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			PDF	Mathcad	Order
1 Actions	<i>Full Set (including discount)</i>		\$45	\$450	
1A Analysis					
Updated	Beam Analysis	Rev 1	\$2	\$20	
	Beam Deflections allowing for Flexure & Shear	Rev 0	\$2	\$20	
	SIPS Panel Beam Design using a Compound Section	Rev 0	\$2	\$20	
	Frame Analysis using Kleinlogal	Rev 0	\$2	\$20	
	Pitched Portal Frame Analysis using Kleinlogal	Rev 0	\$2	\$20	
	Section Properties - Angle	Rev 0	\$2	\$20	
	Section Properties - Channel	Rev 0	\$2	\$20	
	Section Properties - RHS	Rev 0	\$2	\$20	
New	Section Properties - Tee	Rev 0	\$2	\$20	
	Floor Vibration by Mast Method	Rev 0	\$2	\$20	
New	SIPS PIR Panel - Section Properties (Bottom skin steel, Top Skin Aluminium)	Rev 1	\$2	\$20	

			PDF	Mathcad	Order
New	Compound Section Properties (RHS Aluminium Outer + 2No. Steel Plate Inside)	Rev 1	\$2	\$20	
New	Compound Section Properties (RHS Aluminium Outer + RHS Steel Inner)	Rev 1	\$2	\$20	
New	Nested Channel Member Design using a Compound Section	Rev 1	\$2	\$20	
1B Wind Actions					
Updated	Wind Loading to NZS1170.2: 2021	Rev 1	\$2	\$20	
New	Wind on Canopies	Rev 0	\$2	\$20	
New	Wind on Elements	Rev 0	\$2	\$20	
	Wind on a Hoarding	Rev 0	\$2	\$20	
New	Freestanding Roofs subject to Wind Loads	Rev 1	\$2	\$20	
New	Circulars Bins, Silos & Tanks subject to Wind Loads	Rev 1	\$2	\$20	
New	Roof Mounted Solar Panels subject to Wind Loads	Rev 1	\$2	\$20	
1C Snow Actions					
	Snow Loading	Rev 0	\$2	\$20	
1D Seismic Actions					
	Derivation of Horizontal Seismic Design Action Coefficient	Rev 0	\$2	\$20	
	Seismic Demand on Steel Beam (by Parts)	Rev 0	\$2	\$20	
	Seismic Restraints for Equipment	Rev 0	\$2	\$20	
			\$50	\$500	
2 Concrete			<i>Full Set</i>	\$22	\$252
2A RC-New Design					
New	Anchor Design	Rev 1	\$2	\$20	
New	Anchor Design - Corner Columns	Rev 1	\$2	\$20	
	RC-Beam Check	Rev 0	\$2	\$20	
	RC Circular Squat Column Design	Rev 0	\$2	\$20	
	RC-Slab Check	Rev 0	\$2	\$20	
New	RC-Stair Design	Rev 1	\$2	\$20	
New	Calculation of Shrinkage Strain in Concrete	Rev 1	\$2	\$20	
2B RC-Seismic Assessment					
	RC Beam Check	Rev 0	\$2	\$20	
	RC Column Check	Rev 0	\$2	\$20	
2C PCC New Design					
	Floor Vibration by Mast Method	Rev 0	\$2	\$20	
New	Tiltwall Single Storey Shear Wall	Rev 1	\$2	\$40	
New	Tiltwall Single Storey Propped Cantilever	Rev 1	\$2	\$40	
			\$24	\$280	

