

- ### GENERAL NOTES
1. All dimensions to be checked on site.  
Written dimension rules over scaled dimensions. Any discrepancy in dimensions to be reported to R.E before any work commences.
  2. All construction works to comply with the latest K.B.S. standard codes of practice.
  3. All R.C works are to Structural Engineer's details. Depth of foundation to be determined on site, but should not be less than 1200mm.
  4. Plinth level to be minimum 300mm from proposed parking level or existing ground level.
  5. All surface beds to be casted on well compacted to well consolidated filling.
  6. All service pipes to be minimum 450mm below reduced ground level.
  7. All dimensions are in millimeters (mm) unless otherwise stated.

### FLOOR & FOUNDATION SPECIFICATIONS

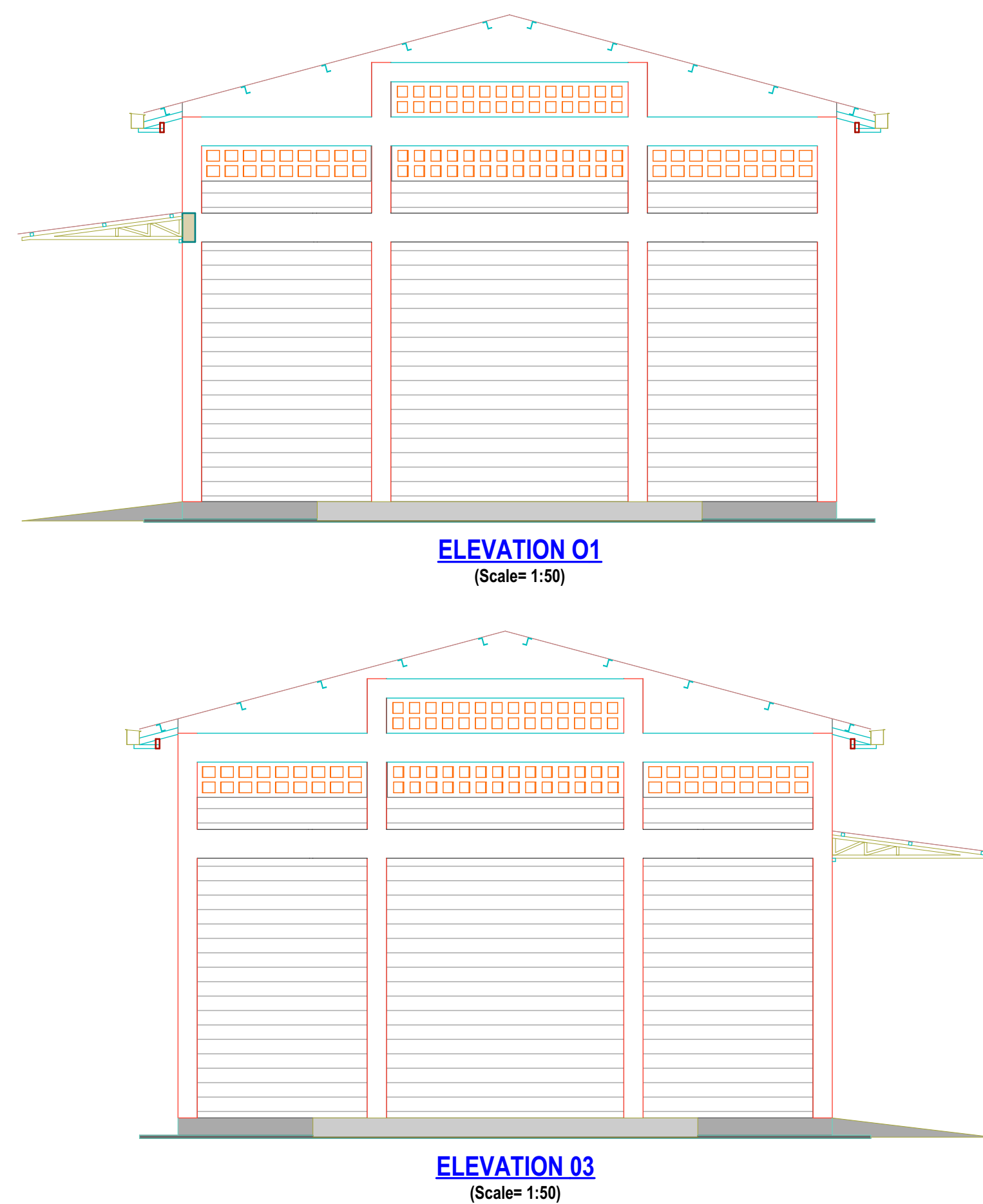
a. Floor finish on 200mm thick concrete floor slab to Str. Eng. specs.

