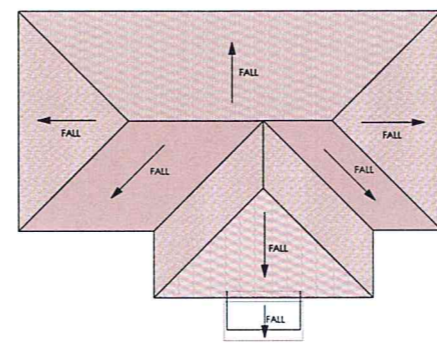
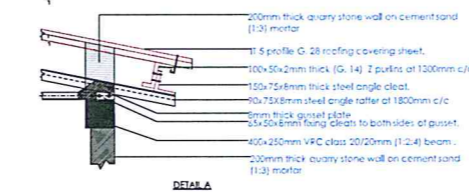


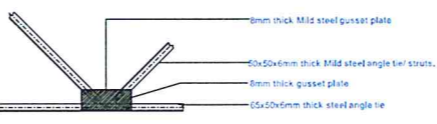
**GROUND FLOOR**



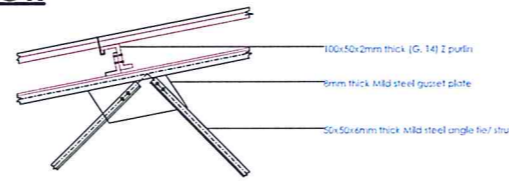
**ROOF PLAN**



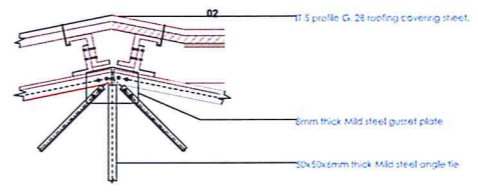
**DETAIL A**



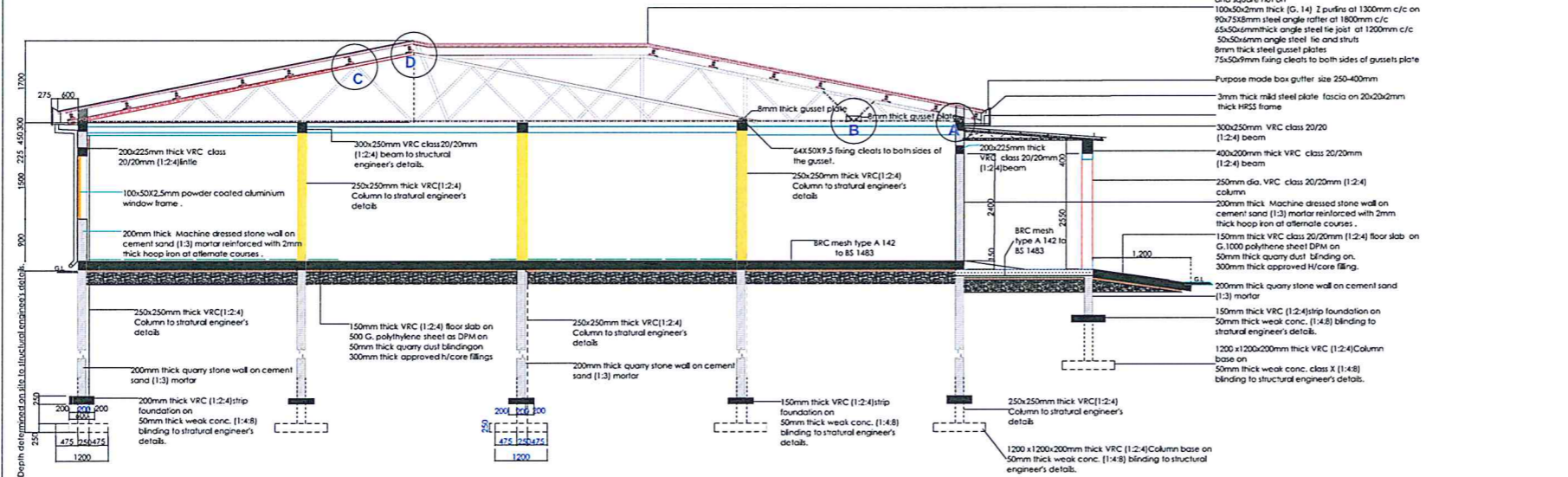
**DETAIL B**



**DETAIL C**



**DETAIL D**



**SECTION 0A-0A**

- NOTES**
- All dimensions are in mm unless otherwise specified.
  - Drawing are not to scaled. only figured dimensions to be used
  - The contractor must check and verify all dimensions before commencement of any work.
  - All walls less than 150mm thick to be reinforced with hoop iron at every alternate course.
  - Depth of foundation to be determined on site to S.E 's approval
  - All adjacent R.C . work and masonry walls to be tied with hoop iron at every alternate course.
  - All openings to have Permanent Ventilations except Wc & Sh. internal doors.
  - All soil under slab around and under foundation to be poisoned for termite control.
  - For all R.C work, refer to structural Engineer's details.
  - All adjacent R.C . work and masonry walls to be tied with hoop iron at every alternate course.

