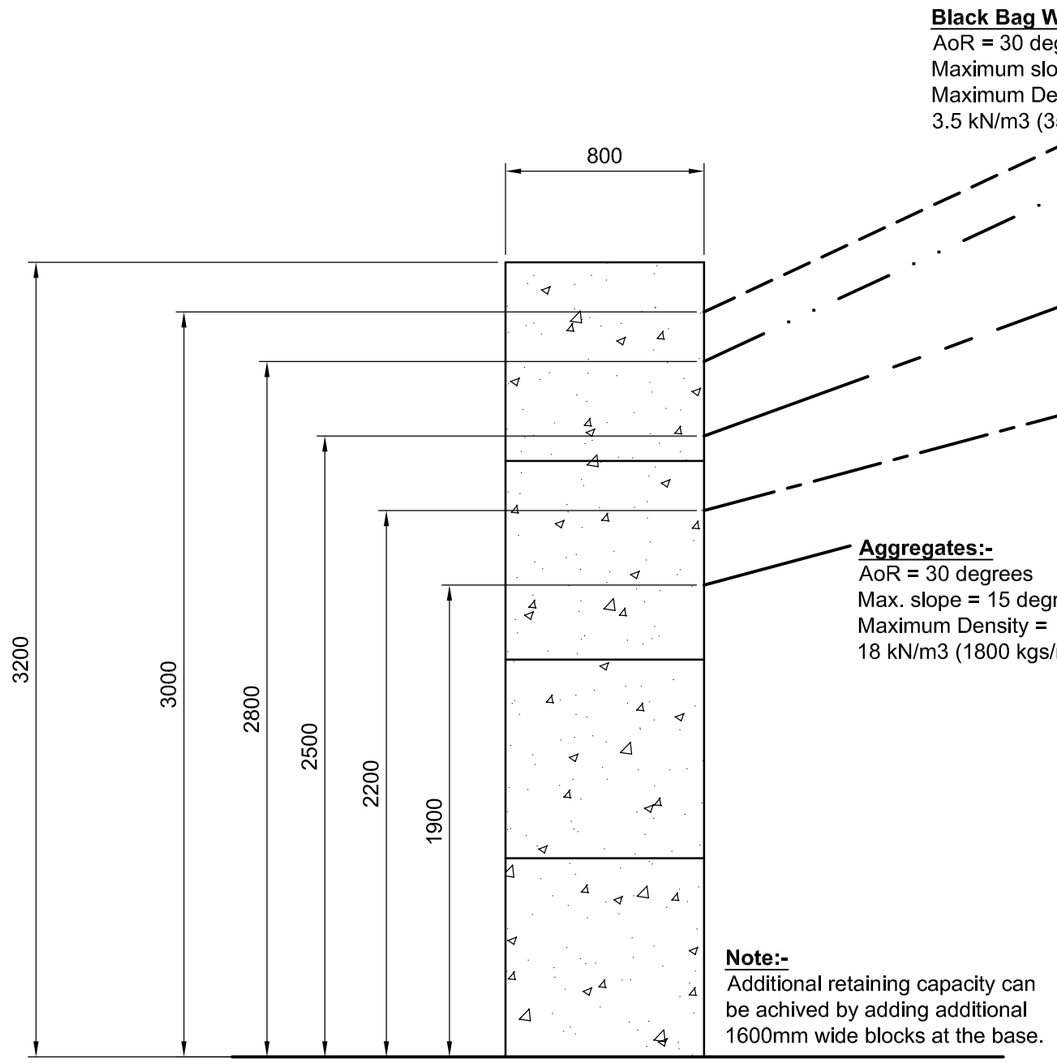
NOTES:-
1. The contractor should take all necessary measurements on site.
2. All dimensions shown on this drawing are approximate and for structural calculation purposes only.
3. Dimensions on this drawing should not be used for fabrication purposes.
4. Do not scale this drawing.
5. This drawing should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

IMPORTANT NOTE
It is up to the client to satisfy himself that the existing ground and slab are adequate to support these loads.



Black Bag Waste:-
AoR = 30 degrees
Maximum slope = 25 degrees
Maximum Density =
3.5 kN/m3 (350 kgs/m3)

Light Waste & Scrap Metal:-
AoR = 30 degrees
Maximum slope = 25 degrees
Maximum Density =
6 kN/m3 (600 kgs/m3)

Glass:-
AoR = 30 degrees
Max. slope = 20 degrees
Maximum Density =
10 kN/m3 (1000 kgs/m3)

Sand:-
AoR = 30 degrees
Max. slope = 15 degrees
Maximum Density =
15 kN/m3 (1500 kgs/m3)

Aggregates:-
AoR = 30 degrees
Max. slope = 15 degrees
Maximum Density =
18 kN/m3 (1800 kgs/m3)

Note:-
Additional retaining capacity can be achived by adding additional 1600mm wide blocks at the base.

Note:-
Please open the Stability and Loadings Calculation Directory to see specific design examples.

Design Parameters - 3.2m High Legato

(1:25)

Important Notes -

1. These loading figures are guidelines only. It is recommended that all walls be individually designed by a suitably experienced Structural Engineer.

2. The retained material should be allowed to naturally fall against the wall as it is stacked.

3. These loading tables relate to specific materials with a specific density and angle of repose, stacked to specific heights and slopes. It is up to the client to ensure that the material retained on site does not exceed these parameters.

4. The client should ensure that the walls are built on a suitable base.

5. The density and angle of repose of each material shown are typical values only.

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

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Client
Elite Precast Concrete Ltd.

Project
Elite Legato Block Retaining Wall 3.2m High

Title
Wall Design
Loading Guidelines

Original Scale	Drawn	Rev – Checked
As noted	CEL	
	Date Sept 18	

Drawing Number 690–01–004

A3