How to check the exported DWG Invert Level (IL) and X,Y coordinates from 3D view is preserved?

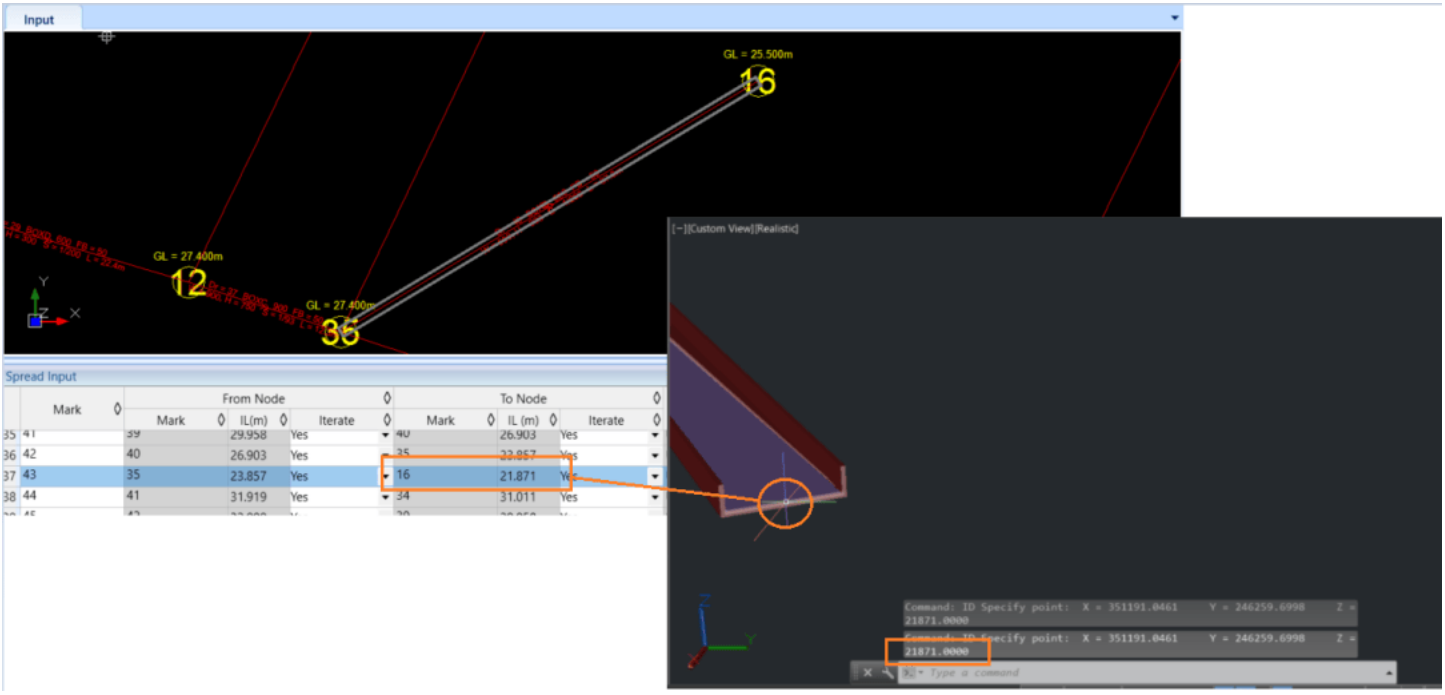
General · https://mes100.com/docs/how-to-check-the-exported-dwg-invert-level-il-and-xy-coordinates-from-3d-view-is-preserved/