- RAINWATER GOODS**
- purpose made box gutter 250-400mm girth 2.5mm mounted with brackets at 900mm/cwidth
  - 150mm long block end with 100mm outlets
  - 100x100mm down pipes
  - swan neck with 1135mm projection

- PLUMBING**
- All plumbing and drainage to comply with relevant local authority SVP denotes soil vent pipe to be provided at the head of the drainage system
  - Drains pass beneath buildings & driveways to be encased in 150mm concrete surround.
  - The storm drain pipes to comply with BS 556 specification.
  - All underground foul and waste drain pipes shall be uPVC to comply with BS 5255.
  - All inspection chambers covers and framing shall be cast iron.
  - Minimum slope in the drains pipes to be 1 in 100
  - No chases will be allowed for pipes. Sleeves will be allowed with written approval of structural Eng's. No cutting of concrete without express approval of the Architect or structural Eng
  - All testing of pipes must be completed before plastering.
  - All mechanical works must be co-ordinated with electrical and any conflict must be clarified before work begin.

- FINISHES**
- All doors and windows to have permanent ventilations(PV ) except w .c's and showers doors.
  - All floor finishes to be cement/sand screed unless otherwise

**WINDOW SCHEDULE**

No.	Code	Window Description	Qty
Q1	W1	Aluminium window size 600x900mm	06
Q2	W2	Aluminium window size 900x1500mm	02
Q3	W3	Aluminium window size 400x1500mm	15

**DOOR SCHEDULE**

No.	Code	Door Description	Qty
Q1	D1	Aluminium & glass door size 1800x2400mm	01
Q2	D2	Aluminium & glass door size 900x2100mm	01
Q3	D3	Double leave hard door size 1200x2400mm	03
Q4	D4	Solid flush door 900x2100mm	04
Q5	D5	Solid flush door 800x2100mm	05

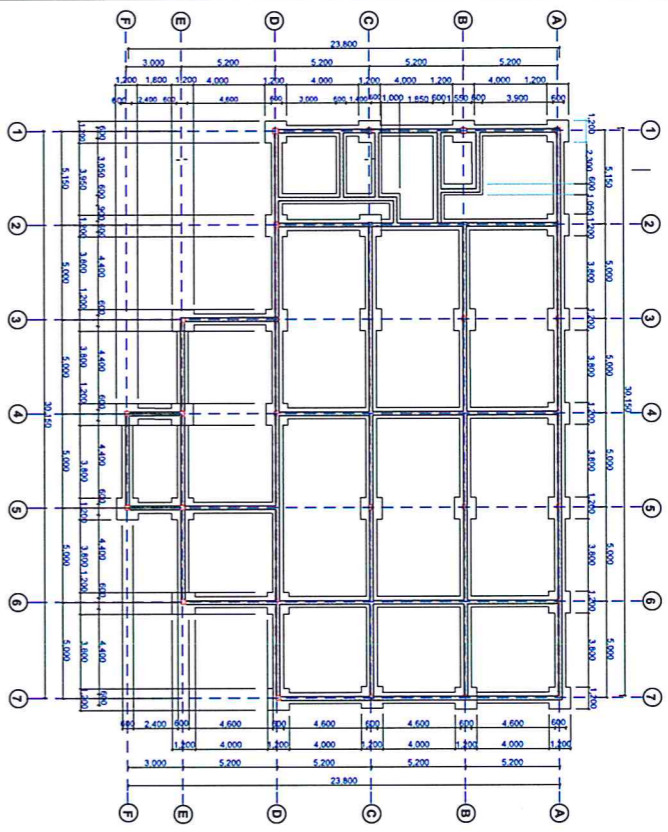
	NAME	DATE	SIGN	REVISION	REF	DATE	SIGN	CHECKED	DATE
APPROVED BY	SOLOMON WERE		<i>[Signature]</i>		1	18.09.2017			
CHECKED BY	THOMAS MOGOI		<i>[Signature]</i>		2	31.10.2017			
DRAWN BY	ROGERS MWENDA		<i>[Signature]</i>						
	JOSPHAT WAMBUA		<i>[Signature]</i>						

