



Black Bag Waste:-
 AoR = 30 degrees
 Maximum slope = 30 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)

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.

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

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.

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

Design Parameters - 4.0m High Legato
(1:25)



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Client		Elite Precast Concrete Ltd.	
Project		Elite Legato Block Retaining Wall 4m High With Spreader	
Title		Wall Design Loading Guidelines	
Original Scale As noted	Drawn CEL Date Sept 18	Rev -	Checked
Drawing Number		690-01-001	