b. Polythene DPM 1000 Gauge

c. 300mm Compacted hardcore

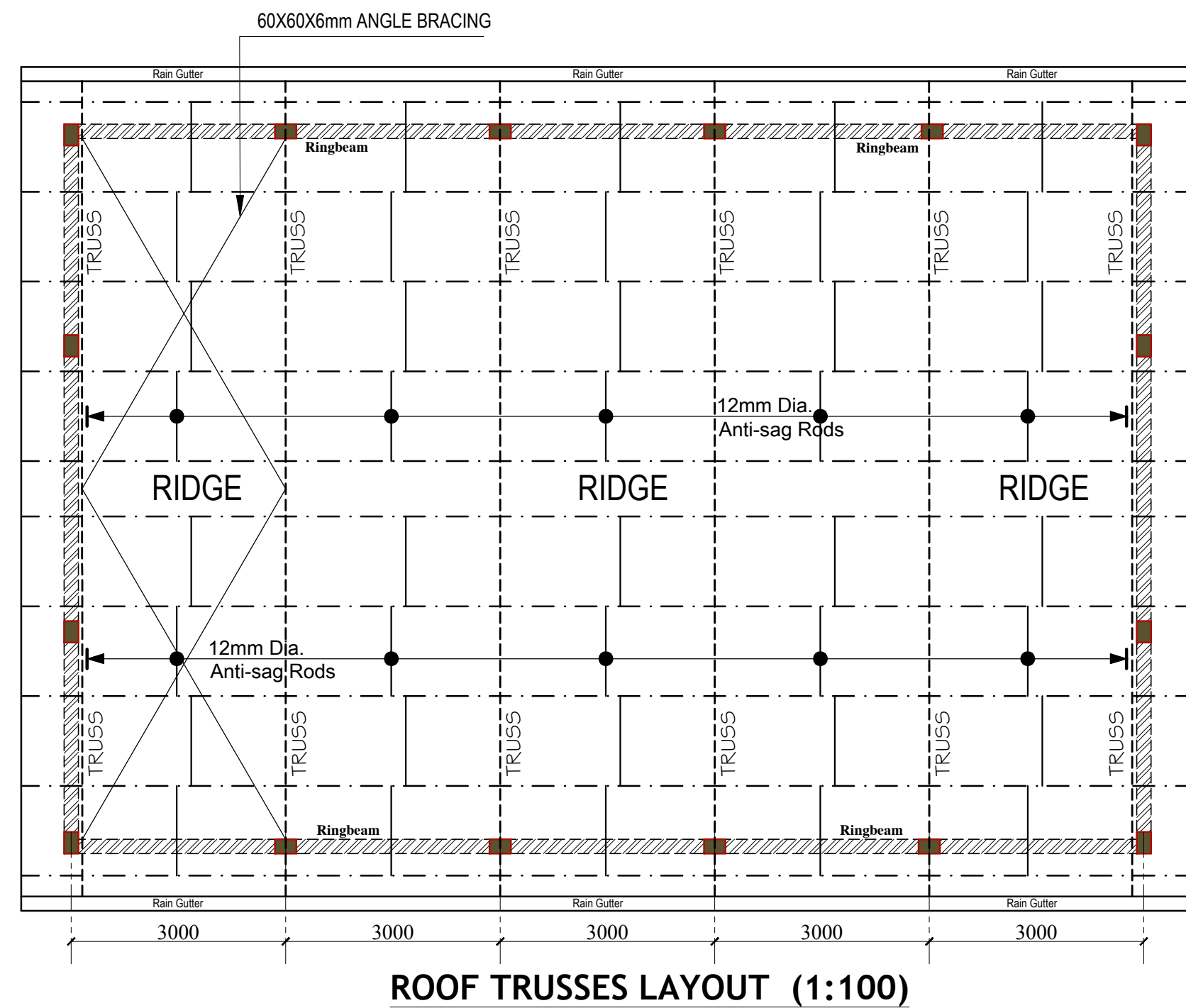
e. 600 x 200mm Strip foundation footing or as per Str. Eng detail