			PDF	Mathcad	Order
3 Steel			<i>Full Set</i>	\$76	\$810
3A Steel New Design					
Updated	Bolt Group subject to In-plane Bending, Axial & Shear Forces	Rev 1	\$2	\$20	
New	Bolt Group subject to Out of plane Bending, Axial & Shear Forces	Rev 1	\$2	\$20	
New	Portal Knee Bolted Connection	Rev 1	\$2	\$20	
New	Fire Rating to NZS 3404	Rev 1	\$2	\$20	
New	Reid Bar Connection Design	Rev 0	\$2	\$20	
New	Steel Column Design subject to Biaxial Bending, Shear, and Axial Load	Rev 1	\$2	\$20	
	Steel Connection Design-Apex	Rev 1	\$2	\$20	
	Steel Connection Design-BCS1	Rev 1	\$2	\$20	
	Steel Connection Design-Bolt Group	Rev 1	\$2	\$20	
	Steel Connection Design-Fin Plate	Rev 1	\$2	\$20	
	Steel Connection Design-WeldedKnee	Rev 1	\$2	\$20	
	Steel Connection Design-Splice	Rev 1	\$2	\$20	
	Steel Handrail Design	Rev 0	\$2	\$20	
	Steel Portal Frame BUs	Rev 0	\$2	\$20	
Updated	Steel Portal Frame Design Check	Rev 1	\$2	\$20	
New	Steel Rafter Restraint Design	Rev 1	\$2	\$20	
New	Weld Design subject to Shear	Rev 1	\$2	\$20	
New	Steel Beam Design Database UB, UC, PFC	Rev 0	\$2	\$40	
New	Steel Column Design Database UB, UC, PFC	Rev 0	\$2	\$40	
New	Steel Column Design Database SHS, RHS, CHS	Rev 0	\$2	\$40	
3B Steel Seismic Assessment					
	Steel Beam Design subject to Biaxial Bending, Shear & Axial Load	Rev 1	\$2	\$20	
3C Light Gauge Steel					
Updated	Light Steel Fixing	Rev 1	\$2	\$20	
New	Light Steel Rivets - Matrix	Rev 1	\$2	\$20	
New	Light Steel Screws - Matrix	Rev 1	\$2	\$20	
	Light Steel Members - Angles	Rev 0	\$2	\$20	
	Light Steel Members - Channels	Rev 0	\$2	\$20	
	Connection Design - Beam-Column	Rev 0	\$2	\$20	
	Connection Design - Portal-Base	Rev 0	\$2	\$20	
	Connection Design - Portal-Knee	Rev 0	\$2	\$20	
	Connection Design - Portal-Brace	Rev 0	\$2	\$20	
3D Structural Insulated Panels (SIPS)					
Updated	SIPS Panel Beam Design using a Compound Section (Simplified Version)	Rev 1	\$2	\$20	

			PDF	Mathcad	Order
New	Wall to Ceiling Panel Connection using Aluminium Angles & Rivets	Rev 1	\$2	\$20	
	SIPS-Panel-Beam-with-Aluminium Angles	Rev 0	\$2	\$20	
	SIPS-Panel-Beam-with Steel Angles	Rev 0	\$2	\$20	
Updated	SIPS-Panel-Beam-with Steel Channels	Rev 1	\$2	\$20	
	SIPS-Roof-Design	Rev 0	\$2	\$20	
	SIPS-Slender Wall Design	Rev 0	\$2	\$20	
	SIPS-Wall-Splice-Design	Rev 0	\$2	\$20	
New	SIPS-Panel-Beam-with Timber Chords NZS 3603	Rev 0	\$2	\$20	
New	SIPS-Panel-Beam-with Timber Chords Asymmetric NZS 1720	Rev 0	\$2	\$20	
	Thermopanel-Load-Spans	Rev 0	\$2	\$20	
	Thermopanel-Spans	Rev 0	\$2	\$20	
			\$84	\$900	

4 Composite

5 Timber

			<i>Full Set</i>	\$29	\$342	
5A Timber New Design						
	Glass Barrier Design- Timber Fixing	Rev 0	\$2	\$20		
	Timber Barrier Design	Rev 0	\$2	\$20		
	Timber Beam Design (single span)	Rev 0	\$2	\$20		
New	Timber Beam Design (multi-span) Database Driven	Rev 1	\$2	\$40		
New	LVL Beam Design (multi-span)	Rev 1	\$2	\$40		
New	Timber Beam Design Example	Rev 1	\$2	\$20		
	Timber Bolted Joint	Rev 0	\$2	\$20		
	Timber Screwed Joint	Rev 0	\$2	\$20		
New	Timber Screwed Joint - Matrix	Rev 1	\$2	\$20		
New	Timber Nailed Joint - Matrix	Rev 1	\$2	\$20		
	Timber Post / Ballustrade Base Fixing	Rev 0	\$2	\$20		
New	Timber Column Design Examples	Rev 1	\$2	\$20		
New	Timber Steel Flitch Beam Design	Rev 1	\$2	\$20		
New	Timber Post Design (Subject to Compression & Tension) Database Driven	Rev 1	\$2	\$40		
5B Timber Seismic Assessment						
	Timber Beam Assessment	Rev 1	\$2	\$20		
	Probable Shear Strength of an Existing Timber Floor Diaphragm	Rev 0	\$2	\$20		
			\$32	\$380		

