TRIANGLE
ENGINEERING SERVICES
Design with Purpose, Build with Passion

TRIANGLE ENGINEERING DESIGN

STRUCTURAL DETAILING AND CALCULATIONS

P.O. BOX .....
TEL: 0745806078
0757385888
Email: otienofo71@gmail.com
trianglearchitectural2020@gmail.com

Ofice: Ruai Town,Opposite Ola Energy Petrol Station

Our Mission

To provide the best engineering solutions while incorporating high standards of quality and cost effectiveness.

Our Vision

To be the preferred service providers by all our clients.

Summary

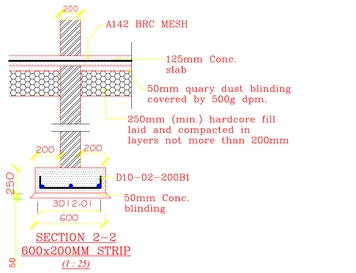
We are Structural Designers with Five years Experience in RCC & Steel Structures, well skilled with softwares such Staad Pro,Protastructure,Autocad ,Revit.

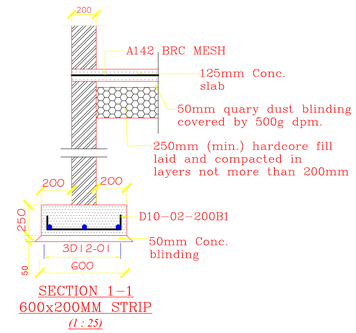
EDUCATION

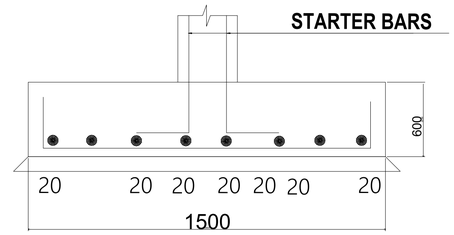
Diploma Building and Civil Engineering

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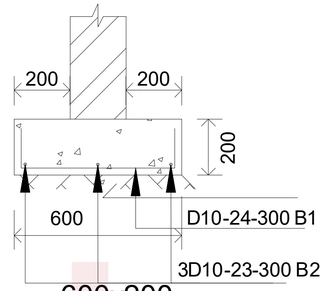
PROJECTS



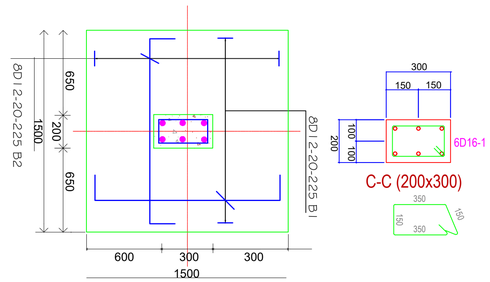




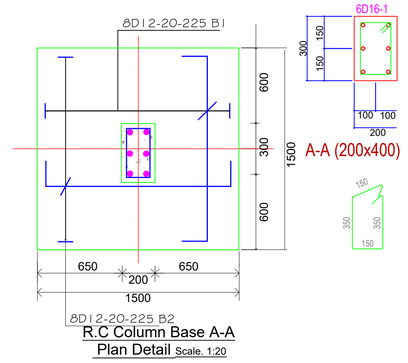
SECTION B - BC/A-A



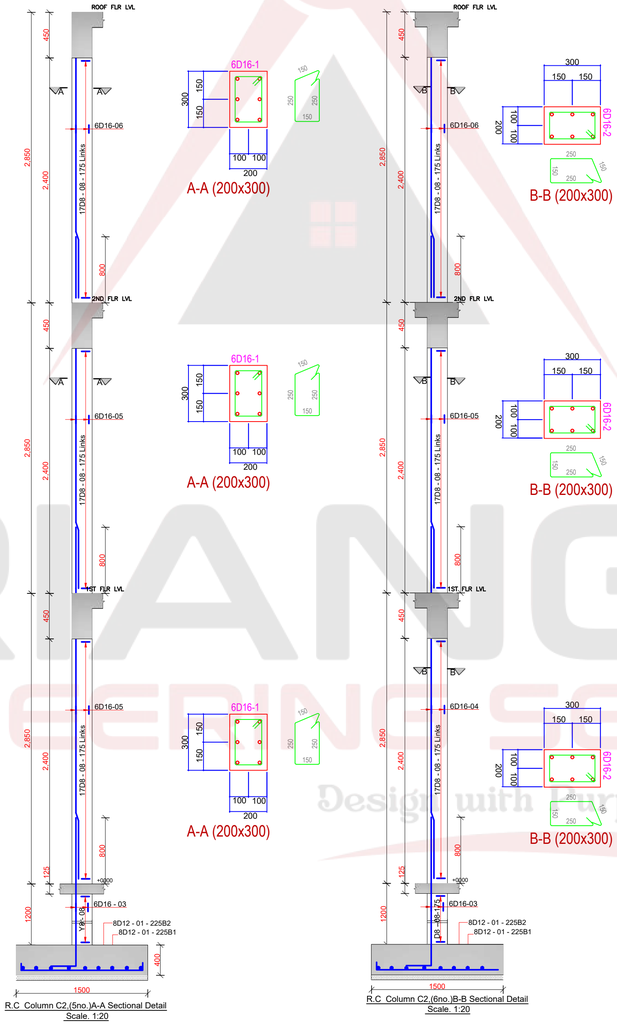
600x200
STRIP FOOTING
SCALE 1:25

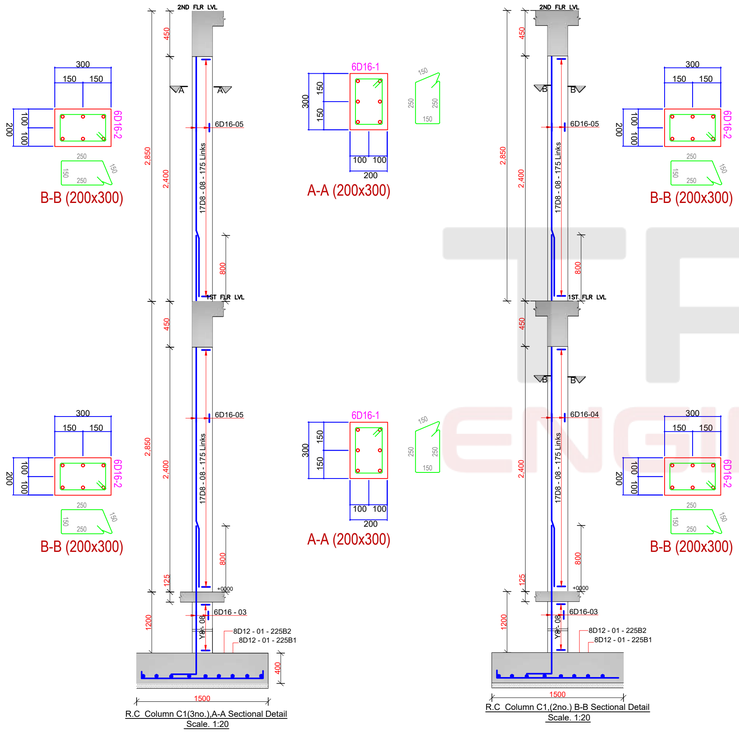


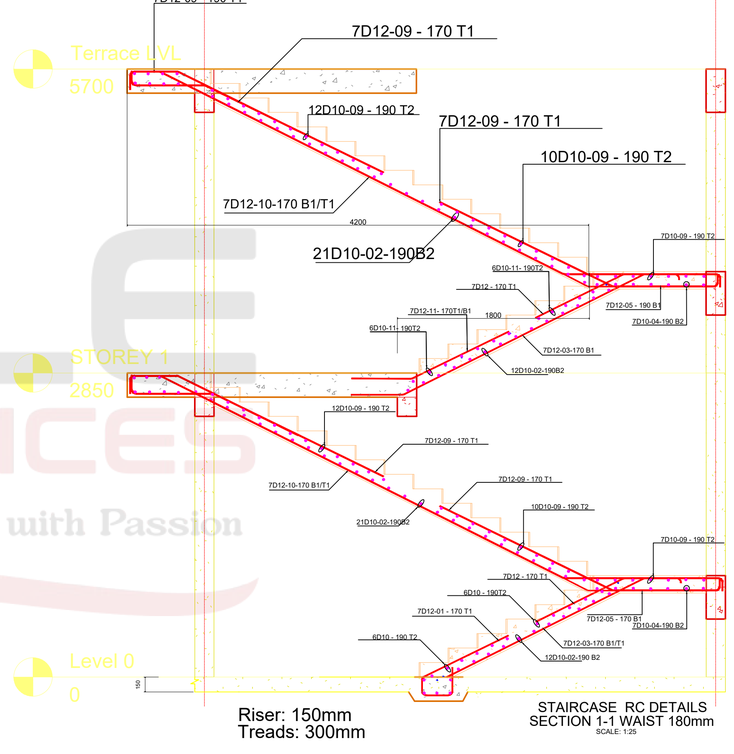
R.C Column Base C-C
Plan Detail Scale. 1:20



R.C Column Base A-A
Plan Detail Scale. 1:20







STAIRCASE RC DETAILS
SECTION 1-1 WAIST 180mm
SCALE: 1:25

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

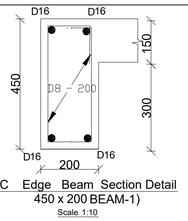
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CLIENT:	ANNE NYAGUTHIE WAIRIMU, P.O.BOX 27150-00100, NAIROBI.
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

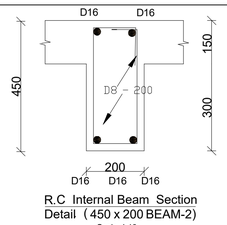
DRAWN BY:	K.R.
CHECKED BY:	
DATE :	AUGUST,2025
SCALE :	As Shown.

Drg. No. 01

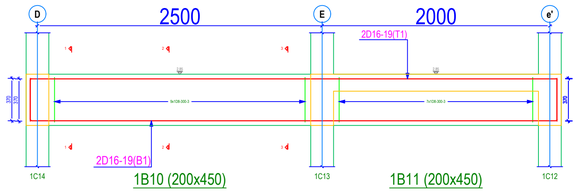
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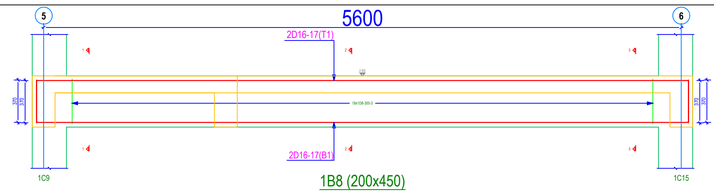
C Edge Beam Section Detail
450 x 200 BEAM-1)
Scale 1:10



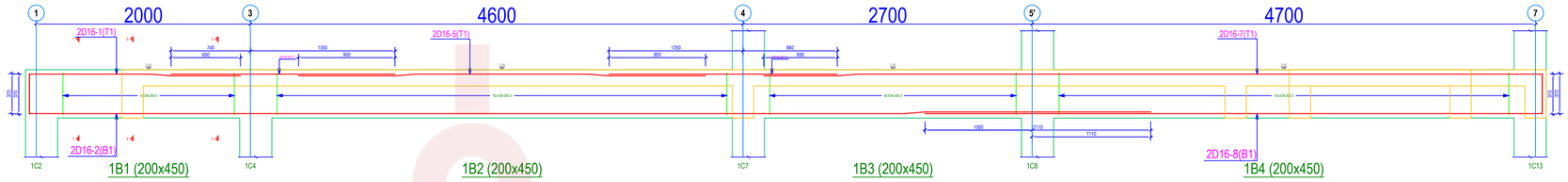
R.C Internal Beam Section
Detail (450 x 200 BEAM-2)
Scale 1:10



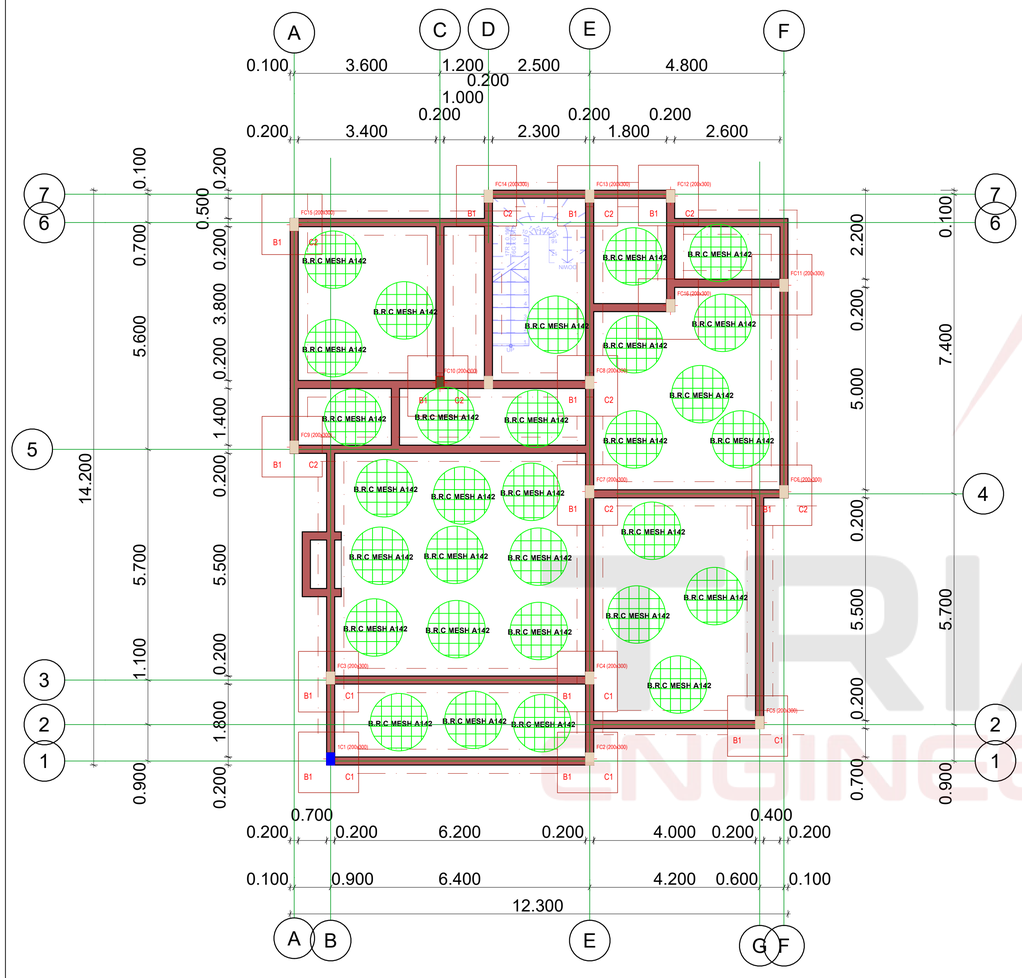
1B10 (200x450) 1B11 (200x450)



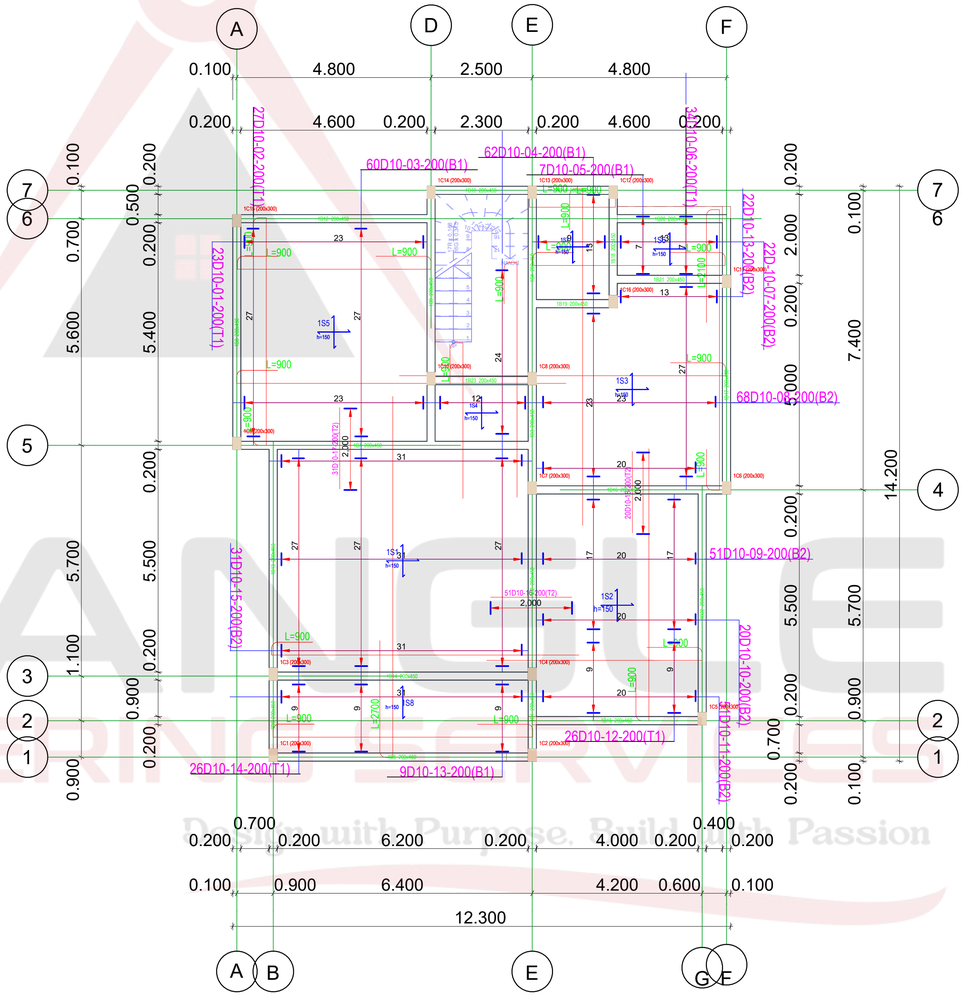
1B8 (200x450)



1B1 (200x450) 1B2 (200x450) 1B3 (200x450) 1B4 (200x450)



FOUNDATION AND COLUMNS LAYOUT
Scale 1:100



1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT
Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

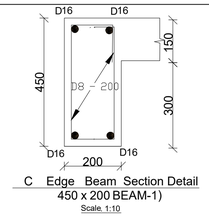
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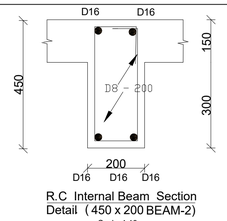
DRAWN BY:	K.R.
CHECKED BY:	
DATE :	AUGUST,2025
SCALE :	As Shown.

Drg. No. 01

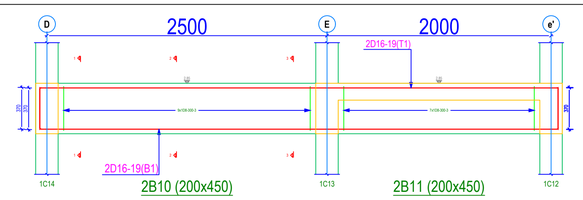
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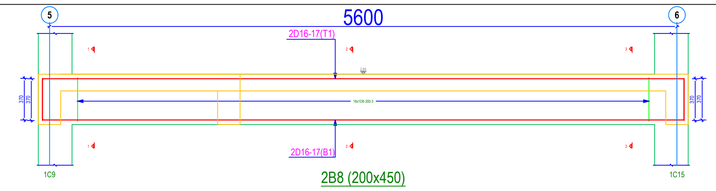


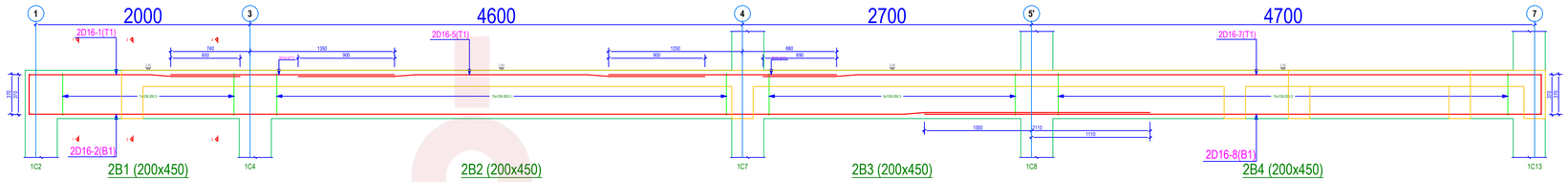
C Edge Beam Section Detail
450 x 200 BEAM-1)
Scale. 1:10

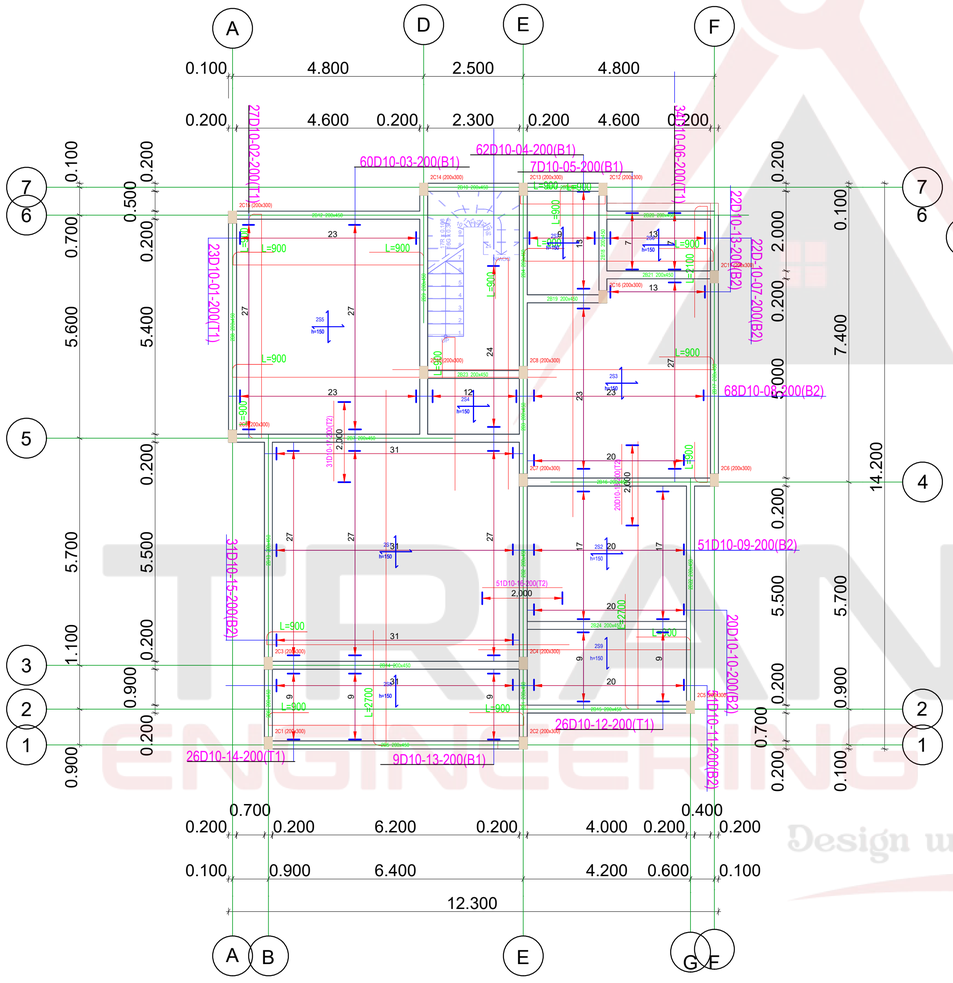


R.C Internal Beam Section
Detail (450 x 200 BEAM-2)
Scale. 1:10



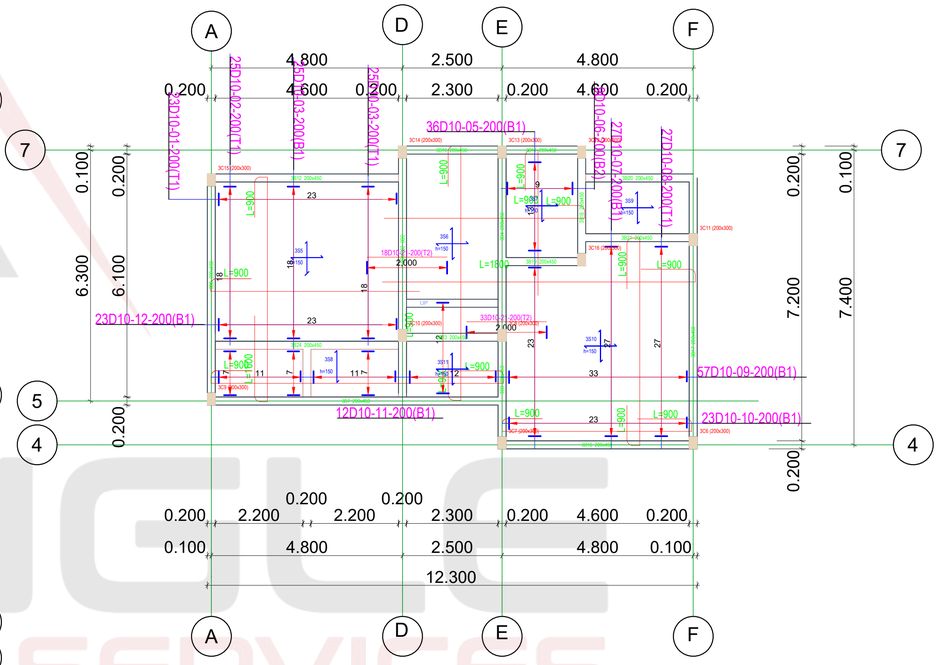






TERRACE 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



ROOF TOP FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

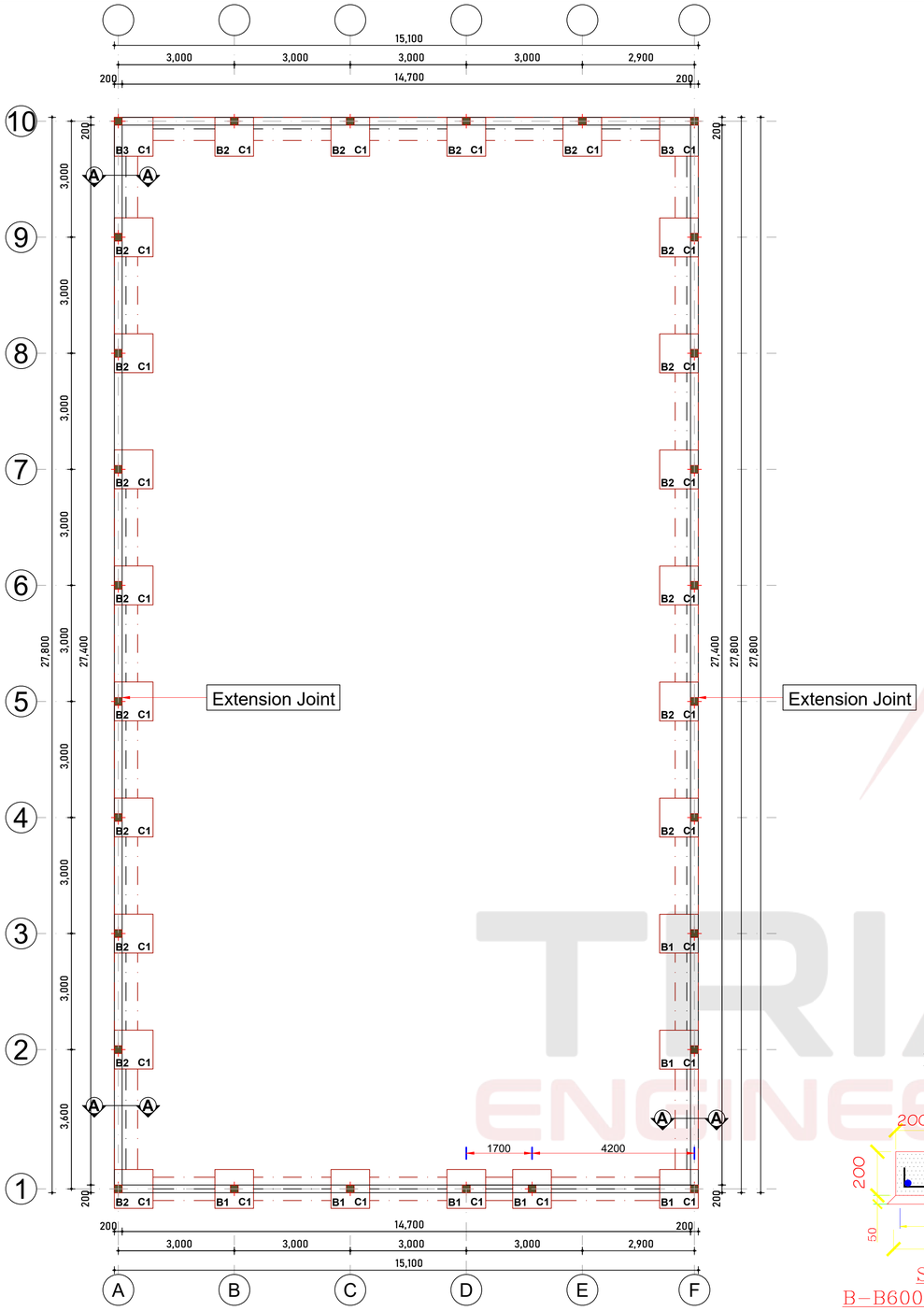
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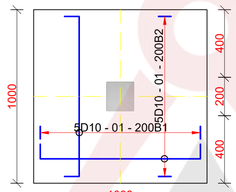
Drg. No. 01

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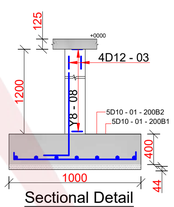


PERIMETER WALL FOUNDATION AND COLUMNS LAYOUT

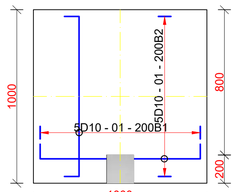
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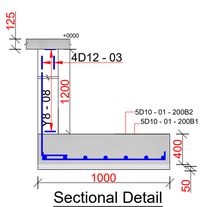
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(1000x1000x400) Scale. 1:25



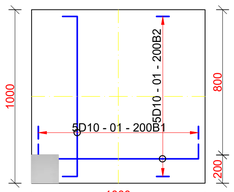
Sectional Detail
Scale. 1:25



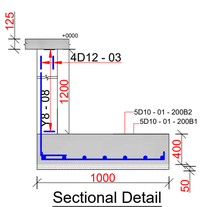
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(1000x1000x400) Scale. 1:25



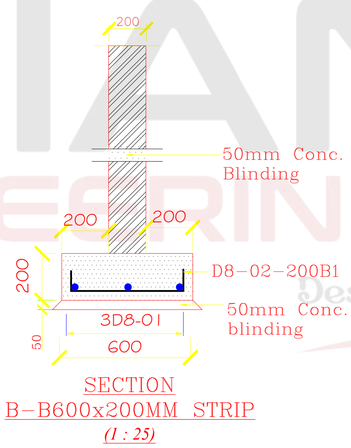
Sectional Detail
Scale. 1:25



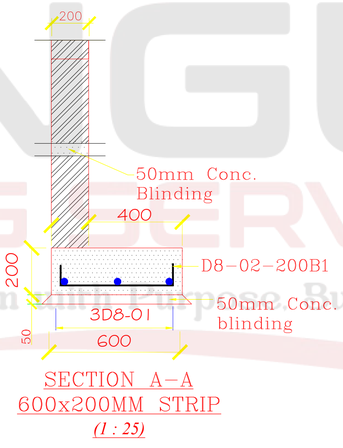
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(1000x1000x400) Scale. 1:25



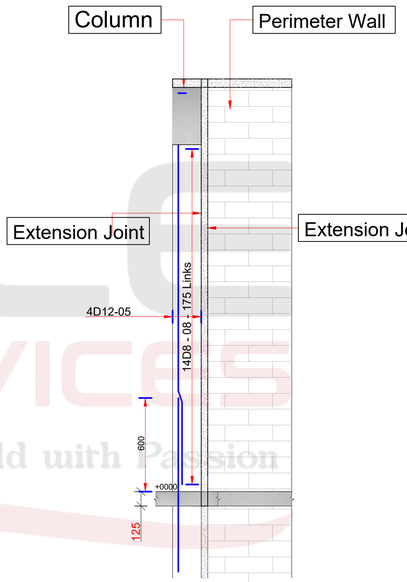
Sectional Detail
Scale. 1:25



SECTION
B-B600x200MM STRIP
(1 : 25)



SECTION A-A
600x200MM STRIP
(1 : 25)



EXPANSION JOINT
Scale. 1:100

ColumnC1(28no.)
200MMX200MM
Scale. 1:100

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GENERAL NOTES

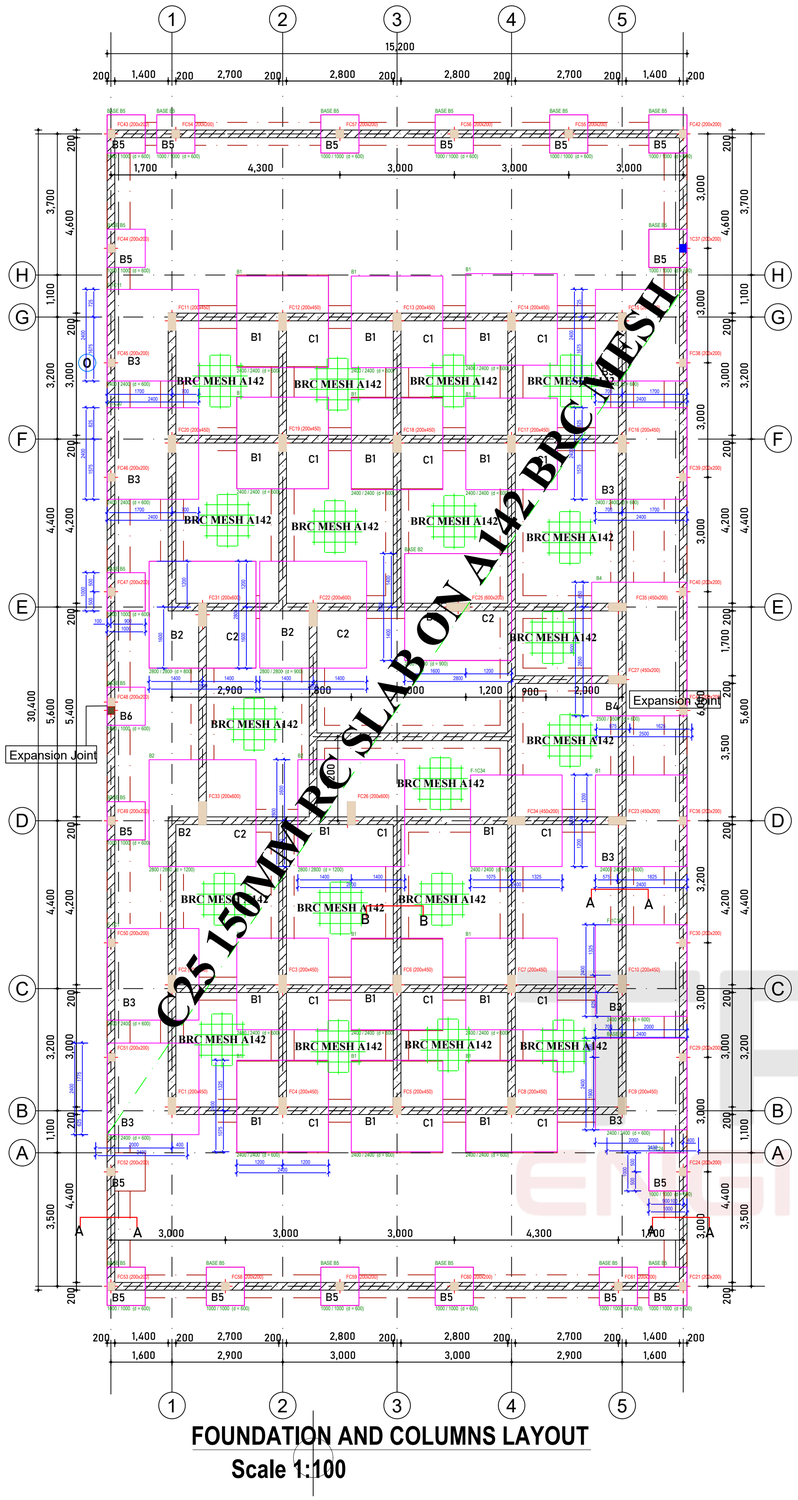
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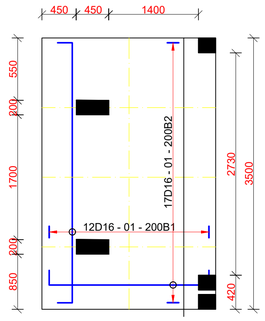
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SCALE :	As Shown.

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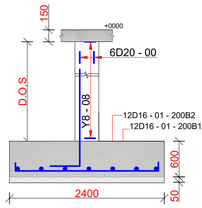
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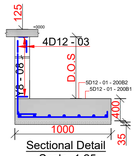
FOUNDATION AND COLUMNS LAYOUT
Scale 1:100



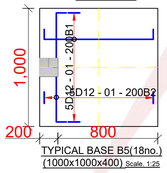
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(2400x2400x600) Scale. 1:25



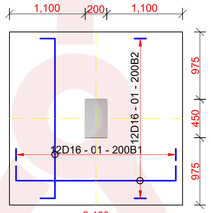
Sectional Detail
Scale. 1:25



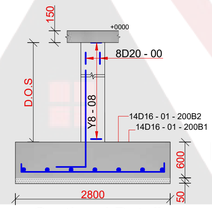
Sectional Detail
Scale. 1:25



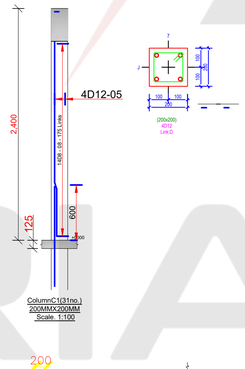
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(1000x1000x400) Scale. 1:25

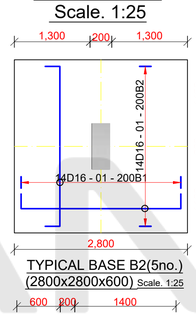


TYPICAL BASE B1(13no.)
(2400x2400x600) Scale. 1:25

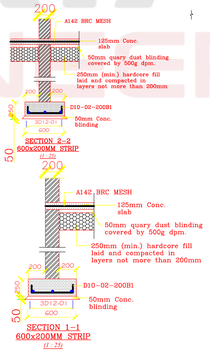


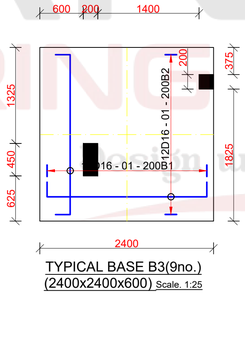
Sectional Detail
Scale. 1:25



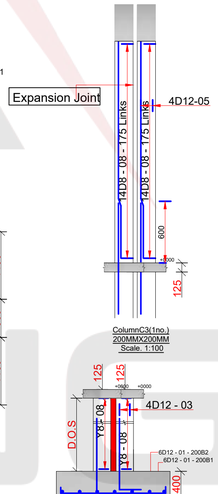


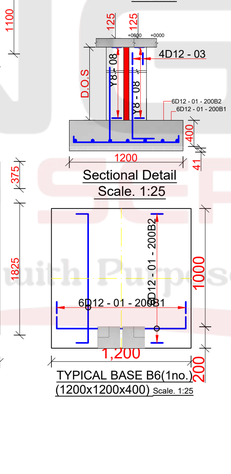
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(2800x2800x600) Scale. 1:25





TYPICAL BASE B3(9no.)
(2400x2400x600) Scale. 1:25

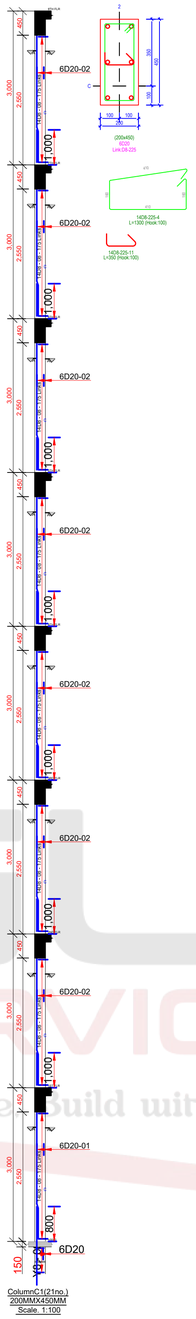


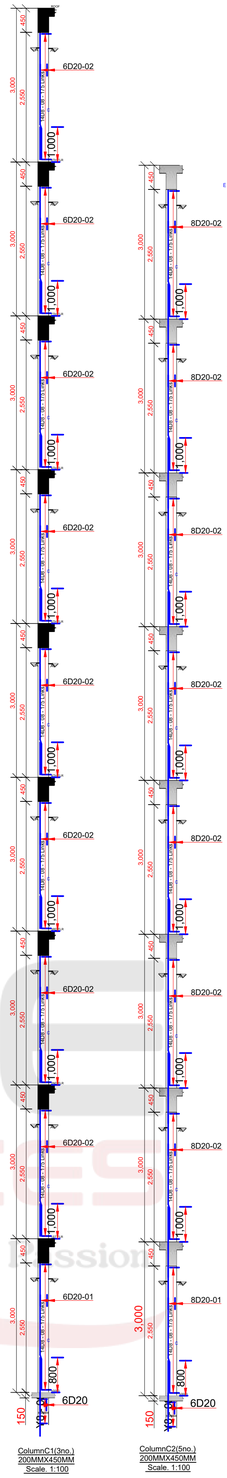


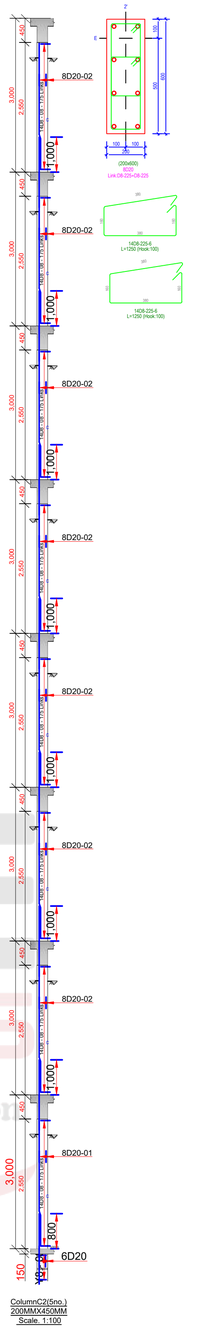
Sectional Detail
Scale. 1:25

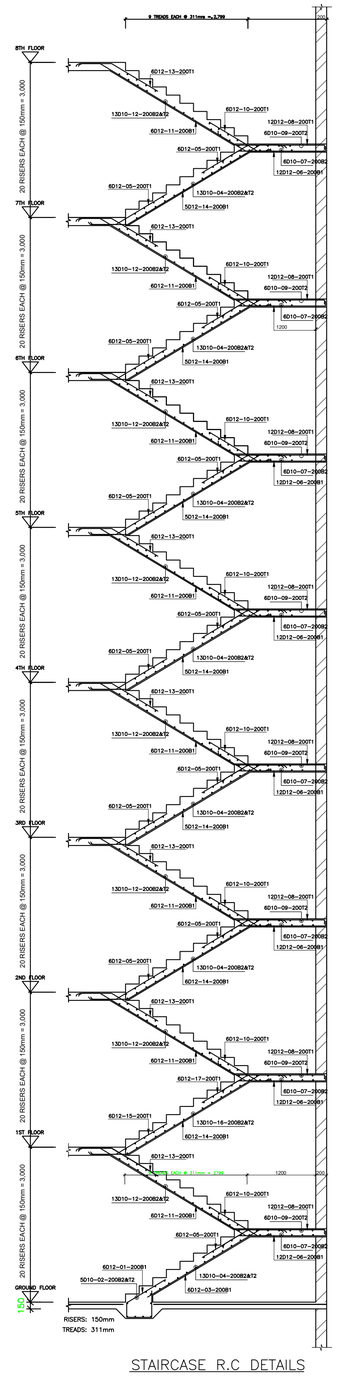
TYPICAL BASE B6(1no.)
(1200x1200x400) Scale. 1:25

Expansion Joint









STAIRCASE R.C DETAILS

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

1. Only figured dimensions to be taken from this drawing.
2. This drawing is to be read in conjunction with other relevant structural/architectural drawings.
3. All dimensions, unless otherwise specified, are in millimeters.
4. Concrete cover for reinforcement to be as follows:-
   Slabs - 20mm
   Beams - 25mm
   Columns - 40mm
   Bases - 50mm
5. All black cotton soil to be removed before construction.
6. Concrete strength to be class 25\20 for all structural elements
7. Concrete strength for blinding to be class 15/40.
8. Square twisted steel reinforcement bars to BS4461 are denoted by 'Y'.
9. Mild steel reinforcement bars to BS4449 are denoted by 'R'.
10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO.RUIRU WEST BLOCK 1/777,KIAMBU COUNTY.

