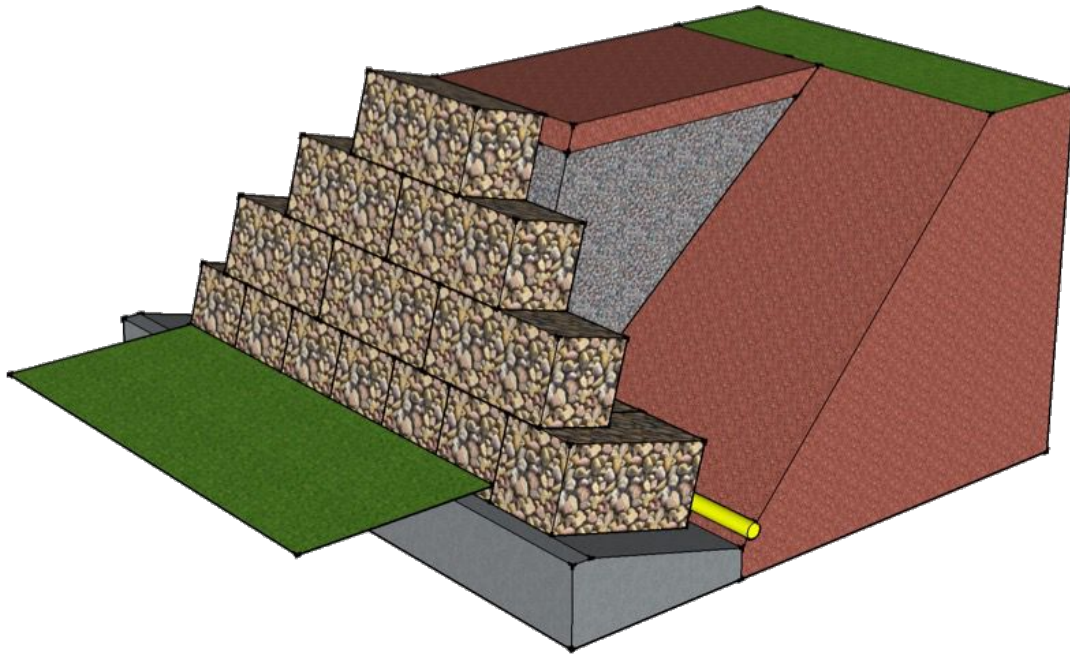


Gabion basket retaining walls

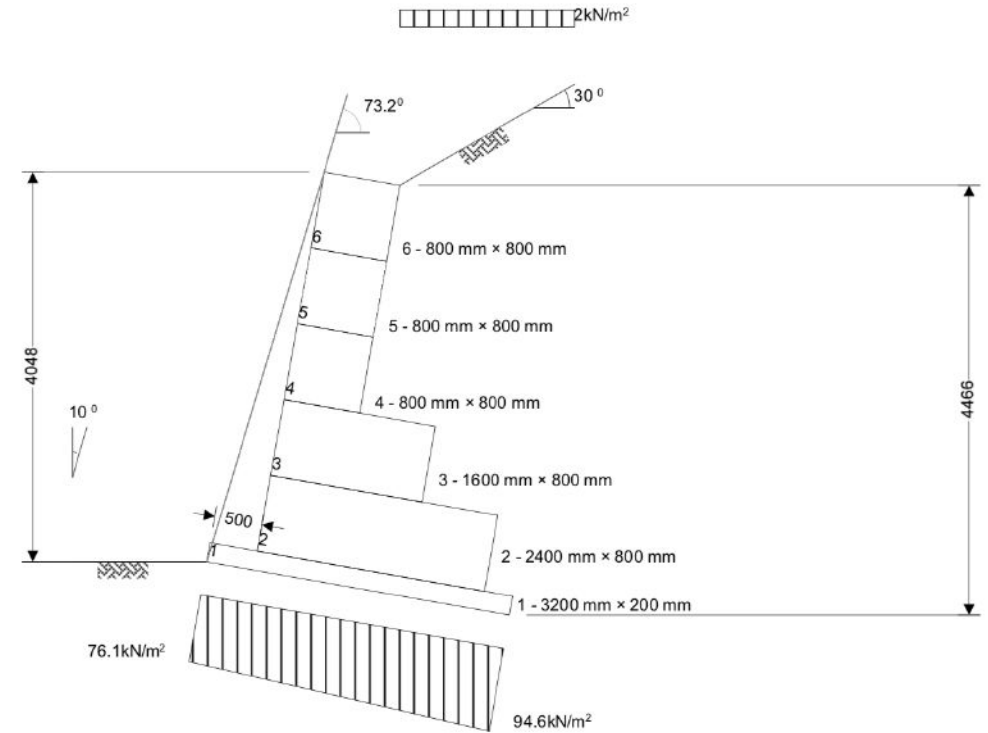
Everything you need to know about a L shaped retaining wall in 2.5 minutes



