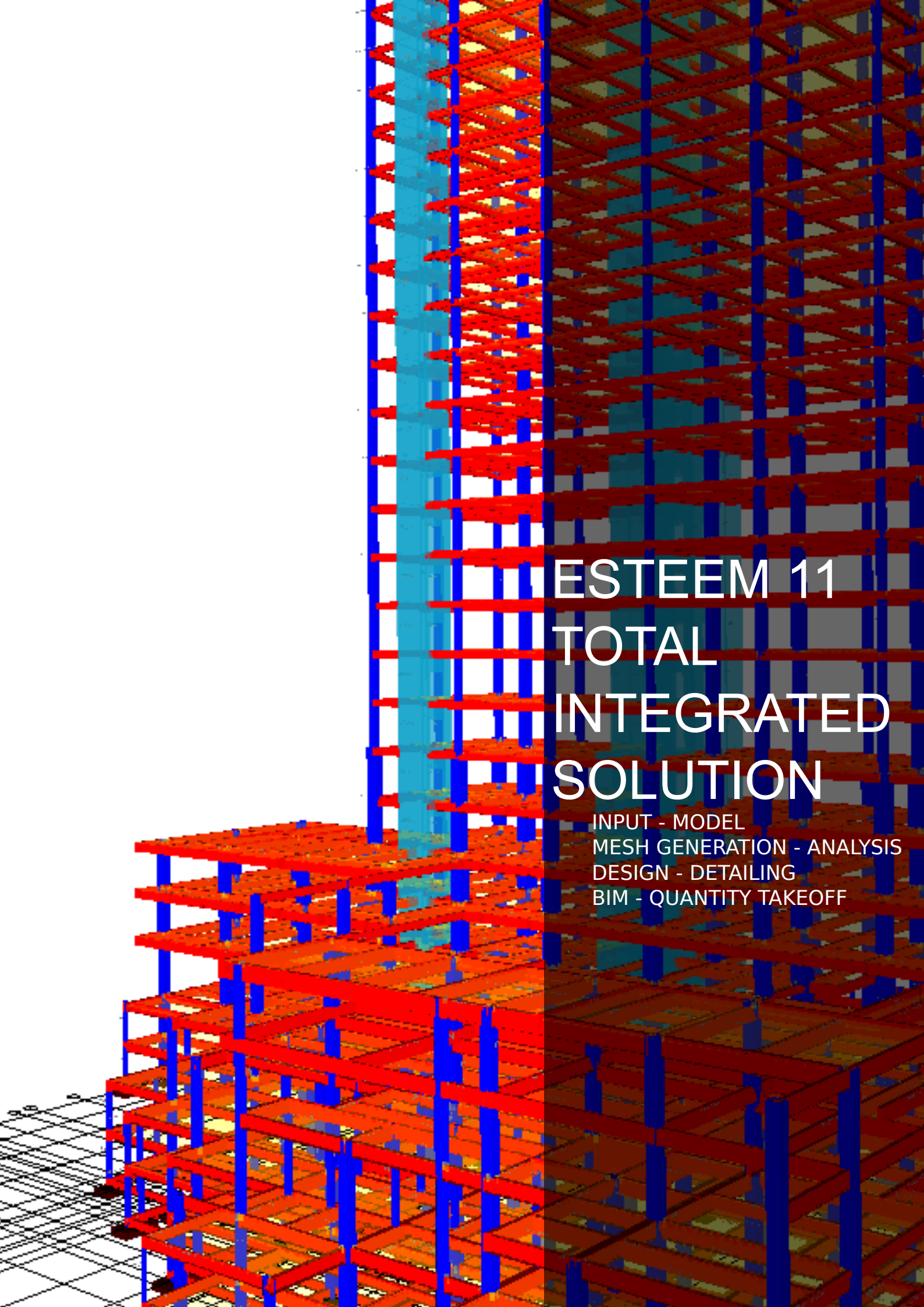
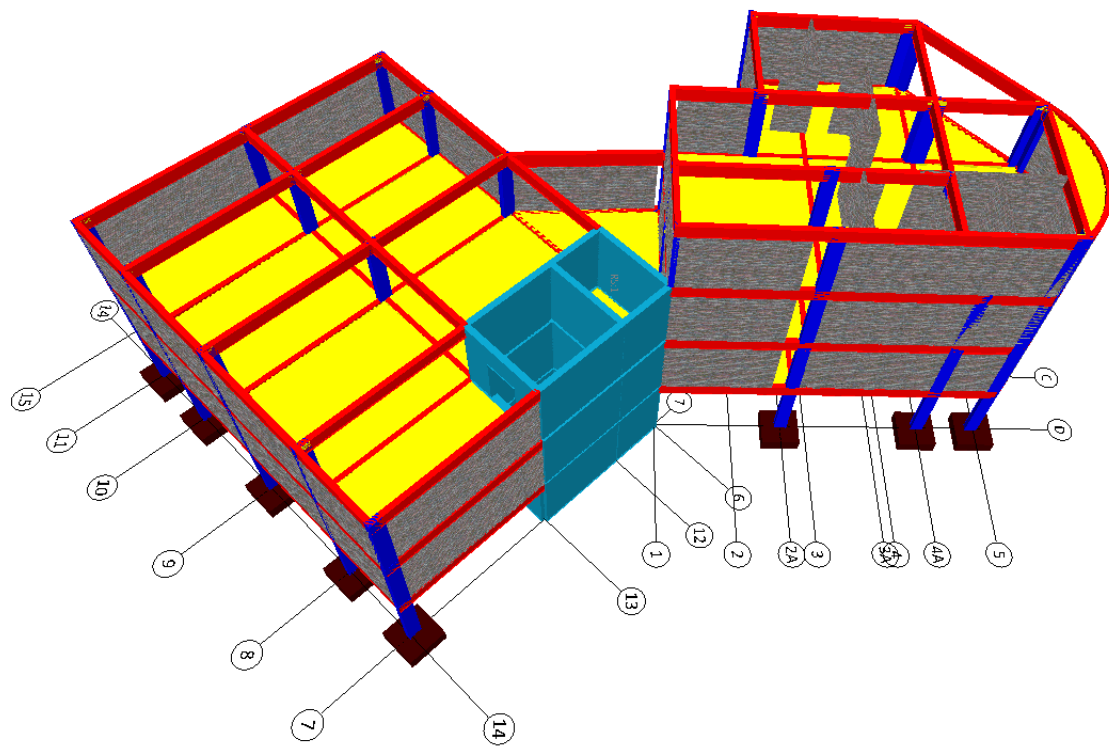