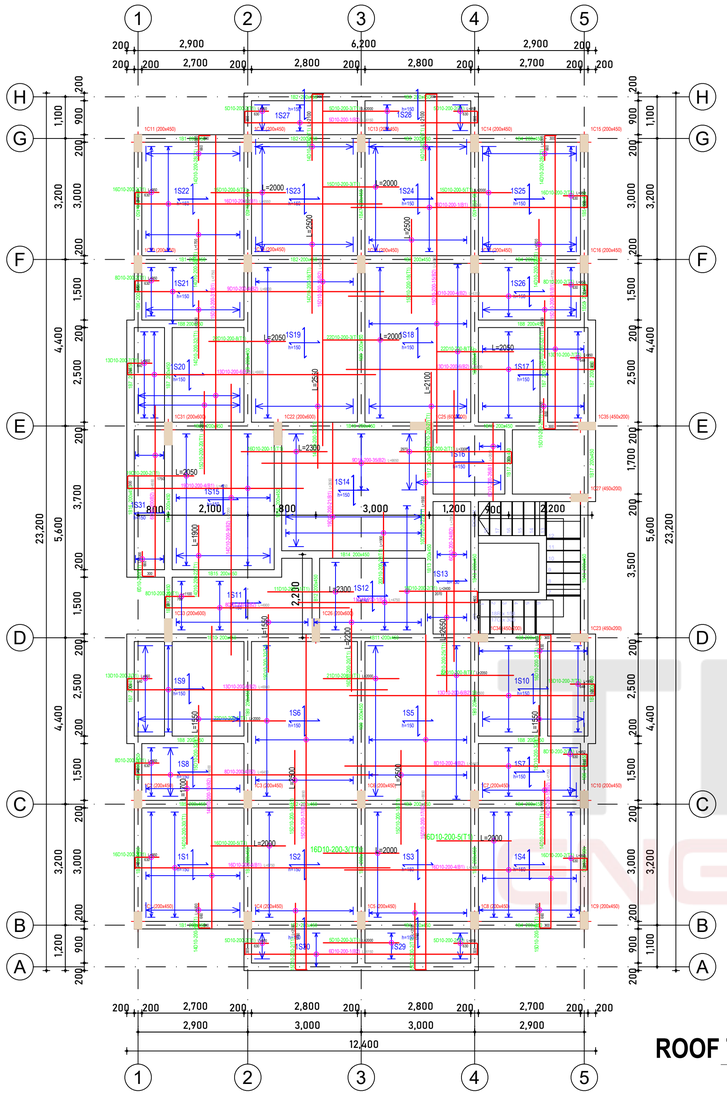
CLIENT: COLLETA MUTHONI C/O ANDREW CHEGE KIBE AND LUCAS MURAYA KIBE.

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

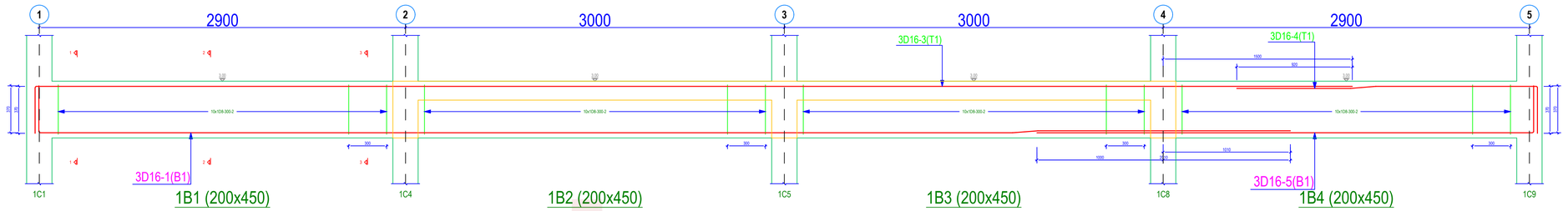
Drg. No. 01

TRIANGLE ENGINEERING SERVICES
Designed with Purpose, Build with Passion



1ST-8TH FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

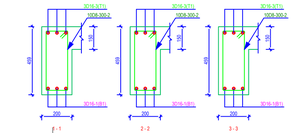


1B1 (200x450)

1B2 (200x450)

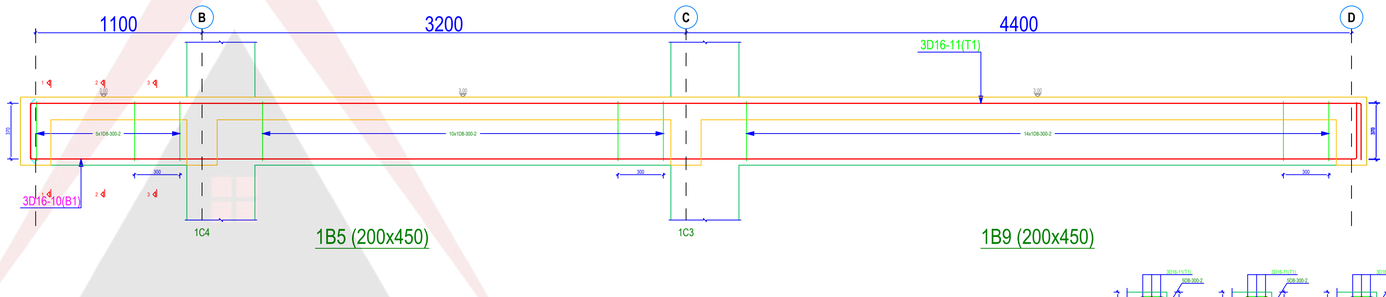
1B3 (200x450)

1B4 (200x450)



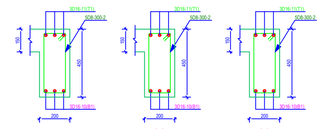
FLOOR BEAM 450MM X 200MM

Scale 1:100



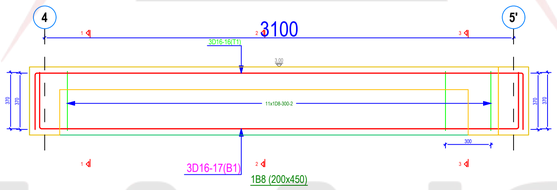
1B5 (200x450)

1B9 (200x450)

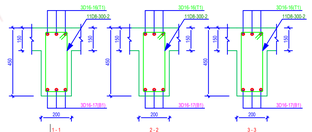


FLOOR BEAM 450MM X 200MM

Scale 1:100

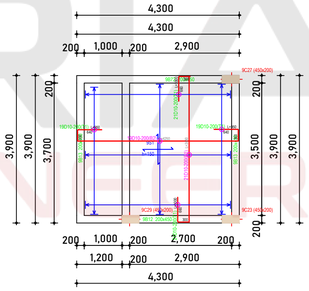


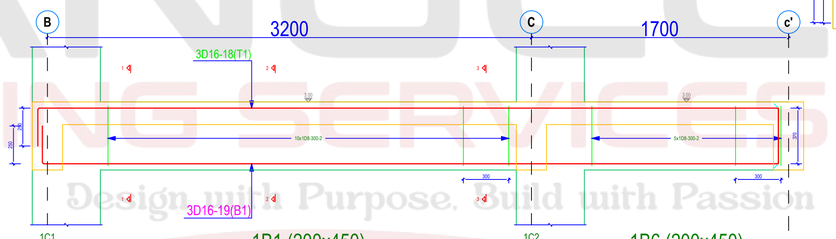
1B8 (200x450)



FLOOR BEAM 450MM X 200MM

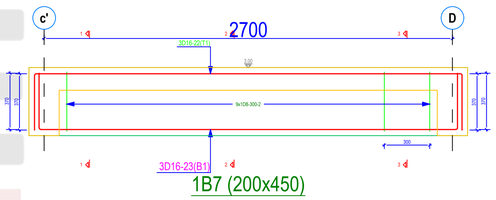
Scale 1:100



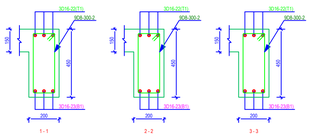


1B1 (200x450)

1B6 (200x450)

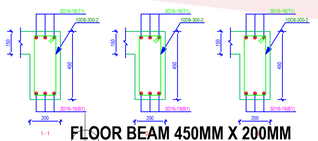


1B7 (200x450)



FLOOR BEAM 450MM X 200MM

Scale 1:100



FLOOR BEAM 450MM X 200MM

Scale 1:100

ROOF TO 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

1. Only figured dimensions to be taken from this drawing.
2. This drawing is to be read in conjunction with other relevant structural/architectural drawings.
3. All dimensions, unless otherwise specified, are in millimeters.
4. Concrete cover for reinforcement to be as follows:-
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   Beams - 25mm
   Columns - 40mm
   Bases - 50mm
5. All black cotton soil to be removed before construction.
6. Concrete strength to be class 25\20 for all structural elements
7. Concrete strength for blinding to be class 15/40.
8. Square twisted steel reinforcement bars to BS4461 are denoted by 'Y'.
9. Mild steel reinforcement bars to BS4449 are denoted by 'R'.
10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO.7/1298,MWIHOKO,KIAMBU COUNTY.

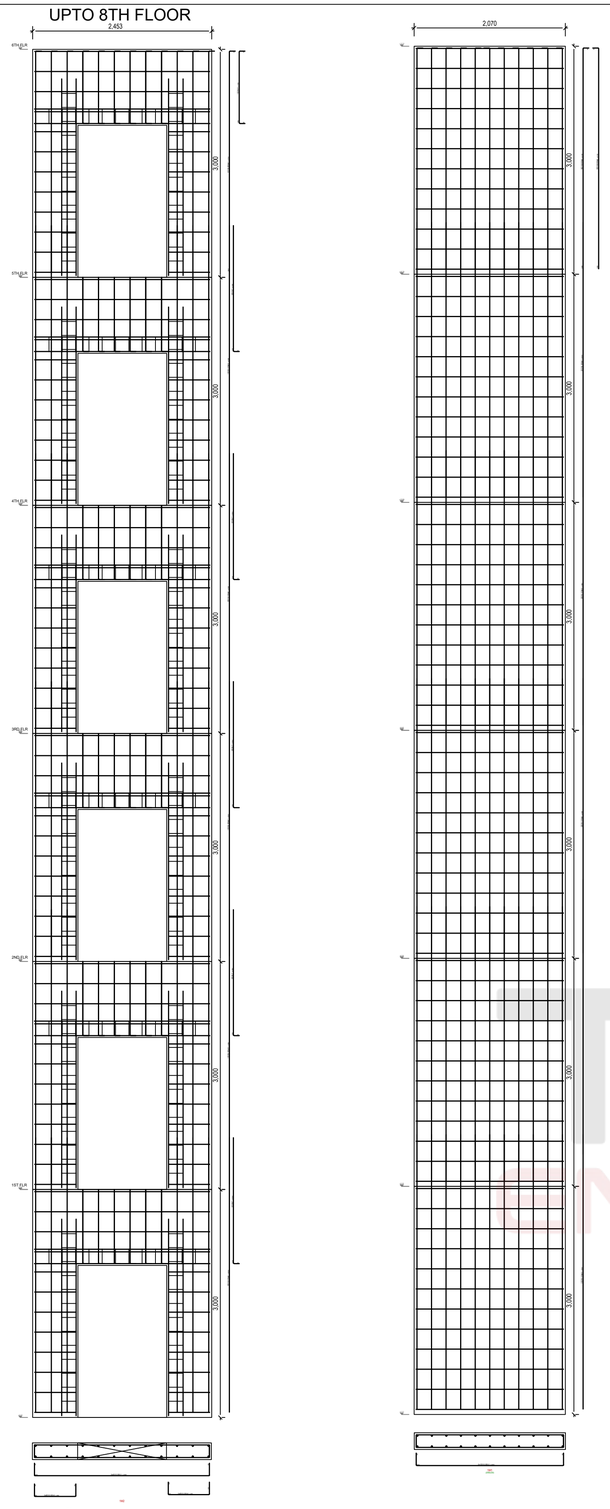
CLIENT: MR.ANDREW RATEMO AND MISS ANNA OMBOGO

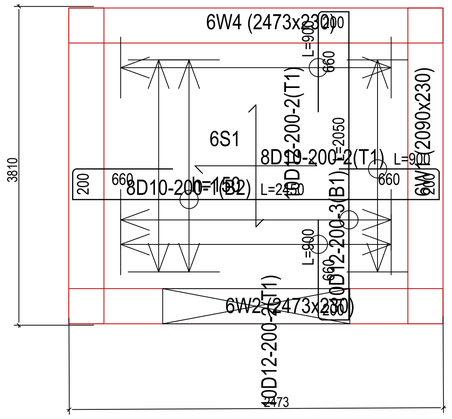
TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

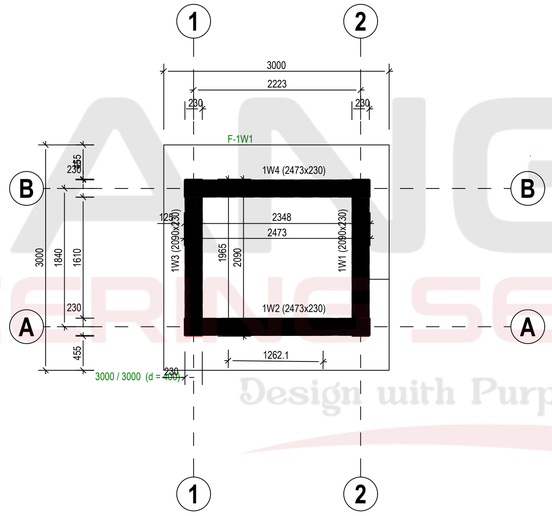
Drg. No. 02

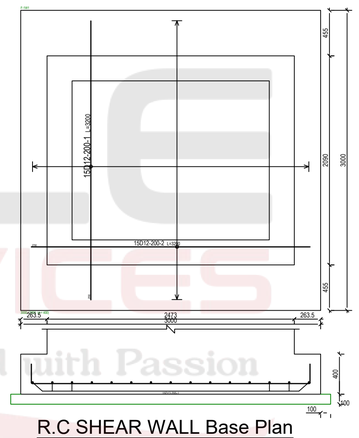
TRIANGLE ENGINEERING SERVICES
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R.C SLAB 150MM COVERING
SHEAR WALL Plan Detail Scale.
1:20





R.C SHEAR WALL Base Plan
Detail Scale. 1:20

FOUNDATION AND SHEAR WALL LAYOUT
Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT:
PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO.RUIRU WEST BLOCK 1/777,KIAMBU COUNTY.

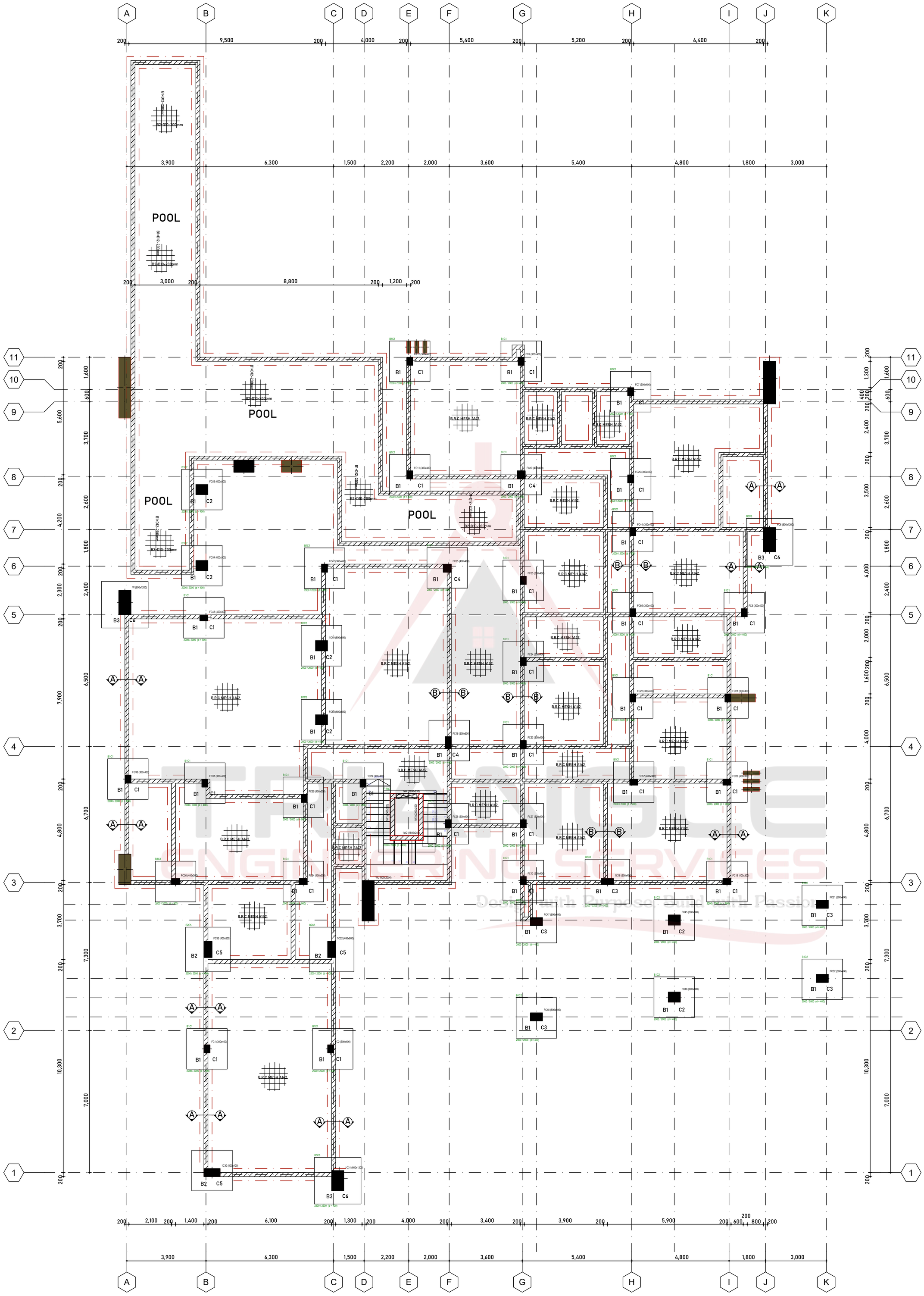
CLIENT:
COLLETA MUTHONI C/O ANDREW CHEGE KIBE AND LUCAS MURAYA KIBE.

TITLE:
ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
CHECKED BY:	*S.K*
DATE :	JULY, 2025
SCALE :	*As Shown.*

Drg. No.

TRIANGLE ENGINEERING SERVICES
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FOUNDATION AND COLUMN LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT:

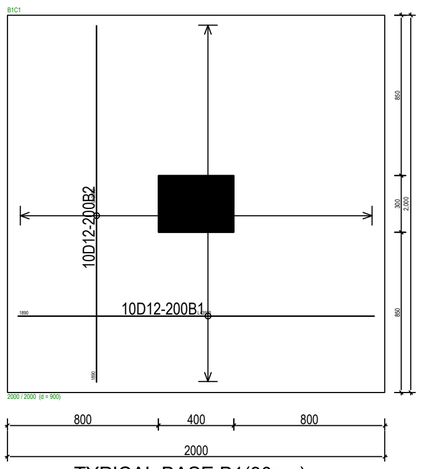
CLIENT:

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, & COLUMNS LAYOUT.

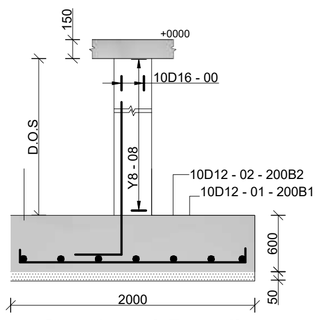
DRAWN BY:	*F.O*
CHECKED BY:	*S.K*
DATE :	AUGUST,2025
SCALE :	*As Shown.*

Drg. No.

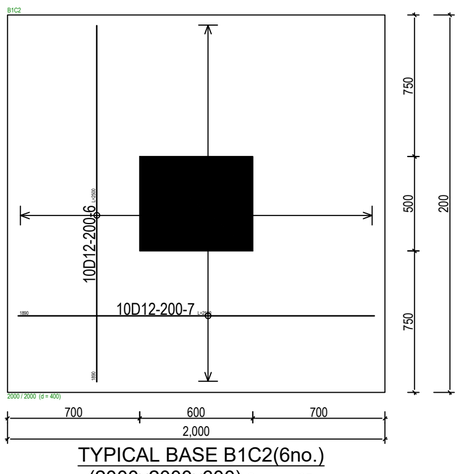
TRIANGLE ENGINEERING SERVICES
Design With Purpose, Build With Passion



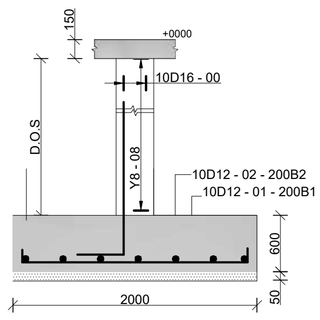
TYPICAL BASE B1(30no.)
(2000x2000x600) Scale. 1:25



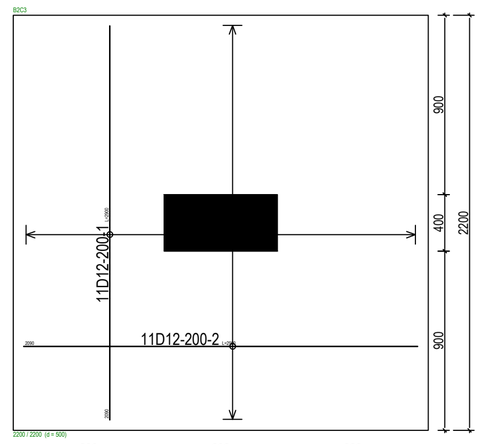
Sectional Detail
Scale. 1:25



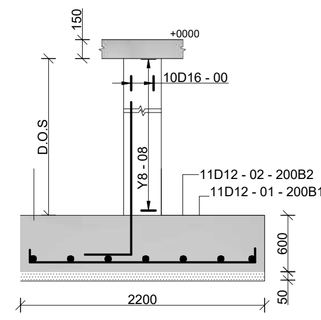
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(2000x2000x600) Scale. 1:25



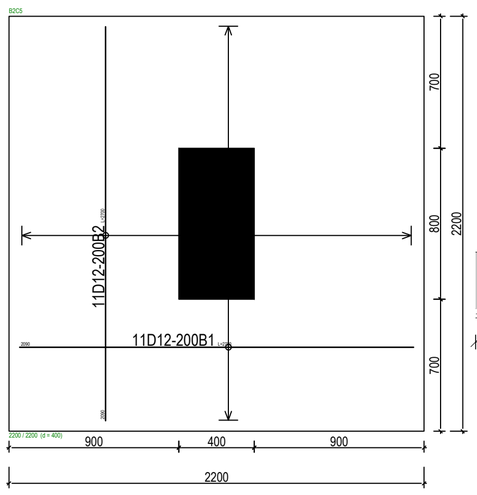
Sectional Detail
Scale. 1:25



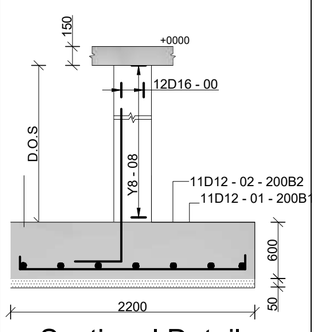
TYPICAL BASE B1C3(5no.)
(2200x2200x600) Scale. 1:25



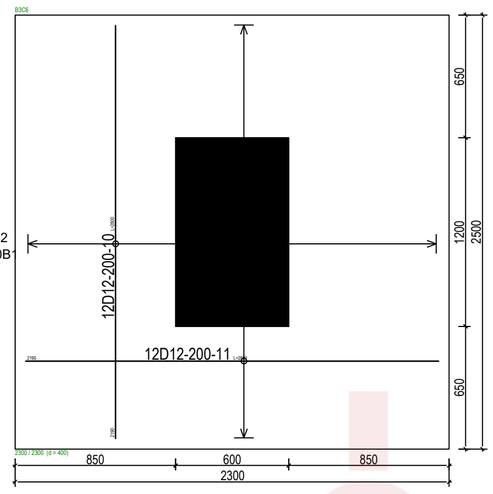
Sectional Detail
Scale. 1:25



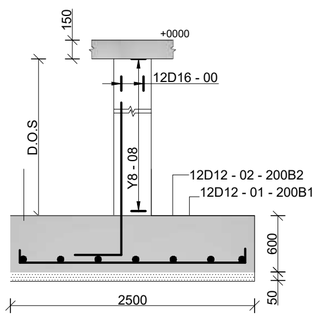
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(2200x2200x600) Scale. 1:25



Sectional Detail
Scale. 1:25

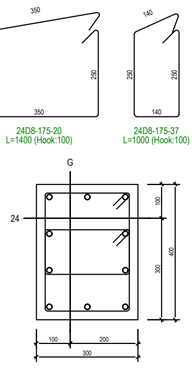


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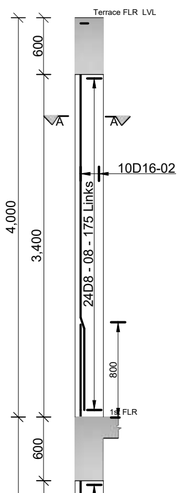


Sectional Detail
Scale. 1:25

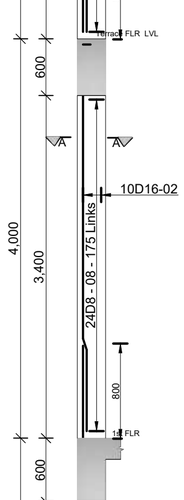




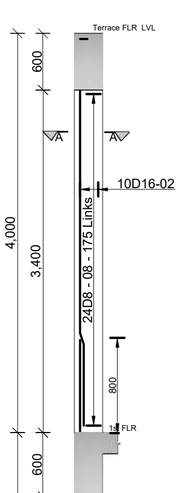




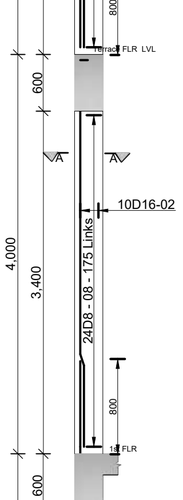
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300MMX400MM
Scale. 1:100



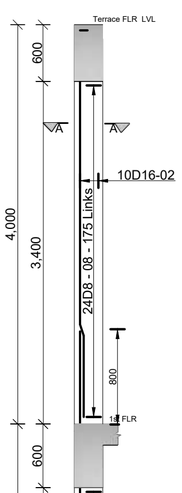
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Scale. 1:100



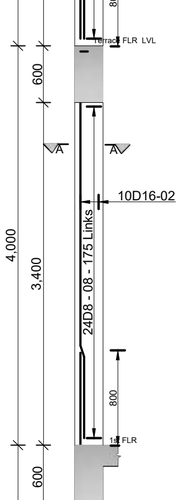
ColumnC2(2no.)
600MMX500MM
Scale. 1:100



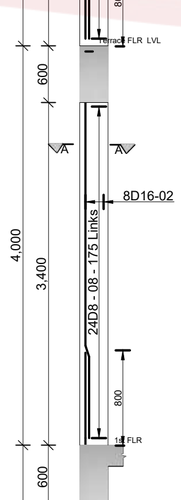
ColumnC2(2no.)
600MMX500MM
Scale. 1:100



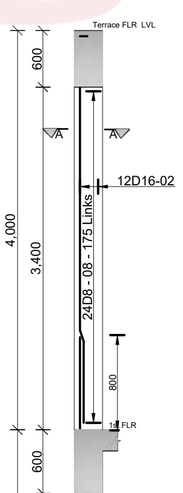
ColumnC3(2no.)
600MMX400MM
Scale. 1:100



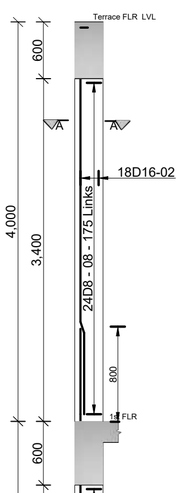
ColumnC3(2no.)
600MMX400MM
Scale. 1:100



ColumnC4(1no.)
400MMX400MM
Scale. 1:100



ColumnC5(3no.)
400MMX800MM
Scale. 1:100



ColumnC6(2no.)
600MMX1200MM
Scale. 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT:

CLIENT:

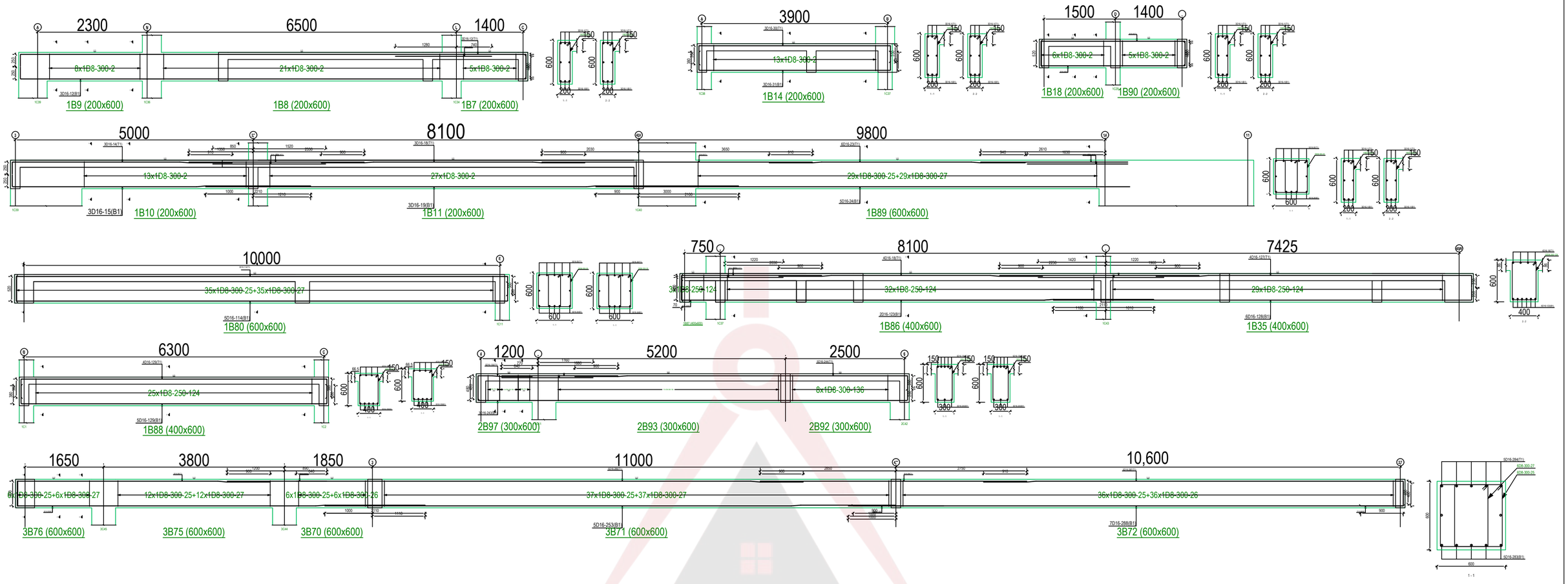
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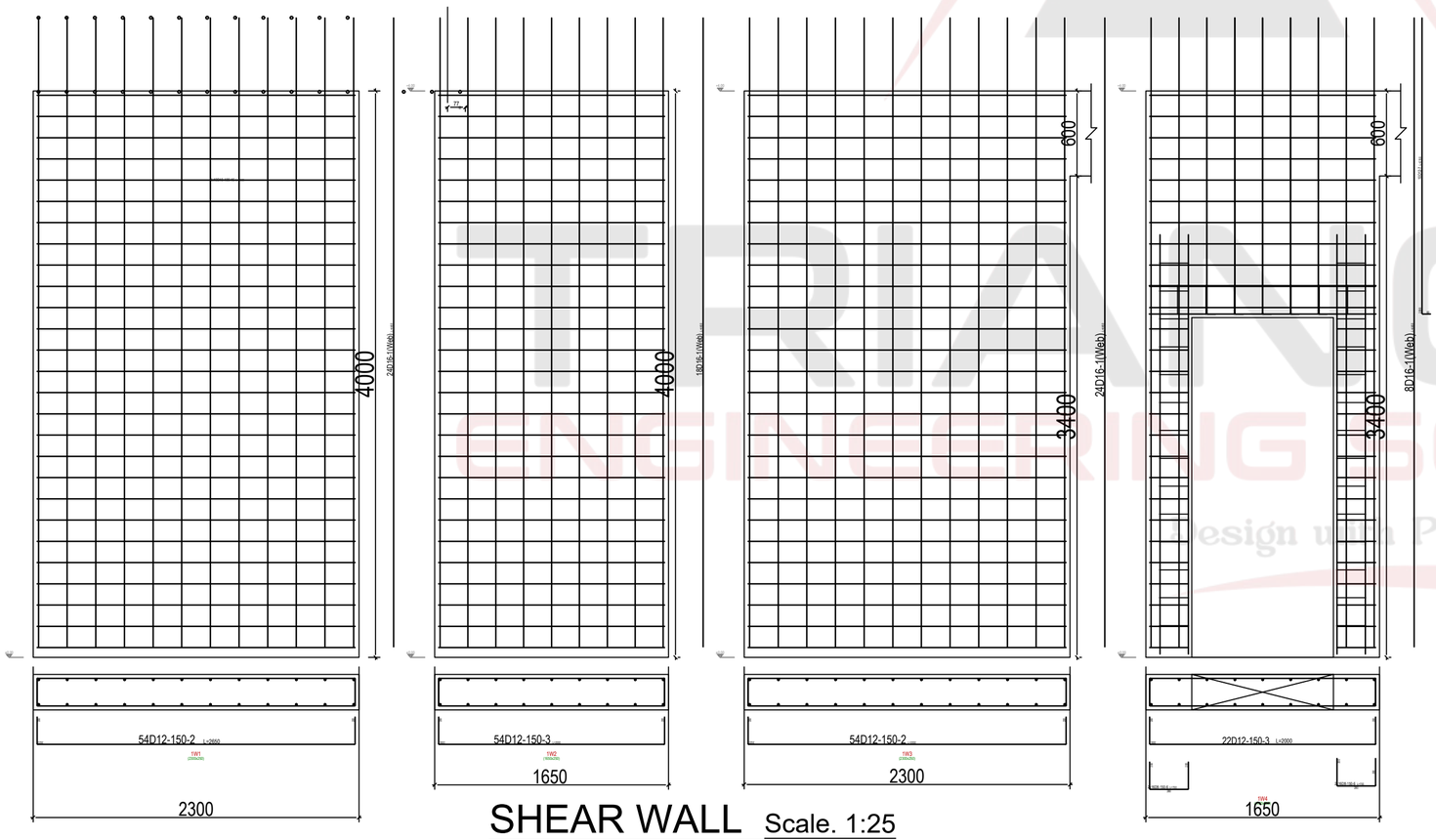
DRAWN BY:	*F.O*
CHECKED BY:	*S.K*
DATE :	AUGUST,2025
SCALE :	*As Shown.*

Drg. No.

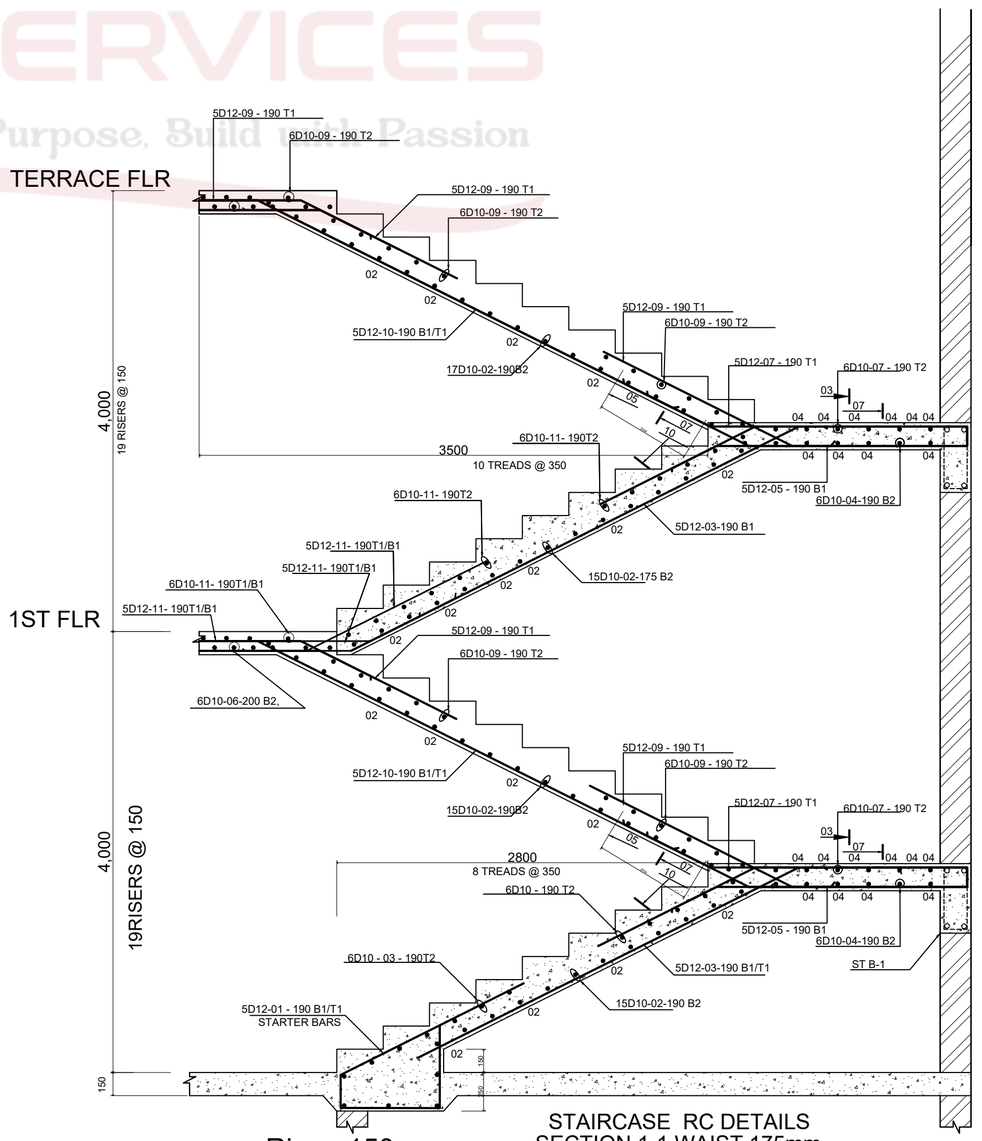
TRANGLE ENGINEERING SERVICES
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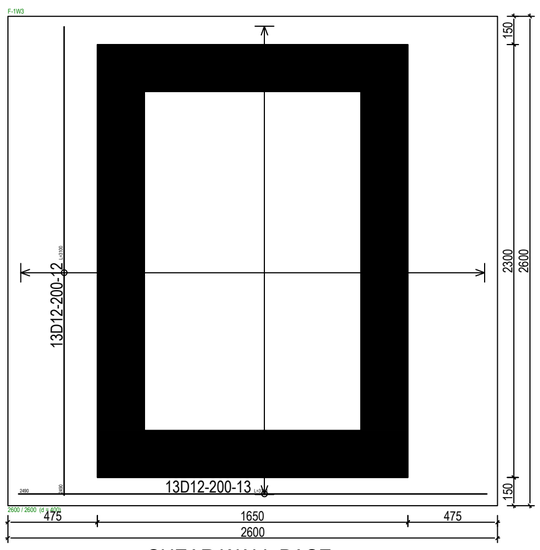


SHEAR WALL Scale. 1:25

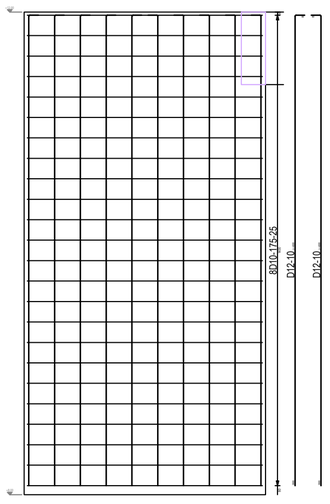


STAIRCASE RC DETAILS
SECTION 1-1 WAIST 175mm
SCALE: 1:25

Riser: 150mm
Treads: 380mm



SHEAR WALL BASE
(2600x2600x600) Scale. 1:25



Pool RC Dtetails Scale. 1:25

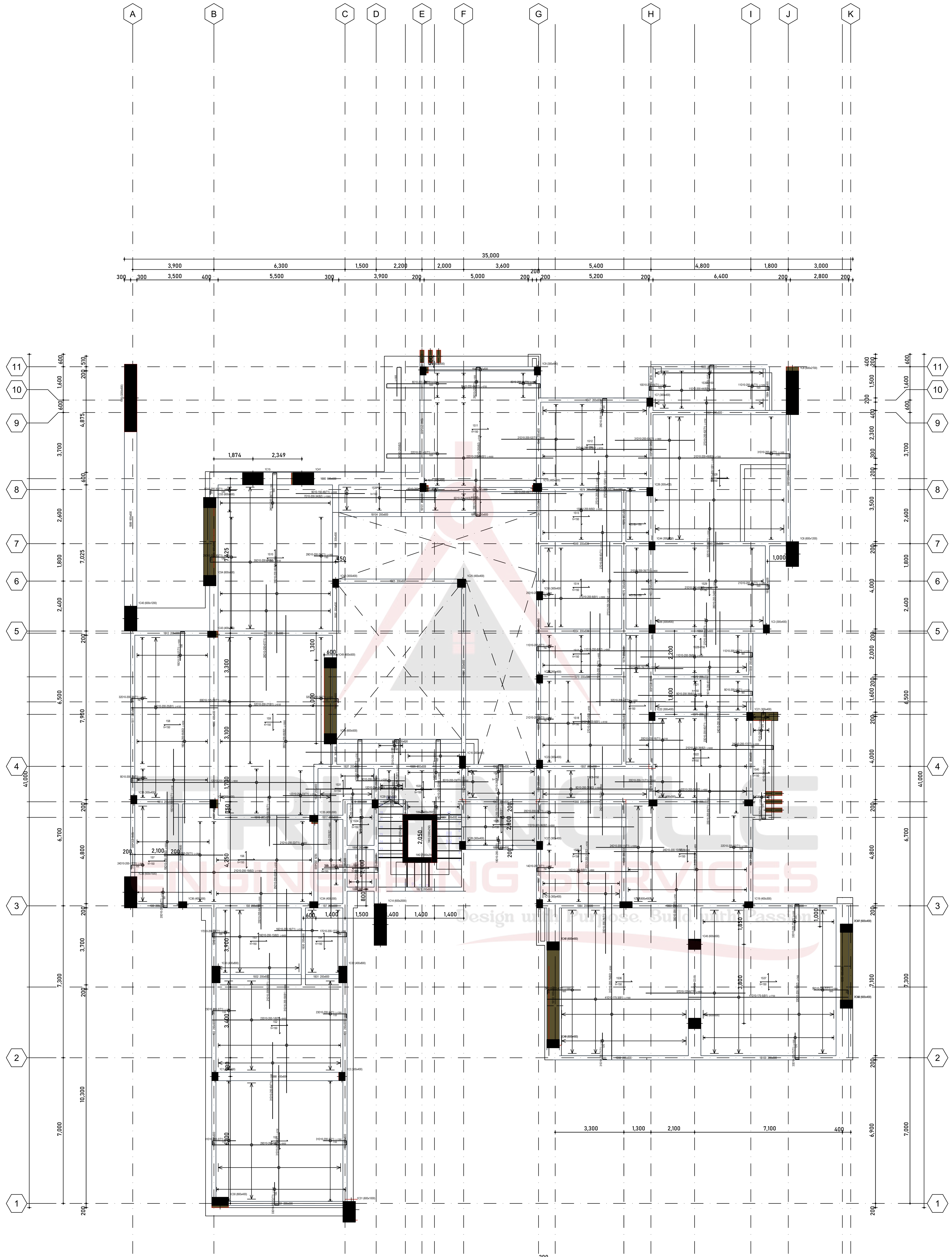
MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
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PROJECT:	
CLIENT:	
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.
DRAWN BY:	F.O
CHECKED BY:	S.K
DATE :	AUGUST,2025
SCALE :	As Shown.
Drg. No.	

