



Industrialised Construction Conference

Trimble

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Benedict Wallbank



- Trained and Practiced as an Architect
- Partnerships & Digital Construction Strategy Manager at Trimble EMEA.
- Digital Construction Consultant.....Process, Workflow, Management and organisation.
- Lecturer in Digital Construction.
- Member of buildingSMART UK.
- Non Executive Director at Nima (Formerly The UK BIM Alliance). Represent Trimble on the Technologies Group.
- Member of Government Industry Interoperability Group (GIIG), Technologies Code of Practice for Interoperability workgroup.
- Member or Robotics and Automated Systems Regulations Ethics & Standards Committee.



Trimble Snapshot



Global Presence

There are over 12,000 people at Trimble spread across 35 countries. 500 staff reside within the UK & Ireland to help support our customers.



Market Leading

Fast Company recognised Trimble as a global leader in Science and Tech in 2024, and BuiltWorlds recognised Trimble as one of the 50 Global Innovators in AECO that best prepare the built environment for the future



Technology

Highly secure, web based platforms



Innovation at our core

We hold over 1,000 unique patents



Financially stable

NASDAQ listed, \$3.8bn annual turnover with strong operating profit and cashflow. Financially mature and stable S&P 500 company.



Commitment to investment

We invest ~\$540m in research & development to deliver the most cutting edge products and services to our clients.

Trimble Construction Around the world

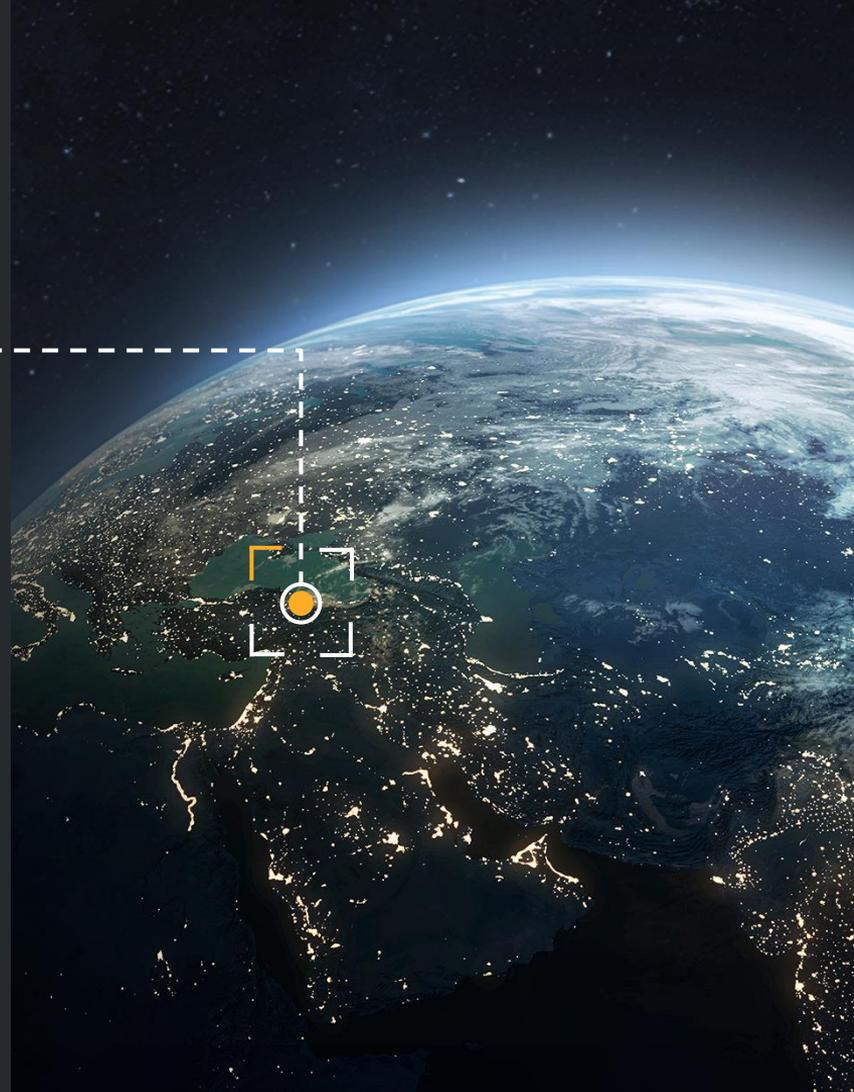
Benefit from local, specialist support at a global scale

