

Case Studies

Location Upper Coomera, Gold Coast Qld.

Client – Residential.

Type of wall constructed – Vertica concrete blocks with nofines concrete reinforcing.

Brief description of work completed.

The owner of this property had inherited some very poorly built walls which needed to be removed and replaced as part of a major overhaul of this property.

Australian Retaining Walls were called in to assist with the design and help choose the most suitable system for this 2.1 metre high wall in Upper Coomera, Gold Coast Qld. After careful consideration a Vertica concrete block with nofines concrete reinforcing was deemed the best option for this site. As this wall would be over 1 metre tall, council permission had to be obtained and engineer plans drawn up and submitted. After the necessary permits were obtained a date was set and Australian Retaining Walls could commence construction.

See picture below.



Australian Retaining Walls will occasionally run into an unusual restriction on a property, in this case an easement in the front garden. The wall had to be set back outside the easement.

Firstly we had our excavator and bobcat to demolish the old walls and dig footings for the new wall. The main objective on this project was to create more usable space for our client in Upper Coomera, Gold Coast Qld. This was achieved by turning the previous two tiered wall into a single higher structure which worked out well for our client as we were able to utilize all the old materials as backfill making a considerable saving on disposal fees.

Once demolition was complete the guys at Australian Retaining Walls could commence construction of this Vertica concrete blocks with nofines concrete reinforcing. Lines, heights and levels were determined and the base blocks were set in concrete. The existing bank was then covered in geotextile fabric before the nofines concrete reinforcing was pumped behind the wall and the rest of the blocks stacked to the desired height, in this case the final height was determined by the newly installed pool.

Another project successfully completed on time by Australian Retaining Walls.

See completed pictures below –



