

From Data Collection to AI-Driven Feature Extraction, Sharing, and Collaboration.

Trimble Business Center (TBC)



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Build



Capture



Design

Manage



Operate

Collaborate

Transform





Cansel
Canadian Surveying Equipment Ltd.



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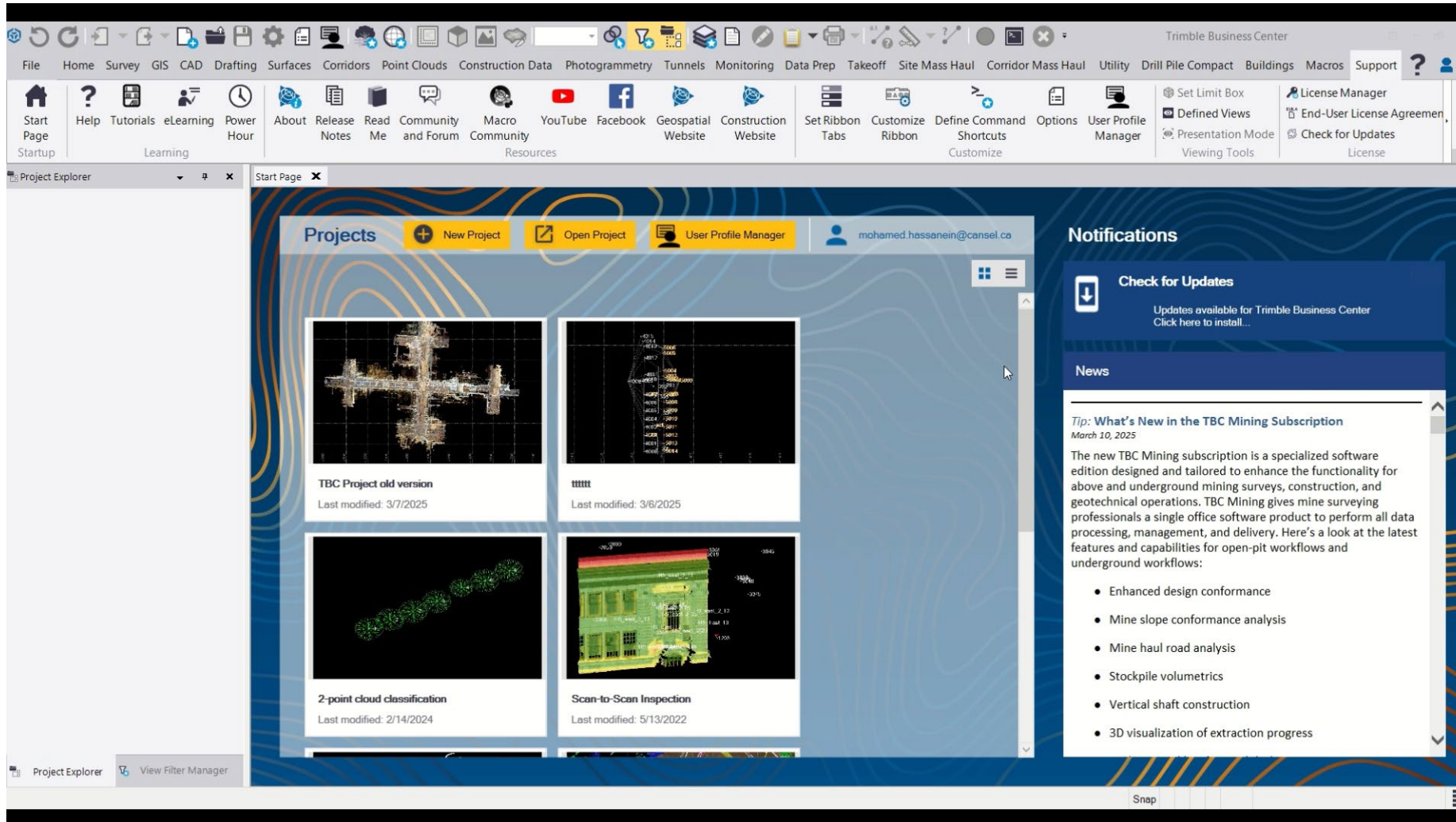
Our Partners



