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## **Desktop design by Hy-Ten Gabion Solutions**

### **The Process:**

Hy-Ten Gabion Solutions will carry out a free preliminary desktop design based on information supplied.

It is important that accurate information is supplied in the correct format to ensure a speedy turnaround of designs.

Provisional Calculations and a quotation for the supply of gabions will be sent upon completion of the initial design.

Once an order is received, Hy-Ten will issue a layout drawing for approval. If any comments or revisions are received, they will be addressed and an updated quotation and layout will be issued for approval.

When written approval and an amended purchase order is received, the gabion units will be manufactured and supplied to site, usually within 7-10 working days.

*Please note that the gabion baskets will not be manufactured until written approval of the drawing and calculations, including their contents, have been received. It is important that the design layout and gabion schedule are checked carefully, as any corrections or changes made after it has been customer approved will be chargeable.*

## **INFORMATION REQUIRED BY HY-TEN TO ENABLE US TO CARRY OUT A DESKTOP GABION WALL DESIGN**

### **Hy-Ten carry out designs using Eurocode 7**

**In order to save time and ensure a speedy turnaround of designs, please ensure that Hy-Ten have all of the relevant information at the commencement of the project.**

**Please supply information where possible in electronic form, drawings should be in AutoCAD format as indicated below.**

**Plan showing levels and the position of the proposed wall or walls clearly marked. Sections showing wall height.**

**Walls can be designed with flush face or stepped face, please indicate preference.**

**Please supply the information via e-mail or on a CD to be in **Auto Cad (DWG files) and pdf if possible.** Alternatively as Scaled drawings not reductions.**

**Site investigation report or Soil Report:**

**As an e-mail or On a CD, or Hard copy relevant pages only.**

**The above should show;**

**Soil parameters;**

- **Density**
- **Soil friction angle**
- **Drained cohesive value**
- **Imposed loading**
- **Bore hole logs**
- **Bore hole location plan**
- **Maximum allowable bearing pressure**

**Once full information is received, we will produce a preliminary design for your Engineers approval.**

**Please provide a Project title and location. Include postcode please.**

**Please supply a Company or organisation letterhead.**

## **Hy-Ten Gabion Solutions, designing to the requirements of EC7.**

**EC7 has been introduced by the EU as part of its drive to overcome technical barriers to trade; it is one of a series of design codes specifically introduced for the construction industry. EC7 is for Geotechnical Design which includes Gabion Retaining walls and structures.**

**For further information please follow the link below.**

<http://www.eurocodes.co.uk/EurocodeDetail.aspx?Eurocode=7>

**Please note, Hy-Ten may make recommendations with regard to foundation types but Hy-Ten does not carry out foundation design.**