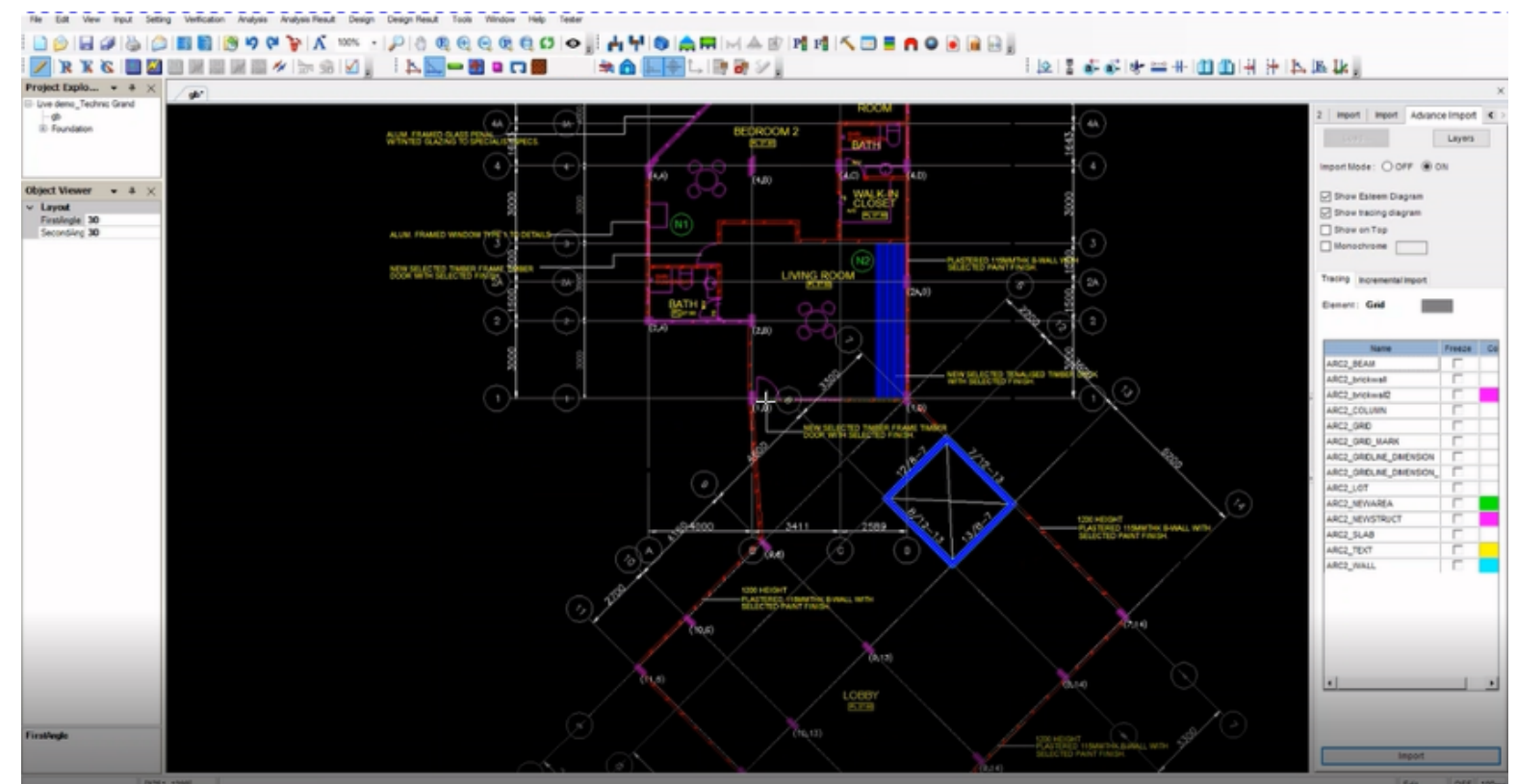


ESTEEM 11 TOTAL INTEGRATED SOLUTION

INPUT - MODEL
MESH GENERATION - ANALYSIS
DESIGN - DETAILING
BIM - QUANTITY TAKEOFF



Esteem 3D model view from Input



Import dwg/dxf 2d drawings and use them as a tracing background and to auto assign dwg entities as input objects in Esteem 11

INPUT & MODEL

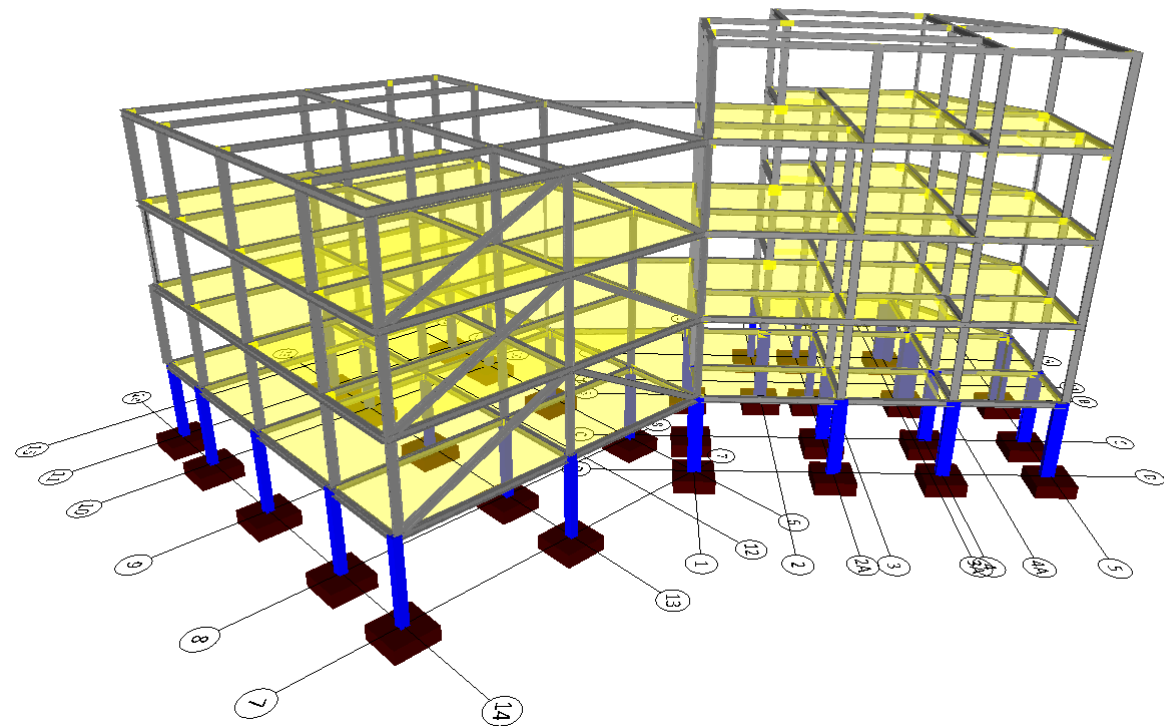
- 2D Key plan, Elevation Input and 3D Model view
- Input Grid(G), Slab(S), Beam(B), Column(C), Wall(W), Brick-wall(K) object and set custom properties such as material, size, element drop
Note: Grid, Slab, Beam, Column, Wall, Brick-wall object will be abbreviated as G, S, B, C, W and K respectively
- Toggle input object Slab(S), Beam(B), Column(C), Wall(W), Brick-wall(K), Loadings(L) and All input objects using short-cut key of S, B, C, W, K, L and A respectively
- Grid bounded objects, input objects of S, B, C and W are bound to grids
- Break or merge structural objects of B, S and W at intersecting grids
- Auto generation of input objects slab(bound by B and W), beam(between C) and column(at G or B intersection) under respective input mode
- Command-driven icon to change or delete of same type of input data(G, S, B, C, W and K) selected by individual click or window drag-select
- Highlighting of input data(G, S, B, C, W) connected to selected grids and group delete them all with 'Delete' key
- Input point(P), uniform distributed line(U), general-variable line(V), area(E), patch(H) and brick-wall(R) loads to respective objects of slab(P,U,E,R,H), beam(P,U,V,R), column(P) and wall(P,V)