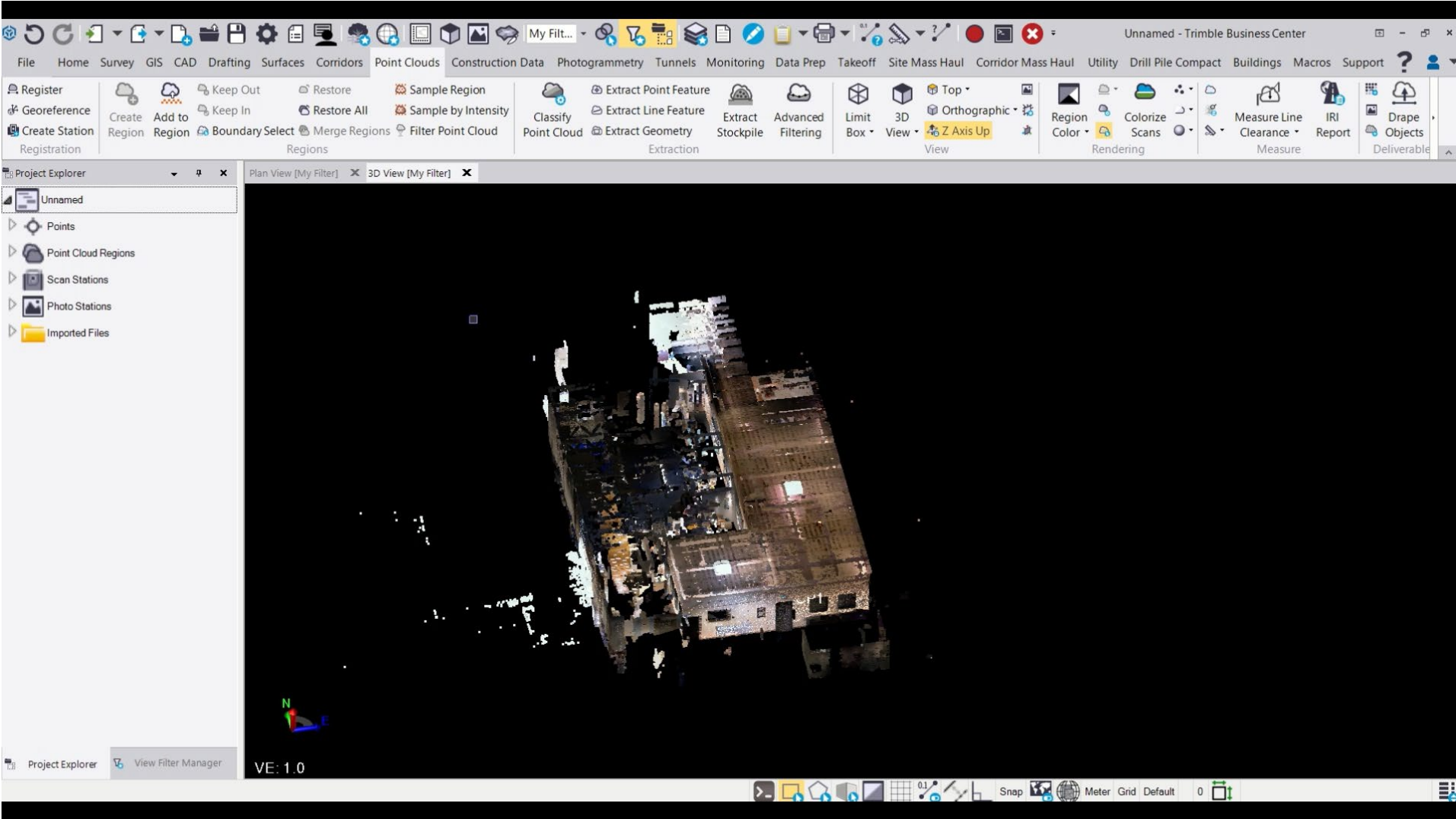
Agenda: 3D Data F2F Workflow

- Point Cloud → Import (Multiple sources)
- Classification: global classification into main classes
- AI: feature extraction, curb, gutter and stock pile
- Export and sharing options: TRCPS