f. Foundation depth to be determined on site but at least 1500mm deep

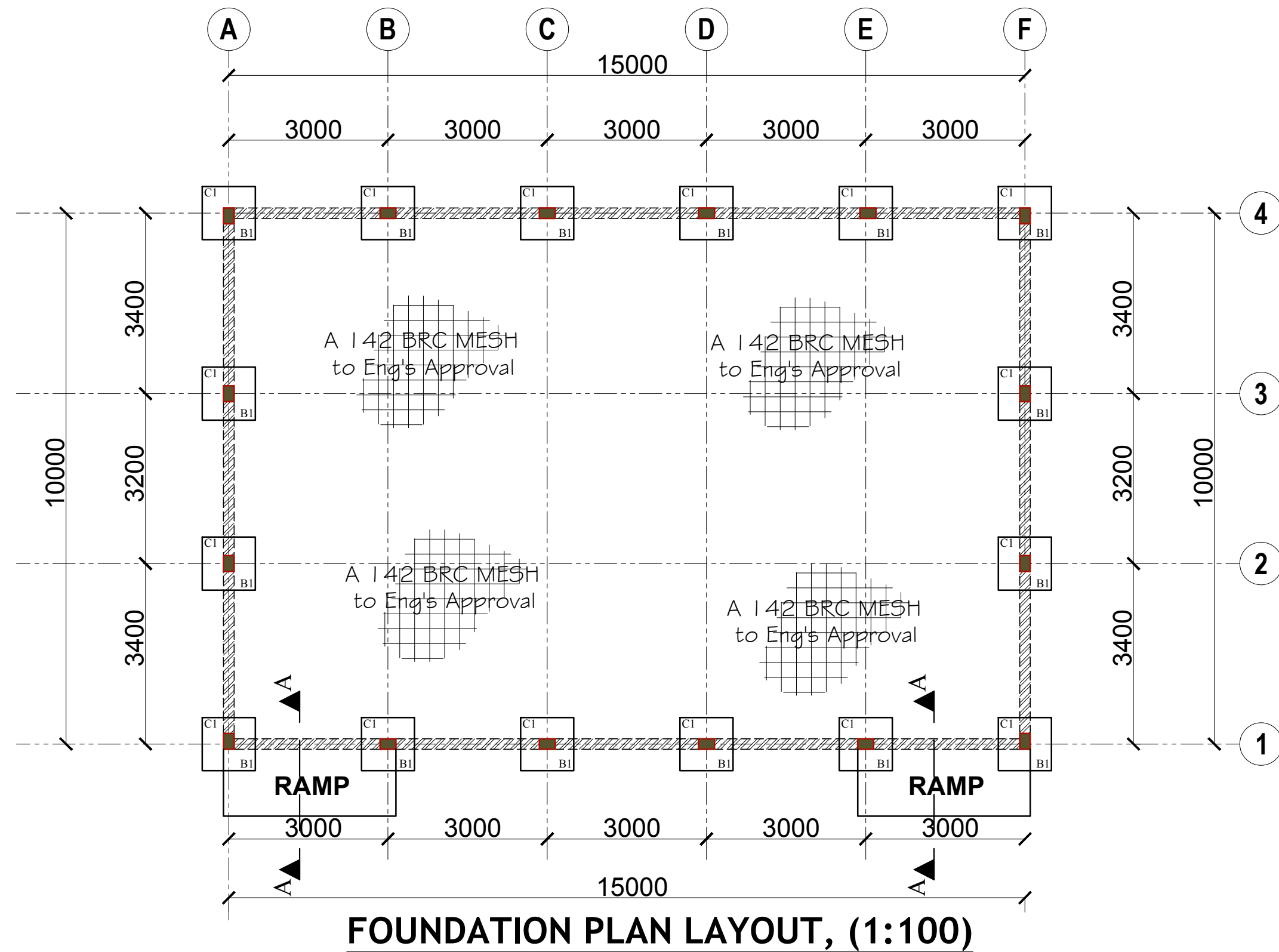


REV.	DESCRIPTION:	DATE:	DRAWN BY:	DESIGNED / CHECKED BY:	CLIENT:	PROJECT: KIPKOIBET AGGREGATION STORE IN BOMET COUNTY		
A.	FIRST ISSUE	APRIL 2025	Francis K. Ngigi	1. Eng. Calvin Musungu	MINISTRY OF AGRICULTURE AND LIVESTOCK DEVELOPMENT	TITLE: (STORE) Floor Plan Layout, Sections, Elevations	Contract NO:	DRG NO: ----
				2. Eng. David Sitei				SCALE: 1:100
				3. Eng. Simiyu Wangette				Sheet: 1
				4. Eng. Amos Kiptanui				N. Sheet: 1
				5.				