INPUT & MODEL

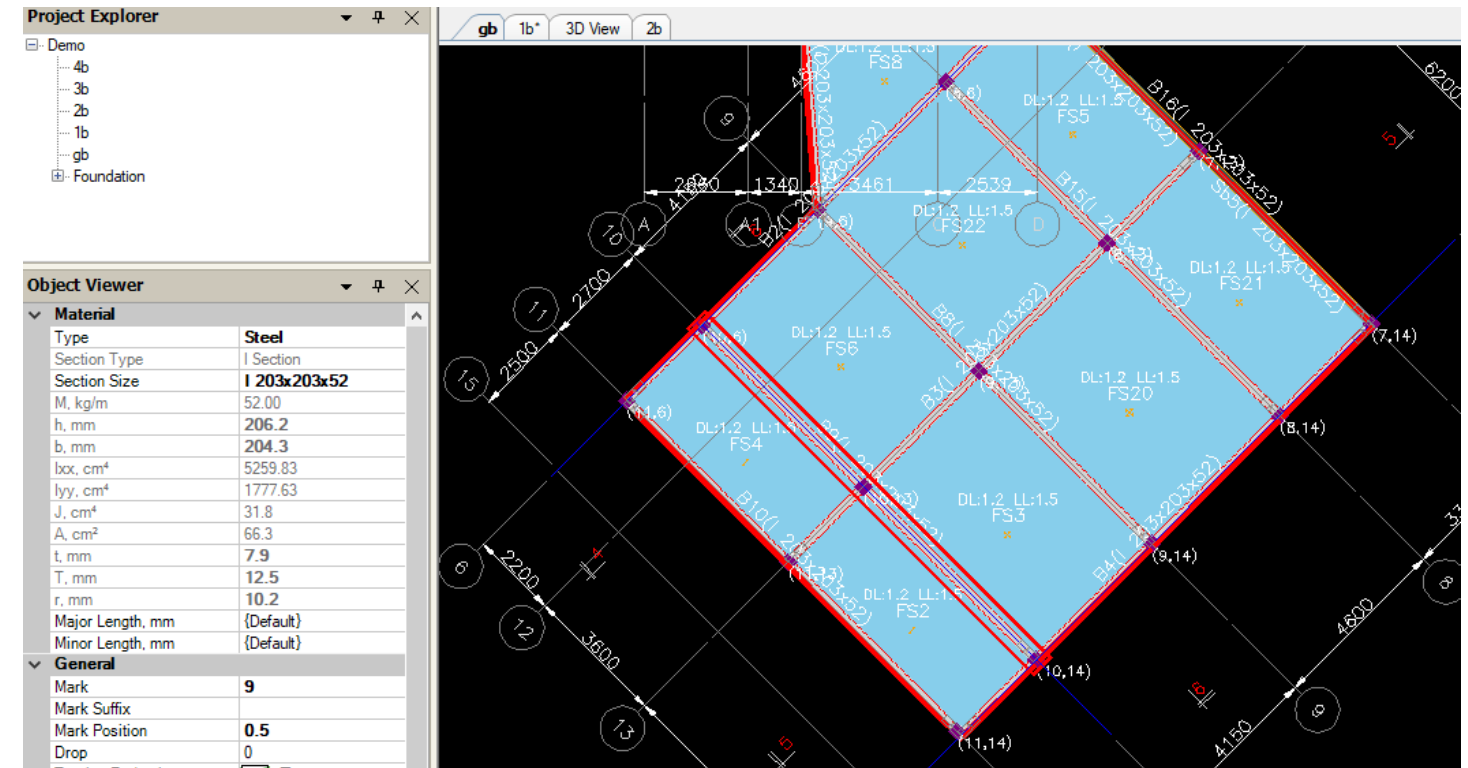
- Input circular(I), rectangular(T) and polygonal(O) openings to respective objects of slab(I, T, O), beam(I, T), column(I, T, O), wall(T)
- Import key plan from another Esteem project
- Copy existing key plan to multiple other floors
- Overlay key plan object(S, B, C, W) using short-cut key of S, B, C, W(Ctrl+Shift+) and lower(Ctrl+) to toggle for upper and lower floors respectively on current key plan input
- Import dwg/dxf 2D drawing files as a tracing background
- Auto assign entities in dwg layers as Grid, Beam, Column, Slab, Wall, Brick-wall object

ESTEEM 11 NEW FEATURES

- Import dwg/dxf 2d drawings and use them as a tracing background and to auto assign dwg entities as input objects
- Import, trace and auto assign dwg entities in one-screen tracing and input
- Auto change to object input mode by double-clicking it when its(G, S, B, C, W) object shape appear



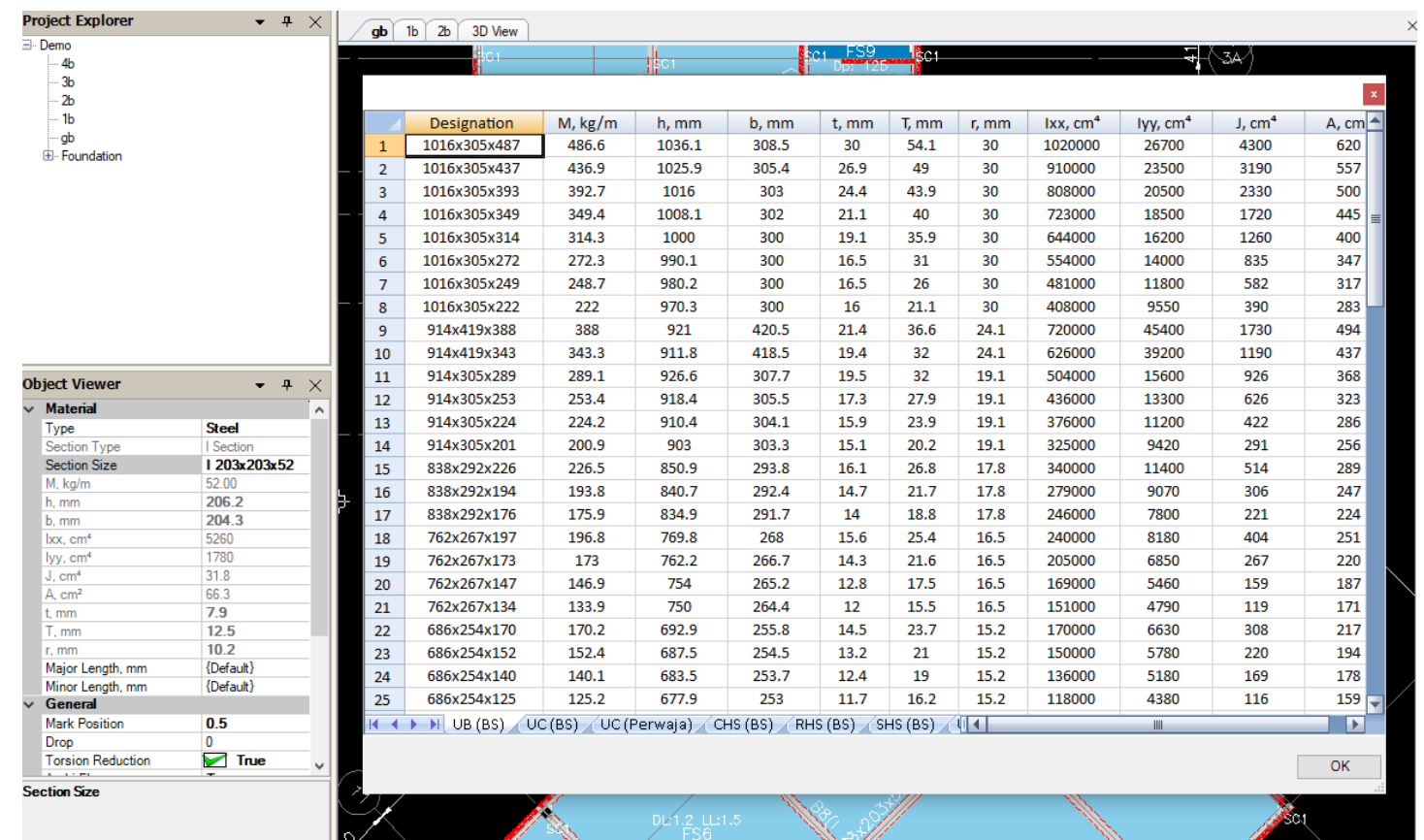
3D Esteem Model View with Steel Section Members