12,000+

Employees

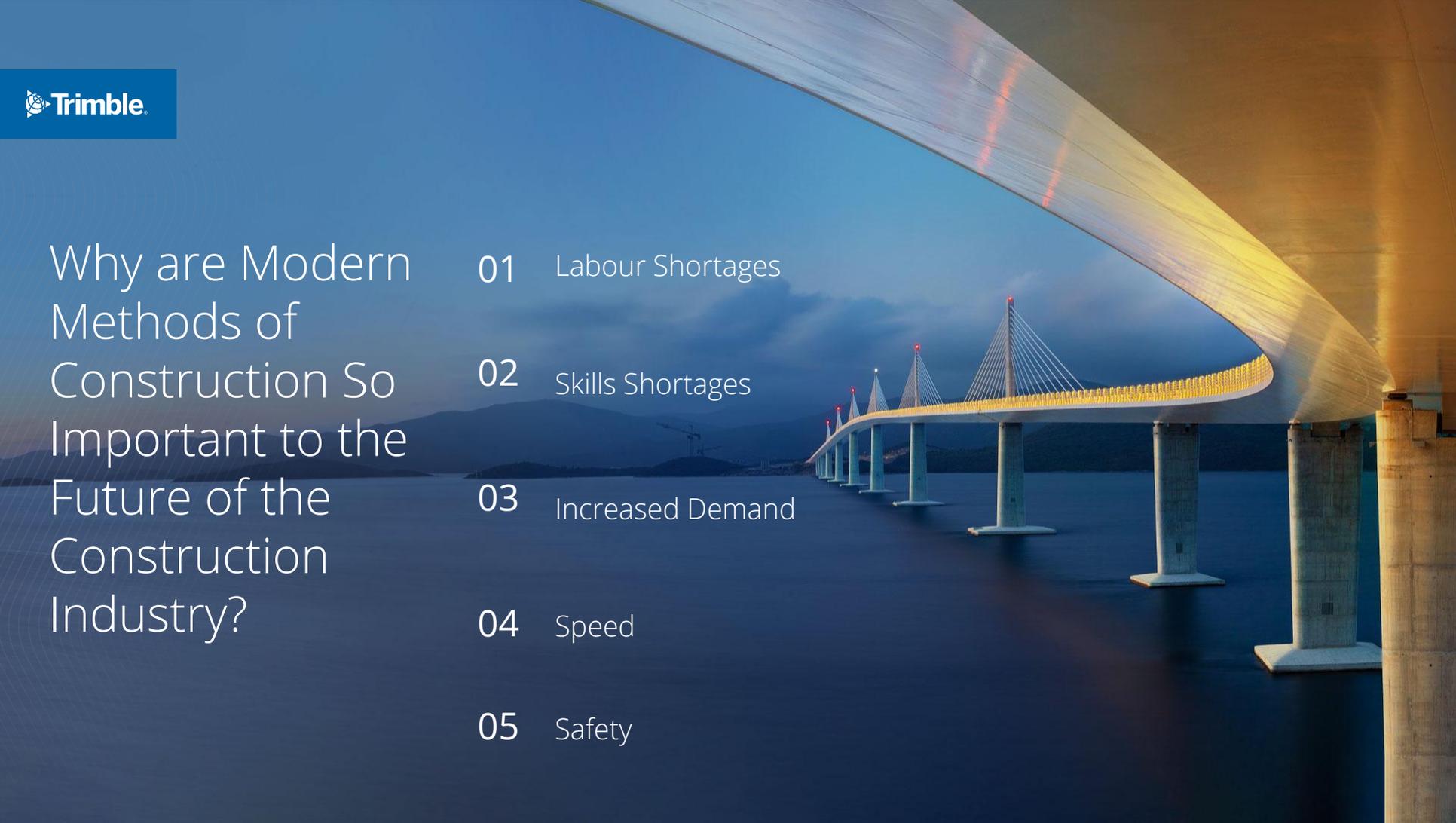
35+

Countries



Why are Modern Methods of Construction So Important to the Future of the Construction Industry?

