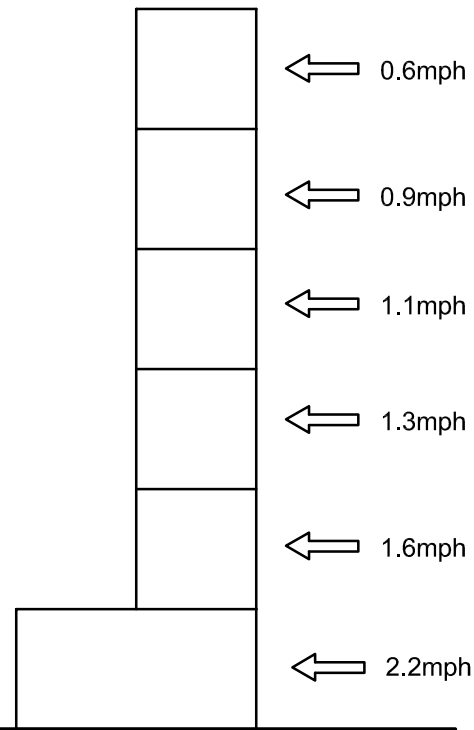


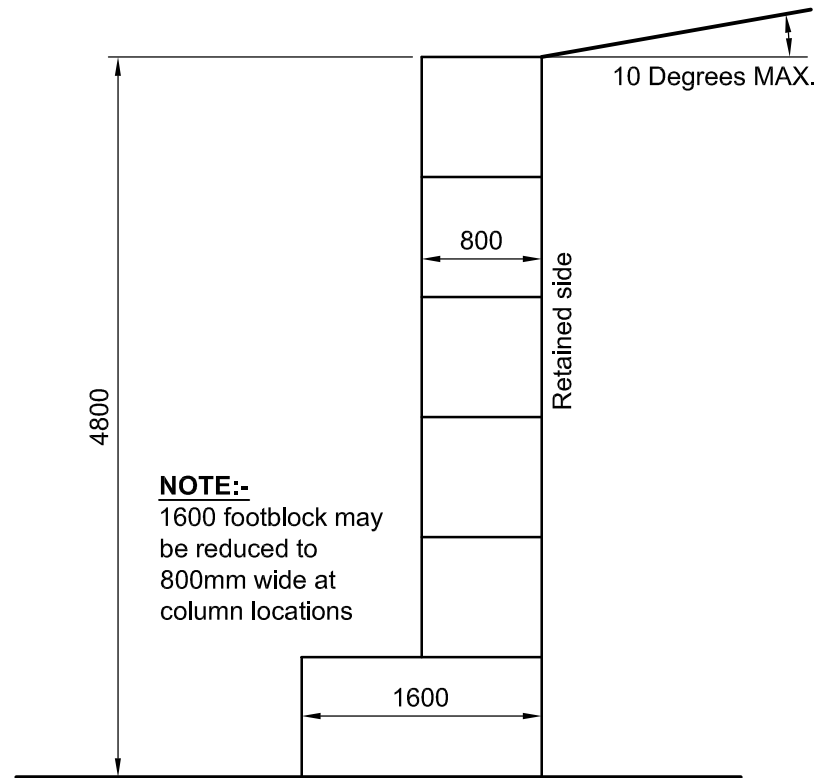
Allowable Impact Loads



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



NOTE:-
1600 footblock may be reduced to 800mm wide at column locations

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.

Retained Material:-
Black Bag Waste
AoR = 20 degrees
Maximum Density 3.4 kN/m³ (340 kgs/m³)
MAXIMUM SLOPE OF MATERIAL - 10 Degrees

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

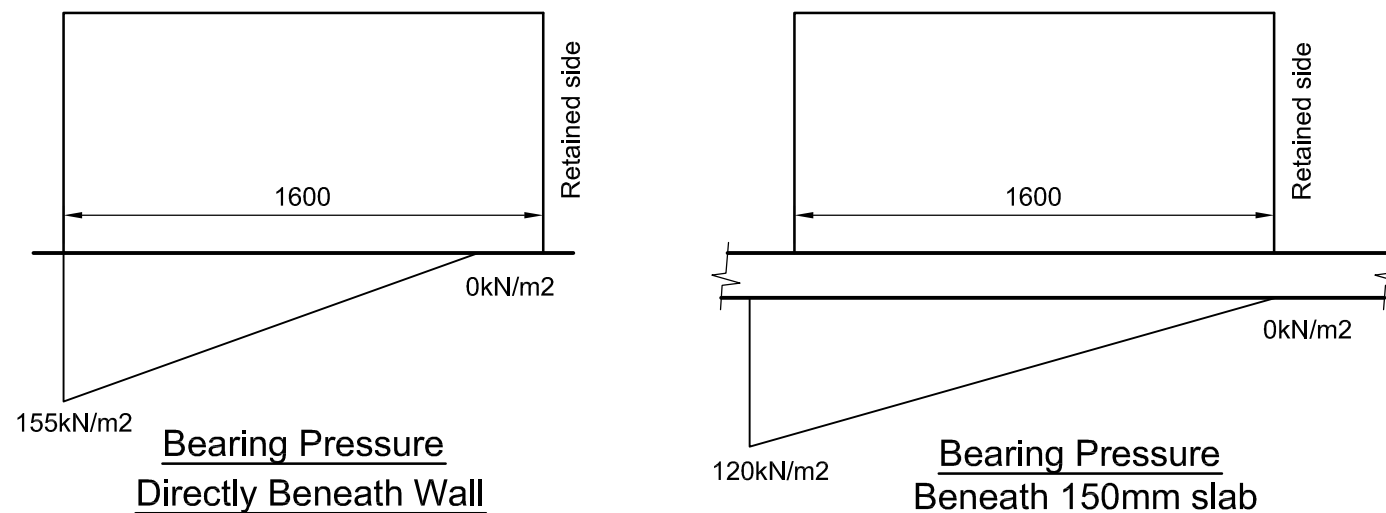
- NOTES:-
1. The contractor should take all necessary measurements on site.
 2. All dimensions shown on this drawing are approximate and for structural calculation purposes only.
 3. Dimensions on this drawing should not be used for fabrication purposes.
 4. Do not scale this drawing.
 5. This drawing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


Design Parameters (1:50)

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

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



Ground Bearing Pressures (1:25)



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Client	Elite Precast Concrete Ltd.		
Project	Black Bag Waste		
Title	Wall Design Parameters and Limitations		
Original Scale	As noted	Drawn	CEL
		Date	June 16
Rev - Checked			
Drawing Number	495-08		