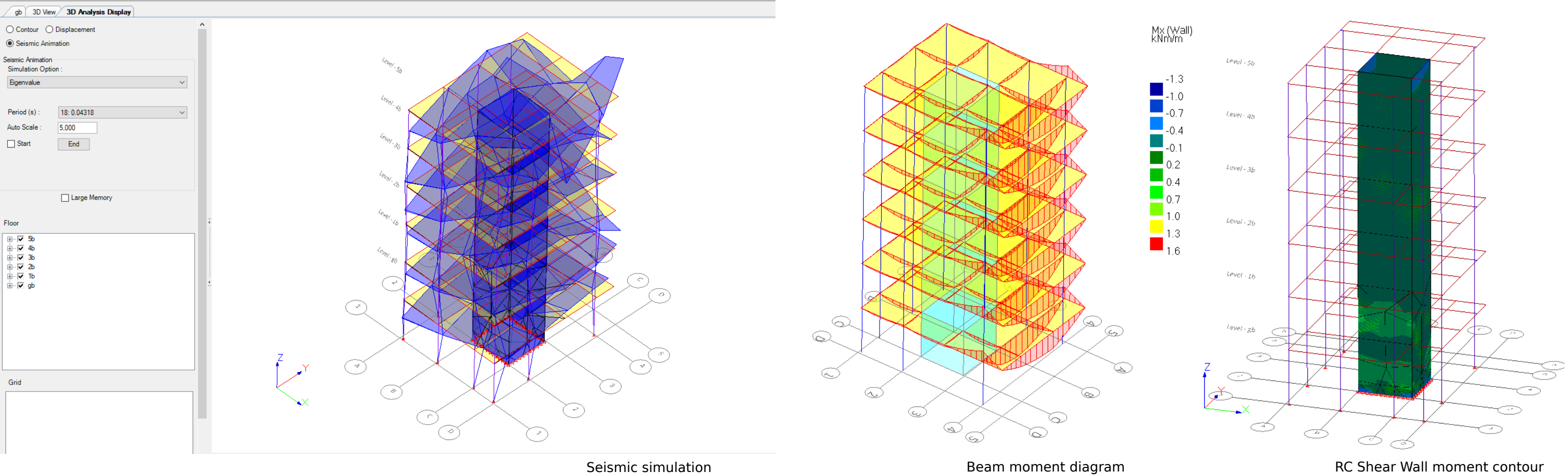
Steel input for beam

MATERIAL

- Reinforced Concrete for Beam, Slab, Wall, Column
- Steel Section for Beam and Column Member



Choose from list of standard steel section sizes. Steel section size can also be user defined



AUTO MESH GENERATION & 3D ANALYSIS

- Auto mesh generation of model and Finite Element Analysis
- Reinforced concrete and steel section analysis
- Meshing and Analysis for Floor Key Plan in sub-frame(2D)
- Meshing and Analysis for All Floor Key Plans in Full 3D Model(3D)
- Beam pattern loading analysis in 2D
- Wind and Notional Load Analysis in 3D
- Ritz or Eigenvalue Seismic Dynamic Analysis in 3D
- Seismic Modal Response Spectrum (EC8, EC8 Malaysia & Singapore or User Defined)
- Seismic Animation in 3D Analysis Display
- P-Delta Analysis
- Stage Construction Analysis
- Moment, shear, torsion, displacement, loading, forces diagram for Beam and Column
- Moment, shear, displacement, top and bottom steel area contour in X and Y direction for Floor Slab in 2D
- Moment, shear, diaphragm stress, displacement, top and bottom steel area contour in X and Y direction for Transfer Floor Slab and Wall in 3D

ESTEEM 11 NEW FEATURES

- Faster Beam Free Nodes Checking for Meshing
- Simplified MRSA biaxial load combination feature which reduce seismic design to only 8 biaxial envelope combinations.

gb

Beam Result: gb

Floor: gb

3D view

Beam: gb4(I 203x203x52)

Re-Design

Steel Section gb4(I 203x203x52) Capacity Check

Assumptions and scope:

Steel Section gb4(I 203x203x52), (Section 1) Capacity Check

Summary Table for all load combinations

Critical Responses for all load combinations

Detailed Calculation for Combination 2

Deflection Check

Moment Capacity Reduction due to Shear and Torsion

Section Moment, Shear, Axial Checks

Moment Shape

Warping Torsion Check

Ratio Checks

Steel Section gb4(I 203x203x52), (Section 2) Capacity Check

Steel Member Buckling Factors

General

Steel Properties

Steel Section Classification

Shear Buckling and Flange Buckling Check

Web Buckling Capacity

Steel Section Capacity

Deflection Check

Deflection, $\delta = 0$ mm

Deflection Limit = $L_{cr,y} / 200 = 5\,000\text{mm} / 200 = 25$ mm

δ Check = $\text{abs}(\delta) \leq \text{Deflection Limit} = \text{abs}(0\text{mm})$ (0mm) $\leq 25\text{mm} = 0 \dots \rightarrow \text{OK!}$

Moment Capacity Reduction due to Shear and Torsion

$\tau_i = T_{i,rd} \times \max(t_p, t_w) / J = 0\text{kNm} \times \max(12.5\text{mm}, 7.9\text{mm}) / 31.8\text{cm}^4 = 0\text{N/mm}^2$

$V_{pLy,Trd} = V_{pLy,Rd} \cdot \{1 - [\tau_i \times 3^{1/6} \cdot y_{M0} / (1.25 \times f_{yw})]\}^{3/4} = 254.5\text{kN} \times \{1 - [0\text{N/mm}^2 \times 3^{1/6} \times 1 / (1.25 \times 235\text{N/mm}^2)]\}^{3/4} = 254.5\text{kN}$

Reduce Major Moment Capacity = $0.5 \times V_{pLy,Trd} \leq V_{y,Rd} = 0.5 \times 254.5\text{kN}$ (127.3kN) $> 2.214\text{kN} =$ EC3-1.1 6.2.8(2)

$M_{y,Rd} = 0.5 \times V_{pLy,Trd} \leq V_{y,Rd} \rightarrow M_{y,Rd} = 0.5 \times 254.5\text{kN}$ (127.3kN) $> 2.214\text{kN} = 133.4\text{kNm}$ EC3-1 Eq6.30

Reduce Minor Moment Capacity = $0.5 \times V_{pLx,Trd} \leq V_{x,Rd} = 0.5 \times 693\text{kN}$ (346.5kN) $> 0\text{kN} = 346.5$ EC3-1.1 6.2.8(2)

$M_{x,Rd} = 0.5 \times V_{pLx,Trd} \leq V_{x,Rd} \rightarrow M_{x,Rd} = 0.5 \times 254.5\text{kN}$ (127.3kN) $> 2.214\text{kN} = 62.1\text{kNm}$ EC3-1 Eq6.29

Major Shear Check = $\text{abs}(V_{y,Rd}) \leq \min(V_{pLy,Trd}, F_{t,Rd}) = \text{abs}(2.214\text{kN})$ (2.214kN) $\leq \min(254.5\text{kN}, 210.8\text{kN})$ (210.8kN) = 2.214, 1.857, 1.5, 1.143, 0.786, 0.429, 0.0714, 1, 1.357, 1.714, 2.071, 2.428 $\rightarrow \text{OK!}$

Section Moment, Shear, Axial Checks

Major Moment Check = $\text{abs}(M_{y,Rd}) \leq M_{y,Rd} = \text{abs}(0.002355 \times 10^{-3}\text{kNm})$ (0.002355 $\times 10^{-3}$ kNm) $\leq 133.4\text{kNm} = 0.002355 \times 10^{-3}, 1.018, 1.857, 2.517, 3, 3.303, 3.428, 3.428, 2.839, 2.071, 1.125, 0.003677 \times 10^{-3} \rightarrow \text{OK!}$

Minor Moment Check = $\text{abs}(M_{x,Rd}) \leq M_{x,Rd} = \text{abs}(0\text{kNm})$ (0kNm) $\leq 62.1\text{kNm} = 0 \dots \rightarrow \text{OK!}$

Major Shear Check = $\text{abs}(V_{y,Rd}) \leq \min(V_{pLy,Trd}, F_{t,Rd}) = \text{abs}(2.214\text{kN})$ (2.214kN) $\leq \min(254.5\text{kN}, 210.8\text{kN})$ (210.8kN) = 2.214, 1.857, 1.5, 1.143, 0.786, 0.429, 0.0714, 1, 1.357, 1.714, 2.071, 2.428 $\rightarrow \text{OK!}$

Minor Shear Check = $\text{abs}(V_{x,Rd}) \leq V_{pLx,Trd} = \text{abs}(0\text{kN})$ (0kN) $\leq 693\text{kN} = 0 \dots \rightarrow \text{OK!}$

