



Union
Technical
Outsource

ESTIMATING Portfolio



ACCURATE
ESTIMATES



ON TIME
DELIVERY



RELIABLE
PARTNER



DEDICATED
SUPPORT



BLUEBEAM®
REVU® 20
STANDARD



Your Technical Team At Scale

Count on our team of Vietnamese engineers, draftsmen, estimators, and 3D renderers, with a local Australian representative to overcome workforce challenges.



OUR PARTNERSHIP

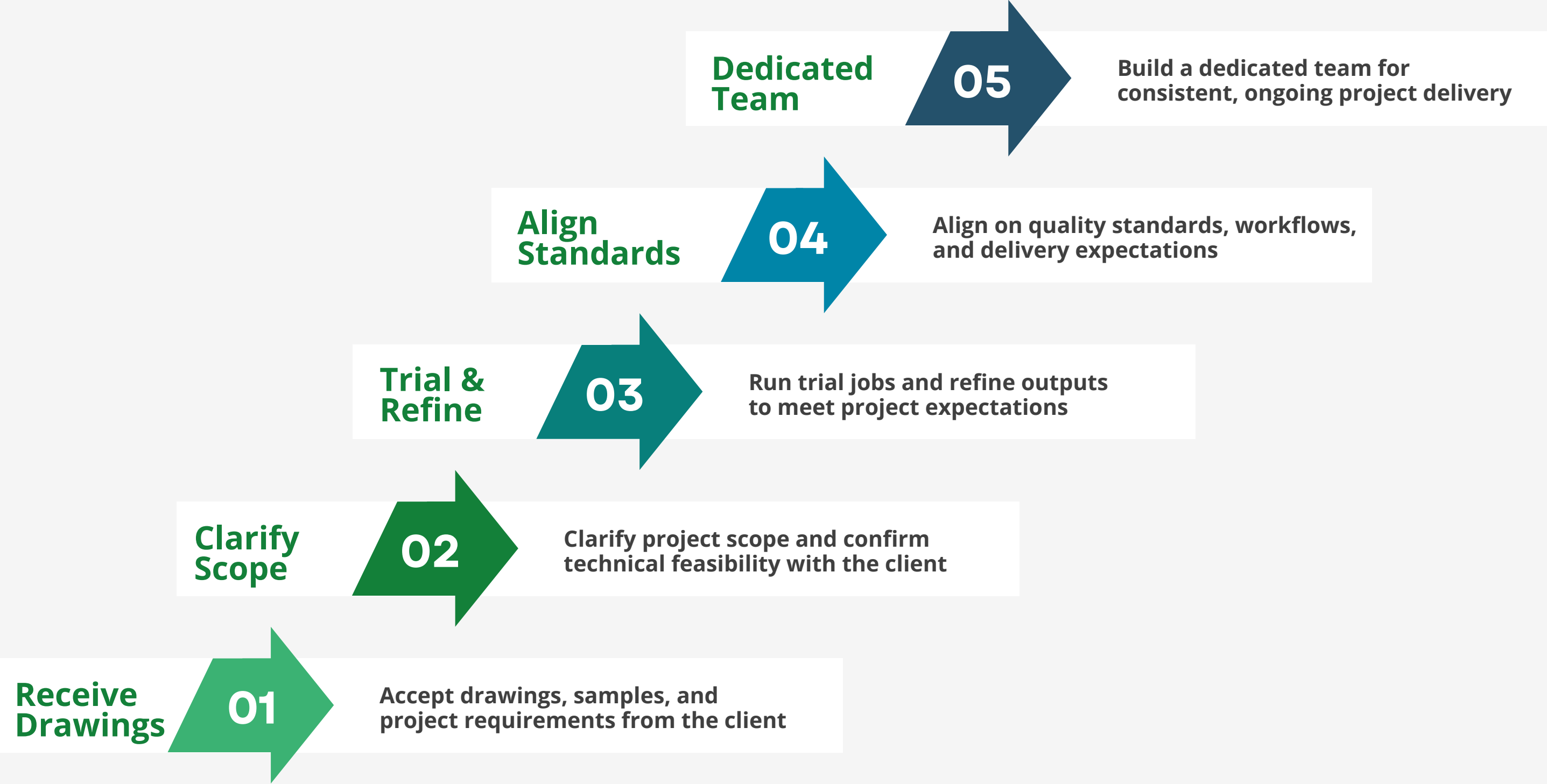
Australian
businesses
that require
offshore support