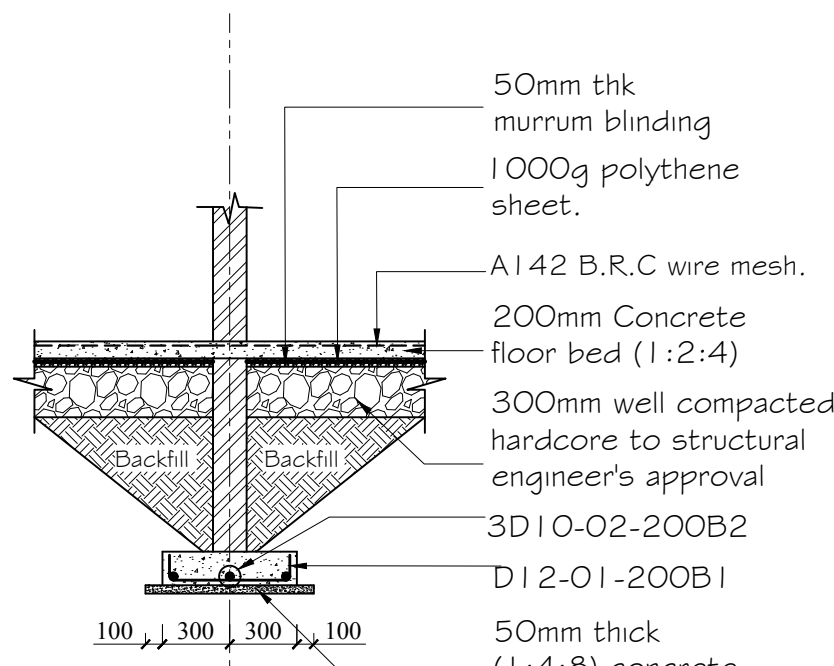




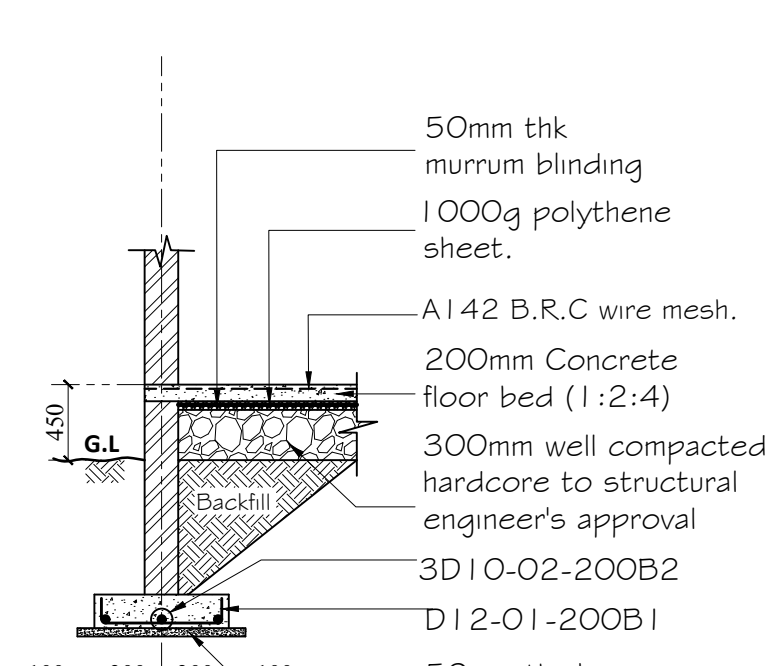
### ROOF TRUSSES LAYOUT (1:100)



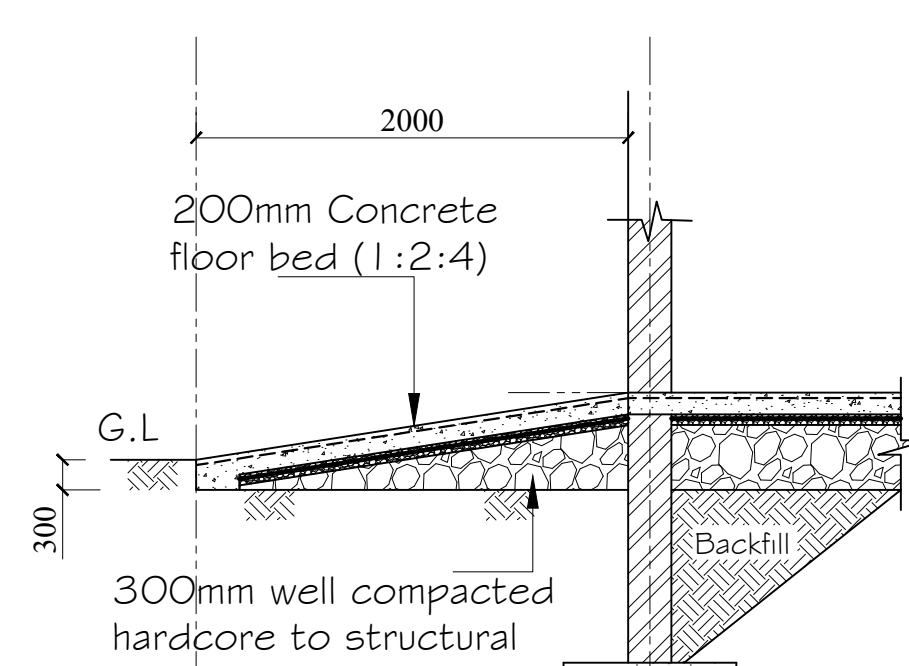
### FOUNDATION PLAN LAYOUT, (1:100)



