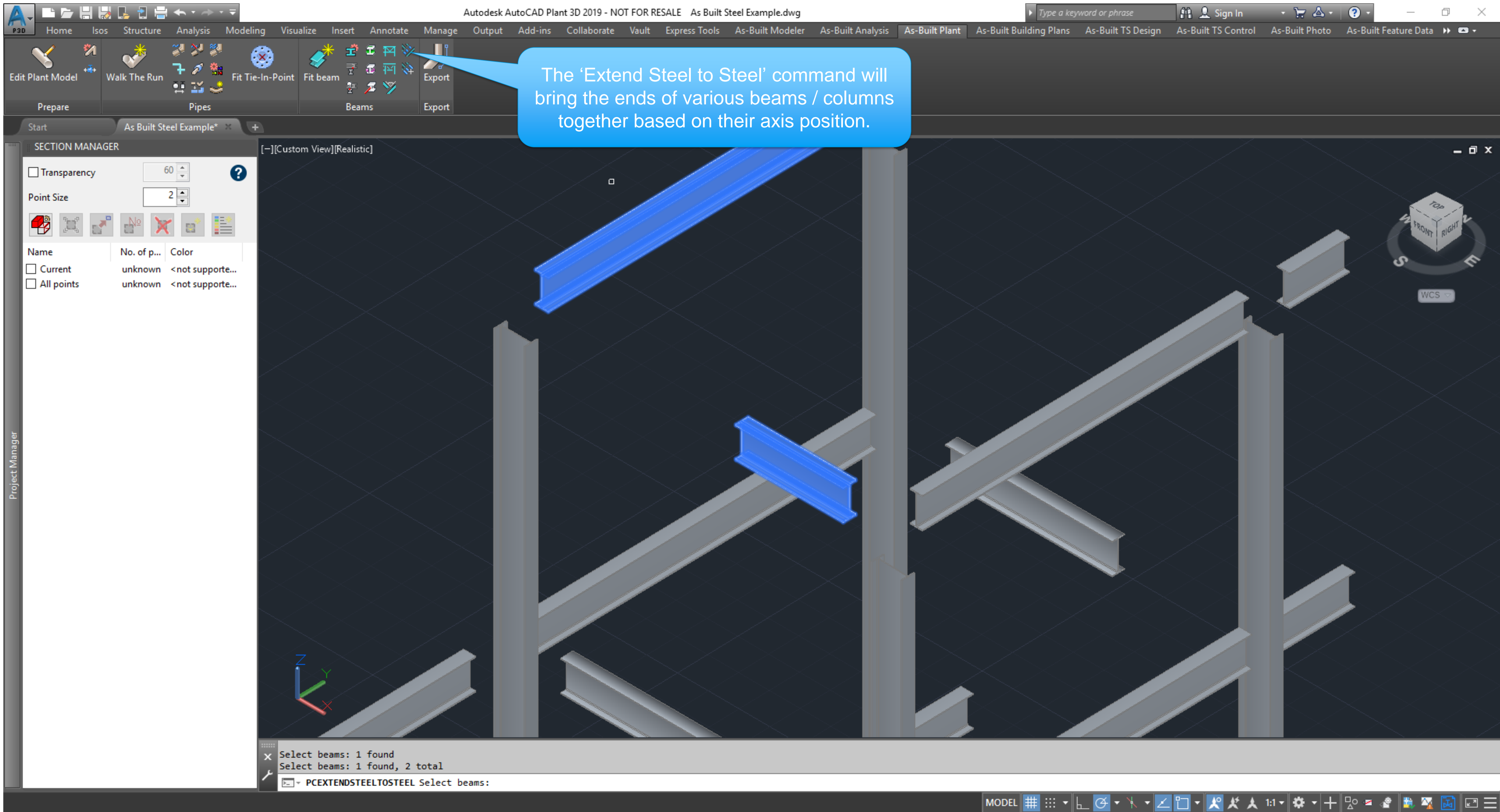