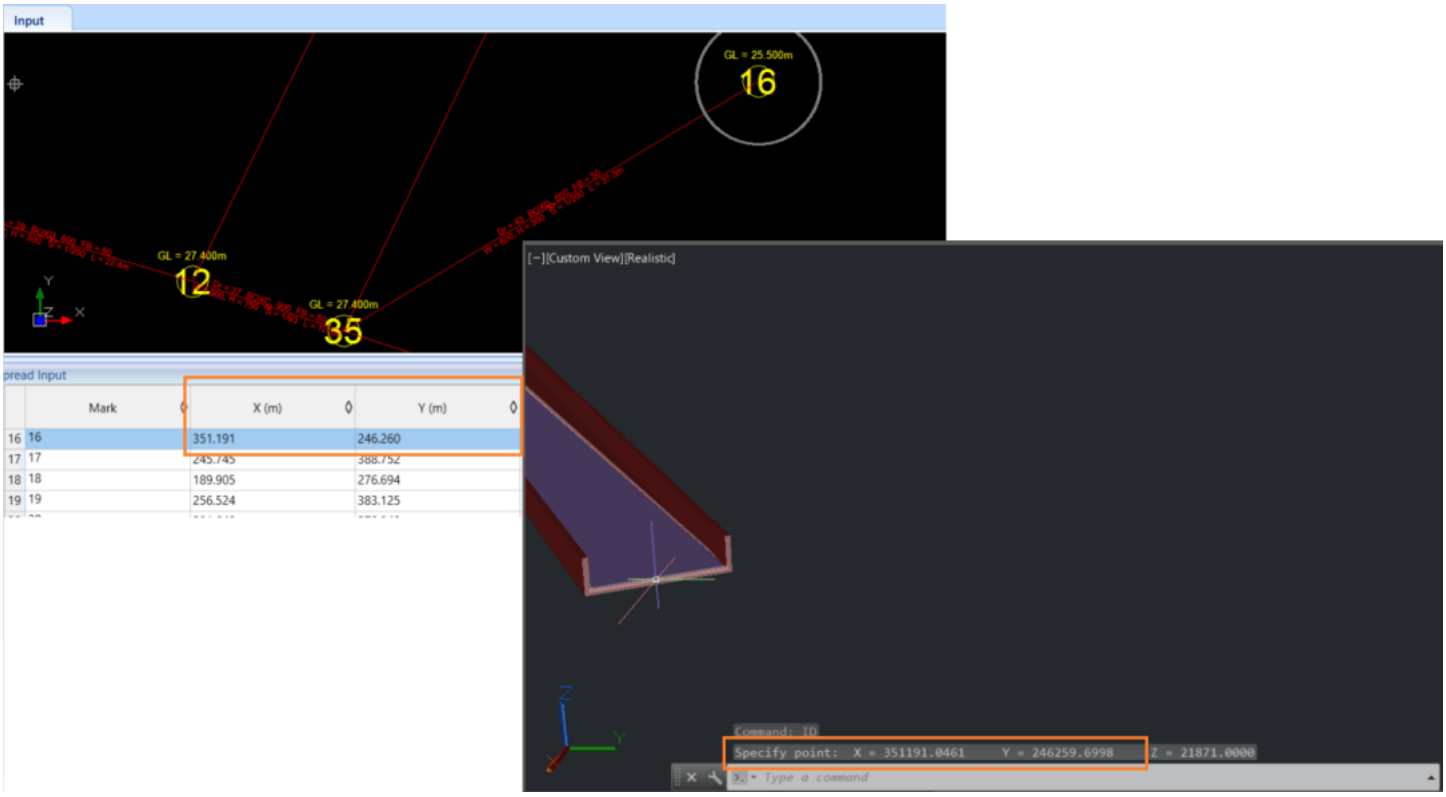
Export DWG from 3D view **here**

Steps:

1. Open drawing in AutoCAD / Civil 3D
2. Select one drain (i.e: drain 43),
3. Details of Drain 43;

- Invert Level = 21.871m
- Node 16 coordinates (X.Y) = 351.191m, 246.260m





When doing comparison, the values are the same.

