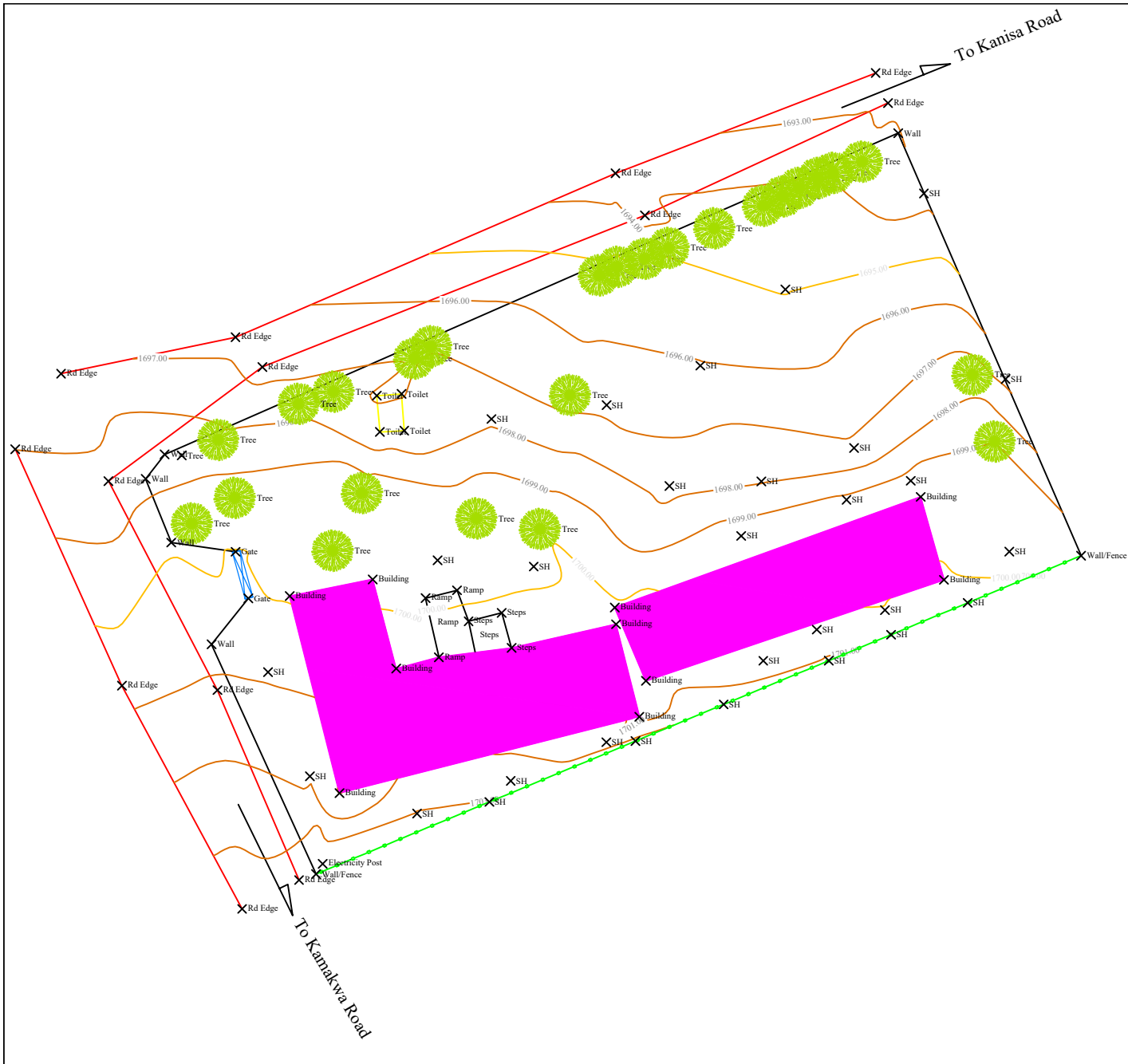
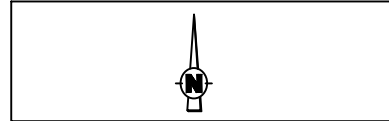


NG-CDF BOARD CENTRAL
REGIONAL OFFICE

SITE TOPOGRAPHY



PROJECT TITLE:
Topographical Survey of a Parcel in Nyeri Town



SCALE

LEGEND

	Wall
	Fence
	Contours
	Road Edge
	Gate
	Building
	Ramp/Steps
	Toilet

CO-ORDINATE SYSTEM: Arc 1960,
UTM Zone 37S

UNITS: Metres

SURVEYED AND DRAWN BY:

PRESENTED TO:

