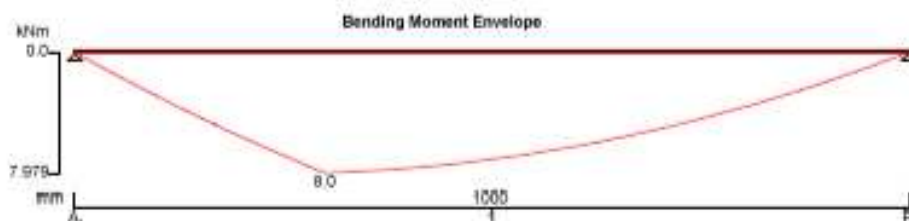


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	Project No	Example	Sht. No.	11 of 16
	Site Address	Example		
	Subject	Extension and alteration works – Supporting Calculations		
	Engineer	Peter V	Date:	



EXAMPLE

Support conditions

Support A

Vertically restrained
Rotationally free

Support B

Vertically restrained
Rotationally free

Applied loading

Beam loads

Dead full UDL 16.17 kN/m
Imposed full UDL 2.7 kN/m
Dead point load 15 kN at 300 mm
Imposed point load 2 kN at 300 mm
Dead self weight of beam × 1

Load combinations

Load combination 1

Support A	Dead × 1.40 Imposed × 1.60
Span 1	Dead × 1.40 Imposed × 1.60
Support B	Dead × 1.40 Imposed × 1.60

NOTE: For Building Regulations Submission only, not for ordering materials. Principal Contractor is responsible for taking measurements on site, preparing construction drawings and safely erecting the proposed structural works. Team Design is not responsible for site supervision.

IF IN DOUBT - ASK!