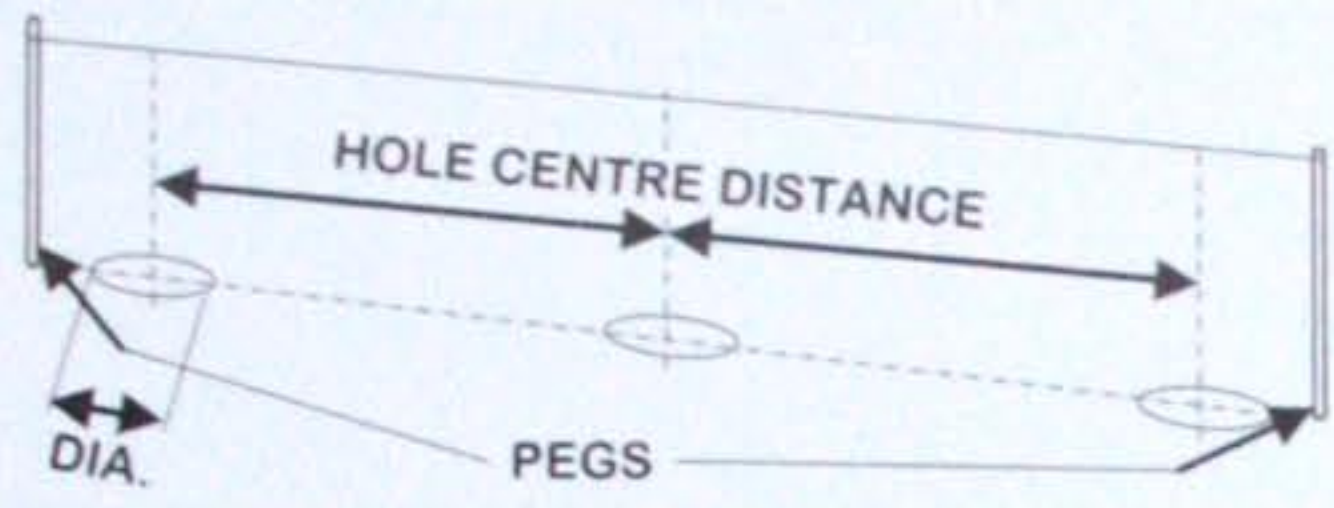


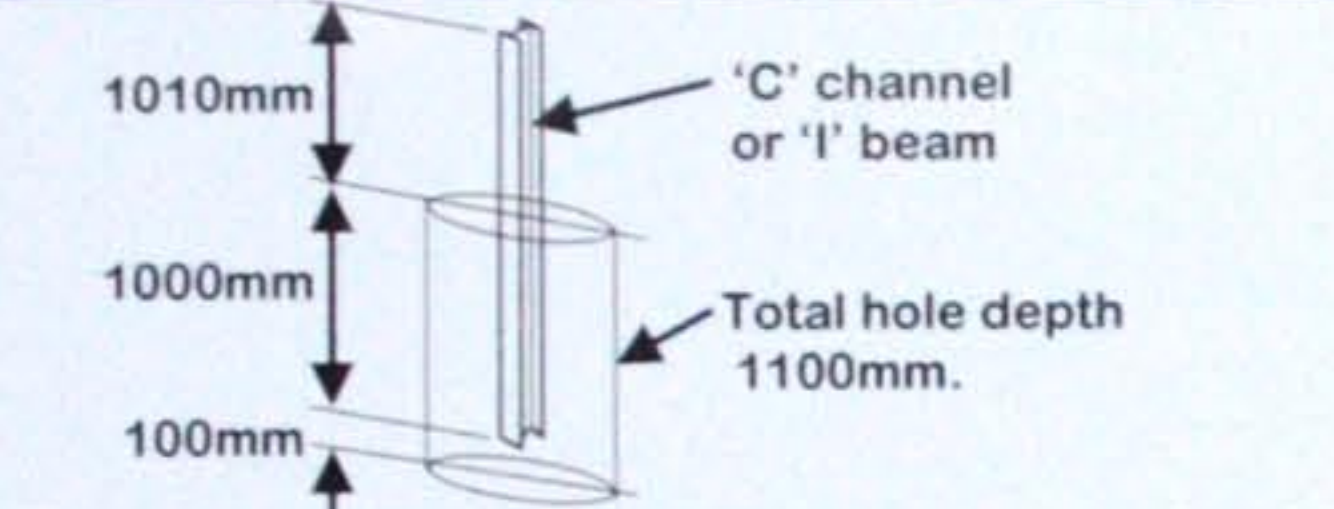


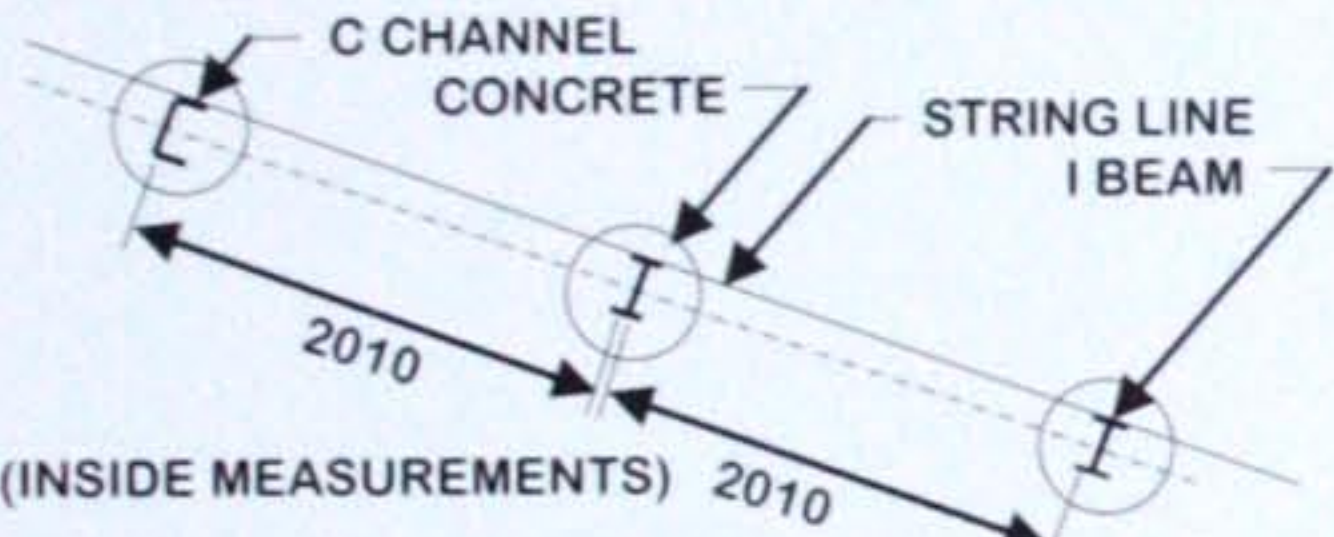
# INSTALLATION GUIDE

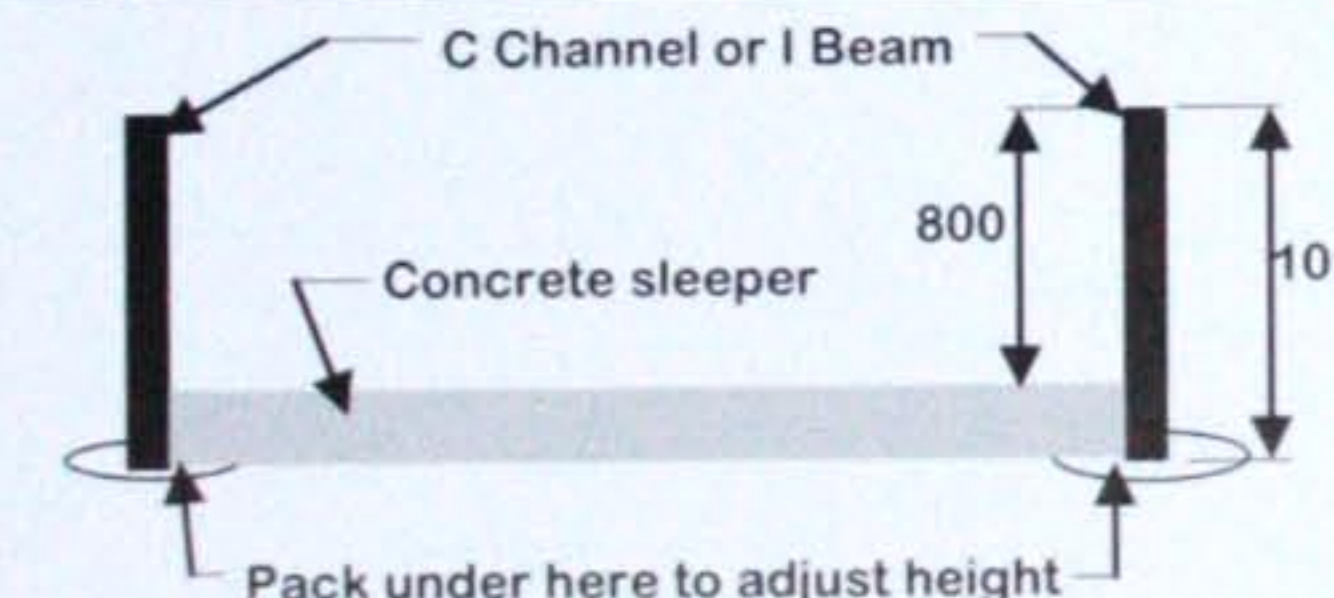
## WALL FLEXIBILITY

Installation has never been easier. Retaining walls can be built from as low as 100mm to 3 metres high, in a range of colours and with a number of alternative face textures. Standard lengths of 2.0 or 2.4 metres are available, or sleepers can be cut to lengths between 400mm and the 2.4 metre maximum. This allows flexibility, in contrast with other block products which require fixed height-to-width ratios in landscaping plans, that limit Australia's creative gardeners.

