

Step 1

Marking out and excavation

Mark out the wall footprint and dig out sufficient earth to enable the pouring of a reinforced concrete foundation. Depth of concrete should be 100 mm with a 4:1 lean.

Step 2

Getting under way

Lay the first row of notched components on the concrete foundation, the first two at 200mm centres and the rest at 550mm centres. Lay the first row of horizontal components in the notches, starting with a 1.1 on the front side of the wall, and a 2.2 at the back. Continue building the wall alternating horizontal components i.e. row 1 starts with 2.2, row 2 starts with 1.1 etc



Step 3

Place the gravel

Place 65mm perforated drain at the bottom. Fill within and behind the wall with 40 to 75mm crushed angular gravel. Continue gradually as the wall is being erected.



Step 4

Finishing off

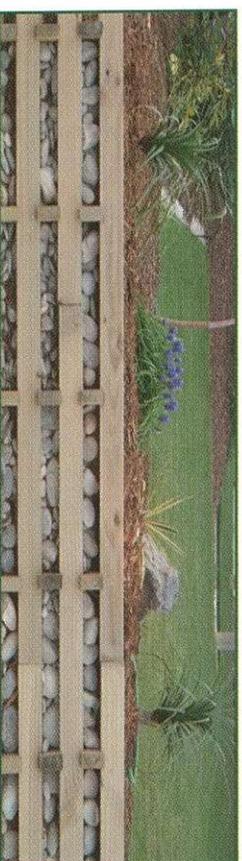
Once the intended height is achieved, finish by installing long horizontal components along the top of the wall in the front notches, and one behind it on its flat. Fasten these together with galvanised nails.



Step 5

The final touches

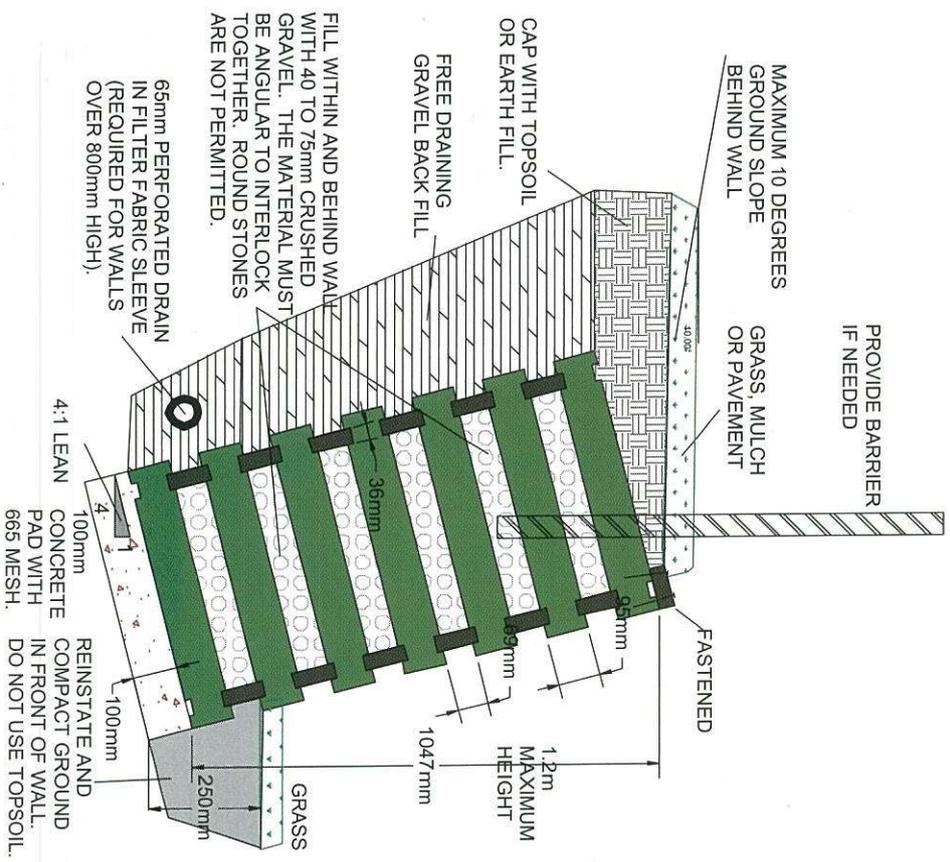
Fill over the top of the wall as desired with lawn, pavement, or bark, etc.



Easy to install

ULTRACRIB

DIY retaining wall system.



GUIDANCE NOTES FOR ULTRA CRIB

Before starting construction it is advisable to check with your local council whether a building consent is required. A building consent will be required when building on a boundary, close to existing buildings, adjacent to areas with vehicle access, on steep ground or in areas of known land instability. Resource consent may also be required if building within special hazard areas.

SITE REQUIREMENTS

The following ground conditions are considered suitable:
 Firm clean sand or gravels
 Firm clay or gravelly clay.

The ground behind the wall:
 Must not slope more than 10 degrees
 Must not be surcharged.

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PROWOOD ULTRACRIB

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Scale: 1 : 20

Sheet: 1