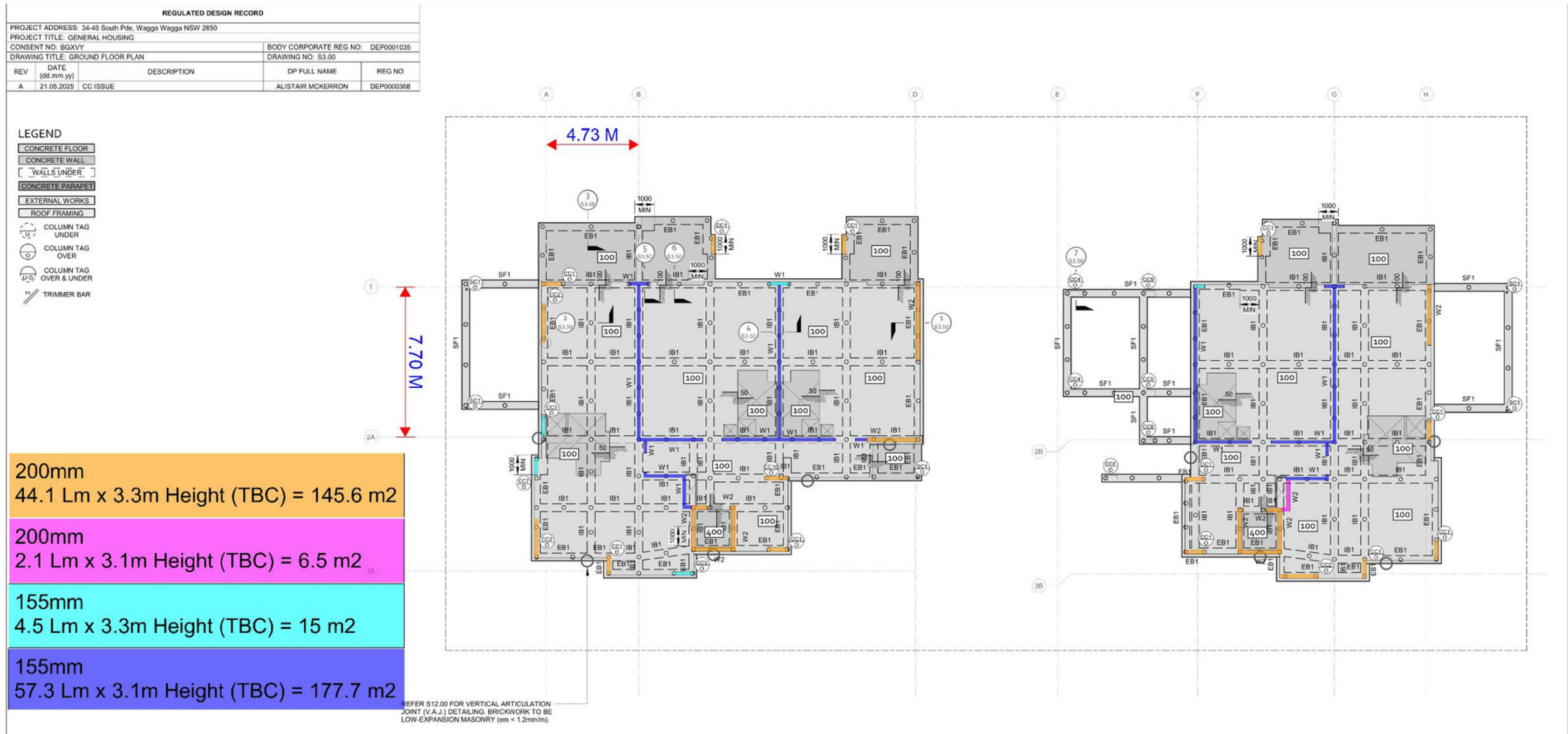
Vietnamese
engineers
(employed by UTO)