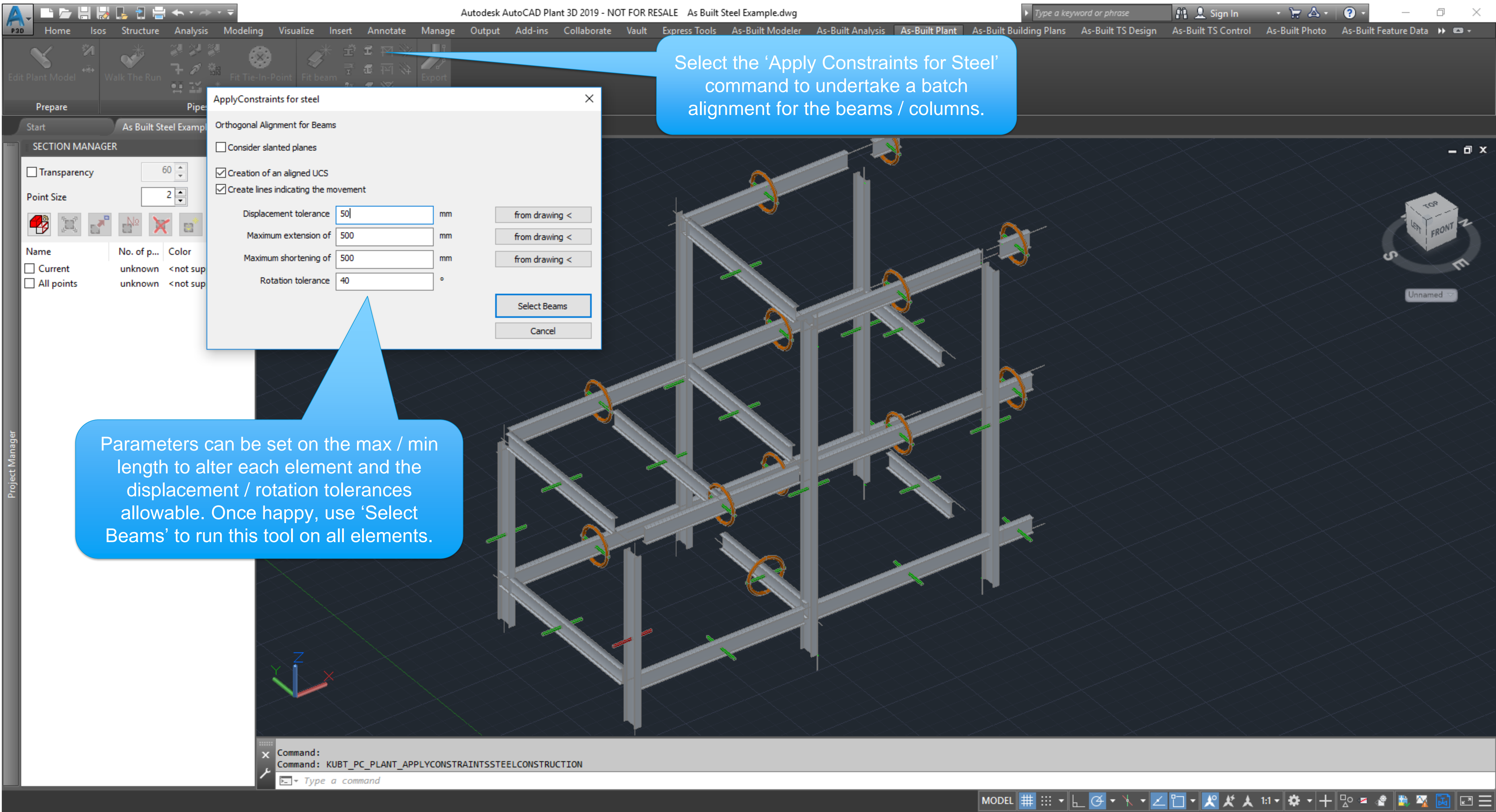


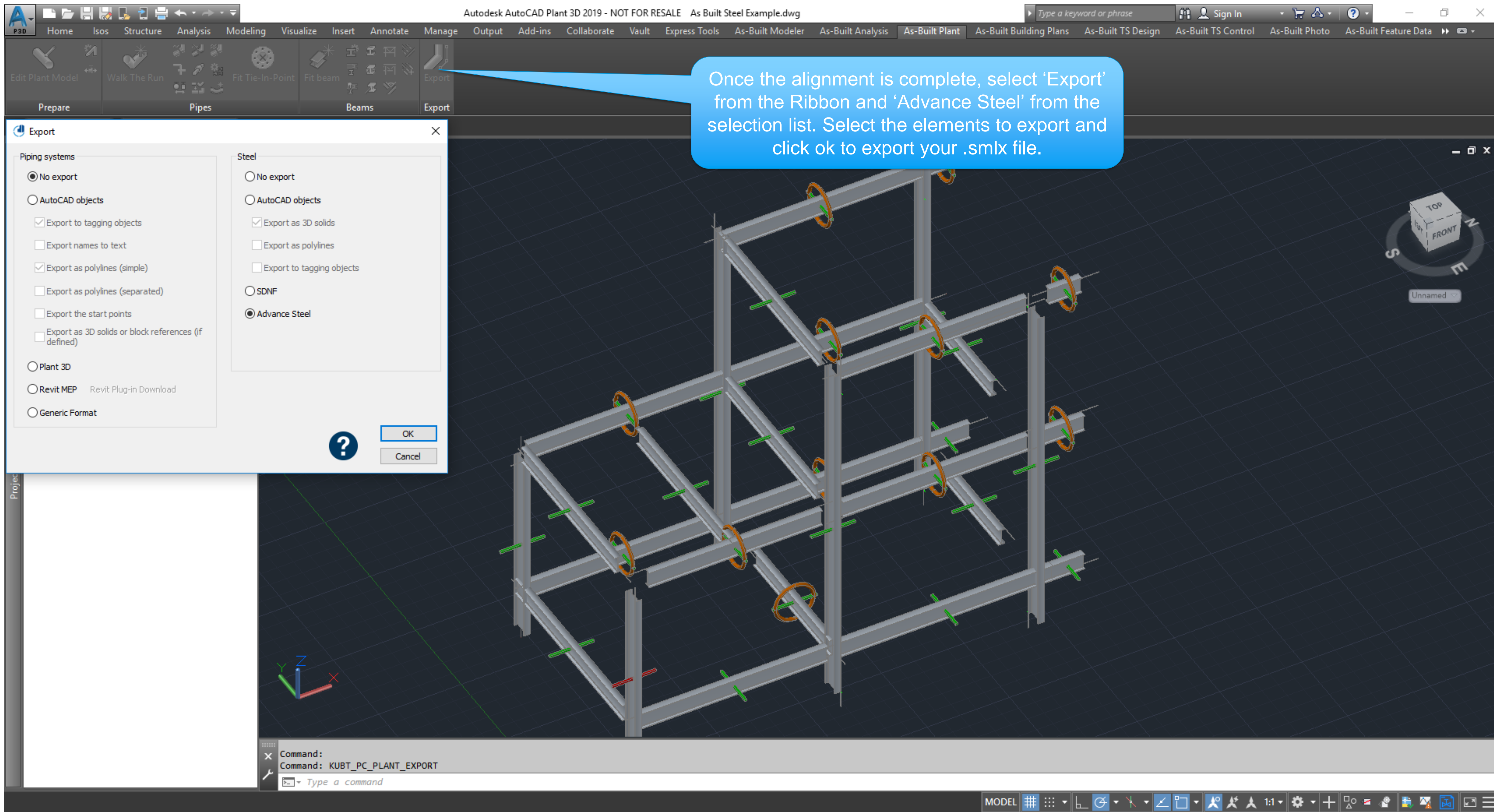