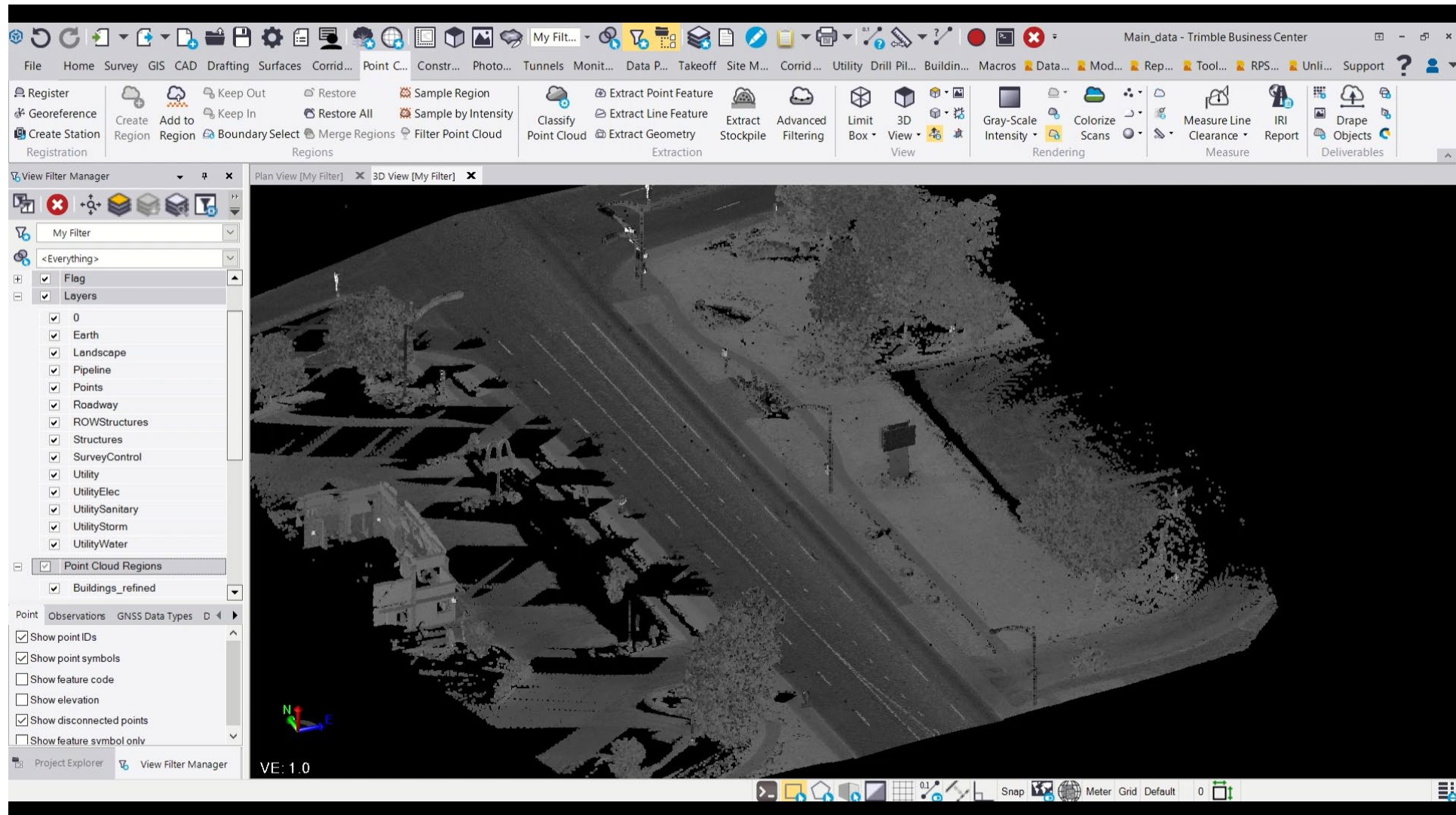
Import NavVis VLX3 Data into TBC



