

Product Updates

BOBBY WILLIAMS

Customer Success Consultant

Product Updates & Launch

AEC Connect Day 2025

TODAY'S AGENDA

01

Quantity Takeoff
Product Update

02

New Product
Announcement

03

Gsite: CDE + Site
Management

04

Magicad: Empower
Your Engineers

05

CADReader

06

PlanForm

Quantity Takeoff Product Line

Cubicost TAS

Cubicost TRB

Cubicost TME

New Things in 2025



**Quantity
Takeoff
Product
Line**



**Cubicost
TAS**



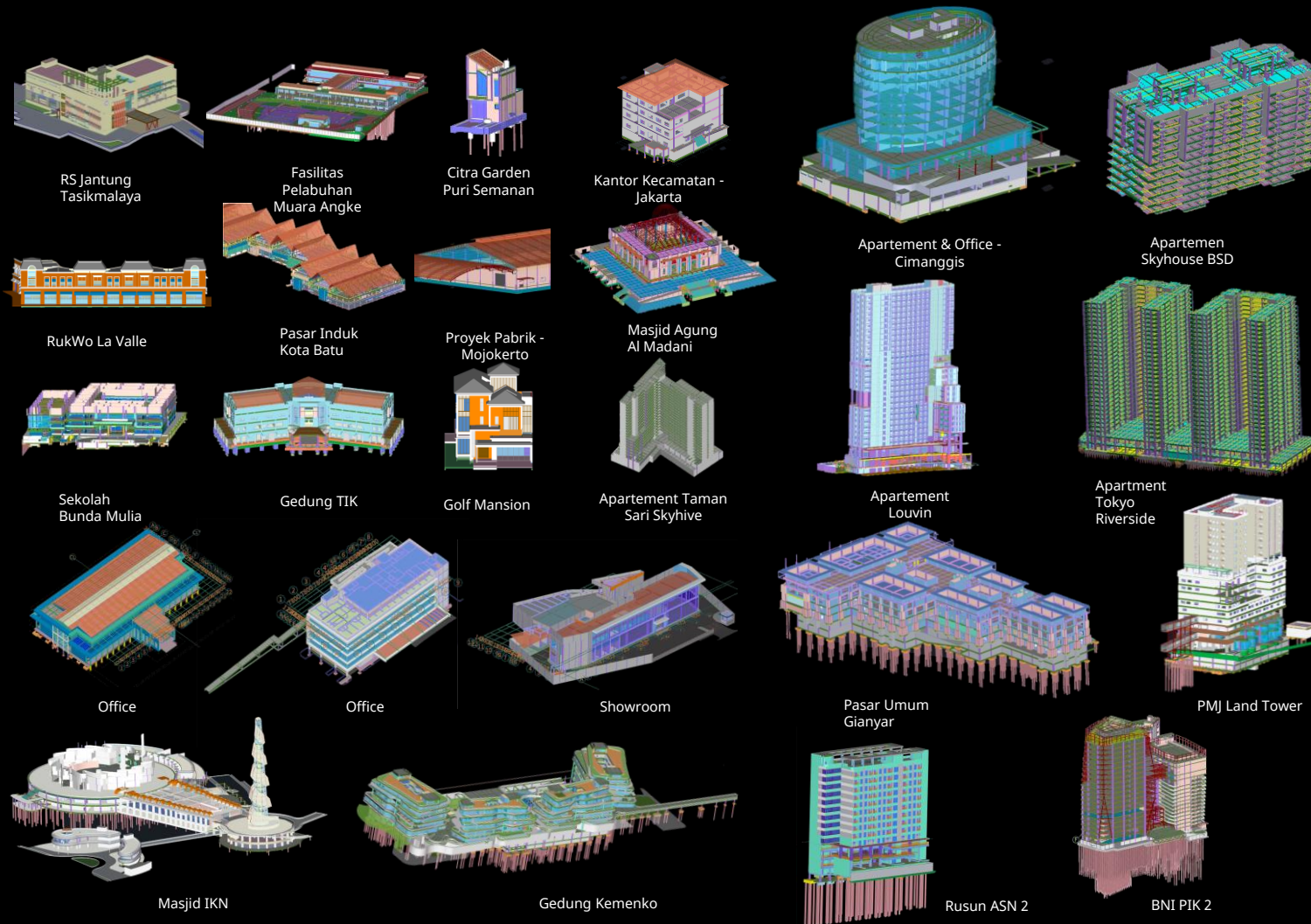
**Cubicost
TME**



**Cubicost
TRB**



**Cubicost
TBQ**



750+

projects in Indonesia since 2015

Used by all of
construction players

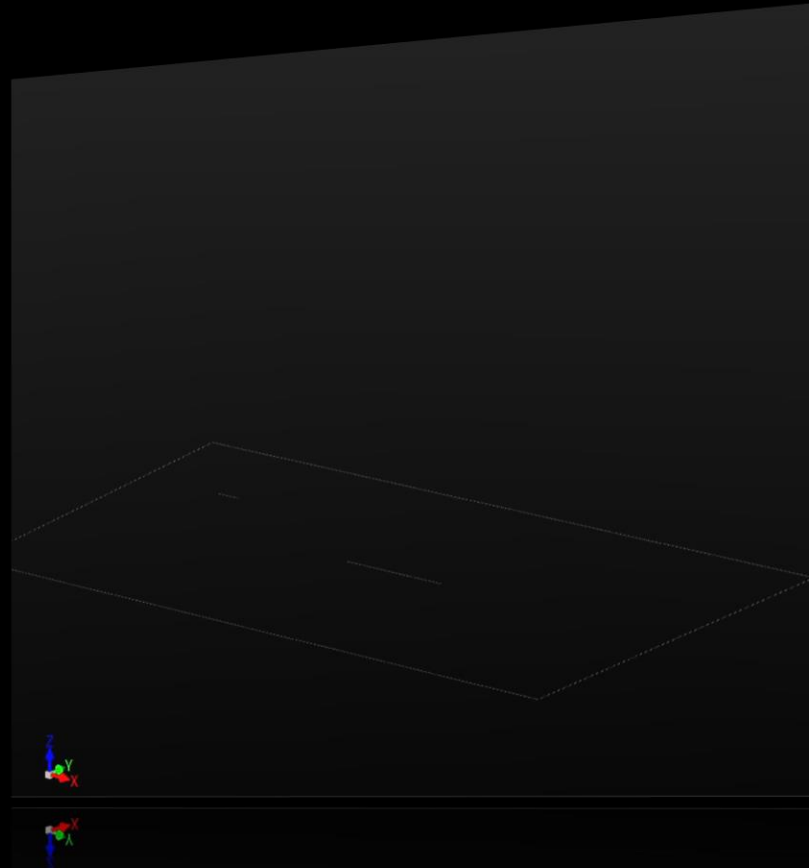
Consultants, Contractors, Developers,
Owners (Private and Government)

Up to
50%

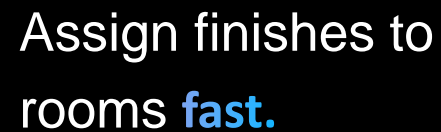
Increase in productivity

*Based on historical data of clients' software usage

Quick Modeling Capability



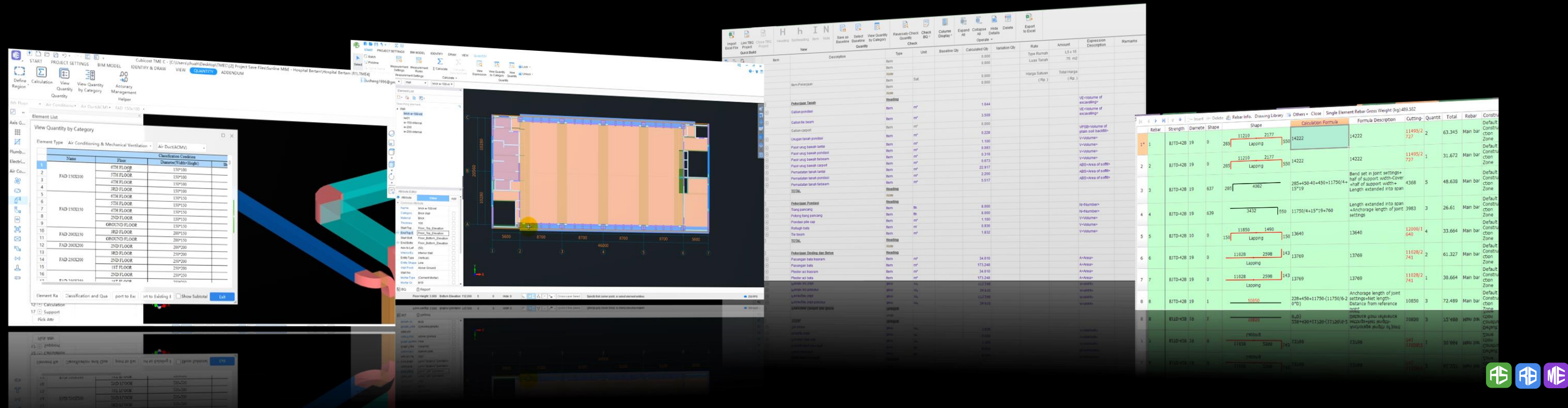
Quantity take-off need speed and accuracy. Use Cubicost for semi-automated 2D to 3D conversion with **auto-identification** from various 2D input like .dwg, .pdf, or directly import 3D file .ifc, .rvt to TAS for quick take-off.



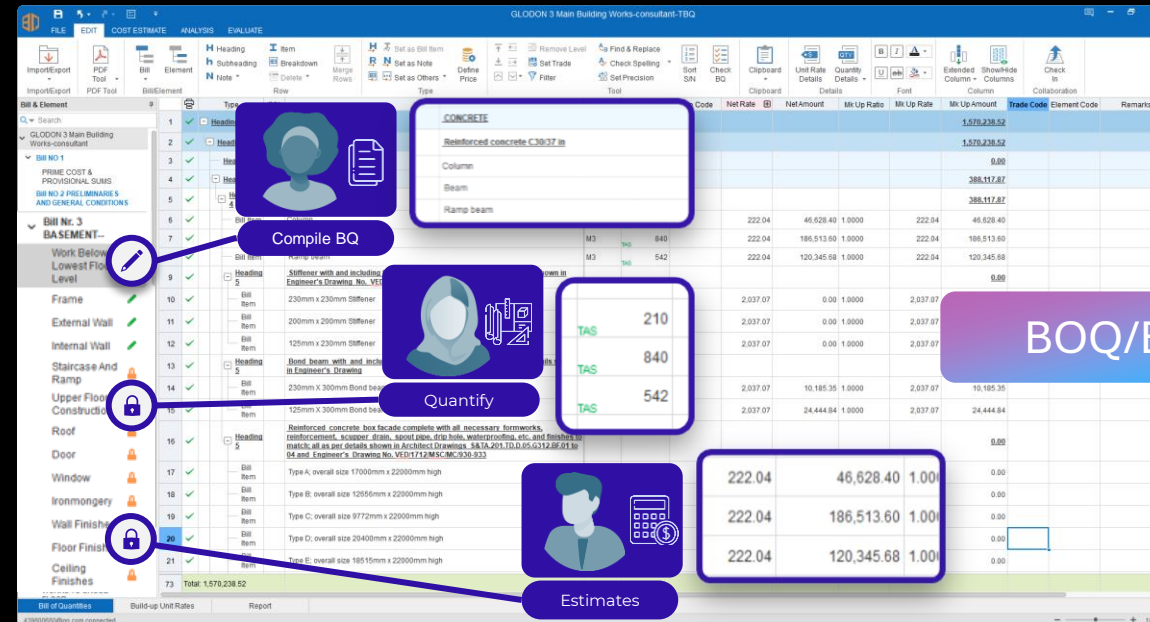
Automatic generate cable between panels & fitting for ducts.

Ready-to-use Quantities for You

Get **ready-to-use** quantities for your BOQ from your 5D model, all traceable for checking



Connect Model to BOQ, Collaborate for Faster BOQ



Compile BQ

Quantify

Estimates

BOQ/Bid

5D Model

View Quantity by Category

Set Floor Range Set Classification and Quantity Template

Column	Material	Concrete Grade	Volume(m3)	Area of formwork(<=3.5 m)(m2)	Area of formwork for strutting high(3.5-5m)(m2)	Area of formwork for strutting high(5-6.5m)(m2)	Area of formwork for strutting high(6.5-8m)(m2)	Quantity
Wall								
Door								
Wall Opening								
Lintel								
Beam								
In-situ Slab								
Spiral Slab								
Staircase								
	Concrete	C12/15	5.828	14.700	6.300	6.195		
		C16/20	5.085	10.996	4.712	4.066		
		C25/30	5.085	10.996	4.712	4.634		
		C30/37	209.818	97.857	163.095	163.095	163.095	
		C48/60	5.085	10.996	4.712	4.634		
		C50/60	134.655	332.883	107.872	98.188		
		C70/85	5.828	14.700	6.300	6.195		
		C80/95	5.828	14.700	6.300	6.195		
		C90/105	5.828	14.700	6.300	6.195		
	Total		383.040	522.527	310.304	299.397	163.095	

Default Template

Show Subtotal Show Association Status Filter Associated Item Reversely-Check Model

Get ready-to-use quantities for your BOQ from your 5D model, all traceable for checking