		PDF	Mathcad	Order
6 Masonry		<i>Full Set</i>	\$22	\$216
6A Reinforced Masonry Design Examples (NZCMA)				
3.2a Reinforced Masonry Beam Flexure (NZCMA)	Rev 0	\$2	\$20	
3.2b Reinforced Masonry Wall Flexure In Plane (NZCMA)	Rev 0	\$2	\$20	
3.3 Reinforced Masonry Wall Flexure Out of Plane (NZCMA)	Rev 0	\$2	\$20	
3.4 Reinforced Masonry Wall Shear In Plane (NZCMA)	Rev 0	\$2	\$20	
3.6 Ductile Cantilever Reinforced Masonry Wall (NZCMA)	Rev 0	\$2	\$20	
6B Reinforced Masonry (Seismic Assessment)				
Reinforced Masonry Wall - In-plane Shear Check	Rev 0	\$2	\$20	
6C Unreinforced Masonry (Seismic Assessment)				
URM Parapet Out of Plane Check	Rev 0	\$2	\$20	
URM Wall Out of Plane Check	Rev 0	\$2	\$20	
Infill Wall 2 Way Out of Plane Check	Rev 0	\$2	\$20	
Infill Wall 2 Way In Plane Check	Rev 0	\$2	\$20	
6D Reinforced Masonry (New Design)				
Reinforced Masonry Chimney	Rev 0	\$2	\$20	
Pilaster Out of Plane Restraint	Rev 0	\$2	\$20	
		\$24	\$240	

7 Foundations & Geotechnics		<i>Full Set</i>	\$45	\$450
7A Pad Footings				
Updated Concentric Pad Footing Design - Cohesionless Soils	Rev 1	\$2	\$20	
Updated Concentric Pad Footing Design - Cohesive Soils	Rev 1	\$2	\$20	
Updated Pad Footing-Eccentric	Rev 1	\$2	\$20	
7B Pile Design				
Pile-Design-Driven-Hiley	Rev 0	\$2	\$20	
Updated A-Pile-Design-Free-Undrained	Rev 2	\$2	\$20	
Updated B-Pile-Design-Fixed-Undrained	Rev 2	\$2	\$20	
Updated C-Pile-Design-Free-Drained	Rev 2	\$2	\$20	
Updated D-Pile-Design-Fixed-Drained	Rev 2	\$2	\$20	
New E-Pile-Design-Free-Undrained-NC	Rev 1	\$2	\$20	
New F-Pile-Design-Fixed-Undrained-NC	Rev 1	\$2	\$20	
Screw Pile Structural Capacity	Rev 1	\$2	\$20	
Updated Square Timber Anchor Pile	Rev 1	\$2	\$20	
Updated Square Timber Cantilever Pile	Rev 1	\$2	\$20	
New Timber Pile - Section Capacity	Rev 1	\$2	\$20	
New Concrete Pile - Section Capacity (6 bar)	Rev 1	\$2	\$20	
New Concrete Pile - Section Capacity (8 bar)	Rev 1	\$2	\$20	
7C Retaining Walls				
Updated Eg1 Design of a Cantilever Pole Retaining Wall to Resist Earthquake Loading	Rev 1	\$2	\$20	
Updated Eg2 Concrete Cantilever Retaining Wall	Rev 1	\$2	\$20	
Updated Eg3 Design of a Concrete Crib Retaining Wall to Resist Earthquake Loading	Rev 1	\$2	\$20	

			PDF	Mathcad	Order
New	Eg 4 Tied-Back Retaining Wall	Rev 1	\$2	\$20	
Updated	Earth Pressures by Coulomb Theory	Rev 1	\$2	\$20	
Updated	RetainingWall-BoundaryWallCombined	Rev 1	\$2	\$20	
	Example from Appendix C of Verification Method B1/VM4	Rev 0	\$2	\$20	
	Foundations (not included in B1/VM2)				
Updated	Timber Barrier Pile Wall Design Option 1	Rev 1	\$2	\$20	
Updated	Timber Barrier Pile Wall Design Option 2	Rev 1	\$2	\$20	
			\$50	\$500	

8 Seismic	Full Set			
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9 Aluminium	Full Set	\$9	\$90	
Aluminium Angles	Rev 0	\$2	\$20	
Aluminium Connections	Rev 0	\$2	\$20	
Aluminium RHS Element Design	Rev 0	\$2	\$20	
Aluminium CHS Tubular Element Design	Rev 0	\$2	\$20	
Aluminium RHS Purlin & Girt Design	Rev 0	\$2	\$20	
		\$10	\$100	
		PDF	Mathcad	Total

All sets including discount:

\$200

\$2,200

GST Where Applicable @ 15%:

\$30.00

\$330.00

TOTAL ORDER including GST:

\$230.00

\$2,530.00

TOTAL ORDER excluding GST without discount)

~~\$247~~

~~\$2,610~~

TOTAL ORDER including GST without discount)

~~\$284~~

~~\$3,002~~

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