

**Design Parameters  
Rear & Side Walls**

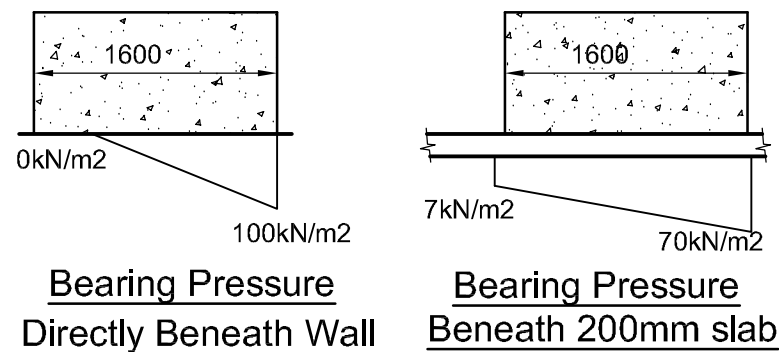
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**General Note** - The retained material should be allowed to naturally fall against the wall as it is stacked. Do not allow the retained material to stand up on its own as this could lead to a catastrophic failure of the material and the wall. The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

**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.

**Retained Material :-**  
Aggregate  
AoR = 35 degrees  
Maximum Density  
18 kN/m<sup>3</sup> (1800 kgs/m<sup>3</sup>)

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




**Bearing Pressures**

- 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  
Elite Precast Concrete Ltd.

Project  
Kingsbury Batching Plant  
Modified Block Wall

Title  
Wall Design Parameters  
and Limitations

Original Scale As noted	Drawn CEL Date Nov 21	Rev - Checked
Drawing Number		879-02