Date: May 23rd, 2025

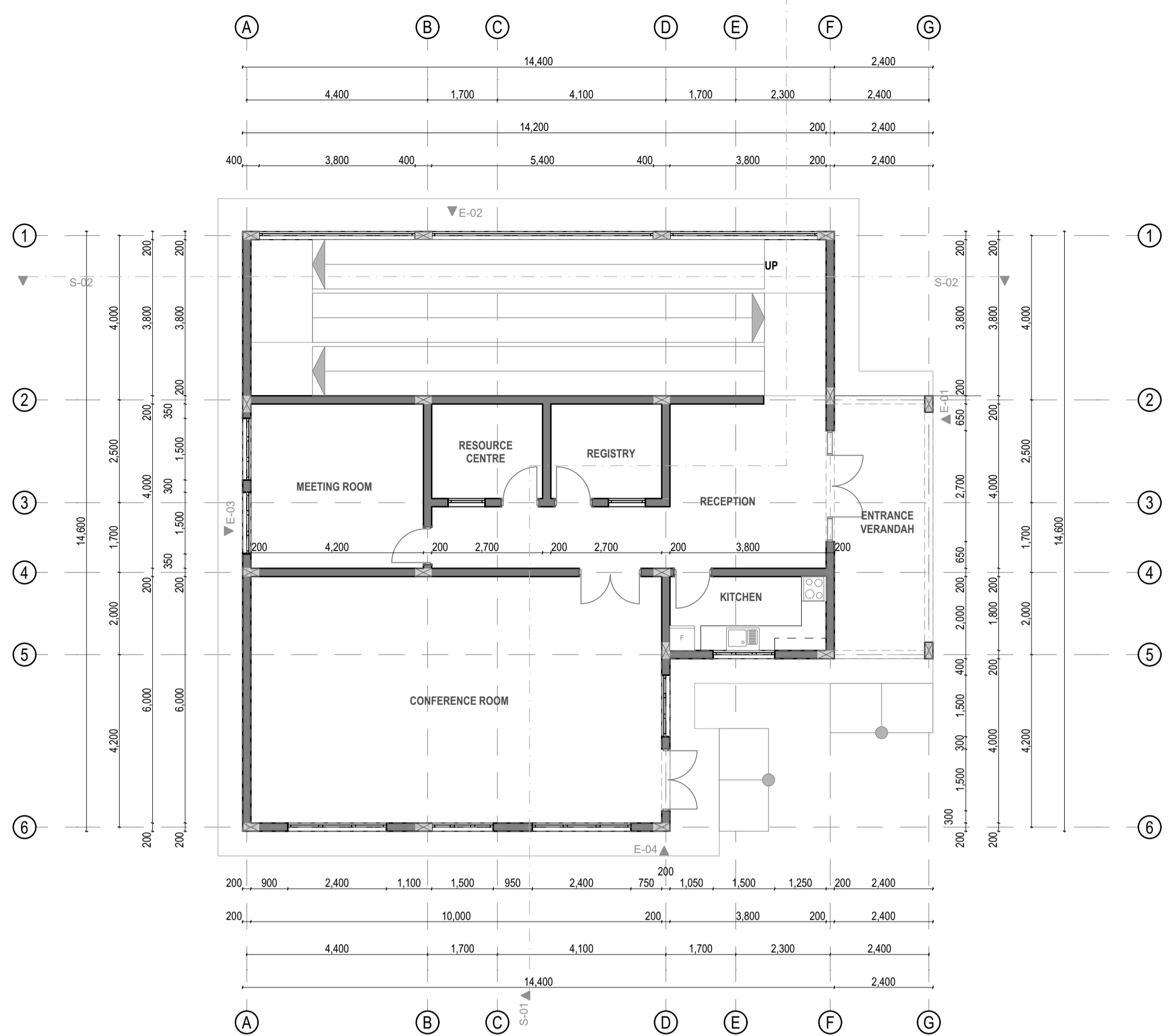
REVISIONS

No.	Description	Date

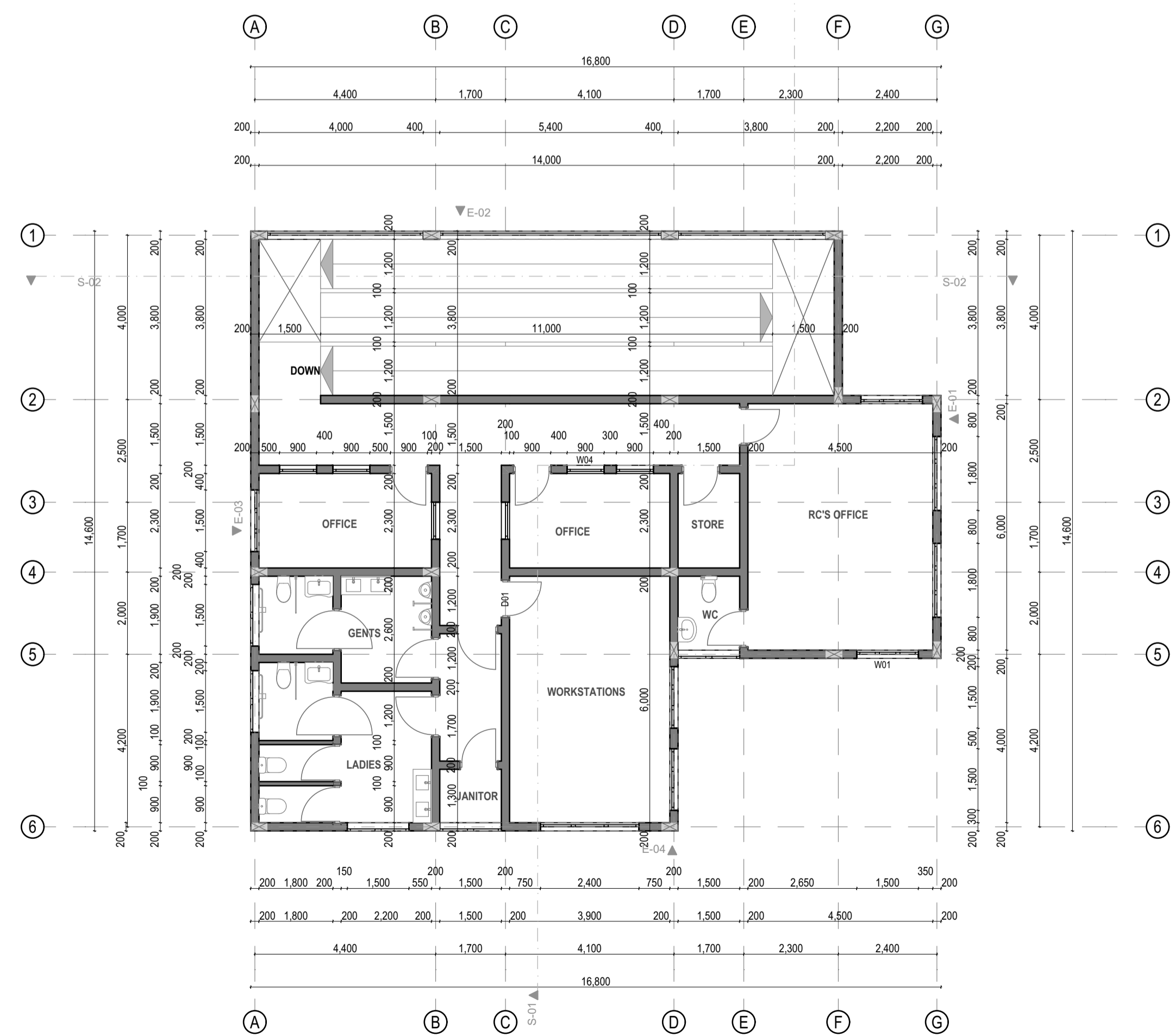
ARCHITECTURAL



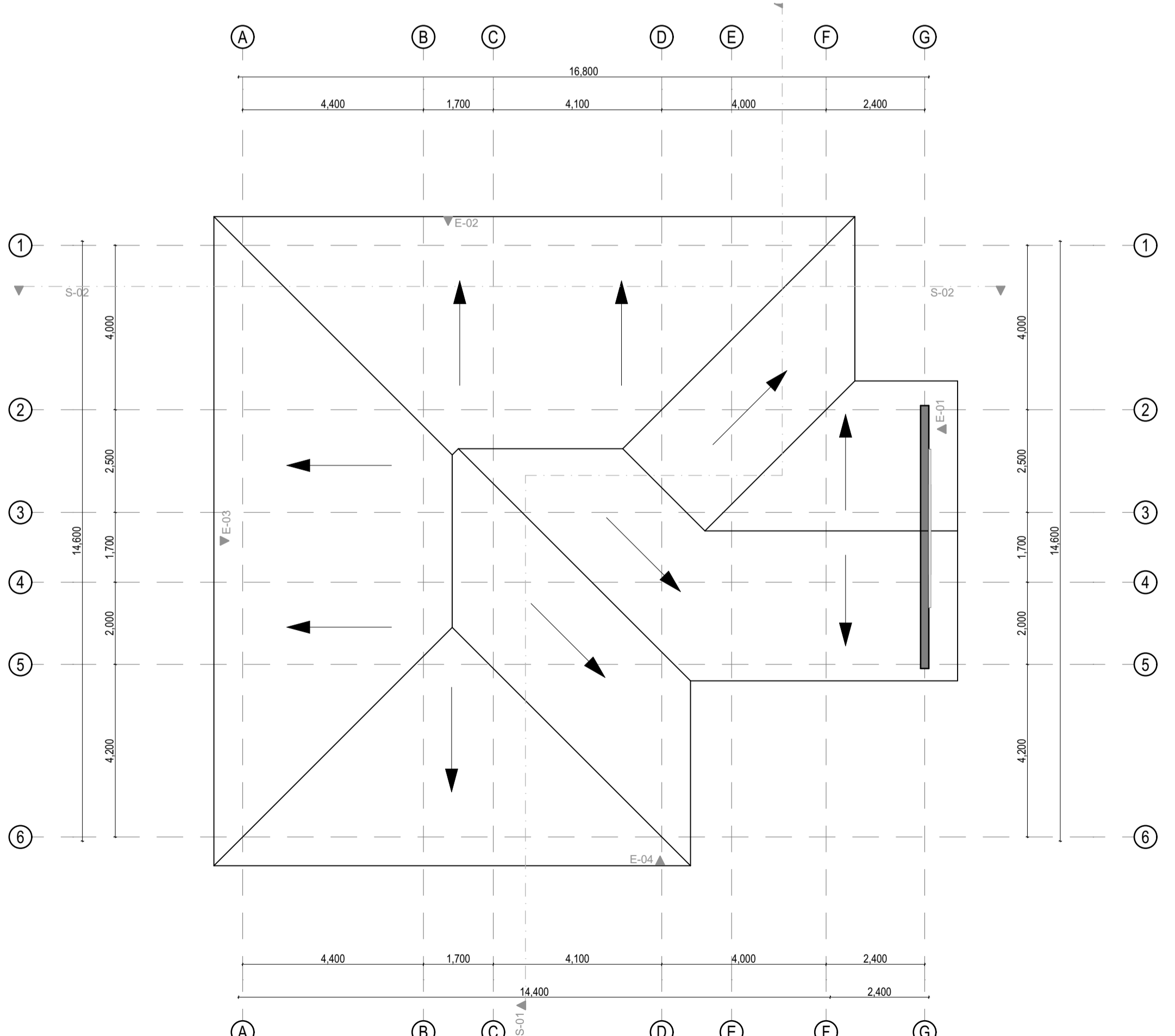
SITE PLAN
SCALE 1:200



LOWER GROUND FLOOR PLAN
SCALE 1:100



UPPER GROUND FLOOR PLAN
SCALE 1:100



ROOF PLAN
SCALE 1:100

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Project:
PROPOSED NG-CDF BOARD REGIONAL OFFICE
ON PLOT L.R. NO.....

Location:

Client:

NATIONAL GOVERNMENT CONSTITUENCIES DEVELOPMENT FUND BOARD (NG-CDFB)

Client's signature:.....

