



CLP Structures

STRUCTURAL ENGINEERING CONSULTANTS

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Client: ELITE CONCRETE	Original Scale 1:50	Drawn CEL Date July 2015	Checked	Rev	Description	By	Date	Chk'd
	Drawing No. 376-CLP066	Rev.						
Project:	Title: CALCULATION SUMMARY			Purpose of Issue		Rev	Date	Auth
	A4							

Retained Material:-

Aggregate up to 1.6m high
AoR = 30 degrees
Maximum Density
19 kN/m3 (1900 kgs/m3)

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

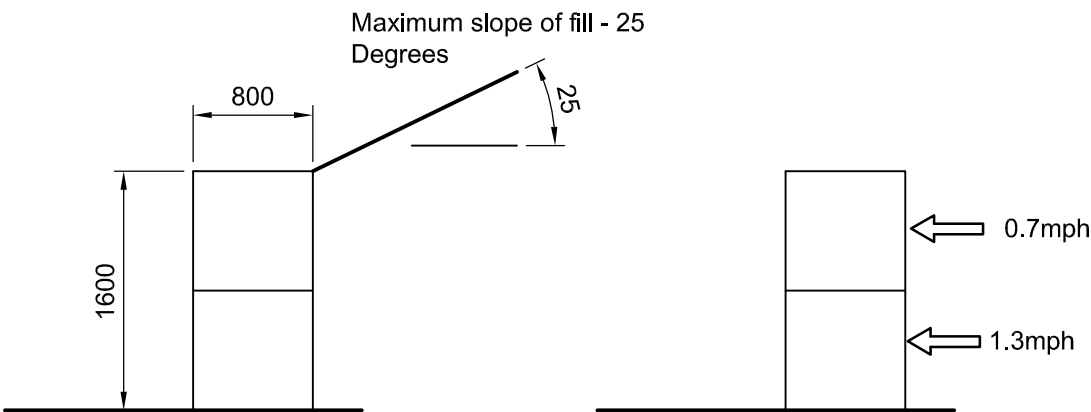
Allowable impact load speed based on:-

Vehicle (Maximum operating weight 25t)

Total allowable deflection - 120mm.

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)

NOTE:-

The bearing pressure beneath the wall is shown below. 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.