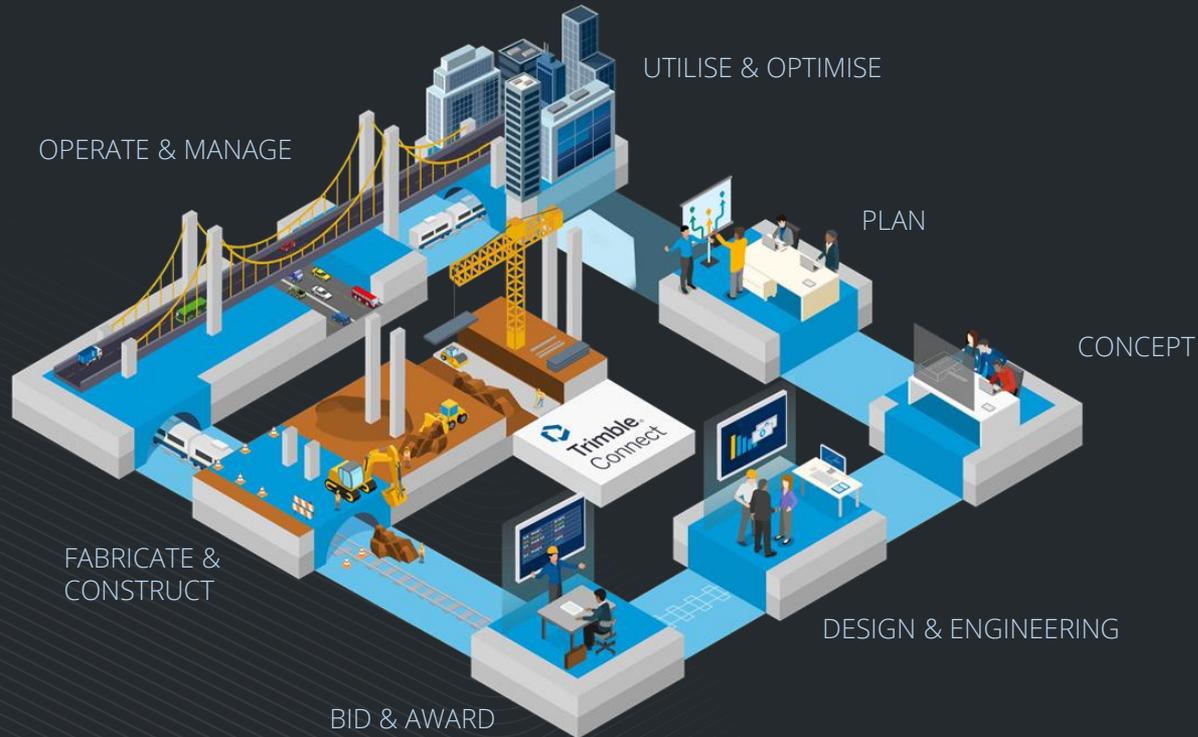
- 01 Labour Shortages
- 02 Skills Shortages
- 03 Increased Demand
- 04 Speed
- 05 Safety