TRIANGLE ENGINEERING SERVICES
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1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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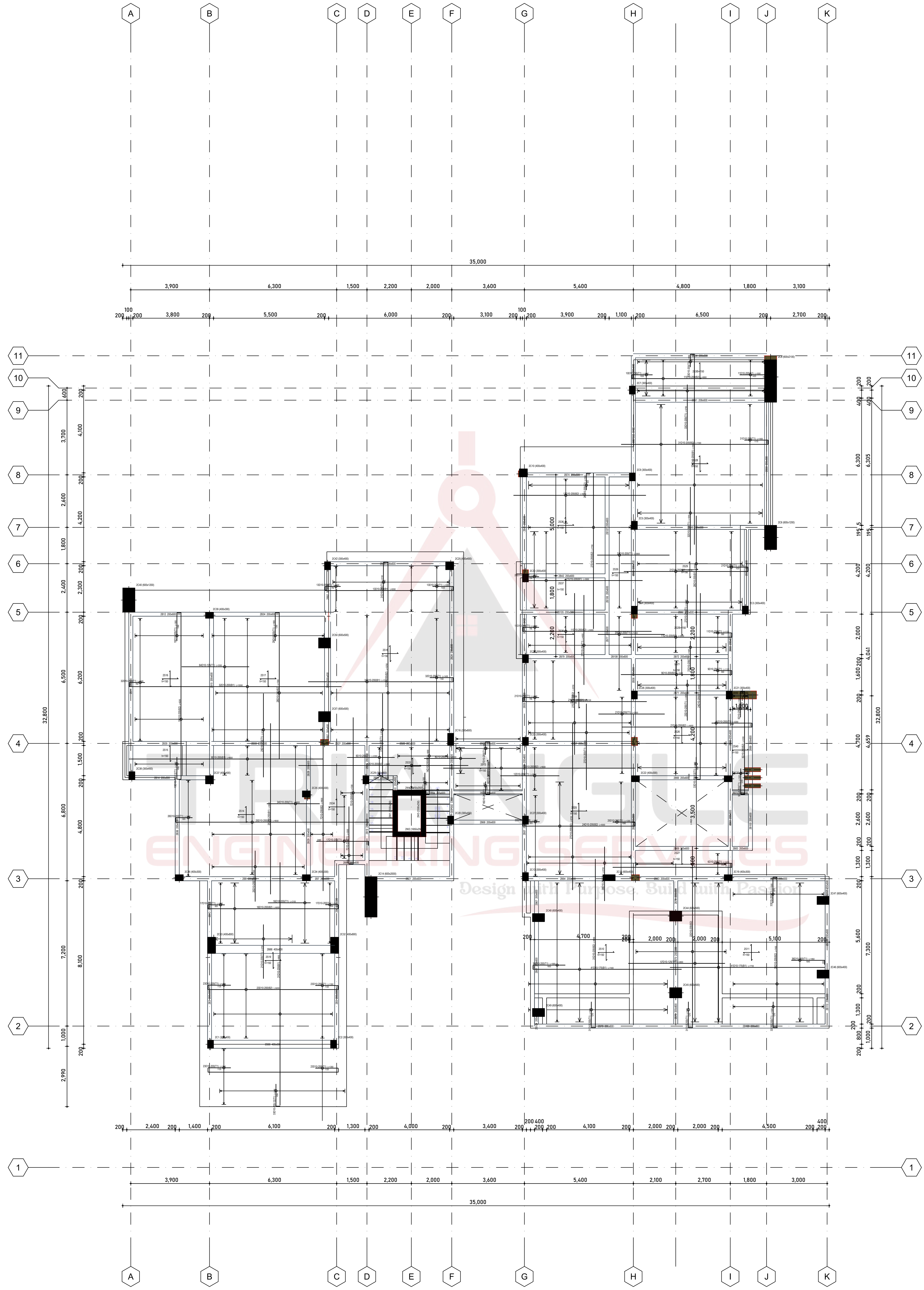
PROJECT:

CLIENT:

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	F.O
CHECKED BY:	S.K
DATE :	AUGUST,2025
SCALE :	As Shown.

Drg. No.



TERRACE FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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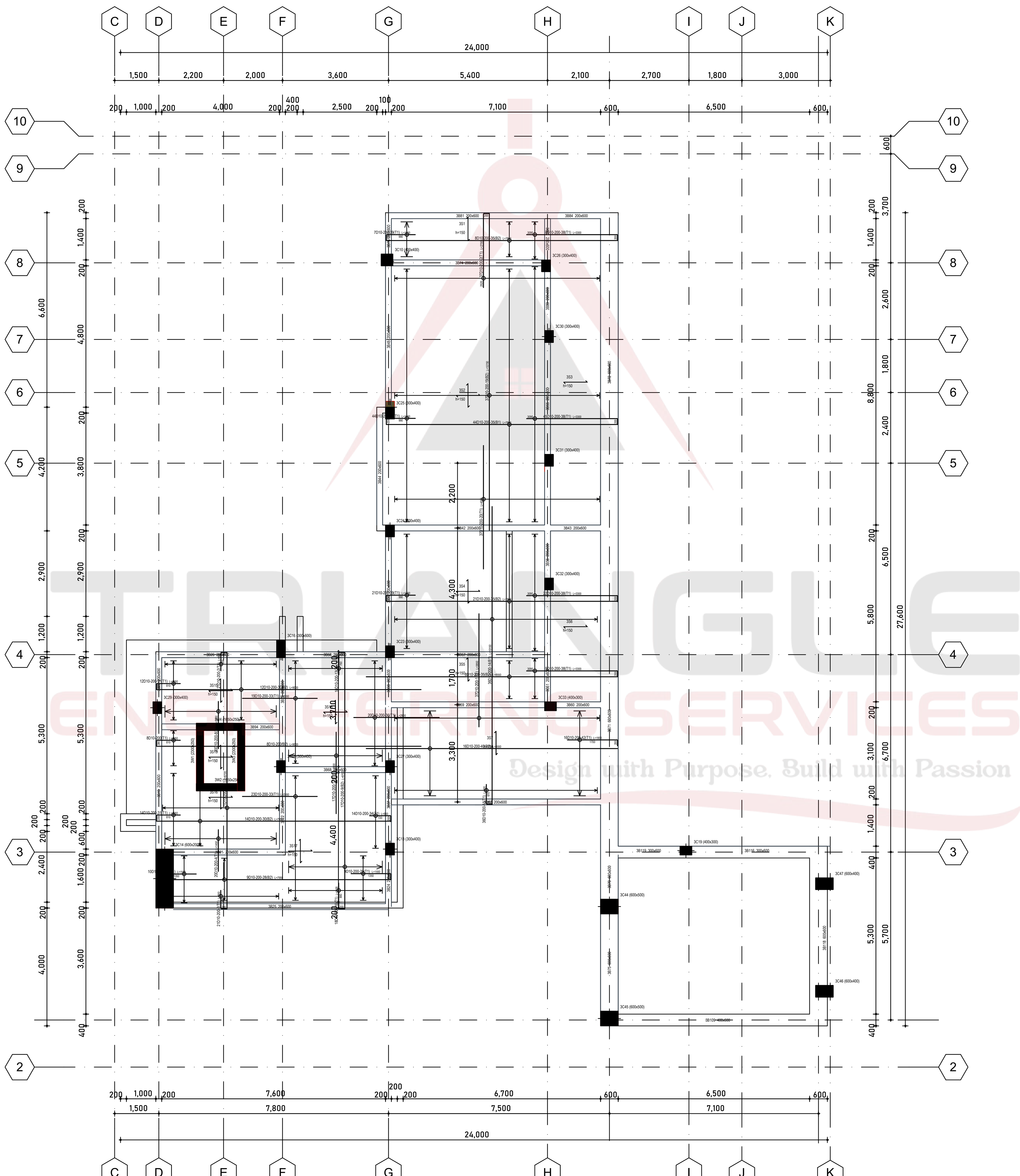
PROJECT:

CLIENT:

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	F.O
CHECKED BY:	S.K
DATE :	AUGUST,2025
SCALE :	As Shown.

Drg. No.



TRIANGLE
ENGINEERING SERVICES
Design with Purpose. Build with Passion

ROOF TOP 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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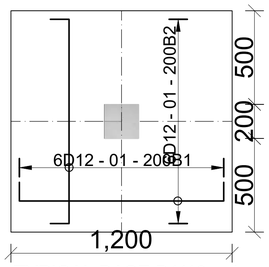
PROJECT:

CLIENT:

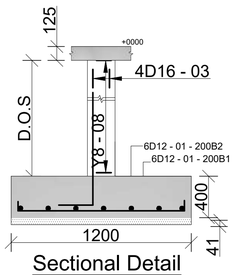
TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

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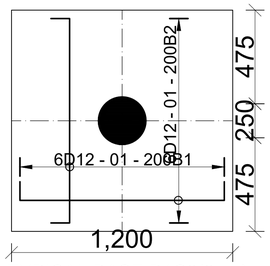
Drg. No.



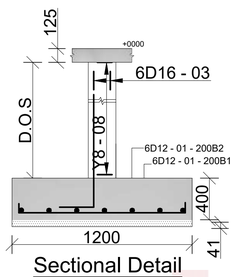
TYPICAL BASE B1(19no.)
(1200x1200x400) Scale. 1:25



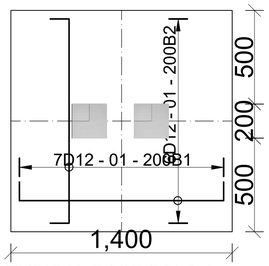
Sectional Detail
Scale. 1:25



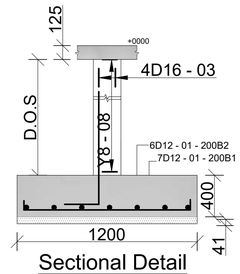
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(1200x1200x400) Scale. 1:25



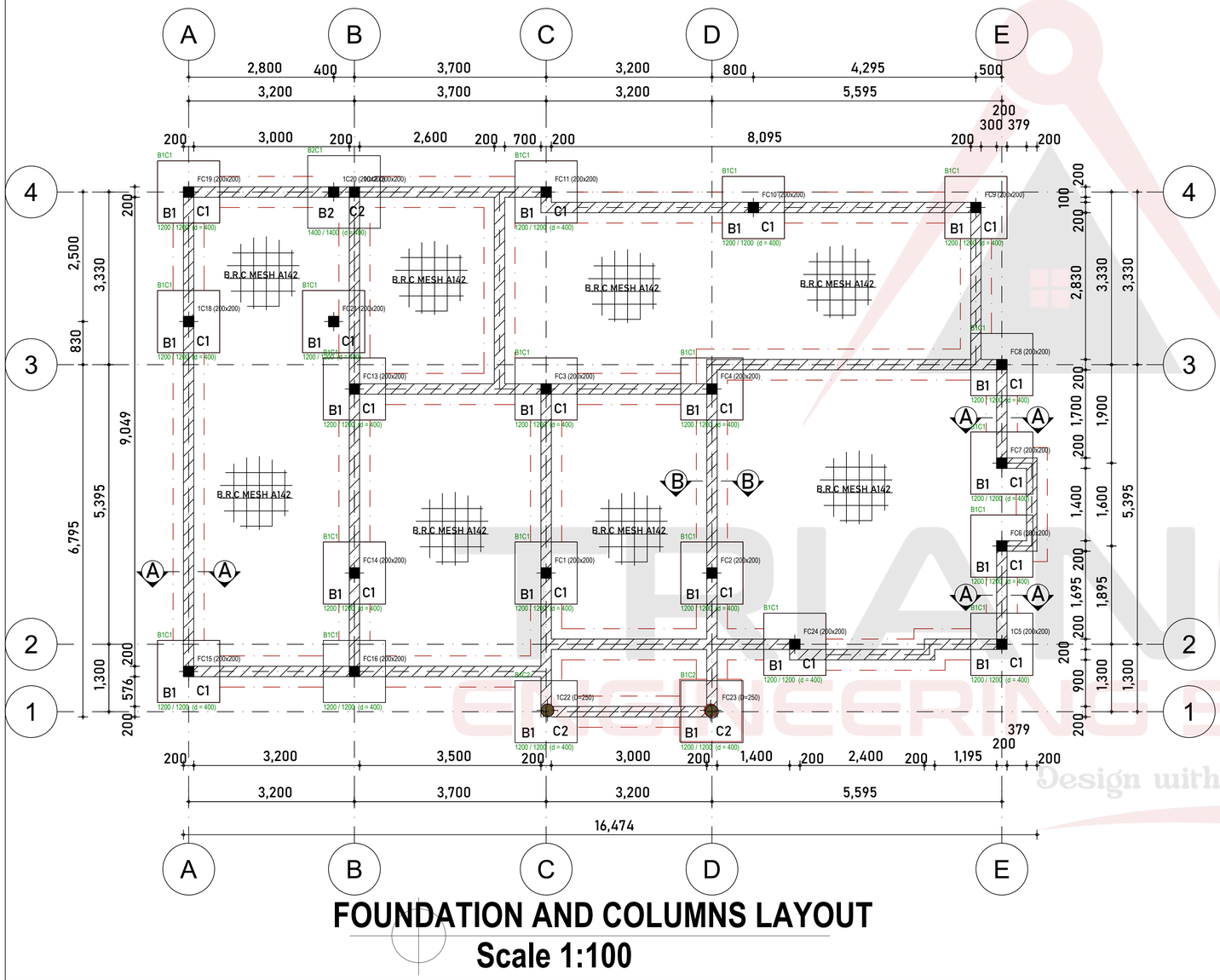
Sectional Detail
Scale. 1:25



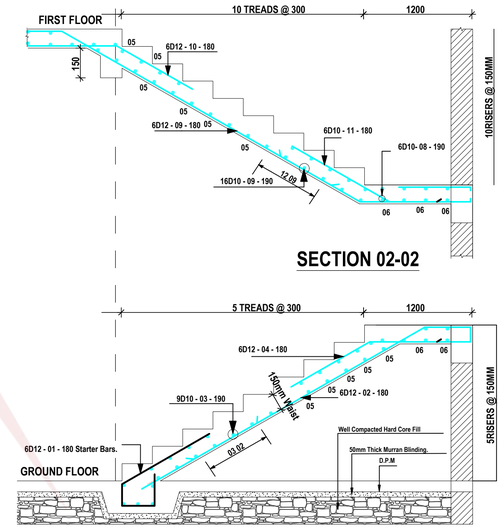
TYPICAL BASE B2C2(1no.)
(1400x1200x400) Scale. 1:25



Sectional Detail
Scale. 1:25



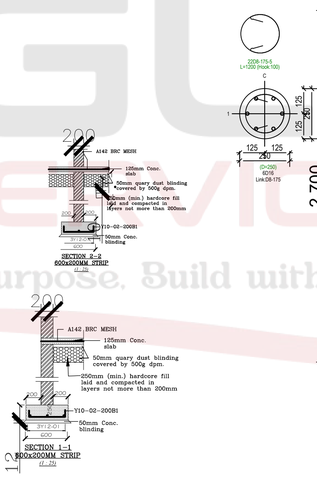
FOUNDATION AND COLUMNS LAYOUT
Scale 1:100



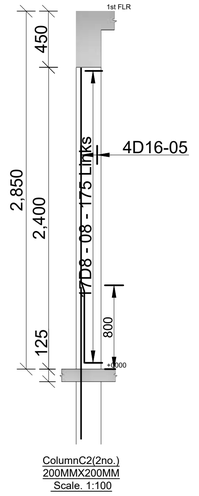
SECTION 02-02

SECTION 01-01

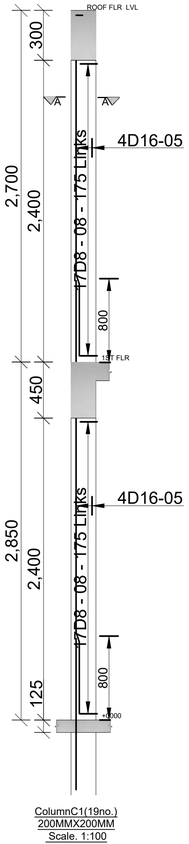
SCALE 1:100



ColumnC2(10no.)
D=250MM
Scale. 1:100



ColumnC2(2no.)
200MMX200MM
Scale. 1:100



ColumnC1(19no.)
200MMX200MM
Scale. 1:100

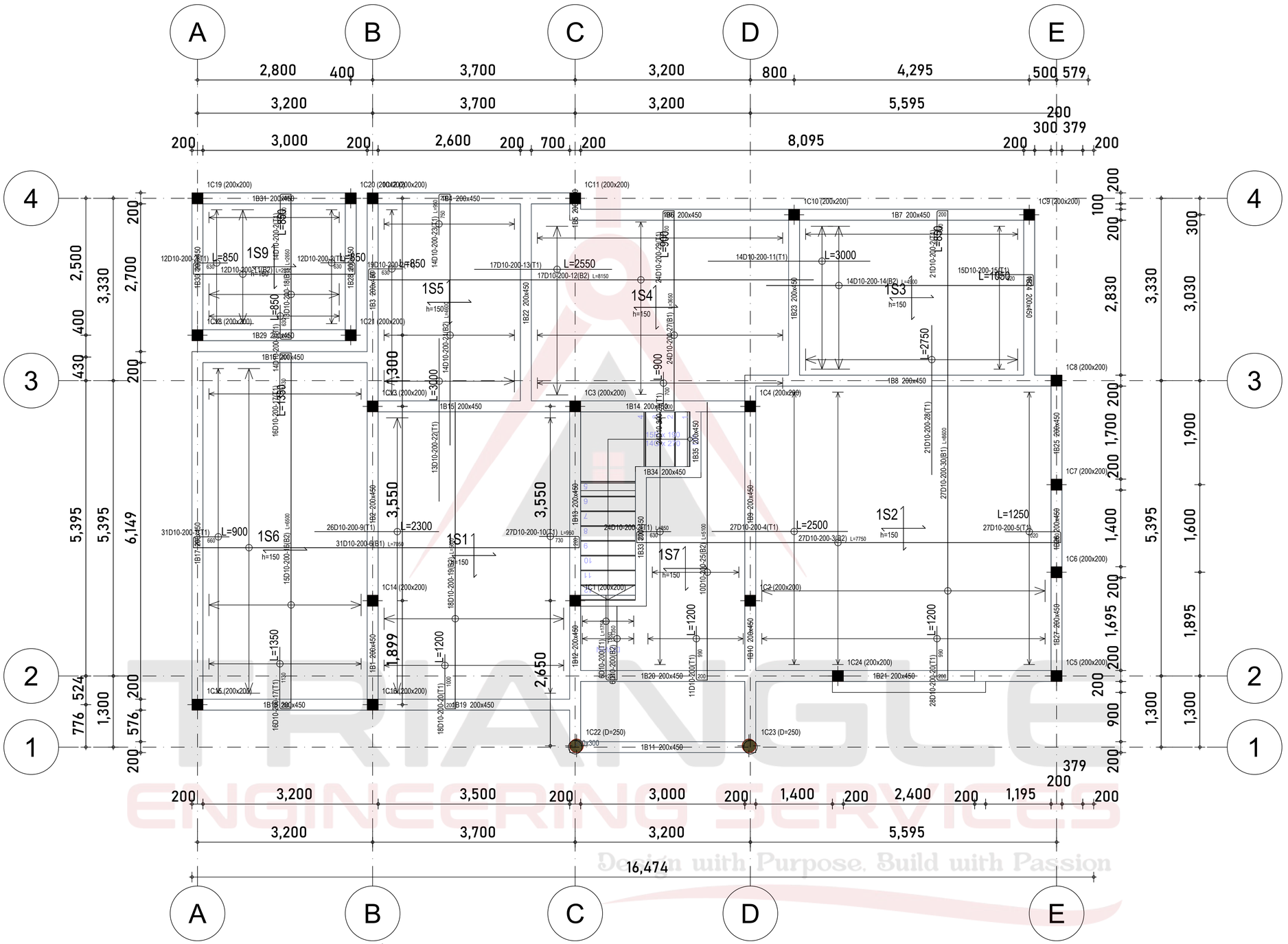
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PROJECT:	PROPOSED BUILDING OF A MAISIONATTE IN KIAMBU COUNTY.	DRAWN BY: *F.O*
		CHECKED BY:
		DATE : AUGUST,2025
CLIENT:	JOSEPH MUCHINA.	SCALE : *As Shown.*
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.	**Drg. No.**

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion



1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

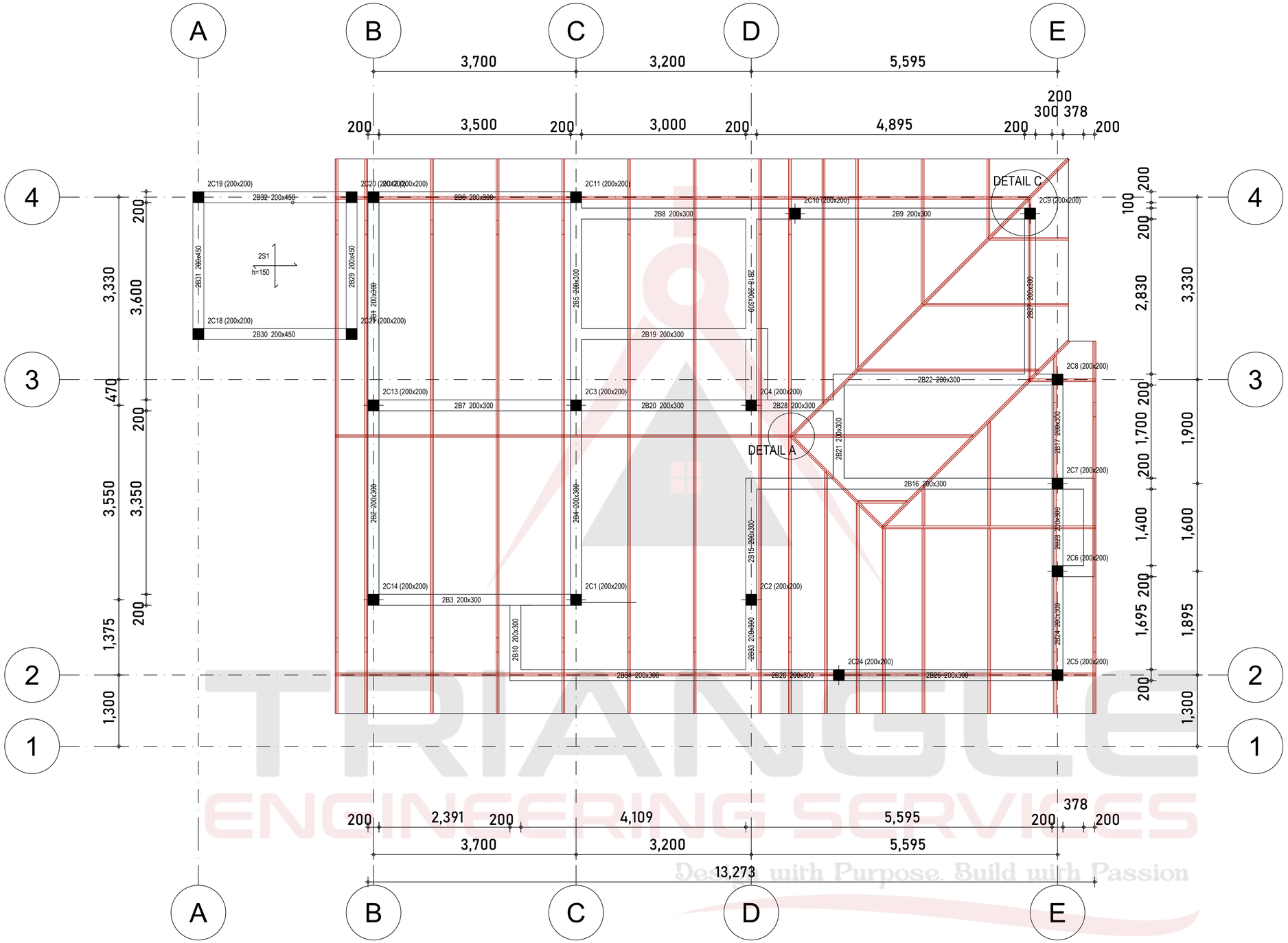
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CLIENT:	JOSEPH MUCHINA
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
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SCALE :	*As Shown.*
Drg. No.	

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion



ROOF PLAN AND BEAM LAYOUT

Scale 1:100

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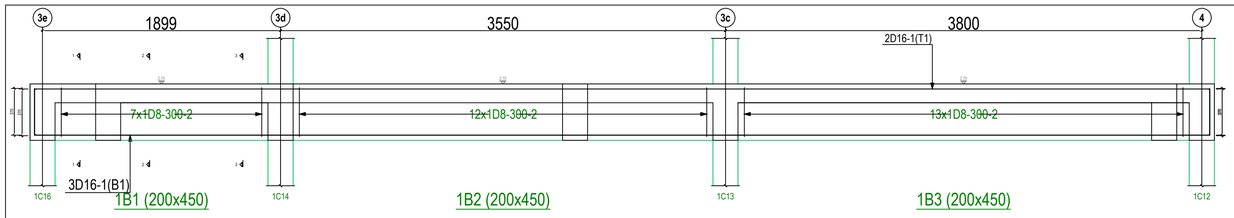
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Drg. No.	

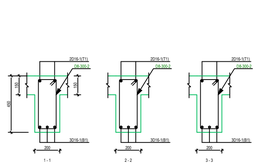
TRIANGLE ENGINEERING SERVICES
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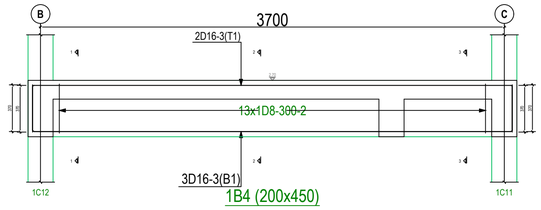


1B1 (200x450)

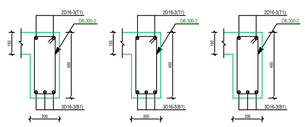
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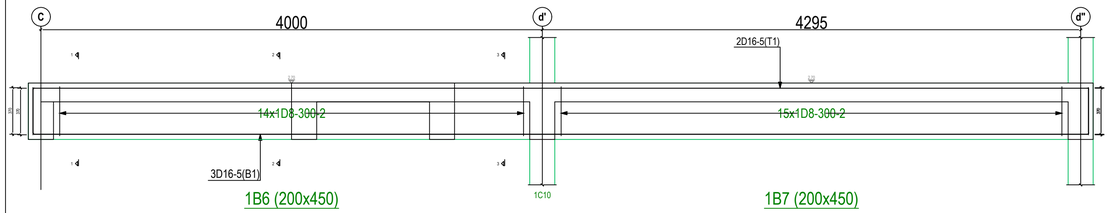
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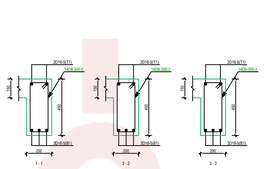
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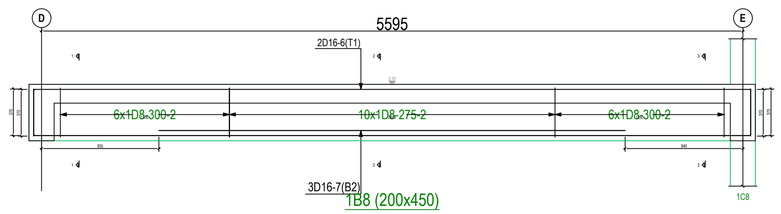




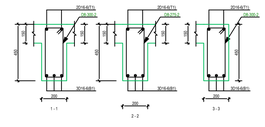
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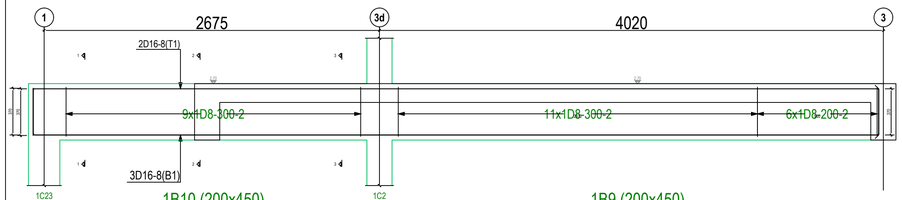
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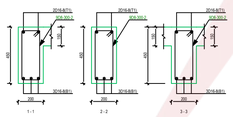
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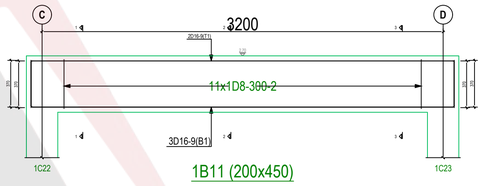




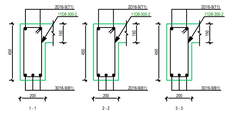
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1B9 (200x450)

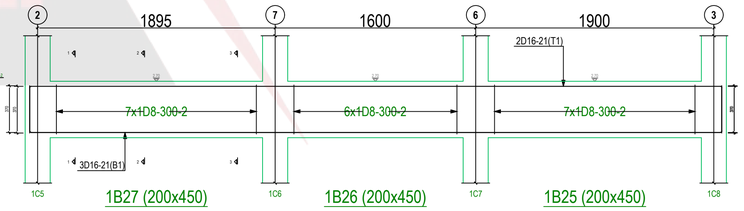




1B11 (200x450)



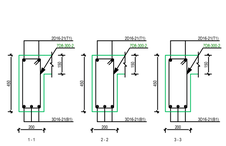
1C9

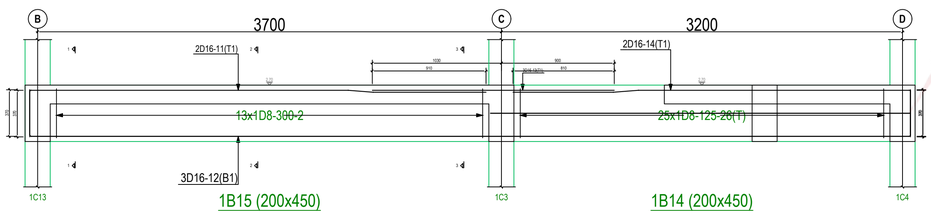


1B27 (200x450)

1B26 (200x450)

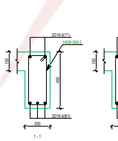
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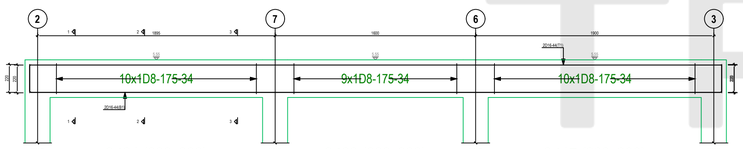




1B15 (200x450)

1B14 (200x450)

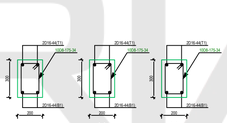


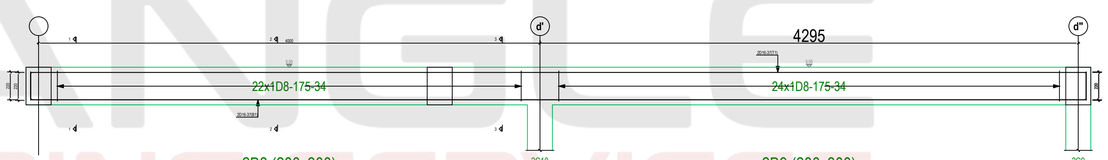


2B24 (200x300)

2B23 (200x300)

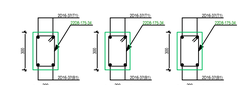
2B17 (200x300)





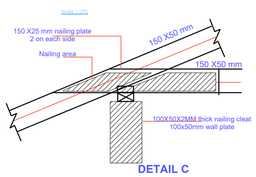
2B8 (200x300)

2B9 (200x300)



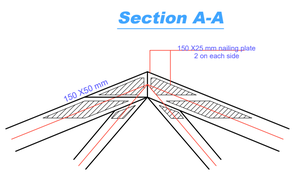
ROOF TRUSSES MEMBERS

External members - 150x50
Internal members - 100x50
Hip & Valley rafters - 150x50
Common rafters - 150x50 @ 1200C/C
Underpurlins - 150x50

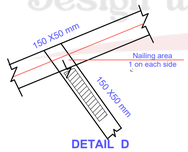


DETAIL C
(SCALE 1: 20)

Section C-C



DETAIL A



DETAIL D
(SCALE 1: 20)

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT: PROPOSED BUILDING OF A MAISONATTE IN KIAMBU COUNTY.

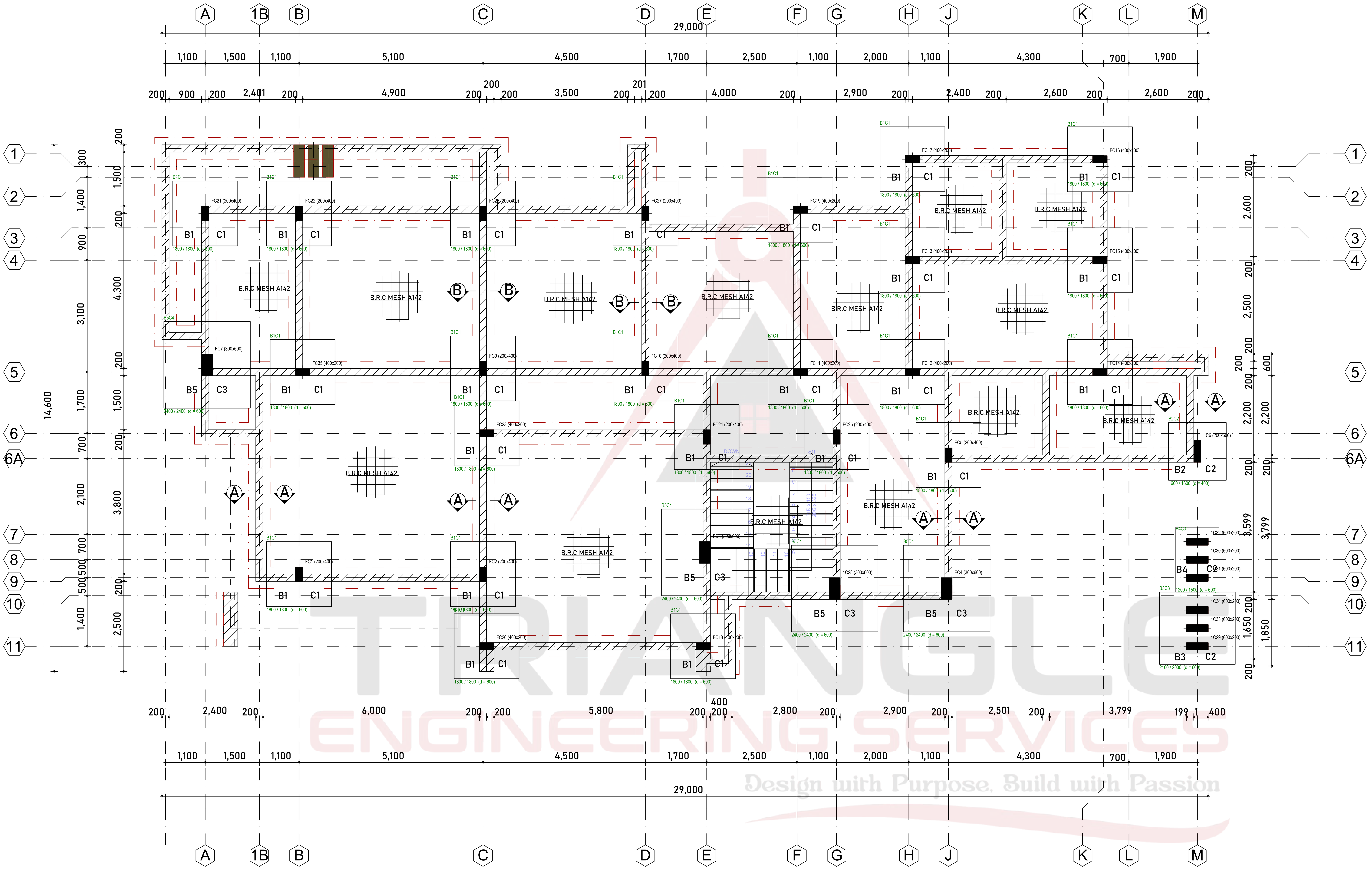
CLIENT: JOSEPH MUCHINA

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
CHECKED BY:	
DATE :	AUGUST,2025
SCALE :	*As Shown.*

Drg. No.

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion



FOUNDATION AND COLUMNS LAYOUT
Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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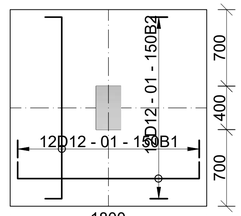
PROJECT: PROPOSED 6 BEDROOM VILLA ON STAND NO.614 LOW DENSITY MUTOKO TOWNSHIP,MUTOKO RDC.

CLIENT: MR. WALTER MAMBINYA

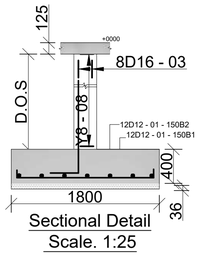
TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	F.0
CHECKED BY:	
DATE :	AUGUST,2025
SCALE :	As Shown.

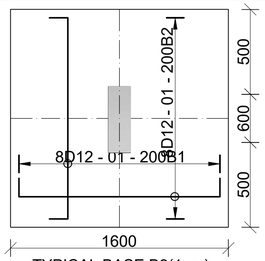
Drg. No.



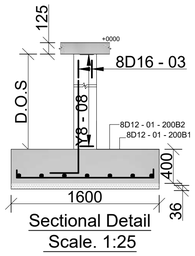
TYPICAL BASE B1(23no.)
(1800x1800x600) Scale. 1:25



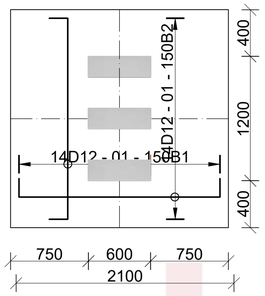
Sectional Detail
Scale. 1:25



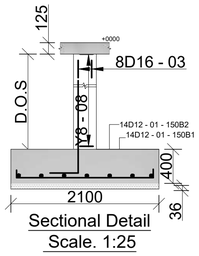
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(1600x1600x400) Scale. 1:25



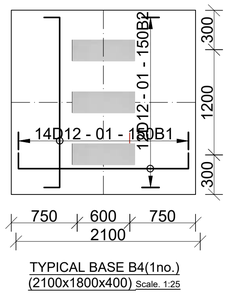
Sectional Detail
Scale. 1:25



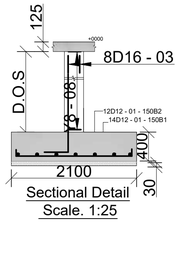
TYPICAL BASE B3(1no.)
(2100x2000x400) Scale. 1:25



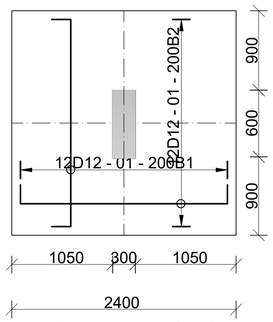
Sectional Detail
Scale. 1:25



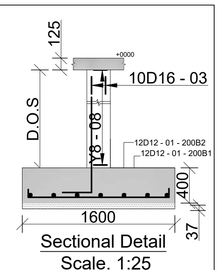
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(2100x1800x400) Scale. 1:25



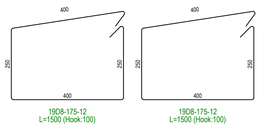
Sectional Detail
Scale. 1:25

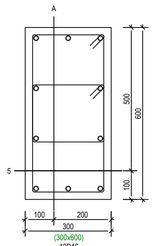


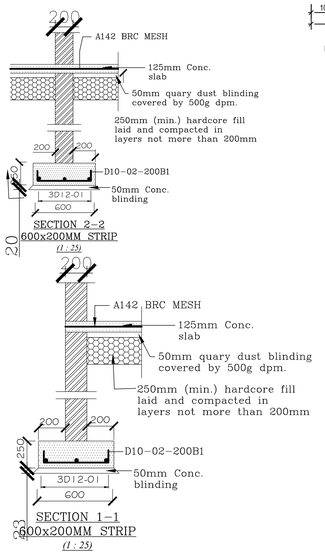
TYPICAL BASE B5(4no.)
2400x2400x400) Scale. 1:25

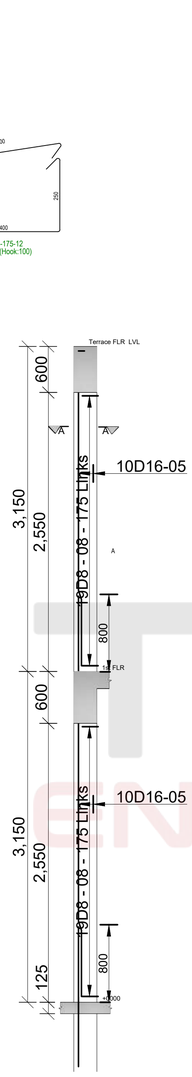


Sectional Detail
Scale. 1:25

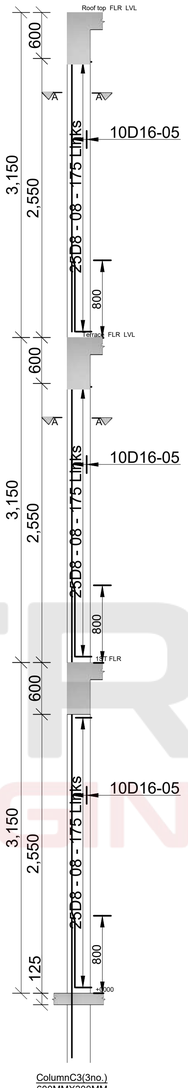




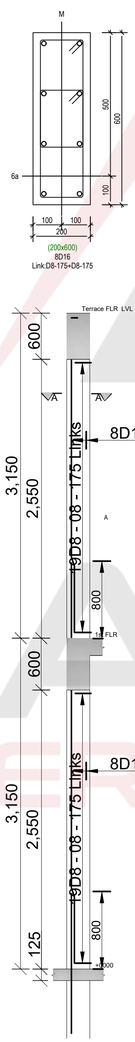




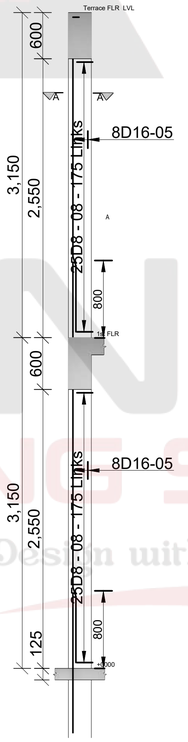
ColumnC3(1no.)
600MMX300MM
Scale. 1:100



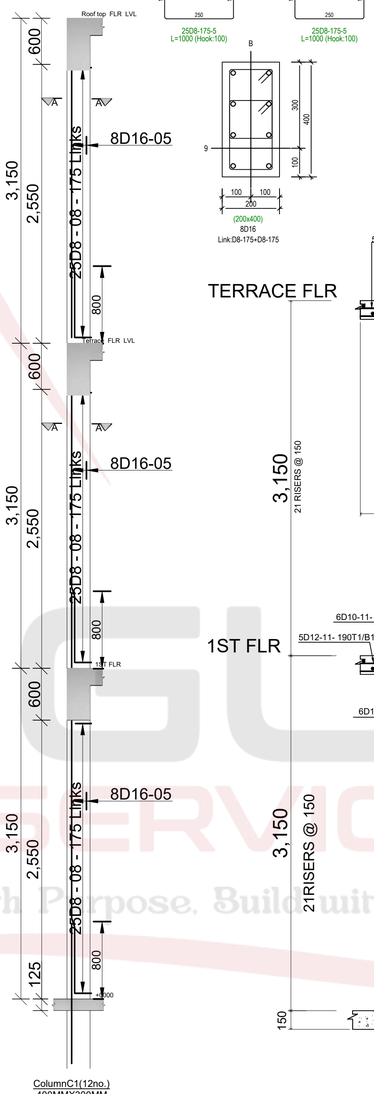
ColumnC3(3no.)
600MMX300MM
Scale. 1:100



ColumnC2(7no.)
600MMX200MM
Scale. 1:100



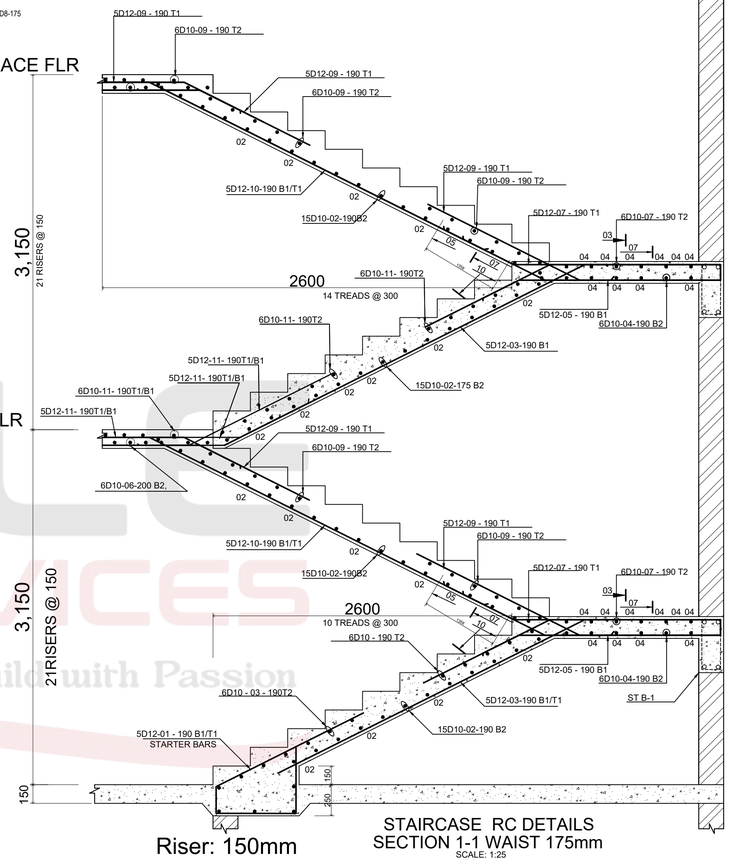
ColumnC1(10no.)
400MMX300MM
Scale. 1:100



ColumnC1(12no.)
400MMX300MM
Scale. 1:100

TERRACE FLR

1ST FLR



Riser: 150mm
Treads: 300mm

STAIRCASE RC DETAILS
SECTION 1-1 WAIST 175mm
SCALE: 1:25

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

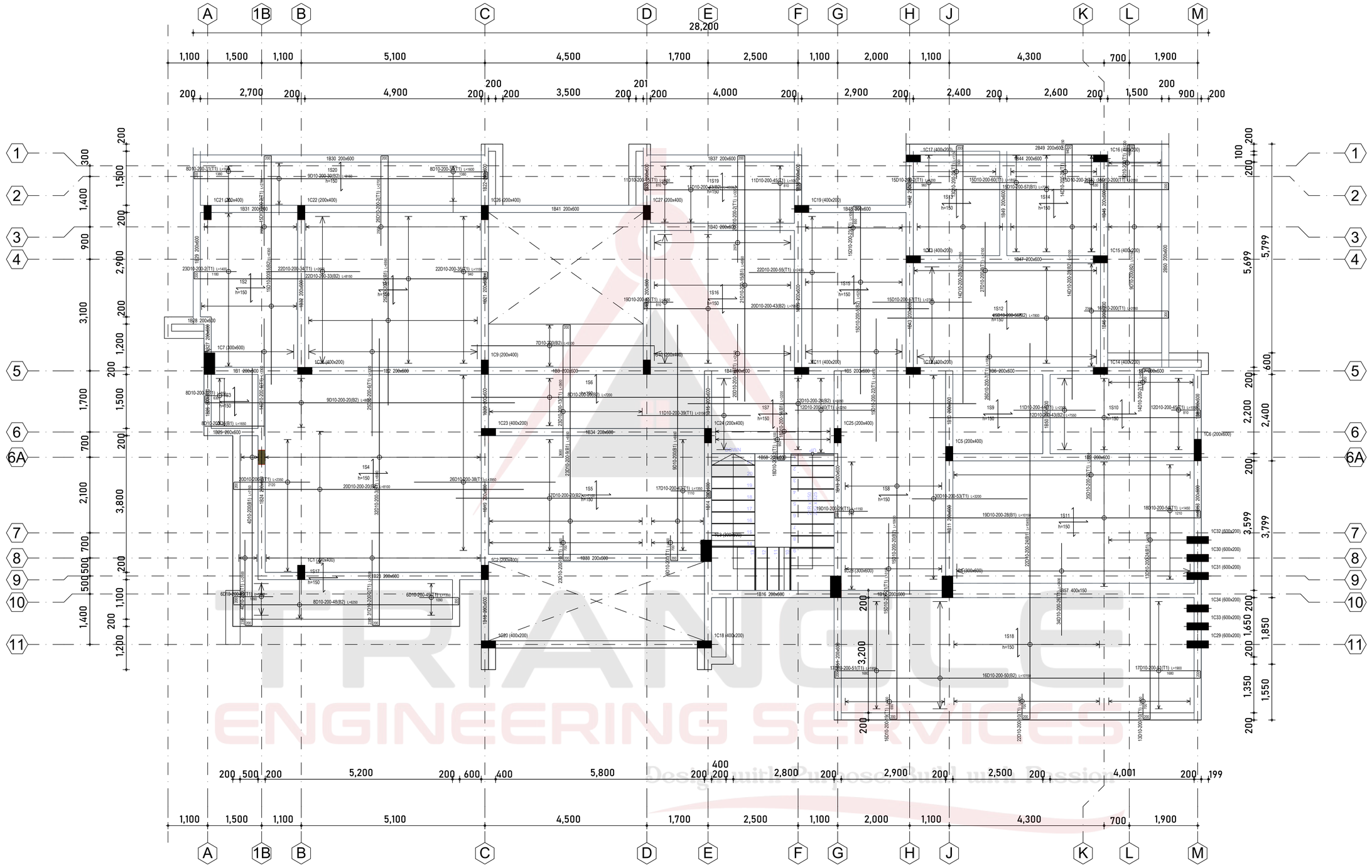
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PROJECT:	PROPOSED 6 BEDROOM VILLA ON STAND NO.614 LOW DENSITY MUTOKO TOWNSHIP,MUTOKO RDC.
CLIENT:	MR. WALTER MAMBINYA
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
CHECKED BY:	
DATE :	AUGUST,2025
SCALE :	*As Shown.*
Drg. No.	