How to check the coordinates in Civil 3D / AutoCAD

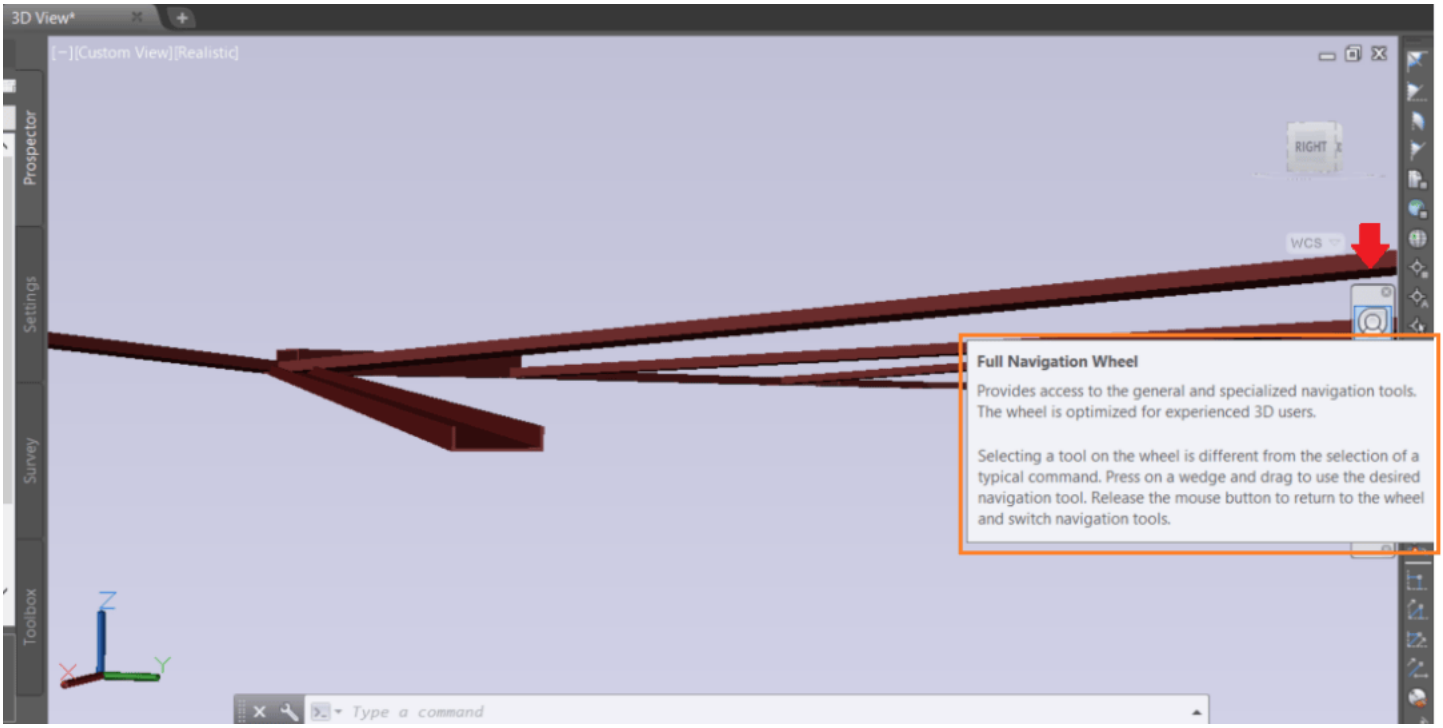
Reference made from Autodesk Knowledge Network :- **To Display the Coordinates of a Point**

Checking of coordinates is based on the reference above.

