



DIGITALER ZWILLING SACHSEN
IN KOOPERATION MIT GEOSN UND ESRI
2025



Gallery Walk Themeninsel 1: Impact Digitaler Zwillinge in Strukturwandelprozessen

**Digitaler Zwilling Deutsches Zentrum für Astrophysik
- der Digitale Zwilling Sachsen macht es möglich**



LANDESAMT FÜR
GEOBASISINFORMATION



Freistaat
SACHSEN



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locate the future

Das Kahlbaum Areal

2025

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1 2



Das Kahlbaum Areal

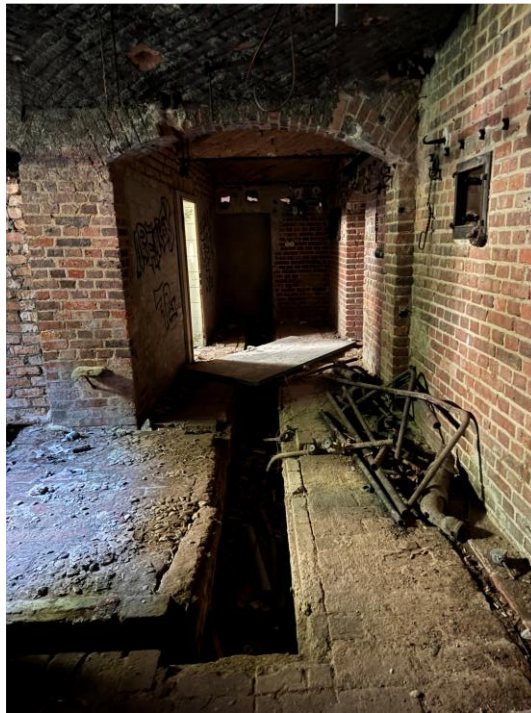
2025