Steel Structure

Cubicost TAS

Glodon 10TM



Flexi Steel Libraries
Updated New Steel Library
with Editing Flexibility

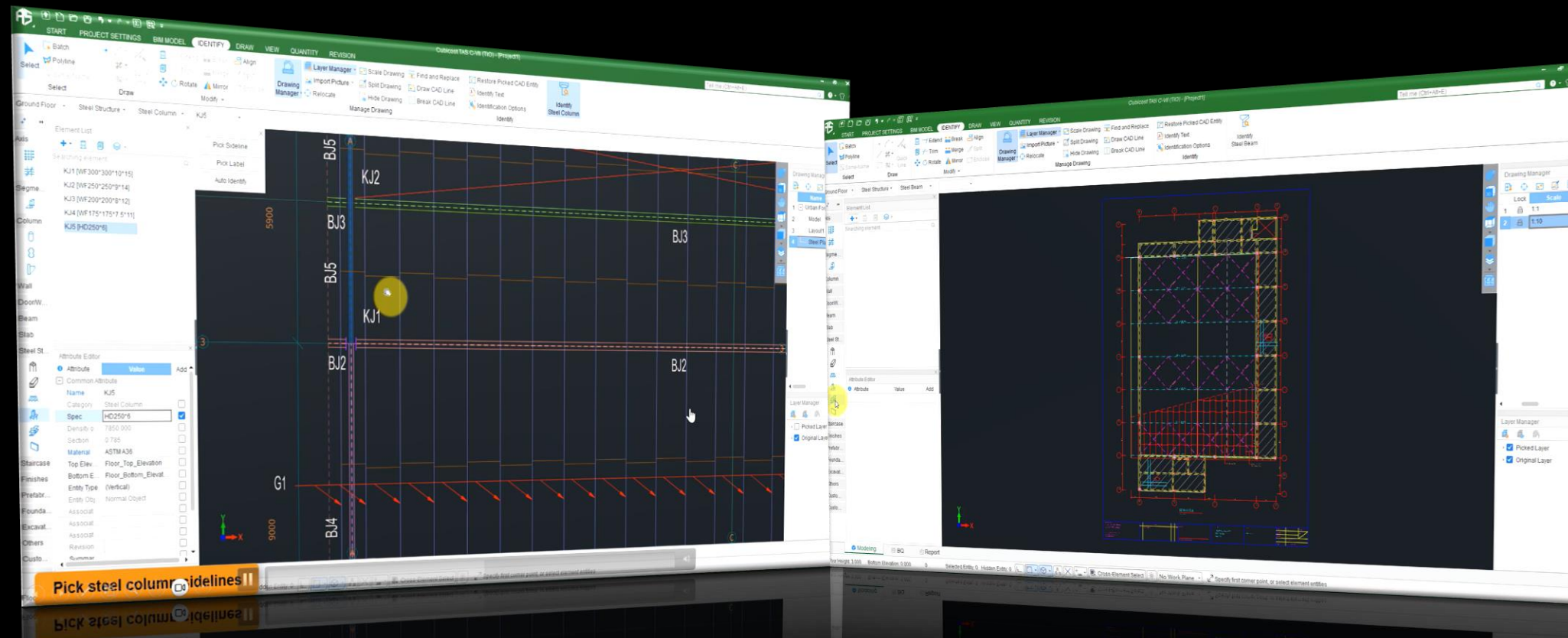


Automation Modelling
Automatically Identify &
Modify Modelling



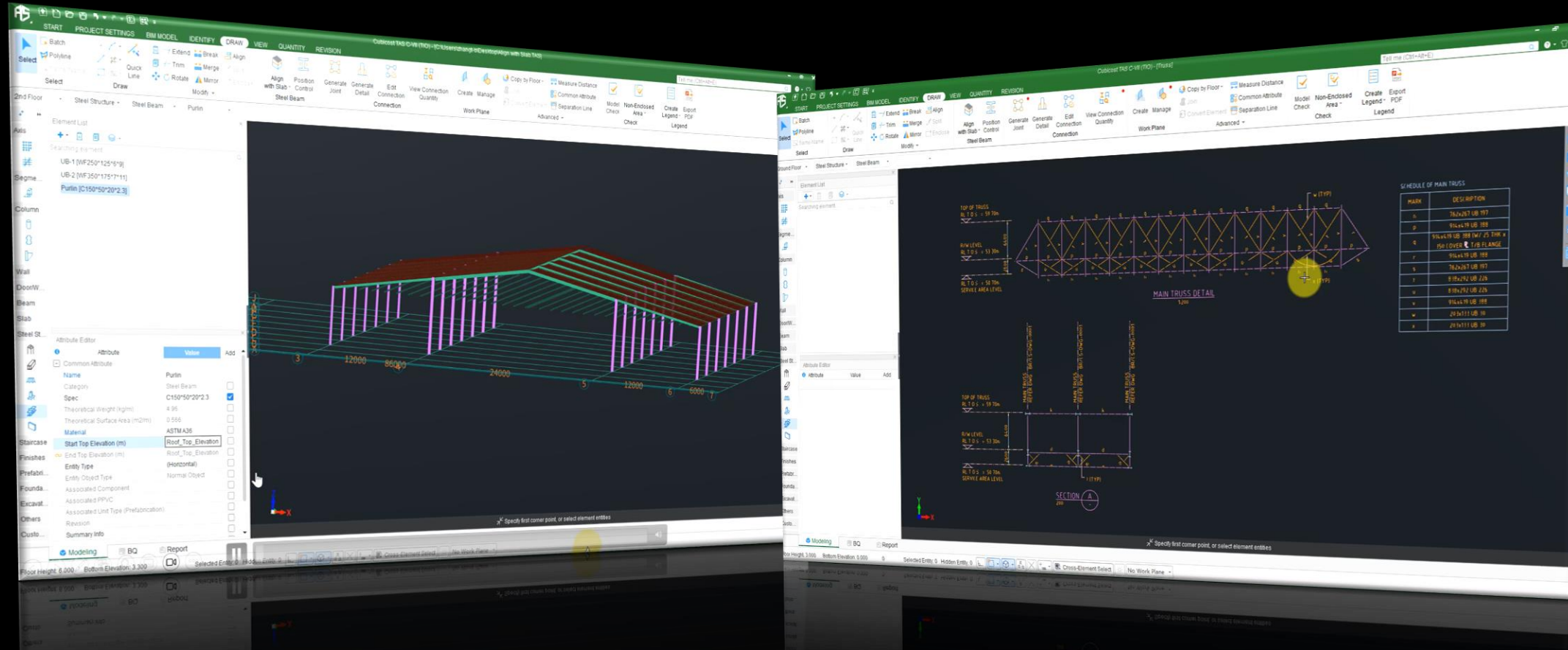
Reporting
Steel Structure Report With
Connections Numbering

Modeling Automation – Identification for Steel



Faster modeling with steel identification. Now support **auto-identification** for steel beam and steel column.

Modeling Enhancement – Align to Roof and Workplane

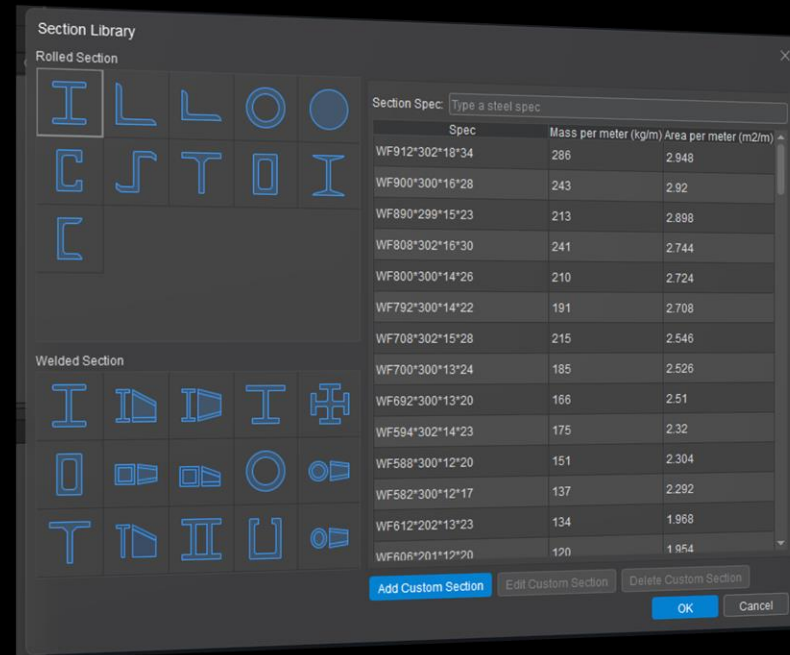


Easier and more precise steel structure modeling with **fast alignment**.

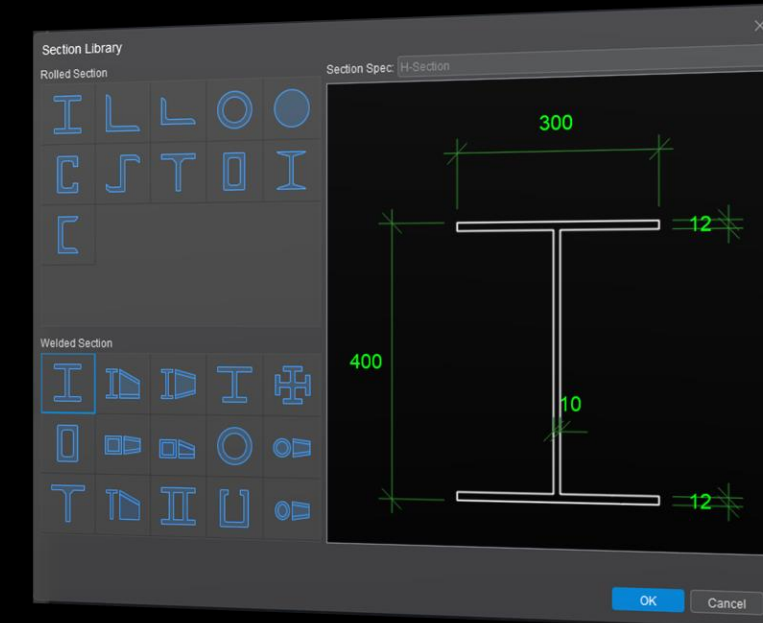
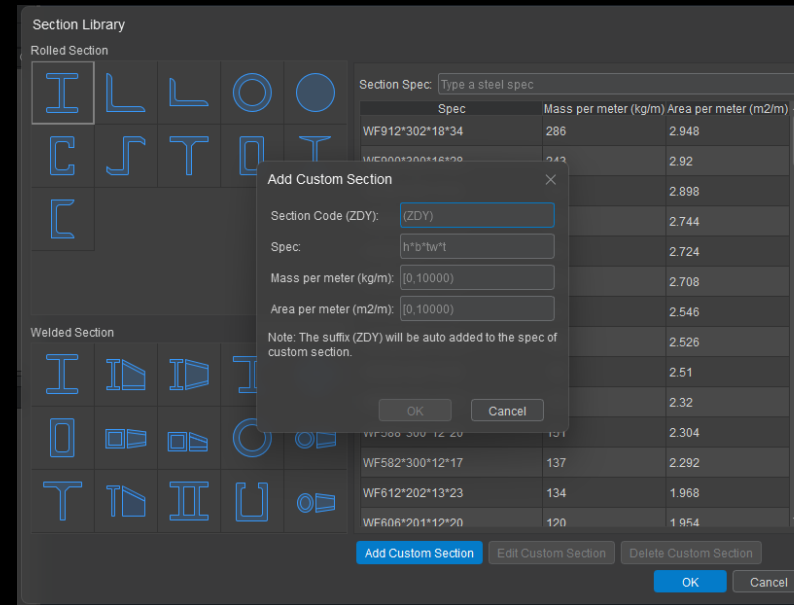
Faster and easier truss modeling via **workplane**.

Updated Steel Library with Editing Flexibility

Complete steel library

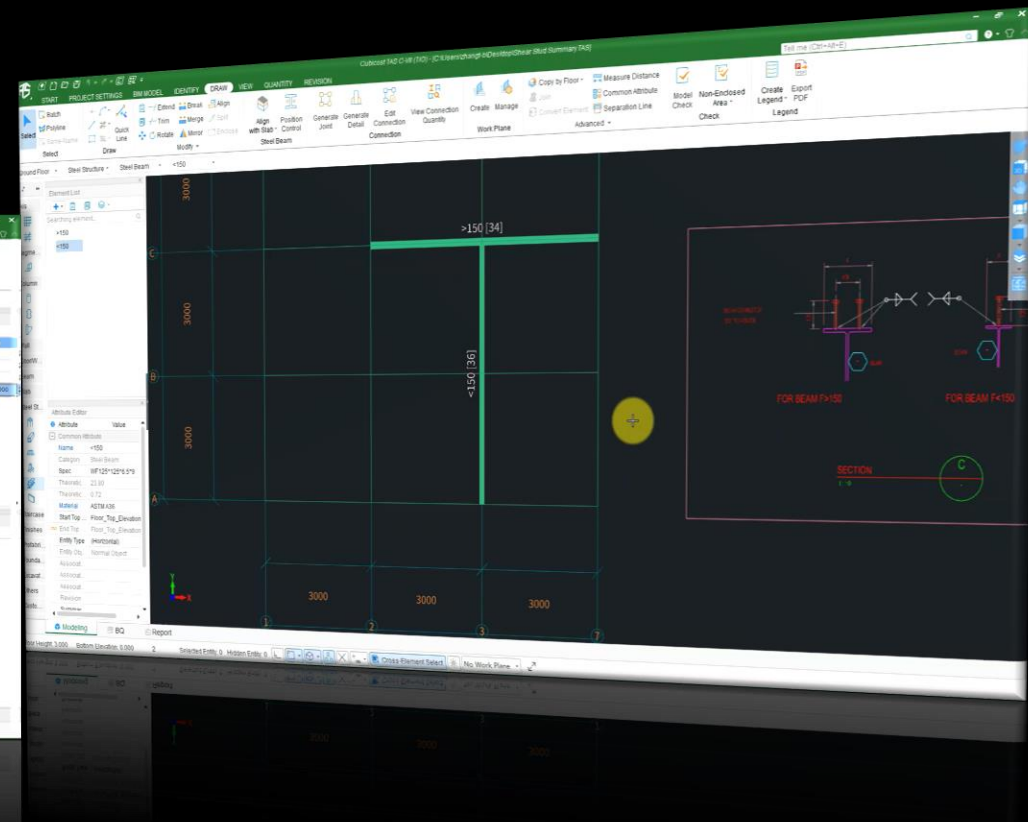
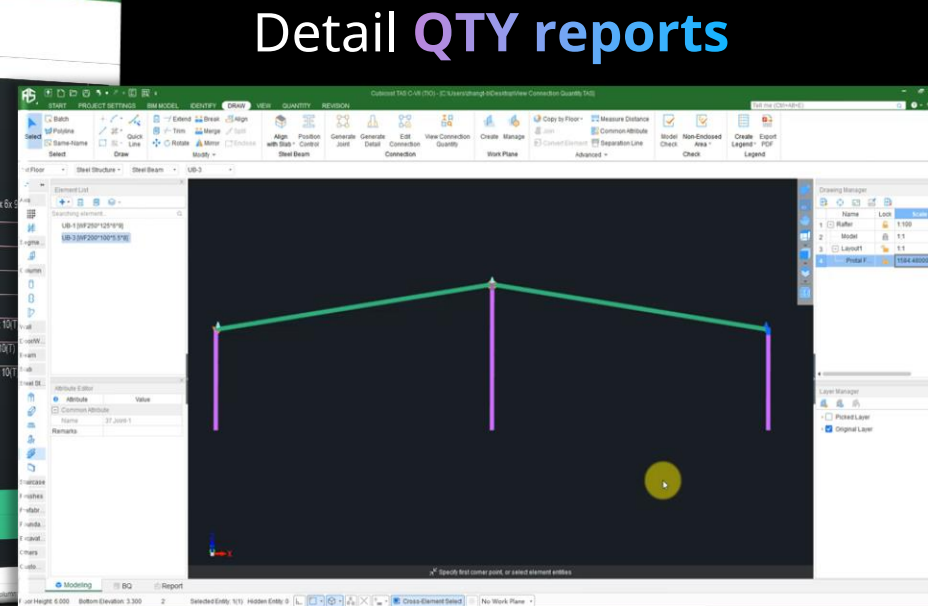
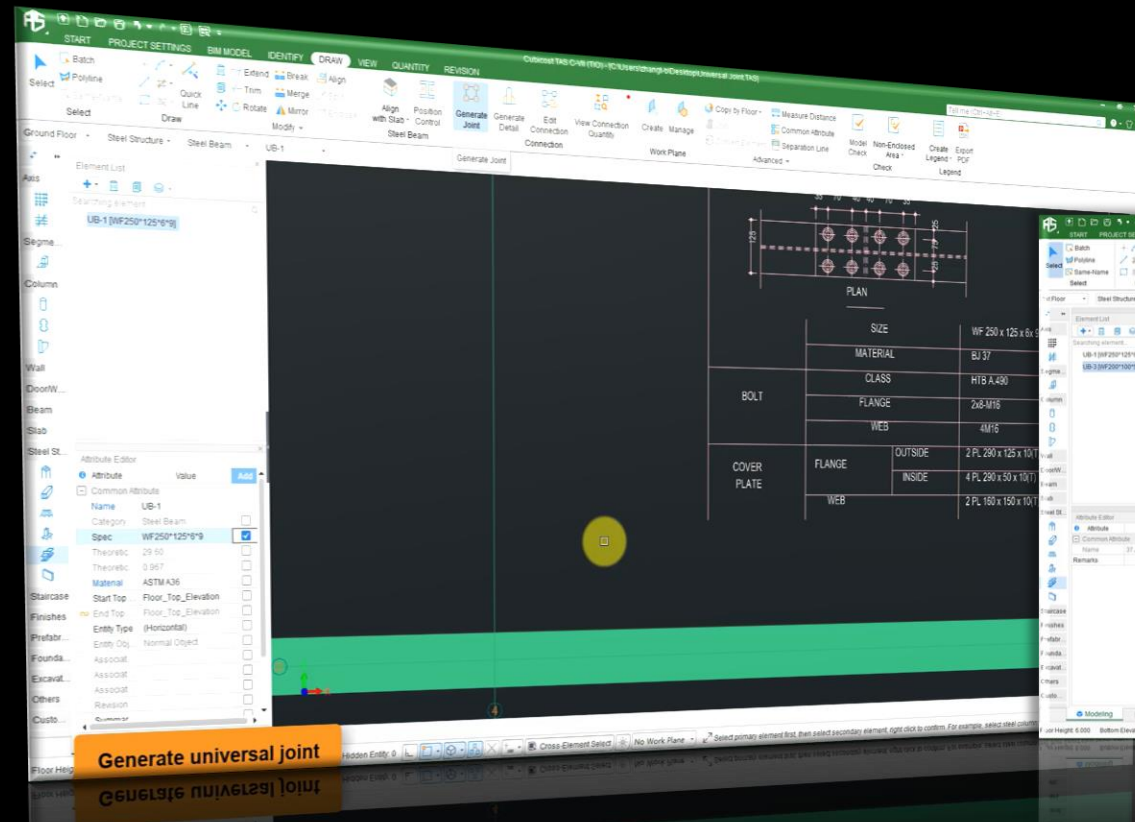