TRIANGLE ENGINEERING SERVICES
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1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

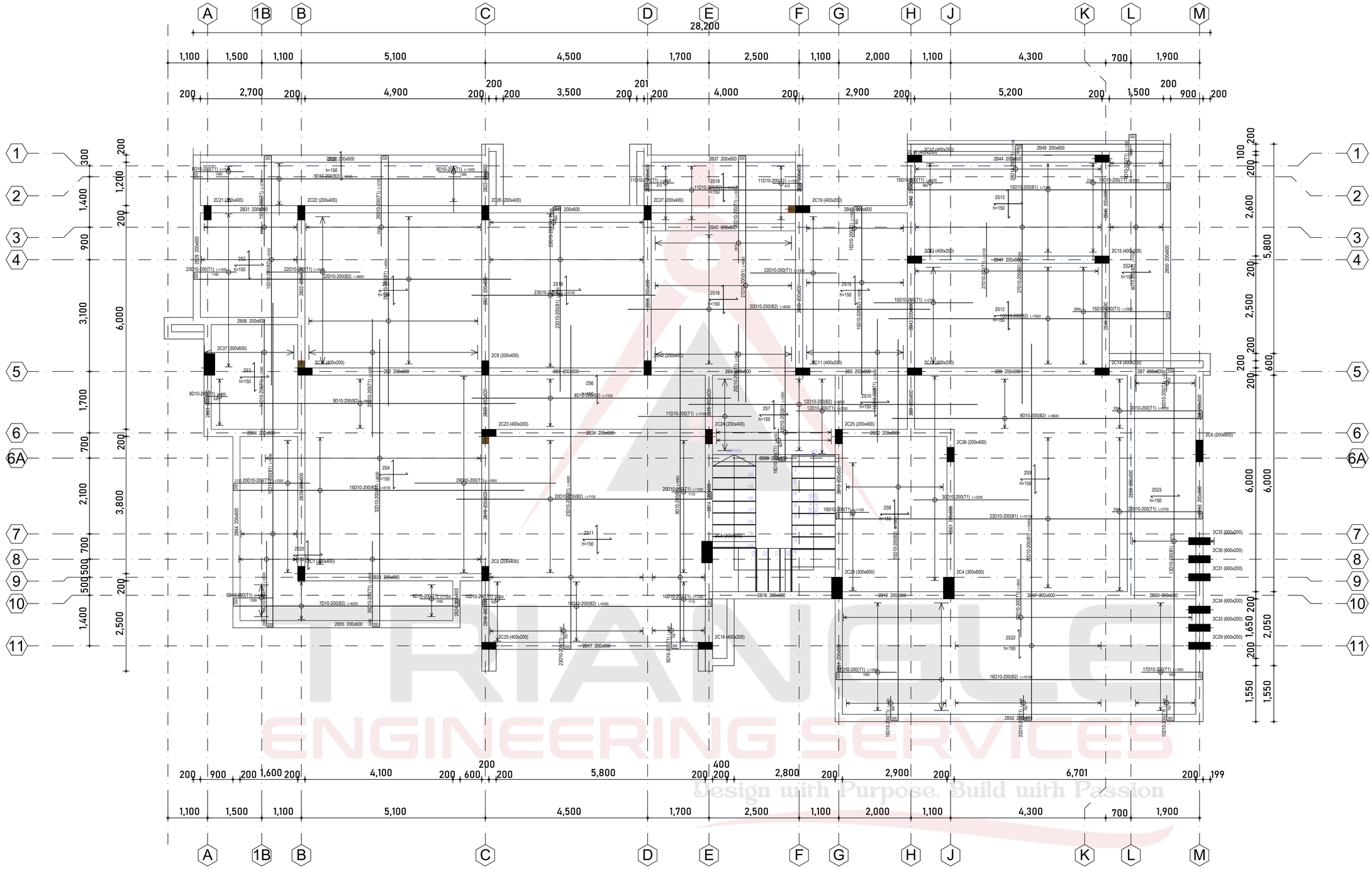
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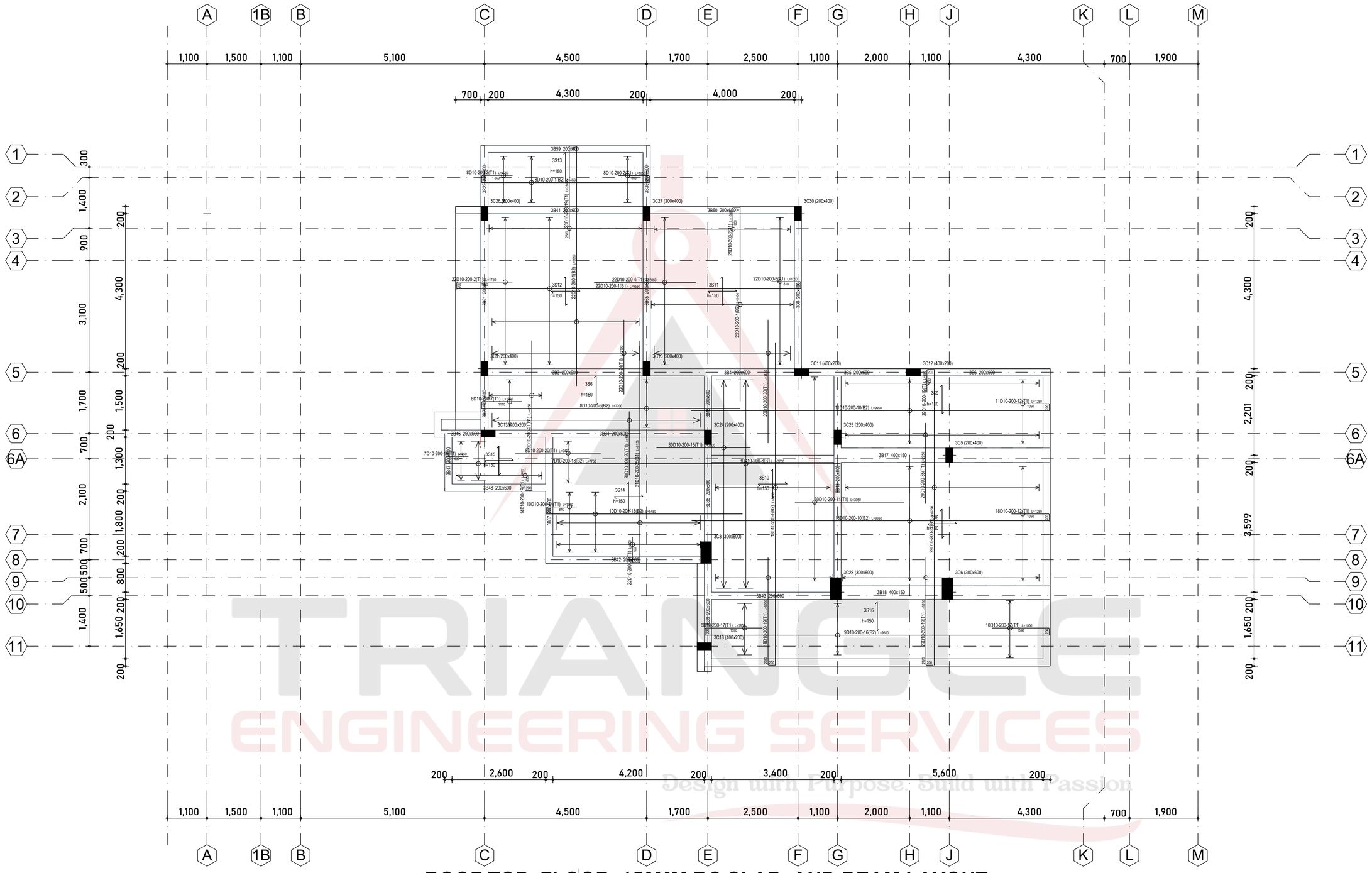
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TRIANGLE ENGINEERING SERVICES
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ROOF TOP FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

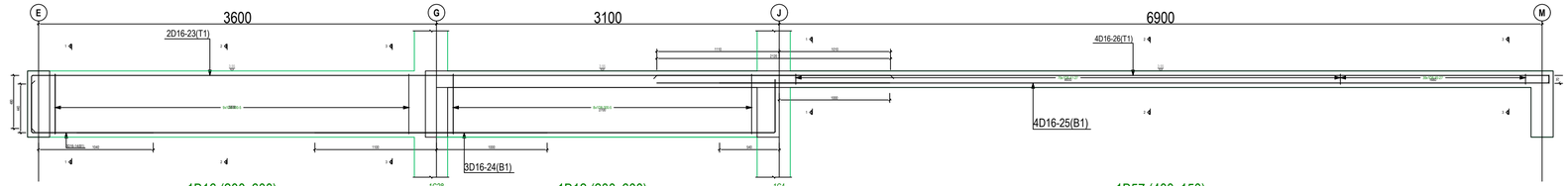
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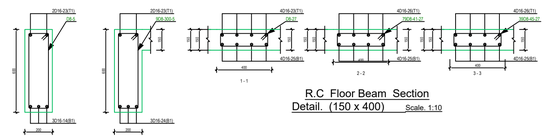
PROJECT:	PROPOSED 6 BEDROOM VILLA ON STAND NO.614 LOW DENSITY MUTOKO TOWNSHIP,MUTOKO RDC.
CLIENT:	MR. WALTER MAMBINYA
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TRIANGLE ENGINEERING SERVICES
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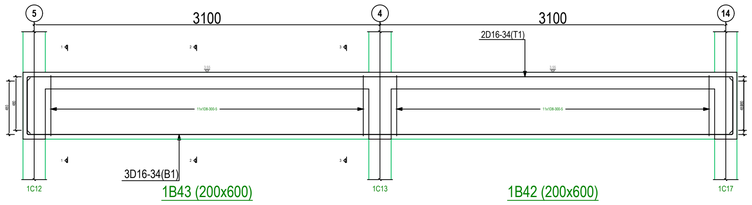


1B16 (200x600) 1B12 (200x600) 1B57 (400x150)

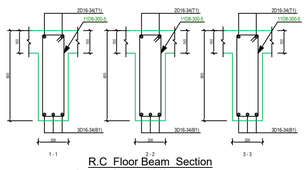


R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10

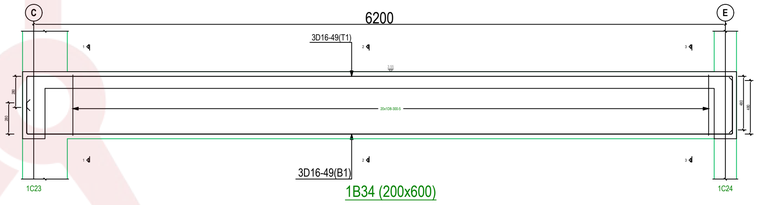
R.C Floor Beam Section
Detail. (150 x 400) Scale. 1:10



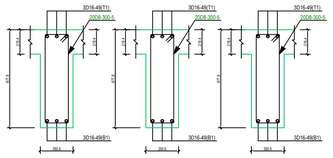
1B43 (200x600) 1B42 (200x600)



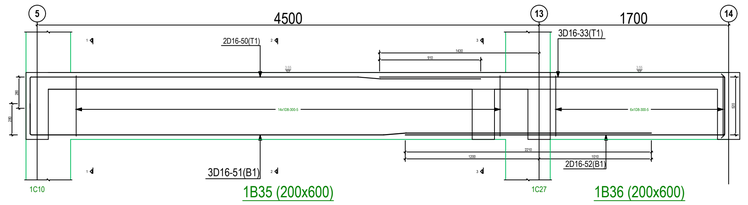
R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10



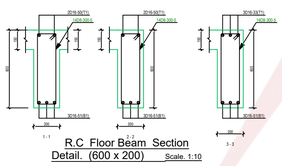
1B34 (200x600)



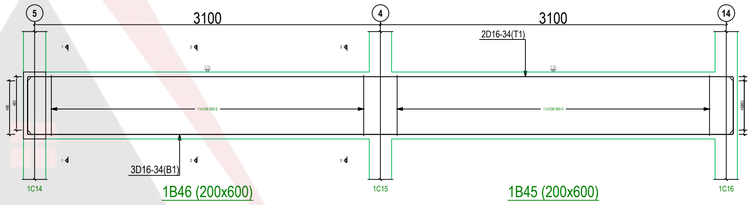
R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10



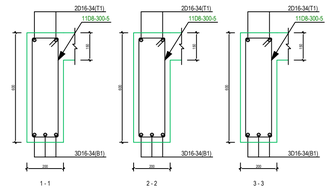
1B35 (200x600) 1B36 (200x600)



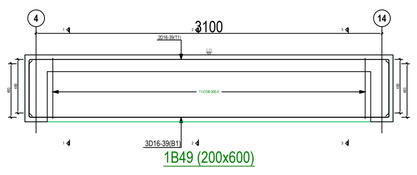
R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10



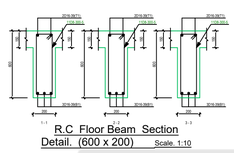
1B46 (200x600) 1B45 (200x600)



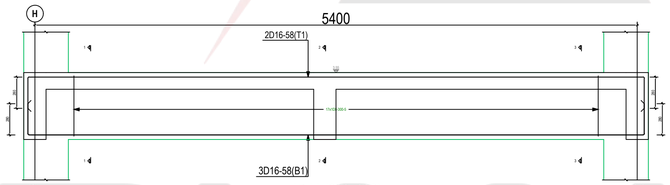
R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10



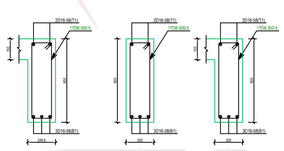
1B49 (200x600)



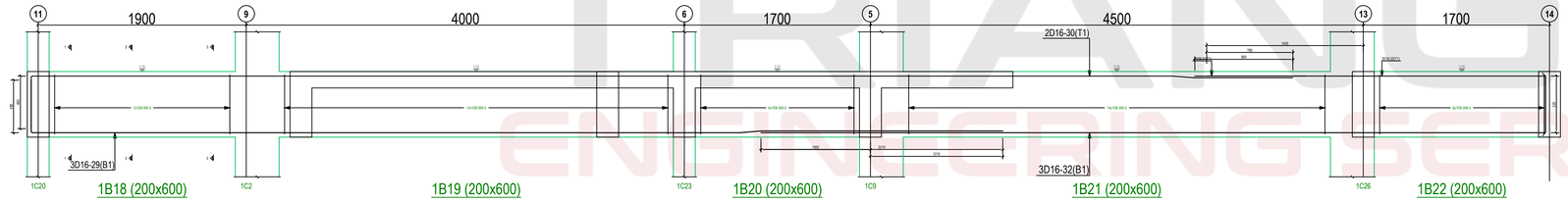
R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10



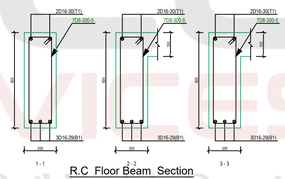
1B44 (200x600)



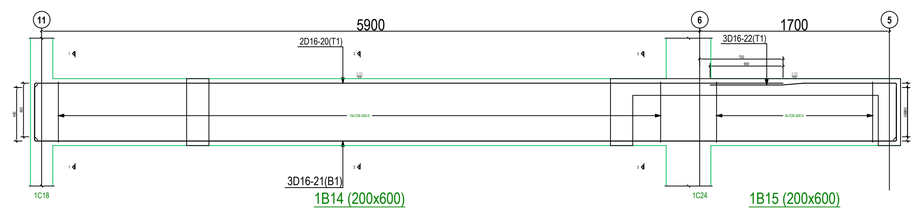
R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10



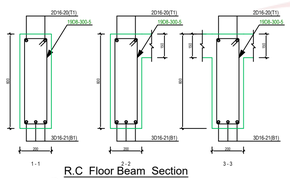
1B18 (200x600) 1B19 (200x600) 1B20 (200x600) 1B21 (200x600) 1B22 (200x600)



R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10



1B14 (200x600) 1B15 (200x600)



R.C Floor Beam Section
Detail. (600 x 200) Scale. 1:10

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

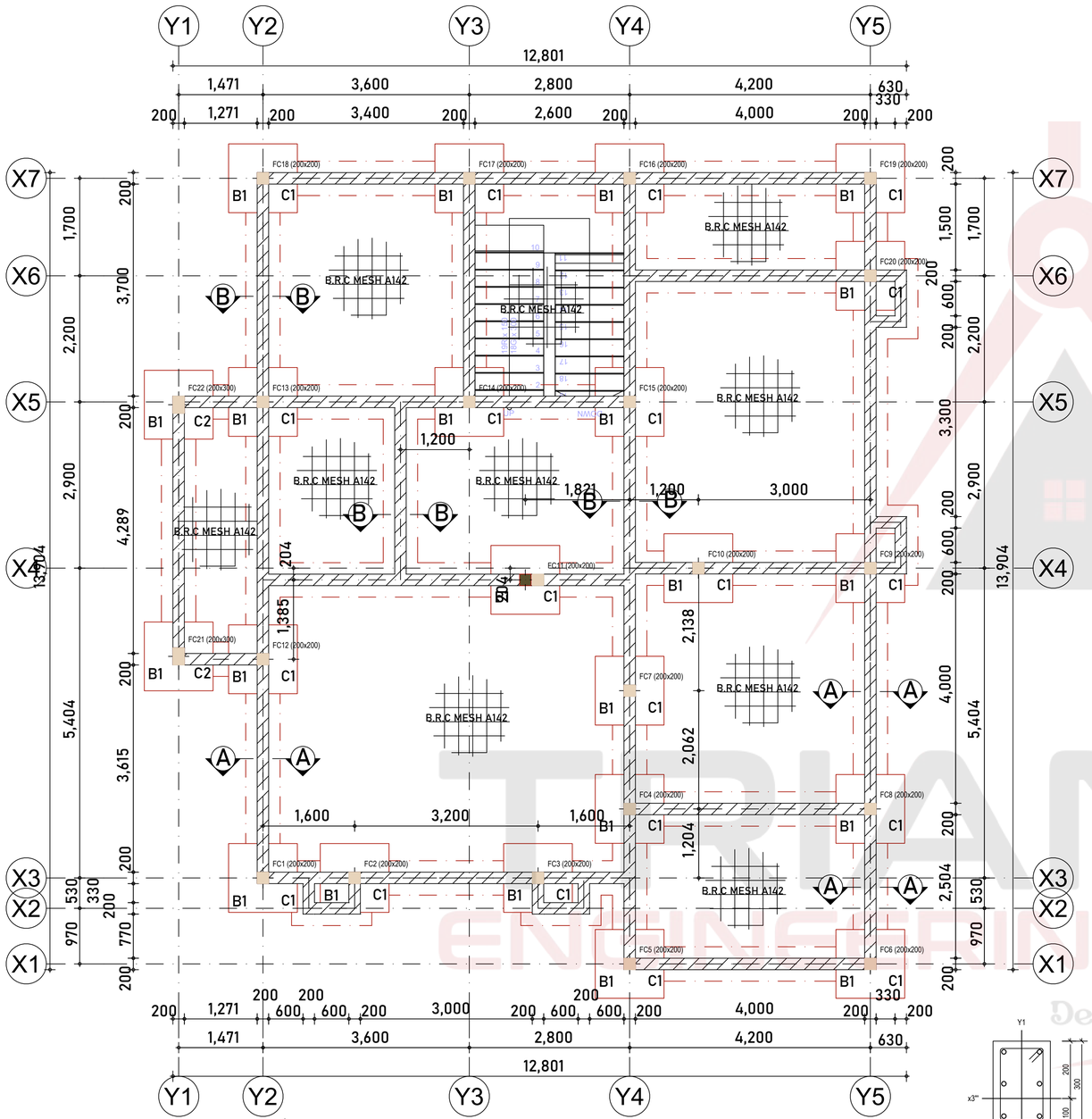
GENERAL NOTES

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2. This drawing is to be read in conjunction with other relevant structural/architectural drawings.
3. All dimensions, unless otherwise specified, are in millimeters.
4. Concrete cover for reinforcement to be as follows:-
   Slabs - 20mm
   Beams - 25mm
   Columns - 40mm
   Bases - 50mm
5. All black cotton soil to be removed before construction.
6. Concrete strength to be class 25\20 for all structural elements
7. Concrete strength for blinding to be class 15/40.
8. Square twisted steel reinforcement bars to BS4461 are denoted by 'Y'.
9. Mild steel reinforcement bars to BS4449 are denoted by 'R'.
10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT:	PROPOSED 6 BEDROOM VILLA ON STAND NO.614 LOW DENSITY MUTOKO TOWNSHIP,MUTOKO RDC.
CLIENT:	MR. WALTER MAMBINYA
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

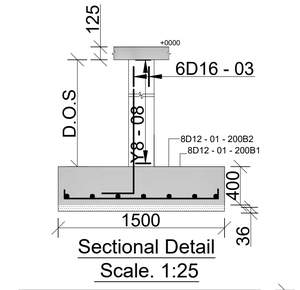
DRAWN BY:	*F.O*
CHECKED BY:	
DATE :	AUGUST,2025
SCALE :	*As Shown.*
Drg. No.	

TRIANGLE ENGINEERING SERVICES
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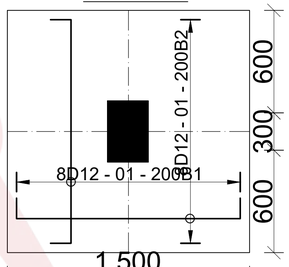


FOUNDATION AND COLUMNS LAYOUT

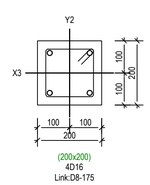
Scale 1:100

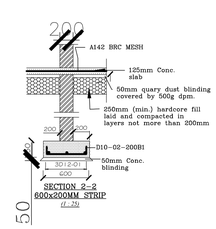


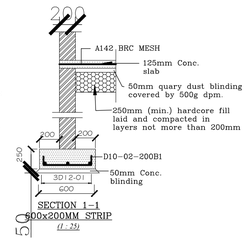
Sectional Detail
Scale. 1:25

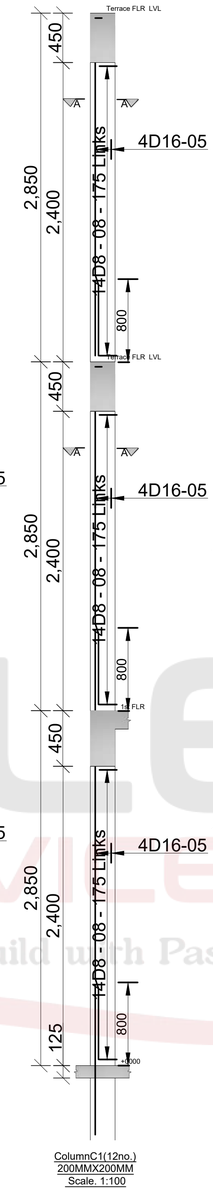


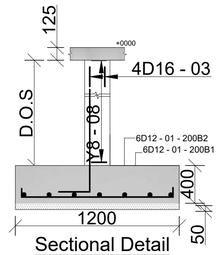
TYPICAL BASE B2(2no.)
(1500x1500x400) Scale. 1:25



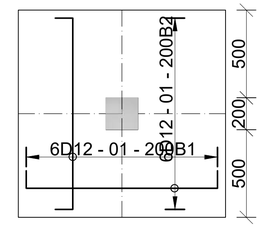




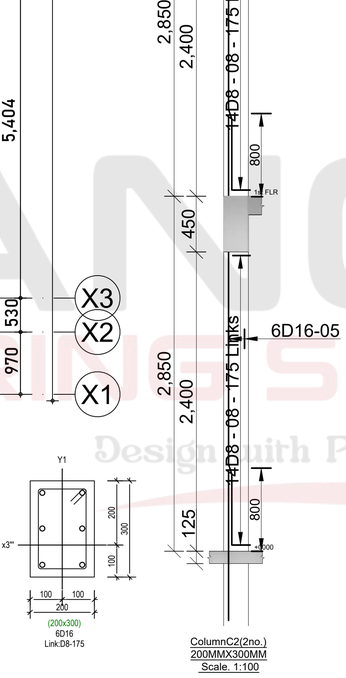




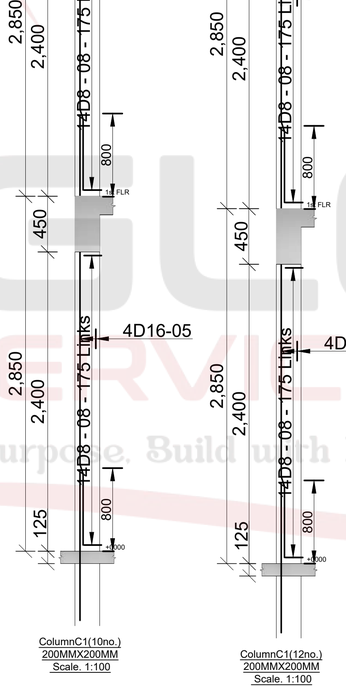
Sectional Detail
Scale. 1:25



TYPICAL BASE B1(22no.)
(1200x1200x400) Scale. 1:25

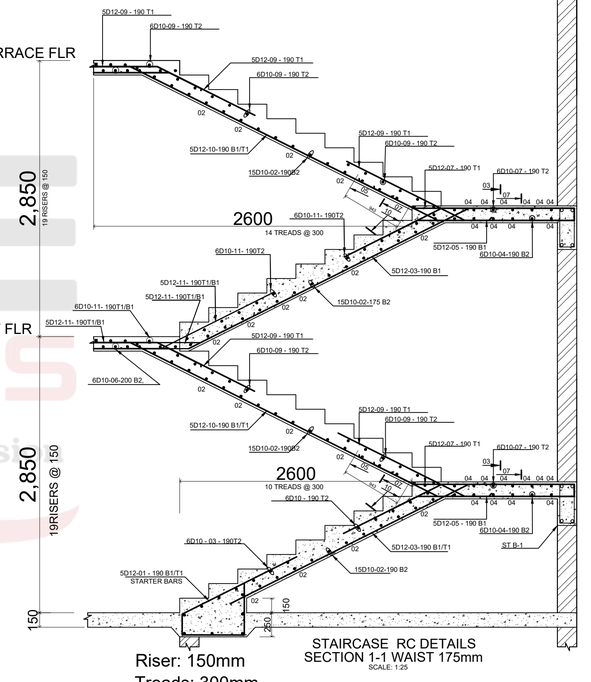


ColumnC2(2no.)
200MMX300MM
Scale. 1:100



ColumnC1(10no.)
200MMX200MM
Scale. 1:100

ColumnC1(12no.)
200MMX200MM
Scale. 1:100



STAIRCASE RC DETAILS
SECTION 1-1 WAIST 175mm
SCALE: 1:25

Riser: 150mm
Treads: 300mm

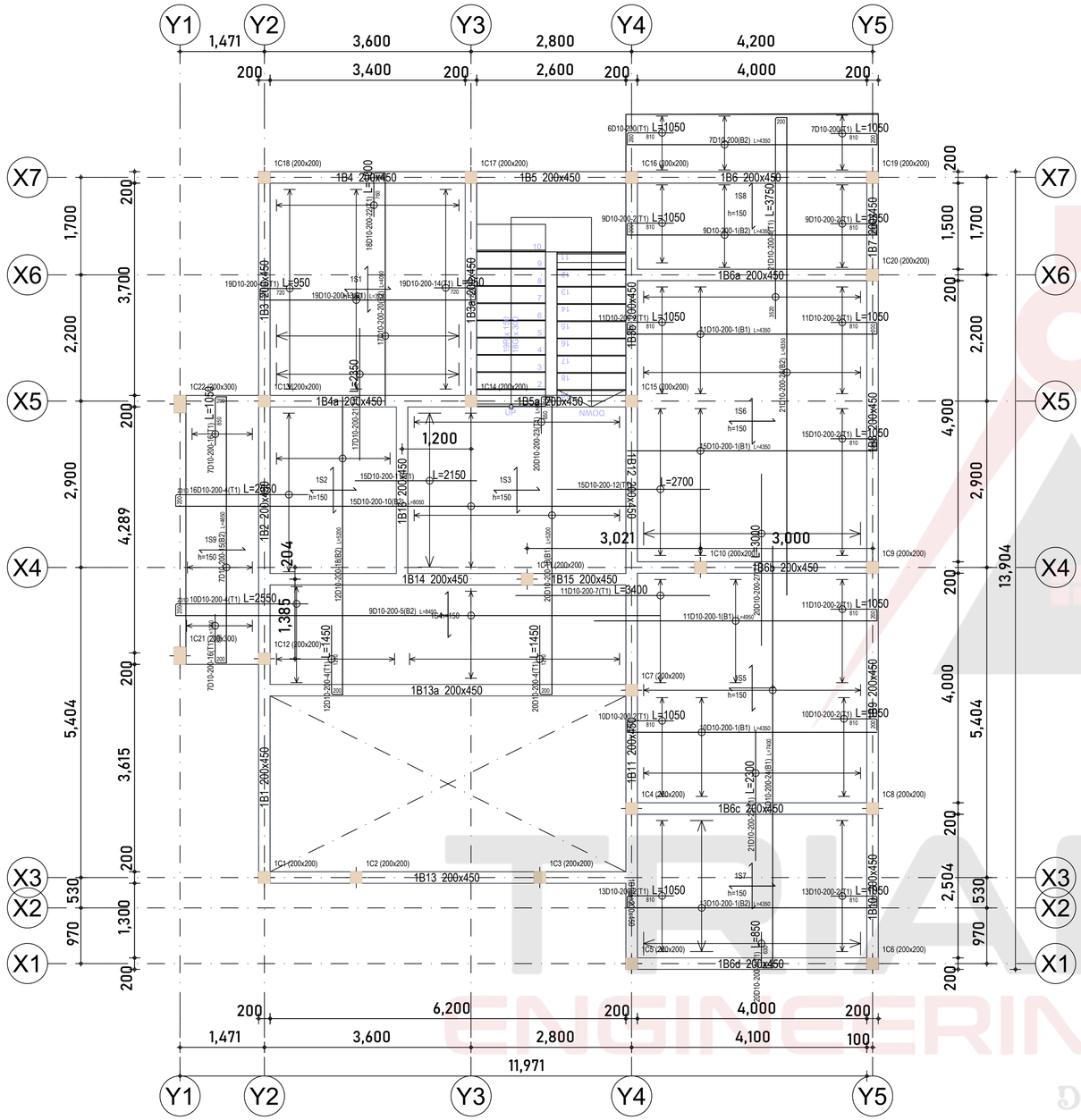
MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

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10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

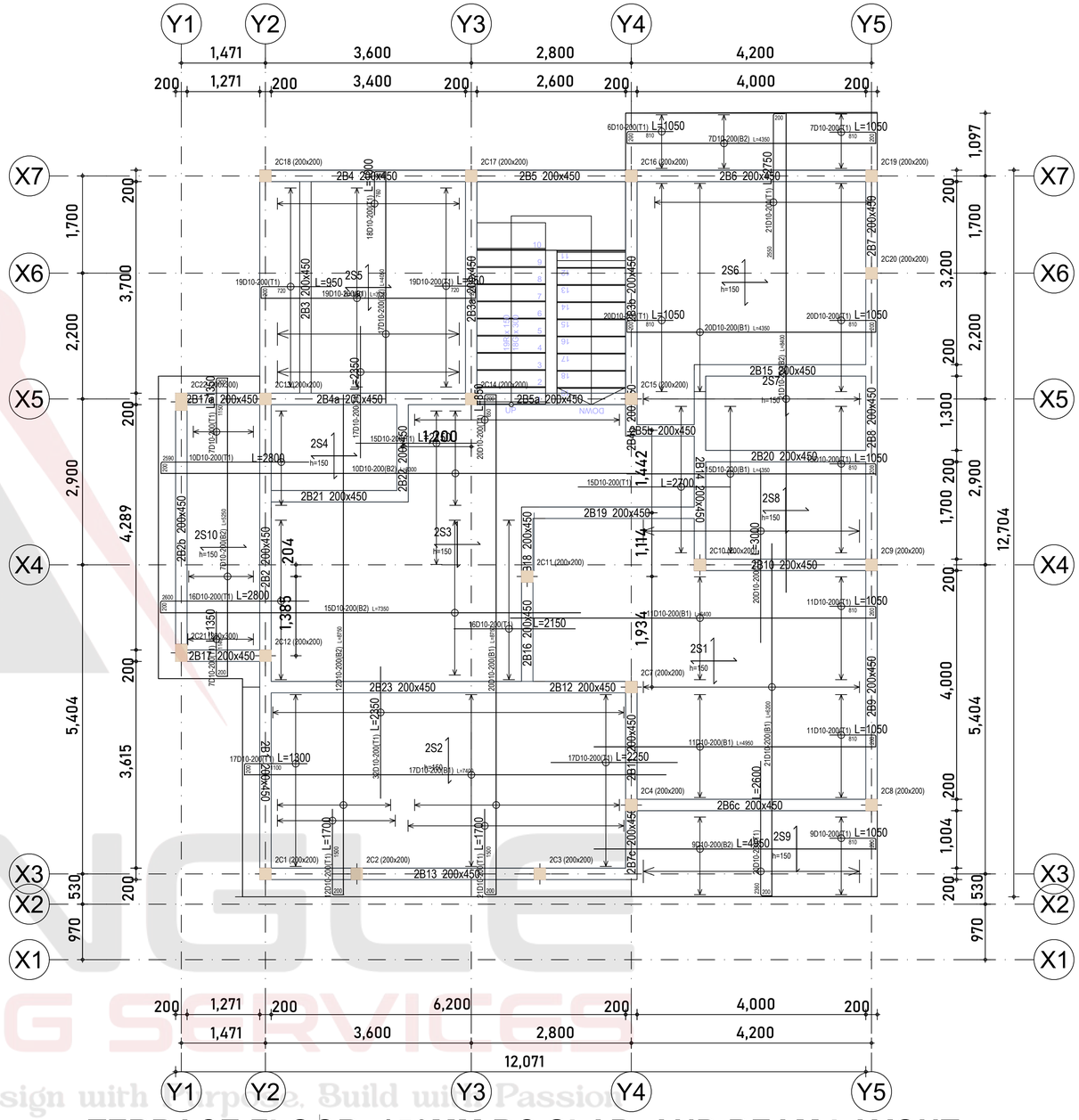
PROJECT: PROPOSED BUN MAISONETTE ON PLOT NO.29059,KIAMBU COUNTY.	DRAWN BY: F.O
	CHECKED BY:
	DATE : AUGUST,2025
CLIENT: MRS. SALOME NJAMBI MARIGA.	SCALE : As Shown.
TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.	Drg. No. 01

TRIANGLE ENGINEERING SERVICES
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1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



TERRACE FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT:
PROPOSED BUN MAISONETTE ON PLOT NO.29059,KIAMBU COUNTY.

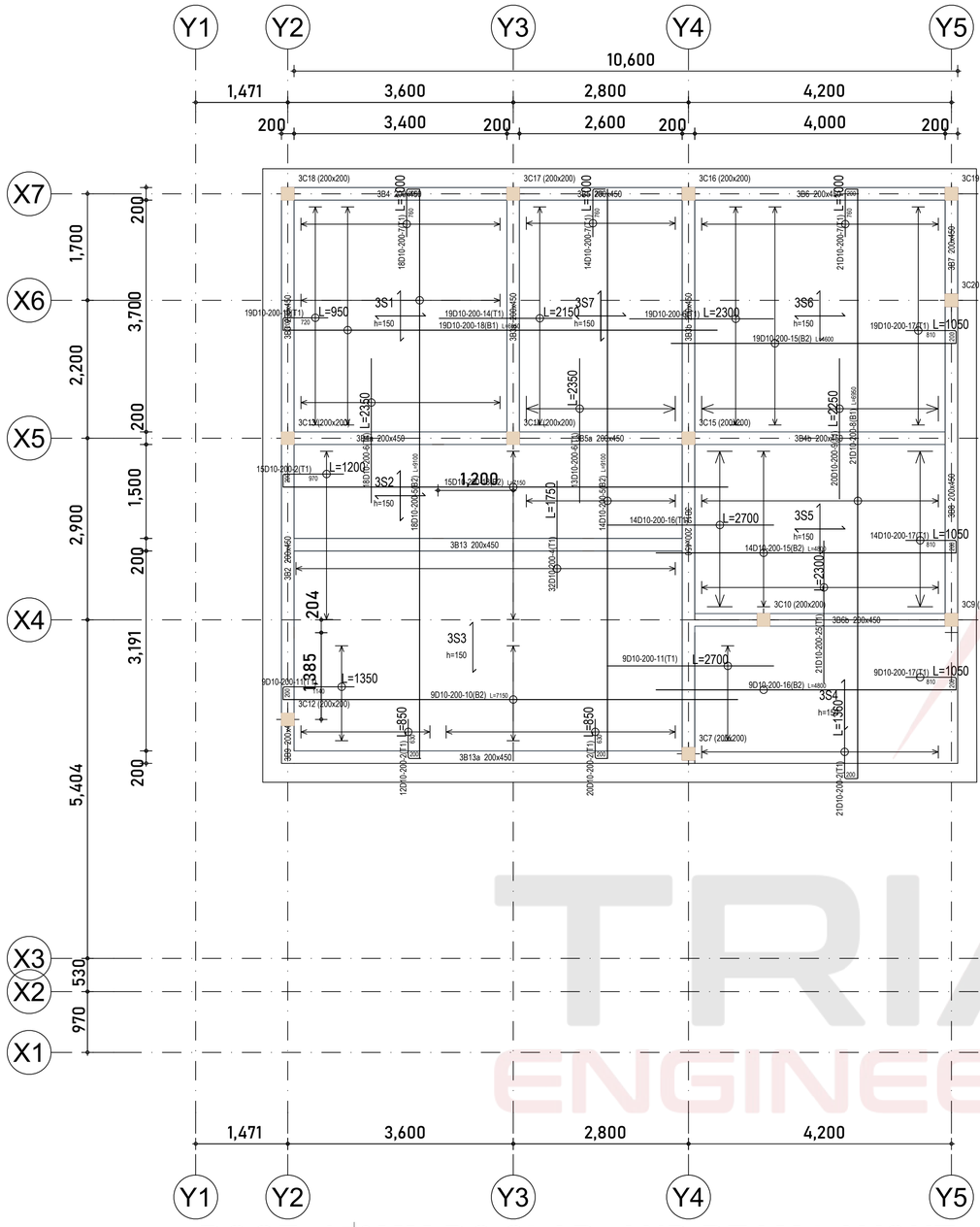
CLIENT:
MRS. SALOME NJAMBI MARIGA.