THE BLUEPRINT FOR CLIENT ONBOARDING AND SUCCESS

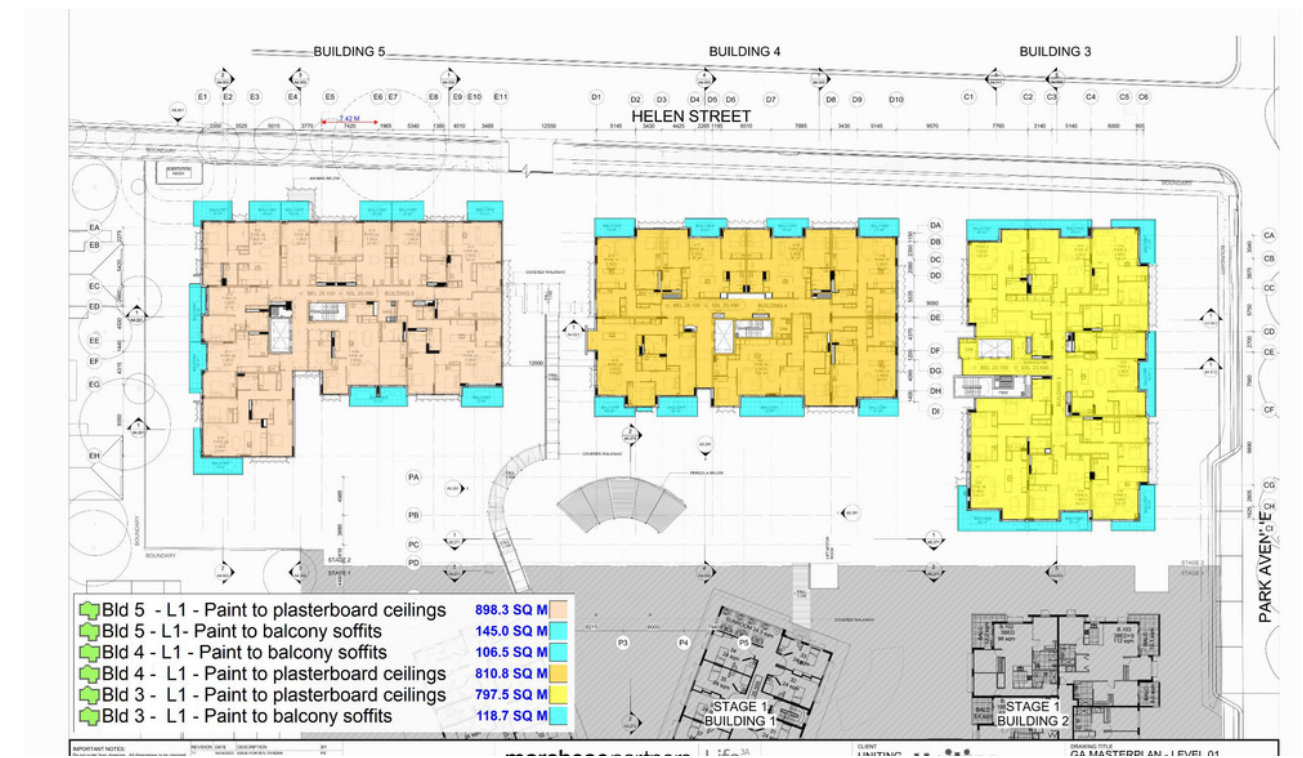


PERMANENT FORMWORK WALL ESTIMATING



Permanent Formwork Wall estimating is one of UTO's core areas of experience. Using PlanSwift, our team works from project drawings to identify and quantify permanent formwork wall systems, wall types and relevant openings.

