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CENTENARY LANDSCAPING SUPPLIES

Do it Yourself Landscape Guide

How to Build a "Hanson Link Block" Retaining Wall

These notes are intended as a guide to small garden walls. Where higher retaining walls are required reference must be made to Pioneer Link Wall Systems Technical Range brochure.

Step 1: Planning Your Wall

If you are planning to build a retaining wall or even a small garden wall there are some details you need to consider.

- * Plan where you are going to build the walls - get an idea of their overall length and height, straight or curved etc
- * Is the ground the wall is to be built on firm?
- * Will there be any buildings, swimming pools, driveways etc. near the top of the wall?
- * Does your site have stormwater drainage or underground water problems?
- * Check with your local Council to see if you need to get a permit - often this depends on how high the wall is going to be.
- * Don't try to "cut corners" - build the wall properly. Make sure you fully understand what you have to do - if you're in doubt about anything, please ask.
- * If the retaining walls are outside the scope of this brochure and also the Technical Specification then it will be necessary to obtain the services of a Consulting Engineer. Pioneer Masonry can assist you with this if you wish.

Step 2: Choosing which Link Wall

- * The Cut Diamond or Balmoral and Inca walls are solid faced whereas the Terrace is often open faced and allows plants to be grown in it.
- * The Cut Diamond or Balmoral and Terrace units can be used to build both straight and curved walls. The Inca unit, however is for straight walls only.
- * The Cut Diamond wall will go the highest, but for lower walls we suggest using Balmoral or Inca as they are lighter, easier to handle units.



Balmoral Link Wall

Step 3: Construction

- * The foundation is very important - the ground under the wall must be firm and solid, and where the wall is sitting on filled ground it must be well compacted.
- * Minimum depth to bottom of footing trenches is important and must be observed.
- * The ground in front of the wall should not slope away and avoid digging service trenches immediately in front of wall.
- * On sloping sites always start building the wall at the lowest end and work uphill.
- * The secret is to get the first course right, care must be taken to get it level both along the wall and front to back.
- * The units are laid dry, without mortar, in normal stretcher bond. However because of the setback and especially on curves you will find that there is a change in the bonding pattern. If, on going around a big curve, the bond pattern moves more than a quarter of a block, then the bond pattern can be corrected by using a half-block. The half-block can be obtained by breaking one of the solid units with a groove in the bottom.
- * Greater heights can be achieved with Linkwall by using concrete footings. Please see brochure "Linkwall Systems" (Technical Range).

Finally

- * Enjoy building your Pioneer Link Wall - you will be extremely pleased with the result.

Drive over or call us today and let us help you with your retaining wall project

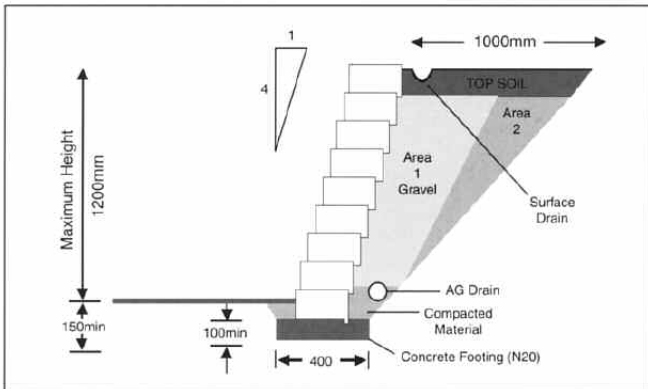


We're open 7 days a week
Mon-Sat 6am-5pm
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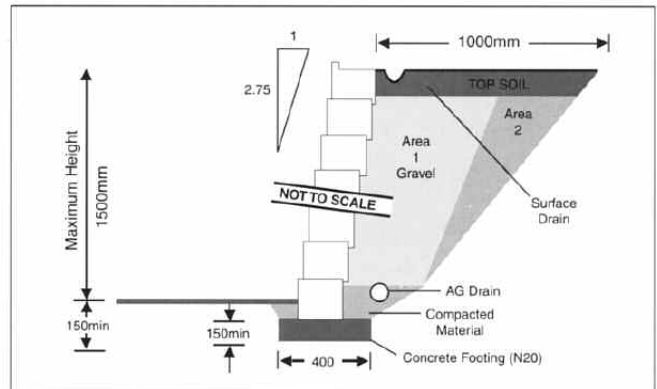
26 Sumners Road, Darra,
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website - www.centenarylandscaping.com