TITLE:
ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
CHECKED BY:	
DATE :	AUGUST,2025
SCALE :	*As Shown.*

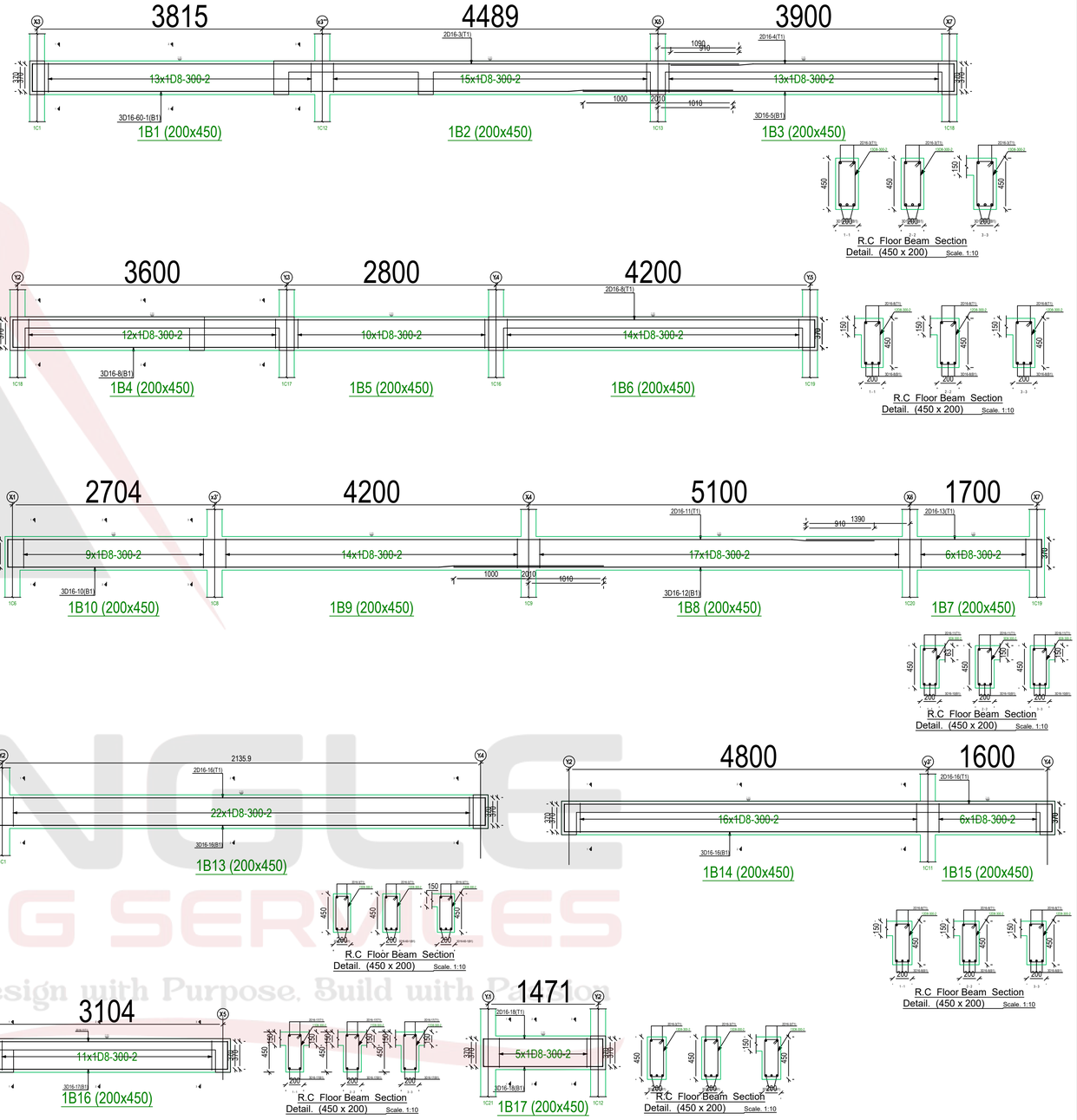
Drg. No. 01

TRIANGLE ENGINEERING SERVICES
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ROOF 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT:
PROPOSED BUN MAISONETTE ON PLOT NO.29059,KIAMBU COUNTY.

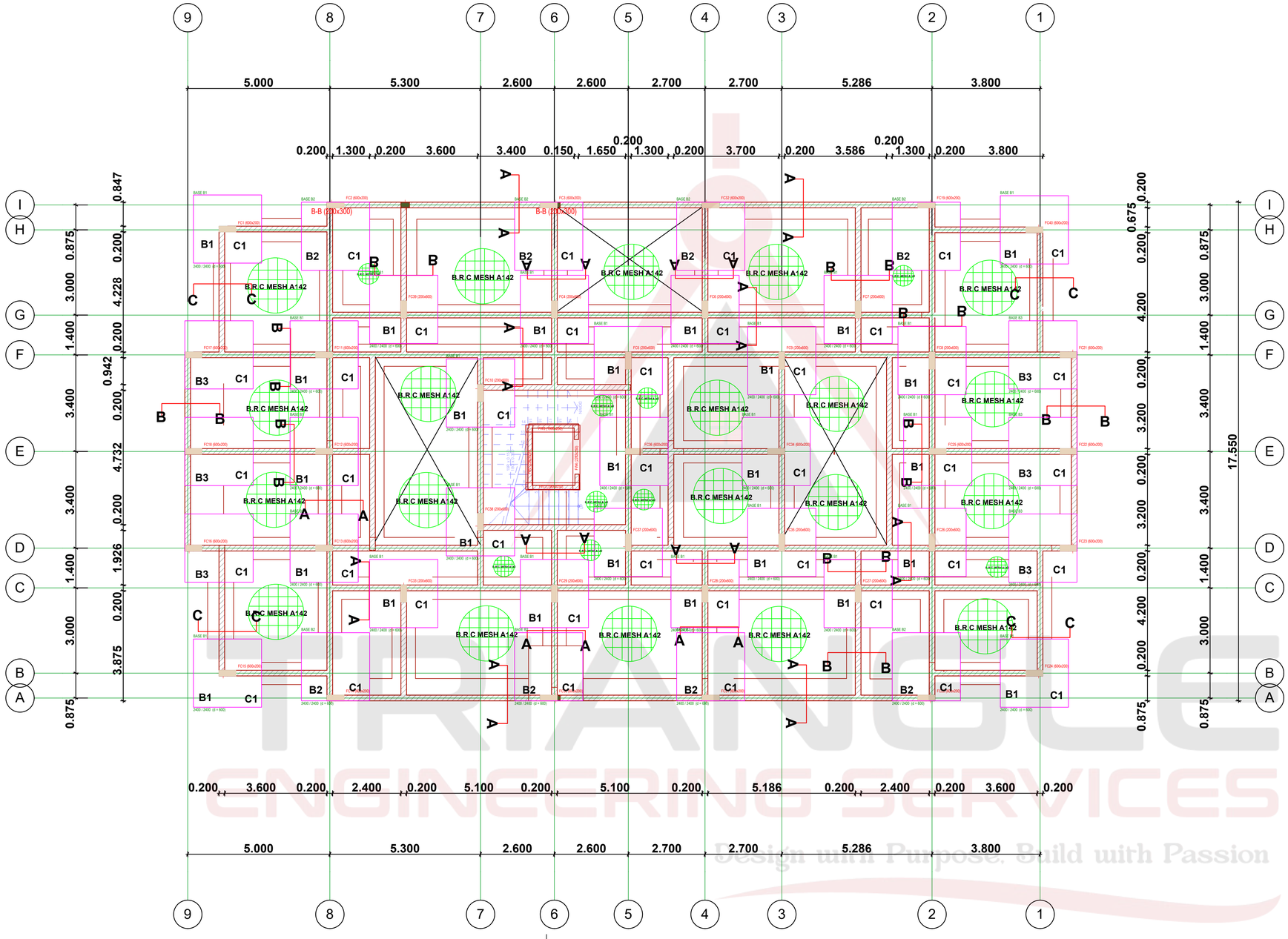
CLIENT:
MRS. SALOME NJAMBI MARIGA.

TITLE:
ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
CHECKED BY:	
DATE :	AUGUST,2025
SCALE :	*As Shown.*

Drg. No. 01

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion



FOUNDATION AND COLUMNS LAYOUT
Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO. JUJA KIAORA BLOCK 7(MANGU)88 KIAMBU COUNTY

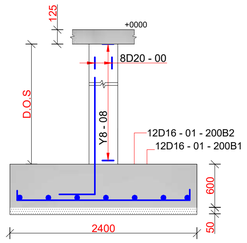
CLIENT: MR. ANDREW CHEGE KIBE AND LUKAS MURAYA KIBE

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

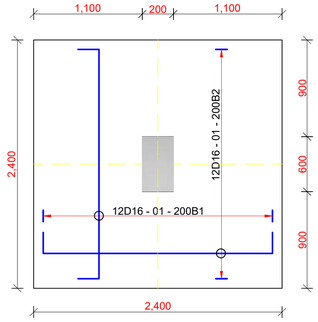
DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

Drg. No. 01

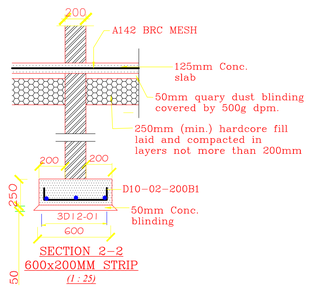
TRIANGLE ENGINEERING SERVICES
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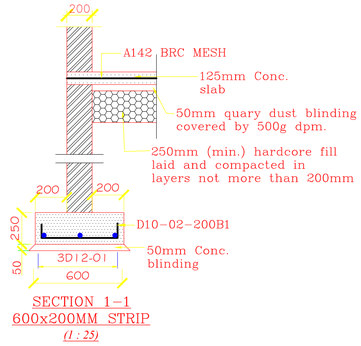
Sectional Detail
Scale. 1:25



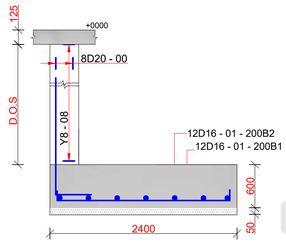
TYPICAL BASE B1(26no.)
(2400x2400x600) Scale. 1:25



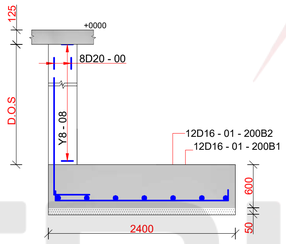
SECTION 2-2
600x200MM STRIP
(1 : 25)



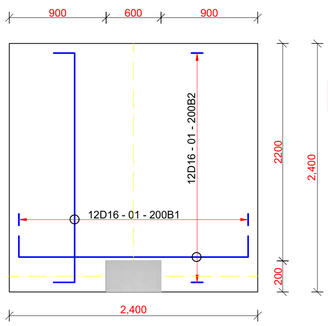
SECTION 1-1
600x200MM STRIP
(1 : 25)



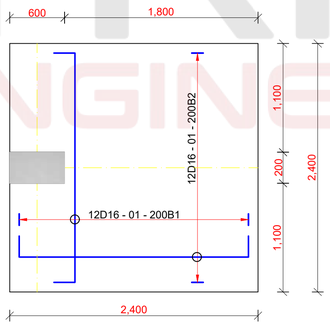
Sectional Detail
Scale. 1:25



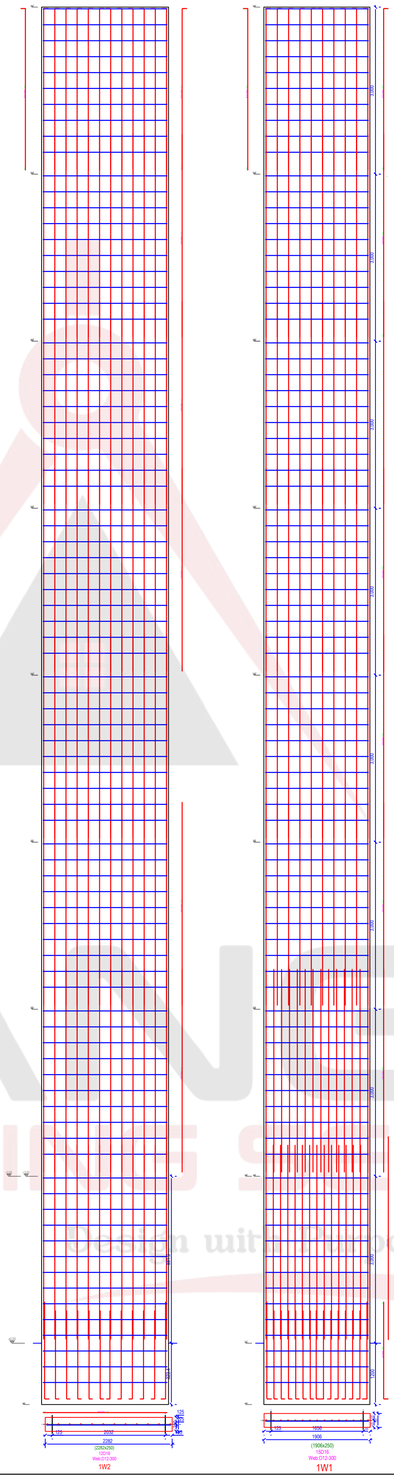
Sectional Detail
Scale. 1:25

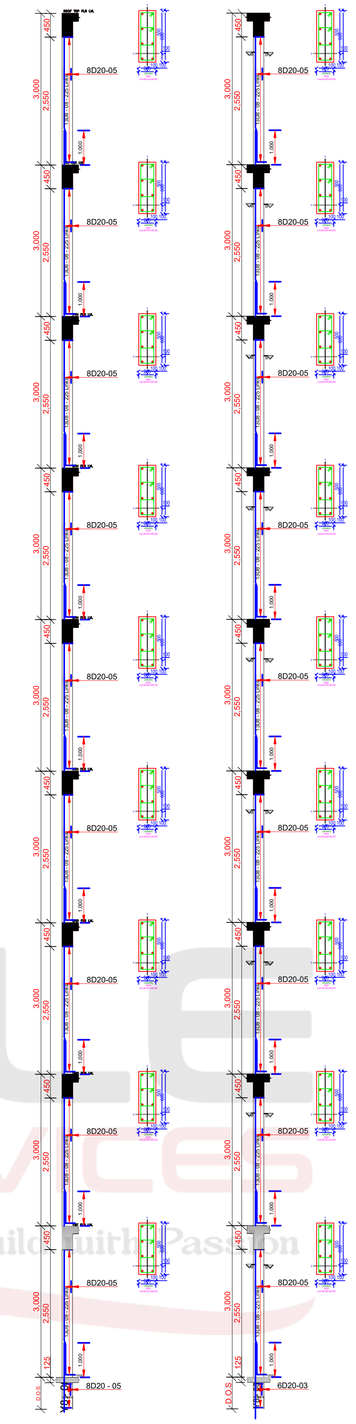


TYPICAL BASE B2(8no.)
(2400x2400x600) Scale. 1:25

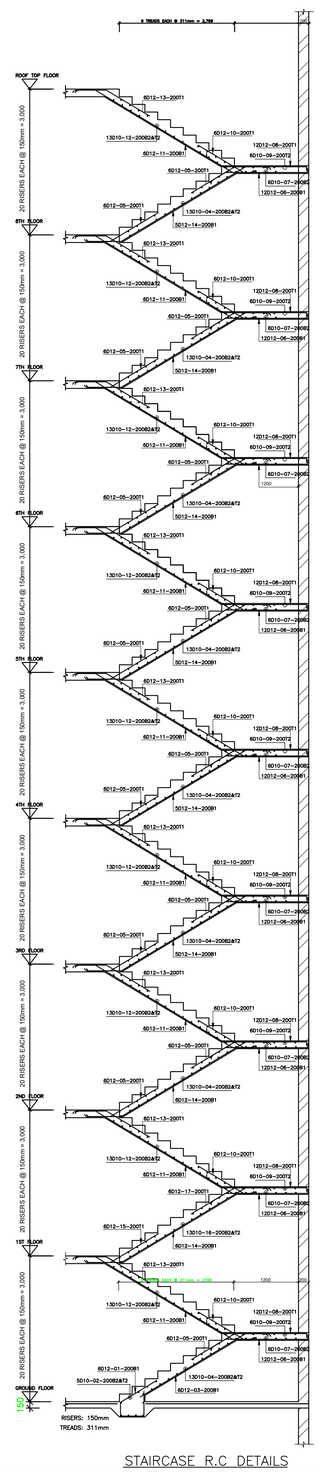


TYPICAL BASE B3(6no.)
(2400x2400x600) Scale. 1:25





R.C 200X600MM Column C1 Sectional Detail
Scale. 1:20



STAIRCASE R.C DETAILS

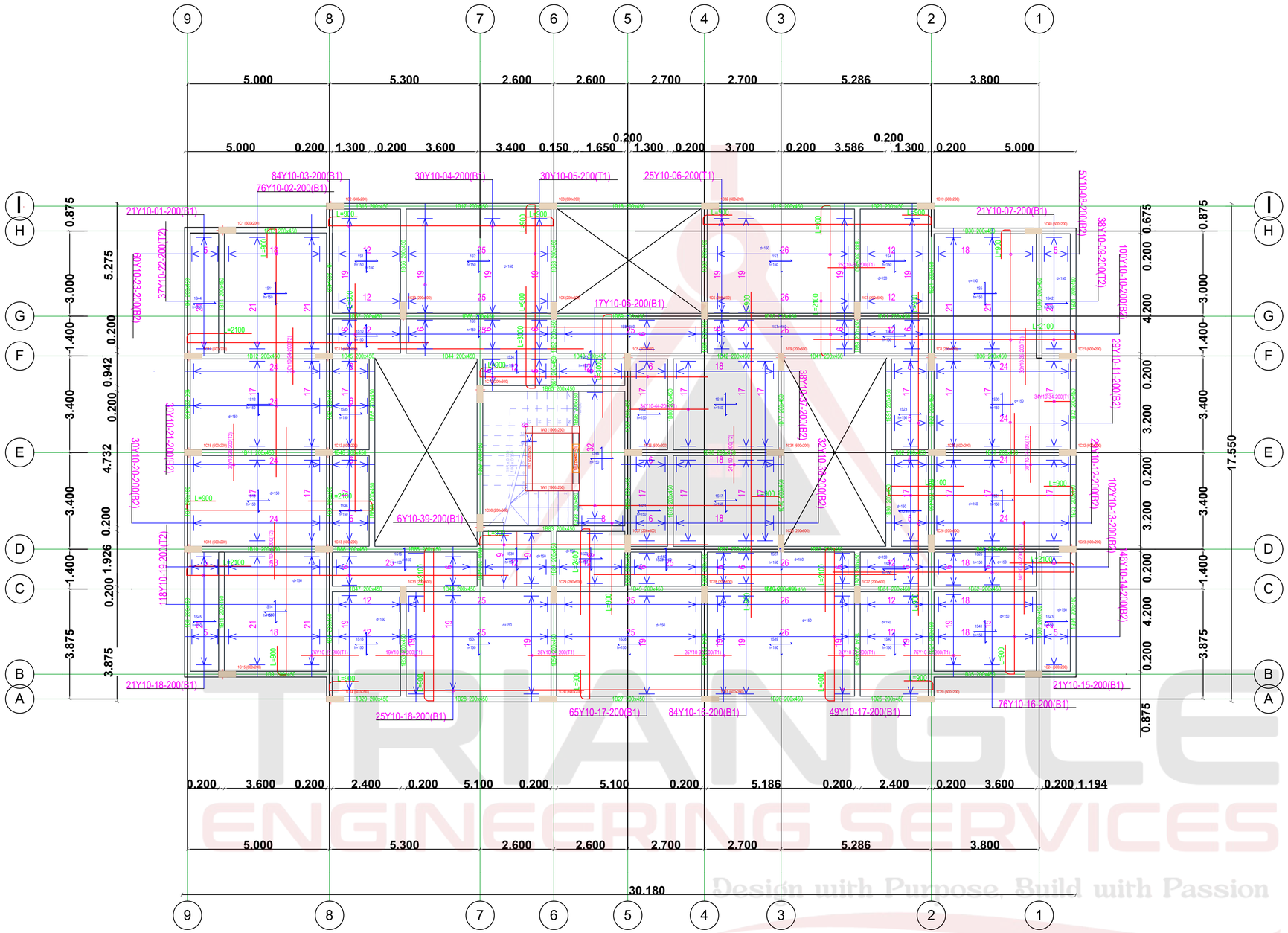
MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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   Bases - 50mm
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7. Concrete strength for blinding to be class 15/40.
8. Square twisted steel reinforcement bars to BS4461 are denoted by 'Y'.
9. Mild steel reinforcement bars to BS4449 are denoted by 'R'.
10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT:	PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO. JUJA KIAORA BLOCK 7(MANGU)88 KIAMBU COUNTY
CLIENT:	MR. ANDREW CHEGE KIBE AND LUKAS MURAYA KIBE
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.
DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.
Drg. No. 01	

TRIANGLE ENGINEERING SERVICES
Partnership with Purpose, Build with Passion



TYPICAL 1ST,2ND,4TH,5TH,7TH AND 8TH FLOOR, 150MM RC SLAB AND 200X450 BEAM LAYOUT

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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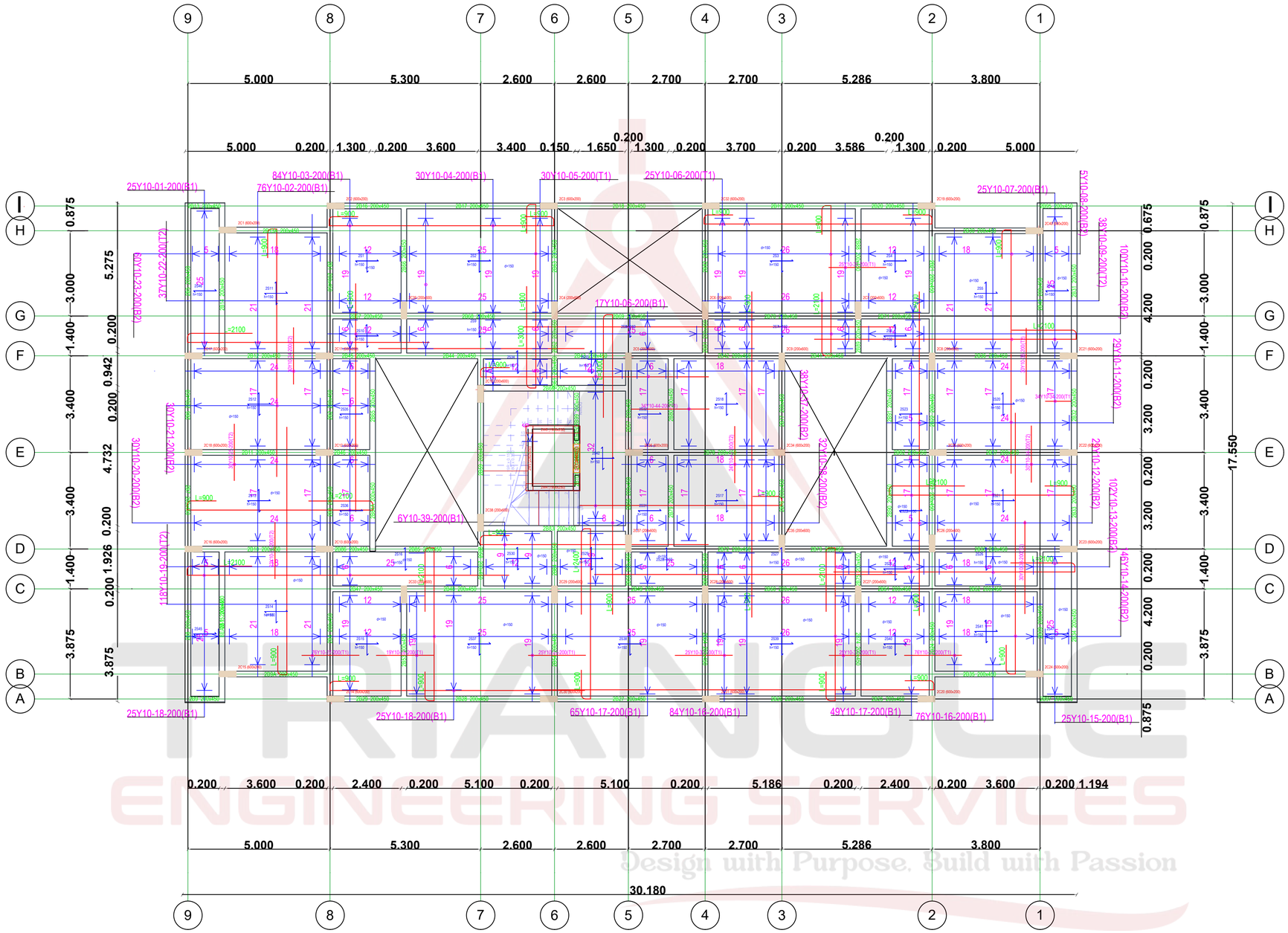
CLIENT: MR. ANDREW CHEGE KIBE AND LUKAS MURAYA KIBE

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

Drg. No. 01

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion



TYPICAL 3RD AND 6TH FLOOR, 150MM RC SLAB AND 200X450 BEAM LAYOUT

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO. JUJA KIAORA BLOCK 7(MANGU)88 KIAMBU COUNTY

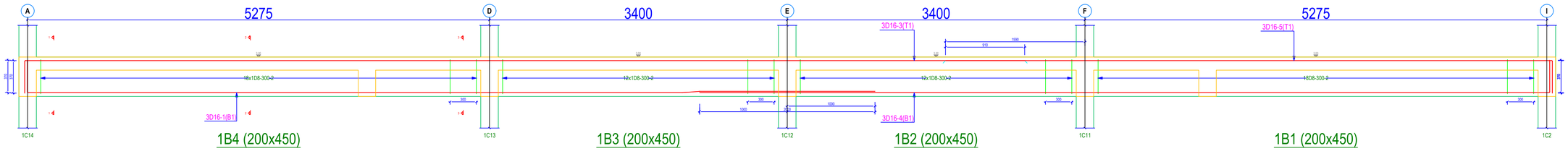
CLIENT: MR. ANDREW CHEGE KIBE AND LUKAS MURAYA KIBE

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

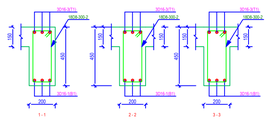
DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

Drg. No. 01

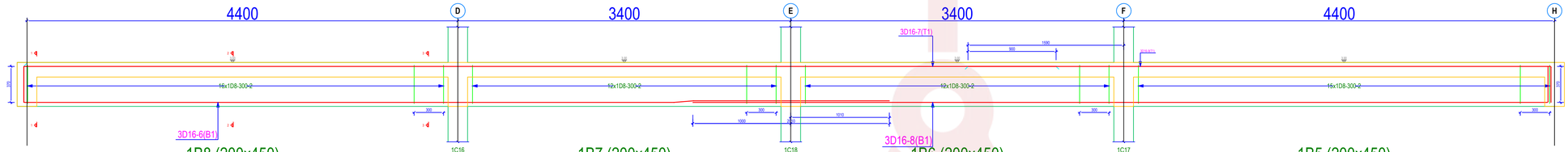
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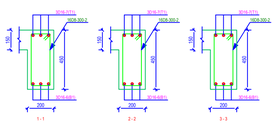
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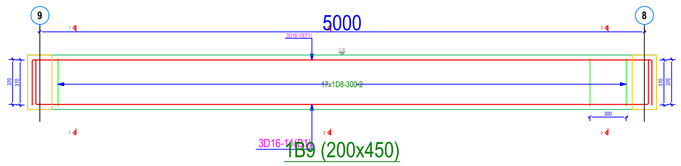
RC BEAM 200 X 450 MM



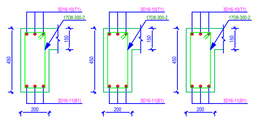
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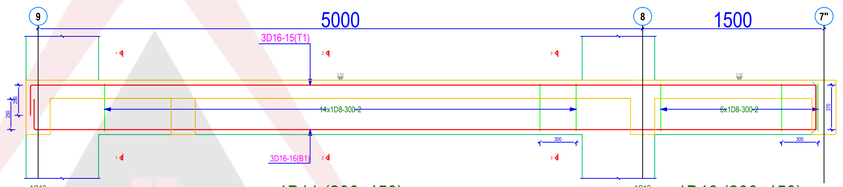
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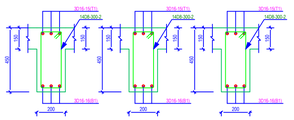
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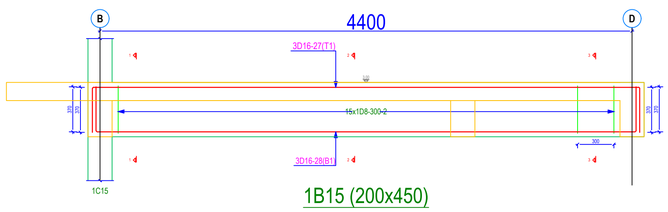
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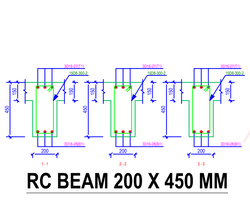
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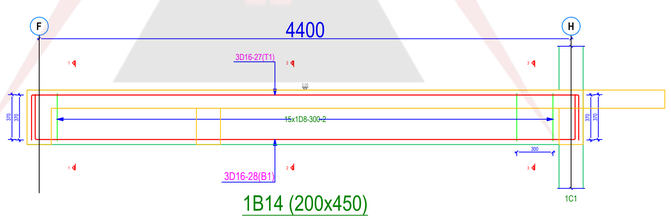
RC BEAM 200 X 450 MM



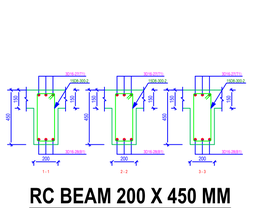
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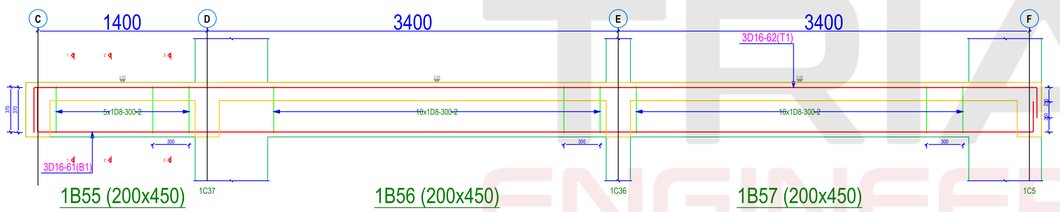
RC BEAM 200 X 450 MM



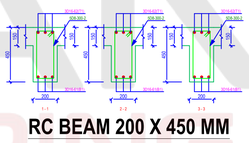
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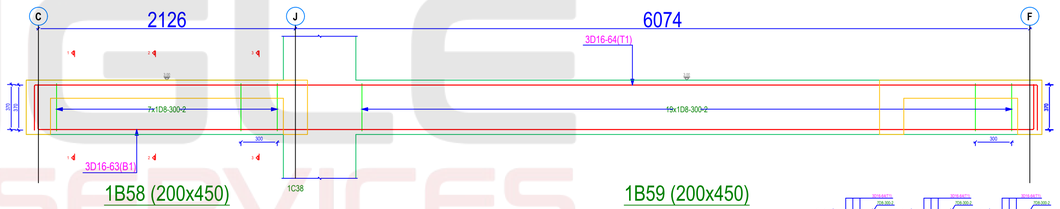
RC BEAM 200 X 450 MM



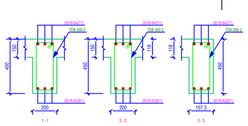
1B55 (200x450) 1B56 (200x450) 1B57 (200x450)



RC BEAM 200 X 450 MM



1B58 (200x450) 1B59 (200x450)



RC BEAM 200 X 450 MM

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion

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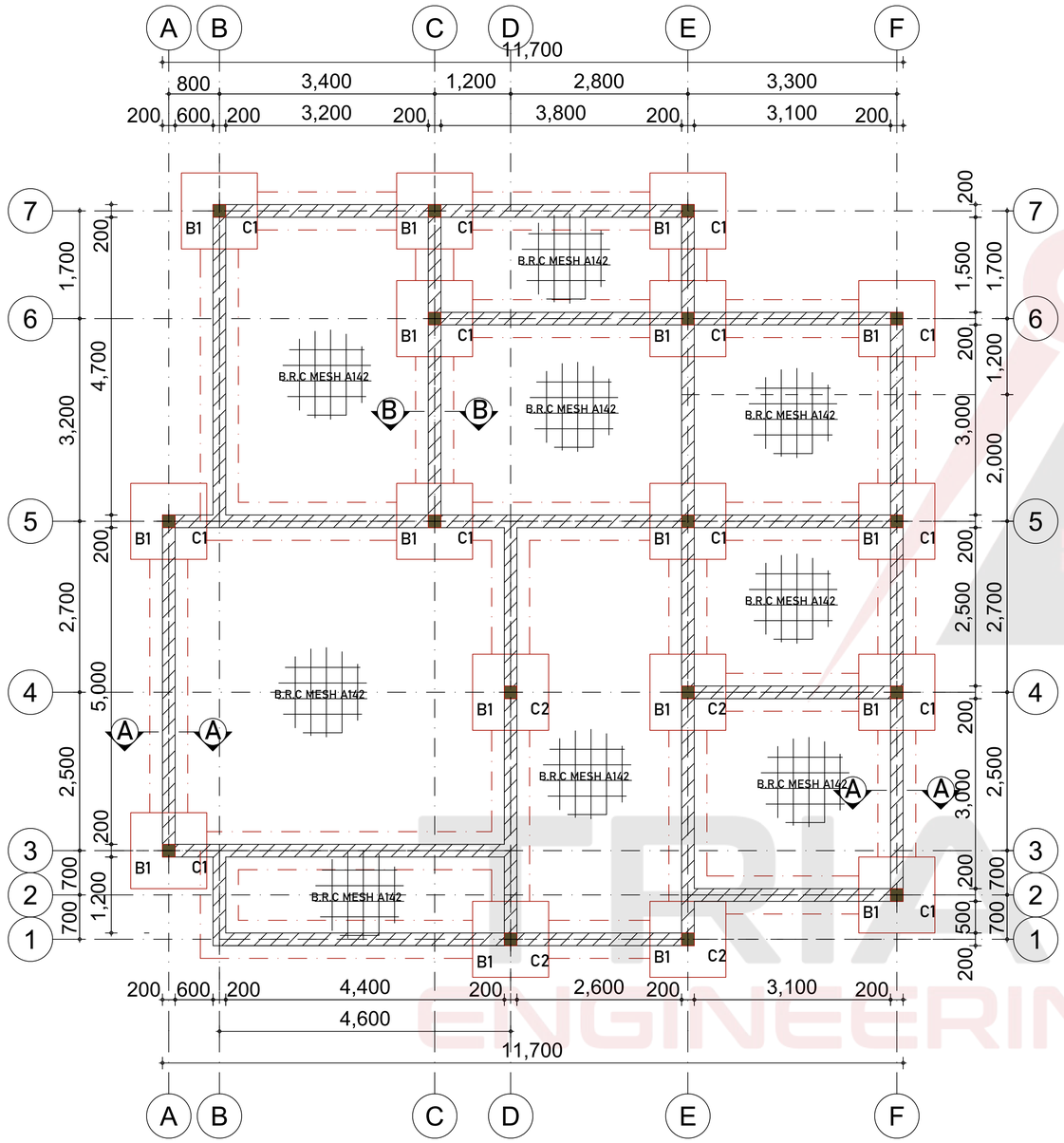
PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO. JUJA KIAORA BLOCK 7(MANGU)88 KIAMBU COUNTY

CLIENT: MR. ANDREW CHEGE KIBE AND LUKAS MURAYA KIBE

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

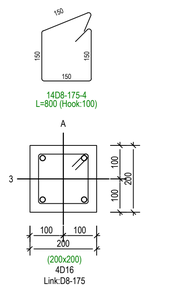
DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

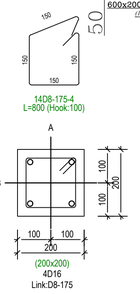
Drg. No. 01

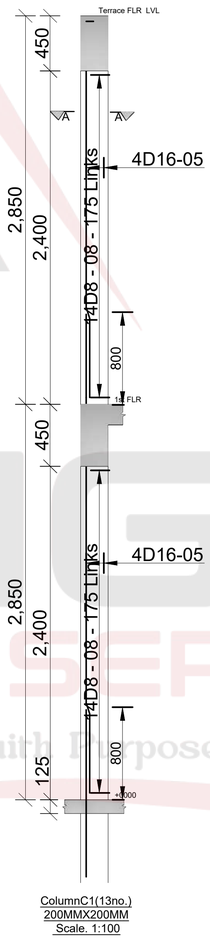


FOUNDATION AND COLUMNS LAYOUT

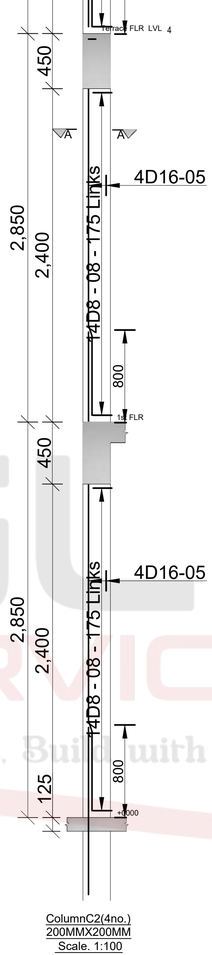
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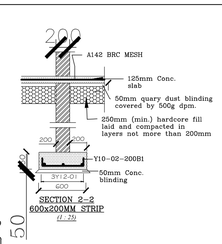


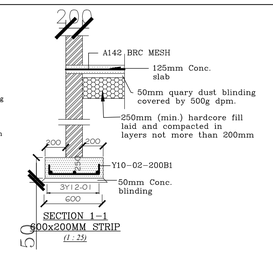


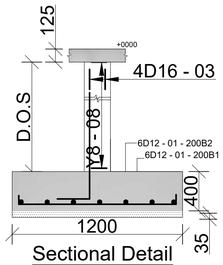
ColumnC1(13no.)
200MMX200MM
Scale. 1:100



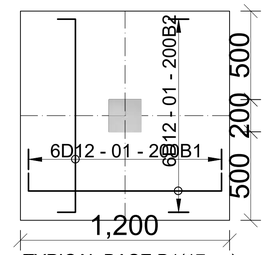
ColumnC2(4no.)
200MMX200MM
Scale. 1:100



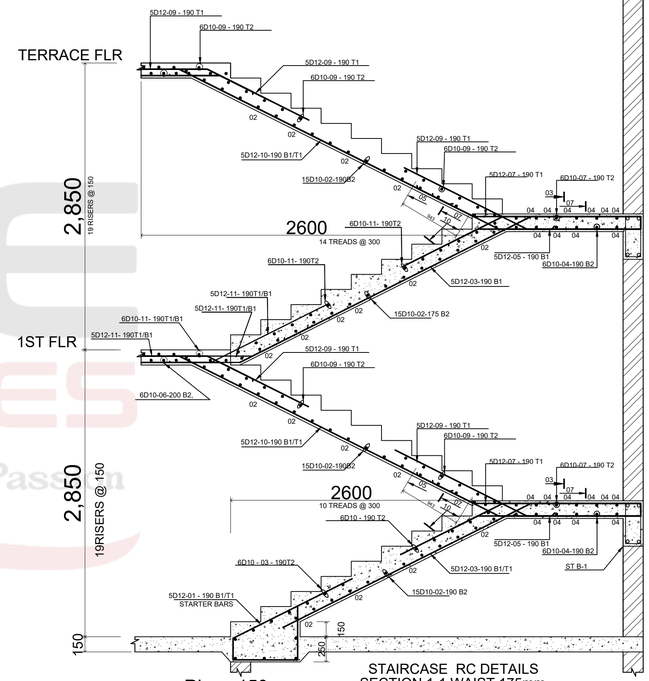




Sectional Detail
Scale. 1:25



TYPICAL BASE B1(17no.)
(1200x1200x400) Scale. 1:25



STAIRCASE RC DETAILS
SECTION 1-1 WAIST 175mm
SCALE: 1:25

Riser: 150mm
Treads: 300mm

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

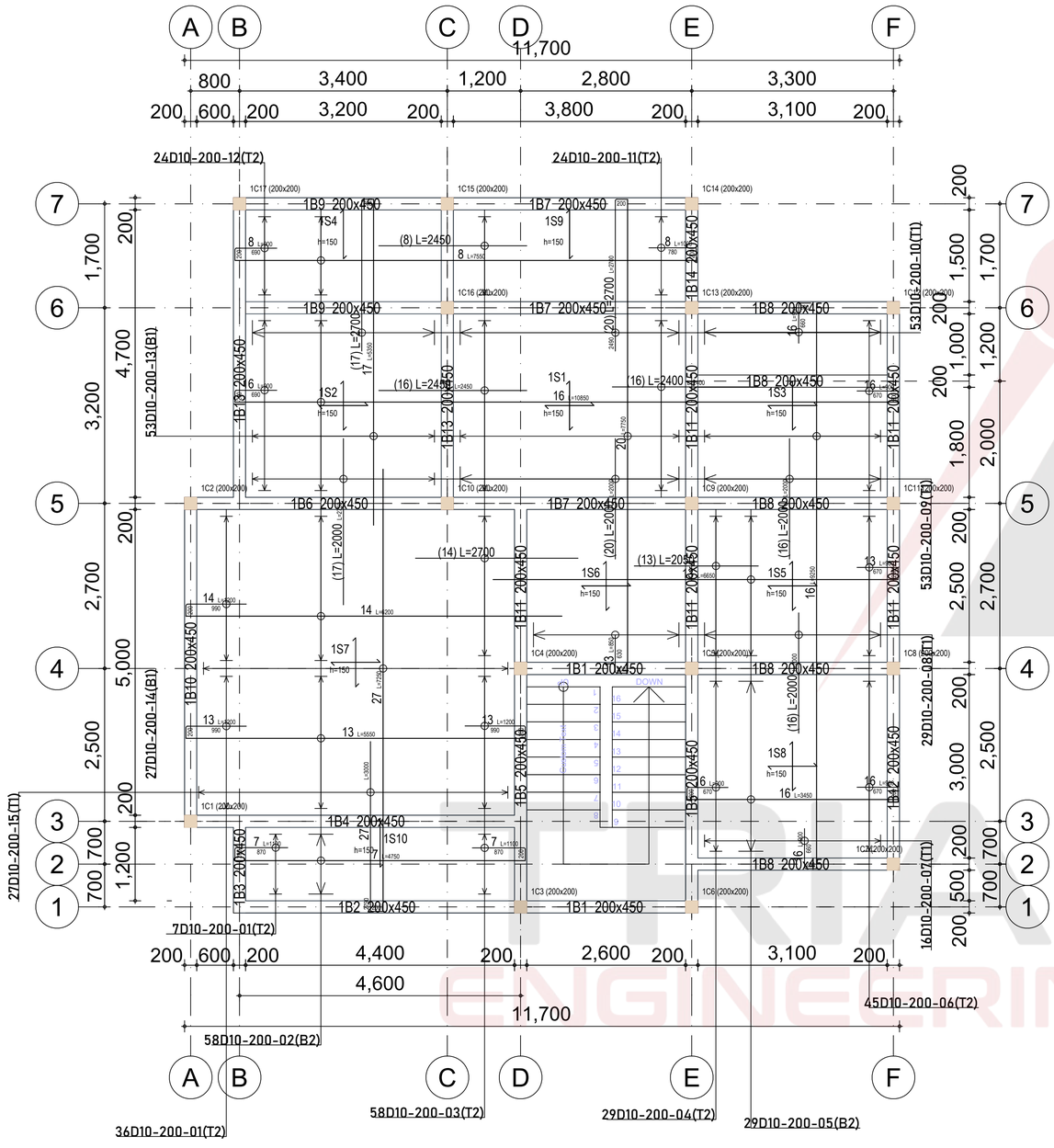
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CLIENT:	MR. JOHN GICHUKI MWAURA
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
CHECKED BY:	
DATE :	JULY,2025
SCALE :	*As Shown.*

