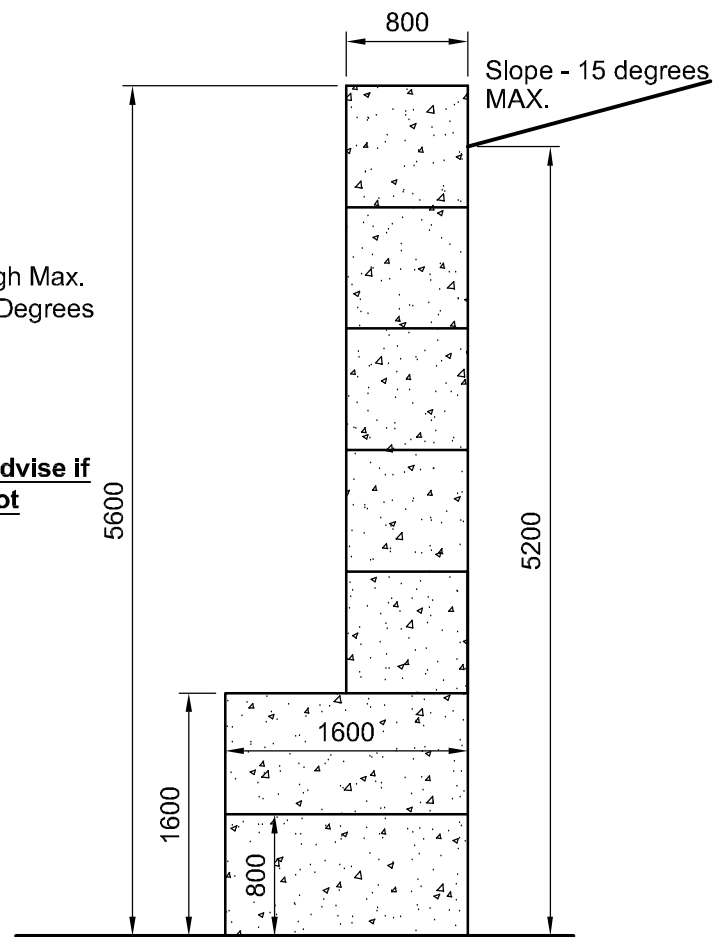


Division Wall

Retained Material:-
 Mixed Waste to 5.2m High Max.
 Maximum slope of fill 15 Degrees
 AoR = 30 degrees
 Maximum Density
 4 kN/m³ (400 kgs/m³)

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

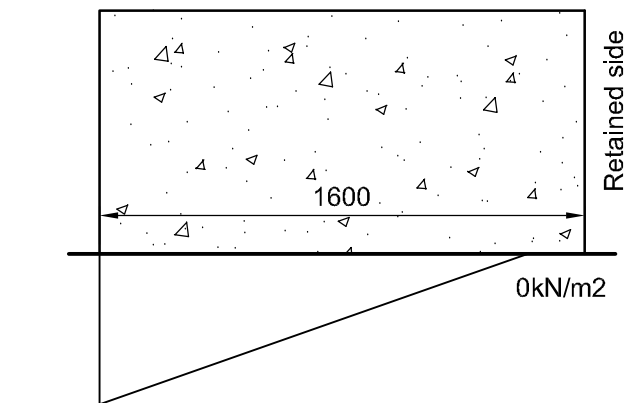


Side/Rear Wall

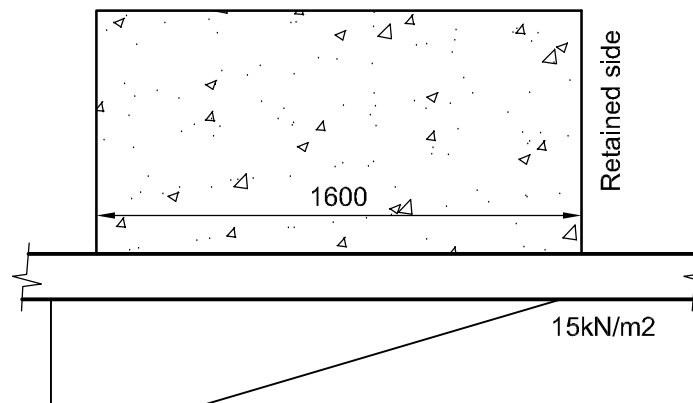
Important Note - The retained material should be allowed to naturally fall against the wall as it is stacked. Do not allow the retained material to stand up on its own as this could lead to a catastrophic failure of the material and the wall.
 The wall has not been designed to withstand the impact of the retained material suddenly falling against the wall due to incorrect loading.

Design Parameters (1:50)

NOTE:-
 The bearing pressure beneath the wall is shown below. **It is up to the client to ensure the ground and slab is adequate**, alternatively a foundation may be designed to suit allowable ground bearing pressures if required.



Bearing Pressure Directly Beneath Wall



Bearing Pressure Beneath 200mm slab


Bearing Pressures (1:25)

- 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
it is up to the client to satisfy himself that the existing ground and/or slab is adequate to support the wall loads shown in the calculations.

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
RSG Structures Ltd.

Project
**Bucks CC Aylesbury
 Block Wall Bunkers**

Title
**Wall Design Parameters
 and Limitations**

Original Scale As noted	Drawn CEL Date April 21	Rev - Checked
Drawing Number		843-001