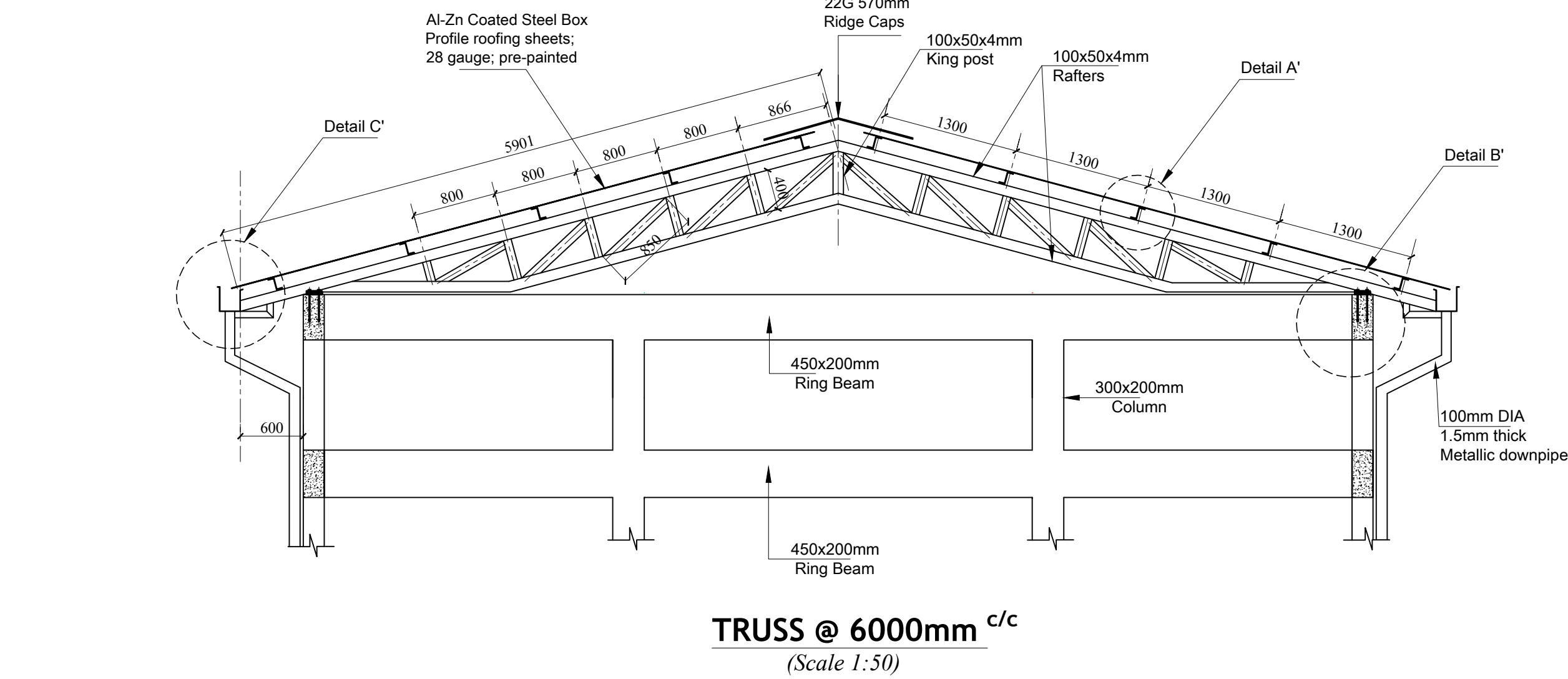
**STRIP FOUNDATION**  
**SECTION 02-02 (1:30)**



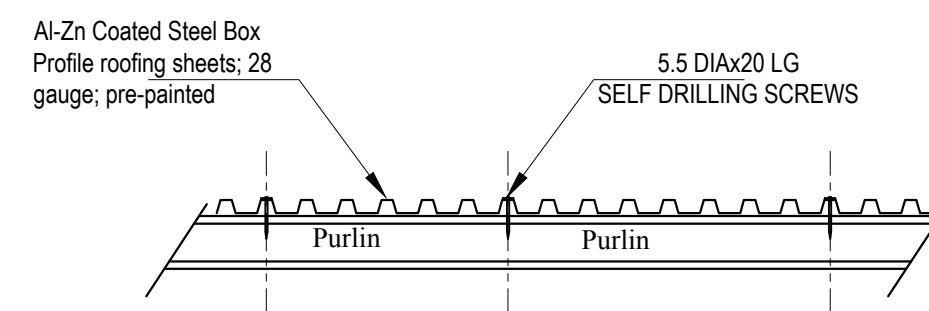
**STRIP FOUNDATION**  
**SECTION 01-01 (1:30)**



