



**ALTERRA COMBO**

TOTAL WALL HEIGHT  
3515mm (11'-6 1/2")

Date	May.2004
Dwg.#	AW-3
Checked by	



- NOTES**
- 1) Footing to be excavated to at least 300mm (12") below finished grade at the front of wall.
  - 2) Excavation should be wide enough to provide a suitable width behind the wall for reinforcing (if req'd.) and backfill
  - 3) Subgrade should be firm native soil, dry and stable. Consult a soils engineer if in doubt.
  - 4) Place Granular A stone, or equivalent crushed materials, within footing excavation in maximum 150mm (6") thick layers. Compact each layer to provide a firm base.
  - 5) Install a 100mm (4") diameter perforated drain pipe with sock adjacent to the rear of the footing unit. Daylight the pipe at the end or through the face of the wall to allow drainage.
  - 6) Place successive units to the desired grade. Backfill the wall with free draining granular soil at every 150mm (6") and compact with a vibratory plate tamper.
  - 7) The wall has a built-in setback of 7 degrees.
  - 8) The top of the wall must be graded to direct surface water away from the wall or over the top of the wall.
  - 9) Coping layer should be adhered with concrete adhesive, butyl tape or equivalent
  - 10) Greater wall heights can be attained with the use of geogrid reinforcement. Consult a soils engineer for design.
  - 11) Terraced walls can be used to obtain greater overall retention height.