Axial Torsion Check = $\text{abs}(N_{t,Rd}) \leq N_{b,Rd,1} = \text{abs}(0\text{kN})$ (0kN) $\leq 1\,180\text{kN} = 0 \dots \rightarrow \text{OK!}$

Steel section deflection check calculation report

gb

Beam Result: gb

Floor: gb

3D view

Beam: gb4(I 203x203x52)

Re-Design

Steel Section gb4(I 203x203x52) Capacity Check

Assumptions and scope:

Steel Section gb4(I 203x203x52), (Section 1) Capacity Check

Summary Table for all load combinations

Critical Responses for all load combinations

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Deflection Check

Moment Capacity Reduction due to Shear and Torsion

Section Moment, Shear, Axial Checks

Moment Shape

Warping Torsion Check

Ratio Checks

Steel Section gb4(I 203x203x52), (Section 2) Capacity Check

Steel Member Buckling Factors

General

Steel Properties

Steel Section Classification

Shear Buckling and Flange Buckling Check

Web Buckling Capacity

Steel Section Capacity

Deflection Check

Deflection, $\delta = 0$ mm

Deflection Limit = $L_{cr,y} / 200 = 5\,000\text{mm} / 200 = 25$ mm

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$\tau_i = T_{i,rd} \times \max(t_p, t_w) / J = 0\text{kNm} \times \max(12.5\text{mm}, 7.9\text{mm}) / 31.8\text{cm}^4 = 0\text{N/mm}^2$

$V_{pLy,Trd} = V_{pLy,Rd} \cdot \{1 - [\tau_i \times 3^{1/6} \cdot y_{M0} / (1.25 \times f_{yw})]\}^{3/4} = 254.5\text{kN} \times \{1 - [0\text{N/mm}^2 \times 3^{1/6} \times 1 / (1.25 \times 235\text{N/mm}^2)]\}^{3/4} = 254.5\text{kN}$

Reduce Major Moment Capacity = $0.5 \times V_{pLy,Trd} \leq V_{y,Rd} = 0.5 \times 254.5\text{kN}$ (127.3kN) $> 2.214\text{kN} =$ EC3-1.1 6.2.8(2)

$M_{y,Rd} = 0.5 \times V_{pLy,Trd} \leq V_{y,Rd} \rightarrow M_{y,Rd} = 0.5 \times 254.5\text{kN}$ (127.3kN) $> 2.214\text{kN} = 133.4\text{kNm}$ EC3-1 Eq6.30

Reduce Minor Moment Capacity = $0.5 \times V_{pLx,Trd} \leq V_{x,Rd} = 0.5 \times 693\text{kN}$ (346.5kN) $> 0\text{kN} = 346.5$ EC3-1.1 6.2.8(2)

$M_{x,Rd} = 0.5 \times V_{pLx,Trd} \leq V_{x,Rd} \rightarrow M_{x,Rd} = 0.5 \times 254.5\text{kN}$ (127.3kN) $> 2.214\text{kN} = 62.1\text{kNm}$ EC3-1 Eq6.29

Major Shear Check = $\text{abs}(V_{y,Rd}) \leq \min(V_{pLy,Trd}, F_{t,Rd}) = \text{abs}(2.214\text{kN})$ (2.214kN) $\leq \min(254.5\text{kN}, 210.8\text{kN})$ (210.8kN) = 2.214, 1.857, 1.5, 1.143, 0.786, 0.429, 0.0714, 1, 1.357, 1.714, 2.071, 2.428 $\rightarrow \text{OK!}$

Section Moment, Shear, Axial Checks

Major Moment Check = $\text{abs}(M_{y,Rd}) \leq M_{y,Rd} = \text{abs}(0.002355 \times 10^{-3}\text{kNm})$ (0.002355 $\times 10^{-3}$ kNm) $\leq 133.4\text{kNm} = 0.002355 \times 10^{-3}, 1.018, 1.857, 2.517, 3, 3.303, 3.428, 3.428, 2.839, 2.071, 1.125, 0.003677 \times 10^{-3} \rightarrow \text{OK!}$

Minor Moment Check = $\text{abs}(M_{x,Rd}) \leq M_{x,Rd} = \text{abs}(0\text{kNm})$ (0kNm) $\leq 62.1\text{kNm} = 0 \dots \rightarrow \text{OK!}$

Major Shear Check = $\text{abs}(V_{y,Rd}) \leq \min(V_{pLy,Trd}, F_{t,Rd}) = \text{abs}(2.214\text{kN})$ (2.214kN) $\leq \min(254.5\text{kN}, 210.8\text{kN})$ (210.8kN) = 2.214, 1.857, 1.5, 1.143, 0.786, 0.429, 0.0714, 1, 1.357, 1.714, 2.071, 2.428 $\rightarrow \text{OK!}$

Minor Shear Check = $\text{abs}(V_{x,Rd}) \leq V_{pLx,Trd} = \text{abs}(0\text{kN})$ (0kN) $\leq 693\text{kN} = 0 \dots \rightarrow \text{OK!}$

Axial Torsion Check = $\text{abs}(N_{t,Rd}) \leq N_{b,Rd,1} = \text{abs}(0\text{kN})$ (0kN) $\leq 1\,180\text{kN} = 0 \dots \rightarrow \text{OK!}$

Steel section deflection check calculation report

SteelSection gb4(I 203x203x52) Capacity Check

Status: *Passed!*

Assumptions and scope:

1. Check is for an unstiffened section. Therefore for web buckling, case c (without stiffener and only considering section shear - not difference in shear) is considered.

2. Plastic section modulus uses the same angle as the elastic section modulus.

3. Moment shape for 2D analysis is conservatively based upon the absolute envelop.

4. Yield strength reduction due to shear and torsion is applied to the entire moment capacity except for I section major capacity which only reduces the web capacity.

5. Critical moment, M_{cr} does not consider unstable loads.

6. K_{zy} is calculated assuming susceptible to torsional deformations and C_mL_T uses same value as C_{my}.

7. Warping torsion is considered assuming both ends are not restraint and a point torque is applied.

Steel Section gb4(I 203x203x52), (Section 1) Capacity Check

Passed in Flange Buckling Check

Passed in Shear Buckling Check

Passed in Major Shear Check

Passed in δ Check

Passed in Section Ratio

Passed in Eq7.2 Check

Passed in Member Ratio 6.61

Passed in Member Ratio 6.62

Passed in Axial Torsion Check

Passed in Torsion ratio check

Passed in Torsion buckling ratio check

Max deflection is:

Deflection Limit = $L_{cr,y} / 200 = 5\,000\text{mm} / 200 = 25$ mm

Project Parameter/Design (Steel)/Deflection Limit

Summary Table for all load combinations

Load Comb Index	Pass Status	Ratio 6.61	Ratio 6.62	Section Ratio	Torsion Section Ratio	Torsion Buckling Ratio	K _{yy}	K _{zz}	K _{yz}	K _{zy}
1	Pass						0.788	1	0.6	1
2	Pass						0.788	1	0.6	1
3	Pass						0.788	0.4	0.24	1
4	Pass						0.787	0.4	0.24	1
5	Pass						0.788	0.4	0.24	1
6	Pass						0.788	0.4	0.24	1

