

Case Studies

Location Southport, Gold Coast Qld.

Client – Residential.

Type of wall constructed – Windsor concrete blocks.

Brief description of work completed.

Australian retaining walls arrived at this residential Southport, Gold Coast Qld address to find this failed timber retaining wall in desperate need of attention. The top tier as you can see was virtually non-existent and the bottom tier was hanging on for dear life! A Windsor concrete blocks wall was deemed to be the perfect solution as it is a relatively small block and two tiers had to be accommodated in this tight space. Building two tiers can be an option if you need to retain an area larger than 1 metre. Council permission is required on walls over 1 metre and this can be a good way to keep costs down.

See picture below.



The threat of damage to the printed concrete and limited access meant an excavator was not considered for this Australian Retaining Walls project in Southport, Gold Coast Qld.

Demolition and preparation commenced the old fashioned way and the old wall was torn down and disposed of. Excess soil was removed and the tiers were shaped before digging a footing. Only the top tier would require a footing dug out as the bottom tier would be laid (on a bed of mortar) directly on to the printed concrete.

See picture below



The bottom tier was built first by Australian Retaining Walls, the base blocks set in cement and the rest stacked on top with 20mm gravel and a 65mm pipe installed for drainage, Geotextile fabric is pinned to the bank to prevent soil particles from blocking the pipe. The process is repeated for the top tier except the blocks are laid on concrete base.

Another successful project complete for Australian Retaining Walls.