Point Cloud Classification

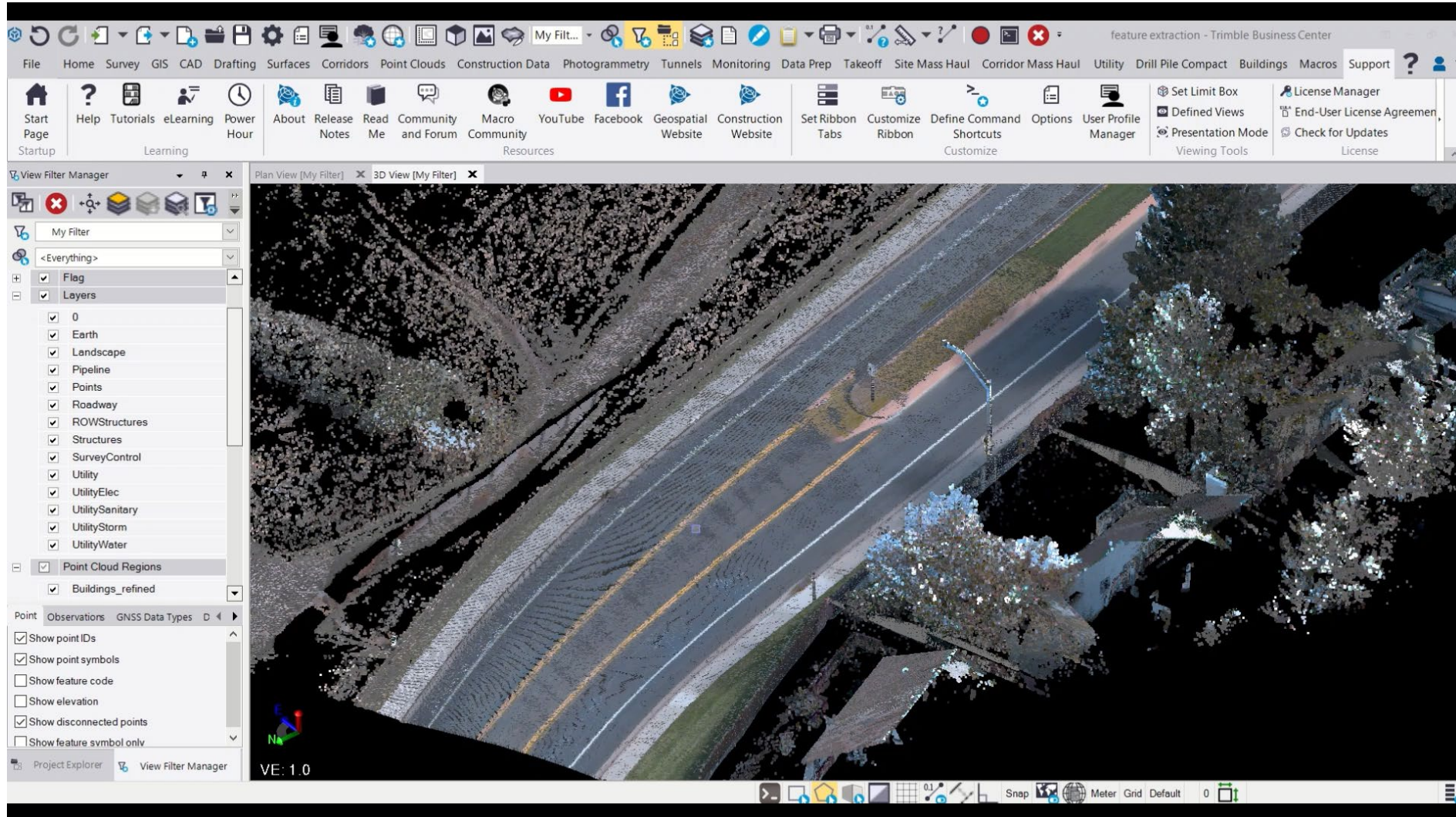


Point Feature Extraction:



