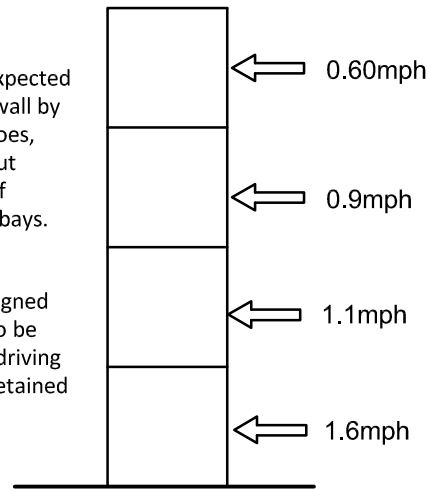


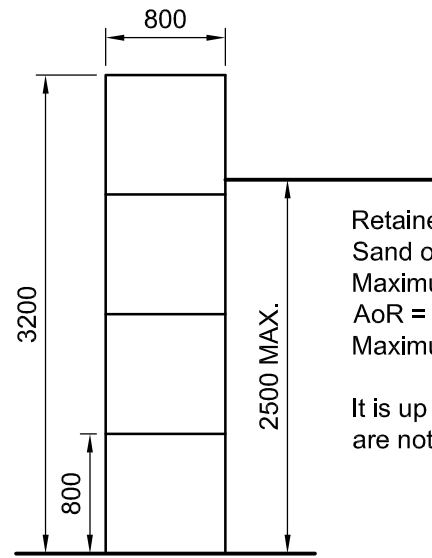
### Max. Permissible Impact Loads

NOTE:-  
Impact loads are the expected loads imposed on the wall by loading shovels, backhoes, buckets etc. carrying out NORMAL procedures of loading and unloading bays.

NOTE:-  
Wall has **not** been designed for retained material to be compacted by vehicle driving over or on top of the retained material.



Allowable impact load speed based on a total deflection of 100mm and a vehicle weight of 20t



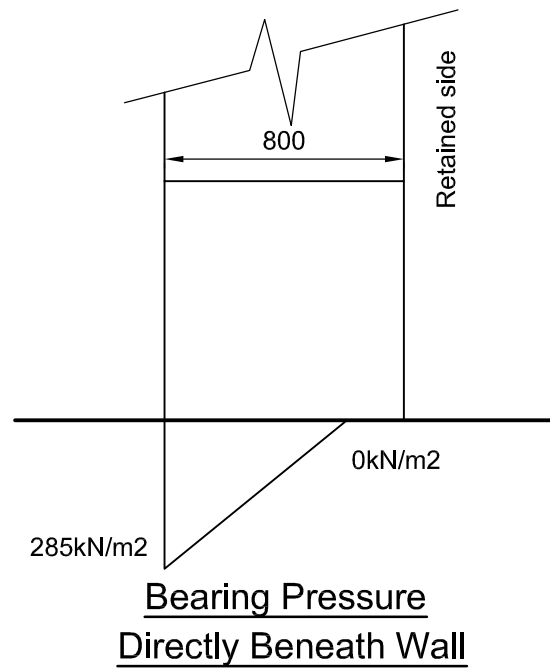
Retained Material:-  
Sand or Aggregates to 2.5m  
Maximum slope - Level  
AoR = 30 degrees  
Maximum Density - 18 kN/m<sup>3</sup> (1800kgs/m<sup>3</sup>)

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

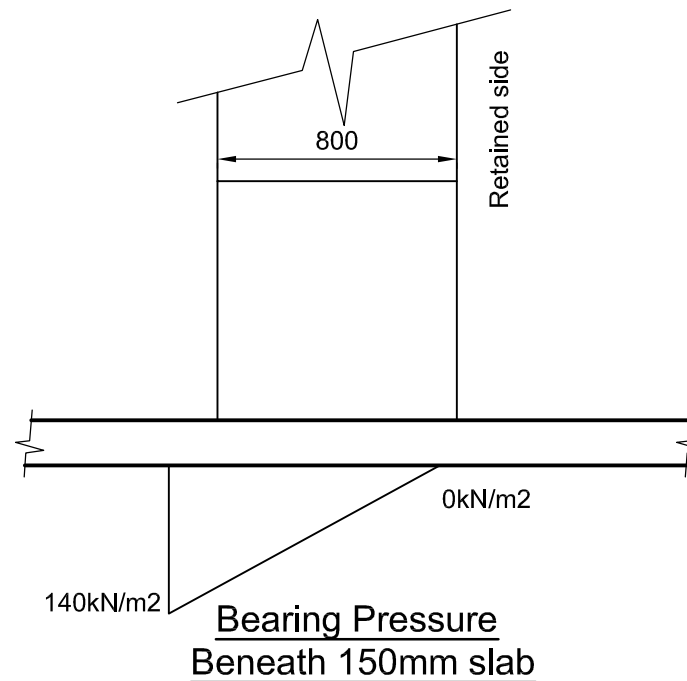
### Design Parameters

(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 150mm 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

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.**

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



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Client  
**Elite Precast Concrete Ltd.**

Project

Title  
**Wall Design Parameters and Limitations**

Original Scale As noted	Drawn CEL Date June 16	Rev - Checked
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Drawing Number **495-05**