Das Kahlbaum Areal



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2025



Das Kahlbaum Areal

2025



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2025



Das Kahlbaum Areal

Messtechnik

- BLK2 Go, RTC360, VLX, Drohne DJI Mavic 3



Quelle: <https://www.forenteq.com/prodimages/BLK2GO.png>



Quelle: <https://www.allsat.de/2019/04/09/3d-reality-capture-leica-rtc360/>



Quelle: <https://de.navvis.com/vlx-2>



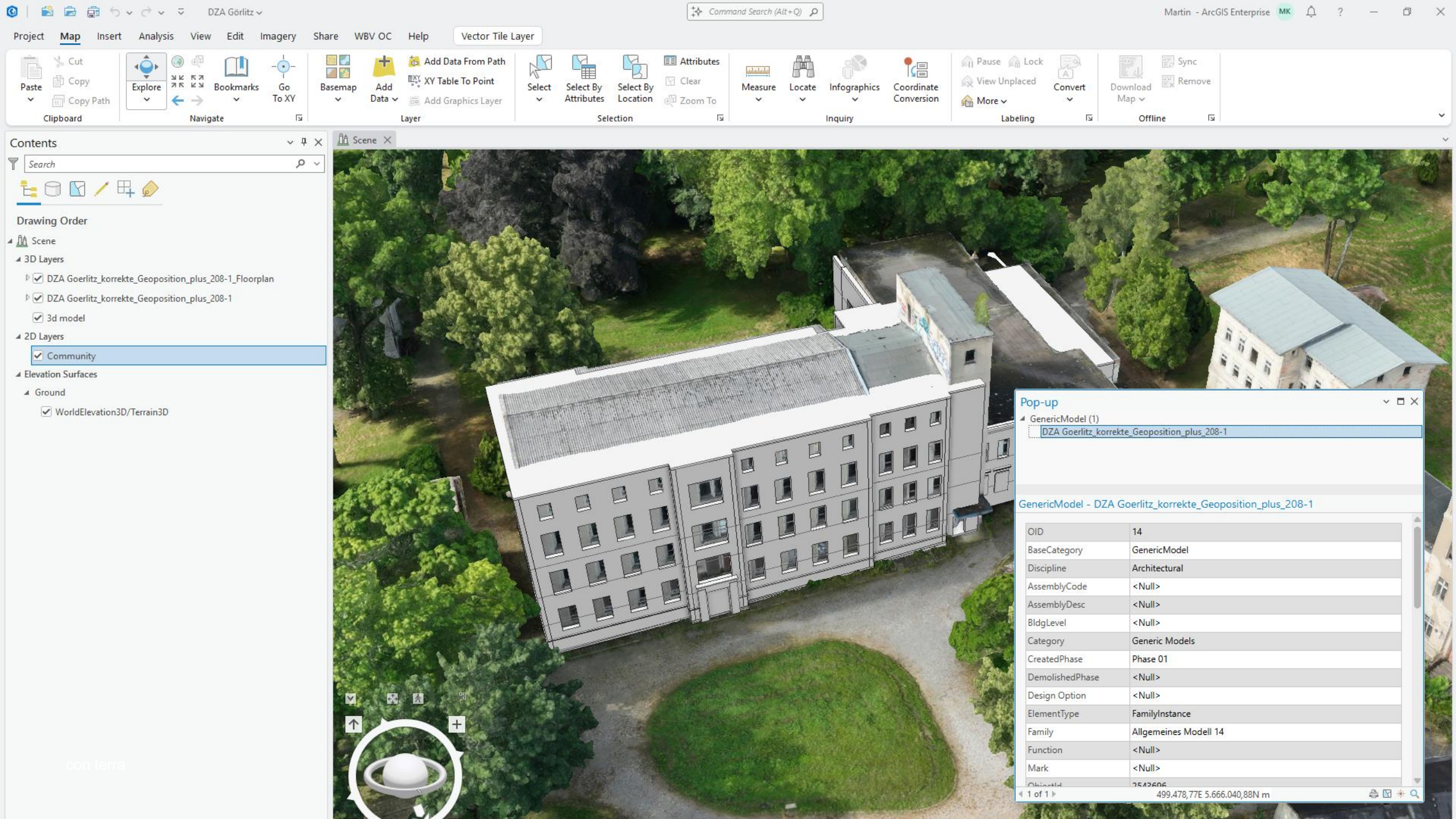
Quelle: <https://www.fotogena.de/video/drohnen/dji-mavic-3-pro-fly-more-combo-inkl-rc.html>