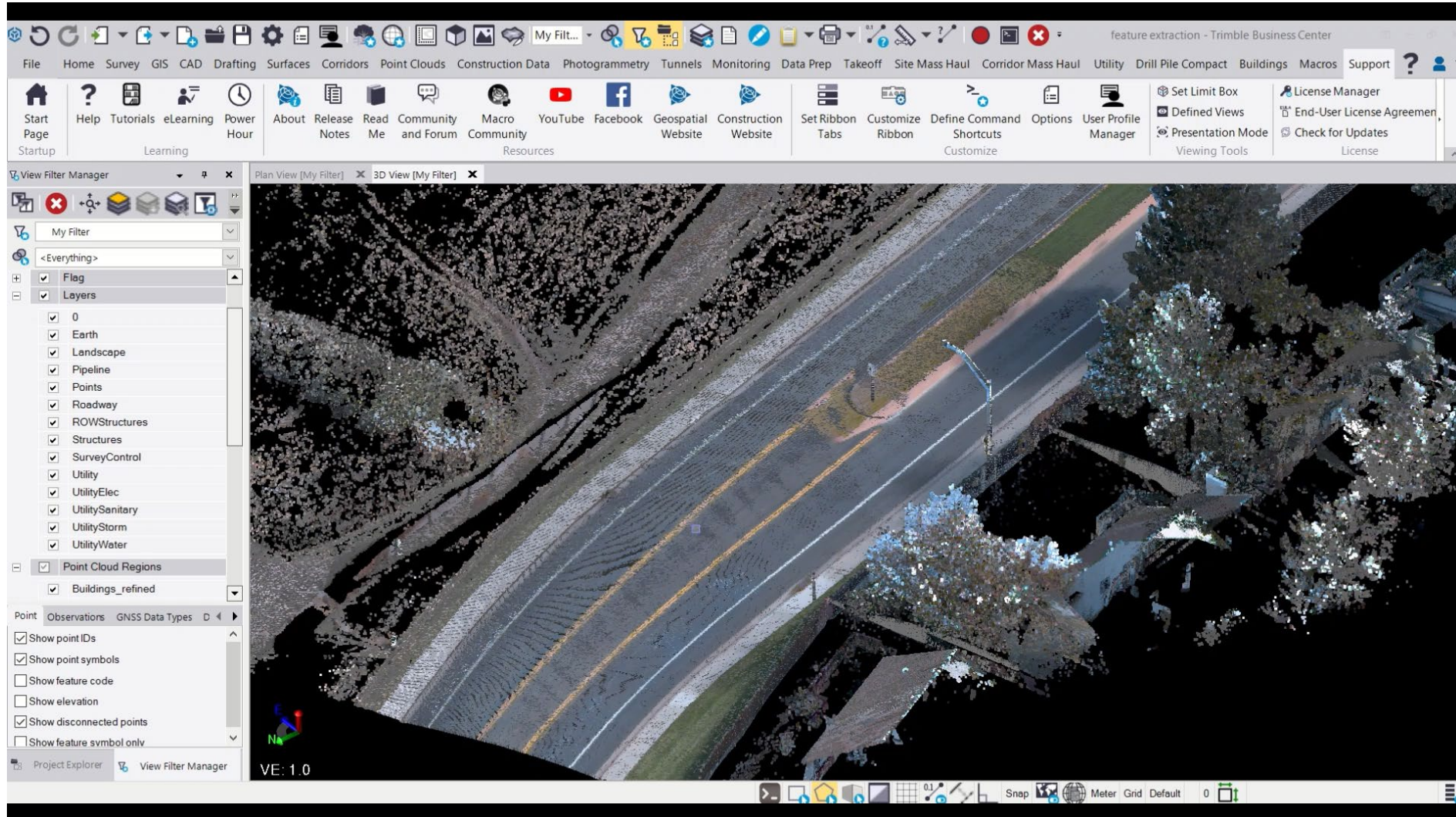
Line Feature Extraction

- Curb
- Gutter



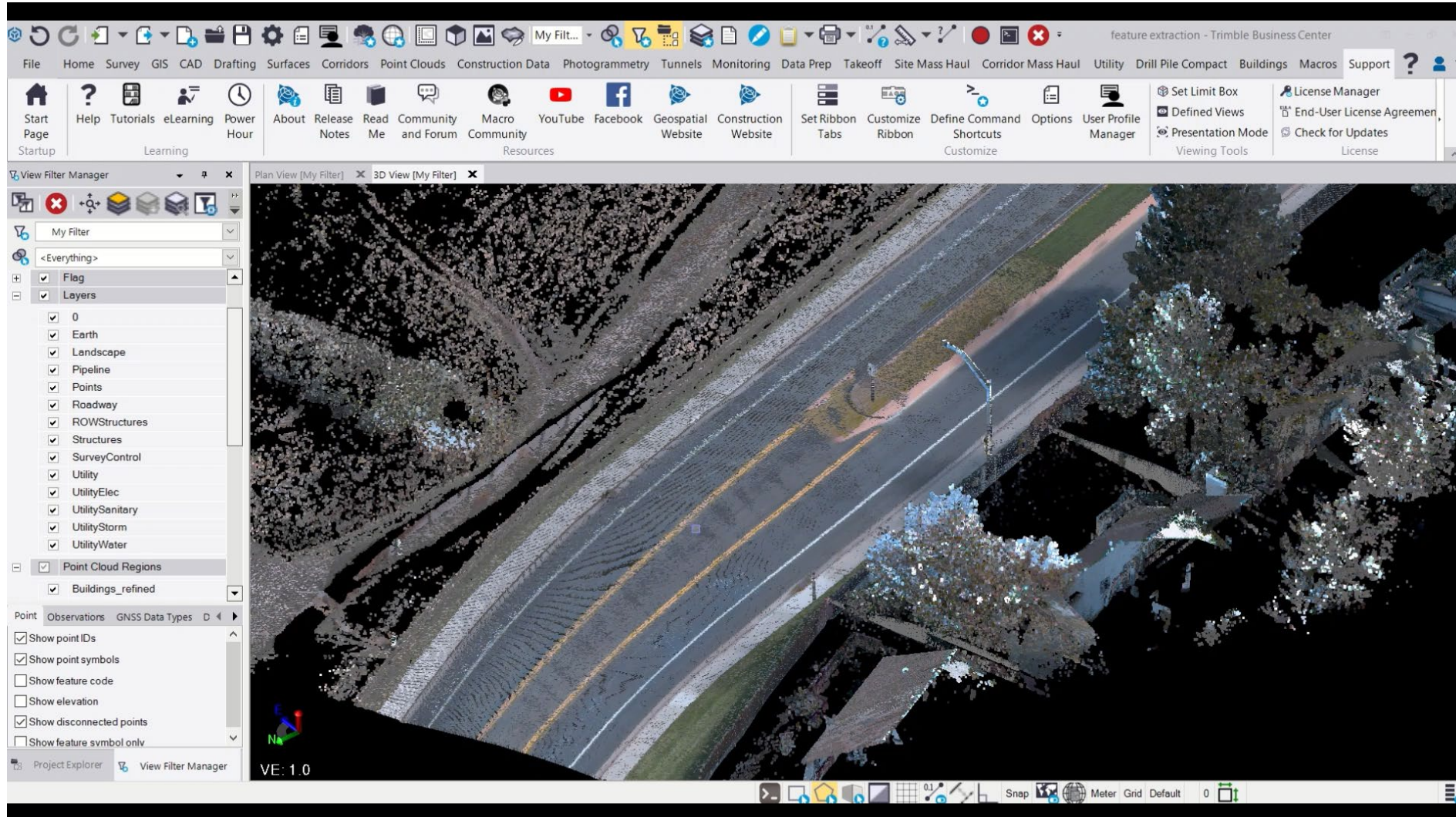
