

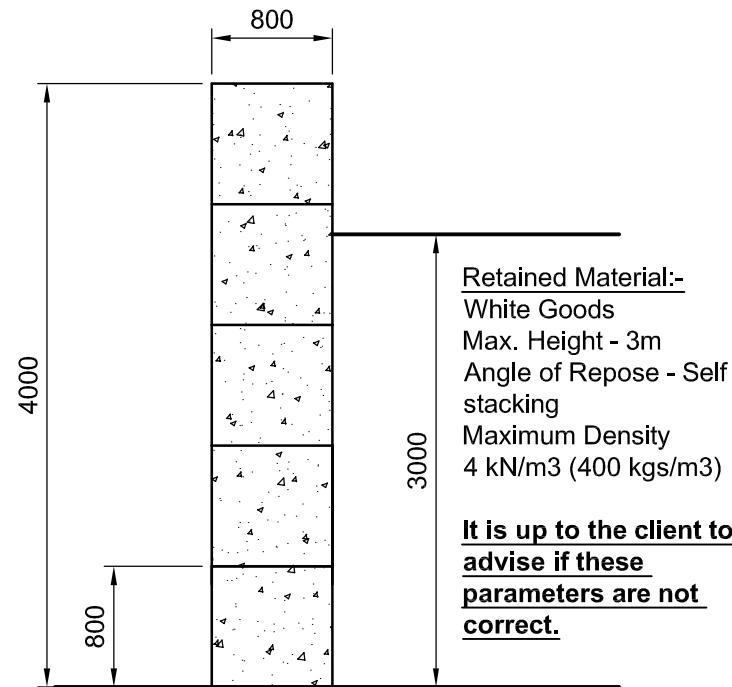
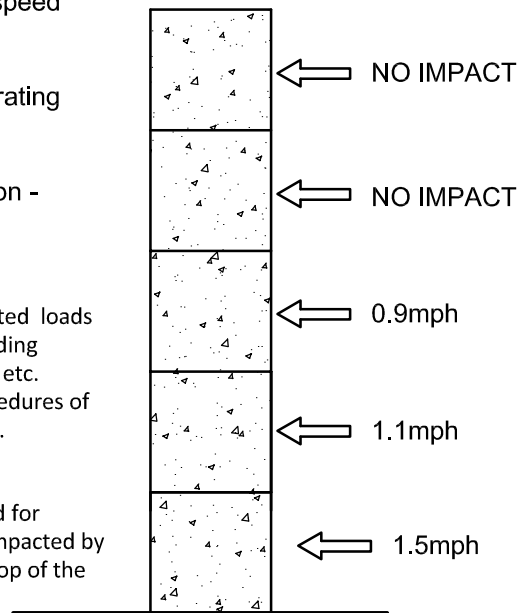
Allowable impact load speed based on:-

Vehicle (Maximum operating weight 20t)

Total allowable deflection - 100mm.

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.

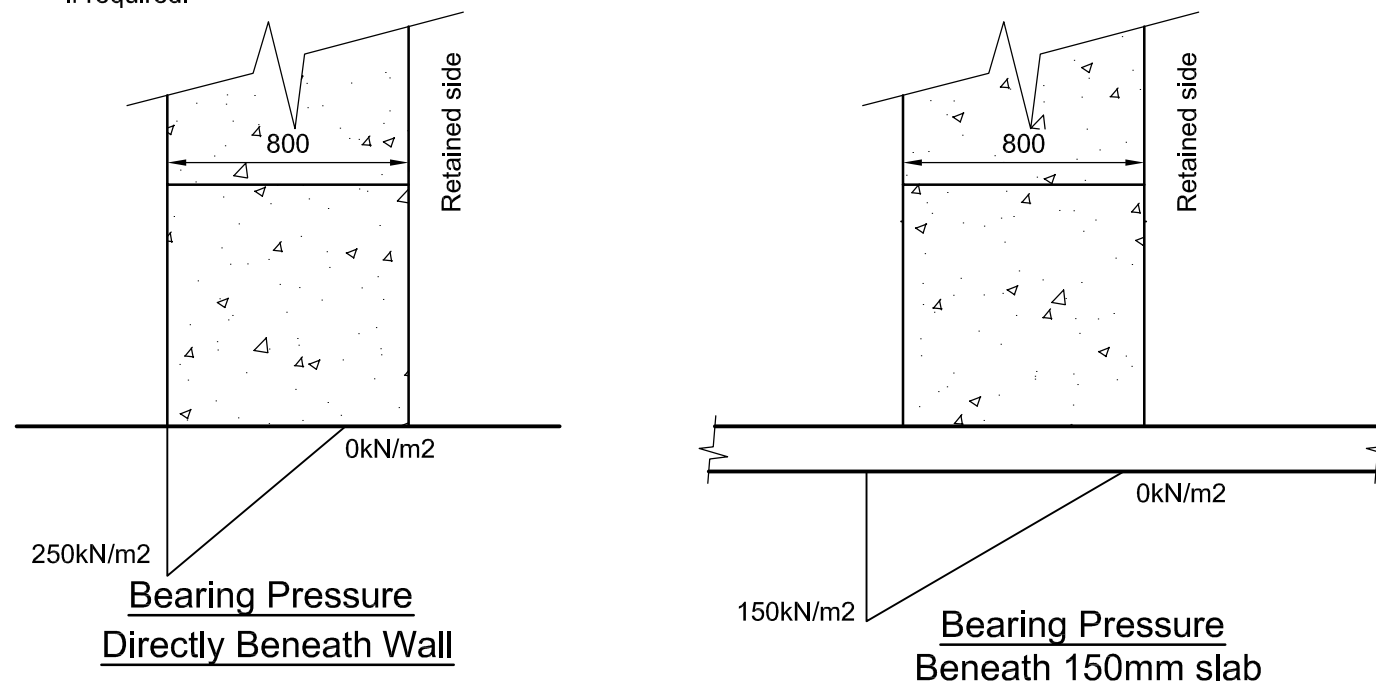


Design Parameters (1:50)

Important Notes -

1. The maximum stacking height of the material should be approximately 3m.
2. The wall is designed as a barrier to enclose loose waste, and to act as a fire barrier. It should be noted that the wall is not designed to retain the white goods in the event of a sudden collapse or instability of the stacked white goods.
3. White goods should be stacked up against the walls to ensure that the stack remains stable and sudden collapse cannot occur, a maximum distance between the white goods and wall of 100mm is recommended.
4. White goods should not be allowed to fall against the wall under any circumstances.
5. The stacked white goods should be inspected on a fortnightly basis to ensure that they are self supporting with no signs of leaning, bowing or possible collapse.
6. The block walls should also be inspected on a monthly basis to ensure that that no damage or movement has occurred.

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 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.**

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: White Good Storage Bays Elite Legato

Title: Wall Design Parameters and Limitations

Original Scale As noted	Drawn CEL Date Feb 2018	Rev - Checked
Drawing Number 646-01		A