Bob Evans



GRAVITY RETAINING WALL ANALYSIS AND DESIGN



Gabion basket introduction

Retaining Wall Solutions



Gabion basket retaining wall images

Gabion basket design guide

Height (m)	1.0	1.5	2.0	2.5	3.0	4.0	5.0
Wire type	4mm Galfan	4mm Galfan	4mm Galfan	4mm Galfan	4mm Galfan	4mm Galfan	4mm Galfan
Stone type	Limestone	Limestone	Limestone	Limestone	Limestone	Limestone	Limestone
Base width (mm)	1300	1300	1800	1800	2400	2900	2400
Base depth (mm)	150	150	150	150	200	200	200
Surcharge	10kn/m ²	10kn/m ²	10kn/m ²	10kn/m ²	10kn/m ²	10kn/m ²	10kn/m ²
Factor of safety	M=1.5	M=1.5	M=1.5	M=1.5	M=1.5	M=1.5	M=1.5



Indicative designs based upon a base material with allowable bearing pressure of **>200kPa**.

Retained material is assumed to be well graded, granular backfill with the back of wall drainage or weep holes to relieve hydrostatic pressure.

Design table to give you some examples for various wall heights



Gabion Baskets	Triple life coated	PVC Green-Zinc coated	PVC Grey-Zinc coated	Stainless steel type 304
Unit Size	Wire dia.	Wire dia / overall thickness	Wire dia / overall thickness	Wire dia.
1 x 1 x 1m	3.0, 4.0, 5.0mm	3.0/3.5mm & 3.8/4.3mm	3.0/3.5mm	3.0mm
1.5 x 1 x 1m	3.0, 4.0, 5.0mm	3.0/3.5mm & 3.8/4.3mm	3.0/3.5mm	3.0mm
2 x 1x 1m	3.0, 4.0, 5.0mm	3.0/3.5mm & 3.8/4.3mm	3.0/3.5mm	3.0mm
3 x 1 x 1m	3.0, 4.0, 5.0mm	3.0/3.5mm & 3.8/4.3mm	3.0/3.5mm	
1 x 1 x 0.5m	3.0, 4.0, 5.0mm	3.0/3.5mm & 3.8/4.3mm	3.0/3.5mm	3.0mm
1.5 x 1 x 0.5m	3.0, 4.0, 5.0mm	3.0/3.5mm & 3.8/4.3mm	3.0/3.5mm	3.0mm
2 x 1 x 0.5m	3.0, 4.0, 5.0mm	3.0/3.5mm & 3.8/4.3mm	3.0/3.5mm	3.0mm
3 x 1 x 0.5m	3.0, 4.0, 5.0mm	3.0/3.5mm & 3.8/4.3mm	3.0/3.5mm	

Gabion basket sizes and wire types

Gabion basket retaining wall

The Next Step

- Tell us about your project.
- Complete the form.
- We are here to support you.



Bob Evans