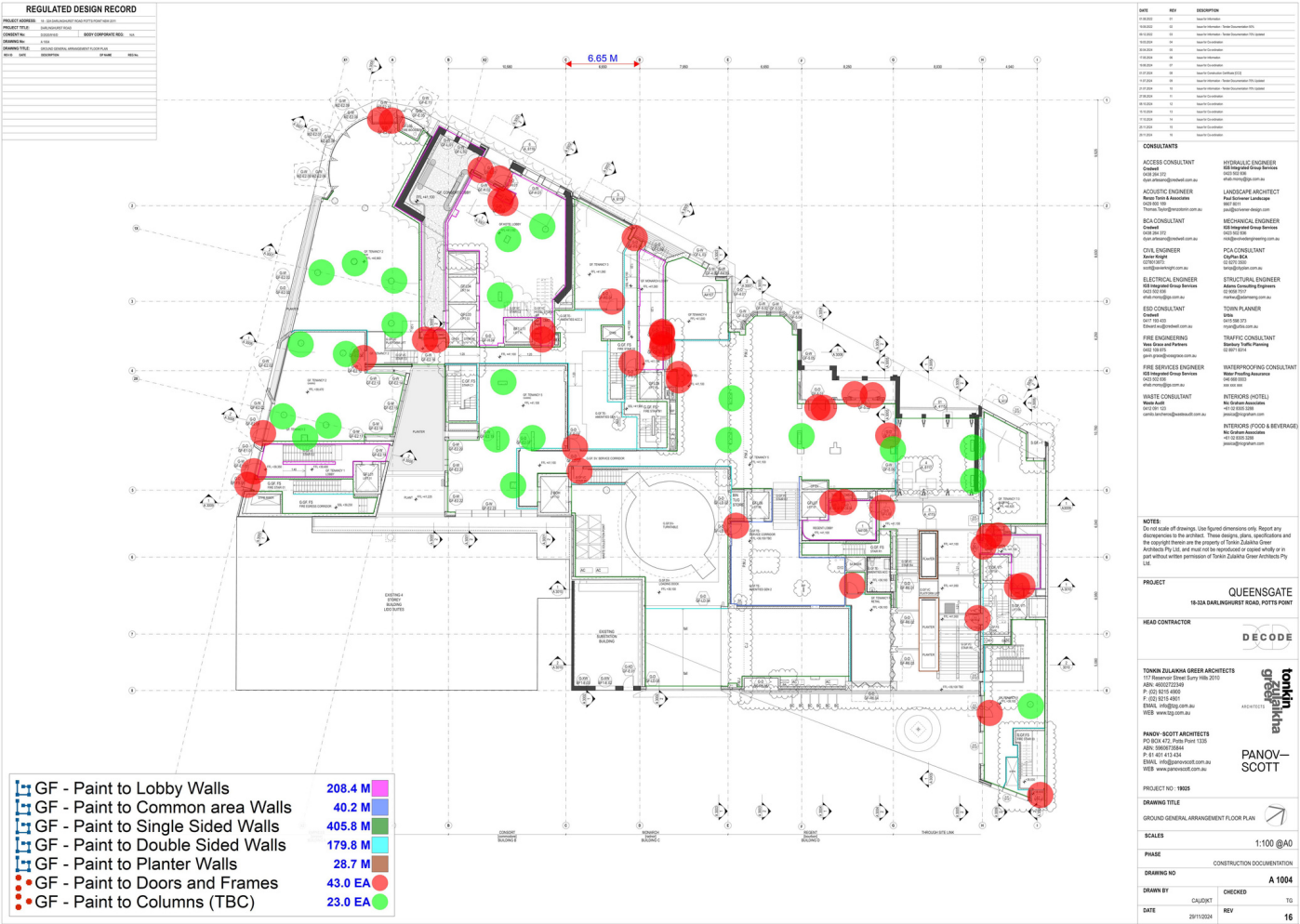
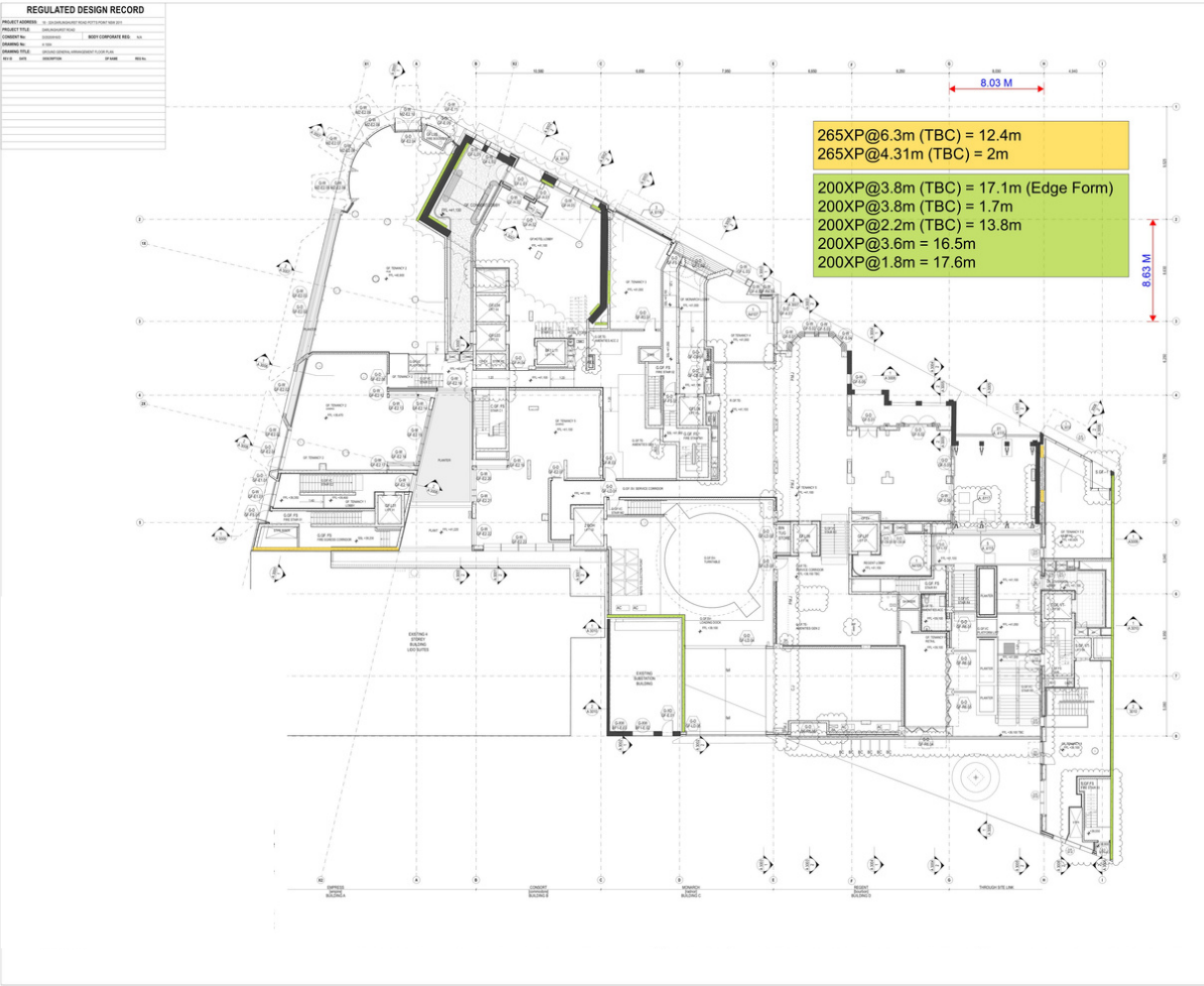
PAINTING ESTIMATING