Line Feature Extraction

- Lane lines

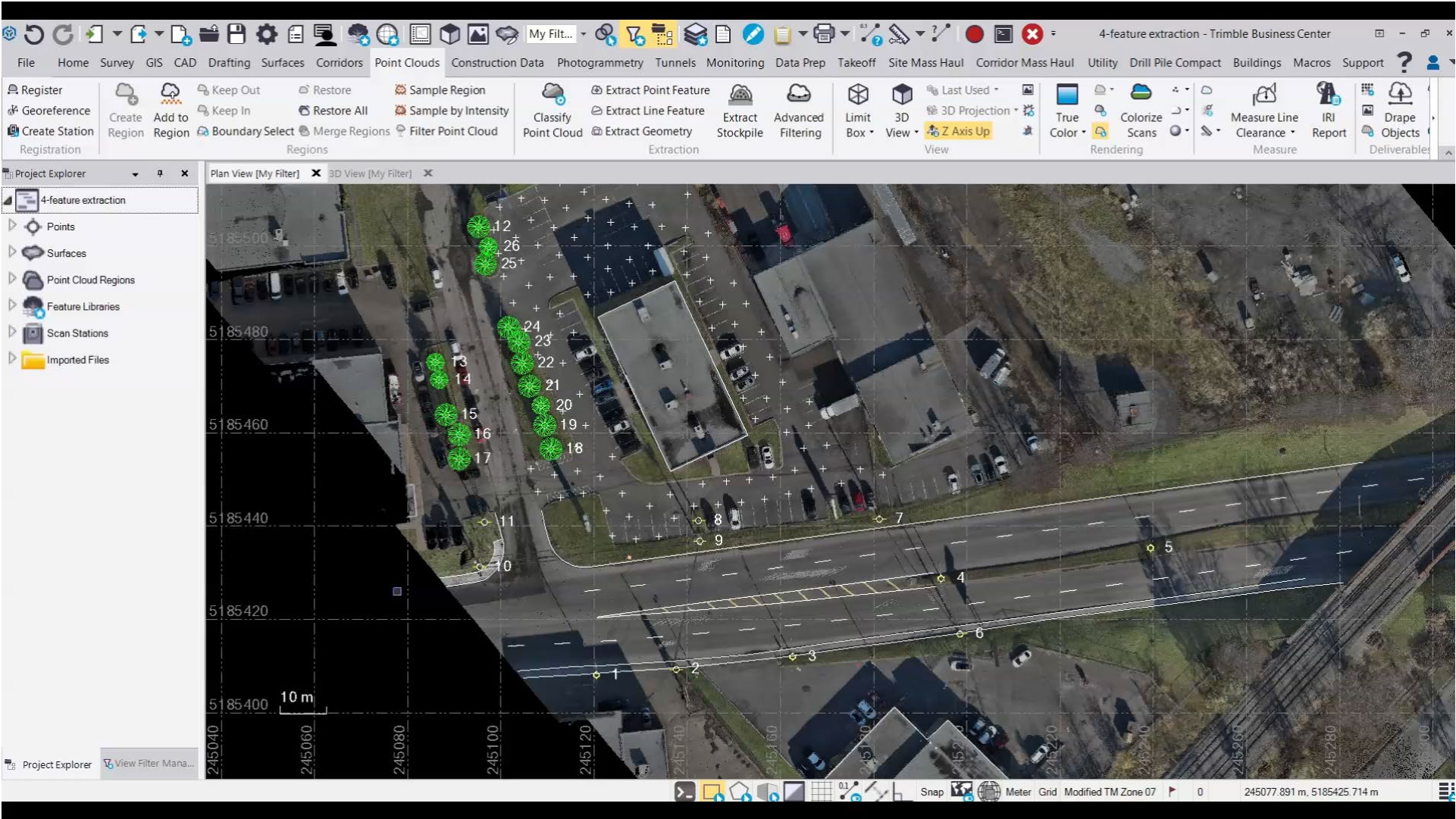


Line Feature Extraction

- Powerlines