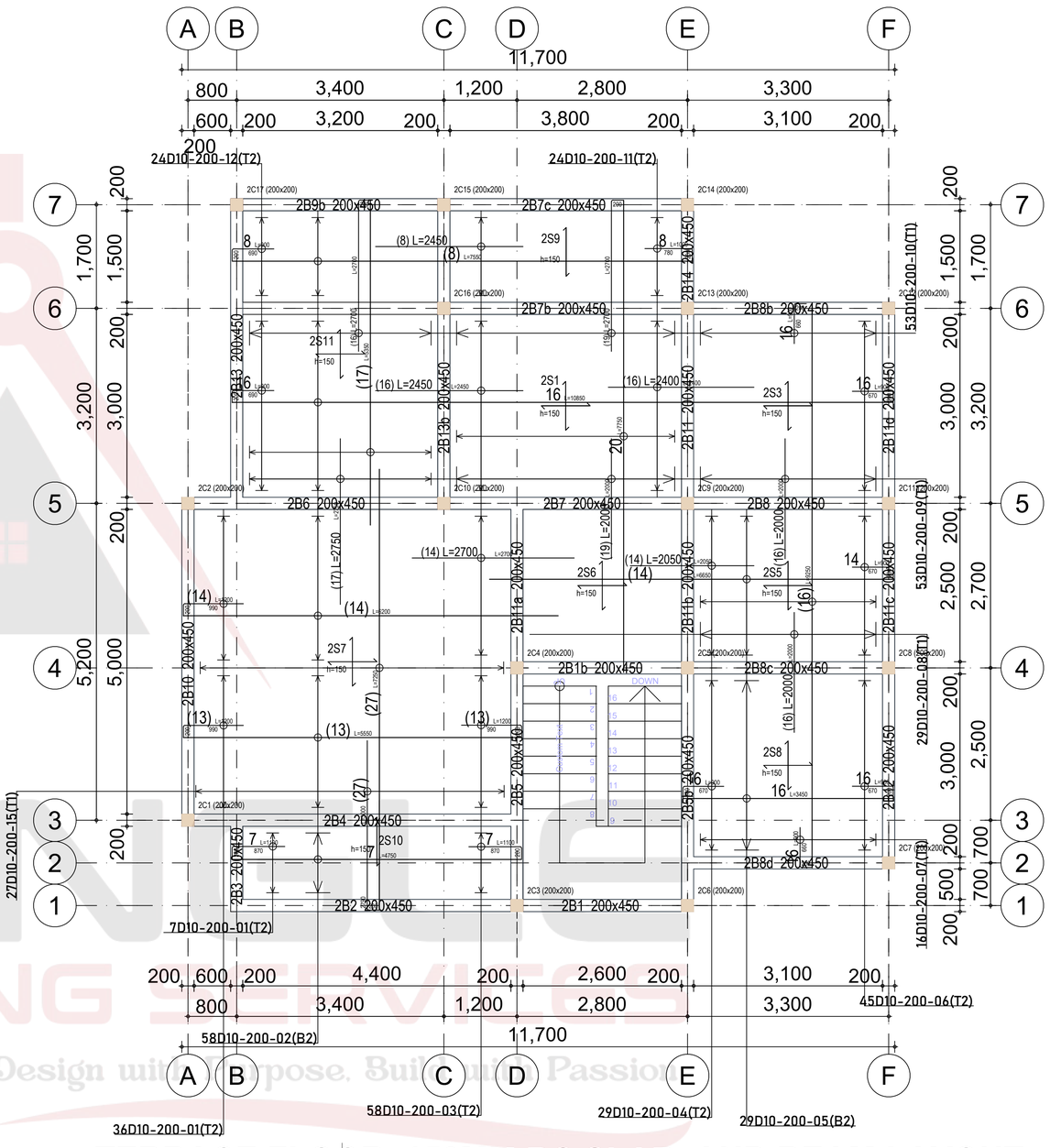
Drg. No. 01

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Built with Passion



1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



TERRACE FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

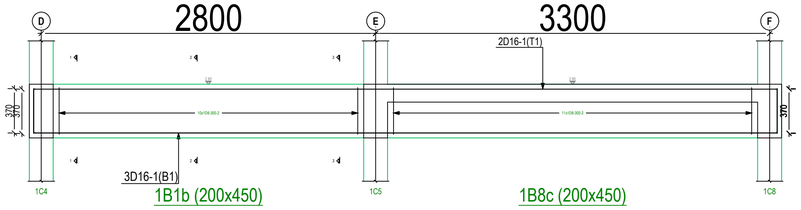
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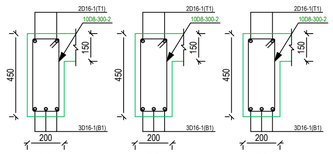
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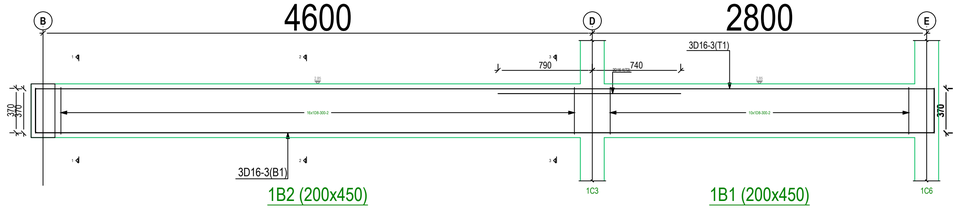
TRIANGLE ENGINEERING SERVICES
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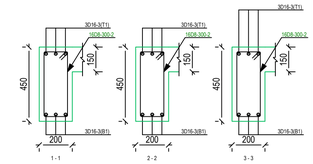
1B1b (200x450) 1B8c (200x450)



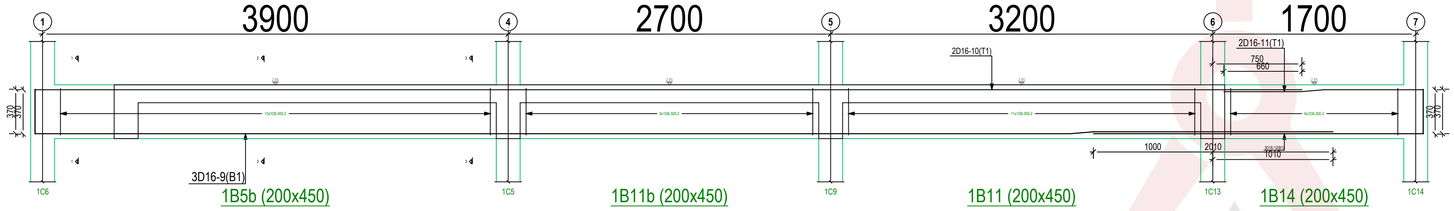
R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10



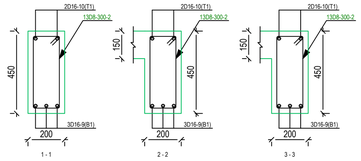
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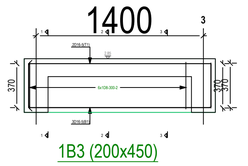
R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10



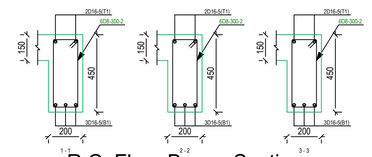
1B5b (200x450) 1B11b (200x450) 1B11 (200x450) 1B14 (200x450)



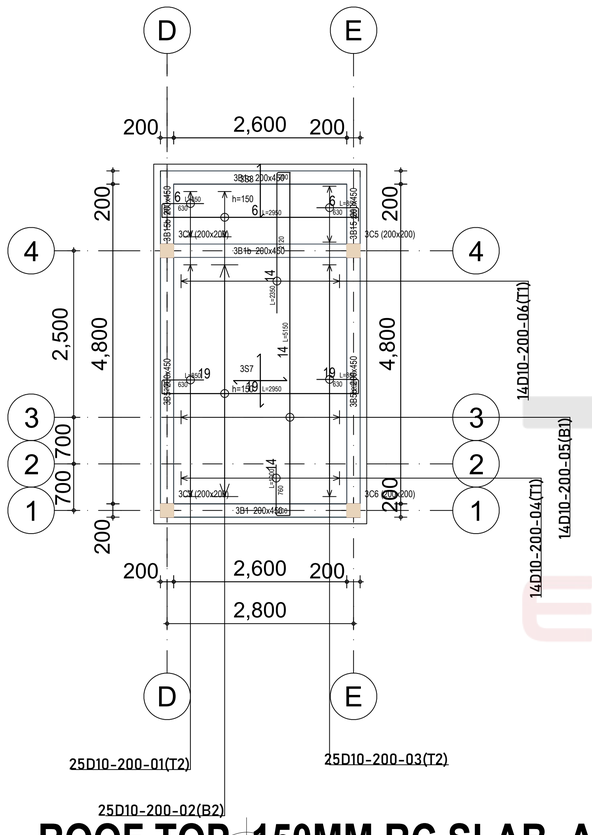
R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

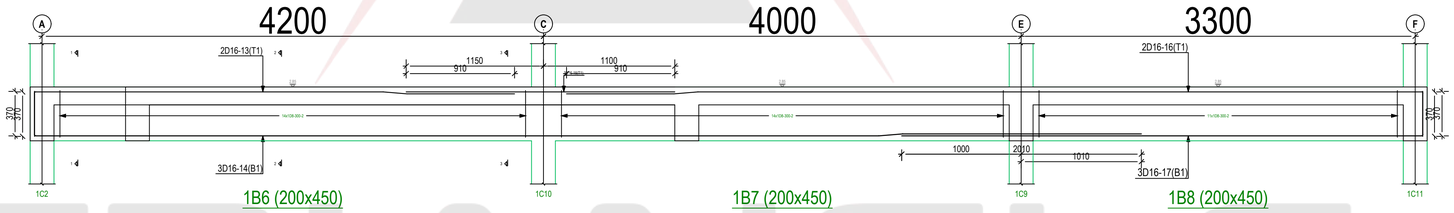


1B3 (200x450)

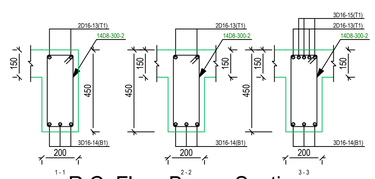


R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

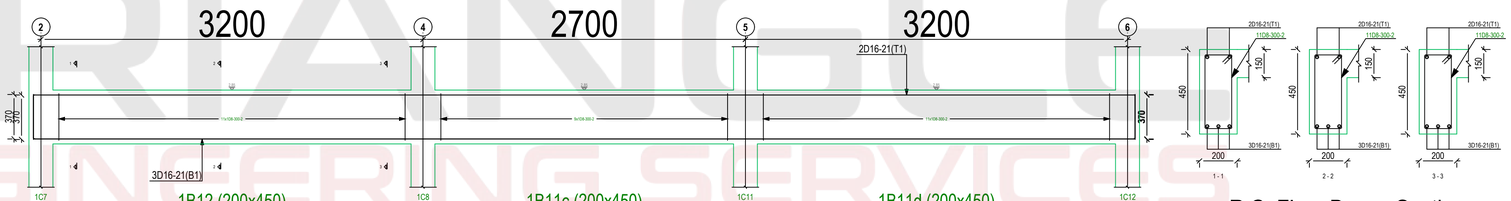




1B6 (200x450) 1B7 (200x450) 1B8 (200x450)



R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10



1B12 (200x450) 1B11c (200x450) 1B11d (200x450)

R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

ROOF TOP 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

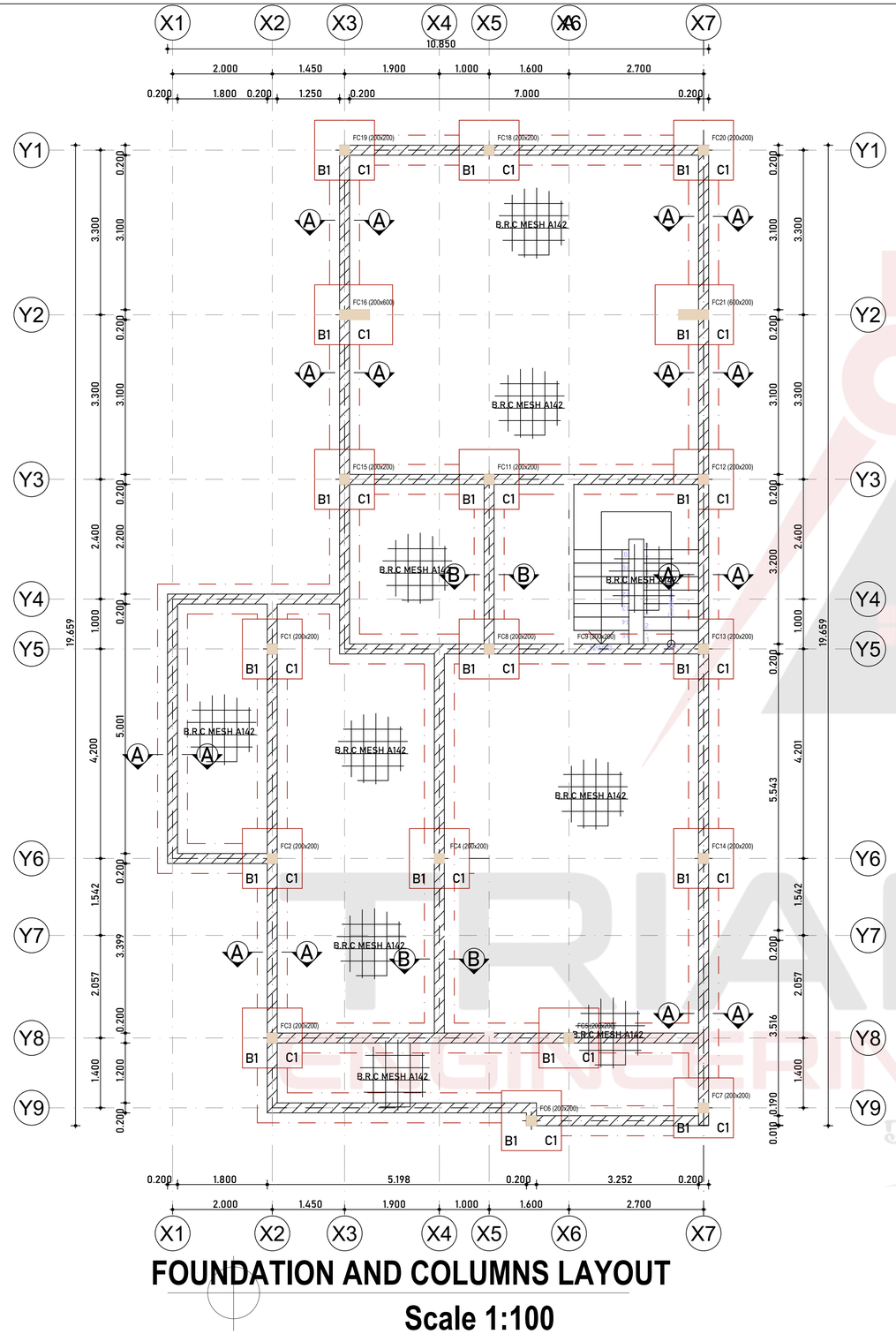
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   Bases - 50mm
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7. Concrete strength for blinding to be class 15/40.
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11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT:	PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LRN NGUIRUBI/NDIUNI/3682, KIAMBU COUNTY.
CLIENT:	MR. JOHN GICHUKI MWAURA
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	F.O
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

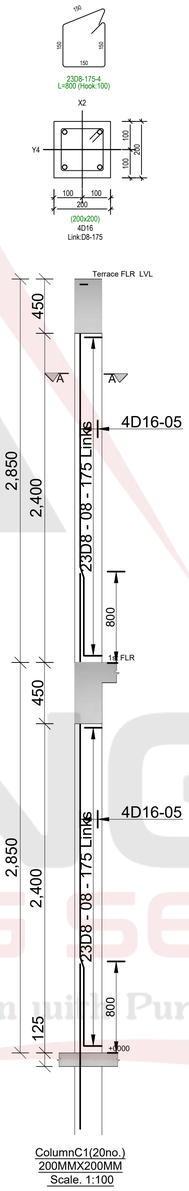
Drg. No. 01

TRIANGLE ENGINEERING SERVICES
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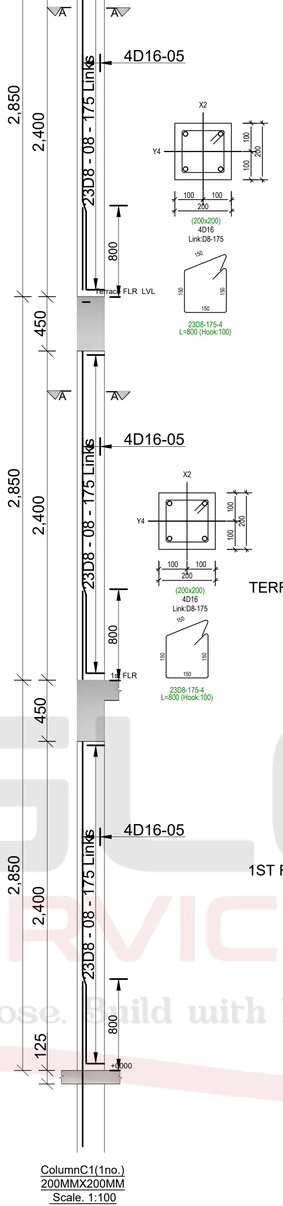


FOUNDATION AND COLUMNS LAYOUT

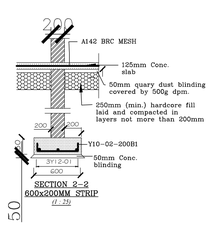
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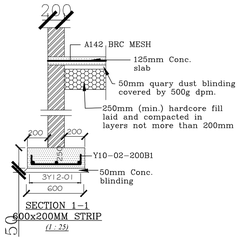


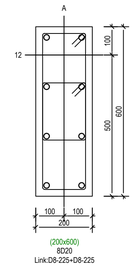
ColumnC1(20no.)
200MMX200MM
Scale. 1:100

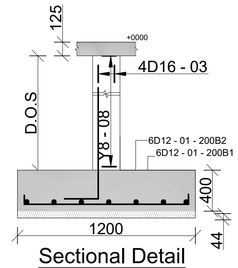


ColumnC1(1no.)
200MMX200MM
Scale. 1:100

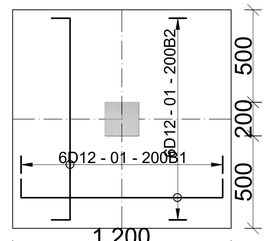




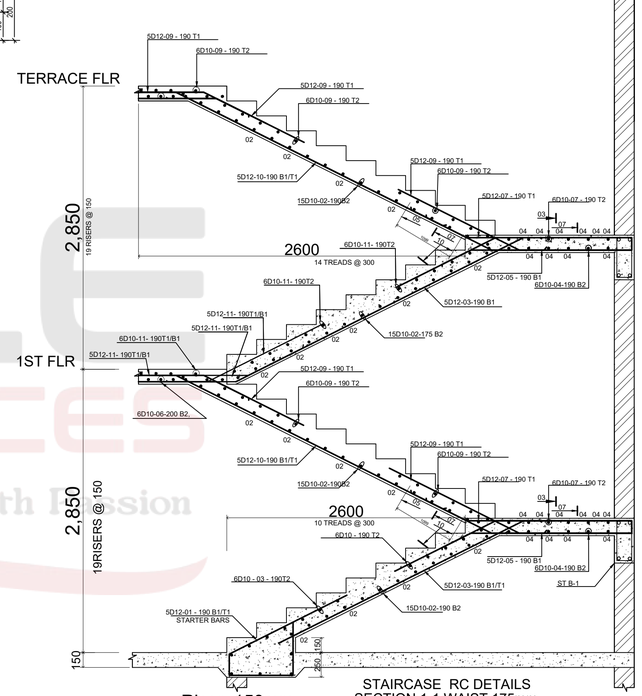




Sectional Detail
Scale. 1:25



TYPICAL BASE B1(21no.)
(1200x1200x400) Scale. 1:25



STAIRCASE RC DETAILS
SECTION 1-1 WAIST 175mm
SCALE: 1:25

Riser: 150mm
Treads: 300mm

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

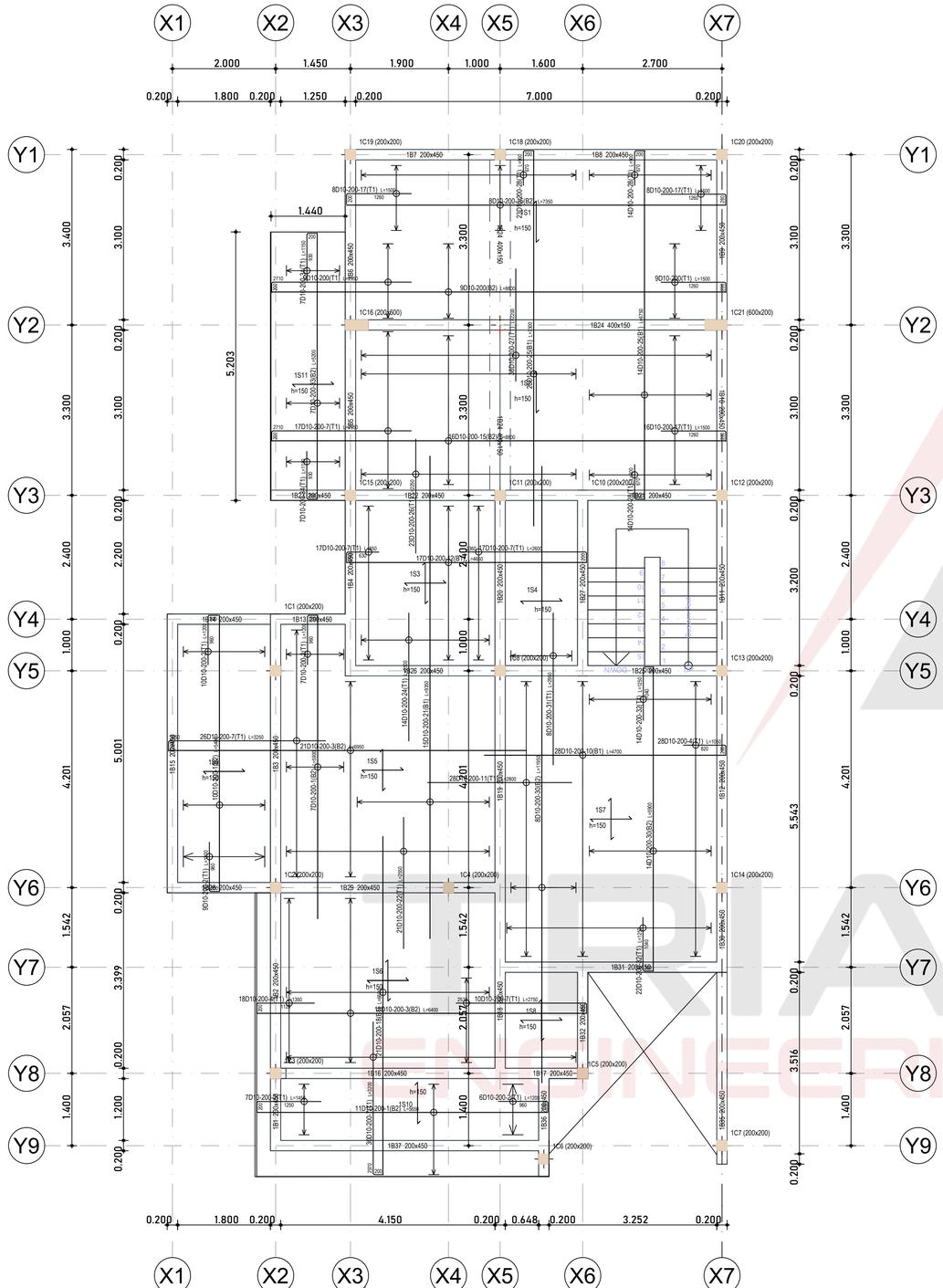
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11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT:	EJ CAPITAL CONSULTING LIMITED, P.O.BOX 300-00900, KIAMBU.
CLIENT:	PROPOSED SINGLE DWELLING ON PLOT L.R.NO.TINGANGA/ANMER BLOCK 6/2408.
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*K.R.*
CHECKED BY:	
DATE :	JULY,2025
SCALE :	*As Shown.*

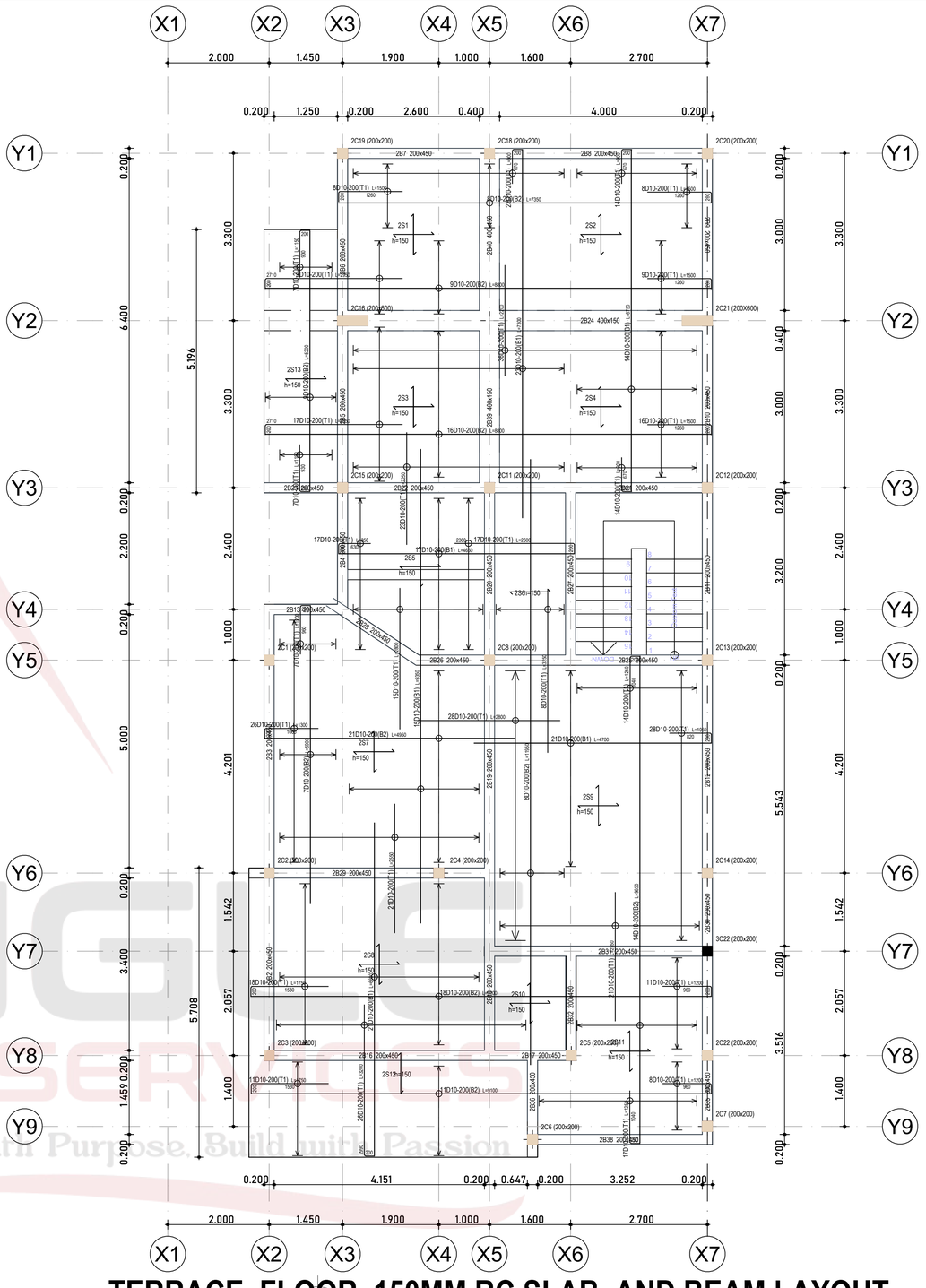
Drg. No. 01

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1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



TERRACE FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion

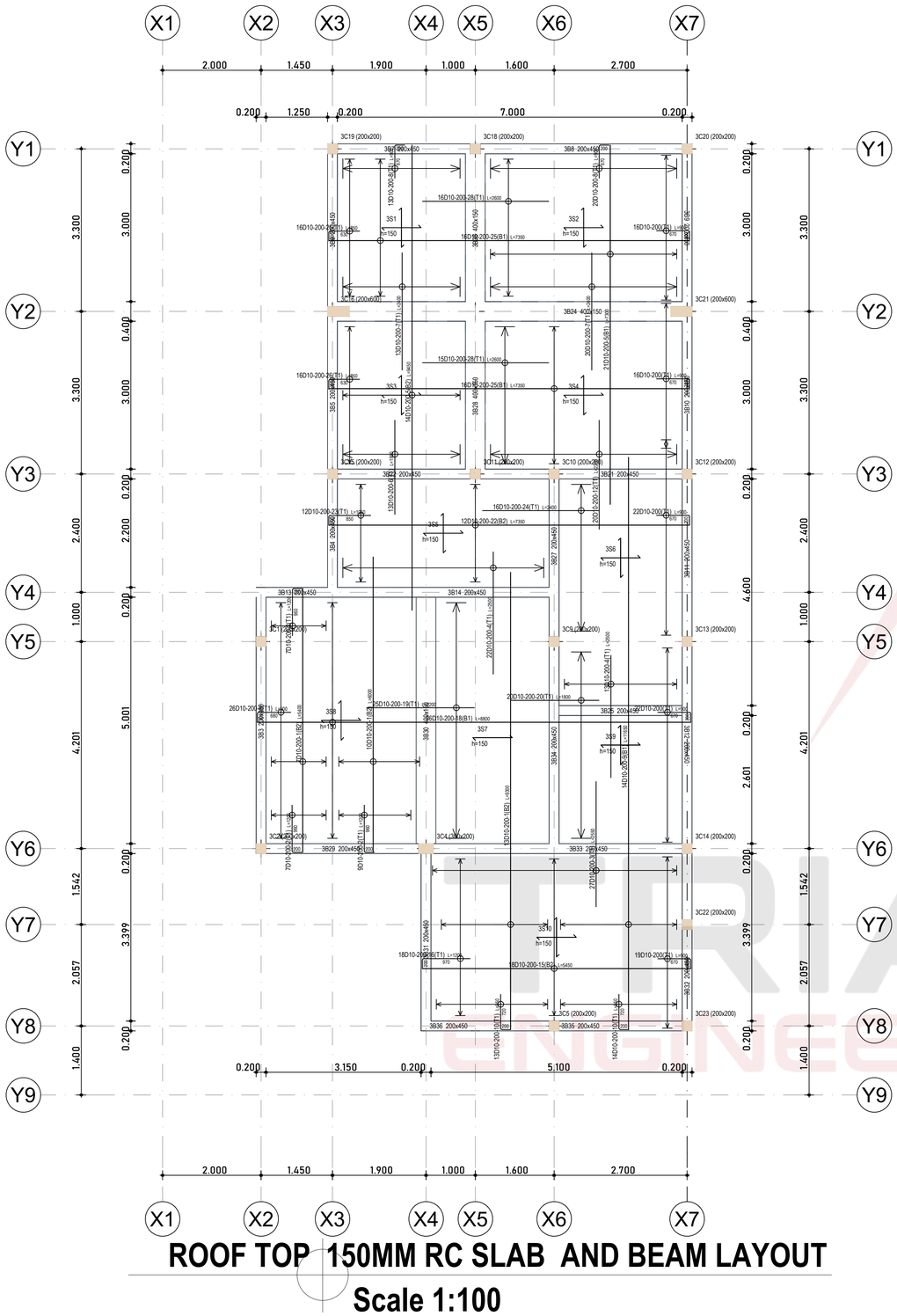
MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

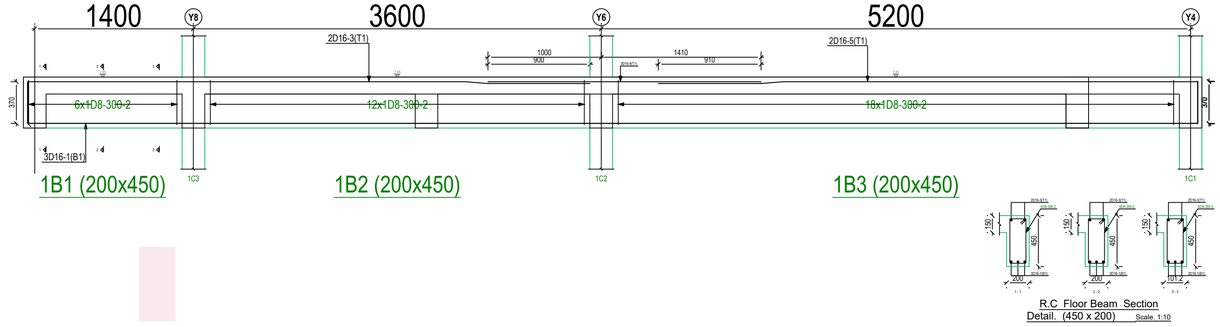
GENERAL NOTES

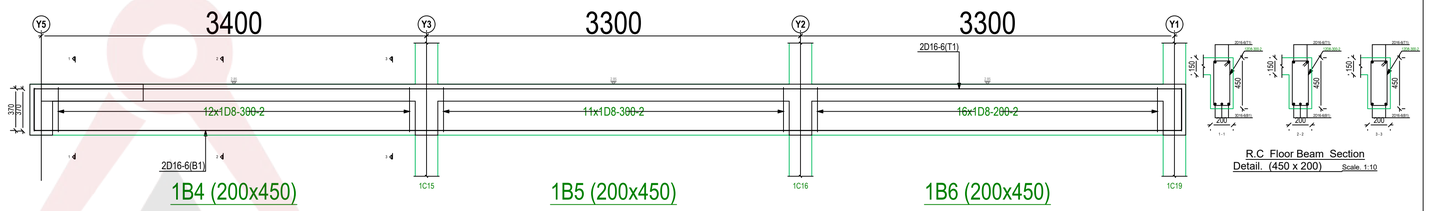
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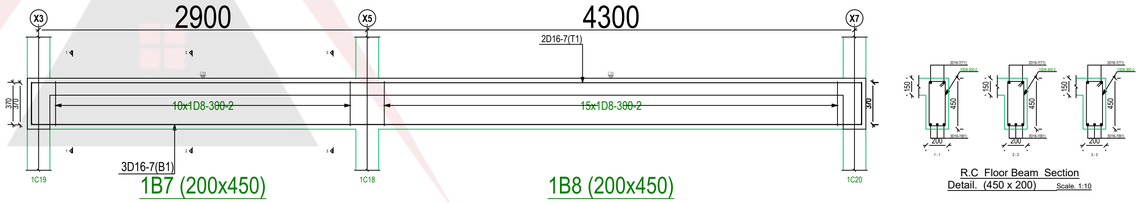
PROJECT:	EJ CAPITAL CONSULTING LIMITED, P.O.BOX 300-00900, KIAMBU.
CLIENT:	PROPOSED SINGLE DWELLING ON PLOT L.R.NO.TINGANGA/ANMER BLOCK 6/2408.
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

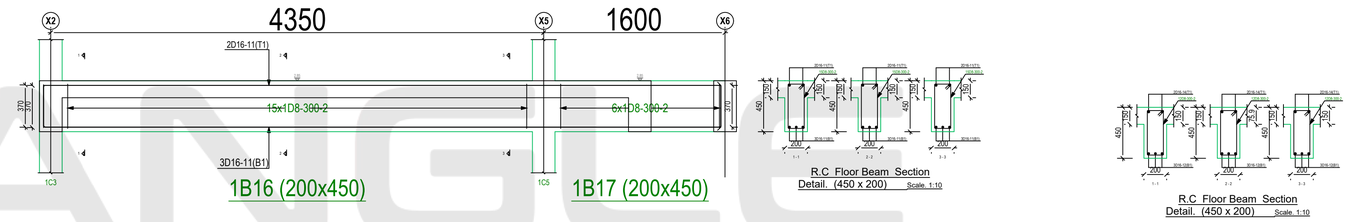
DRAWN BY:	*K.R.*
CHECKED BY:	
DATE :	JULY,2025
SCALE :	*As Shown.*
	Drg. No. 01

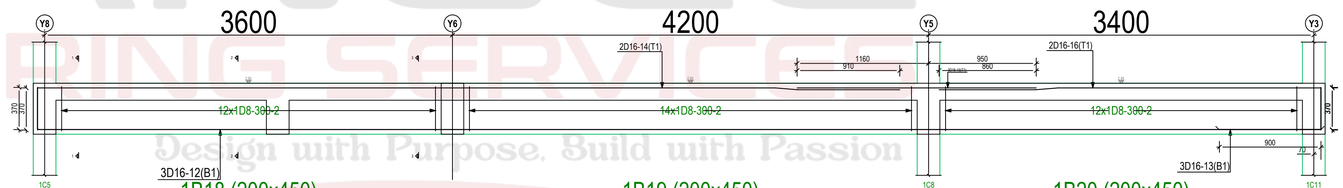


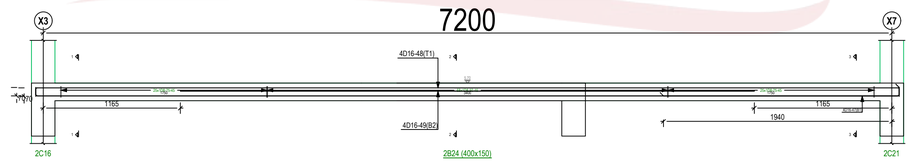


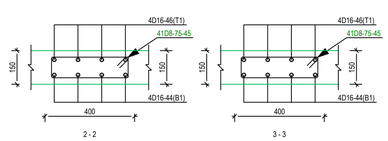












MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

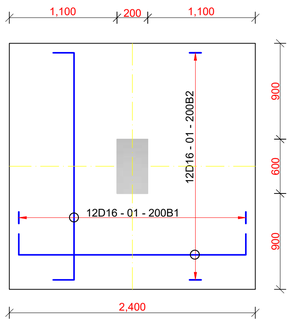
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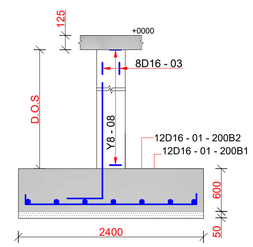
PROJECT:	EJ CAPITAL CONSULTING LIMITED, P.O.BOX 300-00900, KIAMBU.
CLIENT:	PROPOSED SINGLE DWELLING ON PLOT L.R.NO.TINGANGA/ANMER BLOCK 6/2408.
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.
Drg. No. 01	

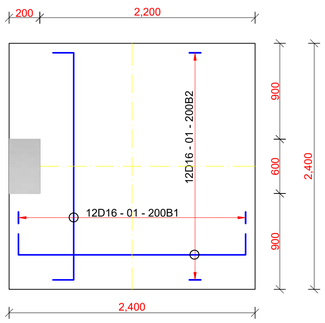
TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion



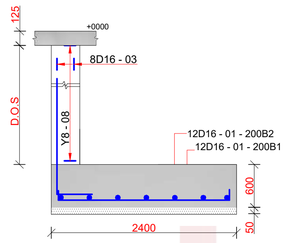
TYPICAL BASE B1(24no.)
(2400x2400x600) Scale. 1:25



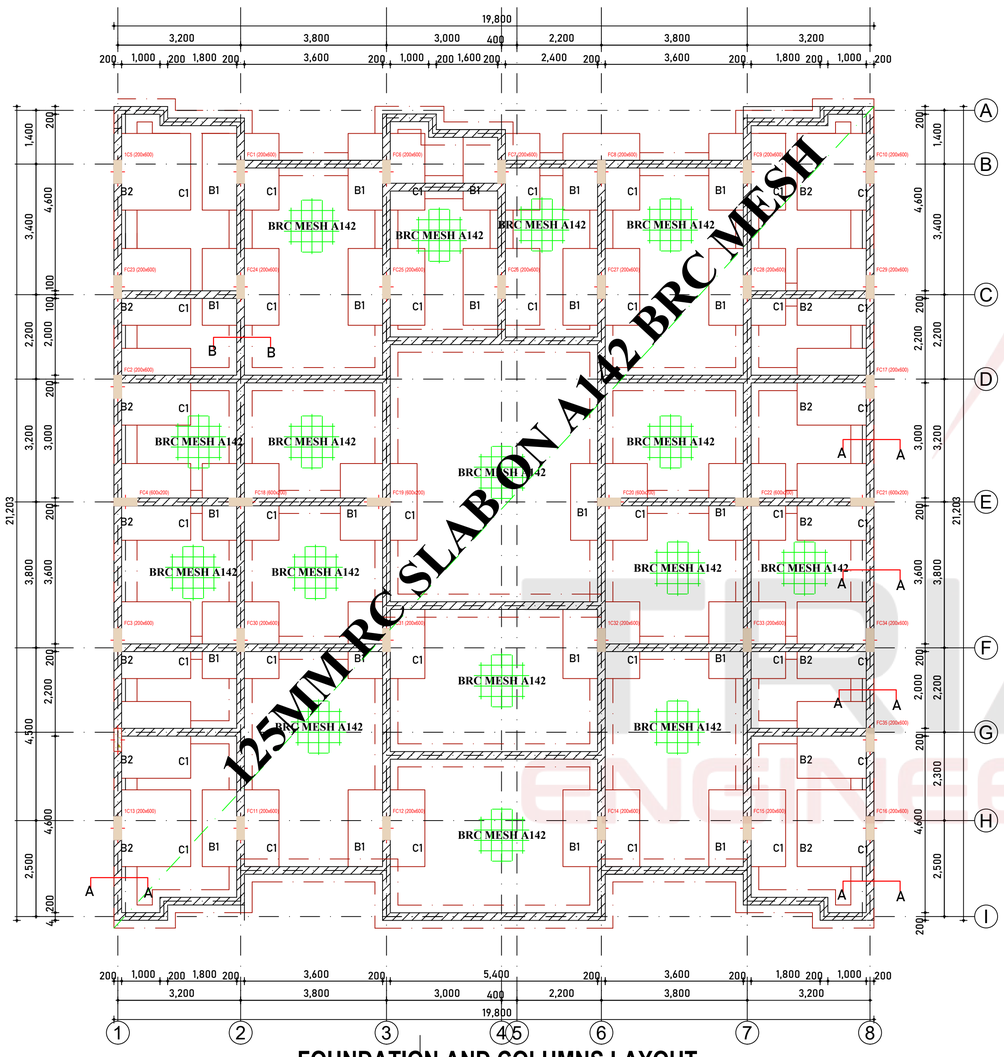
Sectional Detail
Scale. 1:25



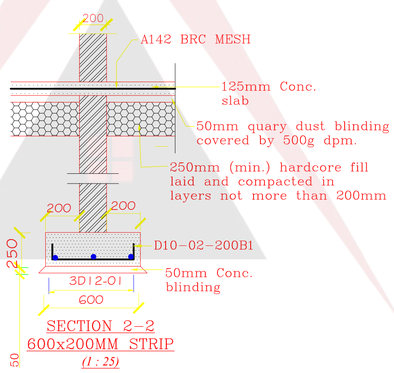
TYPICAL BASE B2(14no.)
(2400x2400x600) Scale. 1:25



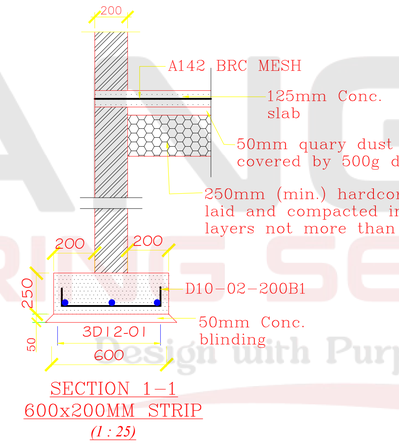
Sectional Detail
Scale. 1:25



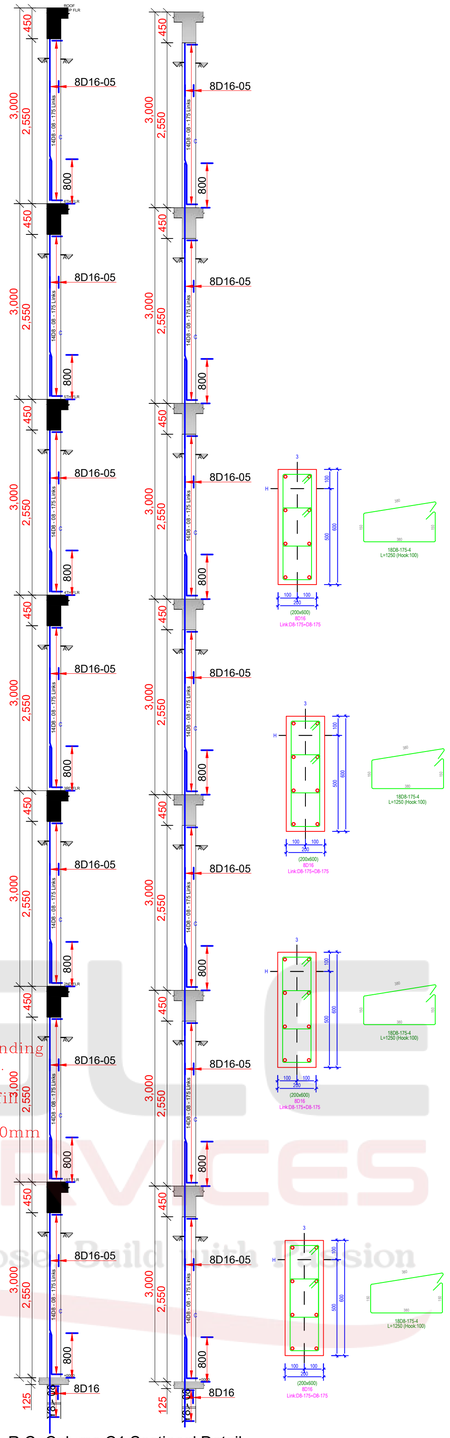
FOUNDATION AND COLUMNS LAYOUT
Scale 1:100



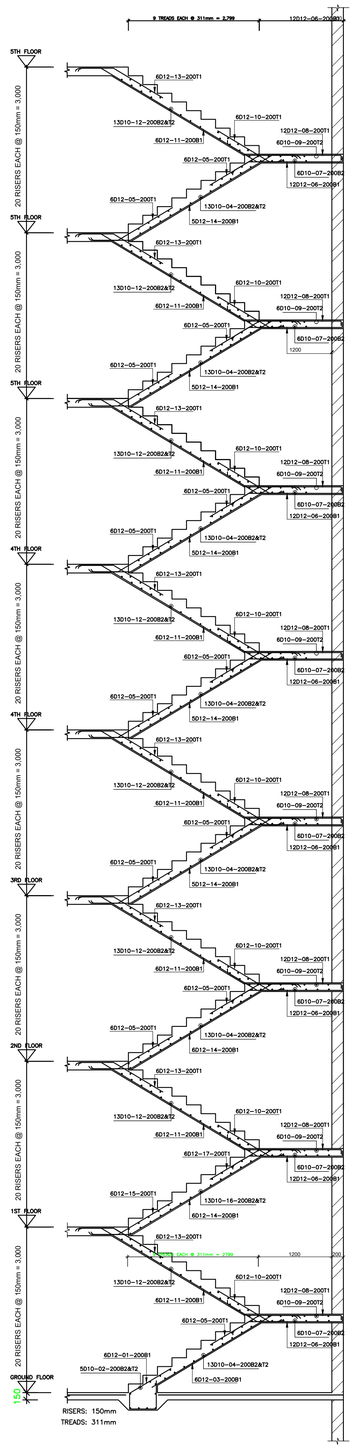
SECTION 2-2
600x200MM STRIP
(1 : 25)



SECTION 1-1
600x200MM STRIP
(1 : 25)



R.C Column C1 Sectional Detail
Scale. 1:20



STAIRCASE R.C DETAILS

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO.7/1298,MWIHOKO,KIAMBU COUNTY.