Subject:
REGIONAL OFFICE

Title:
LOCATION PLAN, SITE PLAN, GROUND FLOOR PLAN, ROOF PLAN

Consultant:

Drawn by:
Arch B. A. Omar

Checked by:
Arch B. A. Omar

Scale:
1:100, 1:200, 1:2500 @A1

Job No:

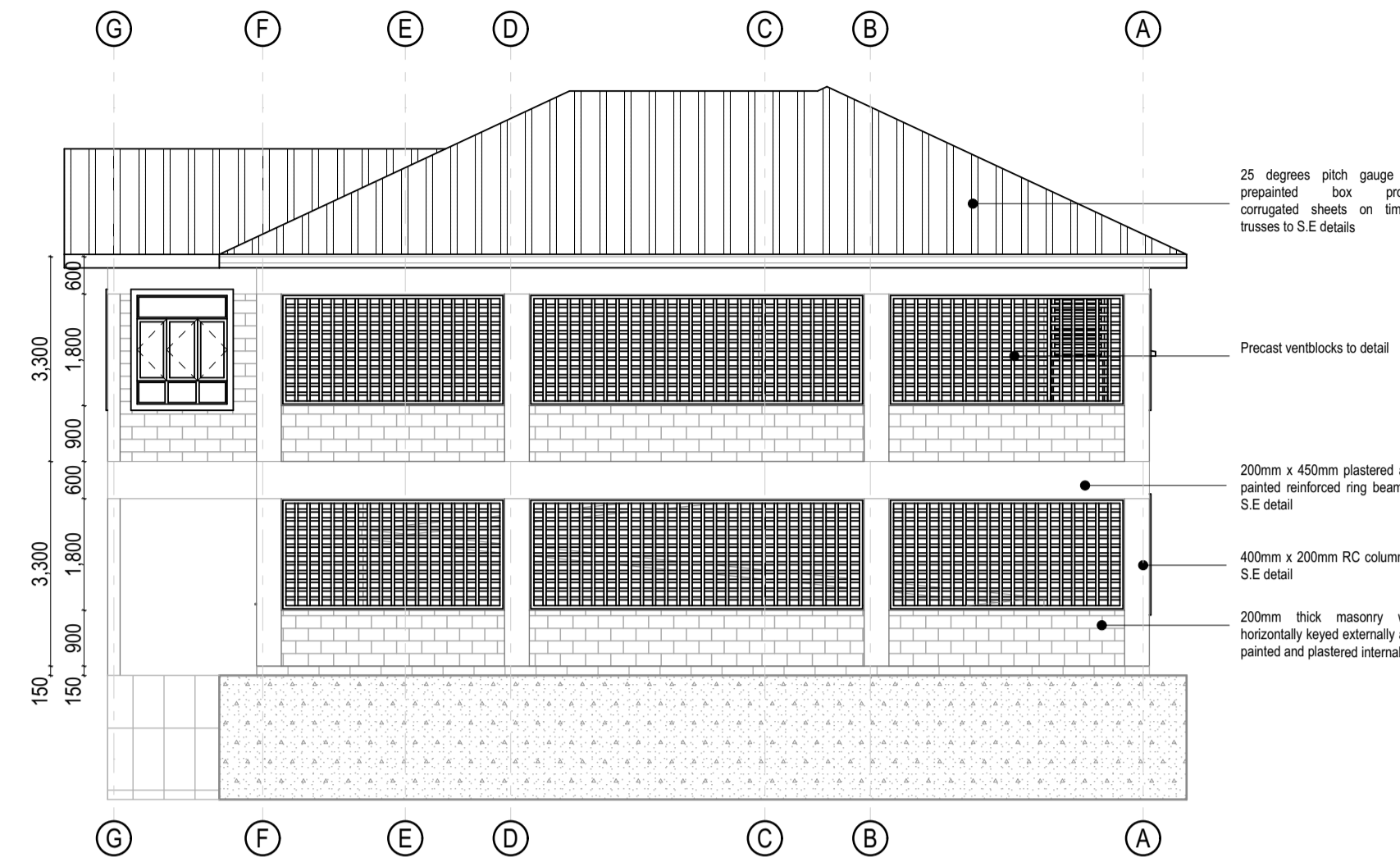
Drg No:

Revision No:

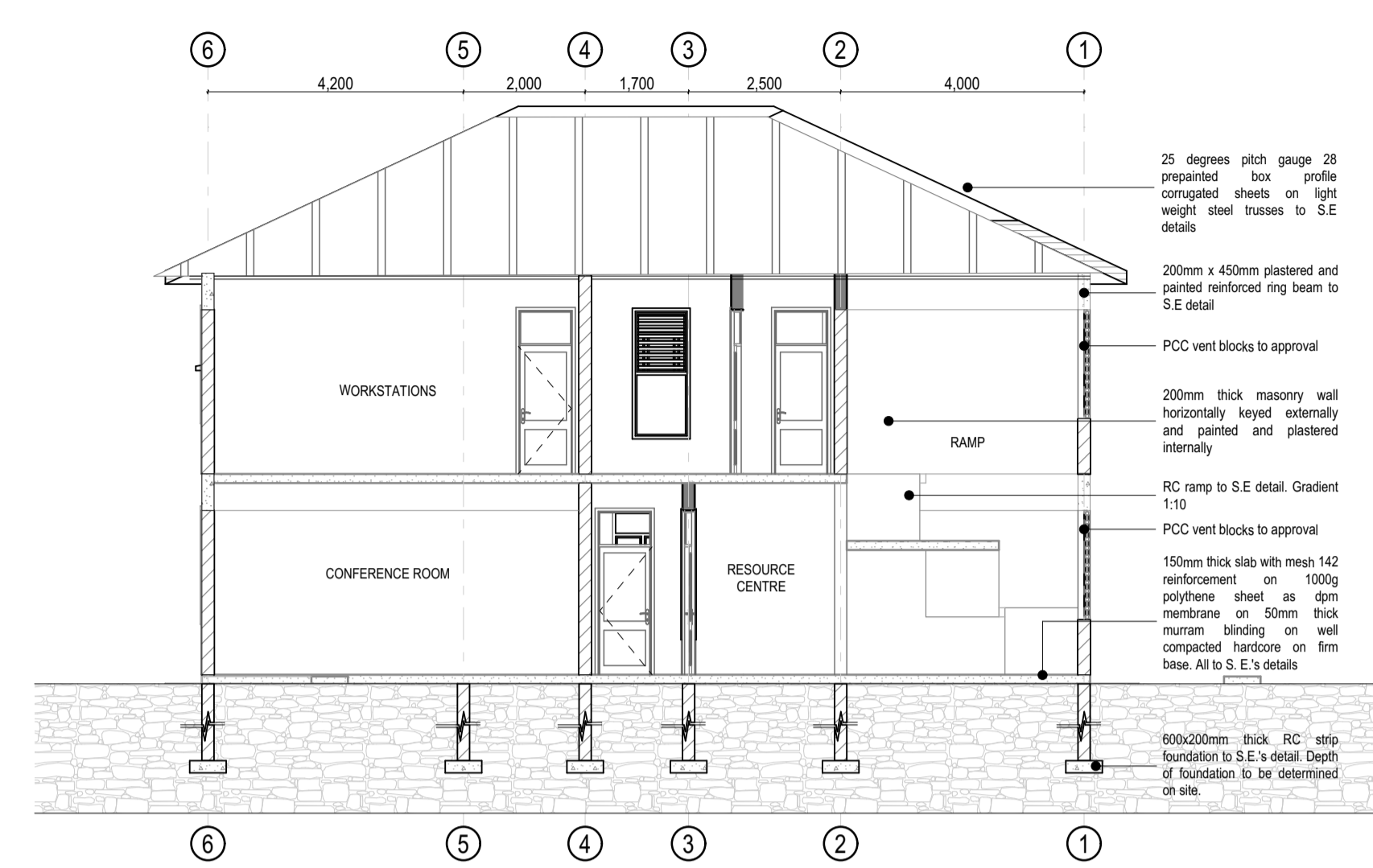
Date: **APRIL 2025**



ELEVATION 01
SCALE 1:100



ELEVATION 02
SCALE 1:100



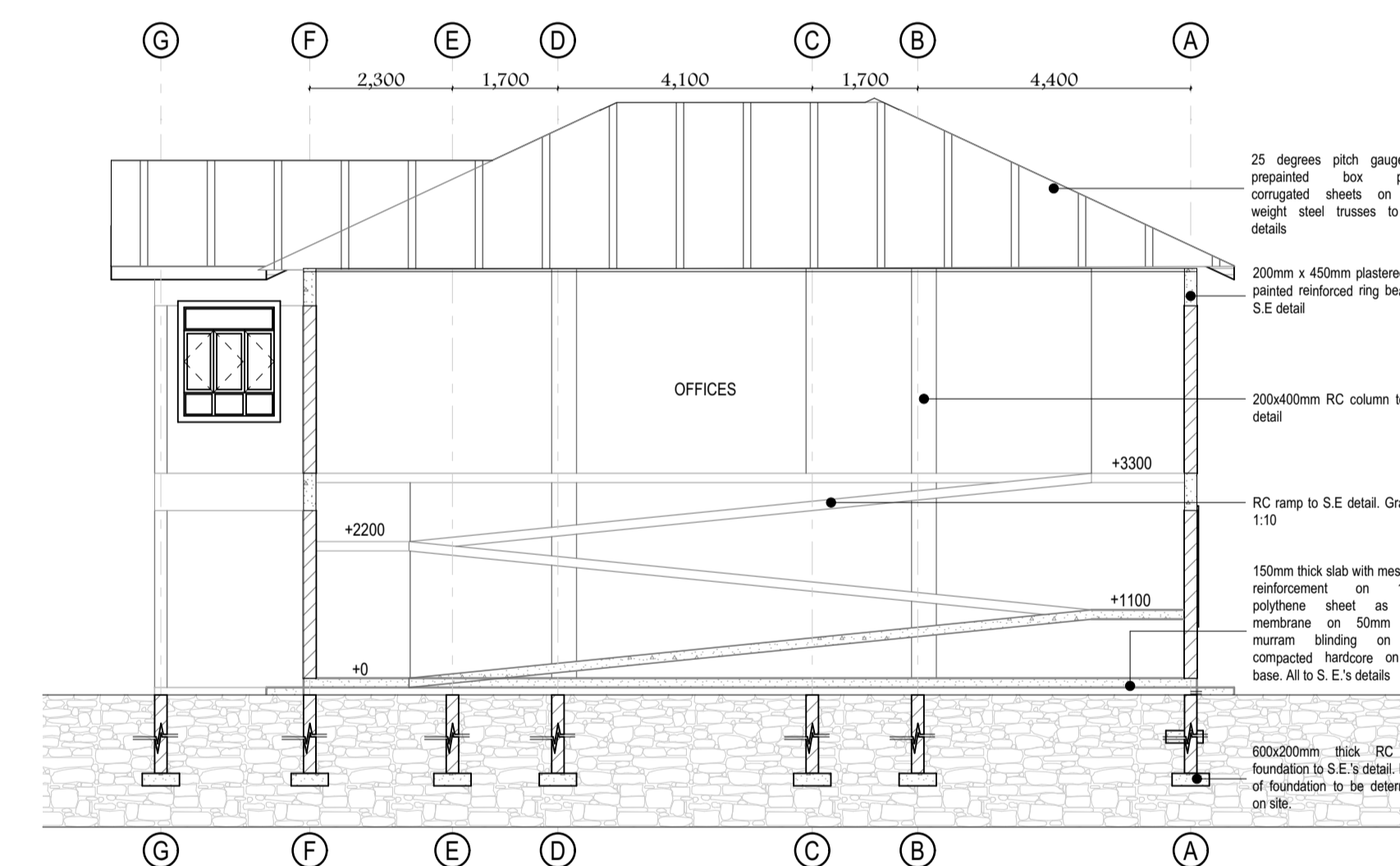
SECTION 01
SCALE 1:100



ELEVATION 03
SCALE 1:100



ELEVATION 04
SCALE 1:100



SECTION 02
SCALE 1:100

Room	Floor	Skirting	Walls	Ceiling
Reception	Ceramic Tiles	Ceramic Tiles	Plaster & Paint	Gypsum
Conference Room	Ceramic Tiles	Ceramic Tiles	Plaster & Paint	Gypsum
Offices	Ceramic Tiles	Ceramic Tiles	Plaster & Paint	Gypsum
Registry	Ceramic Tiles	Ceramic Tiles	Plaster & Paint	Gypsum
Kitchen	Ceramic Tiles	Ceramic Tiles	Plaster & Paint	Gypsum
Meeting Room	Ceramic Tiles	Ceramic Tiles	Plaster & Paint	Gypsum
Store	Ceramic Tiles	Ceramic Tiles	Plaster & Paint	Gypsum board
Washrooms	Ceramic Tiles	Ceramic Tiles	Plaster & Paint	Water resistant gypsum board

