

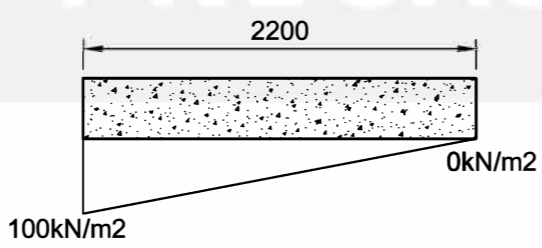
IMPORTANT NOTE:-
Ensure a minimum of 300mm well compacted material to the front of the wall.

Important Note - The backfill should be granular and free-draining with no hydrostatic pressure build-up allowed. The top block should be protected against vehicular impact. Backfill should be compacted in maximum 300mm thick layers - compacting machinery should not come into contact with wall.

Retained Material:-
Earth
AoR = 35 degrees
Maximum Density 18 kN/m3 (1800 kgs/m3)
Surcharge - 5kN/m2

It is up to the client to advise if these parameters are not correct.

Foundation designed (by others) to suit ground conditions



Approx. Bearing Pressures

NOTE:-
The bearing pressure beneath the wall is shown below. An indicative foundation is shown.
The foundation is a Contractor Designed Element. It is up to the client to ensure the ground and foundation is adequate.


Ground Conditions Note:-
Please refer to Soils Investigation Report No. YE3263 by 'Your Environment' Paragraph 9.2 referring to ground conditions and foundation guidelines.

- NOTES:-**
1. The contractor should take all necessary measurements on site.
 2. All dimensions shown on this drawing are approximate and for structural calculation purposes only.
 3. Dimensions on this drawing should not be used for fabrication purposes.
 4. Do not scale this drawing.
 5. This drawing should be read in conjunction with the calculations.

IMPORTANT NOTE
The existing slab and ground have not been investigated by CLP structures, the pressures exerted on the ground and slab are shown on this drawing, however **it is up to the client to satisfy himself that the existing ground and slab are adequate to support these loads.**

IMPORTANT NOTE
The wall has been designed to retain a specific material with a specific density and angle of repose. It is up to the client to ensure that the material retained on site does not exceed these designed parameters, failure to do so may result in the collapse of the wall.

Rev	Description	By	Date	Chk'd
Purpose of Issue	Rev	Date	Auth	



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Client
Elite Precast Concrete Ltd.

Project
Elite Legoblock Retaining Wall

Title
Retaining Wall 3.2m High Wall Design Parameters and Limitations

Original Scale As noted	Drawn CEL Date Oct 17	Rev - Checked
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Drawing Number 619-01-02