Custom Profile Section



Connection Modeling – Universal Joint, Shear Stud, Report

Calculate bolt connection Calculate shear studs



Various Enhancement

Cubicost TME



Ducting Enhancement

Updated with more robust
control and identification



Identification Enhancement

Automatically Identify &
Modify Modelling

Glodon 10™



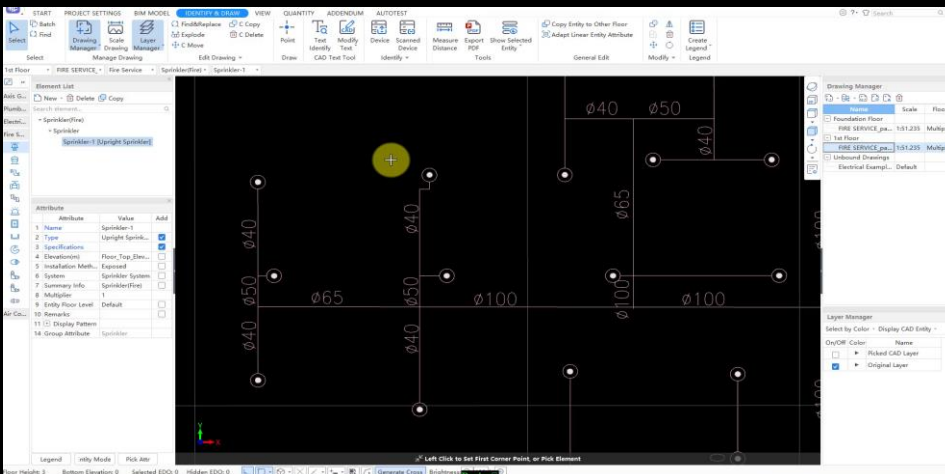
Reporting Enhancement

Reporting Enhancement

Identification Enhancement

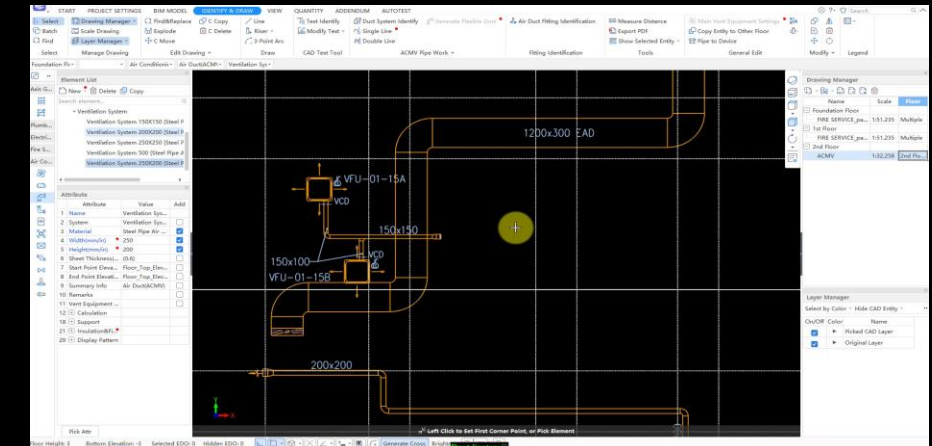
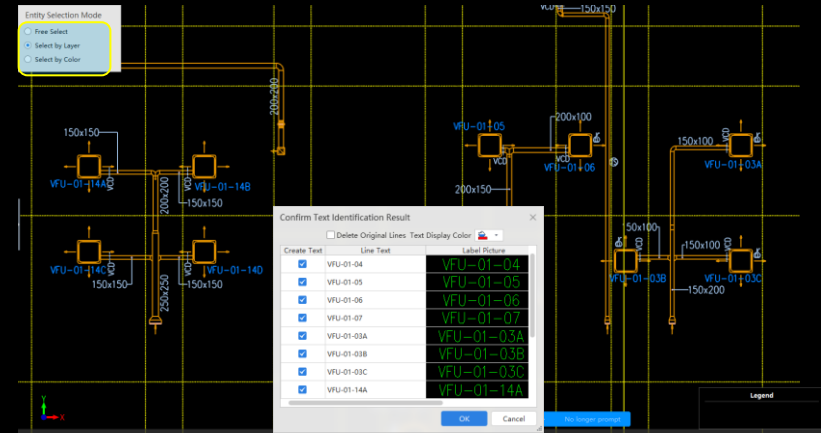
Improved Legend Identification.

Support multiple floor identification for the same legends.

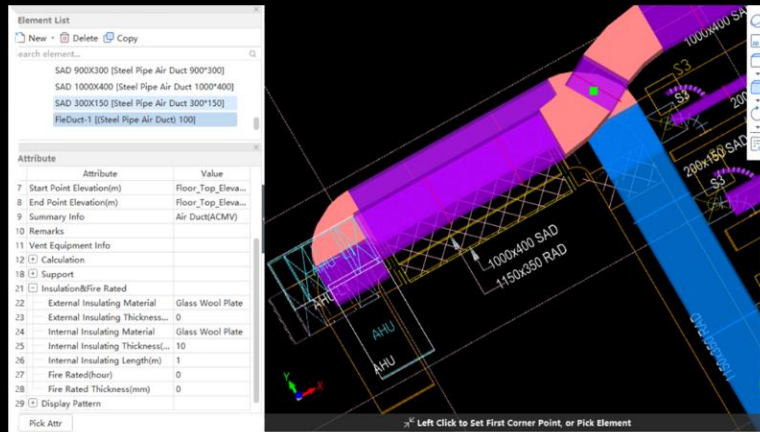


Improved Text Identification.

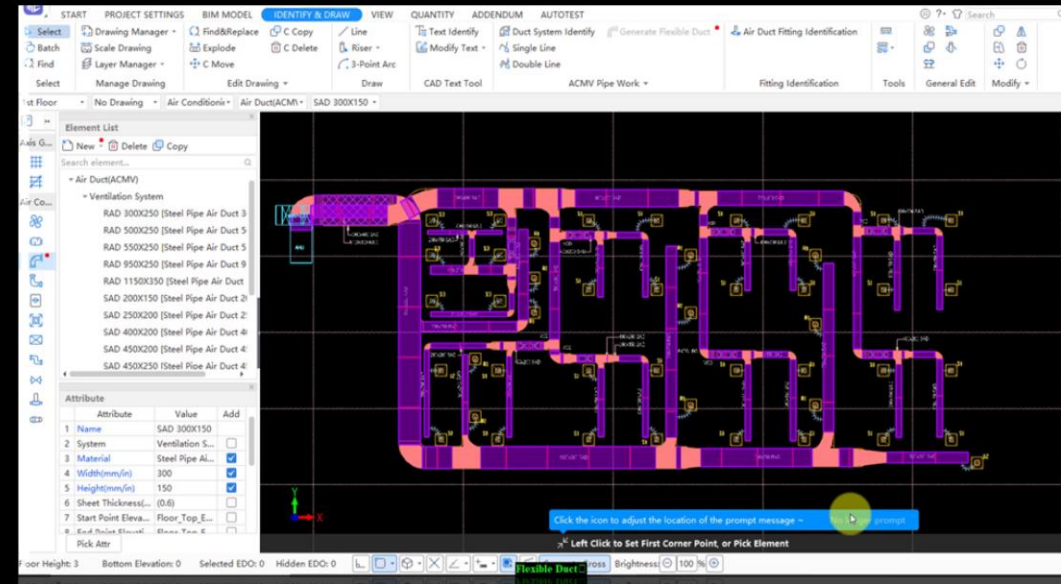
Improved text identification capability when dealing with broken text from PDF drawings, now identifiable in TME.



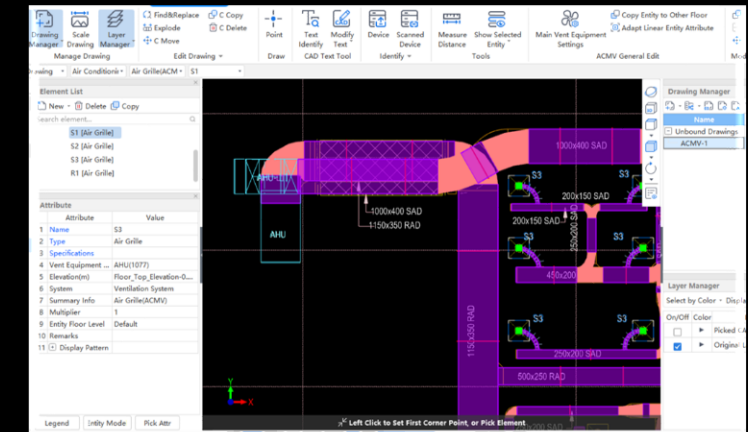
Ducting Enhancement



Insulation length calculation which different with the duct length. Use TME to set custom insulation length only for some part of the ducting.



Automatic Identification of Flexible pipe, offering more powerful 5D Quantity Takeoff



Categorize duct volume to specific equipment, offering more flexibility with the reporting.

Ducting Enhancement – Volume Summary

View Quantity by Category

Element Type: Air Conditioning & Mechanical Ventilation

Summary

Element Type	Name	Specifications Diameter(W*H*Thk)	Quantity(nos.)	Expanded Area(m ²)
AIR DUCT(ACMV)	SAD 300X150	300*150(0.6)	0.000	51.020
AIR DUCT(ACMV)	SAD 400X200	400*200(0.6)	0.000	41.667
AIR DUCT(ACMV)	SAD 450X200	450*200(0.8)	0.000	5.529
AIR DUCT(ACMV)	SAD 450X250	450*250(0.8)	0.000	5.877
AIR DUCT(ACMV)	SAD 500X300	500*300(0.8)	0.000	13.845
AIR DUCT(ACMV)	SAD 750X300	750*300(0.8)	0.000	18.563
AIR DUCT(ACMV)	SAD 900X300	900*300(0.8)	0.000	15.992

Summary Setting

Element Type

- ☒ Air Conditioning & Mechanical Ventilation
 - ☒ Equipment(ACMV)
 - ☒ Air Duct(ACMV)
 - ☒ Air Duct Fittings(ACMV)
 - ☒ Air Grille(ACMV)

Classification Condition

Attribute	Use Sign
1 Floor	<input checked="" type="checkbox"/>
2 Region	<input checked="" type="checkbox"/>
3 System	<input type="checkbox"/>
4 Vent Equipment I...	<input checked="" type="checkbox"/>
5 Element Type	<input checked="" type="checkbox"/>
6 Name	<input checked="" type="checkbox"/>
7 Specifications/Dia...	<input checked="" type="checkbox"/>
8 Legend Disp	<input type="checkbox"/>

Element Quantity

Quantity Name	Display
Quantity(nos.)	<input checked="" type="checkbox"/>

Summary Setting | Export to Excel | Export to Existing Excel | ☐ Show Subtotal

OK | Cancel


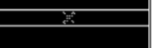



Summarizing make easier. Extract the quantities from TME directly and quickly input the volume to your BOQ with customizable reports.

Now support all trades to be viewed as one report instead of separated files.

Robust Reporting – Legends and Landscape Mode

View Quantity by Category

Element Type: Electrical Lighting Fixture(Elec)

Classification Condition						Quantity
Name	Legend Disp	Floor	Specifications	Remarks	Quantity(nos.)	
1 20W RECESSED		FOUNDATION FLOOR	220V 20W	<NULL>	127.000	
2 2X22W T8 LED		FOUNDATION FLOOR	220V 22W	<NULL>	201.000	
3 LED EMERGENCY LIGHT		FOUNDATION FLOOR	220V 36W	<NULL>	112.000	
4 LED EMERGENCY LIGHT-1		F1	220V 36W	<NULL>	2.000	
5				TEST 1	1.000	
6		FOUNDATION FLOOR	220V 36W	<NULL>	3.000	
7 LED KELAR LIGHT		FOUNDATION FLOOR	220V 36W	<NULL>	11.000	
8	Total				457.000	

Set Element Range Set Classification and Quantity Export to Excel Export to Existing Excel ☐ Show Subtotal Exit

Set Classification and Quantity

Element Type: Fire Service

Classification Condition

Attribute	Use Sign
1 Name	<input checked="" type="checkbox"/>
2 Floor	<input checked="" type="checkbox"/>
3 Region	<input type="checkbox"/>
4 Type	<input type="checkbox"/>
5 Specifications	<input type="checkbox"/>
6 Installation Method	<input checked="" type="checkbox"/>




Element Quantity

Quantity Name	Display
1 Quantity(nos.)	<input checked="" type="checkbox"/>

☐ Portrait ☒ Landscape

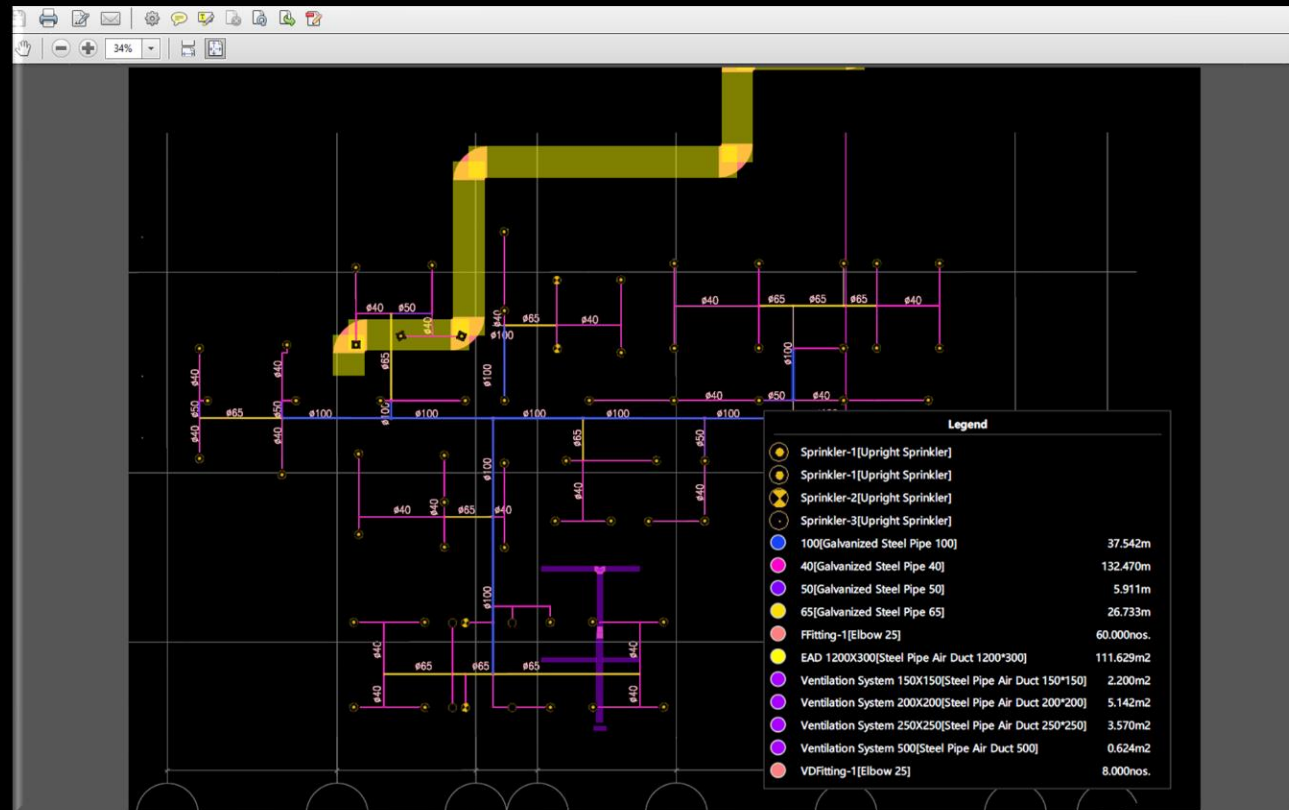
View Quantity by Category

Element Type: Fire Service Sprinkler(Fire)

Classification Condition			Quantity	
Name	Installation Method	Legend Disp	Quantity(nos.)	
			Foundation Floor	Total
1 Sprinkler-1	Exposed		59.000	59.000
2 Sprinkler-2	Exposed		4.000	4.000
3 Sprinkler-3	Exposed		4.000	4.000

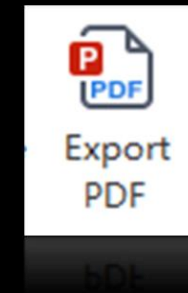
Set Element Range Set Classification and Quantity Export to Excel Export to Existing Excel Exit

Claims & VOs Demarcation with Exported Legends



Use TME to calculate Variation Orders and Claims.

Use region in TME to do annotation on which part have been installed on site, and export them to quantities (Excel) and drawing attachments (PDF).



Data Continuity

Tender stage data continuity to project stage

How many **quantity data** do you pass on from tender stage to construction stage?

How much **recalculation** do you do in construction stage?

How much **internal dispute** occurs due to this issue?