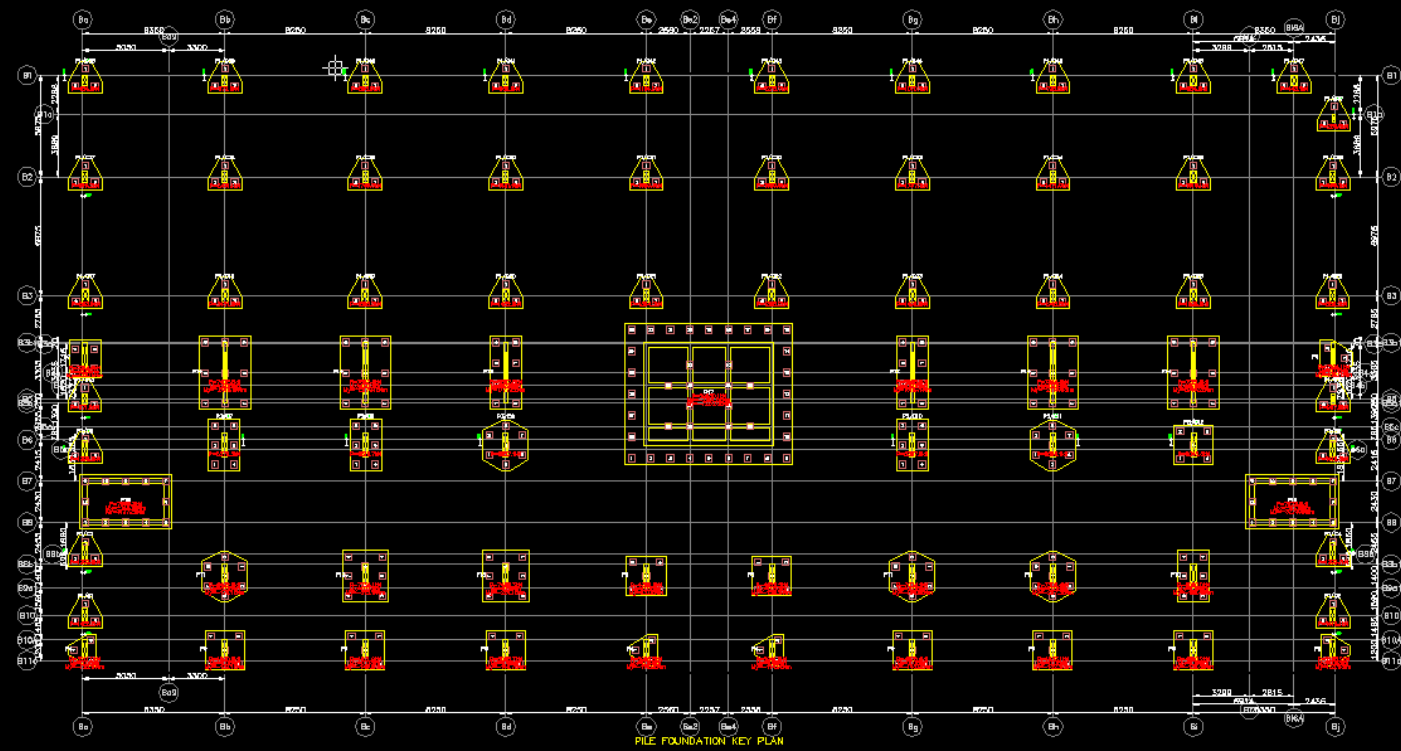
Steel section check report exported to MS Word

DESIGN

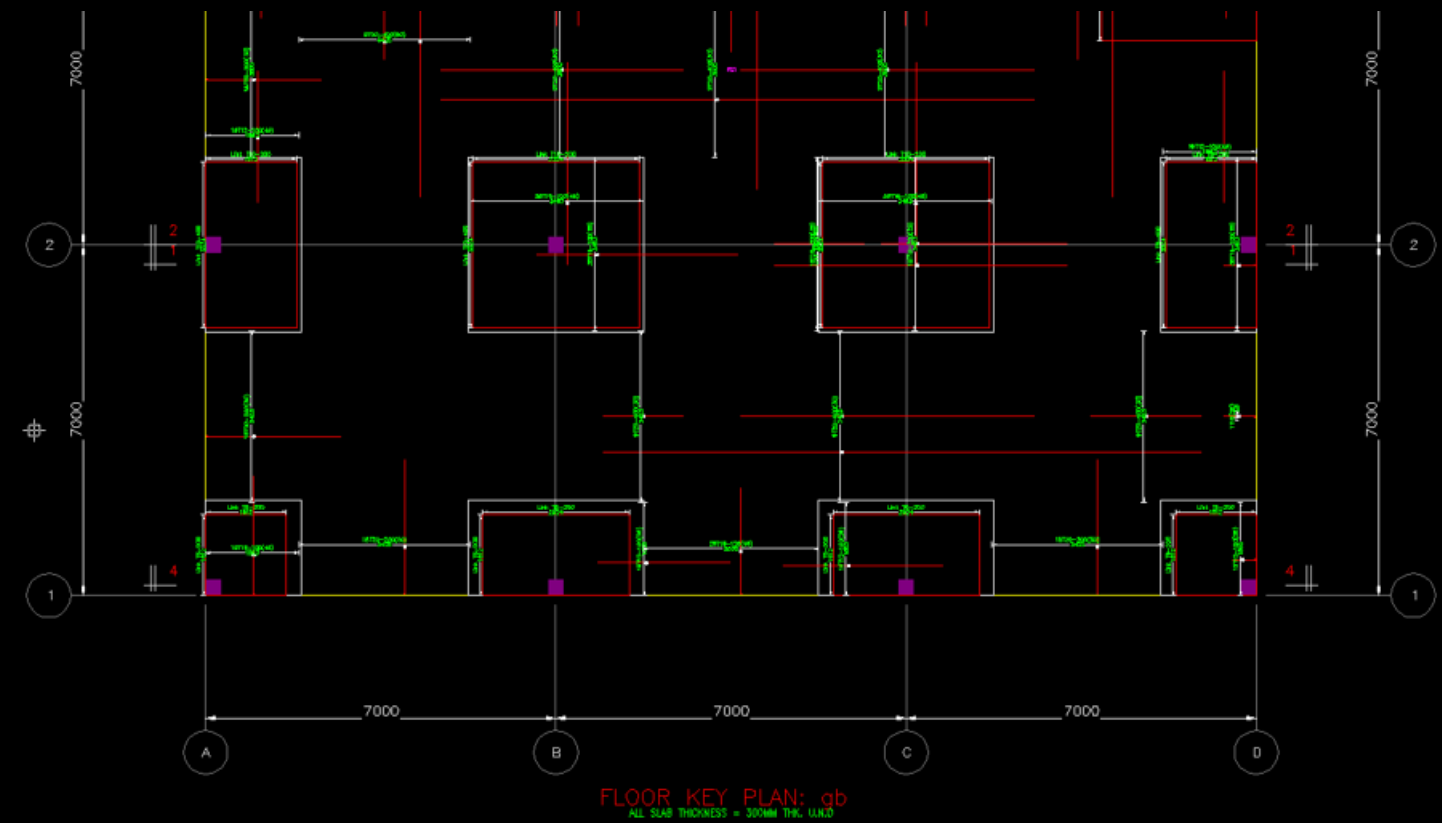
- Complying to BS8110 and EC2 Code of Practices
- Full Design for Slab, Beam, Column and Wall
- Reinforced Concrete Design
- Steel Member Design Check
- Conventional, Stage Construction, P-Delta, Seismic Design
- Foundation Design for Pile and Pad
- Design Calculation Report
- Export out Design Calculation Report to Rich Text Format file to be viewed in MS Word

ESTEEM 11 NEW FEATURES

- Steel Member Design Check from Class 1 to Class 4 complying to EC3
- Slab Displacement contour based on non-reduced sub-frame stiffness
- Slab design based on band-width contour cut
- Pile offset from edge of core wall to increase capacity of foundation
- Column and wall design based on FE end restraint
- Column and Wall Design with Reduced Subframe Moment
- Slab design based on band-width contour cut
- Wall framing beam design is made obsolete and unnecessary for RC Wall
- Multi-section beam deflection checking using weighed effective depth
- Beam end/inner span deflection check is based on its fixity to RC Wall end
- Auto fix Beam End Release on RC Wall
- Flat Slab Design