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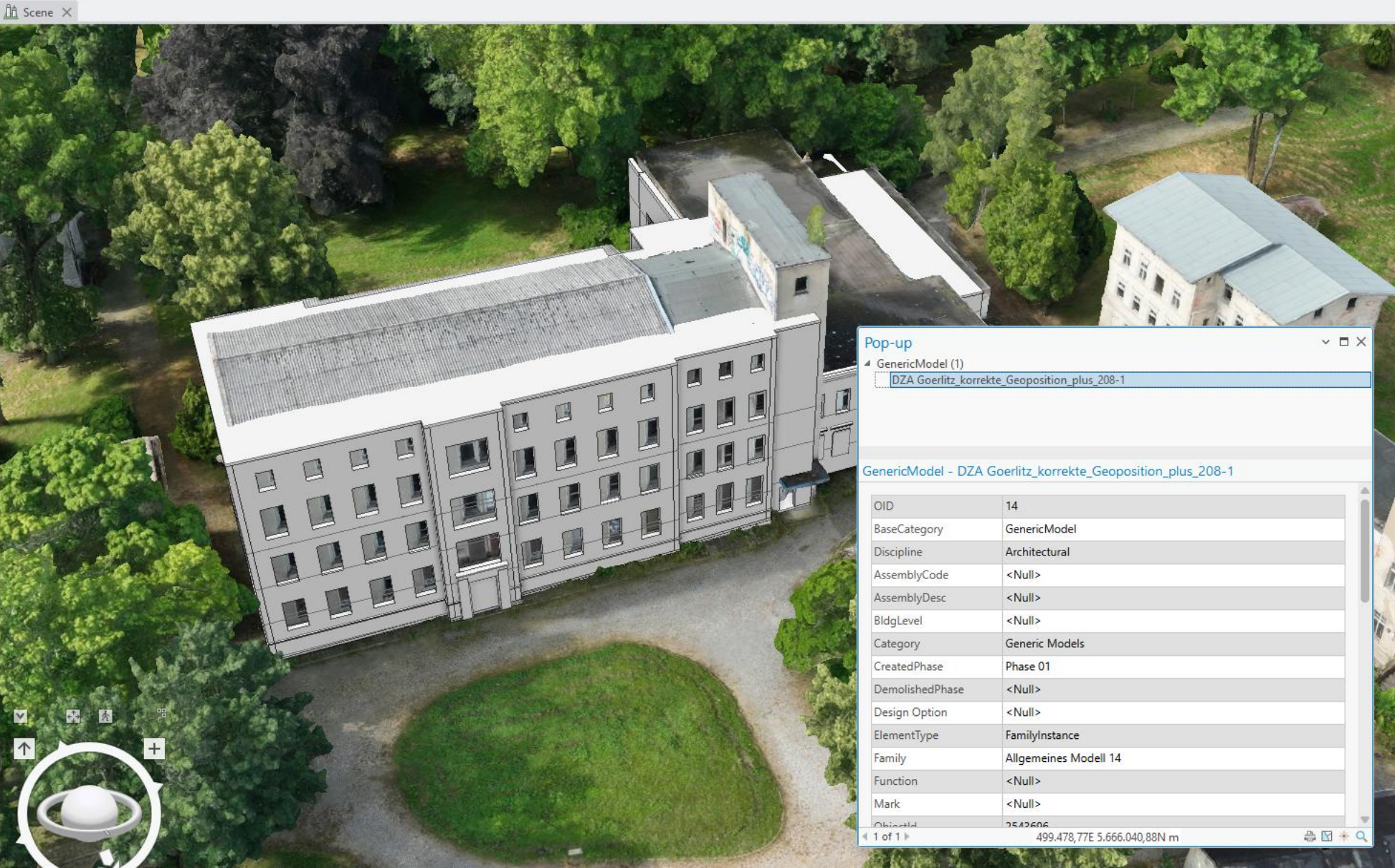


Contents

Search

Drawing Order

- Scene
- 3D Layers
 - ☒ DZA Goerlitz_korrekte_Geoposition_plus_208-1_Floorplan
 - ☒ DZA Goerlitz_korrekte_Geoposition_plus_208-1
 - ☒ 3d model
- 2D Layers
 - ☒ Community
- Elevation Surfaces
 - ☒ WorldElevation3D/Terrain3D



Pop-up

GenericModel (1)

DZA Goerlitz_korrekte_Geoposition_plus_208-1

GenericModel - DZA Goerlitz_korrekte_Geoposition_plus_208-1

OID	14
BaseCategory	GenericModel
Discipline	Architectural
AssemblyCode	<Null>
AssemblyDesc	<Null>
BldgLevel	<Null>
Category	Generic Models
CreatedPhase	Phase 01
DemolishedPhase	<Null>
Design Option	<Null>
ElementType	Family/Instance
Family	Allgemeines Modell 14
Function	<Null>
Mark	<Null>
Objectid	2542606