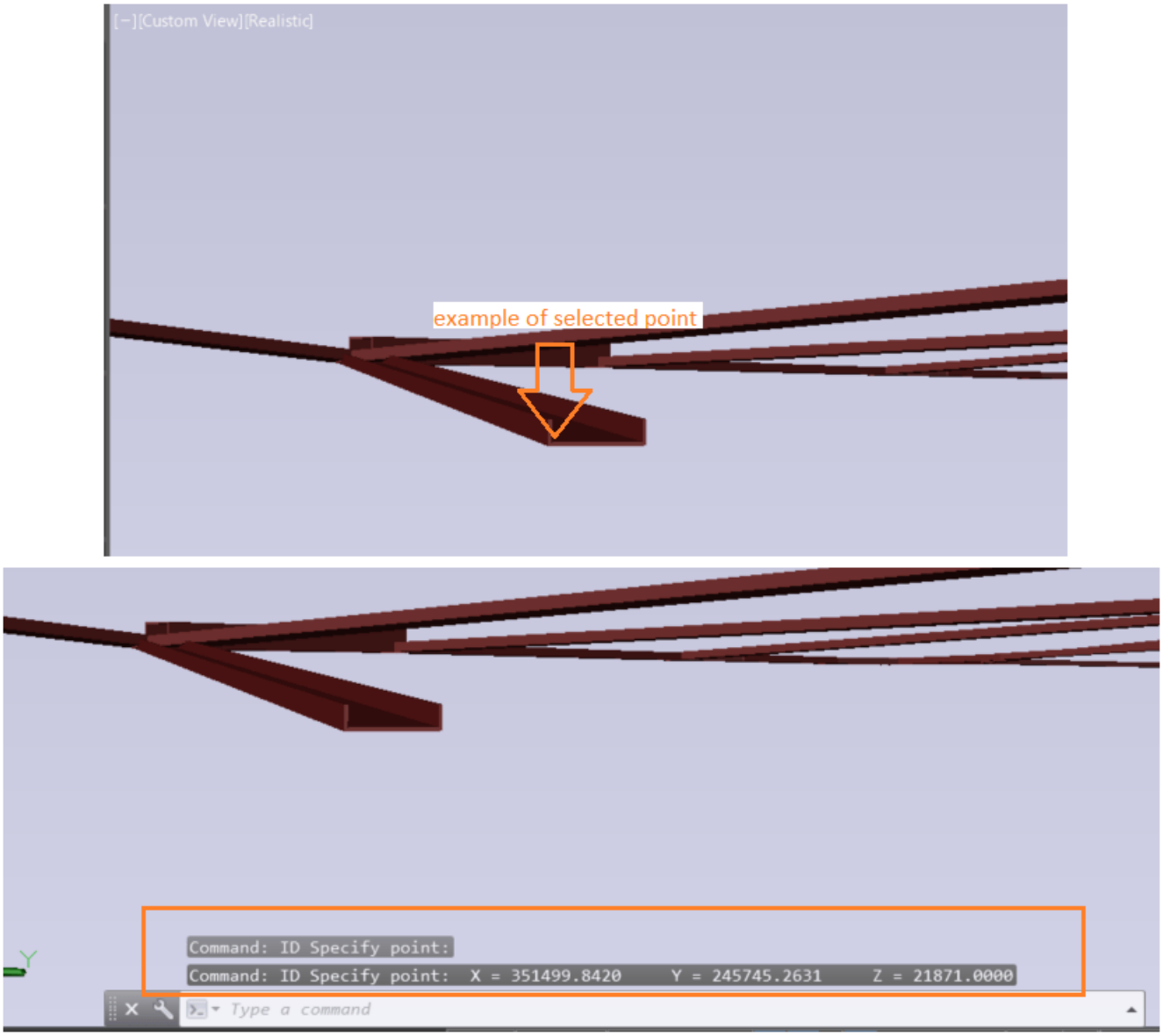
Here are some tips on how to check the coordinates in Civil 3D.

1. Open drawing (i.e: only show drain layer)

2. Select one drain (to get better view, user can zoom using the full navigation wheel)



3. Command ‘ID’ and pick a point that user want to identify the X,Y and Z coordinates



4. Now the X,Y and Z coordinates are known.

Conclusion

The values between MiTS and exported DWG are the same. Hence this can be concluded that the coordinates X,Y and Z are preserved

Related



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I’m the Benevolent Dictator for Life for MiTS Software cum Editor of this website. Read more here.

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