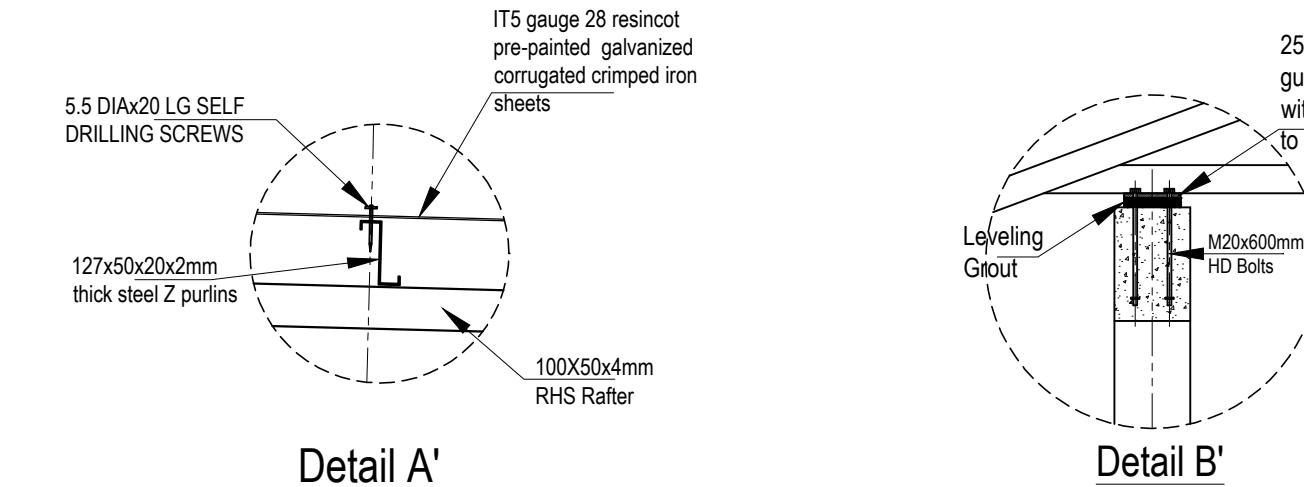
**RAMP SECTION A-A**



**TRUSS @ 6000mm** <sup>c/c</sup>  
(Scale 1:50)

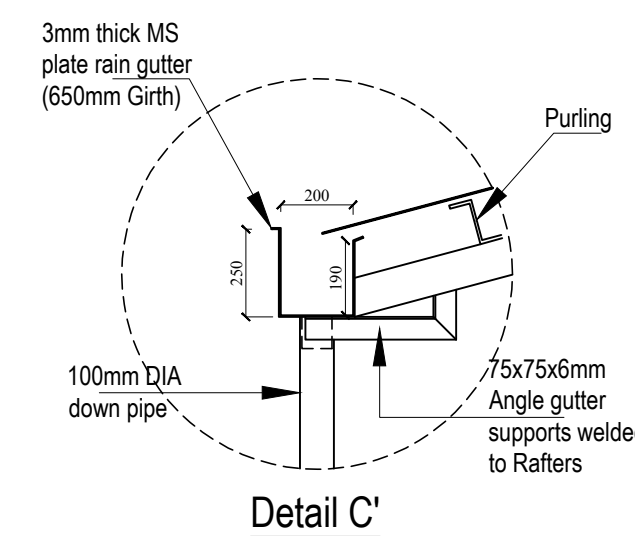


### TYPICAL LOCATION & FIXING OF SELF-DRILLING SCREWS FOR ROOFING

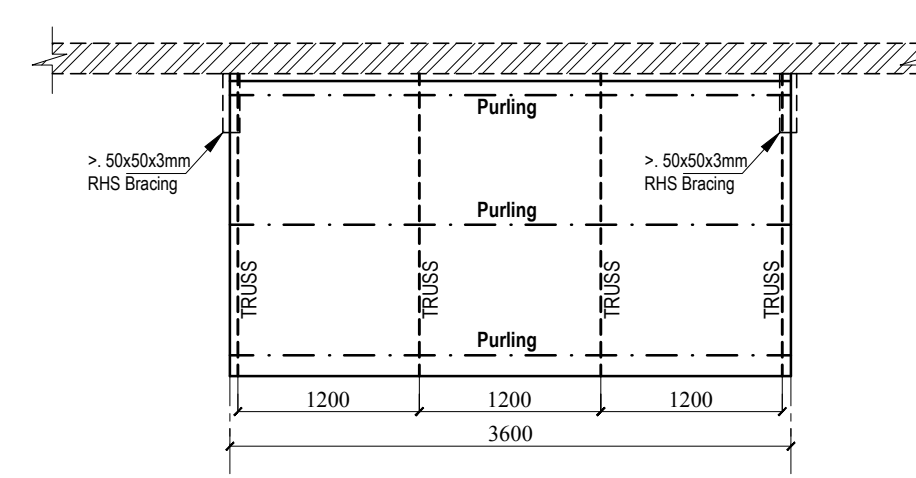


### Detail A

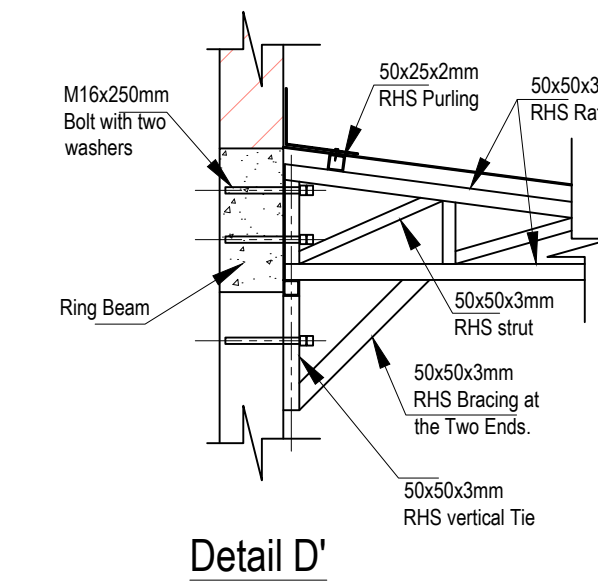
Detail B'