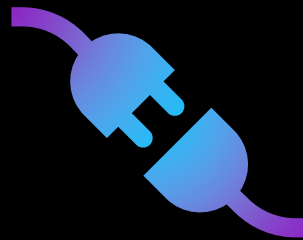


Project Stage

QTO

Cubicost TAS
Cubicost TRB

Glodon 10[™]



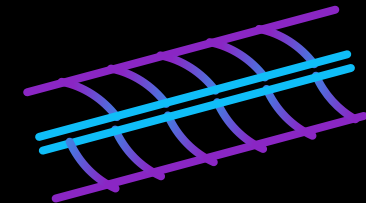
Data Continuity



**Powerful
Segmentation**

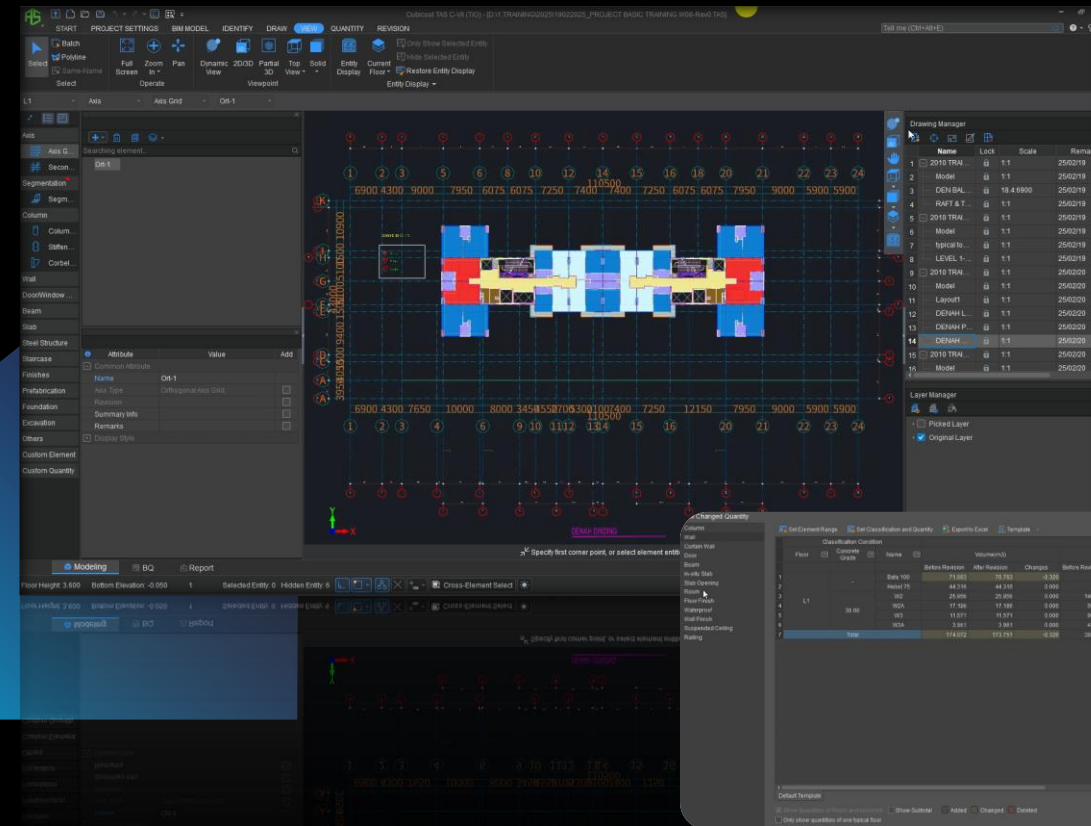
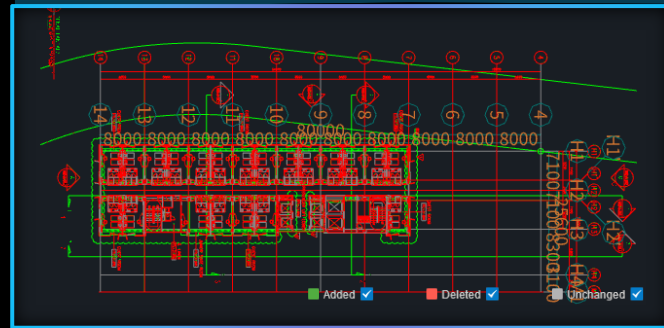
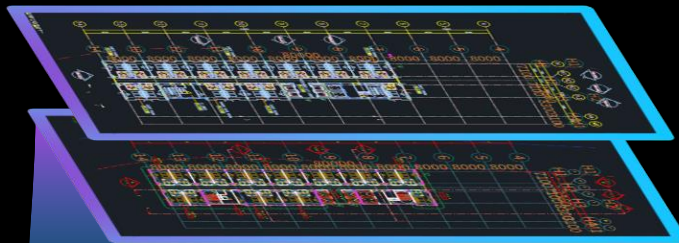


Tile Calculation



Rebars

Data Continuity: Keep Your Volume Correct and Up-to-Date

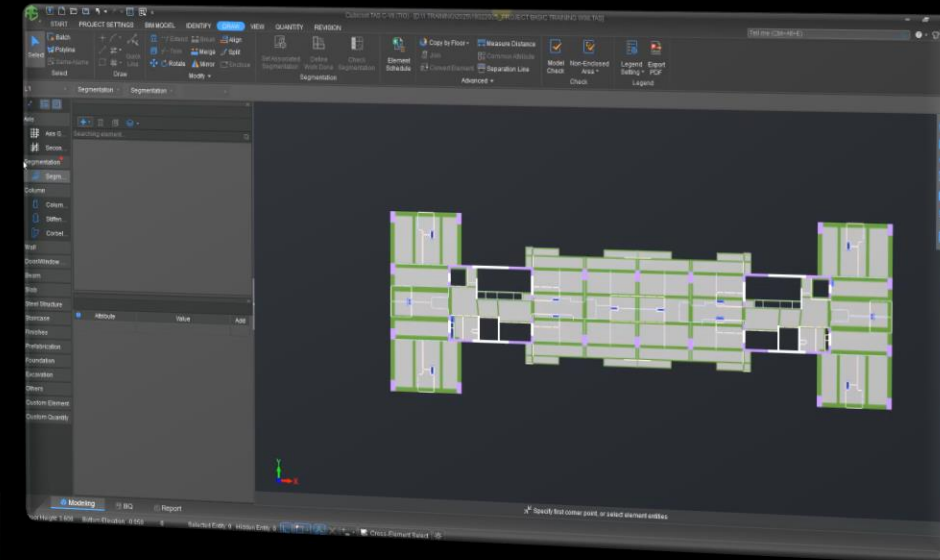
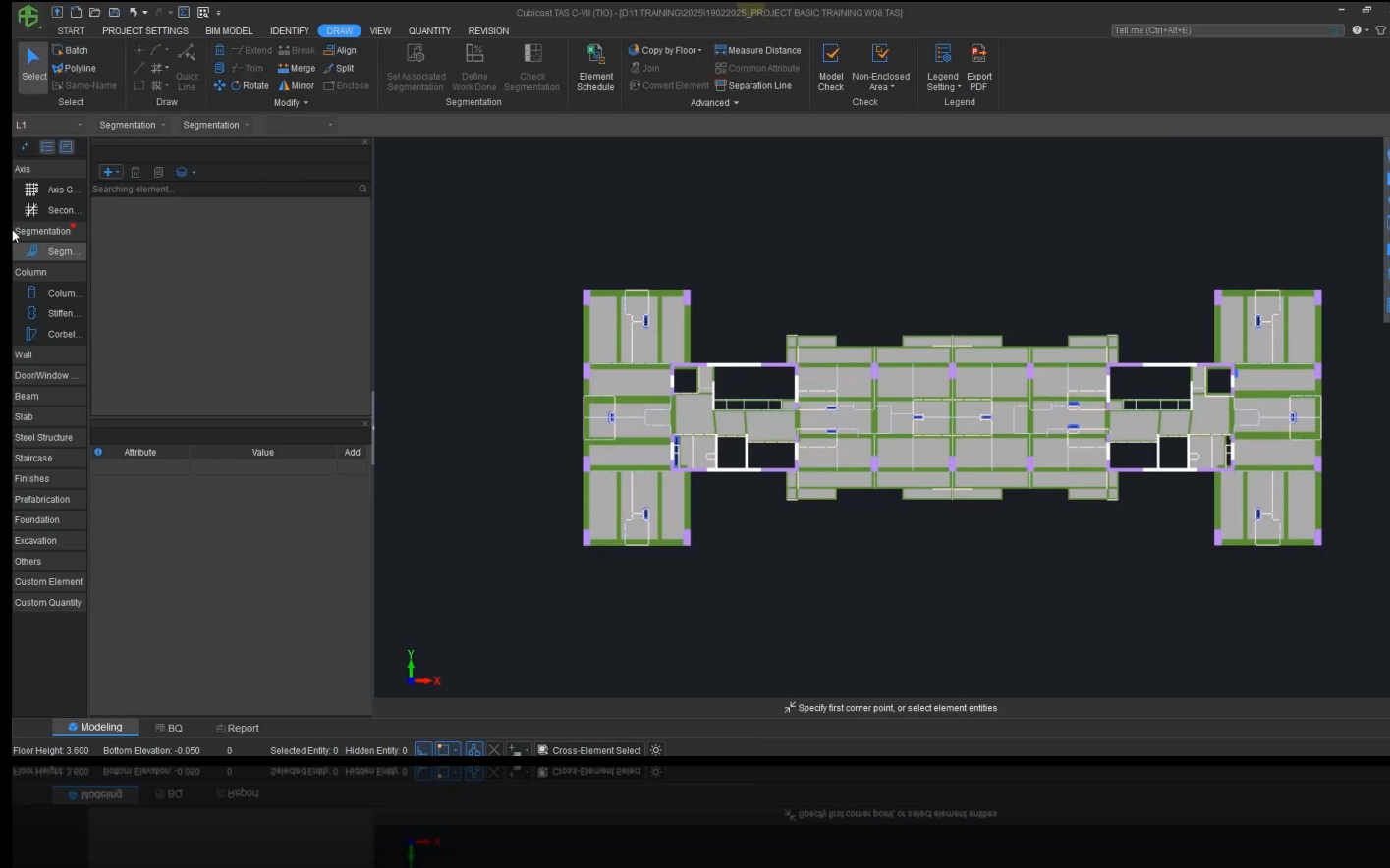


Compare your drawing and **modify** the changes on your model, then **get** your comparison.

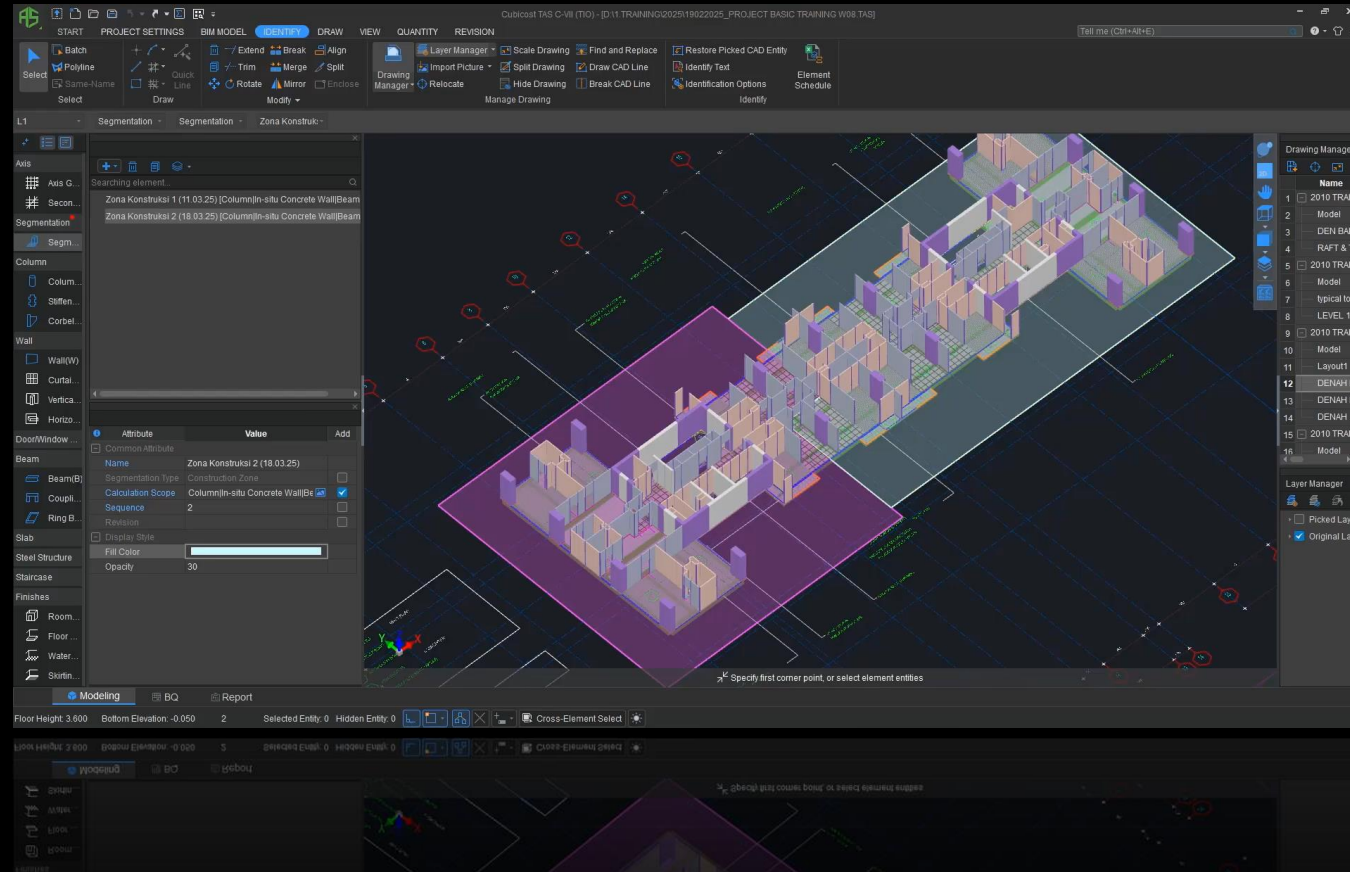
No recalculation. Faster **QTO**.
More Accurate Results up-to-date to your latest drawing.

How much formwork and concrete do I need?

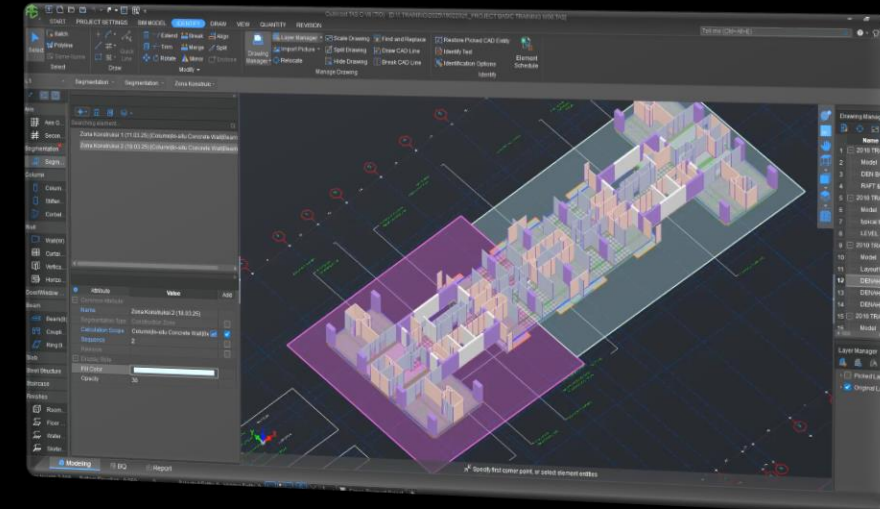
Calculate your formwork and concrete requirement as per construction zones & sequence
Use TAS to prepare demarcation of progress and **export them to PDF**.



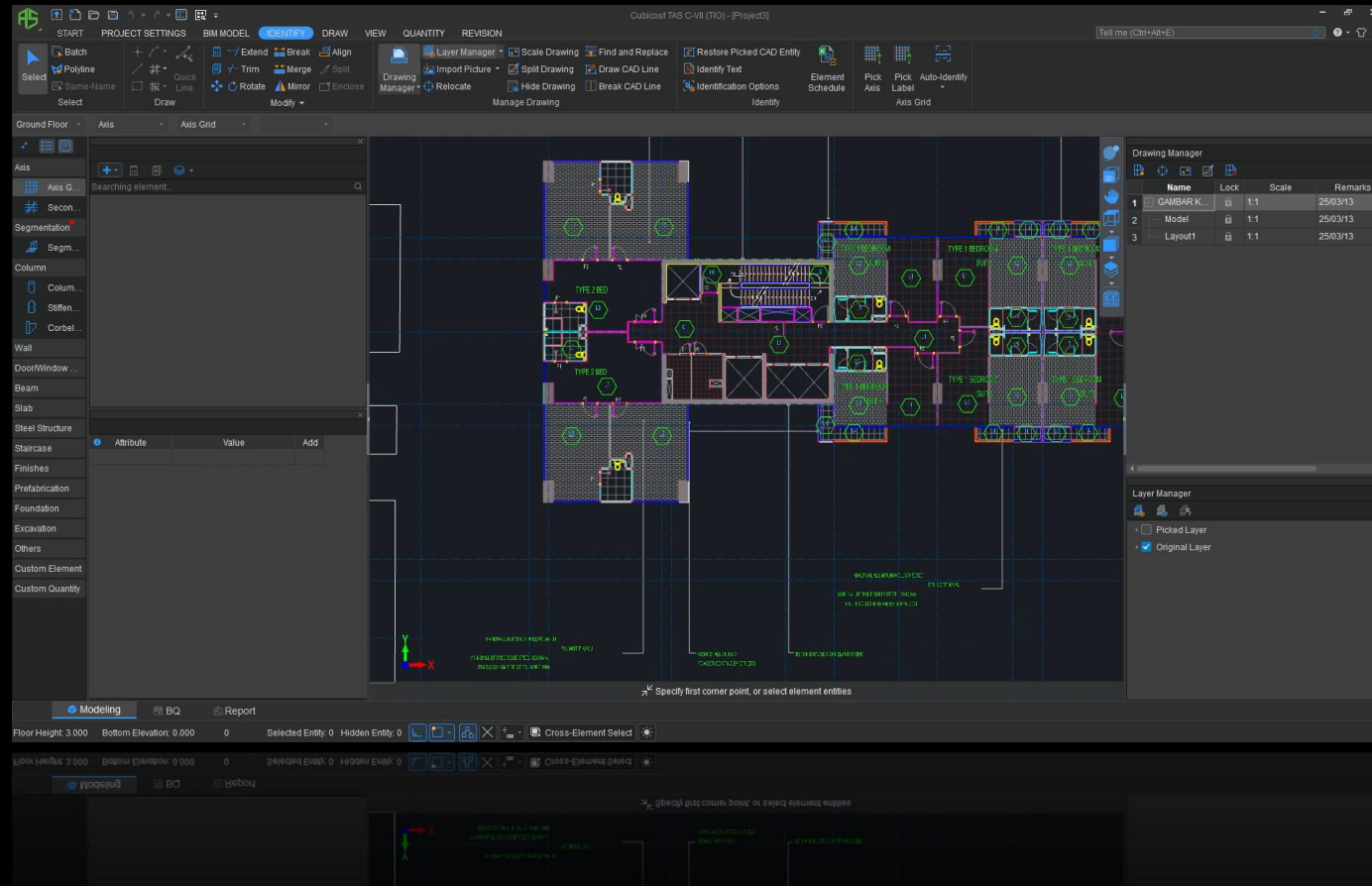
How much should I claim/pay?