UTO also provides painting quantity take-off support using PlanSwift.

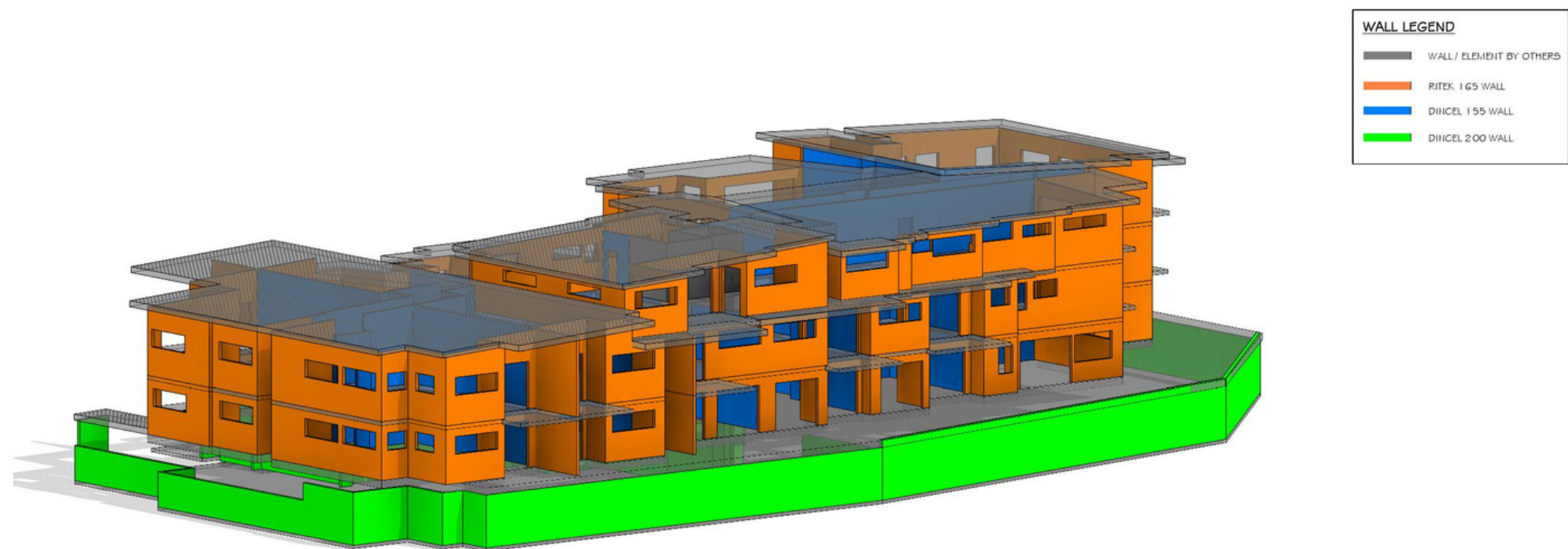
The scope can be organised by area, floor, elevation or other project-specific requirements to provide a clear basis for estimating and pricing.