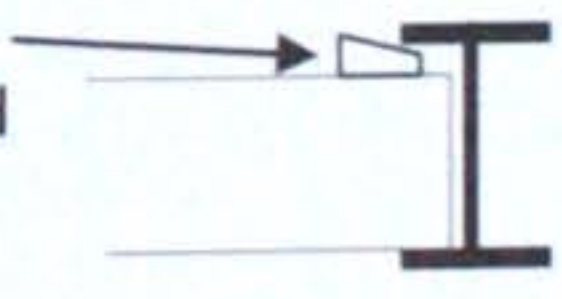
**1**  Set pegs at each end of the retaining wall site and connect with a string line to give the required alignment. Holes should be dug at 2015mm centres for 2.0m sleepers and 2415mm for 2.4m sleepers. A similar allowance of 15mm can be used for other lengths. Hole diameter must be at least 450mm.

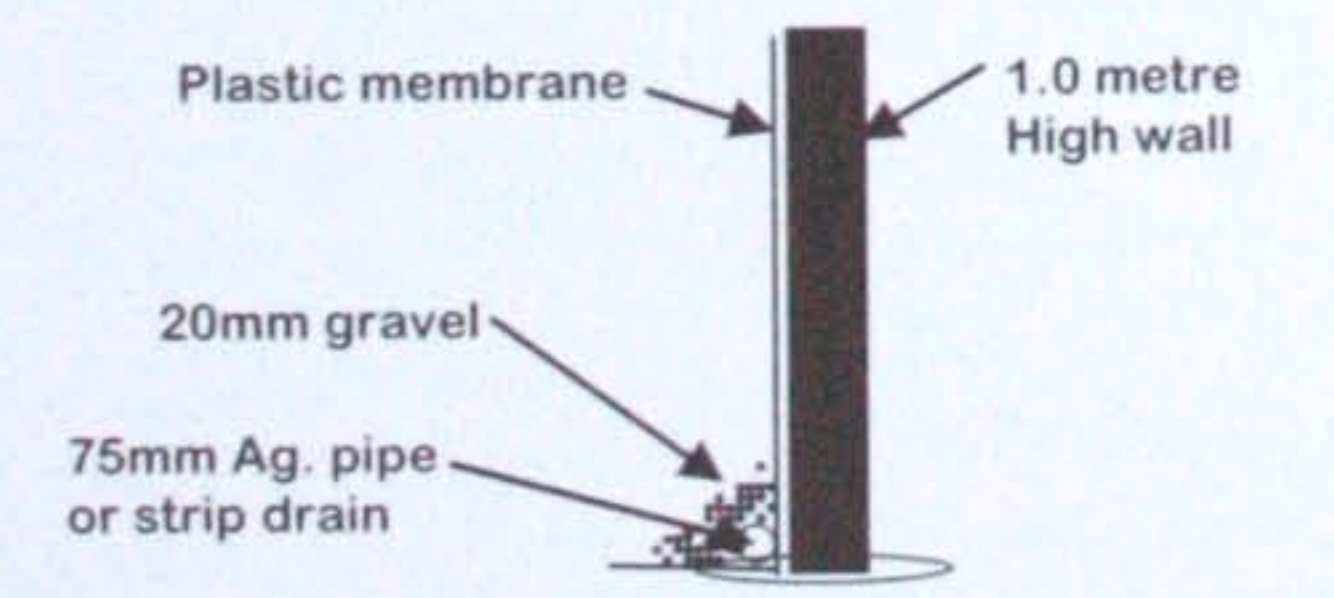
**2**  The post holes for a 1.0 metre wall must be dug 1100mm deep. Once holes are completed, place posts in the holes and add concrete, ensuring that post tops are the same height. (DO NOT overfill holes). Concrete should not exceed 1010mm from the top of each post.

**3**  With string line still in place, check the alignment of all posts with a spirit level. Recheck distances between posts (ie; 2010 for 2.0 metre sleepers, a piece of timber cut to this length will assist to accurately check this measurement).

**4**  After concrete has cured in post holes overnight, place first sleepers between posts, then check measurements from the top of this sleeper to the top of each post. You may need packing pieces under the bottom of this sleeper to get the desired height. Use fibro-cement sheeting for packing.

Once the height has been checked, add the remaining sleepers. It is good practice to make wedges from scrap timber to ensure sleepers are held against the front of the posts. These can be left in place on completion.



**5**  Once sleepers have been installed you will need to place a plastic membrane behind the wall and Ag-pipe or strip drain at the bottom (back) of the wall. Cover the pipe with 20mm gravel to allow drainage.

**6** **IMPORTANT :**  
DO NOT USE HEAVY MACHINERY CLOSE TO THE FILLED SIDE OF THE WALL. A good rule is to limit the safe distance for use of such machinery to within 75% of the wall height.

SLEEPER WALL