Calculate how much you need to pay based on the construction progress. Re-use your tender model for quickly calculating progress volume based on real-mapping of the progress in actual project.



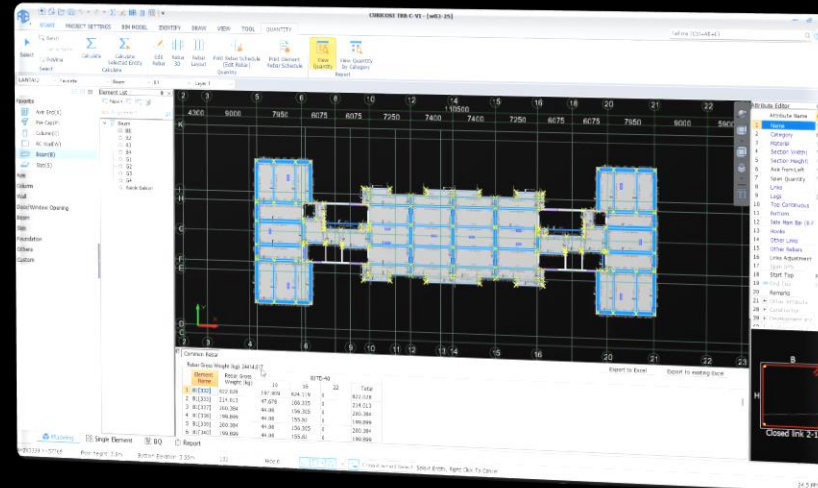
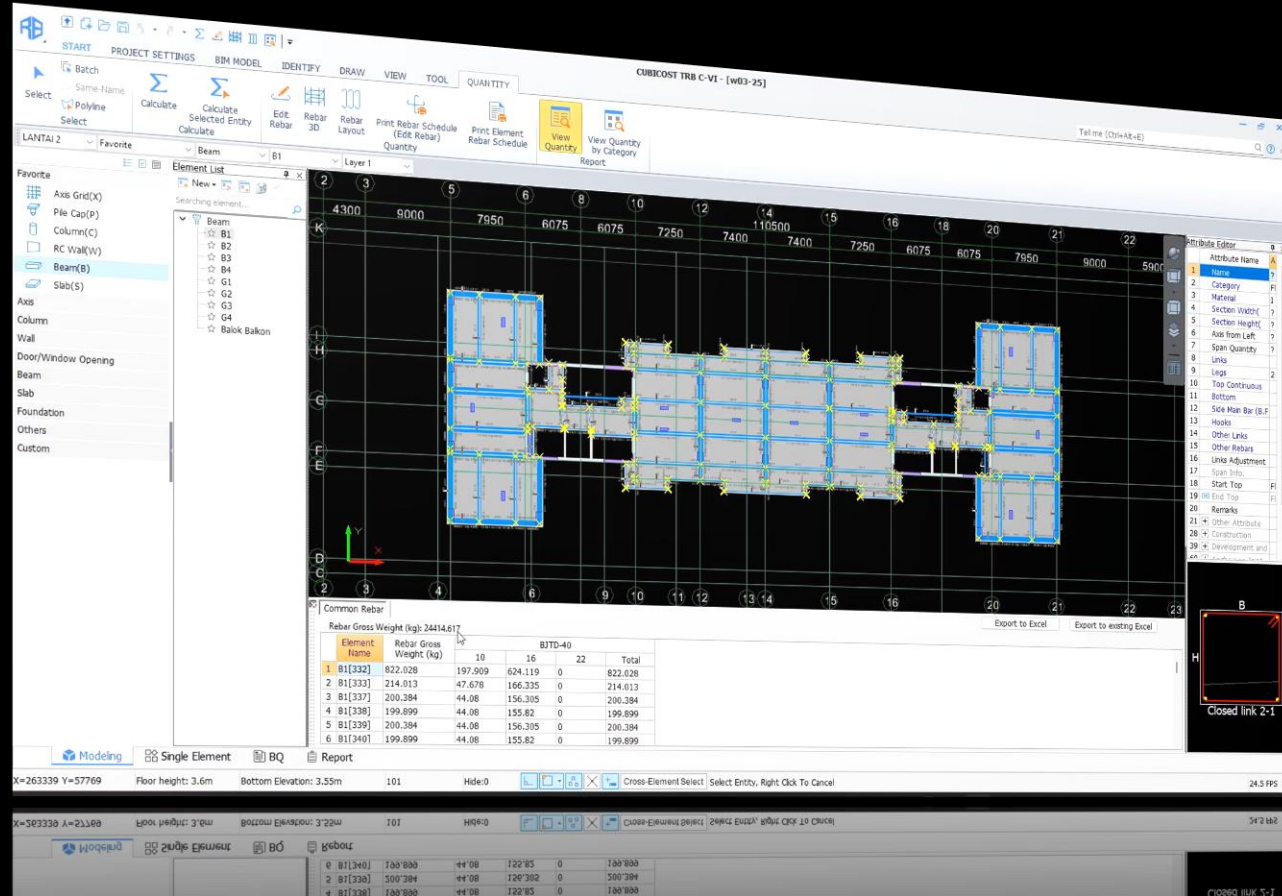
Tiles Need and Waste Simulation



Calculate how much tiles and waste you will produce based on your tile pattern in the drawing. Fast and accurate.

Track Volume Changes Due To Construction Sequence

Draw your construction zone, let TRB handle the details!
Use TRB to determine the volume of your rebar based on construction sequence and compare it with your available budget or make it as a reference for your purchase.



Available

NOW

Get your updates

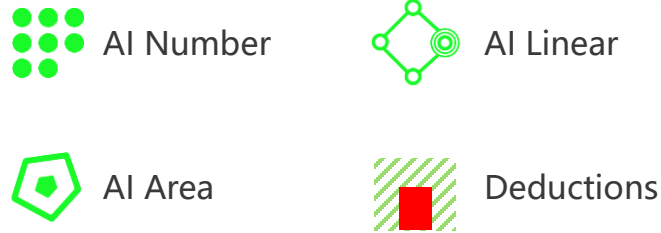


Cubicost TAS

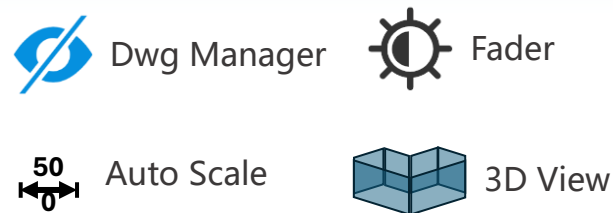
Lightweight Module

Smart & EASY 2D Takeoff

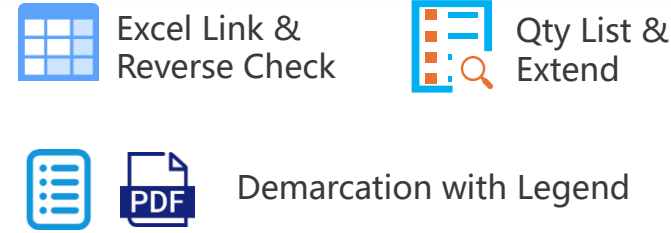
AI Empowered Taking-Off



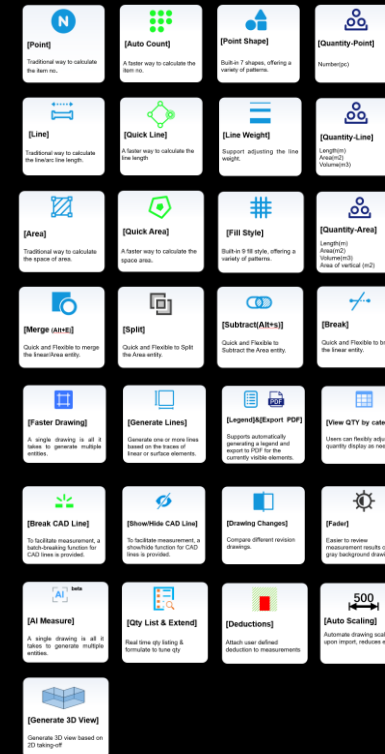
Smart Visual Assistance



Intelligent Qty Reporting

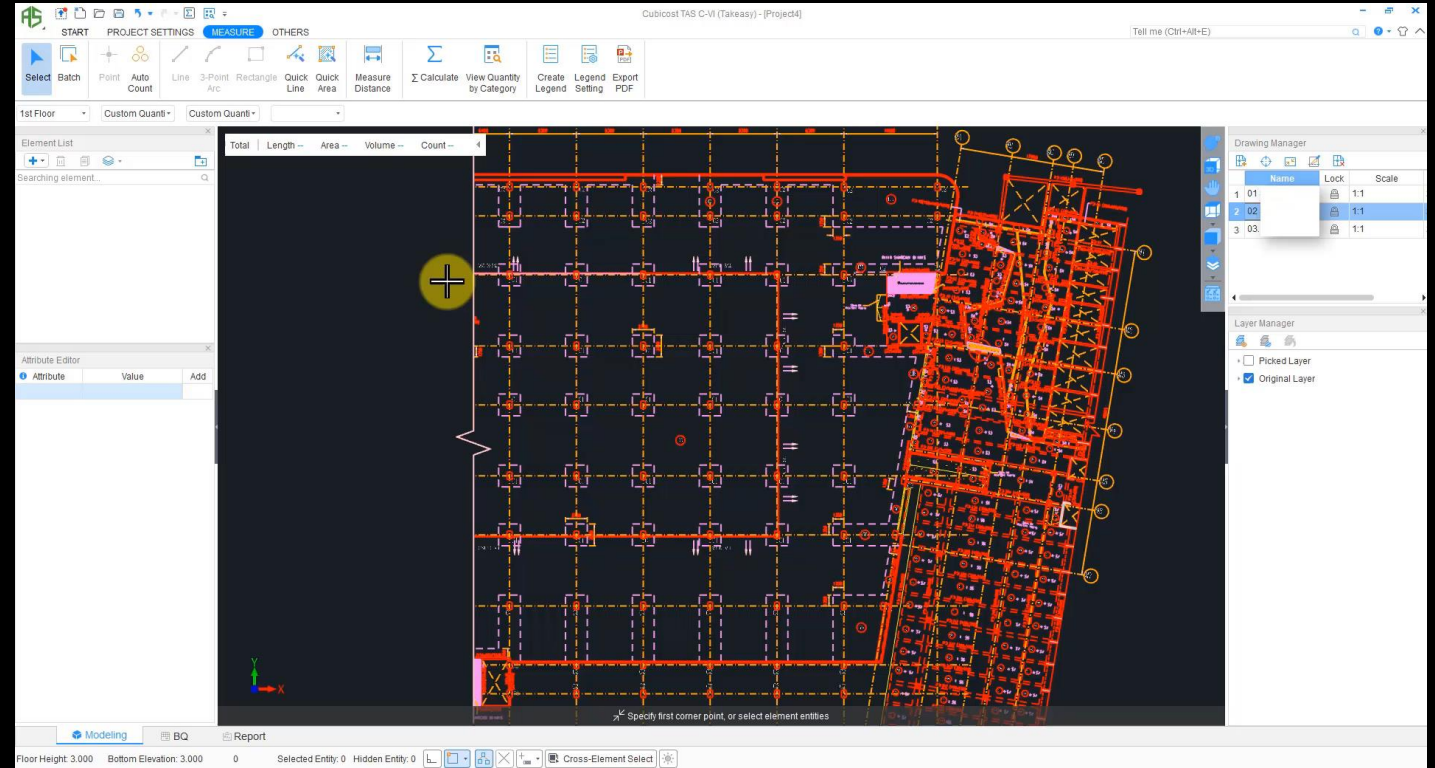
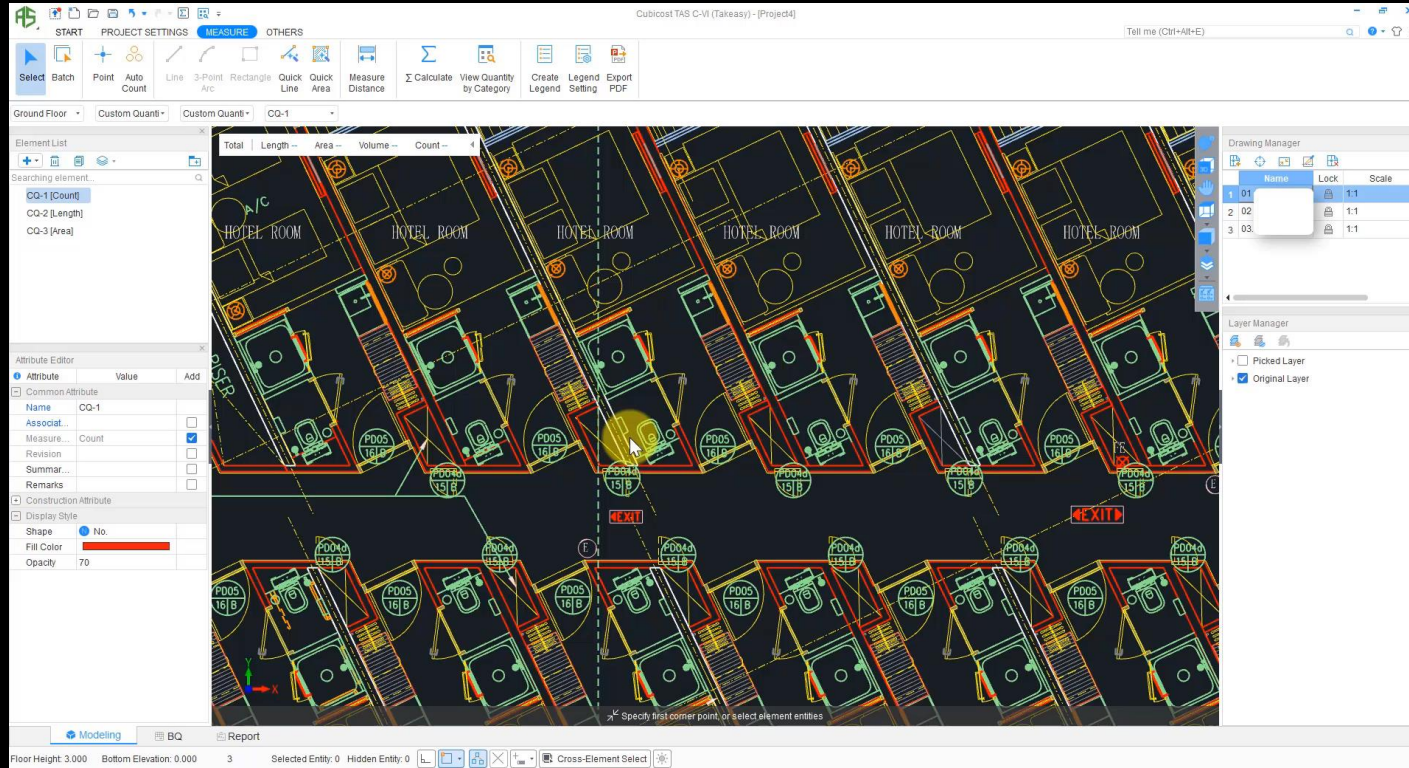


Others Quick-Witted Tools...