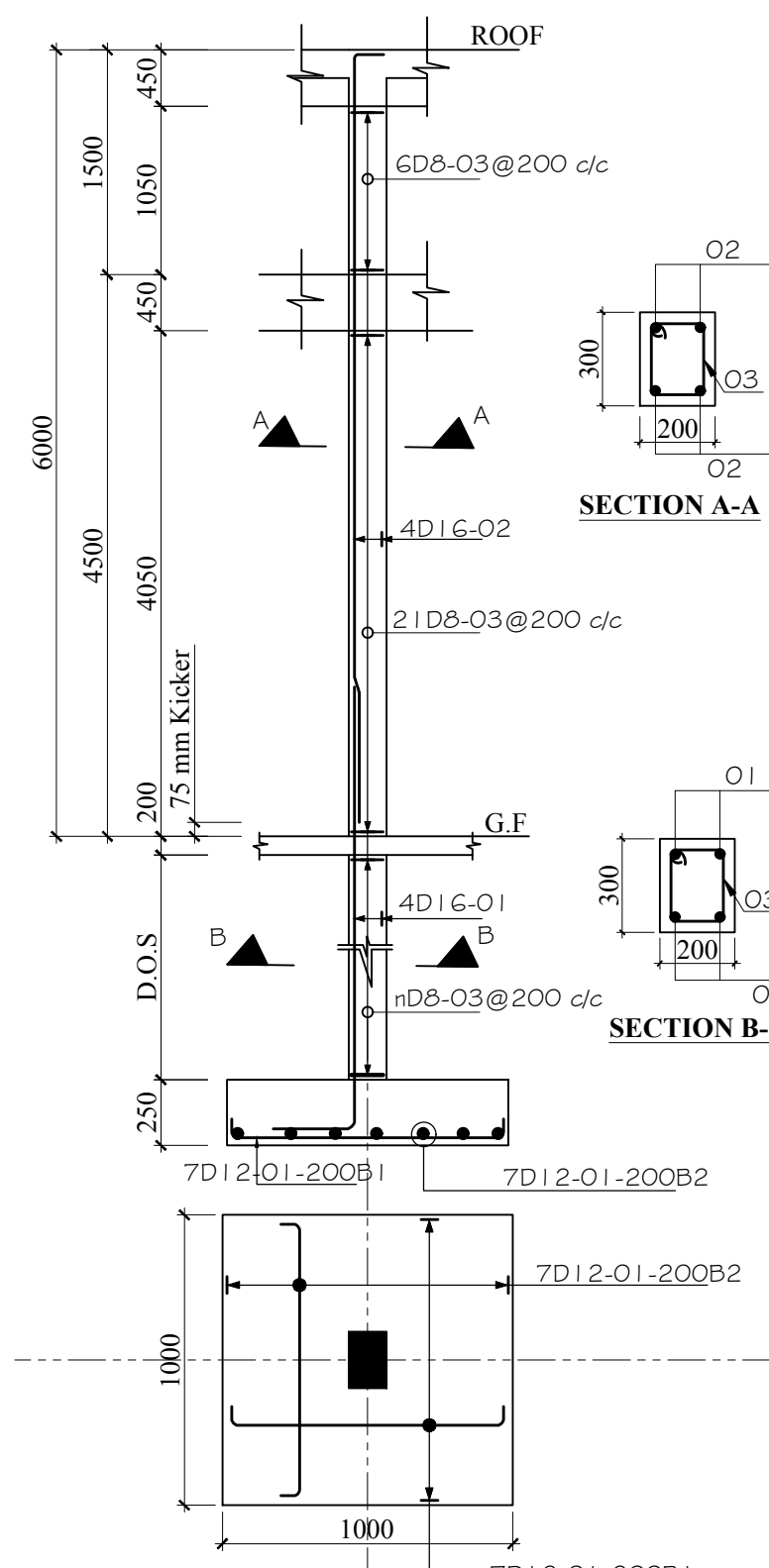
Detail C'