**PROPOSED RUIRU COMMERCIAL OFFICE**

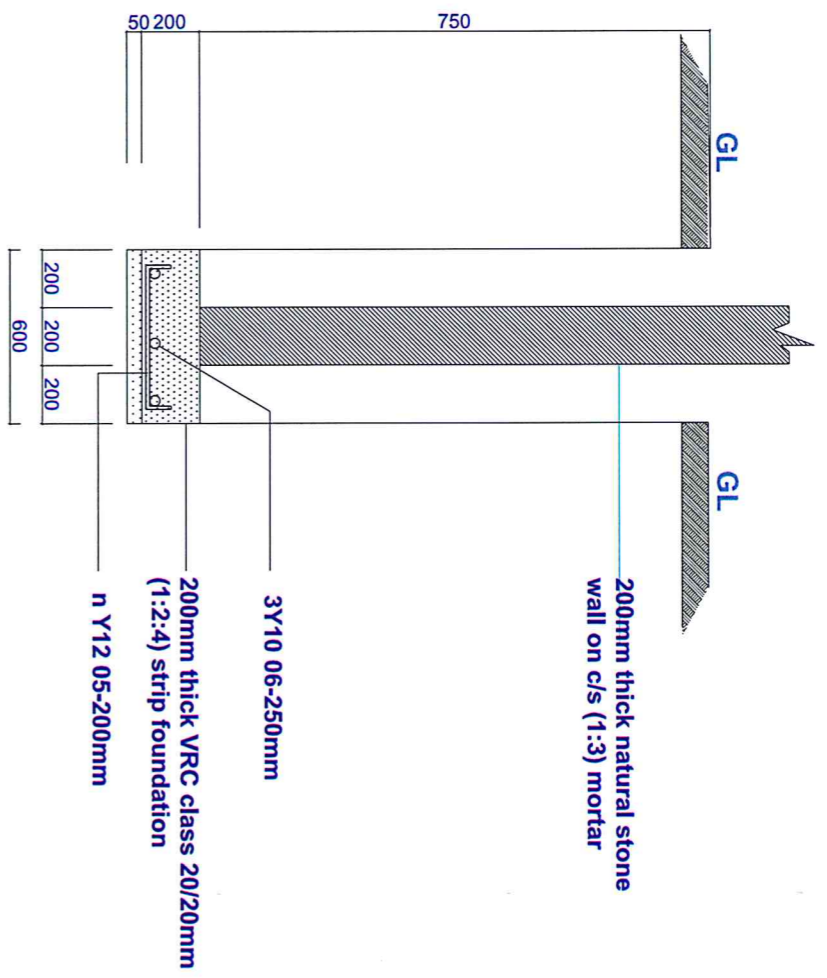
Scale : 1:100, 1:75 & 1:50

**KENYA POWER**

REV. 01



**COLUMN LAYOUT PLAN**



**STRIP FOUNDATION DETAILS**

**SECTION 04-04**

S-04

S-04

20Y8 03-250mm

4Y12 04

2,875

1,000

150

500

200

50

4Y12 02

250x250mm VRC class20/20mm column

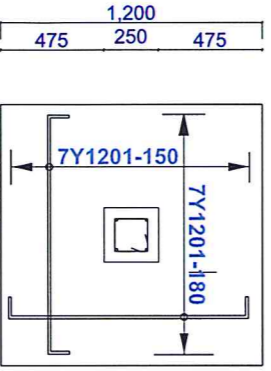
4Y12 04

200mm thick VRC class20/20mm (1:2:4) column base

50mm thick plain conc. class X(1:4:8) blinding

7Y12 01-180mm

1200  
475 250 475



**COLUMN DETAILS**

**NOTES**

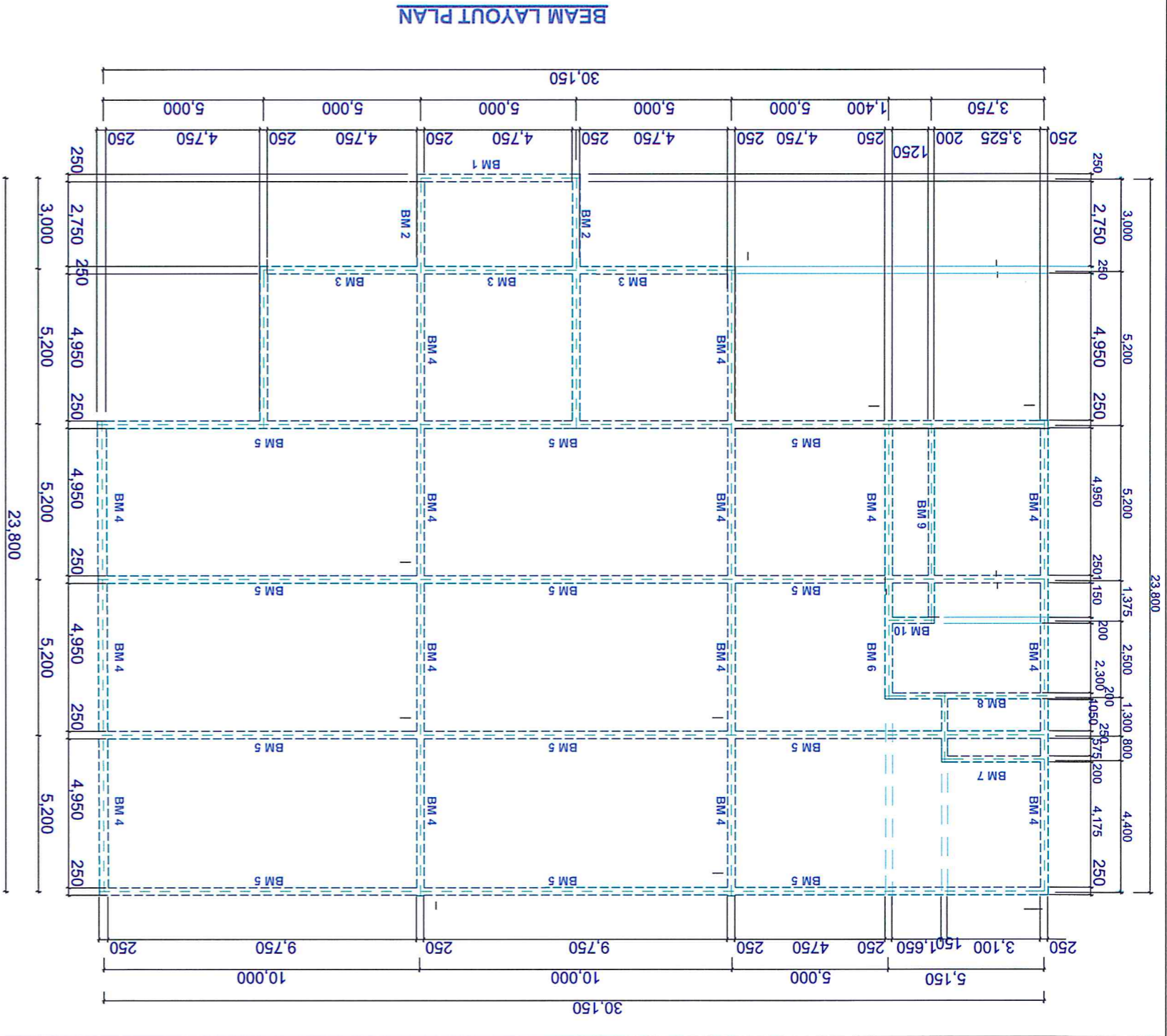
- All dimensions are in mm unless otherwise specified.
- Drawing are not to scaled, only figured dimensions to be used
- The contractor must check and verify all demansions before commencement of any work.
- Actual foundation depth to be determined on site and approved by the structural Engineer before placing concrete.
- Minimum cover to main bars:
  - a. Bases and strip foundation - 50mm
  - b. Cullumns & Beams - 25mm
  - c. Slab - 20mm
- Strike formwork as follows:
  - Bases sides - 48Hrs
  - Cullumns & Beam sides - 48Hrs
  - Beam soffits - 28days.
- All Reinforced concrete to be class 20/20mm