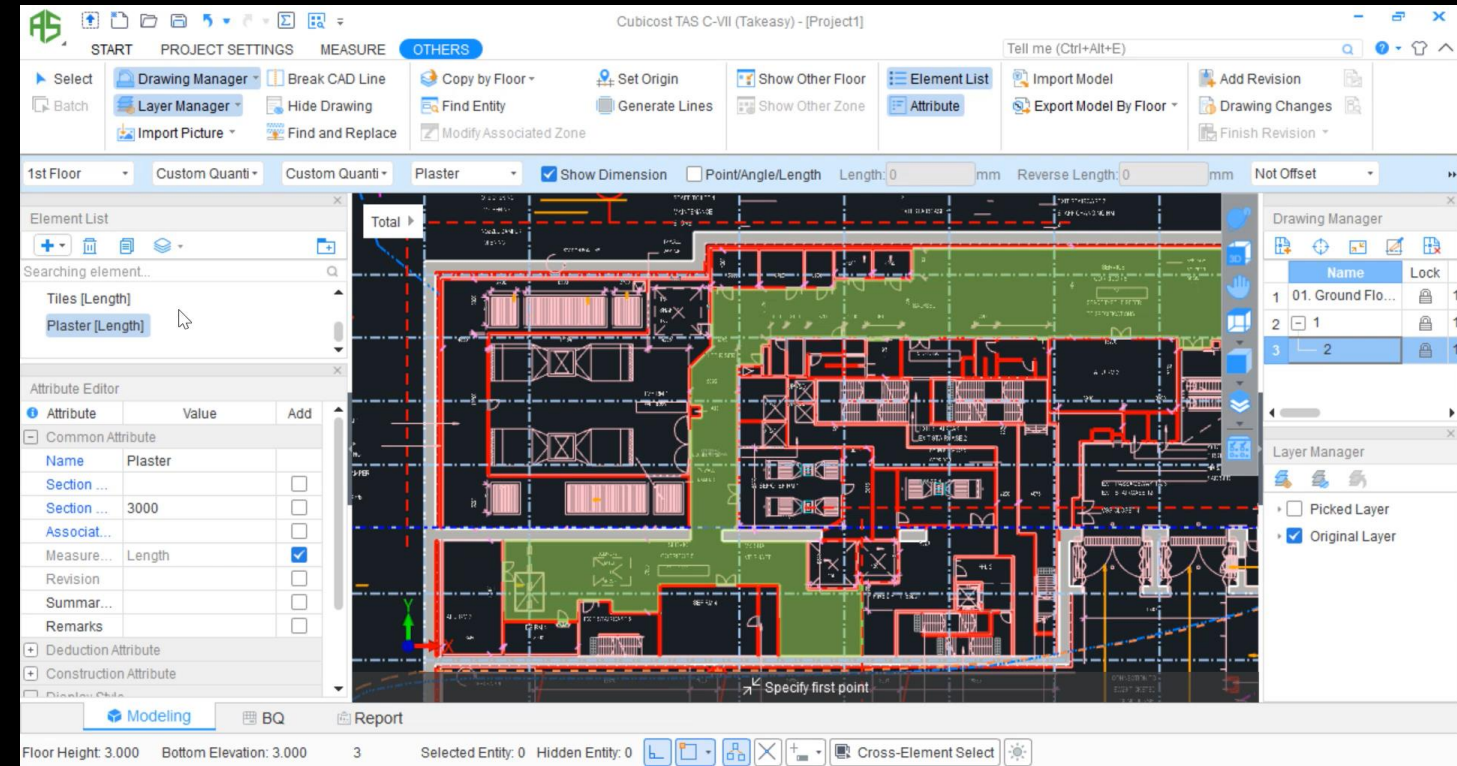
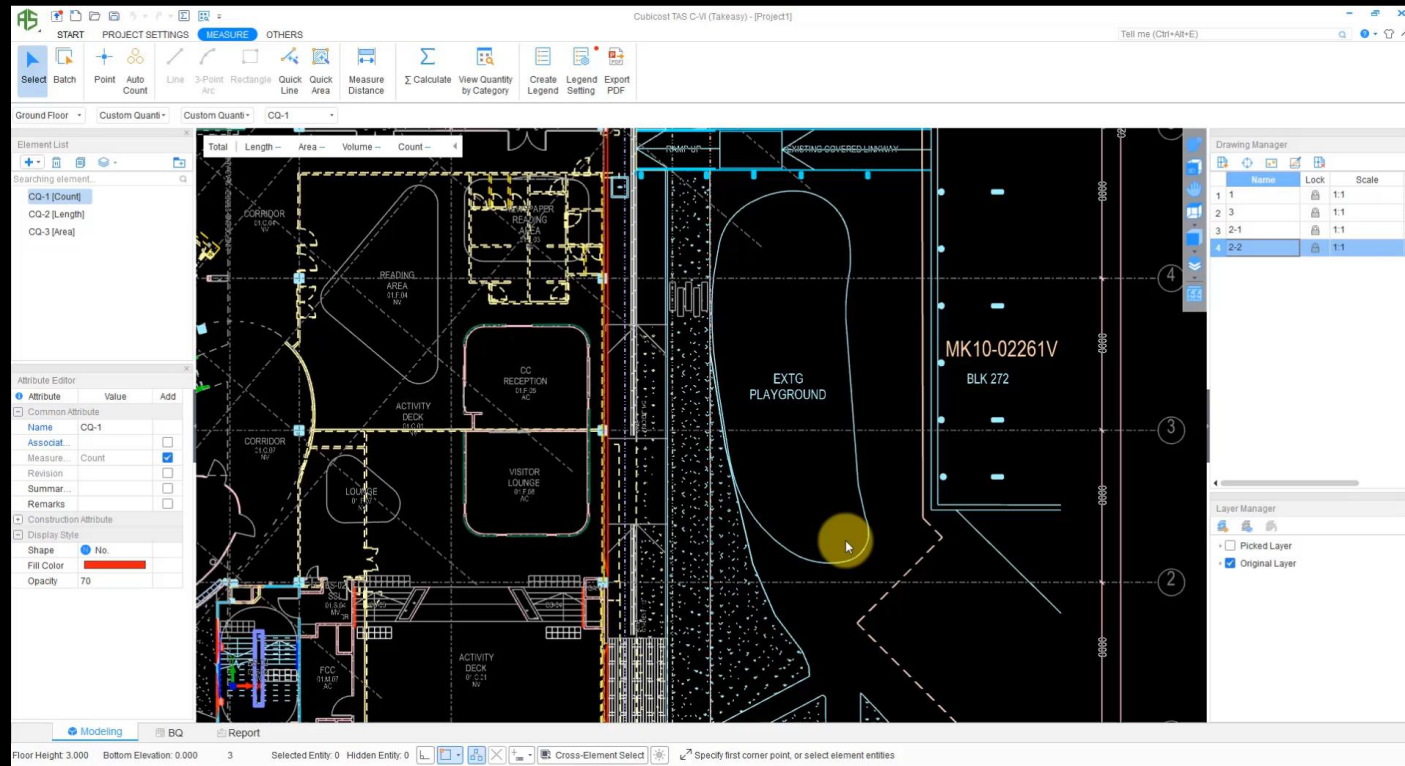


Tons of functionalities
empowering you to do quick quantity takeoff from 2D perspective.

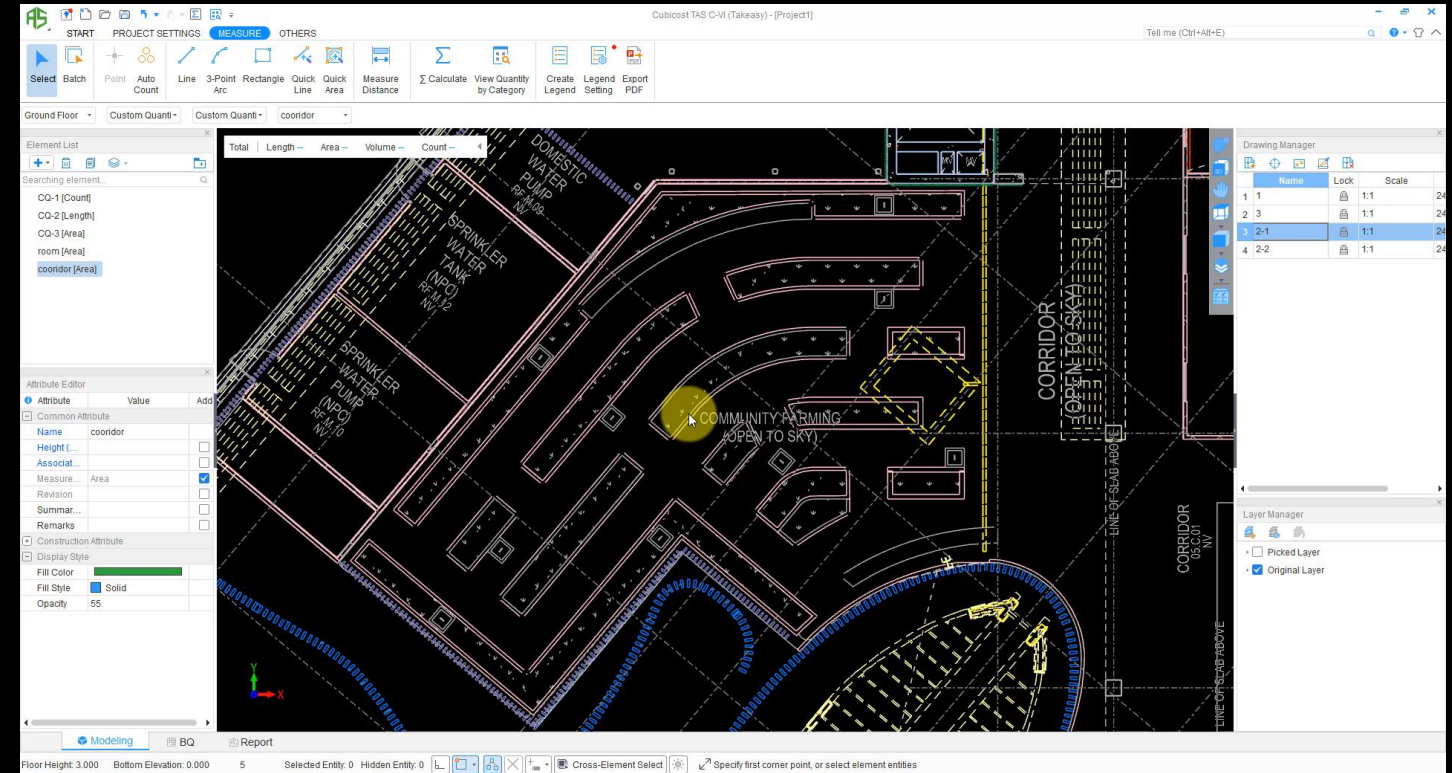
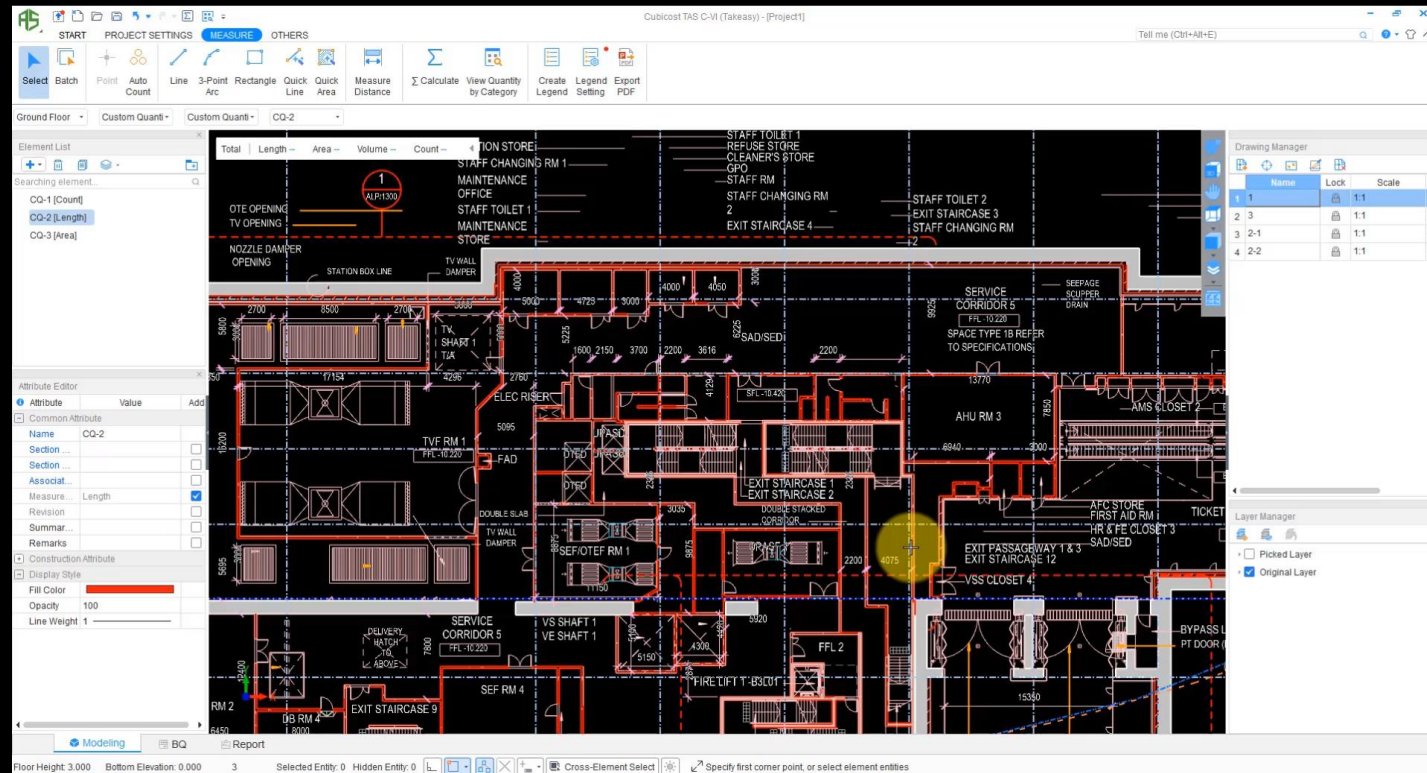
EASY Count for Unit Item



EASY Line for Length Item




EASY Area for Area Item



2D Deductions

Attribute Editor		
Attribute	Value	Add
+ Common Attribute		
- Deduction Attribute		
Door Label	D-1	<input type="checkbox"/>
Door Wid...	800	<input type="checkbox"/>
Door Hei...	2100	<input type="checkbox"/>
Door Count	1	<input type="checkbox"/>
Window ...		<input type="checkbox"/>
Window ...		<input type="checkbox"/>
Window ...		<input type="checkbox"/>
Window ...	1	<input type="checkbox"/>
Opening		<input type="checkbox"/>

Selected | Length 5.004 m | Area 0.000 m2 | Volume 0.000 m3 | Count 0



5.004 m

Select entity, right click to cancel

View Element Entity Quantity Expression

Element Type: Element Name: Wall [Length] Quantity Name: [All]

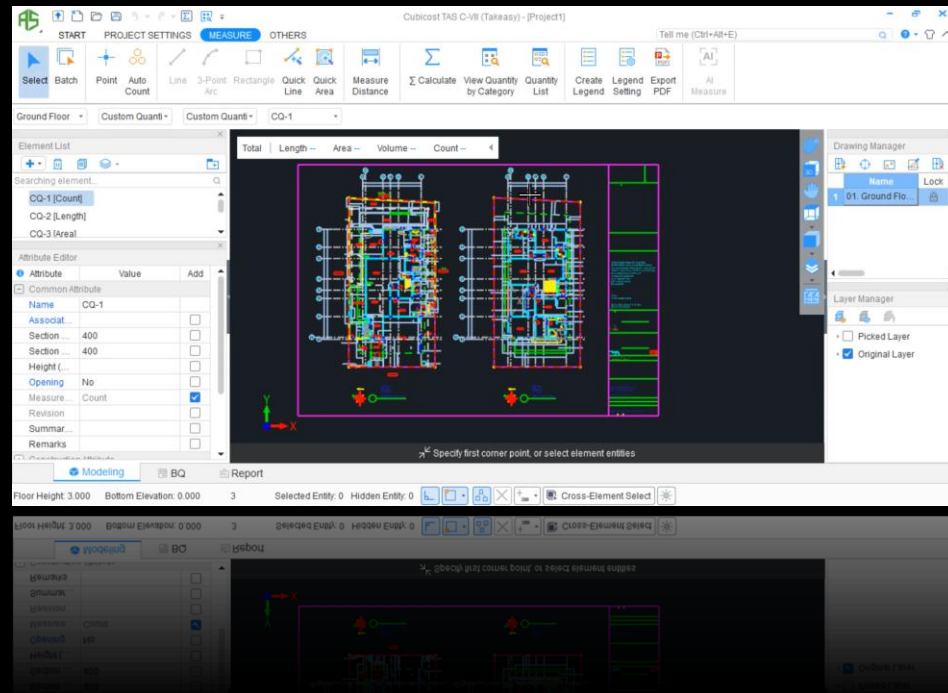
	Quantity Name	Quantity Expression	Quantity	Unit
1	Length		5.004	m
2	Area of vertical surface	$5.004 \times \text{Length} \times 3.000 \times \text{Section Height} - 1 \times \text{Door Count} \times 0.800 \times \text{Width of door} \times 2.100 \times \text{Height of door}$	13.331	m2