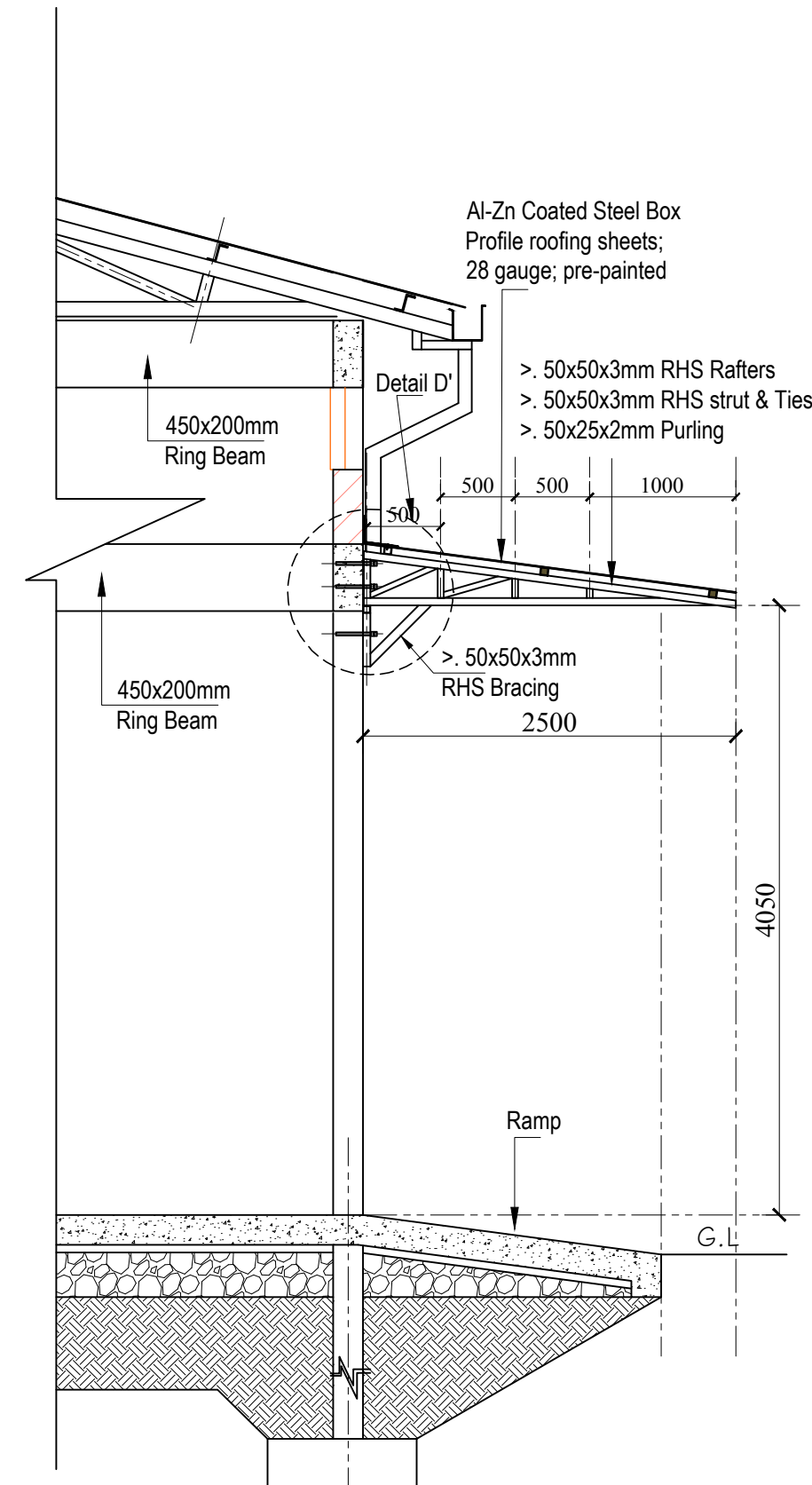
CANOPY TRUSSES LAYOUT (1:50)



Detail D'



**COLUMN (1)/BASE (1) DETAILS**  
(Scale- 1:50)



### CANOPY CROSS SECTION

**GENERAL NOTES:**

1. All dimensions are in millimeters unless otherwise specified.
  2. All works to be carried out in accordance with the local authority regulations.
  3. Use figured dimensions only, do not Scale from the drawing.
  4. All reinforced concrete works is to be in accordance with S.E's details.
- Concrete covers to be as follows
- |                      |                         |
|----------------------|-------------------------|
| a. All substructures | - 50mm                  |
| b. Columns           | - 40mm                  |
| c. Beams             | - 25mm                  |
| d. Slabs             | - 15mm                  |
| e. B.R.C Mesh        | - 25mm From top of slab |

Reinforcement cut, bent and scheduled to BS. 4466. Reinforcement designated as 5D10-01-225B1 means 5NO.

Deformed 10mm Diameter bars designated bar mark 01 placed at 225 centers as first bottom layer

5. Square Twisted High yield (Y-bars) reinforcement to BS 4451, Round mild steel (R-bars) reinforcement to BS 4449 and (D-bars) Deformed bars.

6. Foundation depth to be determined on site as per the ground conditions  
**(Hard Murrum)**

7. Symbols;     **D**- Deformed bars  
                      **T** - Top face.  
                      **B** - Bottom face.  
                      **D.O.S.** - Determined on Site.

REVISIONS:

**PROJECT:**

KIPKOIBET AGGREGATION STORE IN BOMET  
COUNTY

DRG. TITLE:

## STORE STRUCTURAL DETAILS

**CLIENT:**

MINISTRY OF AGRICULTURE AND  
LIVESTOCK DEVELOPMENT

**CONTRACT NO:**

DRAWN BY:

Francis k. Ngigi	1:100, 1:50, 1:25, 1:10
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CHECKED BY:

DATE: APRIL, 2021

DESIGN TEAM:

- >. Eng. Calvin Musungu
- >. Eng. David Sitoi
- >. Eng. Simiyu Wangette
- >. Eng. Amos Kiptanui