MULTI-PACKAGE ESTIMATING EXPERIENCE



UTO was engaged to provide estimating support for two trade packages within this project: Permanent Formwork Wall and Painting. The scope involved reviewing project drawings, identifying and measuring relevant construction elements, performing detailed quantity take-offs using PlanSwift and Revit where applicable, and preparing structured quantity schedules for each package.

3D WALL VISUALISATION & QUANTITY EXTRACTION



LEVEL 1 DINCCEL WALL SUMMARY						
Type	Width	Area	Contingency (8%)	Total Area	Volume	Length
DINCCEL 155	155	504.20 m²	40.34 m²	544.53 m²	78.15 m³	190.46 m
Grand total: 49		504.20 m²	40.34 m²	544.53 m²	78.15 m³	190.46 m

LEVEL 2 DINCCEL WALL SUMMARY						
Type	Width	Area	Contingency (8%)	Total Area	Volume	Length
DINCCEL 155	155	571.91 m²	45.75 m²	617.67 m²	88.63 m³	191.16 m
Grand total: 49		571.91 m²	45.75 m²	617.67 m²	88.63 m³	191.16 m

LEVEL 3 DINCCEL WALL SUMMARY						
Type	Width	Area	Contingency (8%)	Total Area	Volume	Length
DINCCEL 155	155	226.83 m²	18.15 m²	244.98 m²	35.13 m³	69.62 m
Grand total: 18		226.83 m²	18.15 m²	244.98 m²	35.13 m³	69.62 m

DINCCEL WALL SUMMARY						
Type	Width	Area	Contingency (8%)	Total Area	Volume	Length
DINCCEL 155	155	1302.94 m²	104.24 m²	1407.17 m²	201.91 m³	451.24 m
DINCCEL 200	200	844.89 m²	67.59 m²	912.48 m²	168.63 m³	362.59 m
Grand total: 185		2147.83 m²	171.83 m²	2319.66 m²	370.54 m³	813.84 m

LEVEL 1 RITEK WALL SUMMARY						
Type	Width	Area	Contingency (8%)	Total Area	Volume	Length
RITEK 165	165	529.21 m²	42.34 m²	571.55 m²	87.32 m³	243.28 m
Grand total: 63		529.21 m²	42.34 m²	571.55 m²	87.32 m³	243.28 m