Foundation design detailing with pile offset feature



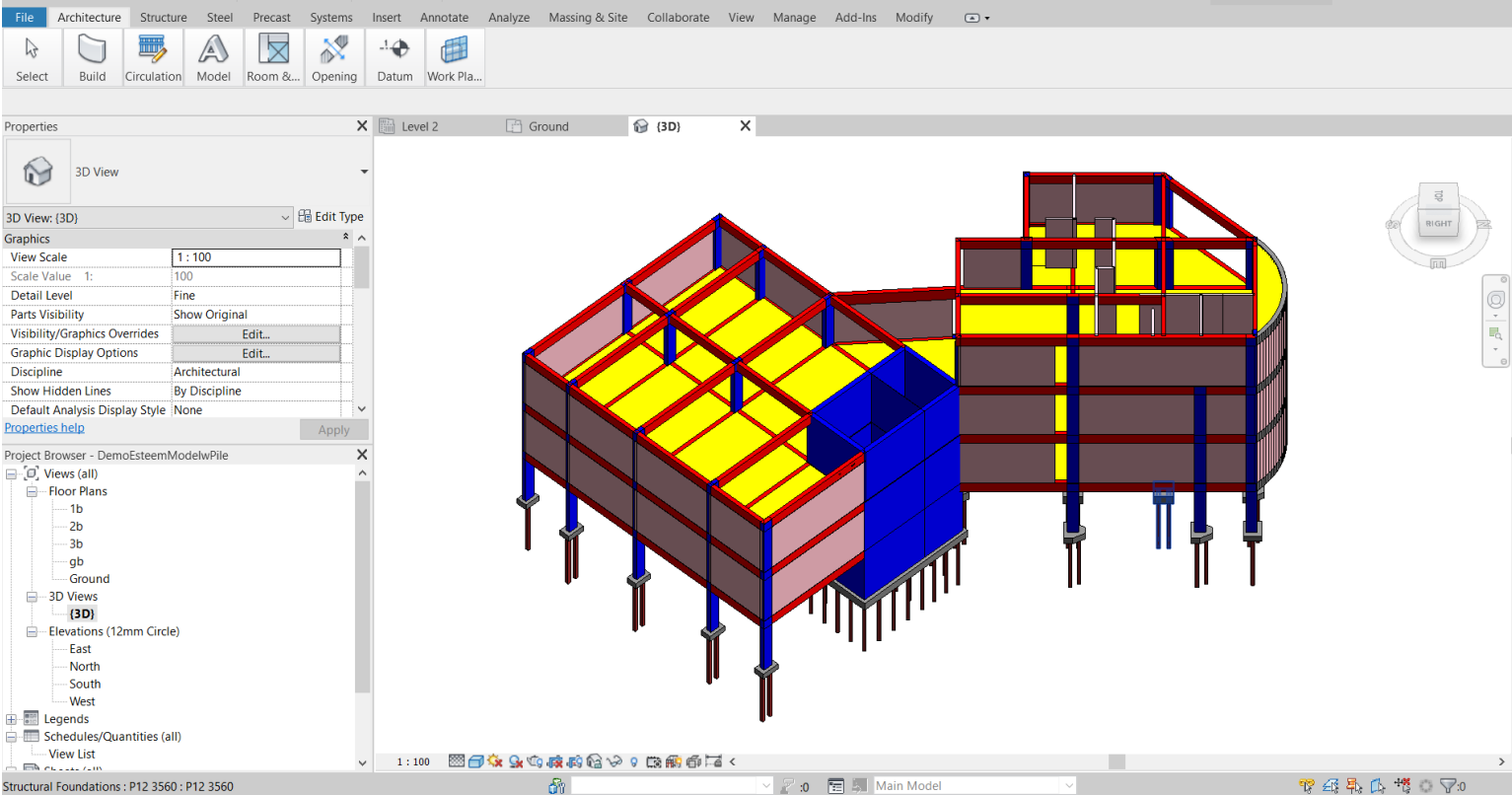
Flat Slab Detailing

DETAILING

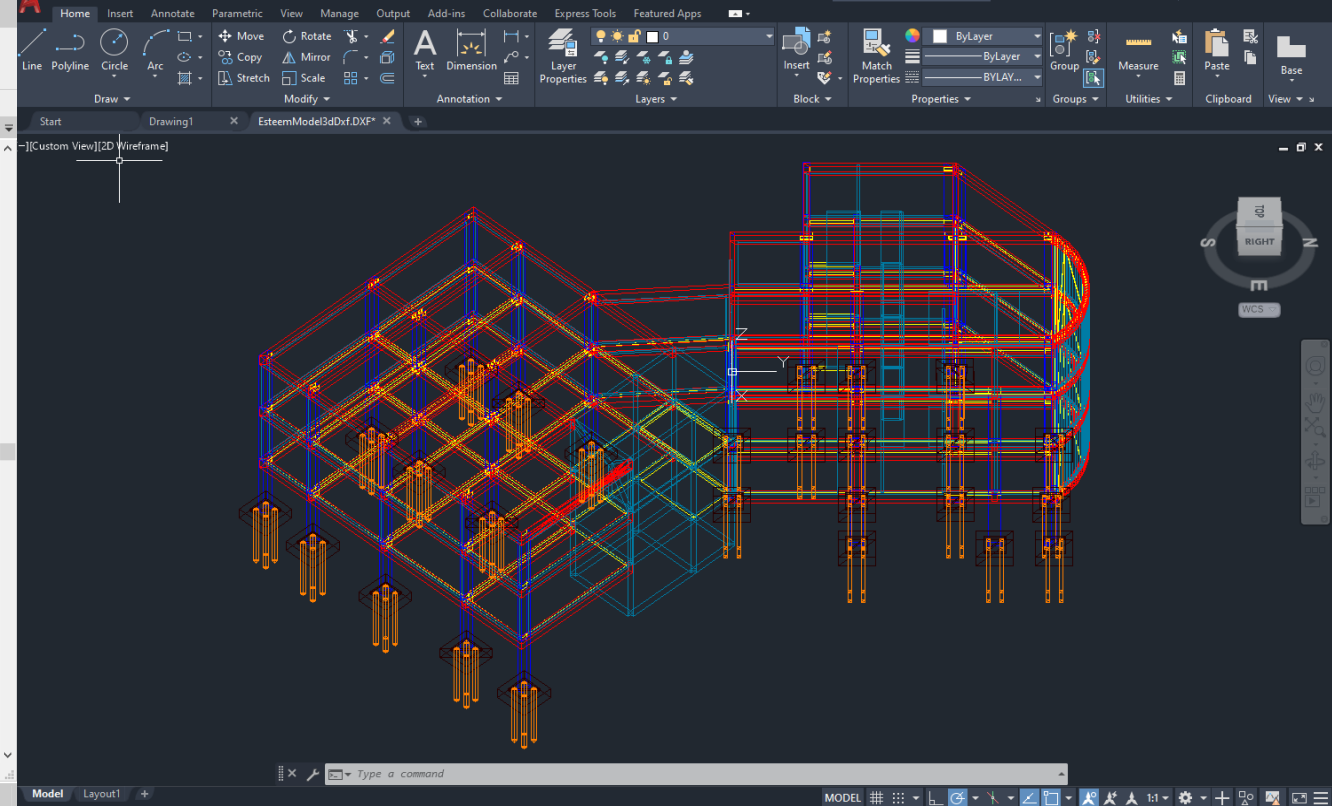
- Auto-Drafting Design Detailing to meet Design Requirements
- Auto arrange beam and slab detailing cuts to fit imported Title Block drawing
- Detailing Schedule Table for RC Wall and Pile & Pad Foundation
- Export out 2D detailing to DXF or DWG file

ESTEEM 11 NEW FEATURES

- Wall link detailing is added in schedule table and needed for every vertical rebar if it is $\geq 2\%$
- Column & Wall mark plan in detailing schedule table
- Option to show only support/necessary grids for 'cleaner' grids and dimensions in detailing plan
- Flat Slab Detailing



