

CLIENT
Joel Donaghey
George Group

DATE
2026.02.25

GRAIN
STRUCTURAL
STUDIO

ABN 56 363 032 203

Structural Advice

To whom it may concern,

Regarding the proposed Townhouses at Autumn Court, Byron Bay, the building loads of Dwelling 1 may be extended below the 610 wide section of retaining wall to avoid overloading the 5kPa capacity retaining wall where required (*refer Figure 1*). The bottom 1220 wide section is found in 100-150kPa soil which is adequate to support the proposed building loads without affecting the retaining wall structurally.

The pool may be designed as if out of ground to ensure no additional lateral load is imparted on the nearby retaining wall (*refer Figure 2*).

The retaining wall is designed to support a fence located either inside or on top of the wall (*refer Figure 3*).

Should you have any questions or comments regarding the enclosed information, please do not hesitate to contact our office.

Yours sincerely,



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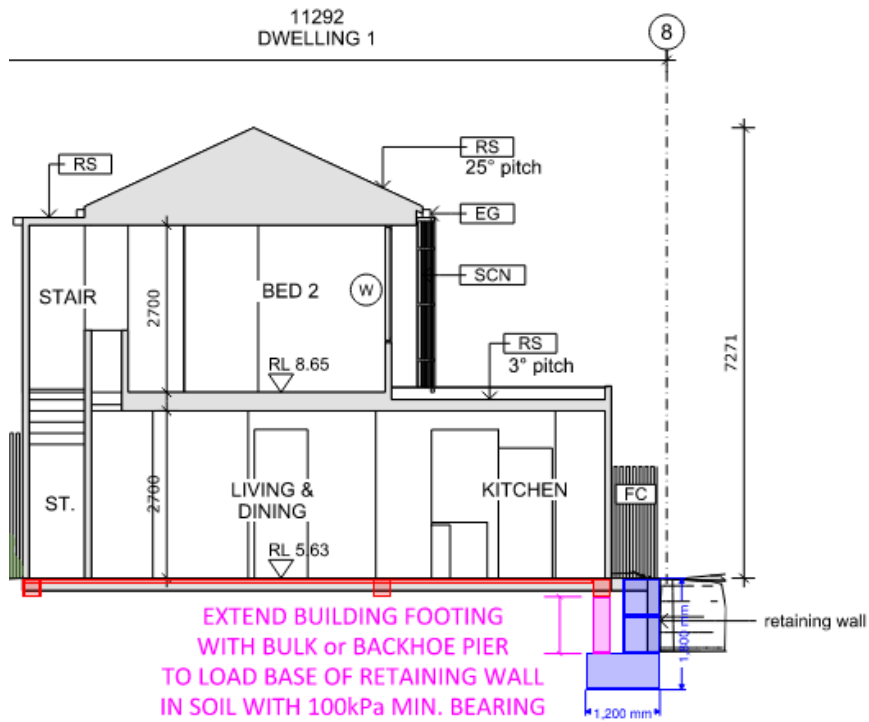


Figure 1 - Retaining wall interaction with residence

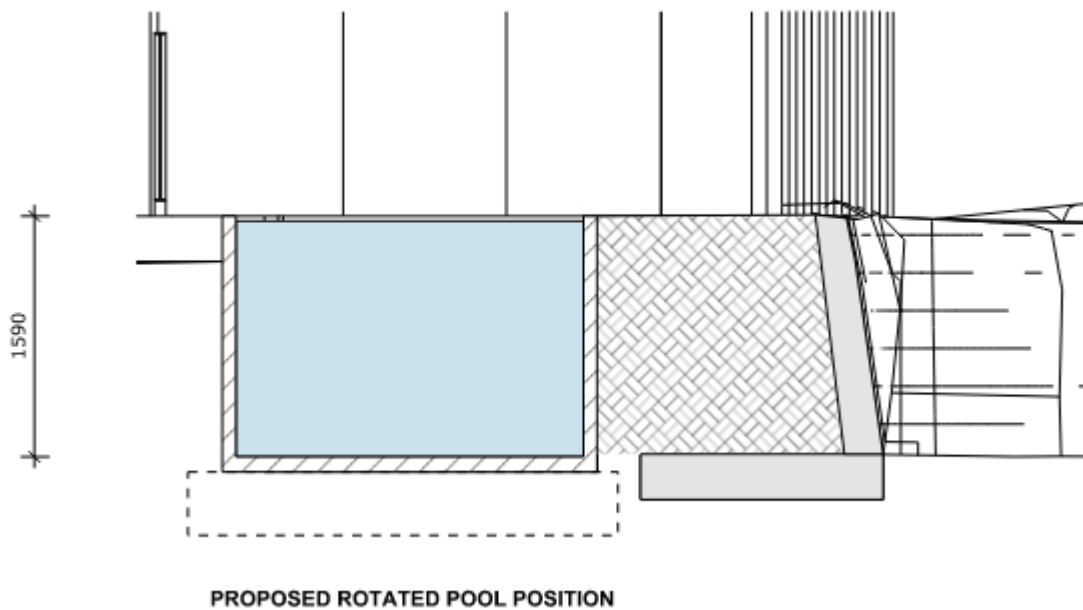


Figure 2 - Retaining wall interaction with pool

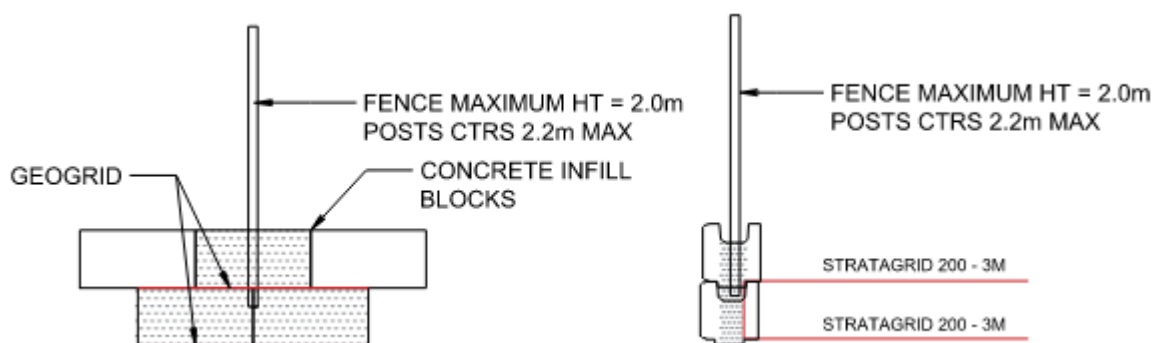


Figure 3 - Retaining wall fence detail to manuf. spec.