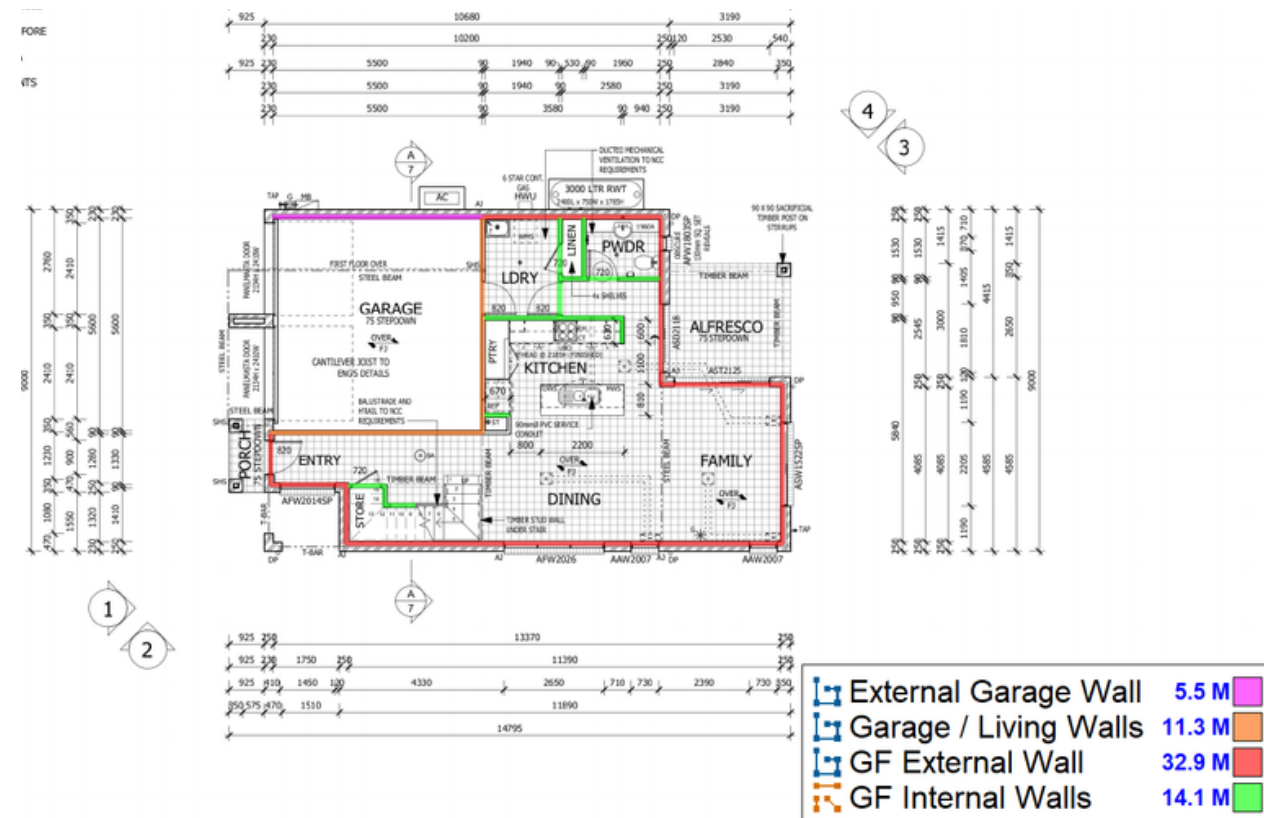
LEVEL 2 RITEK WALL SUMMARY						
Type	Width	Area	Contingency (8%)	Total Area	Volume	Length
RITEK 165	165	609.45 m²	48.76 m²	658.21 m²	100.52 m³	239.69 m
Grand total: 62		609.45 m²	48.76 m²	658.21 m²	100.52 m³	239.69 m

LEVEL 3 RITEK WALL SUMMARY						
Type	Width	Area	Contingency (8%)	Total Area	Volume	Length
RITEK 165	165	392.18 m²	31.37 m²	423.56 m²	64.65 m³	160.74 m
Grand total: 40		392.18 m²	31.37 m²	423.56 m²	64.65 m³	160.74 m

RITEK WALL SUMMARY						
Type	Width	Area	Contingency (8%)	Total Area	Volume	Length
RITEK 165	165	1530.85 m²	122.47 m²	1653.32 m²	252.49 m³	643.71 m
Grand total: 165		1530.85 m²	122.47 m²	1653.32 m²	252.49 m³	643.71 m

For selected Permanent Formwork Wall projects, UTO uses Revit to develop 3D wall representations and support quantity extraction. The 3D model provides an additional visual layer for reviewing wall types, levels, intersections and project scope.