Autodesk Revit import of IFC2x3 model exported from Esteem 11



Autocad import of 3D DXF model exported from Esteem 11

BIM INTEROPERABILITY

- Export Esteem Floor key plans to dxf, dwg formats (Latest Autodesk 2024-2026 dxf/dwg compatibility)
- Import dxf/dwg key plans into Esteem to be used as tracing or auto assign drawing entities as Esteem input object in dwg
- Export Esteem 3D models to IFC2x3, 3D DXF
- Esteem RC physical model BIM interoperability with Autodesk Revit (Latest Revit 2024-2026 compatibility)
- Backward and Forward Compatibility of Esteem project files

ESTEEM 11 NEW FEATURES

- IFC2x3 geometric export of Esteem model including pile and pad foundation
- Autodesk Revit 2024/2025/2026 and add-in link to provide import/export compatibility of RC structure model
- Autocad 2024/2025/2026 import and export compatible for dwg/dxf files
- Forward Compatibility:- Older software versions from Esteem 11 onwards can open Esteem model created by newer software versions

gb

1b

Quantity Takeoff

Total

Show All

Show Selected

Slab

Beam

Slanting Beam

Column

RC Wall

Pad

Pile

Project

Floor		Concrete, m³	Lean Concrete, m³	Formwork, m²	Side Formwork, m²	
☐	3b	0.521	0.000	4.170	0.000	
☐	2b	13.420	0.000	101.584	1.333	
☐	1b	35.156	0.000	264.676	1.142	
☐	gb	35.156	0.000	264.676	1.142	
Mark	Thickness, mm	Concrete, m³	Lean Concrete, m³	Formwork, m²	Side Formwork, m²	
☐	FS1	125	0.521	0.000	4.170	0.000
☐	FS2	125	1.875	0.000	15.000	0.000
☐	FS3	125	2.963	0.000	23.700	0.000
☐	FS4	125	1.750	0.000	14.000	0.000
☐	FS5	125	0.713	0.000	5.700	0.000
☐	FS6	125	2.765	0.000	22.120	0.000
☐	FS7	125	1.767	0.000	14.136	0.000
☐	FS8	125	1.806	0.000	14.451	0.000
☐	FS9	125	0.556	0.000	4.451	0.317
☐	FS10	125	0.586	0.000	4.686	0.254
☐	FS11	125	0.814	0.000	6.511	0.000
☐	FS12	125	0.645	0.000	5.162	0.000
☐	FS13	125	0.272	0.000	2.178	0.254
☐	FS14	125	1.525	0.000	12.202	0.000
☐	FS15	200	3.102	0.000	15.510	0.000
☐	FS16	125	1.412	0.000	11.298	0.000
☐	FS18	125	1.012	0.000	8.092	0.317
☐	FS19	200	2.421	0.000	12.104	0.000
☐	FS20	125	3.300	0.000	26.400	0.000
☐	FS21	125	2.306	0.000	18.445	0.000
☐	FS22	125	3.045	0.000	24.360	0.000
Project		84.253	0.000	635.106	3.617	

Concrete & Formwork

ReBar@SpanBot

Mesh@SpanBot

Support ReBar

Mesh@Support

Costing

Slab Concrete Foamwork Quantity Take-off

Slab [Compatibility Mode] - Word						
File	Home	Insert	Page Layout	Formulas	Data	Review
View	Help	Tell me what you want to do				
Paste	Cut	Copy	Format Painter	Clipboard		
Font		Font		Alignment		
Company Name :						
A	B	C	D	E	F	G
Mark	Thickness, mm	Concrete, m³	Lean Concrete, m³	Formwork, m²	Side Formwork, m²	
7	F51	125	0.521	0.000	4.170	0.000
8	R2	-	0.000	0.000	0.000	0.000
9	R3	-	0.000	0.000	0.000	0.000
10	R4	-	0.000	0.000	0.000	0.000
11	R11	-	0.000	0.000	0.000	0.000
12	R15	-	0.000	0.000	0.000	0.000
13	Floor : 2b	0.521	0.000	4.170	0.000	
14	FS1	125	0.521	0.000	4.170	0.000
15	FS7	125	0.586	0.000	4.686	0.254
16	FS9	200	0.890	0.000	4.451	0.508
17	FS10	125	0.284	0.000	2.270	0.254
18	FS11	125	0.837	0.000	6.693	0.000
19	FS12	200	1.032	0.000	5.162	0.000
20	FS13	125	1.791	0.000	14.325	0.000
21	FS14	125	1.549	0.000	12.392	0.000
22	FS15	125	1.969	0.000	15.752	0.000
23	FS16	125	1.012	0.000	8.092	0.317
24	FS18	125	1.412	0.000	11.298	0.000
25	FS20	125	1.537	0.000	12.293	0.000
26	R2	-	0.000	0.000	0.000	0.000
27	R3	-	0.000	0.000	0.000	0.000
28	R4	-	0.000	0.000	0.000	0.000
29	R5	-	0.000	0.000	0.000	0.000

Slab [Compatibility Mode] - Word											
Home	Insert	Design	Layout	References	Mailings	Review					
View	Help	Tell me what you want to do									
Font		Font		Paragraph							
Styles											
Slab Formwork and Concrete Costing Tables											
Concrete Volume and Cost											
Floor	Grade	Volume (m³)	Raw (RM)	Placement (RM)							
2b	30	0.521	78.15	130.25							
1b	30	13.420	2,013.00	3,355.00							
gb	30	35.156	5,273.40	8,789.00							
Total		49.097	7,364.55	12,274.25							
Lean Concrete Volume and Cost											
Floor	Lean Concrete (m³)	Raw (RM)	Placement (RM)								
2b	0.000	0.00	0.00								
1b	0.000	0.00	0.00								
gb	0.000	0.00	0.00								
Total		0.000	0.00								
Formwork Area and Cost											
Floor	Formwork Area (m²)	Raw (RM)	Placement (RM)								
2b	4.170	83.40	125.10								
1b	102.917	2,058.34	3,087.51								
gb	265.818	5,316.36	7,974.54								
Total		372.905	7,458.10		11,187.15						
Slab Reinforcement Costing Tables											
Bottom Bar and Cost											
Floor	Diameter	Weight (kg)	Raw (RM)	Placement (RM)							
2b	T10	40.267	80.53	100.67							
1b	T10	729.655	1,459.31	1,824.14							
gb	T10	1,800.565	3,601.13	4,501.41							
Total		2,570.486	5,140.97	6,426.22							
Top Bar (Middle + Distribution) and Cost											
Floor	Diameter	Weight (kg)	Raw (RM)	Placement (RM)							
2b	T10	14.534	29.07	36.34							
1b	T10	237.574	475.15	593.93							
gb	T10	576.802	1,153.60	1,442.00							
Total		828.910	1,657.82	2,072.27							
Top Bar (Support) and Cost											
Floor	Diameter	Weight (kg)	Raw (RM)	Placement (RM)							
2b	T10	27.688	55.38	69.22							

Slab Concrete Foamwork Export to MS Excel

Slab Costing Export to Word

QUANTITY TAKE-OFF

- Quantity take-off for Concrete & Foam-work, Steel Rebar, Mesh and Costing results for Slab, Beam, Column, Wall and Footing
- Export quantity take-off results to MS Word and Excel

ABOUT

ESTEEM INNOVATION SDN BHD was founded in 1994 with the goal of creating a total integrated solution and user friendly software for structural design consultants to model, analyze and design reinforced concrete buildings with all its detailing fully generated to meet design requirements such as the code of practices, safety, and economical design

Founded and based in Malaysia, **ESTEEM SOFTWARE** has over 3,200 copies of license in Malaysia and is being used heavily by many local Malaysia private engineering firms, government organizations and universities to aid in the design of real construction projects locally.

ESTEEM SOFTWARE is also being used in overseas market such as Singapore, Brunei, Sri Lanka, Qatar, Australia for the design of real construction projects overseas.

AWARDS & RECOGNITIONS

1. "Merit in Best Industrial Applications" in MSC-Asia Pacific ICT Award 2010
2. "Best of Industrial Applications" in MSC-Asia Pacific ICT Award 2005
3. "Best Engineering Award" at the 7th International Conference on Concrete Technology in Developing Countries (7th ICCT, October 5-8, 2004)



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