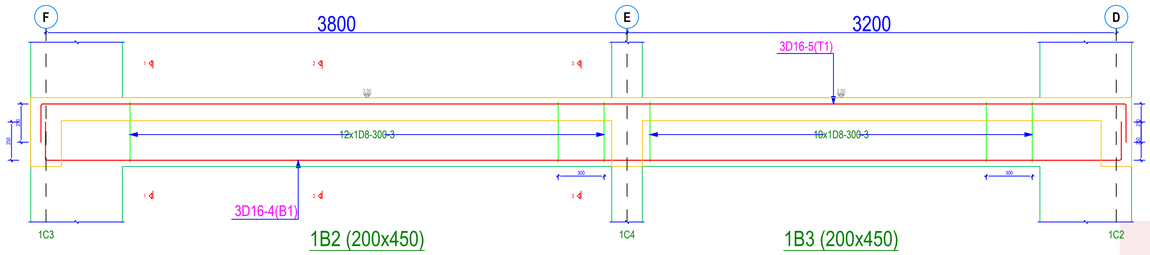
CLIENT: MR.ANDREW RATEMO AND MISS ANNA OMBOGO

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*K.R.*
CHECKED BY:	
DATE :	JULY,2025
SCALE :	*As Shown.*

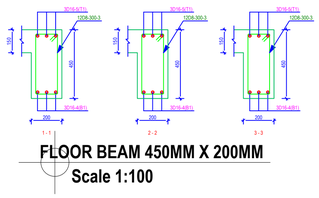
Drg. No. 01

ENGINEERING SERVICES
Design with Purpose Build with Precision



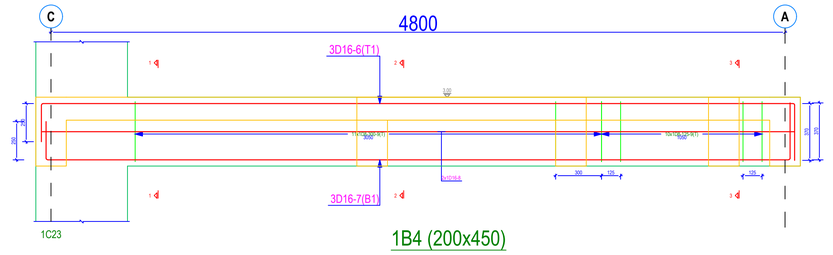
1B2 (200x450)

1B3 (200x450)

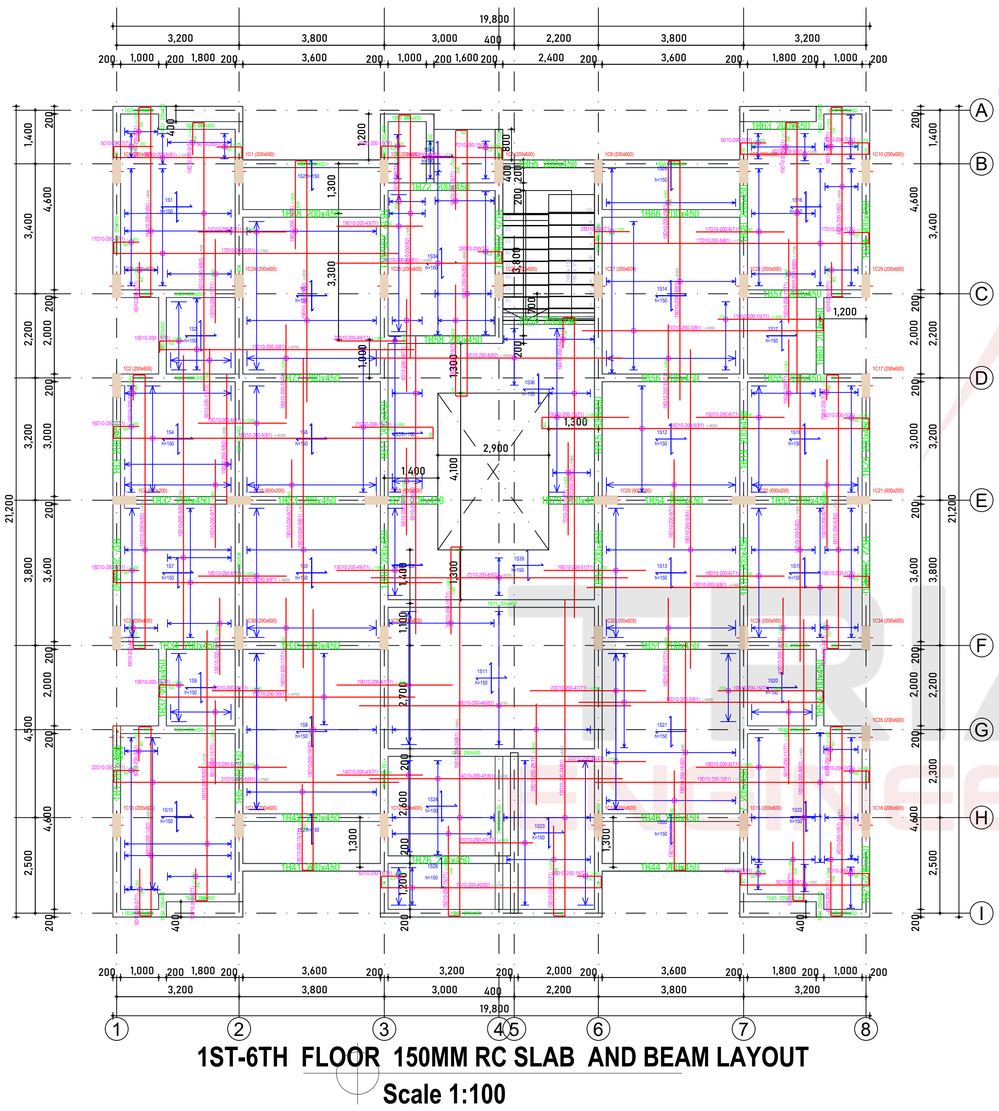


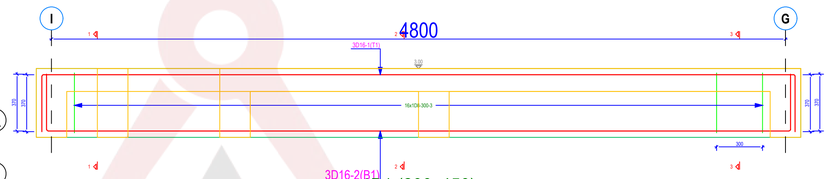
FLOOR BEAM 450MM X 200MM

Scale 1:100

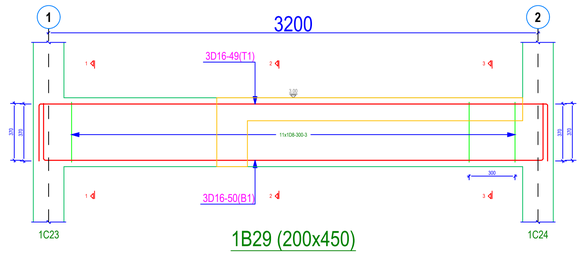


1B4 (200x450)

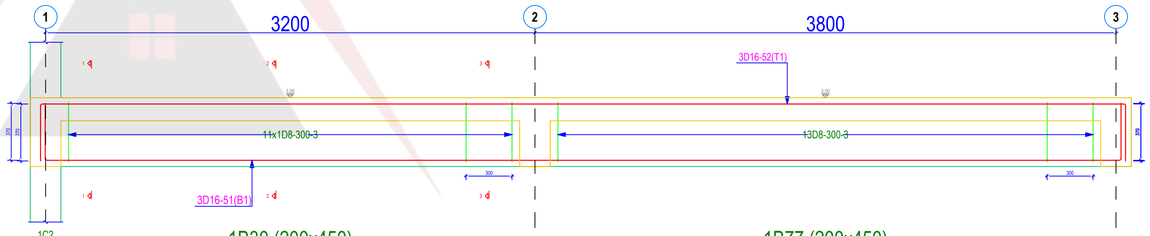




1B1 (200x450)

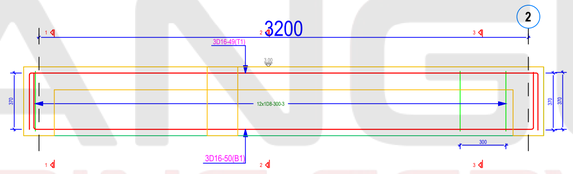


1B29 (200x450)

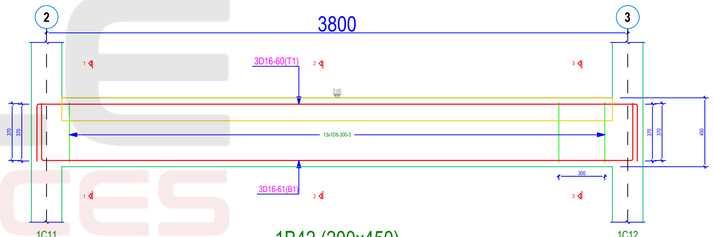


1B30 (200x450)

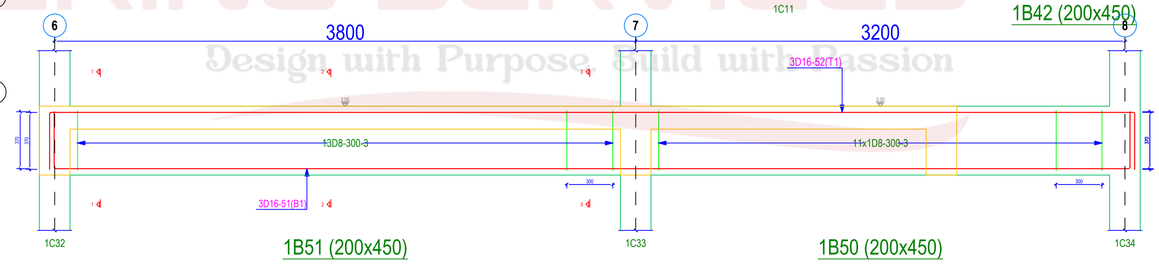
1B77 (200x450)



1B36 (200x450)

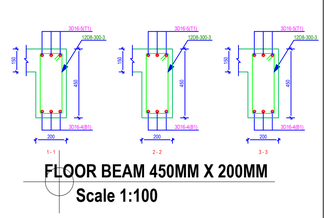


1B42 (200x450)



1B51 (200x450)

1B50 (200x450)



FLOOR BEAM 450MM X 200MM

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

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9. Mild steel reinforcement bars to BS4449 are denoted by 'R'.
10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT ON PLOT LR NO.7/1298,MWIHOKO,KIAMBU COUNTY.

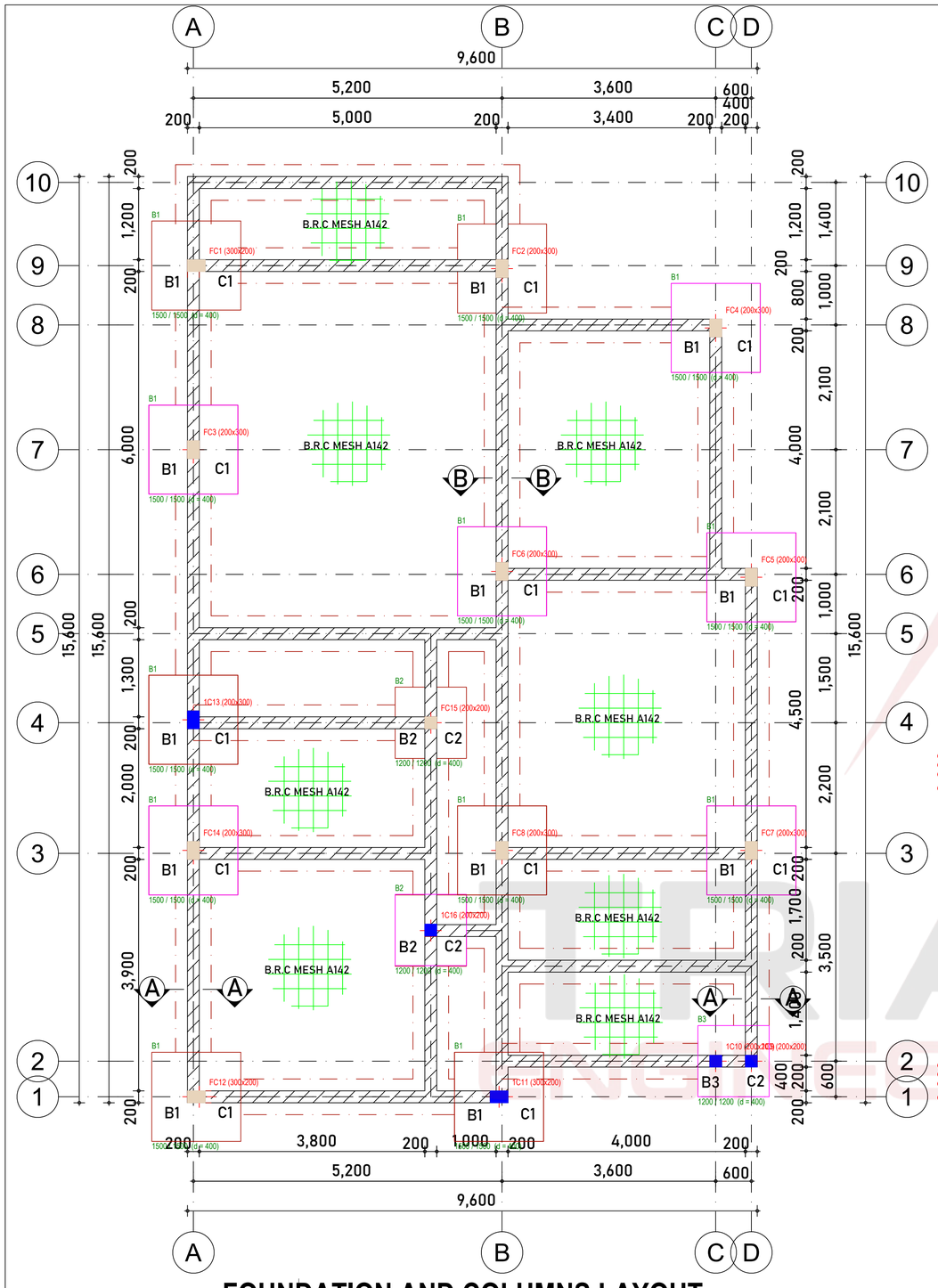
CLIENT: MR.ANDREW RATEMO AND MISS ANNA OMBOGO

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

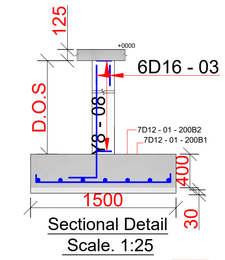
Drg. No. 02

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion

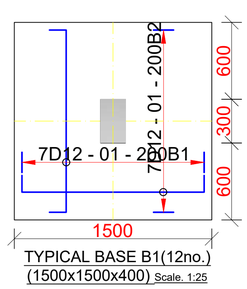


FOUNDATION AND COLUMNS LAYOUT

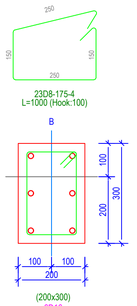
Scale 1:100

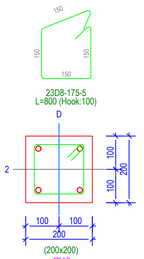


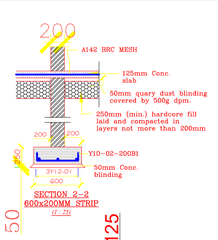
Sectional Detail
Scale. 1:25

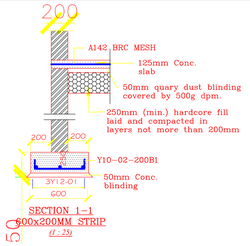


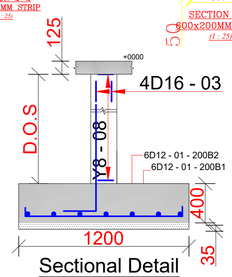
TYPICAL BASE B1(12no.)
(1500x1500x400) Scale. 1:25



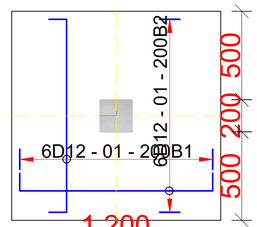




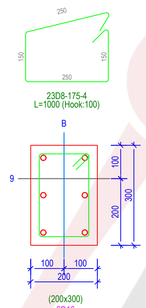


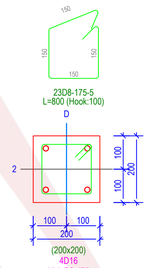


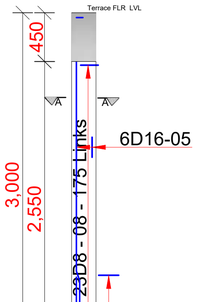
Sectional Detail
Scale. 1:25

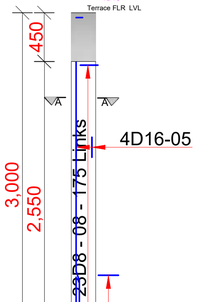


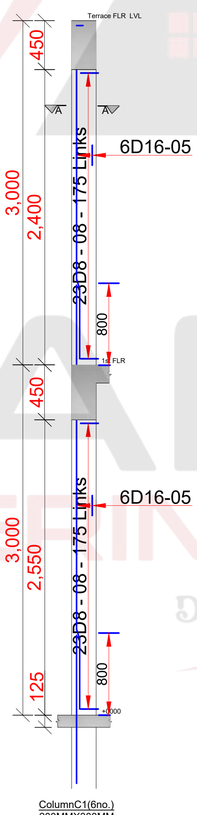
TYPICAL BASE B2(2no.)
(1200x1200x400) Scale. 1:25



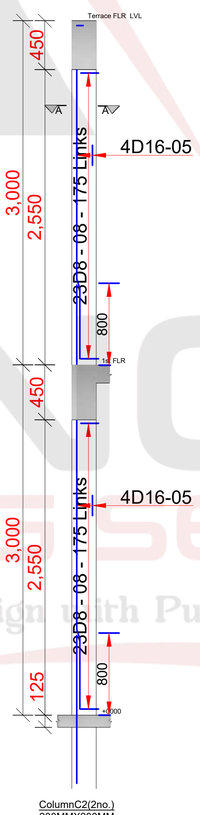




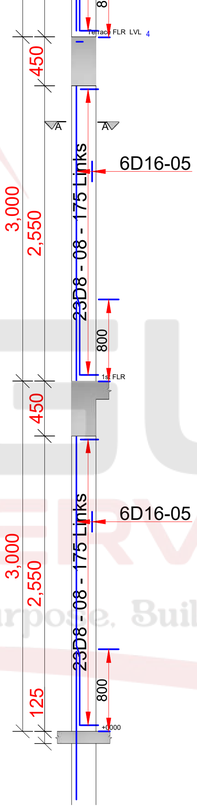




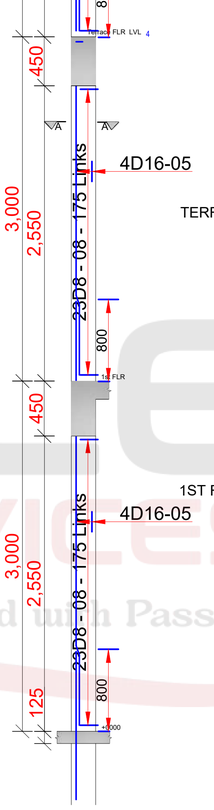
ColumnC1(6no.)
200MMX300MM
Scale. 1:100



ColumnC2(6no.)
200MMX200MM
Scale. 1:100



ColumnC1(6no.)
200MMX300MM
Scale. 1:100



ColumnC2(2no.)
200MMX200MM
Scale. 1:100

Riser: 150mm
Treads: 300mm

STAIRCASE RC DETAILS
SECTION 1-1 WAIST 175mm
SCALE 1:25

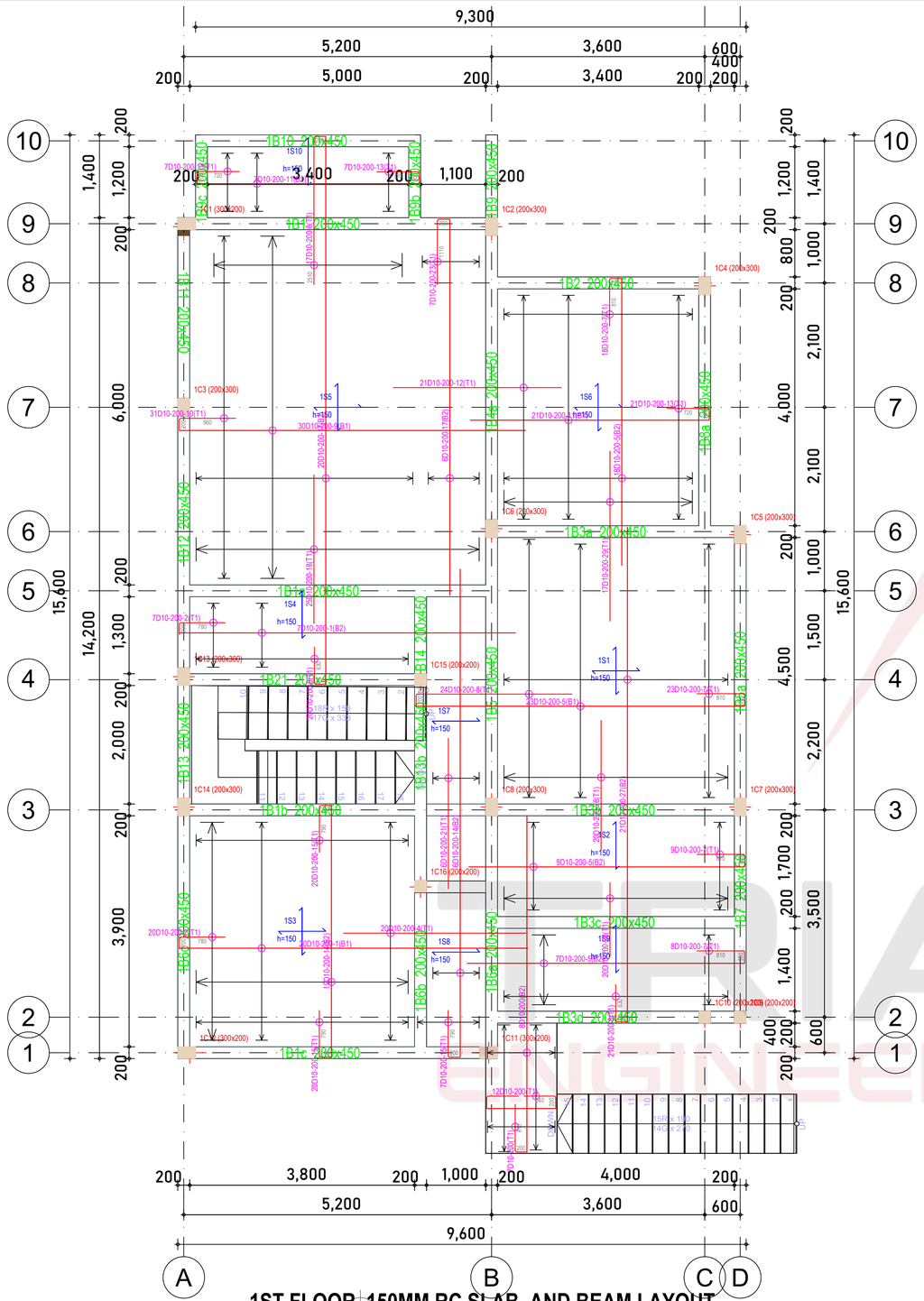
MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

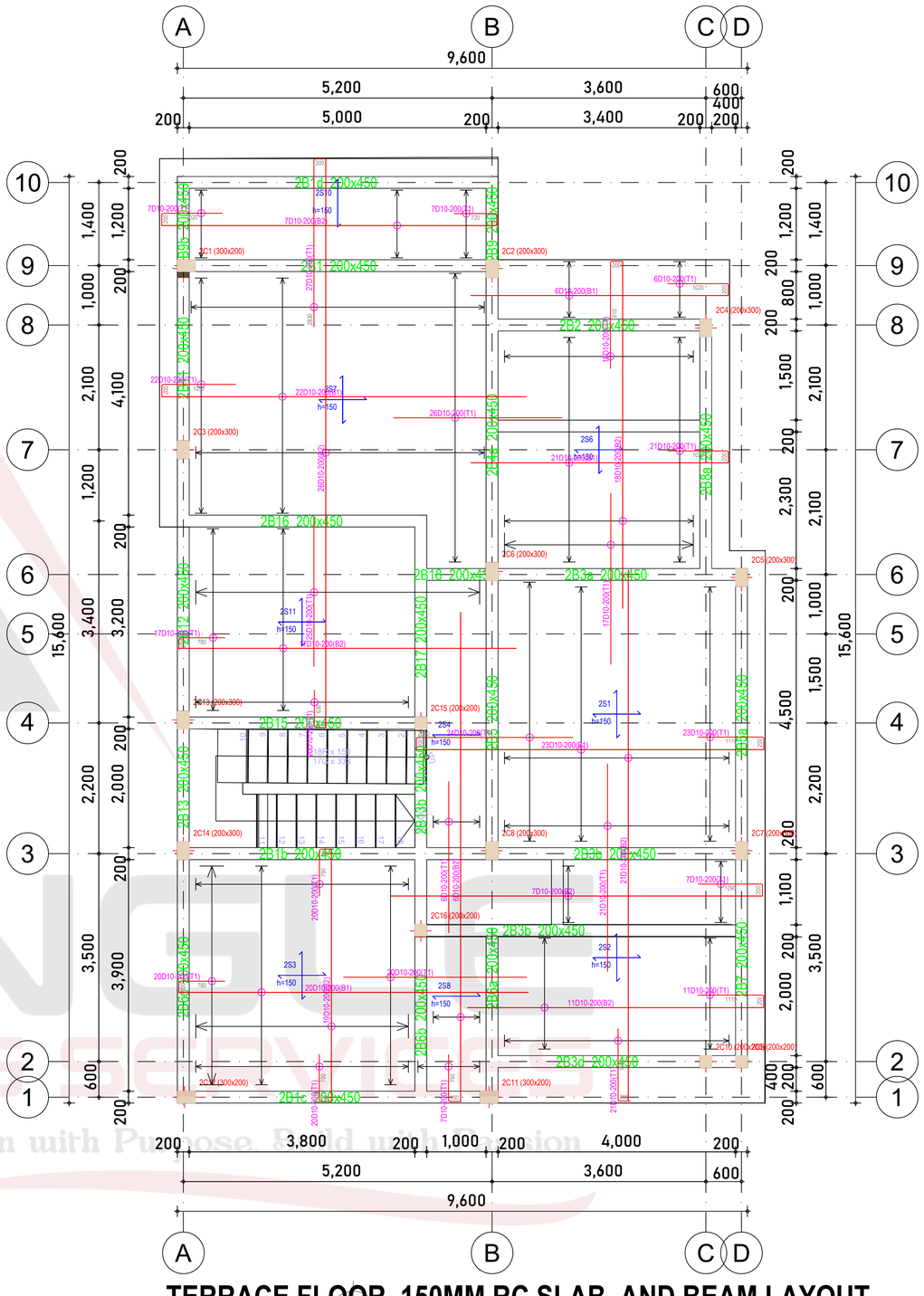
PROJECT:	PROPOSED 4 BEDROOM RESIDENTIAL ON PLOT LR NO.17564/2110,THIKA MUNICIPALITY.
CLIENT:	MR. RAPHAEL KINYOHO
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.
DRAWN BY:	K.R
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.
Drg. No. 01	

TRIANGLE CONSULTING SERVICES
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1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



TERRACE FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

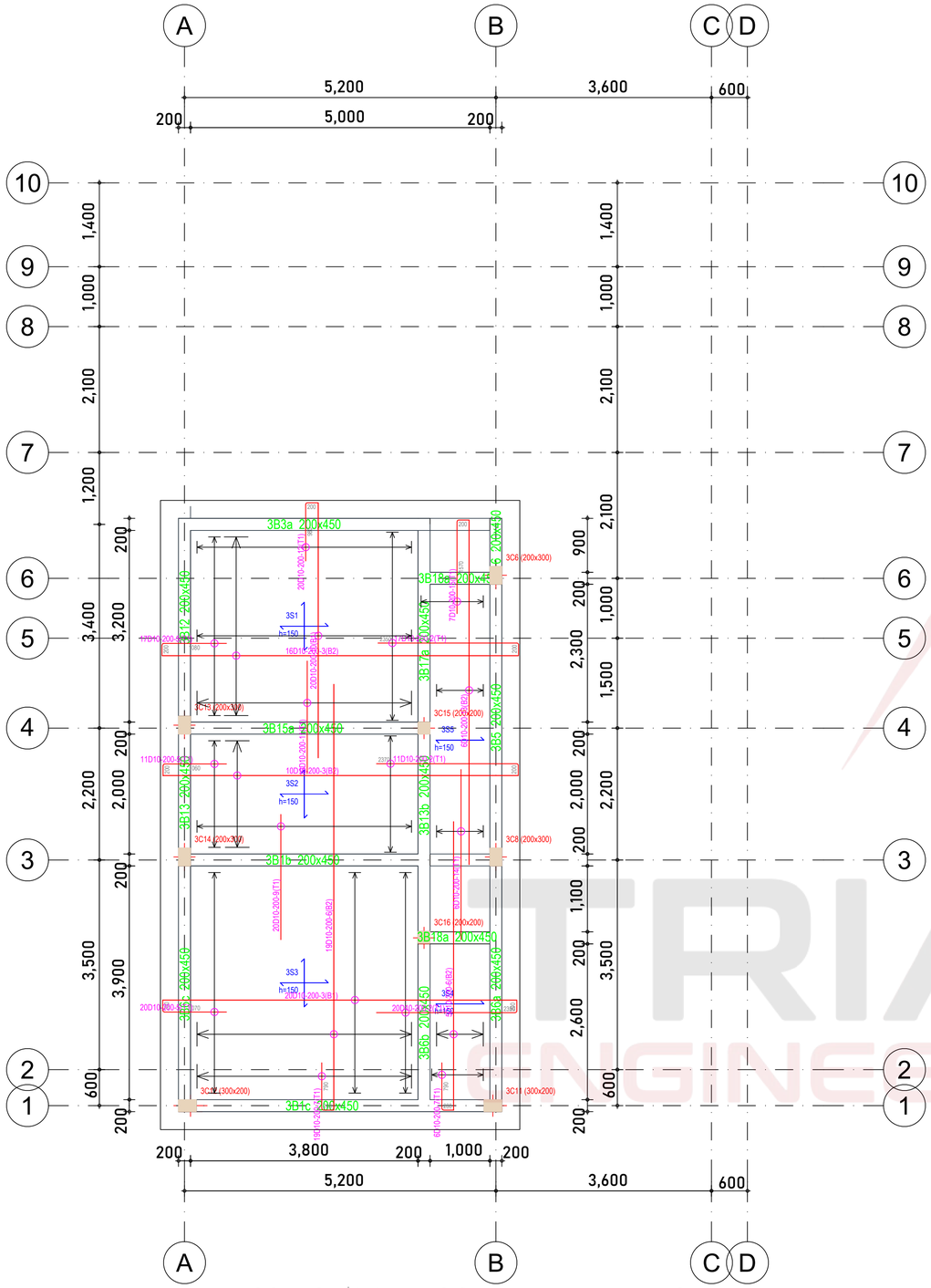
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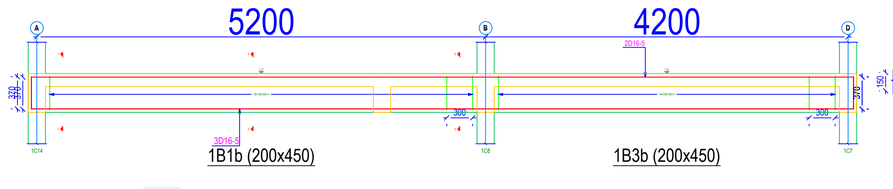
PROJECT:	PROPOSED 4 BEDROOM RESIDENTIAL ON PLOT LR NO.17564/2110,THIKA MUNICIPALITY.
CLIENT:	MR. RAPHAEL KINYOHO
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

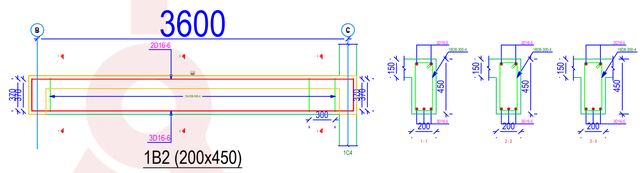
DRAWN BY:	K.R
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

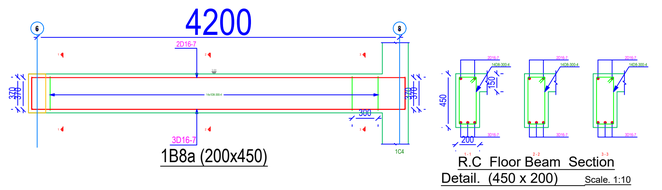
Drg. No. 01

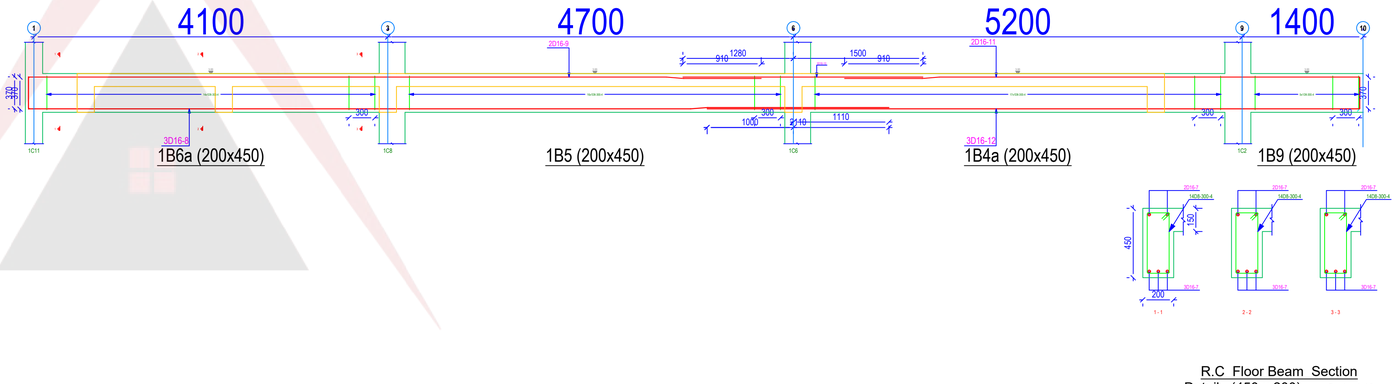
TRIANGLE ENGINEERING SERVICES
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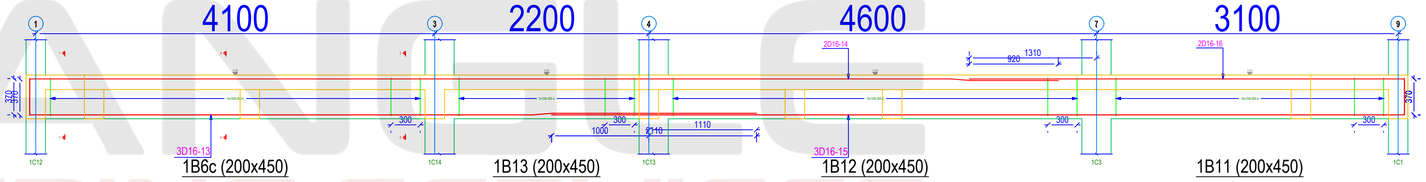


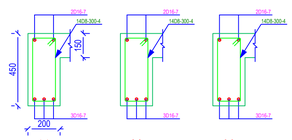












MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

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PROJECT: PROPOSED 4 BEDROOM RESIDENTIAL ON PLOT LR NO.17564/2110,THIKA MUNICIPALITY.