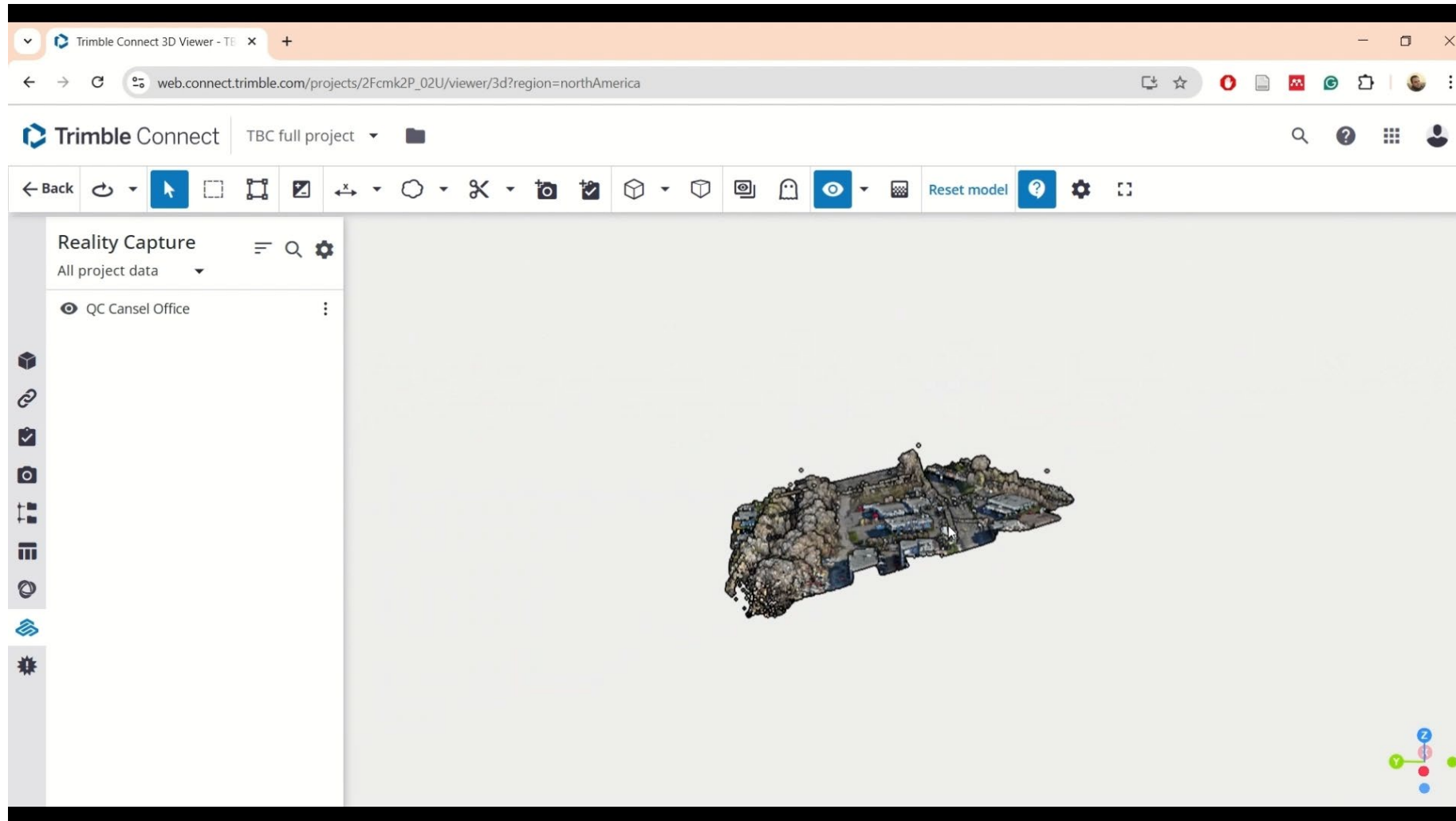


Surfaces & Objects



• Stockpiles

What We Want to Accomplish?



Thank you

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Technical support
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