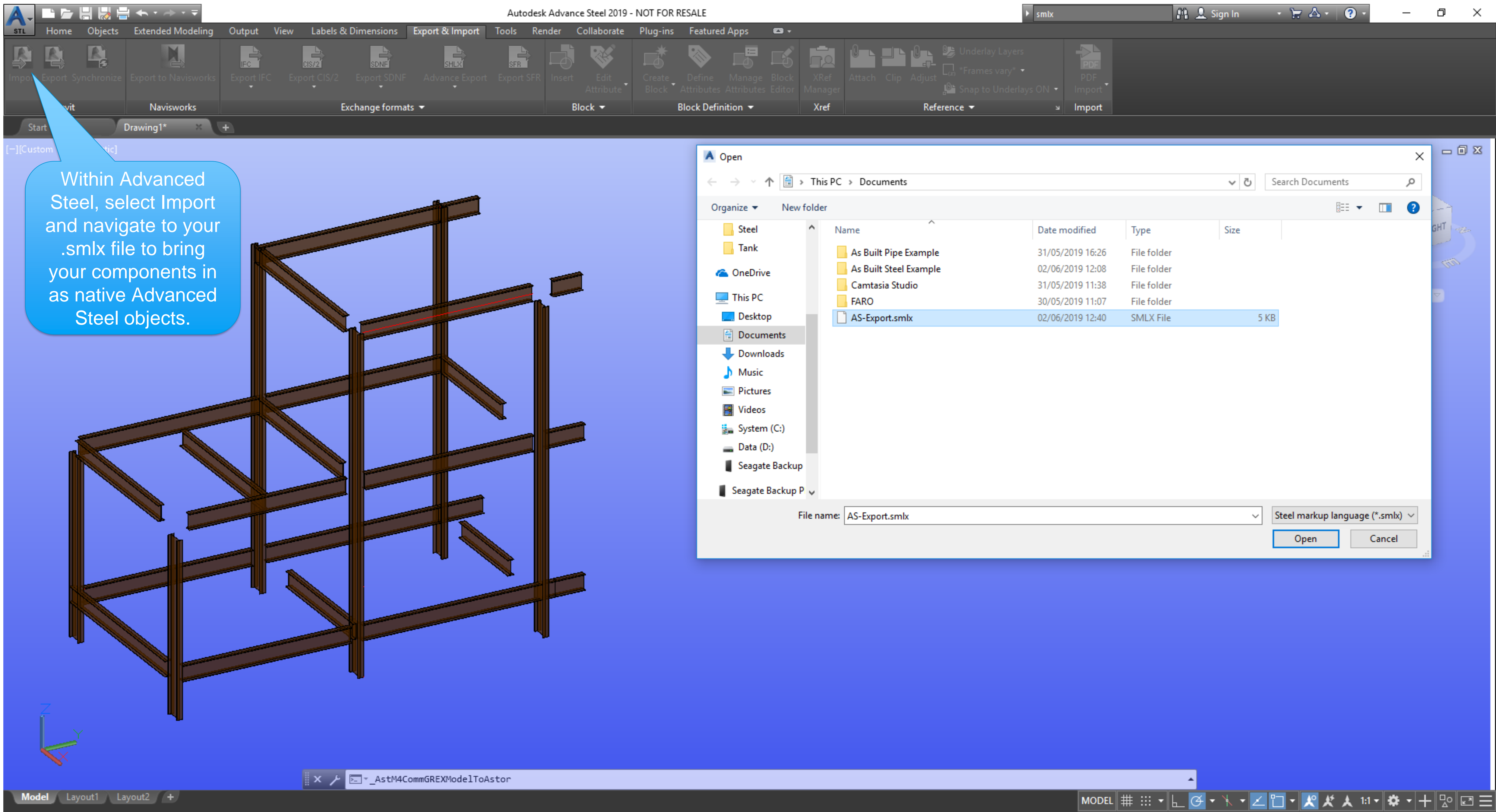














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