Trimble Connected Construction

Supporting every phase of construction





Trimble UK & Ireland Solutions

Architecture



MEP



Structures



Field Technology



Project Management



Collaboration





Concept Design &

Point Cloud Survey

Architectural Design

Structural Design

M&E Design



Estimating & Fabrication

M&E Estimating

Steel Estimating

Fabrication



Construction

Site Mobilisation

Laser Scan & Layout

QA & Data Capture

Mixed Reality QA & Fitout

Collaboration

Trimble Connect

File Sharing & Clash Detection

Viewpoint For Projects

Document management & ISO19650 Project Delivery

Concept & Design Workflow



 Trimble Geospatial

 SketchUp

 Tekla Structures

 Stabicad

 SketchUp

 Trimble Connect



Estimating & Fabrication Workflow



 Trimble Connect



 Total Estimating



LUCKINSlive



 Tekla PowerFab

 Viewpoint For Projects™

 Trimble Connect

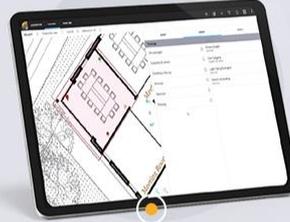
Construction Workflow



 SketchUp



 Trimble Field Technology



 Viewpoint Field View™



 Trimble Field Technology

 Viewpoint For Projects™

 Trimble Connect

Sketchup

Overview



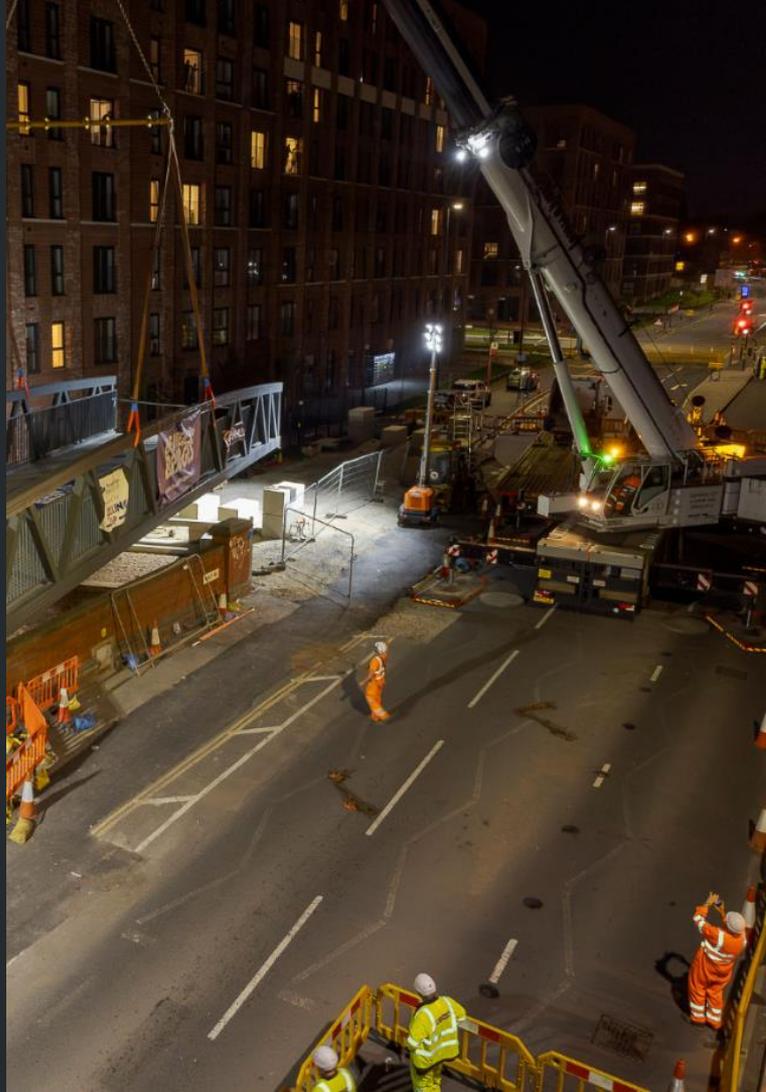


Design Alternatives

© New mag

Stabicad

Trimble & *Modular Manufacturing*





MEPcontent

 SysQue

 Trade Service

 LUCKINSlive

 ProDesign

 Trimble Connect

 Stabicad

 SketchUp

 Tekla

 Nova

8 Million
Building Components

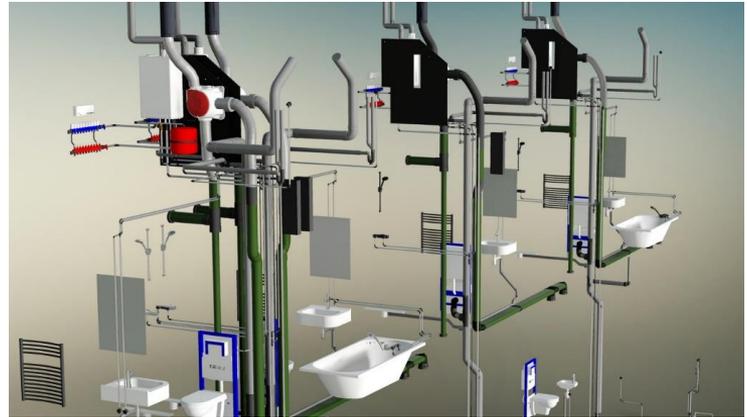
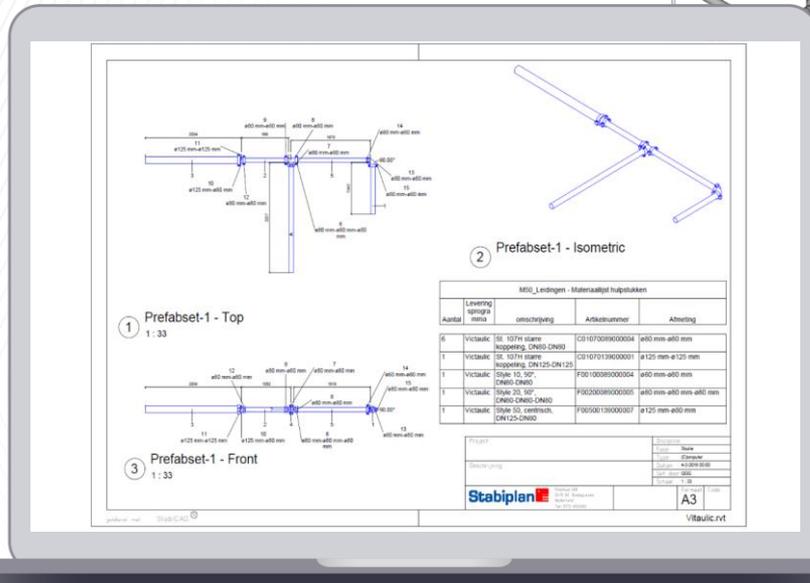
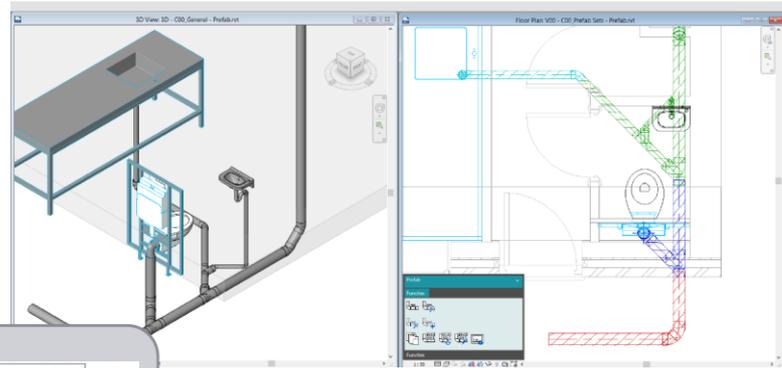
5,000+
MEP Manufacturers

