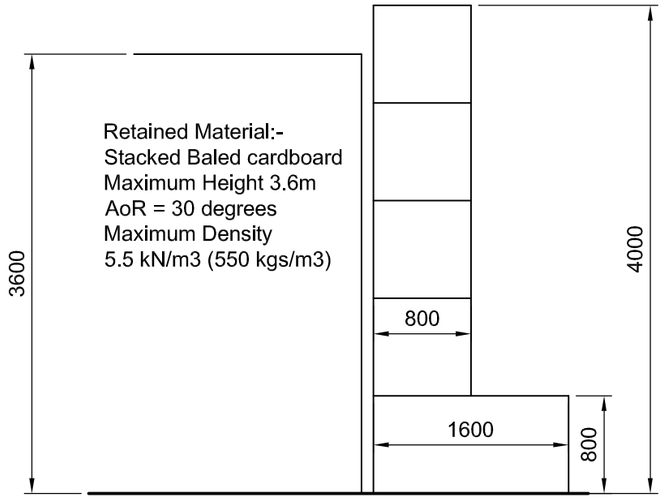


Retained Material:-
Baled cardboard
AoR = 30 degrees
Maximum Density
5.5 kN/m3 (550 kgs/m3)

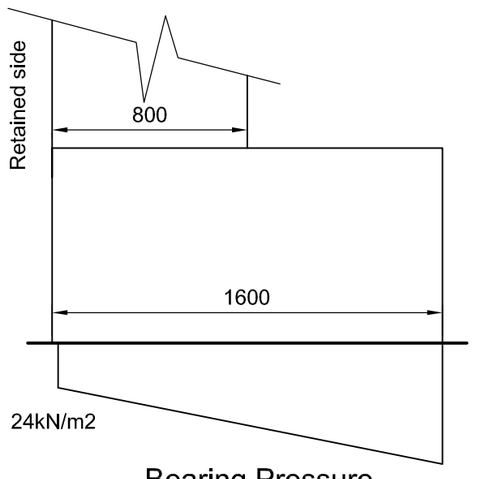
Note:- The wall has been designed to retain baled cardboard. The bales should be stacked as close as possible to the wall to ensure that no 'impact load' is imparted on the wall in the event of the collapse or partial collapse of the stacked bales.

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

Design Parameters

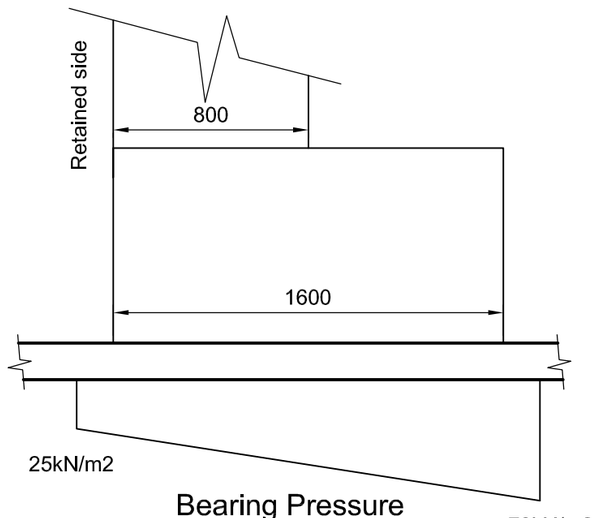
(1:50)

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

95 kN/m2



Bearing Pressure
Beneath 150mm slab

73kN/m2

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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STRUCTURAL ENGINEERING CONSULTANTS
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TEL: 0117 3706357

Client
Elite Precast Concrete Ltd.

Project
3.6m High Stacked Baled Cardboard

Title
Wall Design Parameters and Limitations

Original Scale	Drawn	Rev – Checked
As noted	CEL	
	Date July 16	

Drawing Number
495–03

A3