2D takeoff software with

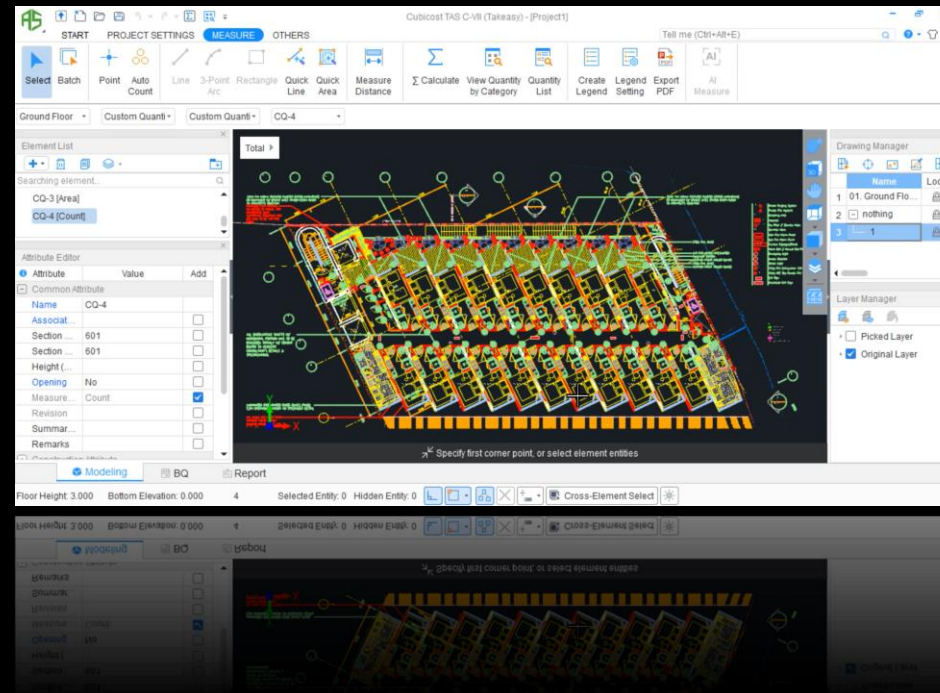
**built-in
deduction
capability.**

More Drawing Controls

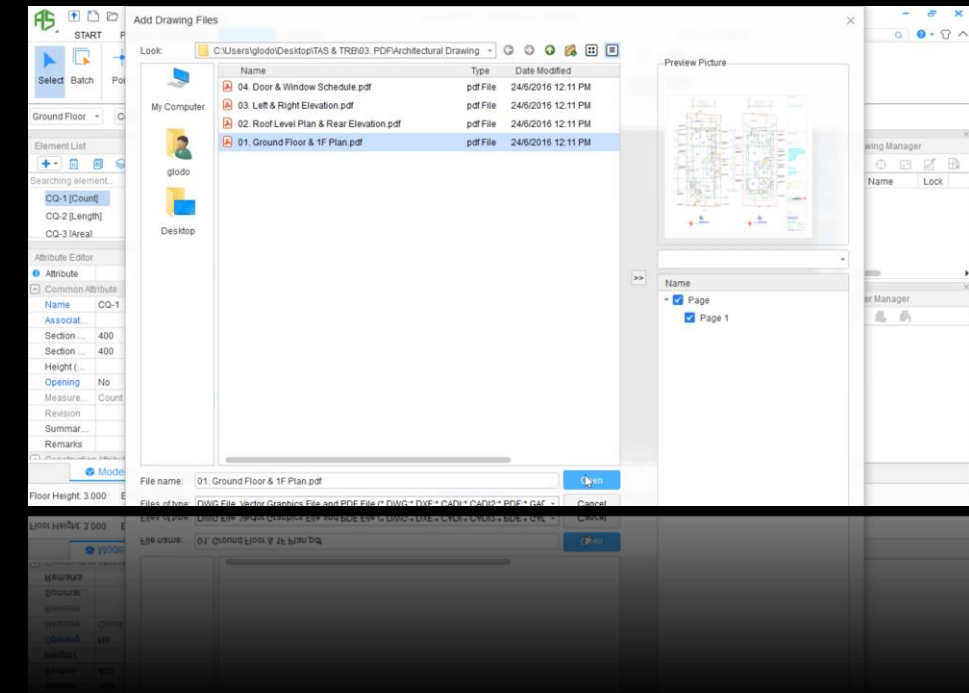
Show/hide



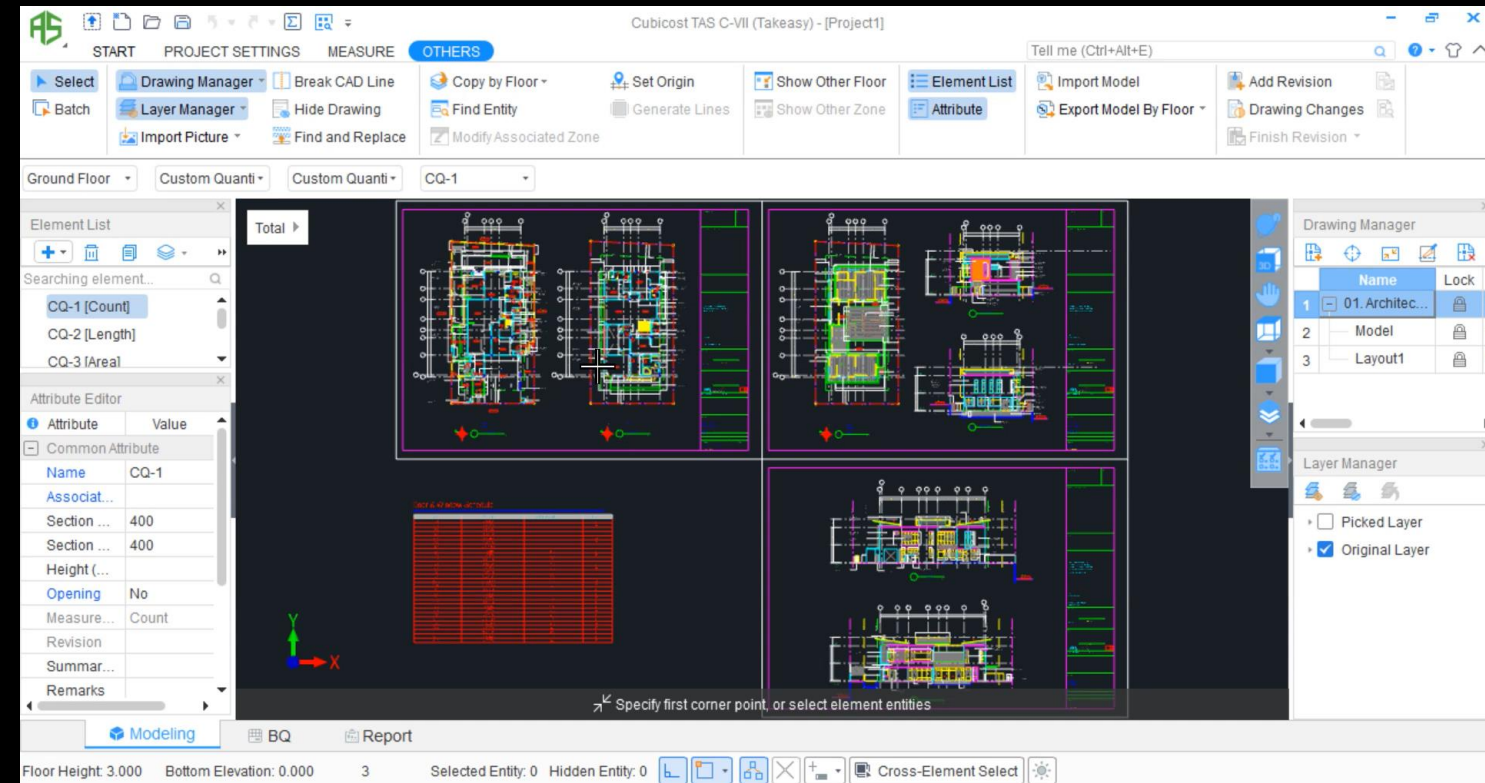
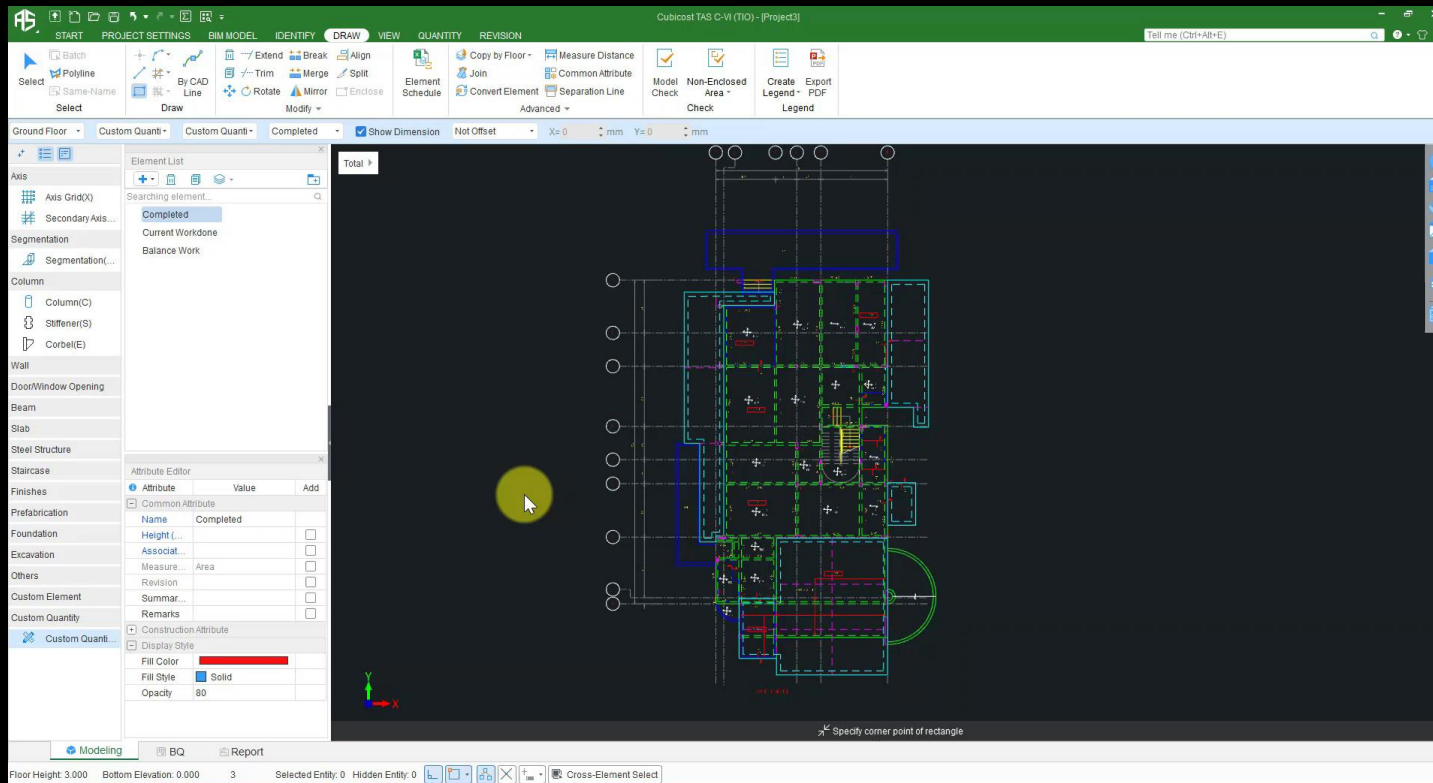
Fade



Auto-scale



Generate Legends, Compare Drawings for VO



Available

NOW

2D Takeoff Platform
Cubicost

Exciting **NEW** Things Are Coming

2015

From 0 to 1

- Zero Customer
- Most Viable Product
- BIM Tech Trying-out

2019

From 1 to N

- Thousands Clients
- New Graphic Platform
- AI Exploring

2025

From N to Infinity

- AI-BIM Maturity
- The Super QS Role
- Industry Expansion

?

Revolution

Breakthrough

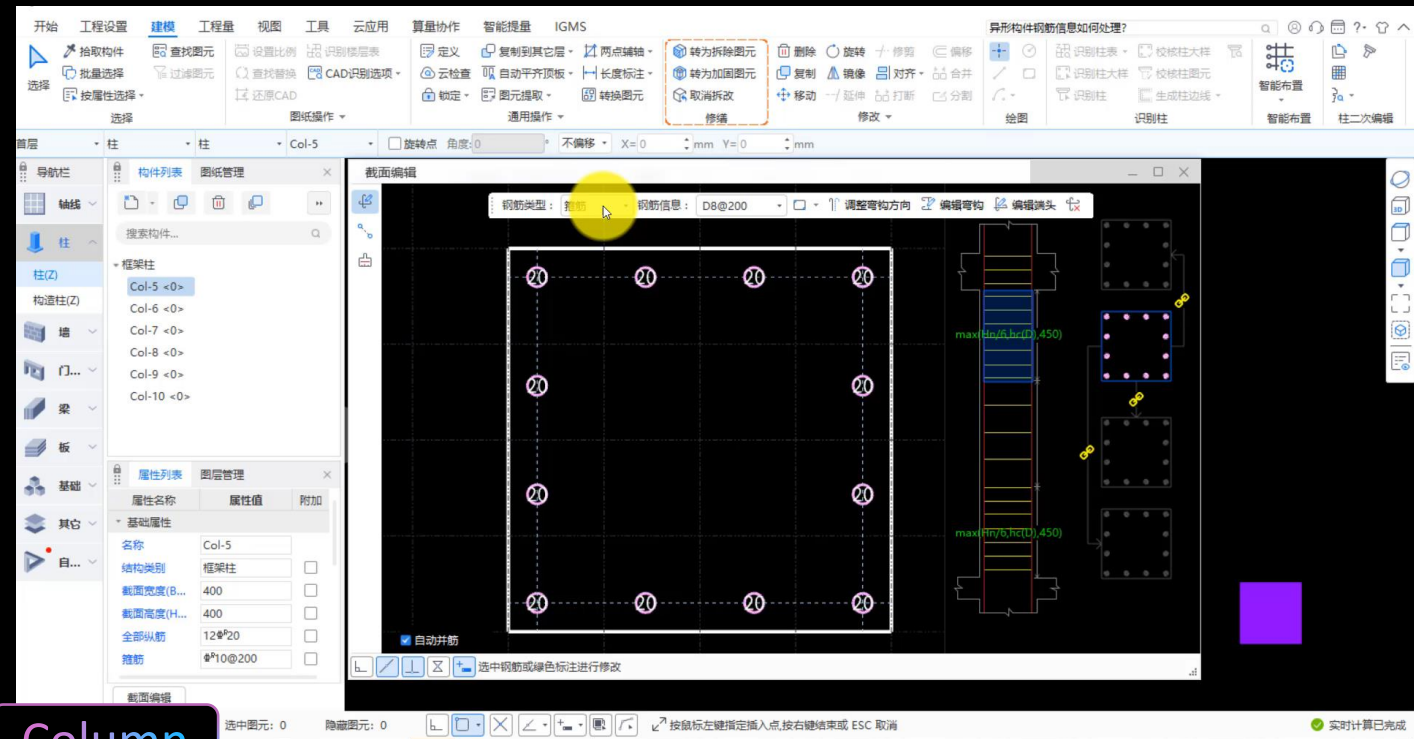
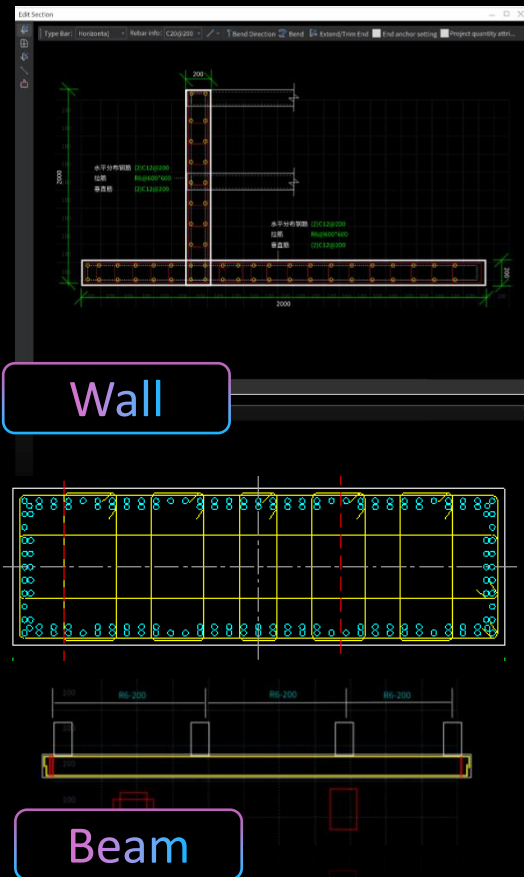
Ground-breaking