  - Nomral mix 1:2:4
  - machine mixed and vibrated

Client <b>KENYAPOWER</b>	Project <b>PROPOSED RURU COMMERCIAL OFFICE BLOCK</b>	Scale 1:100, 1:50	Drawn By <b>JOSPILAT WAMBUA</b>	Checked By <b>THOMAS MOSOI</b>
	Title <b>FOUNDATION PLAN AND COLUMN DETAILS</b>	Scale No. <b>02</b>	Signature <i>[Signature]</i>	Signature <i>[Signature]</i>
			Date <b>14/11/2017</b>	Date <b>14/11/2017</b>

Client <b>KENYA POWER</b>
Project <b>PROPOSED RUIRU COMMERCIAL OFFICE BLOCK</b>

Drawn By <b>JOSPAT WAMBUA</b>	Signature	Date <b>14/11/2017</b>
Title <b>BEAM LAYOUT PLAN AND DETAILS</b>		

Checked By <b>THOMAS MOGOI</b>	Signature	Date
Approved By <b>SOLOMON WERE</b>	Signature	Date <b>14/11/2017</b>



**NOTE**

- All dimensions are in mm unless otherwise specified.
- Do not scale the drawing . only figured dimensions to be used
- The contractor must check and verify all dimensions before commencement of any work.
- Minimum cover to main bars,
- b. Columns & Beams - 25mm
- c. Slab - 20mm
- Strike formwork as follows ,
- Bases sides - 48hrs
- Columns & Beam sides - 48hrs
- Beam soffits - 28days.
- All Reinforced concrete to be class 20/20mm
- Normal mix 1:2:4
- machine mixed and vibrated

