

**Retained Material:-**  
 Lightweight Material  
 AoR = 35 degrees  
 Maximum Density  
 10 kN/m<sup>3</sup> (1000 kgs/m<sup>3</sup>)

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

### Design Parameters

(1:50)

**NOTES:-**

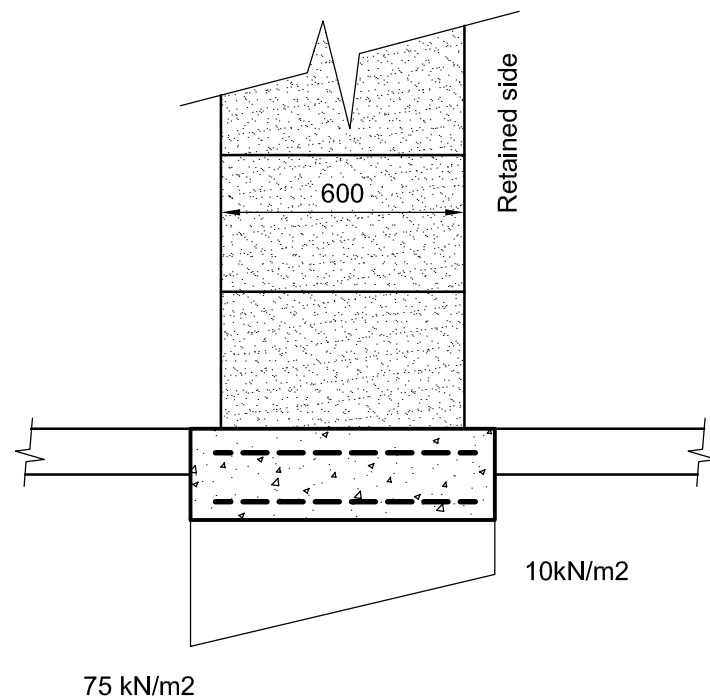
1. The contractor should take all necessary measurements on site.
2. All dimensions shown on this drawing are approximate and for structural calculation purposes only.
3. Dimensions on this drawing should not be used for fabrication purposes.
4. Do not scale this drawing.
5. This drawing should be read 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 are shown on this drawing, however **it is up to the client to satisfy himself that the existing ground is adequate to support these loads.**

**NOTE:-**

The bearing pressure beneath the wall is shown below. **It is up to the client to ensure the ground is adequate.**

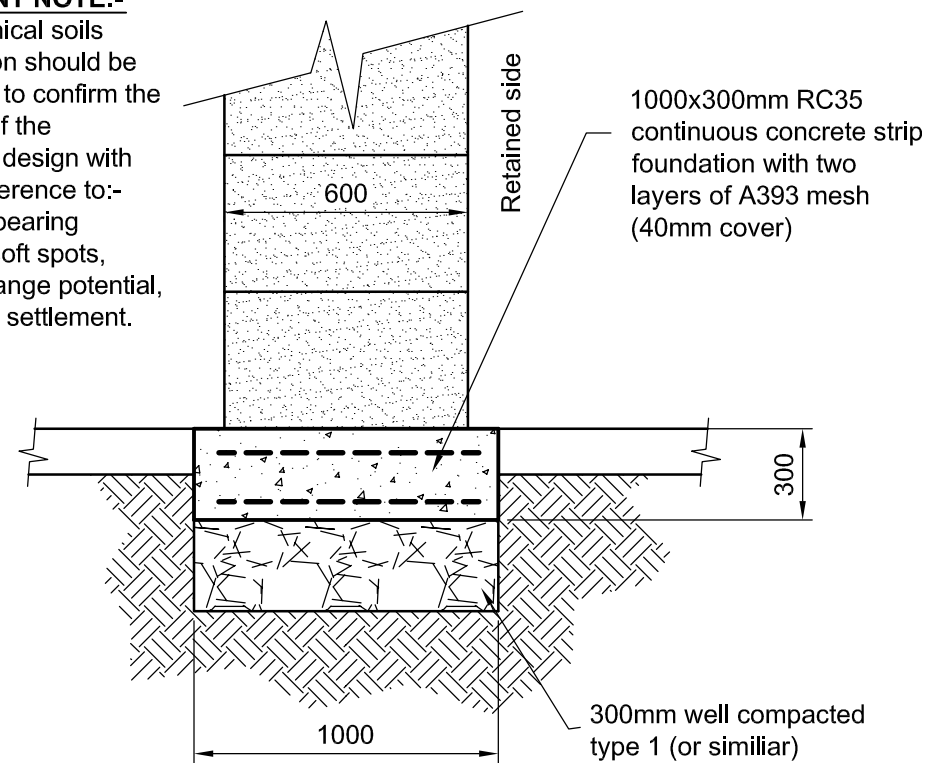


### Bearing Pressure Beneath 300x1000mm Foundation

(1:25)

**IMPORTANT NOTE:-**


A geotechnical soils investigation should be carried out to confirm the suitability of the foundation design with specific reference to:-  
 Allowable bearing pressure, soft spots, volume change potential, anticipated settlement.



### Foundation Details

(1:25)

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



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Client  
**Elite Precast Concrete Ltd.**

Project  
**Lightweight Material  
 2.7m High – Duo Blocks**

Title  
**Suggested Foundation Design**

|                            |                                |               |
|----------------------------|--------------------------------|---------------|
| Original Scale<br>As noted | Drawn<br>CEL<br>Date June 2017 | Rev – Checked |
|----------------------------|--------------------------------|---------------|

Drawing Number **594-09 - 02**