TRB UPGRADE

More Robust, More Control on Edit Section



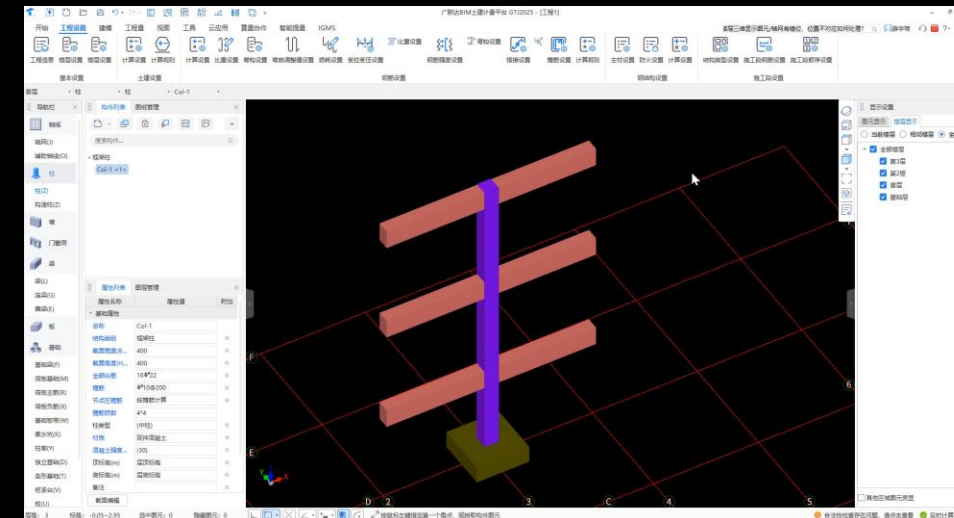
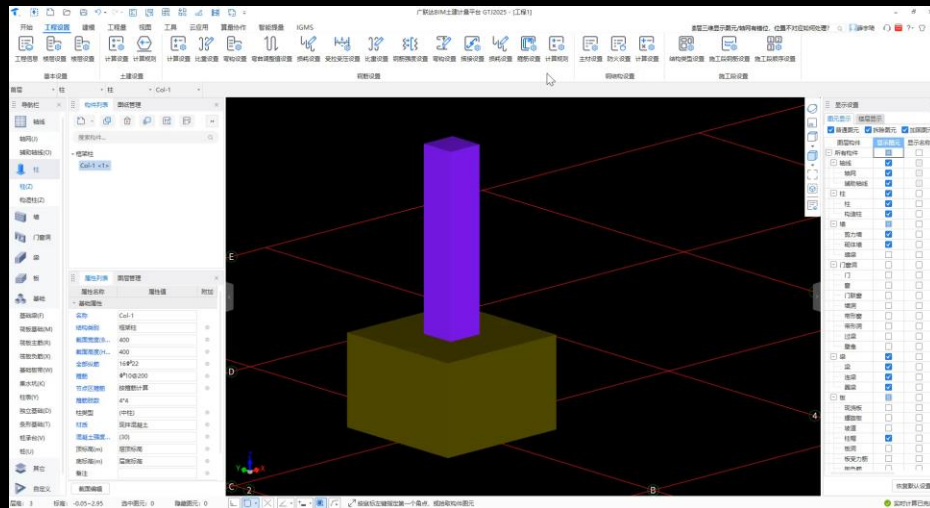
More control on your section, unlocking endless possibilities.

More Complete Set of Reinforcement Standards

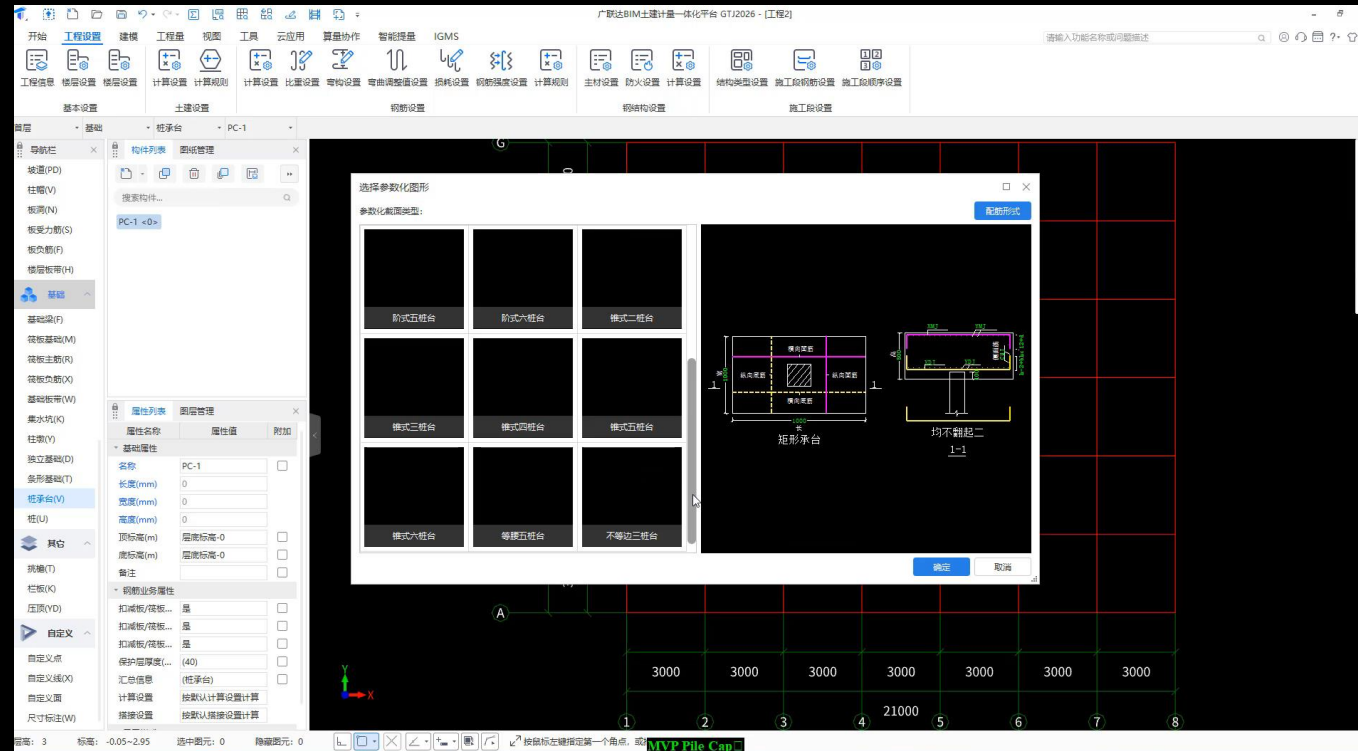


New, More Complete Indonesian Reinforcement Standards, designed to better meet the changing needs of the market.

Place your kicker freely according to your design preferences, with no fixed rules or limitations to follow.



More Ways to Define your Element



Choose from a wide range of options—from various dimension sizes to different reinforcement types, giving you the flexibility to fully adapt to your design needs.



Next-Gen Global BIM QTO Software

Greater Interoperability + AI



D&B Streamlined
BIM Model

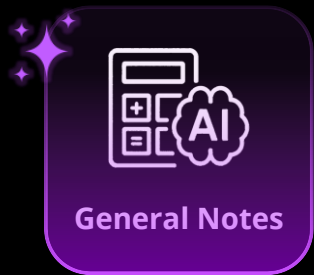
Eliminates Transferring
Streamline Variations

Intelligent Links



Drawing Mgmt.

AI
Drawing processing



General Notes

AI
Calculation Analysis



Modeling

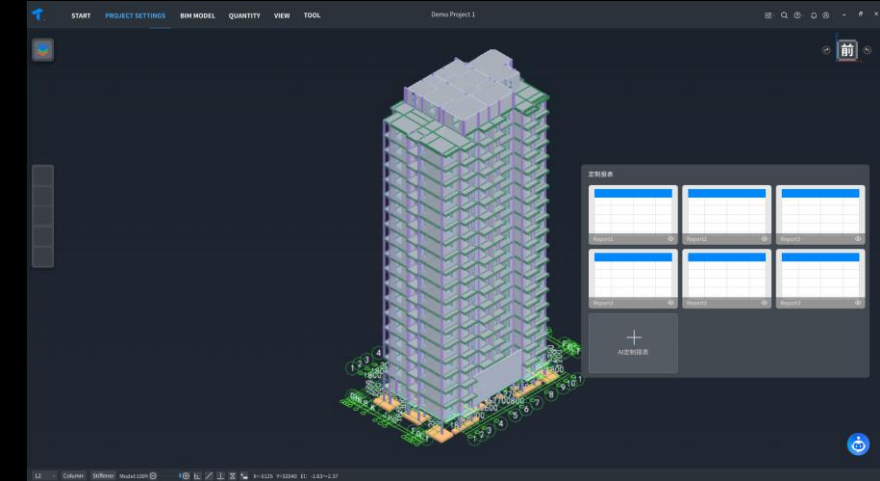
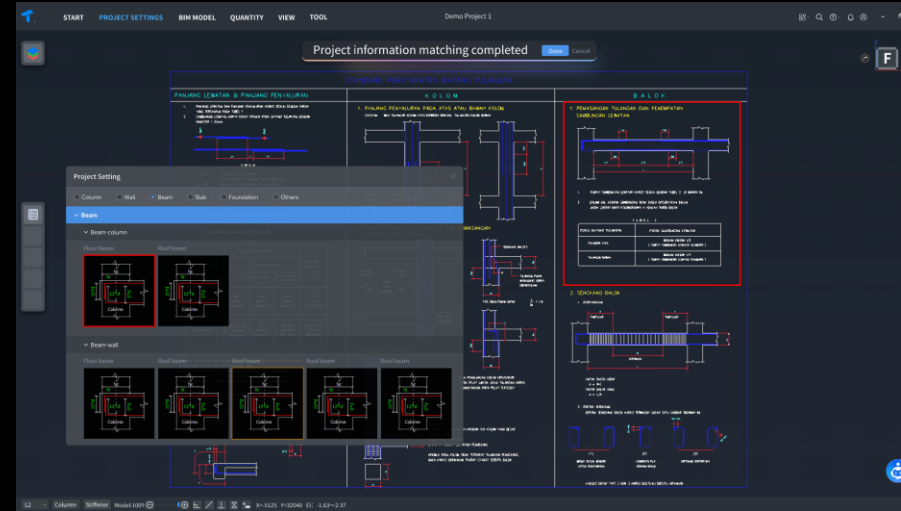
AI
Modeling & Check



Qty Report

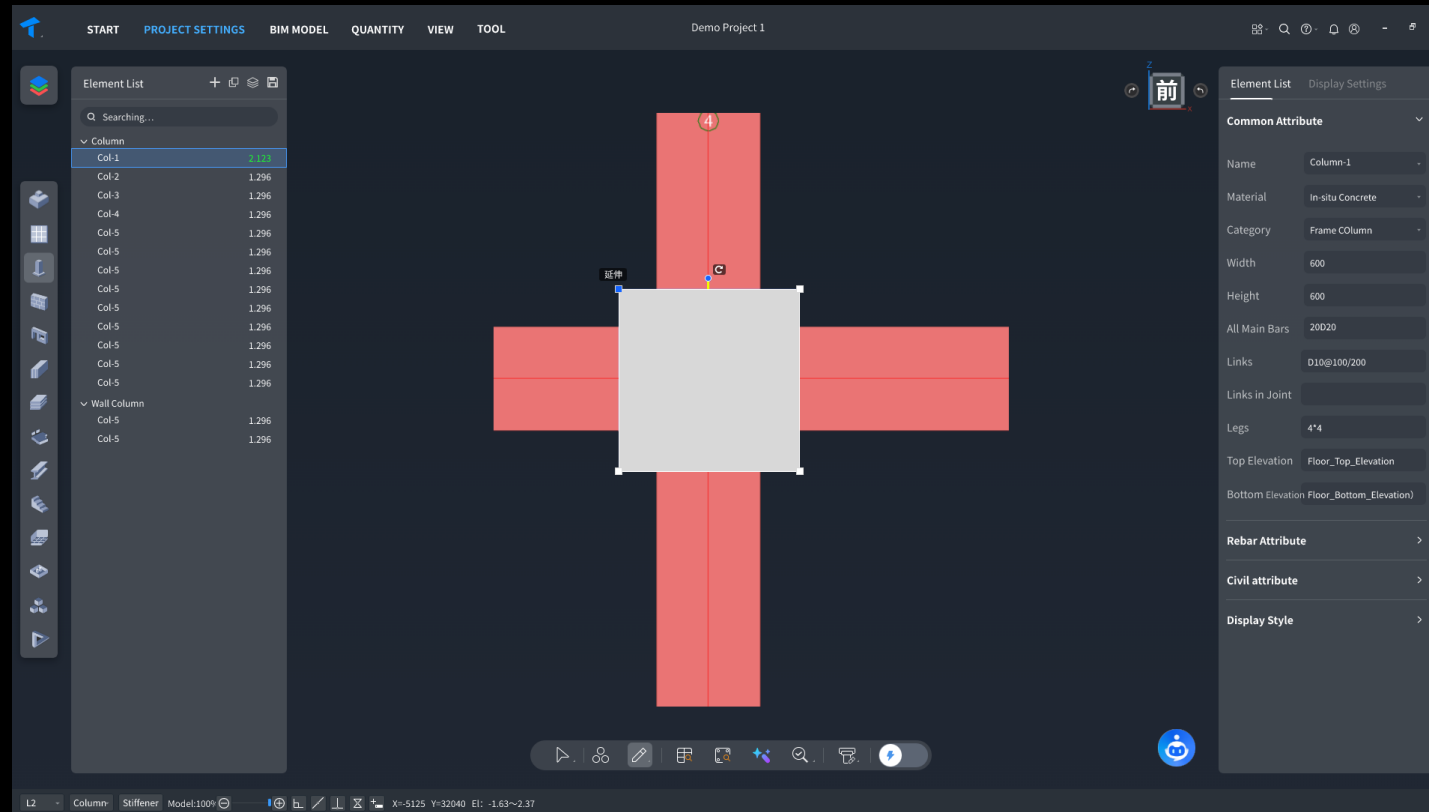
AI
Customise Reports

AI Drawing Management



AI-based smart drawing management which enables automatic **splitting, scaling, relocating, floor assignment**.
Making quantity take-off faster and hassle free.

Quantify as You Draw, Instant Quantity Takeoff



Calculate as you go. Software will produce quantity instantly as you draw, giving instant access to your needs.

All quantity in one software. Get your concrete volume (m3), formwork (m2), architectural takeoffs, and rebar (kg) all in one software.

**You name it,
We build it — together.**

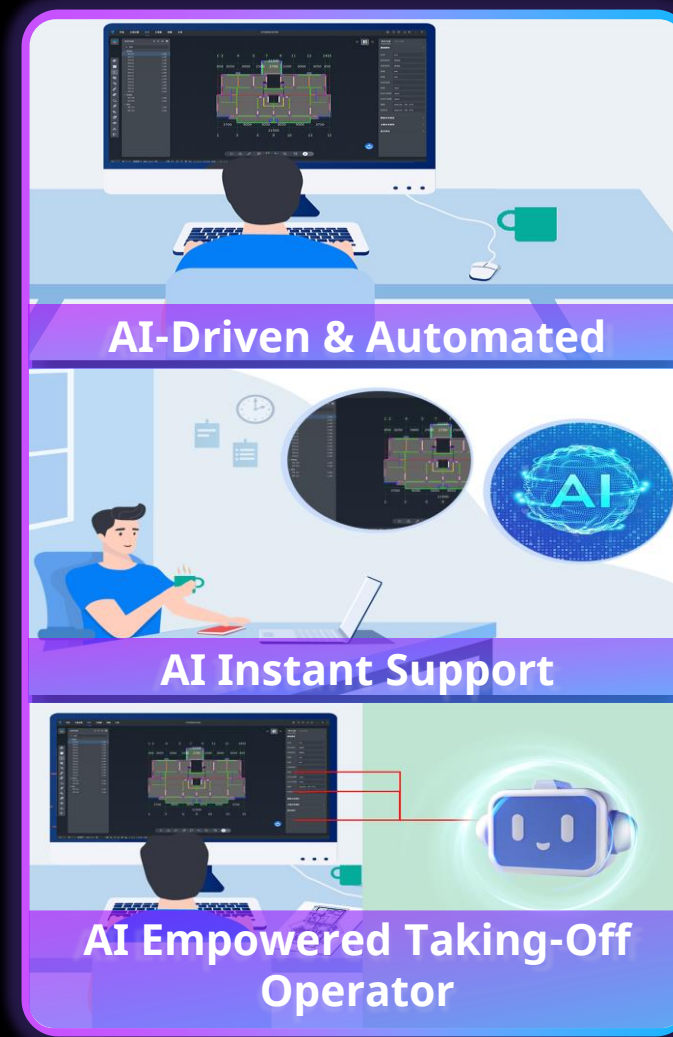
Be the Voice Behind Our
✦ **Next-Gen
QTO Product
Name**



Scan **NOW** to participate
in naming our product



VS



Future of QS?

Free QS from tedious quantity takeoff work.

Empower them as AI-driven professionals in the era of smart calculation.

Available In

2025

New Rebar Platform

2026

Combined QTO Platform

THANK YOU