Retaining Wall Systems

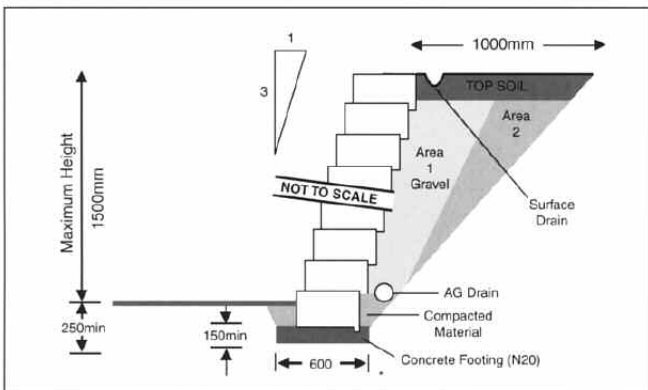
Windsor/Balmoral



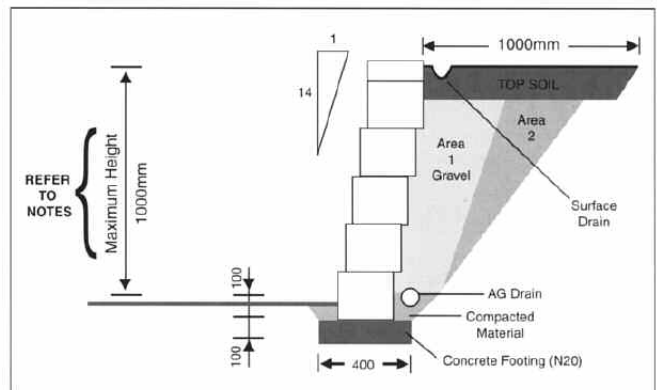
Terrace



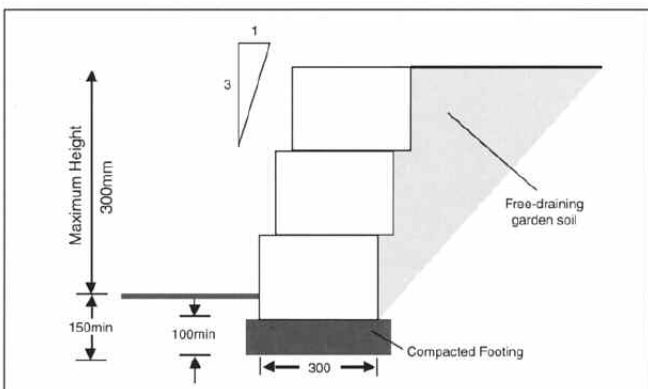
Cut Diamond/Diamond



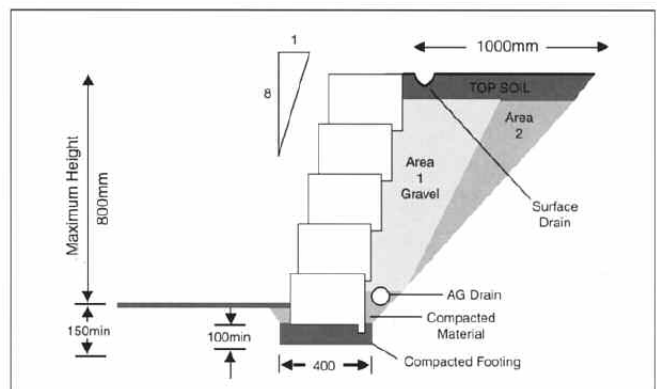
Vertica



Border Stone



Meadow Stone



This design information is a guide only. For walls over 1m please refer to the Retaining Wall Systems Technical Brochure. Walls exceeding maximum heights shown will need to be designed and certified by a qualified engineer. Please consult your local council to confirm if you require council approval for your proposed retaining wall.