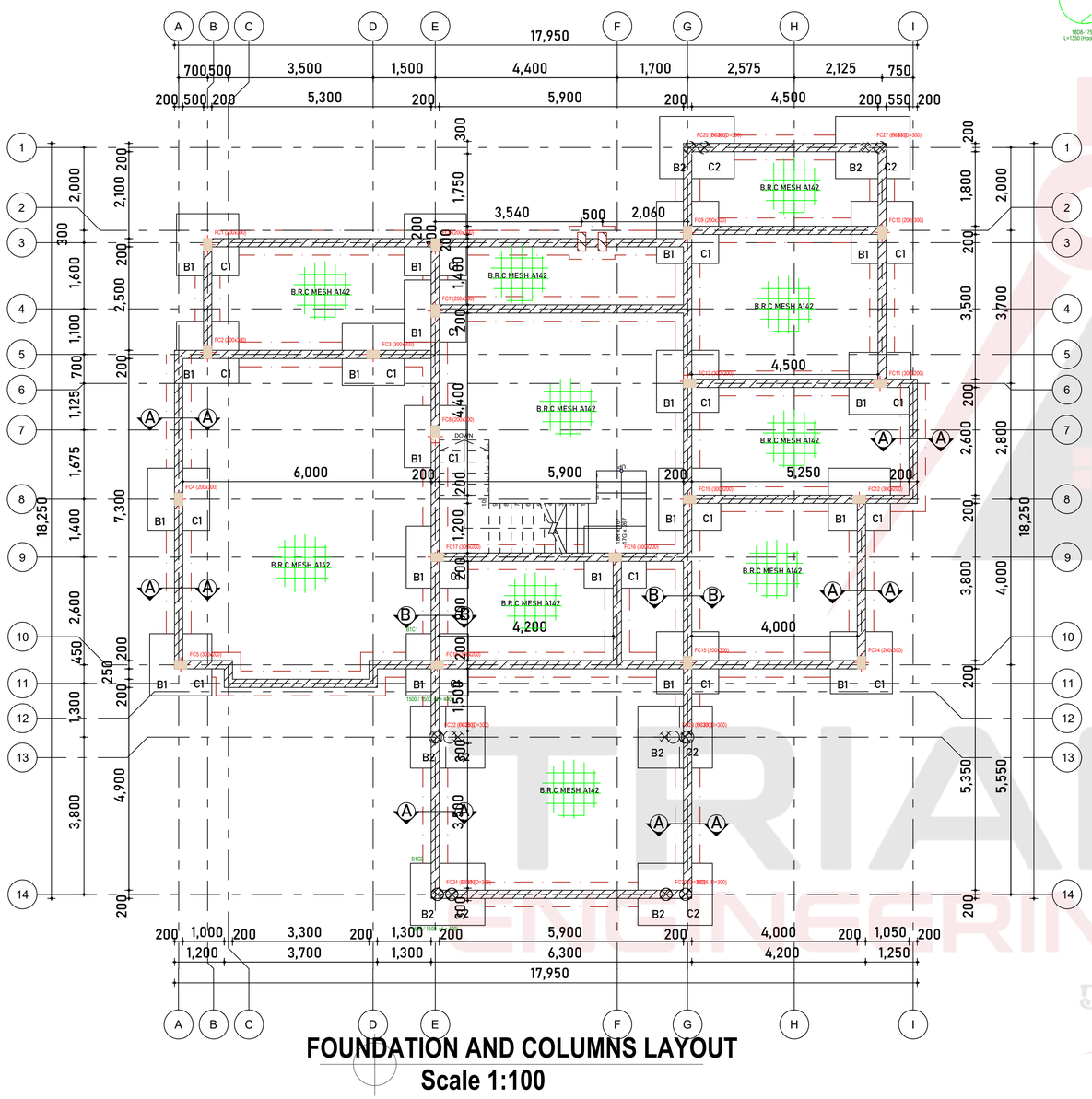
CLIENT: MR. RAPHAEL KINYOHO

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

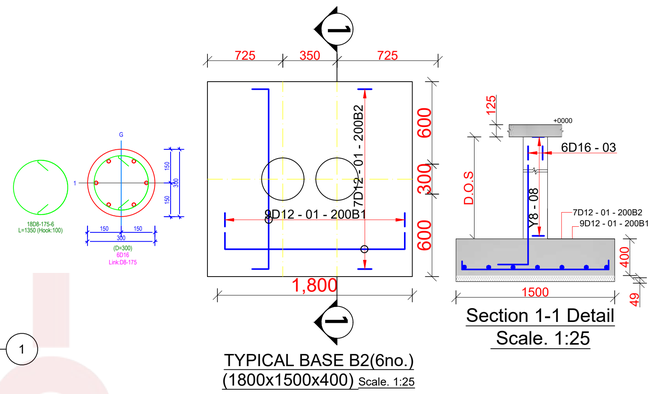
DRAWN BY:	K.R
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

Drg. No. 01

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion

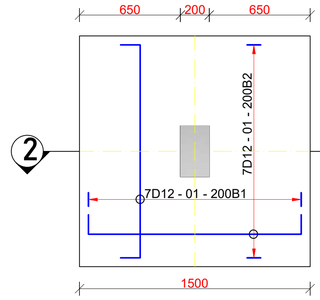


FOUNDATION AND COLUMNS LAYOUT
Scale 1:100

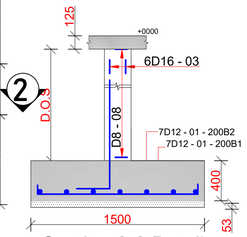


TYPICAL BASE B2(6no.)
(1800x1500x400) Scale. 1:25

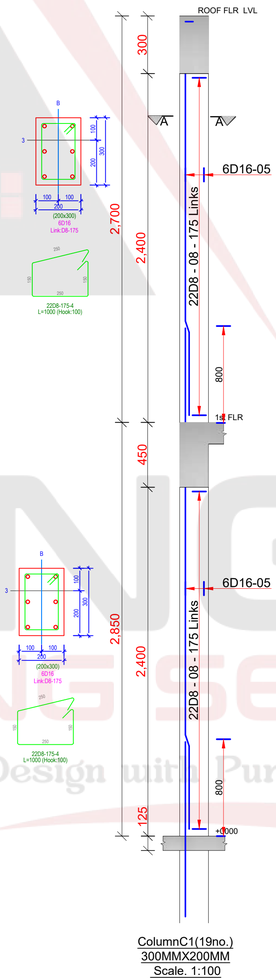
Section 1-1 Detail
Scale. 1:25



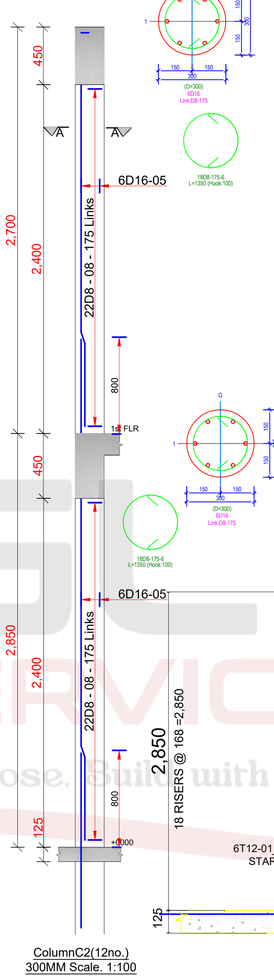
TYPICAL BASE B1(19no.)
(1500x1500x400) Scale. 1:25



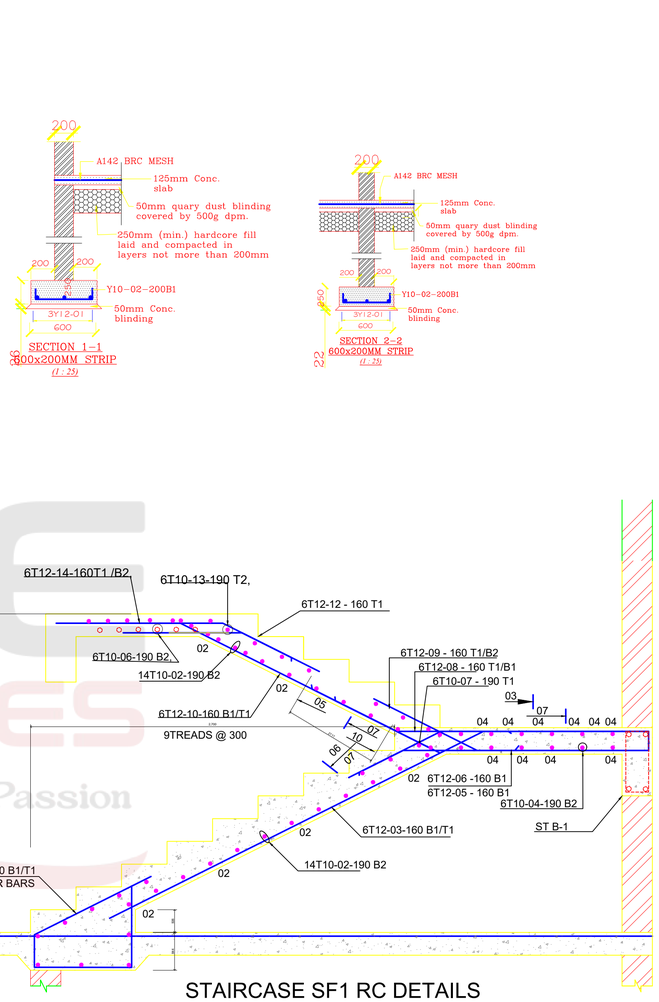
Section 2-2 Detail
Scale. 1:25



ColumnC1(19no.)
300MMX200MM
Scale. 1:100



ColumnC2(12no.)
300MM Scale. 1:100



STAIRCASE SF1 RC DETAILS
WAIST 180mm
SCALE: 1:25

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

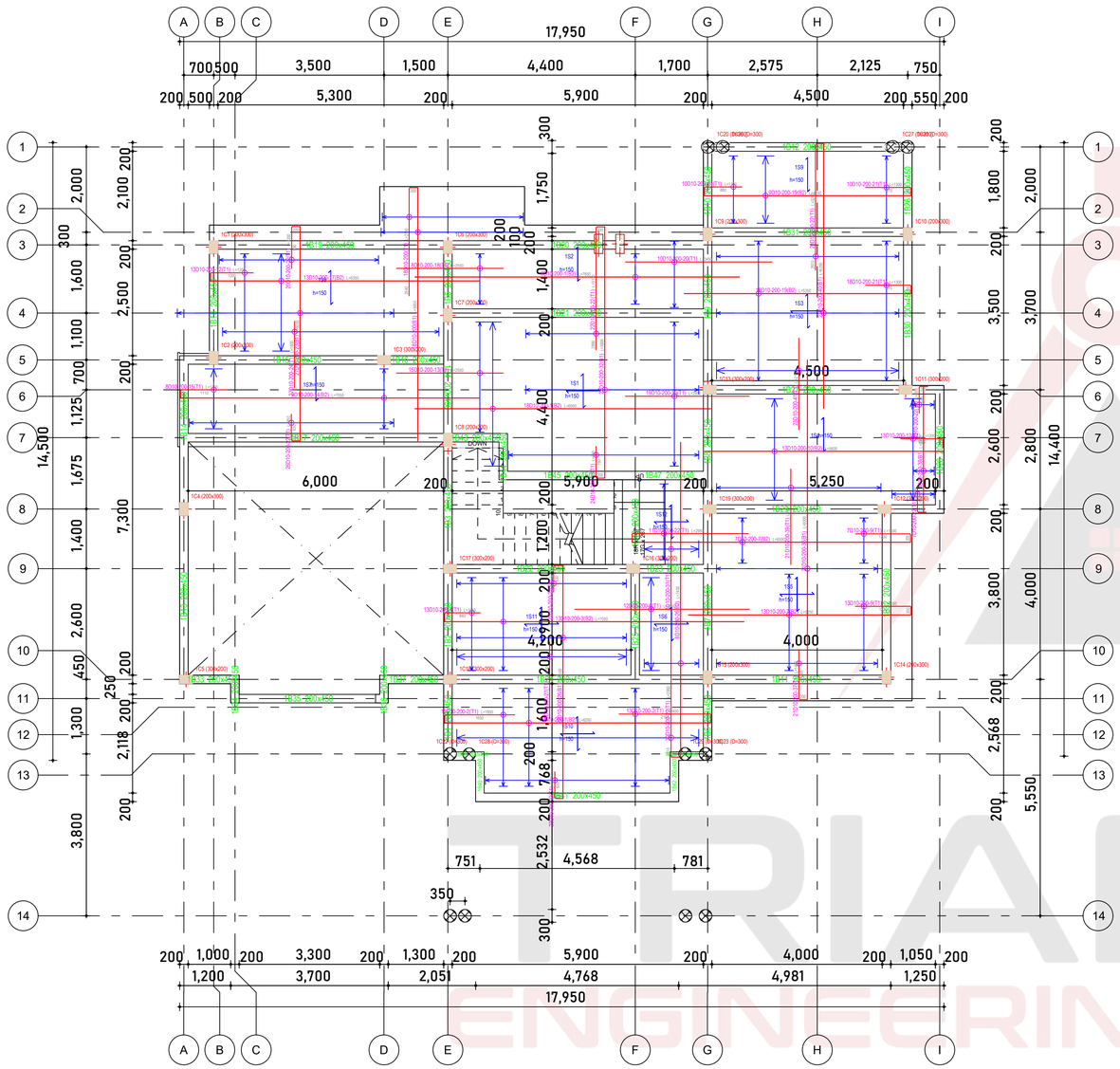
GENERAL NOTES

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10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT:	PROPOSED 4 BEDROOM MAISONETTE ON PLOT NO.KISUMU/KONYA/7524.
CLIENT:	DONALD OCHIENG.
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

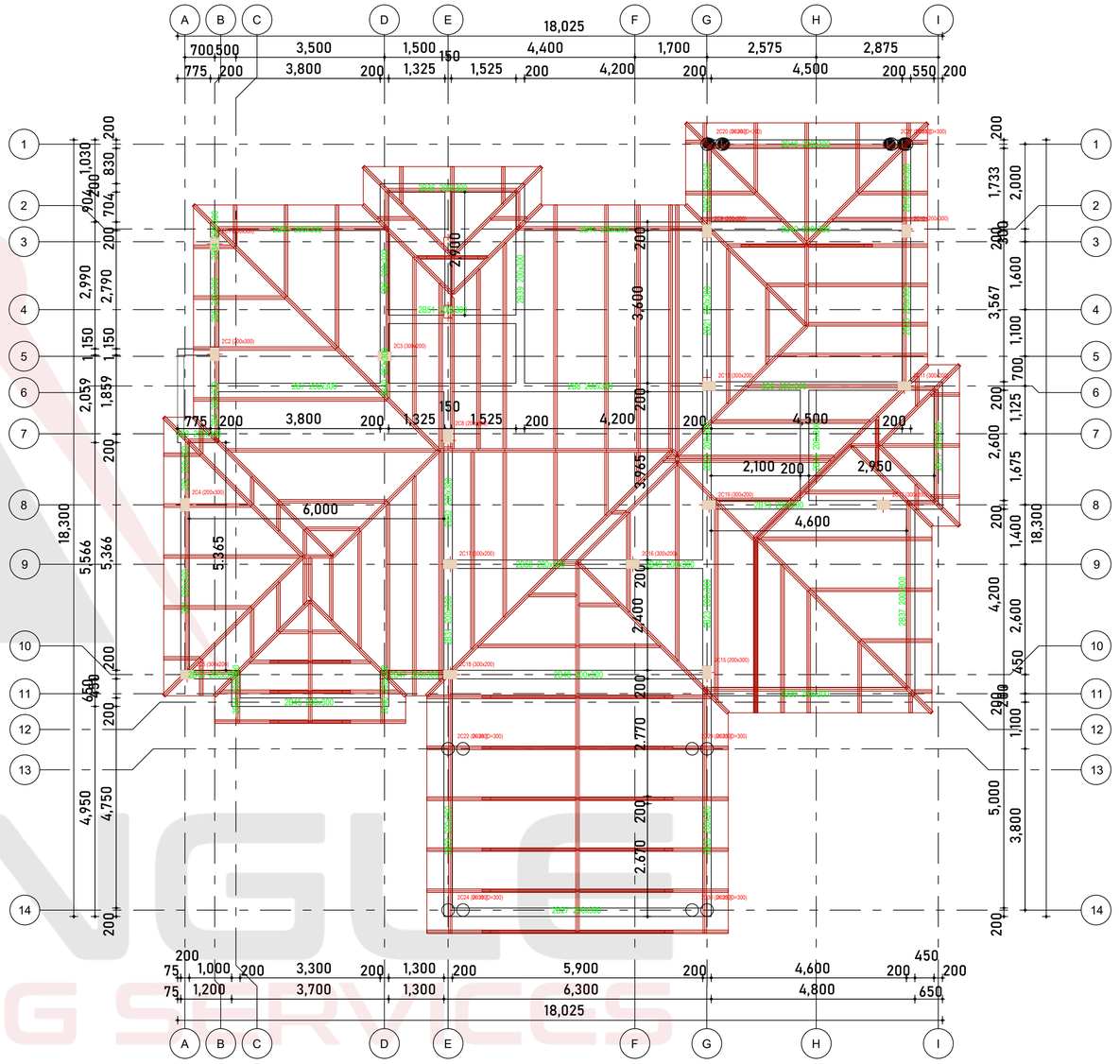
DRAWN BY:	K.R
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.
Drg. No.	

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion



1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



ROOF PLAN AND BEAM LAYOUT

Scale 1:100

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

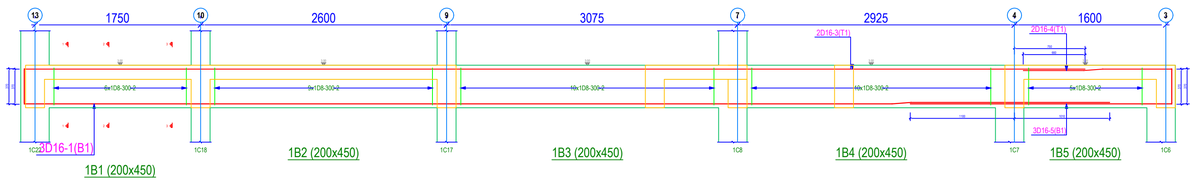
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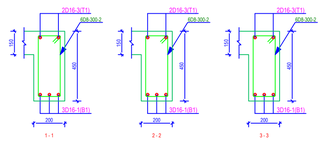
PROJECT:	PROPOSED 4 BEDROOM MAISONETTE ON PLOT NO.KISUMU/KONYA/7524.
CLIENT:	DONALD OCHIENG.
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	K.R.
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.
Drg. No.	

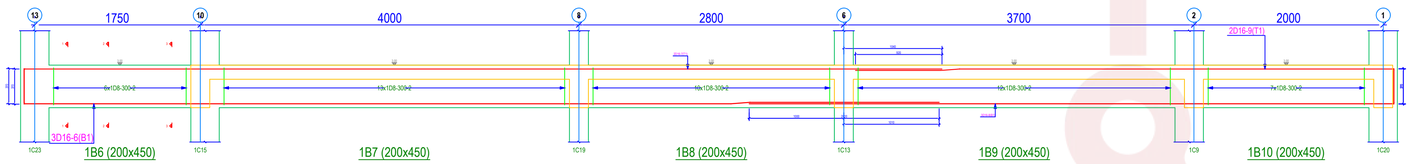
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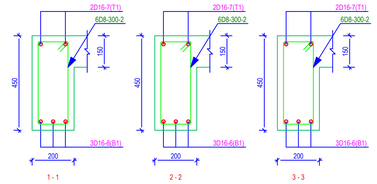
1B1 (200x450) 1B2 (200x450) 1B3 (200x450) 1B4 (200x450) 1B5 (200x450)



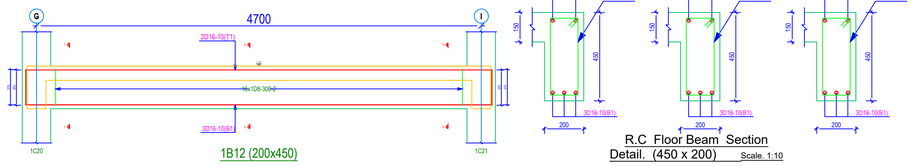
R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10



1B6 (200x450) 1B7 (200x450) 1B8 (200x450) 1B9 (200x450) 1B10 (200x450)

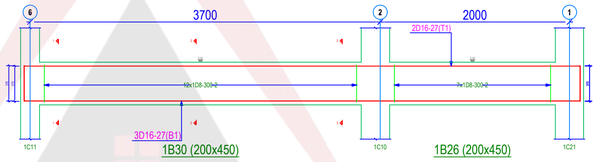


R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

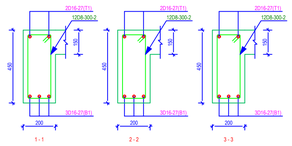


1B12 (200x450)

R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

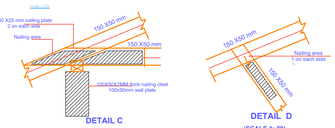


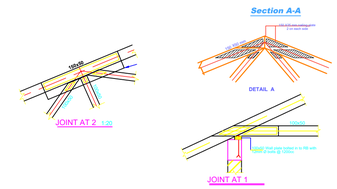
1B30 (200x450) 1B26 (200x450)

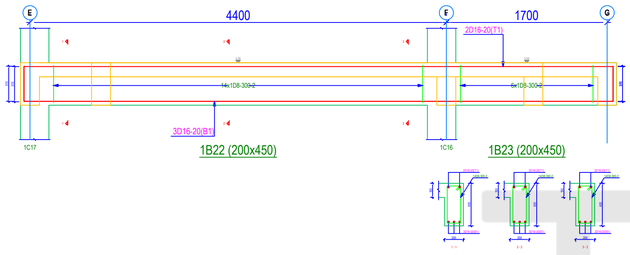


R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

ROOF TRUSSES MEMBERS
External members - 150x50
Internal members - 100x50
Hip & Valley rafters - 150x50
Common rafters - 150x50 @ 1200C/C
Underpurlins - 150x50

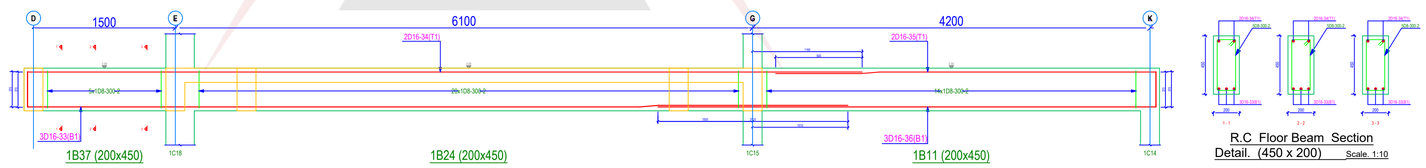






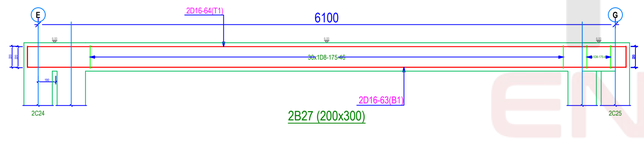
1B22 (200x450) 1B23 (200x450)

R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

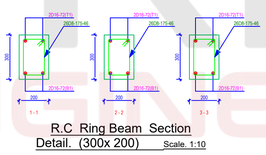


1B37 (200x450) 1B24 (200x450) 1B11 (200x450)

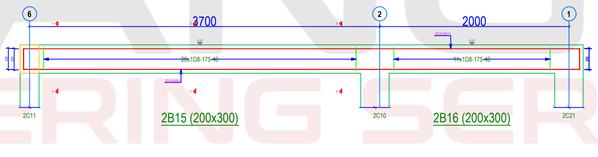
R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10



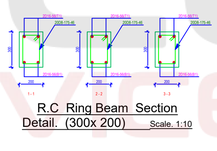
2B27 (200x300)



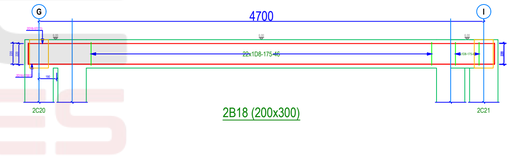
R.C Ring Beam Section
Detail. (300x 200) Scale. 1:10



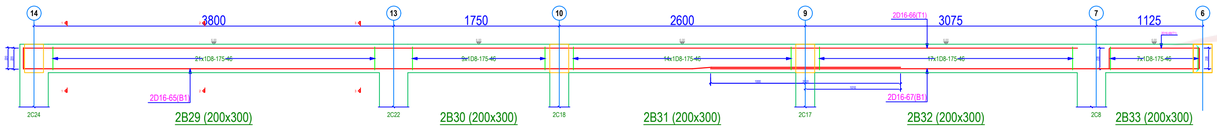
2B15 (200x300) 2B16 (200x300)



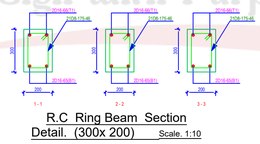
R.C Ring Beam Section
Detail. (300x 200) Scale. 1:10



2B18 (200x300)



2B29 (200x300) 2B30 (200x300) 2B31 (200x300) 2B32 (200x300) 2B33 (200x300)



R.C Ring Beam Section
Detail. (300x 200) Scale. 1:10

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

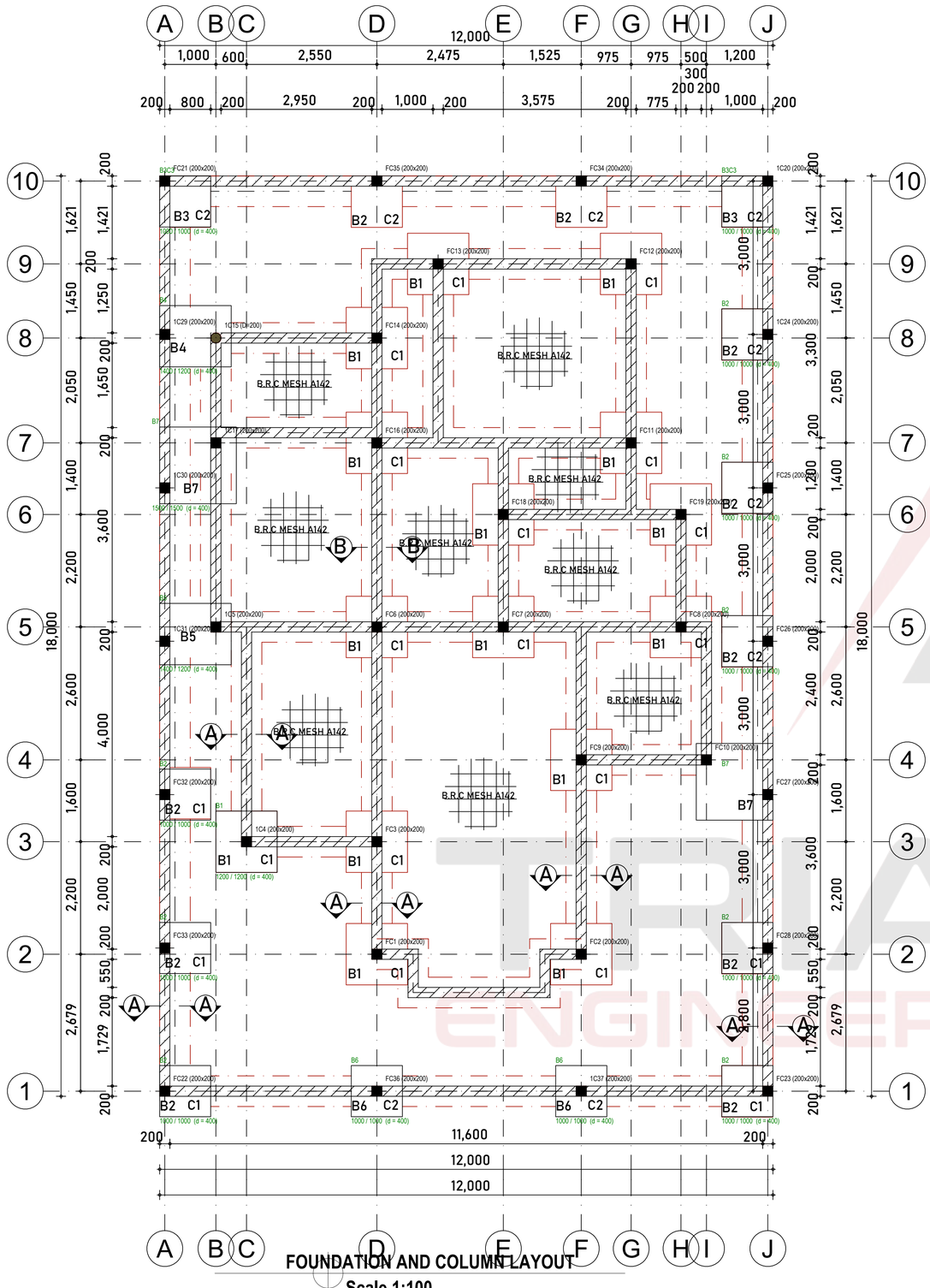
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   Bases - 50mm
5. All black cotton soil to be removed before construction.
6. Concrete strength to be class 25\20 for all structural elements
7. Concrete strength for blinding to be class 15/40.
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9. Mild steel reinforcement bars to BS4449 are denoted by 'R'.
10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT:	PROPOSED 4 BEDROOM MAISONETTE ON PLOT NO.KISUMU/KONYA/7524.
CLIENT:	DONALD OCHIENG.
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

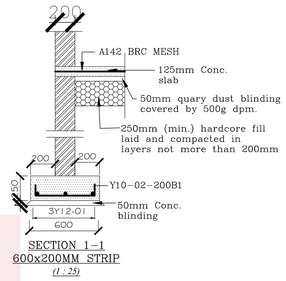
DRAWN BY:	K.R
CHECKED BY:	
DATE :	JULY,2025
SCALE :	As Shown.

Drg. No.

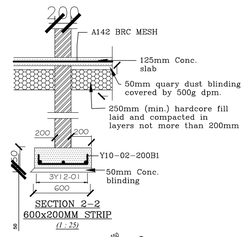
TRIANGLE ENGINEERING SERVICES
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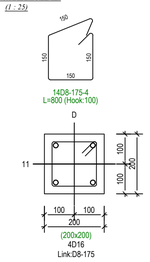
FOUNDATION AND COLUMN LAYOUT
Scale 1:100

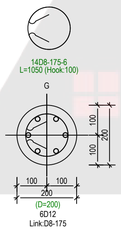


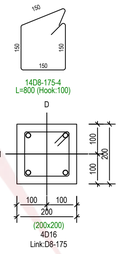
SECTION 1–1
600x200MM STRIP
(1 : 25)

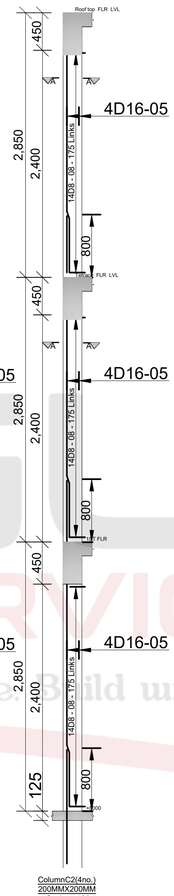


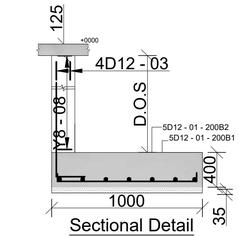
SECTION 2–2
600x200MM STRIP
(1 : 25)



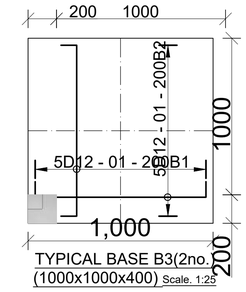




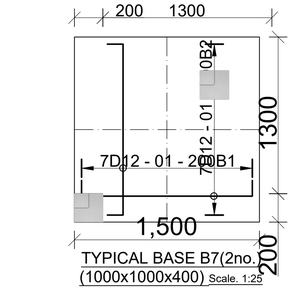




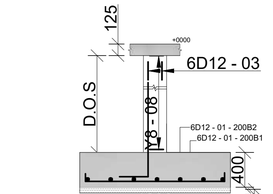
Sectional Detail
Scale. 1:25



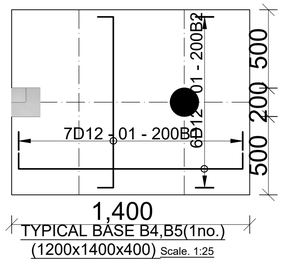
TYPICAL BASE B3(2no.)
(1000x1000x400) Scale. 1:25



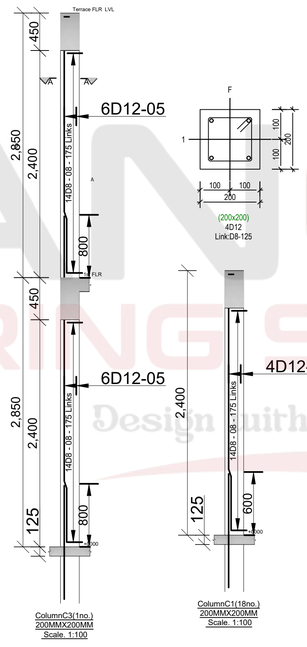
TYPICAL BASE B7(2no.)
(1000x1000x400) Scale. 1:25



Sectional Detail
Scale. 1:25



TYPICAL BASE B4,B5(1no.)
(1200x1400x400) Scale. 1:25

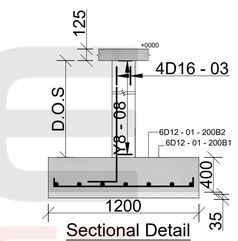


ColumnC3(1no.)
200MMX200MM
Scale. 1:100

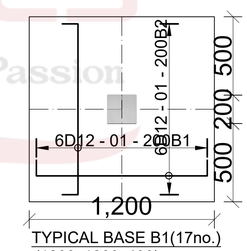
ColumnC1(18no.)
200MMX200MM
Scale. 1:100

ColumnC1(11no.)
200MMX200MM
Scale. 1:100

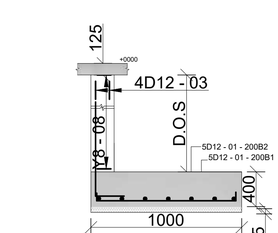
ColumnC2(4no.)
200MMX200MM
Scale. 1:100



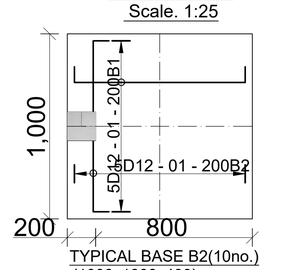
Sectional Detail
Scale. 1:25



TYPICAL BASE B1(17no.)
(1200x1200x400) Scale. 1:25



Sectional Detail
Scale. 1:25



TYPICAL BASE B2(10no.)
(1000x1000x400) Scale. 1:25

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

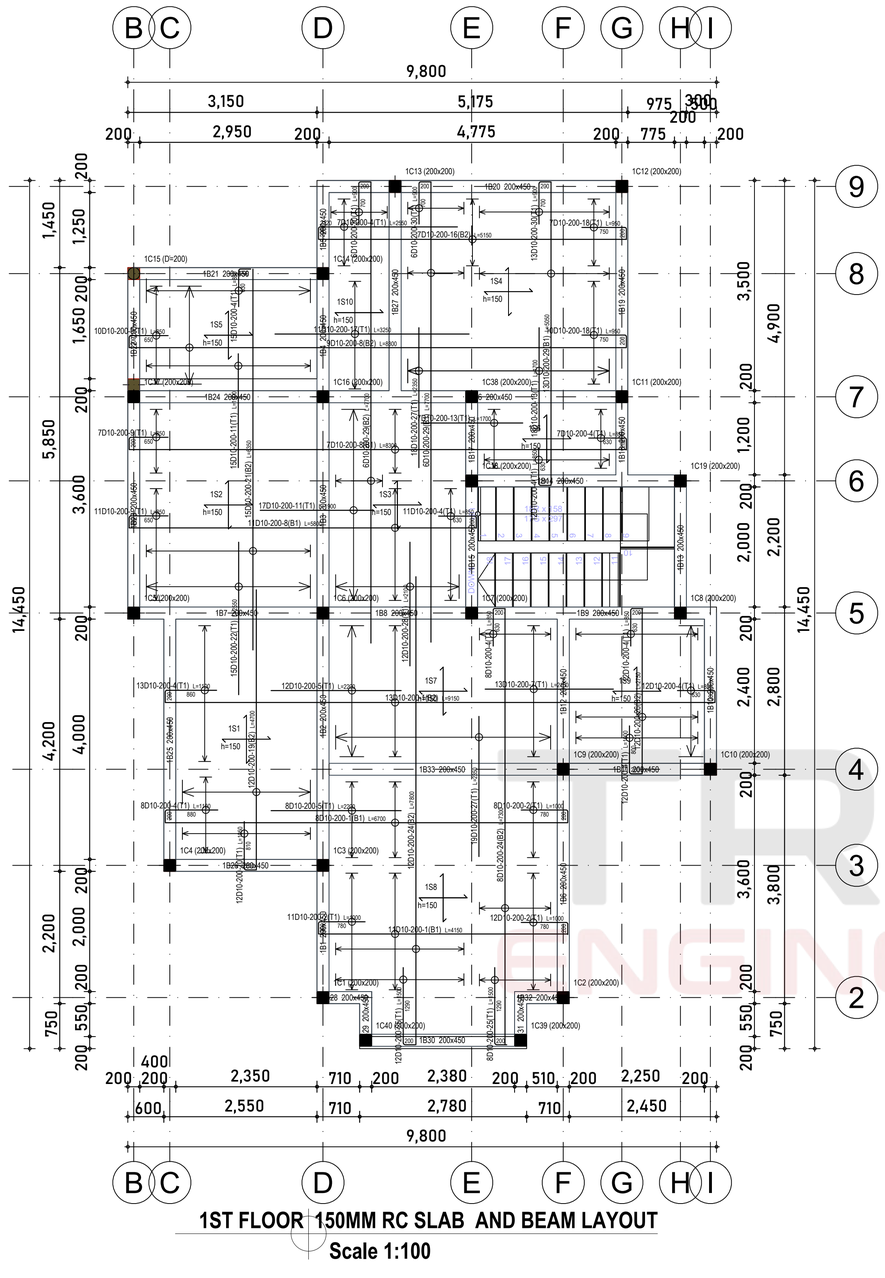
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PROJECT:	PROPOSED: 4–BEDROOM RESIDENTIAL MAINSIONETTE HOUSE ON PLOT TITLE NO.KIAMBAA/KIHARA/8954. IN KIAMBU COUNTY OFF KIHARA RD
CLIENT:	TERRY BAHATI HUSSEIN
TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

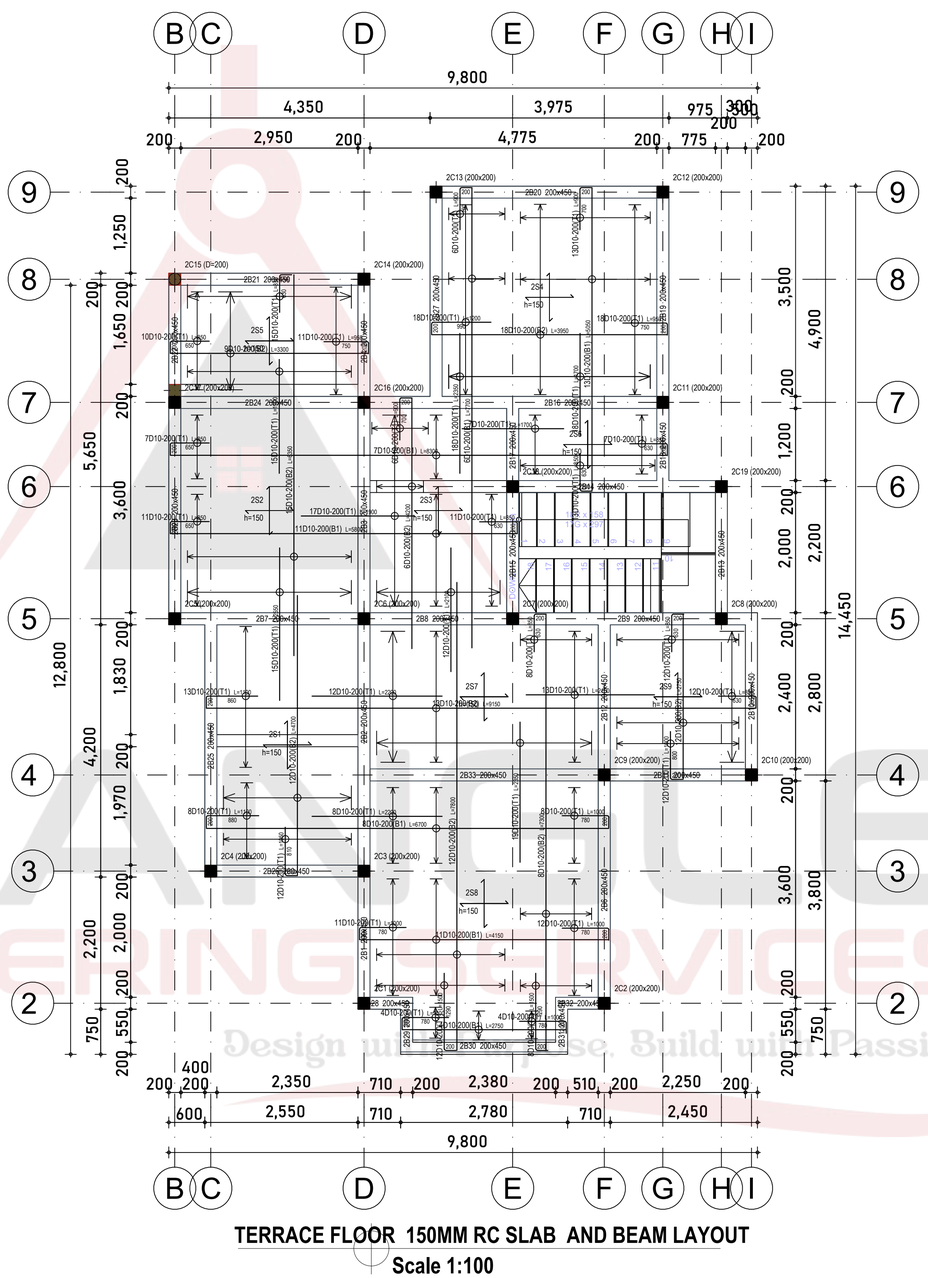
DRAWN BY:	*F.O*
CHECKED BY:	*S.K*
DATE :	JUNE,2025
SCALE :	*As Shown.*
Drg. No.	

TRIANGLE ENGINEERING SERVICES
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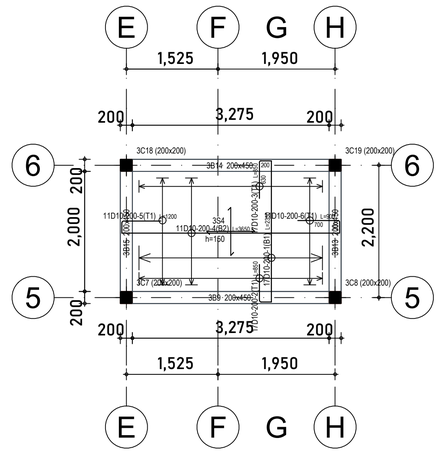
1ST FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



TERRACE FLOOR 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100



ROOF TOP 150MM RC SLAB AND BEAM LAYOUT

Scale 1:100

STAIRCASE RC DETAILS
SECTION 1-1 WAIST 175mm
SCALE: 1:25

Riser: 150mm
Treads: 300mm

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

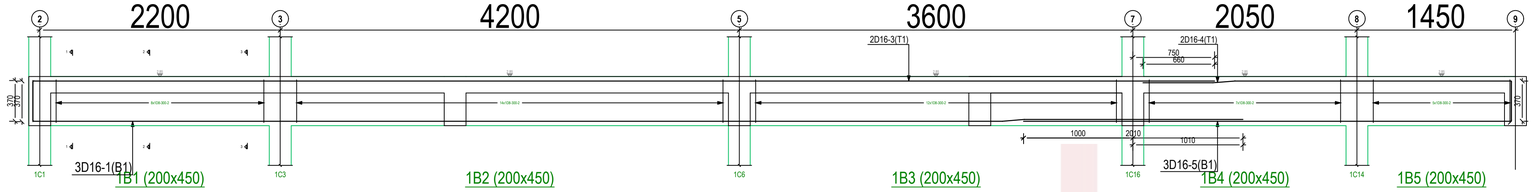
GENERAL NOTES

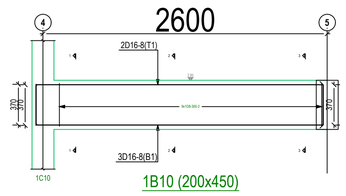
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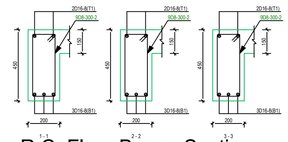
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TITLE:	ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
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SCALE :	*As Shown.*
Drg. No.	

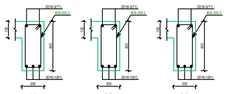
TRIANGLE ENGINEERING SERVICES
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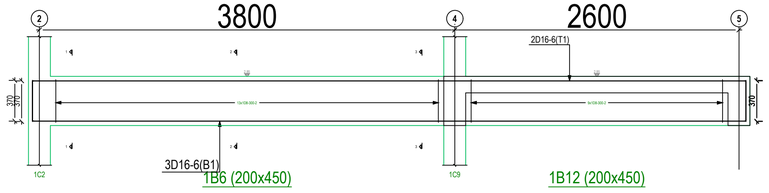


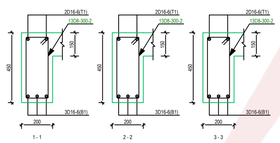




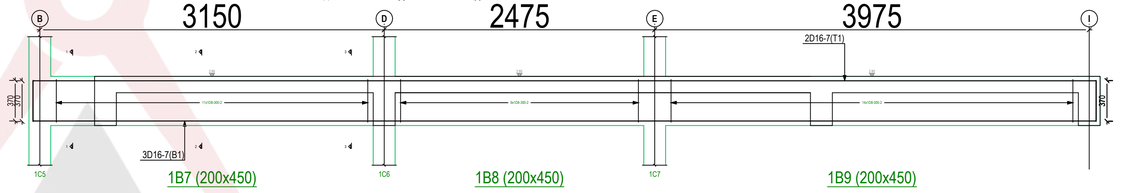
R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

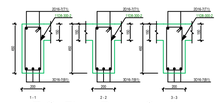




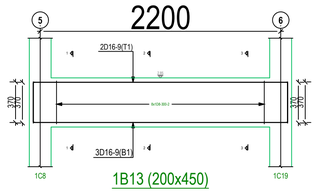


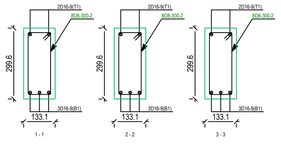
R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10



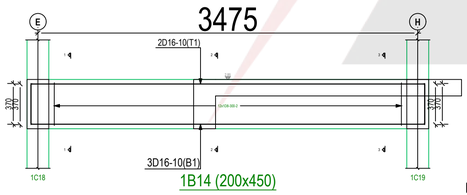


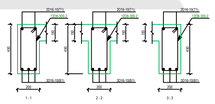
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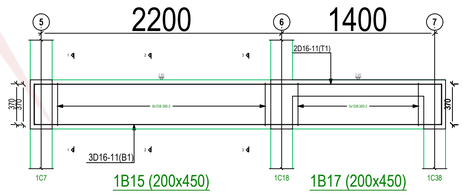


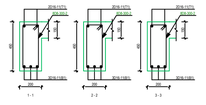
R.C Floor Beam Section
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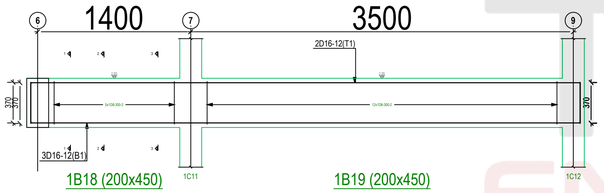


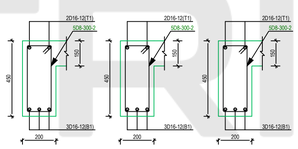


R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

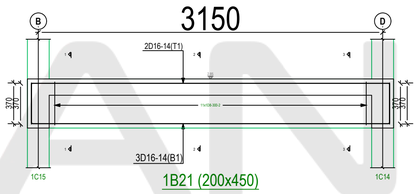


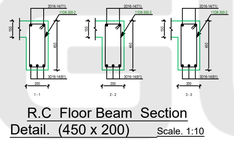




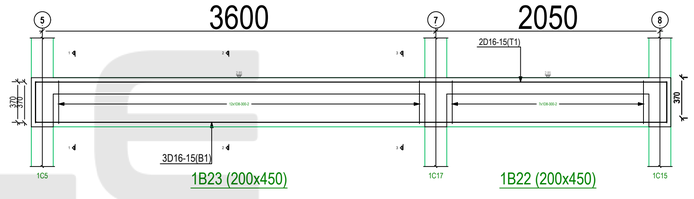


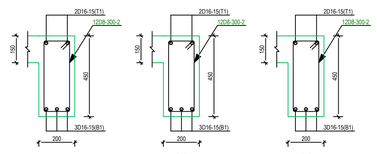
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Detail. (450 x 200) Scale. 1:10





R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10





R.C Floor Beam Section
Detail. (450 x 200) Scale. 1:10

TRIANGLE ENGINEERING SERVICES
Design with Purpose, Build with Passion

MARK	DATE	MADE BY	REVISIONS	DATE	ISSUES
			REVISED		

GENERAL NOTES

1. Only figured dimensions to be taken from this drawing.
2. This drawing is to be read in conjunction with other relevant structural/architectural drawings.
3. All dimensions, unless otherwise specified, are in millimeters.
4. Concrete cover for reinforcement to be as follows:-
   Slabs - 20mm
   Beams - 25mm
   Columns - 40mm
   Bases - 50mm
5. All black cotton soil to be removed before construction.
6. Concrete strength to be class 25\20 for all structural elements
7. Concrete strength for blinding to be class 15/40.
8. Square twisted steel reinforcement bars to BS4461 are denoted by 'Y'.
9. Mild steel reinforcement bars to BS4449 are denoted by 'R'.
10. All steel reinforcement to be approved by the Structural Engineer.
11. Surface bed hardcore to be laid in seperately compacted 200mm layers on firm approved ground.

PROJECT: PROPOSED: 4-BEDROOM RESIDENTIAL MAINSIONETTE HOUSE ON PLOT TITLE NO.KIAMBAA/KIHARA/8954. IN KIAMBU COUNTY OFF KIHARA RD

CLIENT: **TERRY BAHATI HUSSEIN**

TITLE: ROOF PLAN, SECTIONS, ,DETAILS, $ COLUMNS LAYOUT.

DRAWN BY:	*F.O*
CHECKED BY:	*S.K*
DATE :	JULY,2025
SCALE :	*As Shown.*

Drg. No.