10,000's
Product Lines

235,000+
MEPcontent Subscribers

Modular

Modular sets and drawings

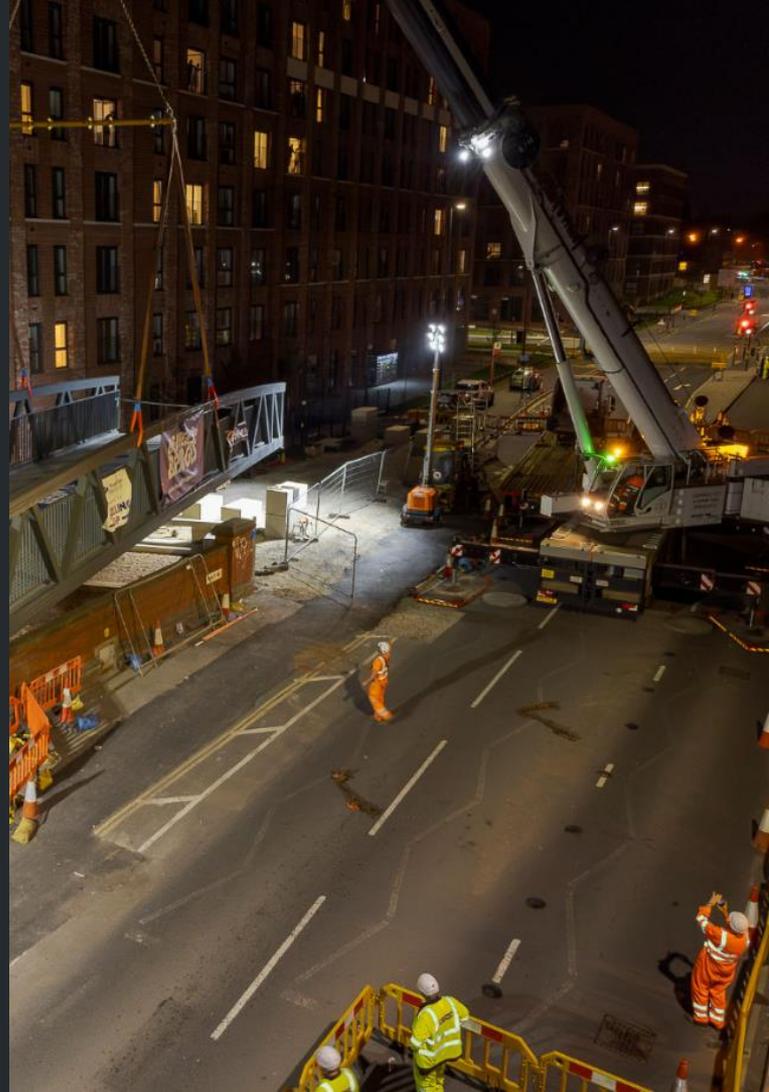




Tekla[®] Structures

Trimble & *Modular Manufacturing*

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Tekla Structures - C:\TeklaStructuresModels\New model 25 - [View 1 - 3d]

STEEL CONCRETE REBAR EDIT VIEW DRAWINGS & REPORTS MANAGE ANALYSIS & DESIGN TRIMBLE CONNECT TEKLA POWERFAB FASTENERS TEKLA TEDDS TIMBER

Quick Launch

View list New view Clipping Work area Redraw Work plane Rendering Visualize Switch to 3D or plane Fly View properties Representation Screenshot Document manager Drawing properties Create fabrication drawing AI Cloud Fabrication drawings Create GA Drawing Master drawing catalog Multidrawin Window

Applications & components

Show selected

Search...

Recent

Framing Panel GenericContainerPlu gin Seismic.ContainerPlu gin

Ungrouped items Tekla Tools Below

Concrete

Generic Frame System

Save Load Save As Help

Module Setup Corners Ceiling Floor Openings

Length 8000.00

Start Height 3800.00

Width 3600.00

Module Height Setup

End Height 3800.00

Roof Angle (Degrees)

Column Extensions

Above Unit 100.00

Below Unit 100.00

Main Assembly Details

Module Name

Module Mark Prefix Start No.

Part Numbering

Part Name	Class	Profile	Finish	Prefix	Start No.
Columns	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Catalog	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

OK Apply Modify Get / / Cancel

Show hidden items

Model origin Search in model

Pick points on start edge

0 Pan Current phase: 1, Phase 1 0 objects and 0 handles selected

Parametric Workflows Using Kit of Parts



O sã reușim!

Chúng tôi đã nhận được điều này

Damy rade

พวกเราทำได้!
Разберемся
Υε βε tumi aye

Kua riro e tatou
Wij kunnen dit

Ons het dit

Gyda'n gilydd dawn trwy hyn

Tumepata hii

நம்மால் இது முடியும்

Juntos lo lograremos

Meg tudjuk csinálni

我們能做到

Juntos chegaremos lá

ми цього досягнемо

On peut le faire

Juntos conseguiremos

Tá seo againn

Possiamo farcela

We've got this!

हम होंगे कामयाब

Kita dapat ini

Mes tai jveiksim

Idemo dalje

Homma hanskassa

ਸਾਠੂੰ ਇਹ ਮਲਿਆ

Zvládneme to

Nakuha namin ito

לנו את זה!

Wir packen das

Başardık

私たちならできる

على قدر التحدي

Vi grejar det

Nous avons ceci

우리는 해냈다