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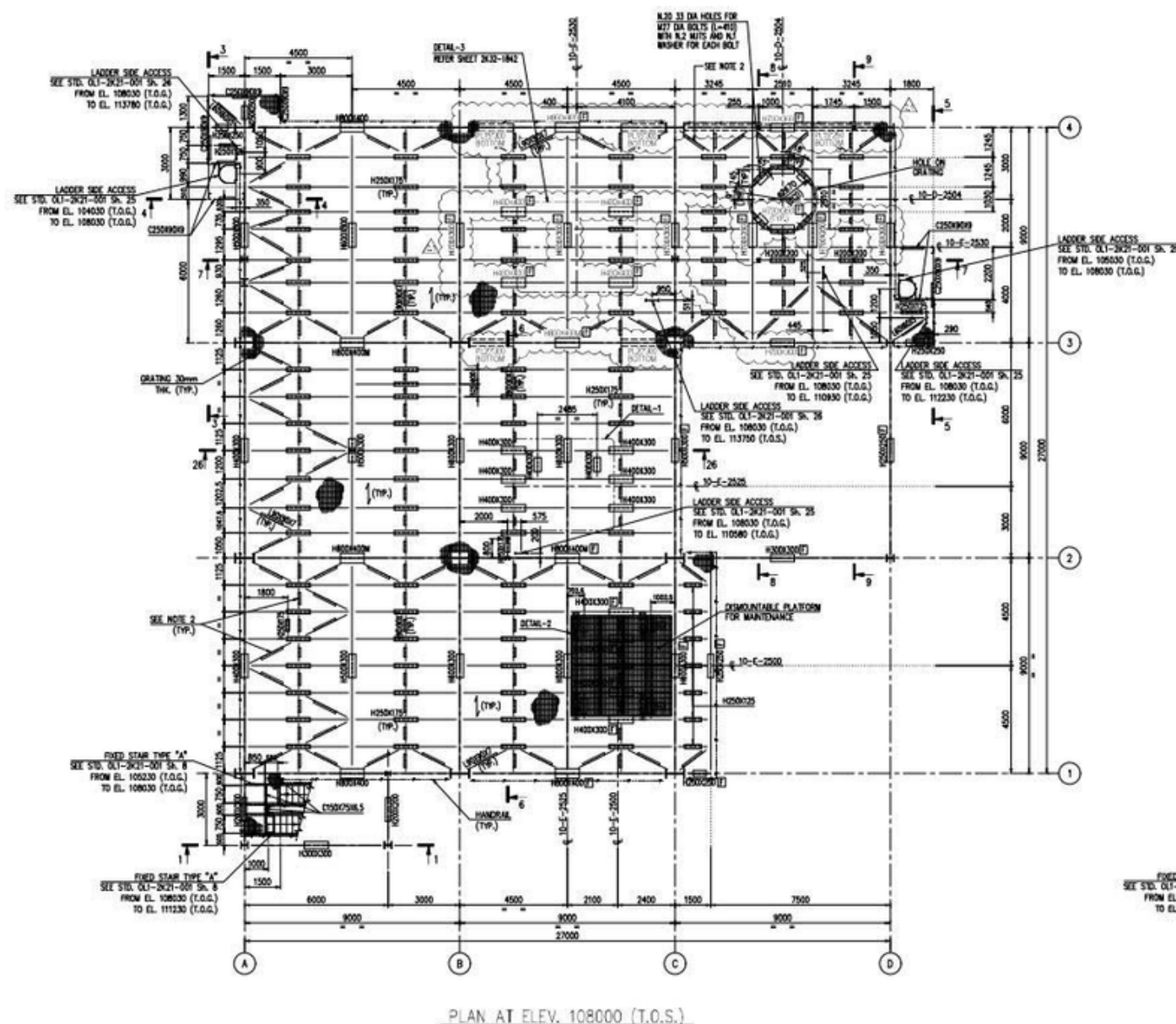


GROUND FLOOR ELEC.

FIRST FLOOR ELEC.

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STEEL STRUCTURAL ESTIMATING



QUANTITY TABLE											
PROJECT:											
ITEMS: STEEL STRUCTURE											
MARK	COMPONENT NAME	QUANTITY	TOTAL QUANTITY	UNIT	PROFILE	Factor			1.00		
						DIMENSIONS			UNIT WEIGHT (kg)	TOTAL WEIGHT (kg)	REMARKS
LENGTH (mm)	WIDTH (mm)	THICKNESS (mm)									
MEZZANINE +108000			1								
Horizontal	I700*300*13*24	2	2	kg	I700*300*13*24	8,600	I700*300*13*24	185.000	1,591.00	3,182.00	BRACING
Horizontal	I800*400*16*32	2	2	kg	I800*400*16*32	8,600	I800*400*16*32	248.000	2,132.80	4,265.60	BRACING
	Stiffener	2	2	kg	300*15	8,600	300	25	506.33	1,012.65	BRACING
	Stiffener	1	1	kg	250*15	8,600	250	25	421.94	421.94	BRACING
Vertical	I400*400*13*21	4	4	kg	I400*400*13*21	4,500	I400*400*13*21	172.000	774.00	3,096.00	BRACING
Vertical	I700*300*13*24	2	2	kg	I700*300*13*24	9,000	I700*300*13*24	185.000	1,665.00	3,330.00	BRACING
Vertical	I800*300*14*26	1	1	kg	I800*300*14*26	9,000	I800*300*14*26	207.000	1,863.00	1,863.00	BRACING
Vertical	I700*350*14*25	2	2	kg	I700*350*14*25	9,000	I700*350*14*25	209.000	1,881.00	3,762.00	BRACING
Vertical	I400*300*10*16	1	1	kg	I400*300*10*16	9,000	I400*300*10*16	105.000	945.00	945.00	BRACING
TOTAL										21,878.19	21,878.19

LEADERSHIP CONTACTS

Trusted professionals behind every successful project.



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Thank you for your time.

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