1 of 1 499,478,77E 5.666.040,88N m

Measure Distance



Planar

Metric

Result



▼ Distance

Segment (m)	Path (m)	Sum (m)
3,68	3,68	
8,14	8,14	11,82

Path Net Bearing: 306°

Path Net Distance: 7,19 m

Path Net Elevation Change: -3,83 m

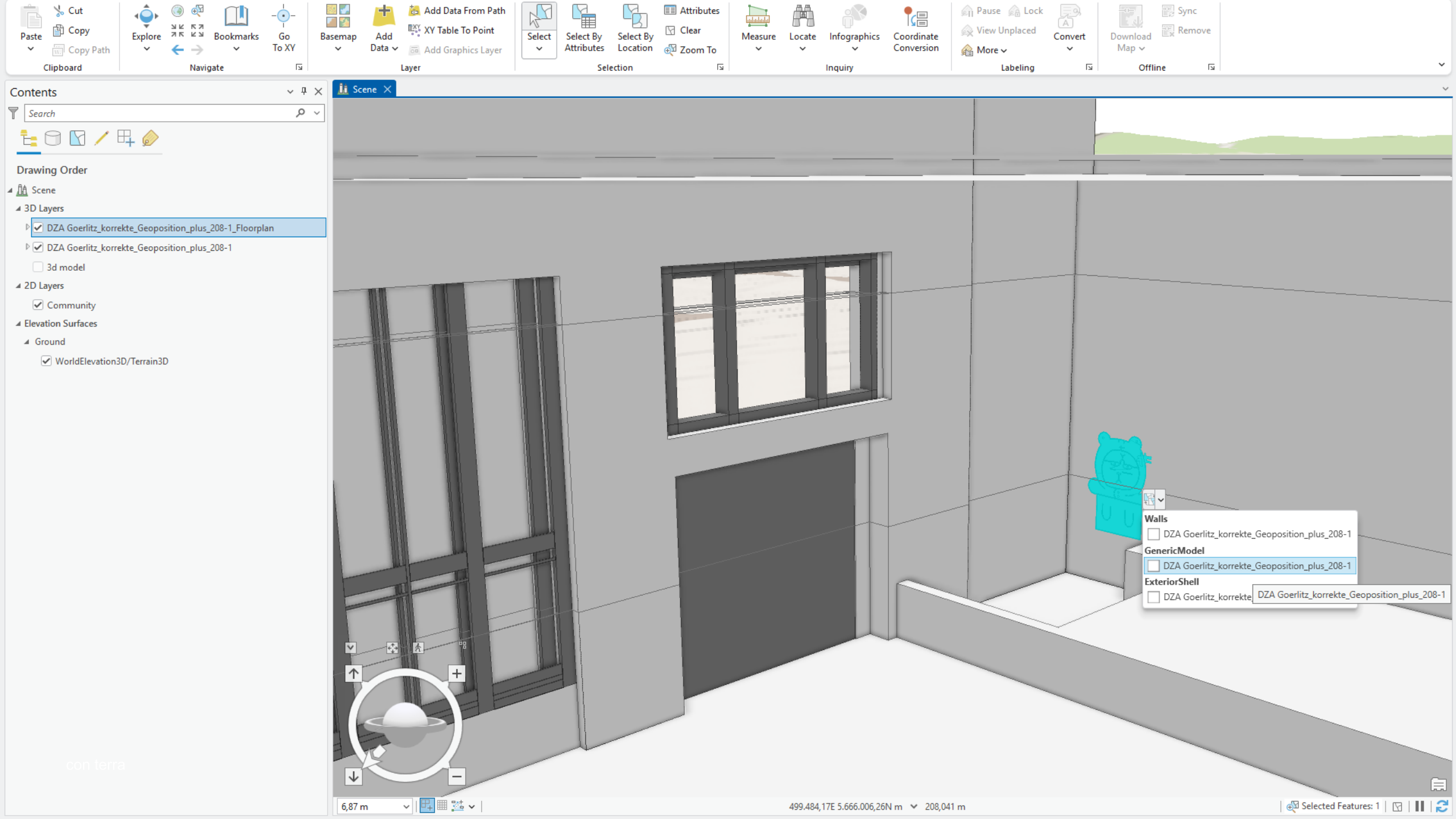
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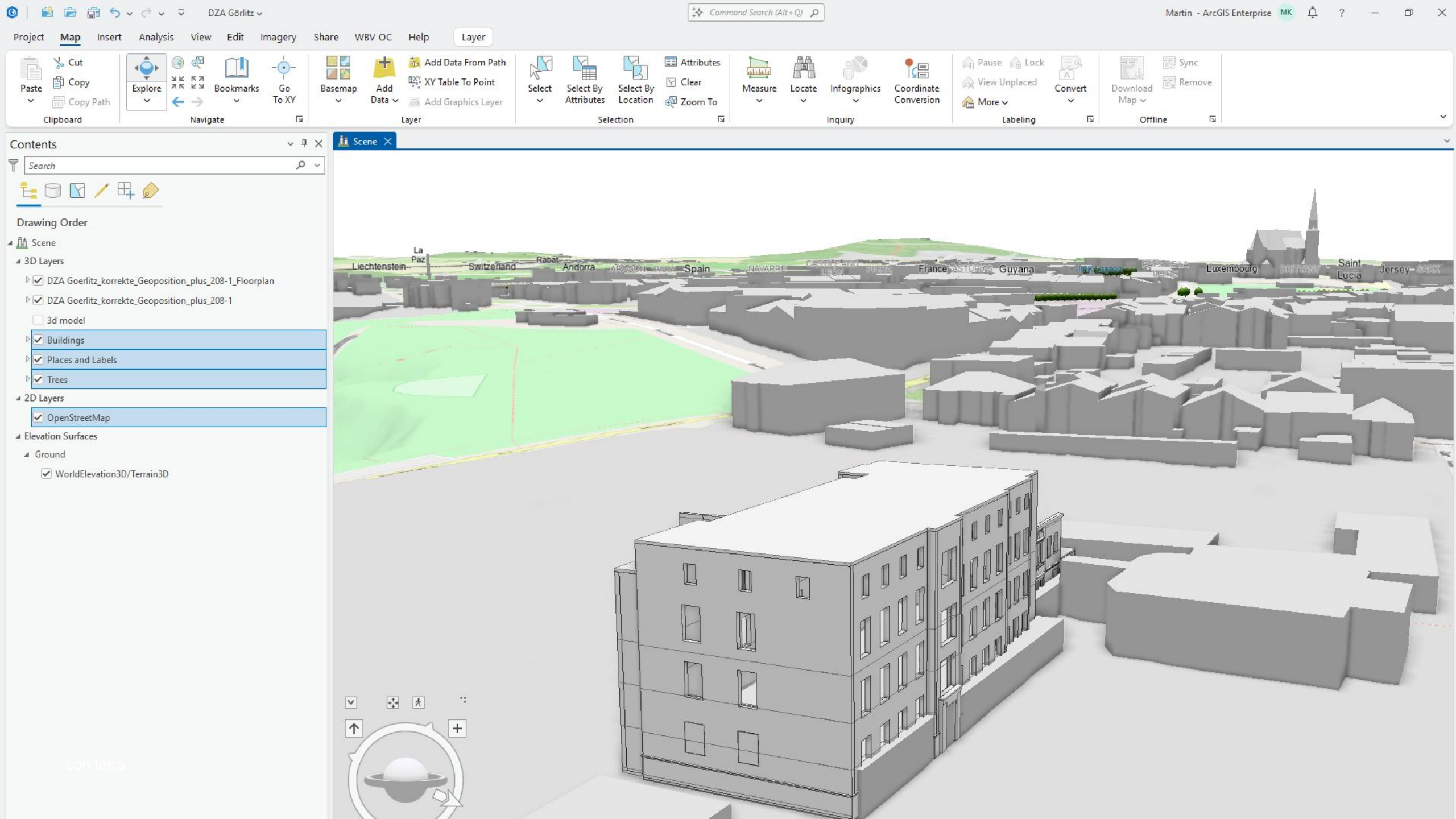
7,19 m

8,14 m

-3,83 m

3d model : Vertex





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- ☒ DZA Goerlitz_korrekte_Geoposition_plus_208-1
- ☐ 3d model
- ☒ Buildings
- ☒ Places and Labels
- ☒ Trees

2D Layers

- ☒ OpenStreetMap

Elevation Surfaces

- ☒ Ground
- ☒ WorldElevation3D/Terrain3D



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Powered by Esri

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Navigation controls including a compass, a vertical toolbar with icons for location, zoom in (+), zoom out (-), home, layers, and a search icon, and a horizontal toolbar with icons for street view, full screen, and other map functions.



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Suche nach ...

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DZA Goerlitz	
Zoomen auf	
OBJECTID_1	24
BaseCategory	Walls
Discipline	Architectural
AssemblyCode	
AssemblyDesc	
BldgLevel	Ebene 10
Category	Walls
CreatedPhase	Phase 0
DemolishedPhase	
Design Option	



Herzlichen Dank!

Marc Kleemann

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