FINISHES SCHEDULE

ID	D01	D01	D02	D02	D03	D04	D05
Quantity	5	8	1	2	2	2	1
W x H Size	900x2,700	900x2,700	1,000x2,700	1,000x2,700	1,000x2,700	1,500x2,700	2,700x2,700
Orientation	L	R	L	R	R	R	L
2D							
3D							
Description	Solid core wooden panel door and 5mm glass transom	Solid core wooden panel door and 5mm glass transom	Solid core wooden panel door and 5mm glass transom	Solid core wooden panel door and 5mm glass transom	Solid core wooden panel door and 5mm glass transom	Steel casement door with 5mm glass inserts and transom	Steel casement door with 5mm glass inserts, sidelights and transom

DOOR SCHEDULE

ID	W01	W02	W03	W04	W05
Quantity	10	2	3	8	5
W x H Size	1,500x1,800	1,800x1,800	2,400x1,800	900x2,100	1,500x900
Cill height	900	900	900	600	1,800
Head height	2,700	2,700	2,700	2,700	2,700
2D					
3D					
Description	Painted steel casement window with 5mm clear glass and permanent ventilation.	Painted steel casement window with 5mm clear glass and permanent ventilation.	Painted steel casement window with 5mm clear glass and permanent ventilation.	Painted solid wood casement window with 5mm clear glass louvers and fixed glass of and permanent ventilation	Painted steel casement window with 5mm clear glass and permanent ventilation.

WINDOW SCHEDULE

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Project: **PROPOSED NG-CDF BOARD REGIONAL OFFICE**
ON PLOT L.R. NO.....

Location:

Client:
NATIONAL GOVERNMENT CONSTITUENCIES DEVELOPMENT FUND BOARD (NG-CDFB)

Client's signature:.....

Subject: **REGIONAL OFFICE**

Title: **ELEVATIONS AND SECTIONS WINDOW AND DOOR SCHEDULES FINISHES SCHEDULE & DETAILS**

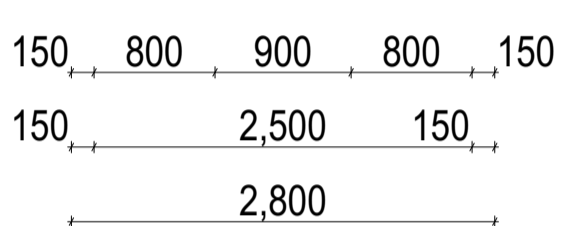
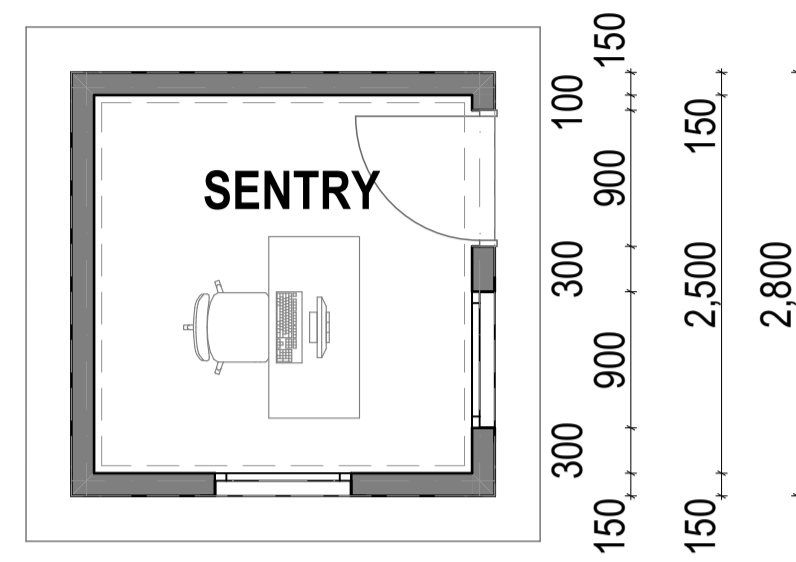
Consultant:

Drawn by: Arch B. A. Omar
Checked by: Arch B. A. Omar

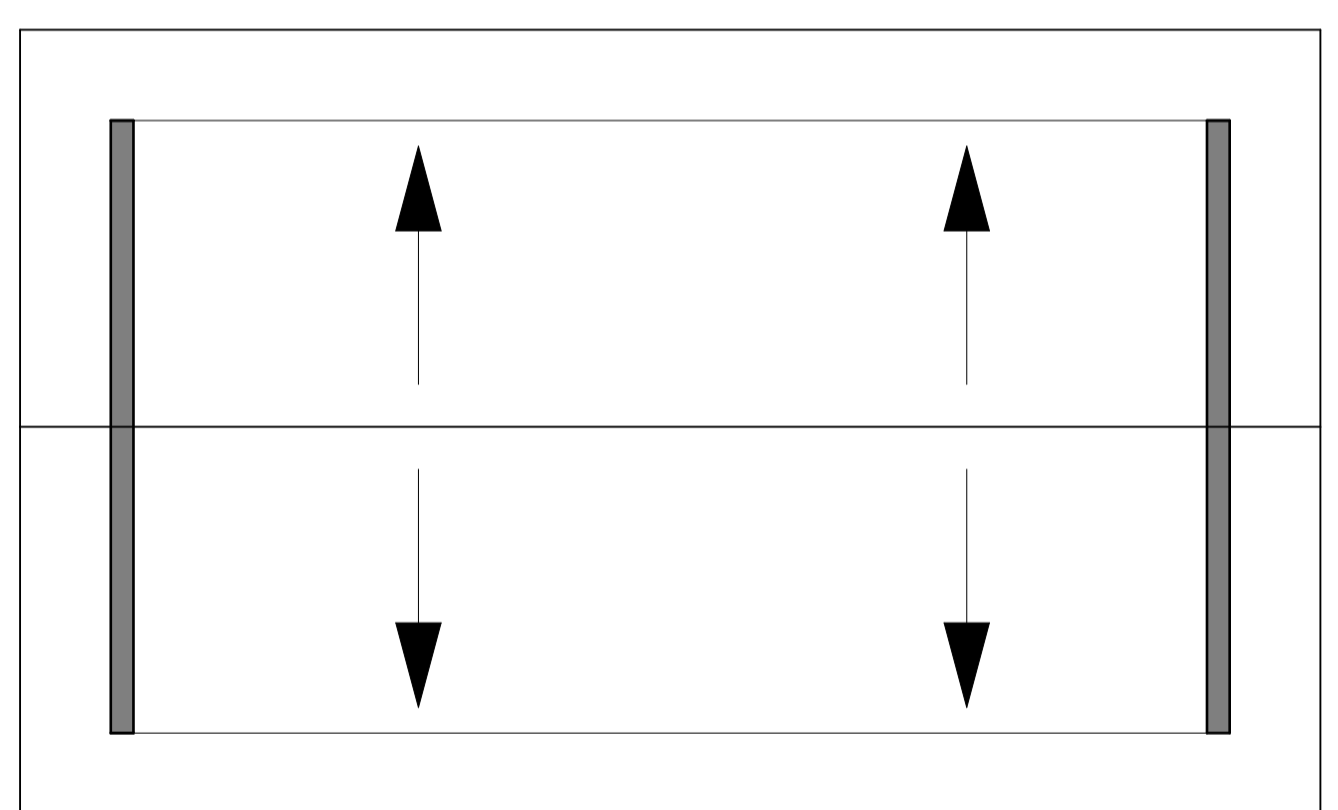
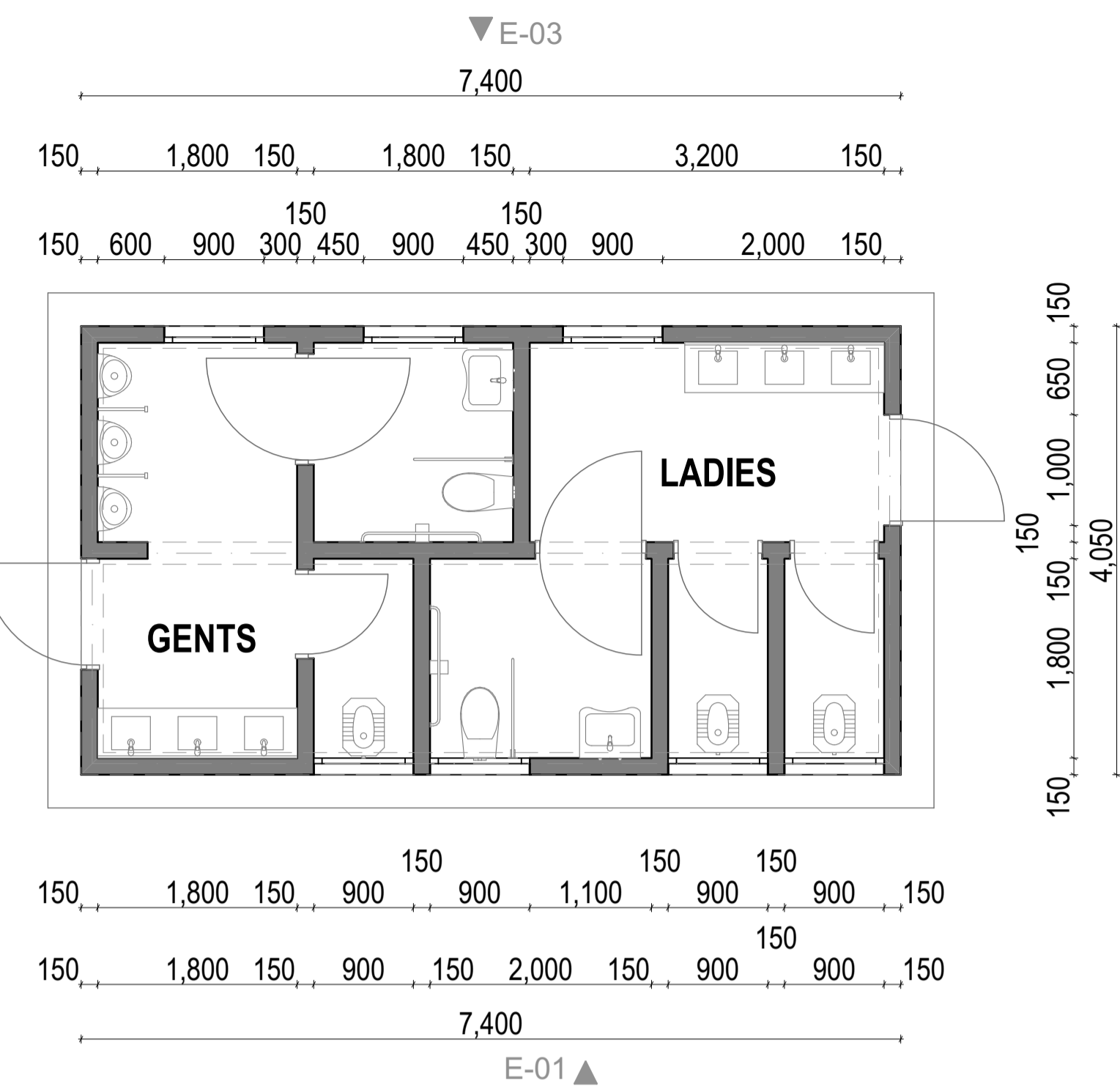
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Job No:

Drg No: Revision No:

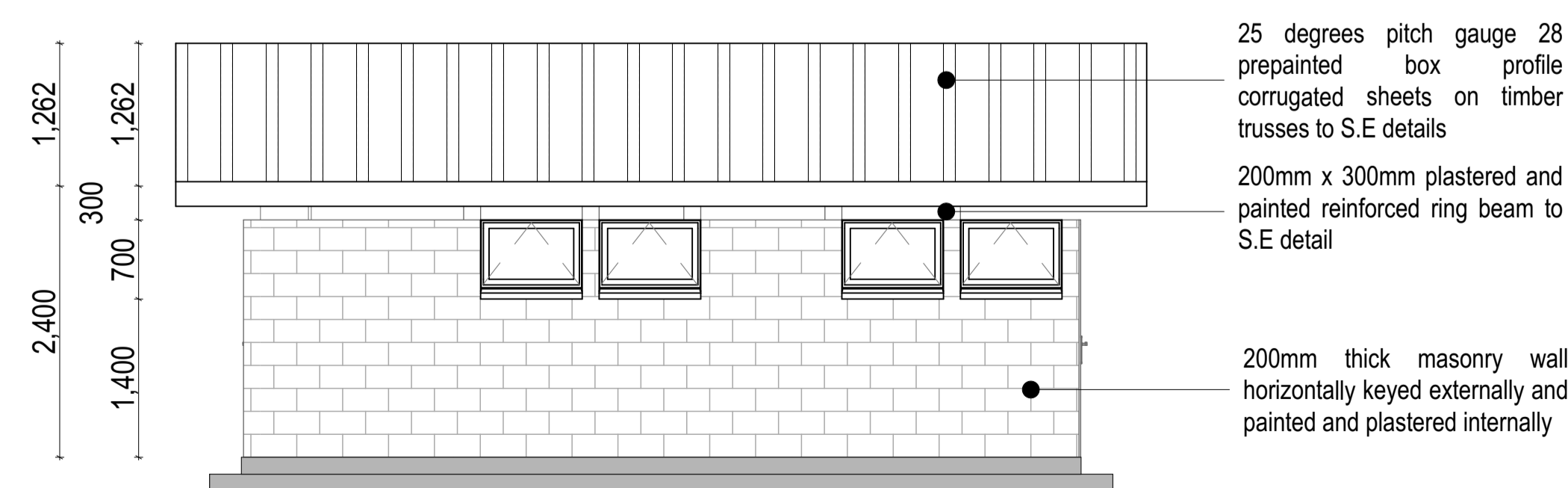
Date: **APRIL 2025**



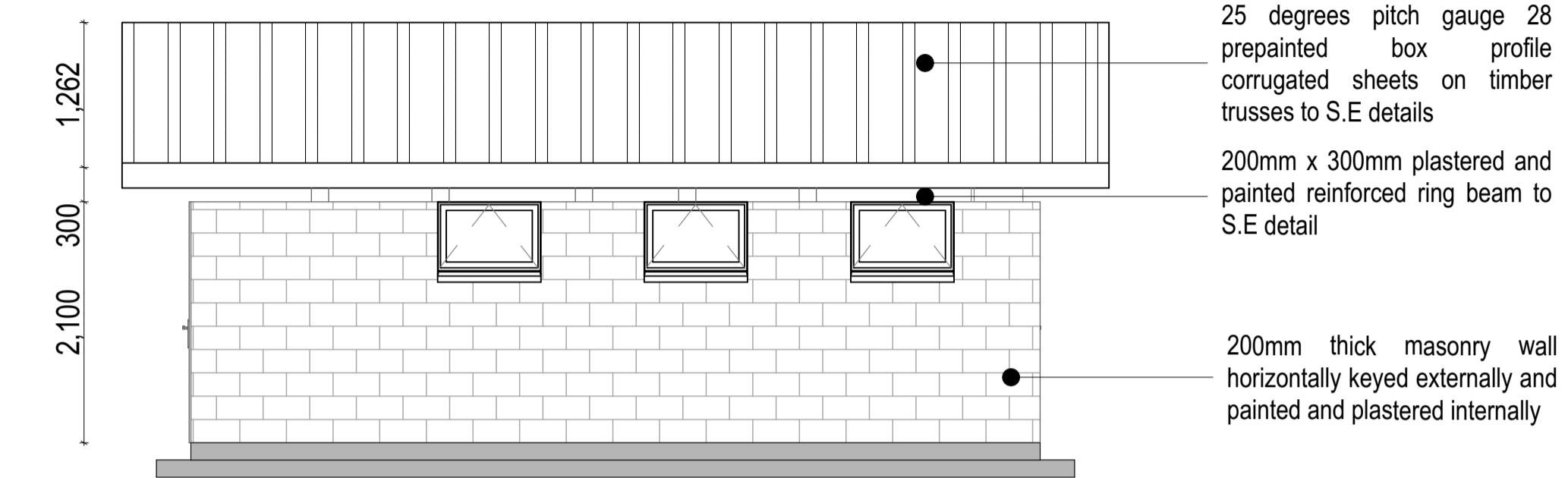
**GROUND FLOOR PLAN
SCALE 1:100**



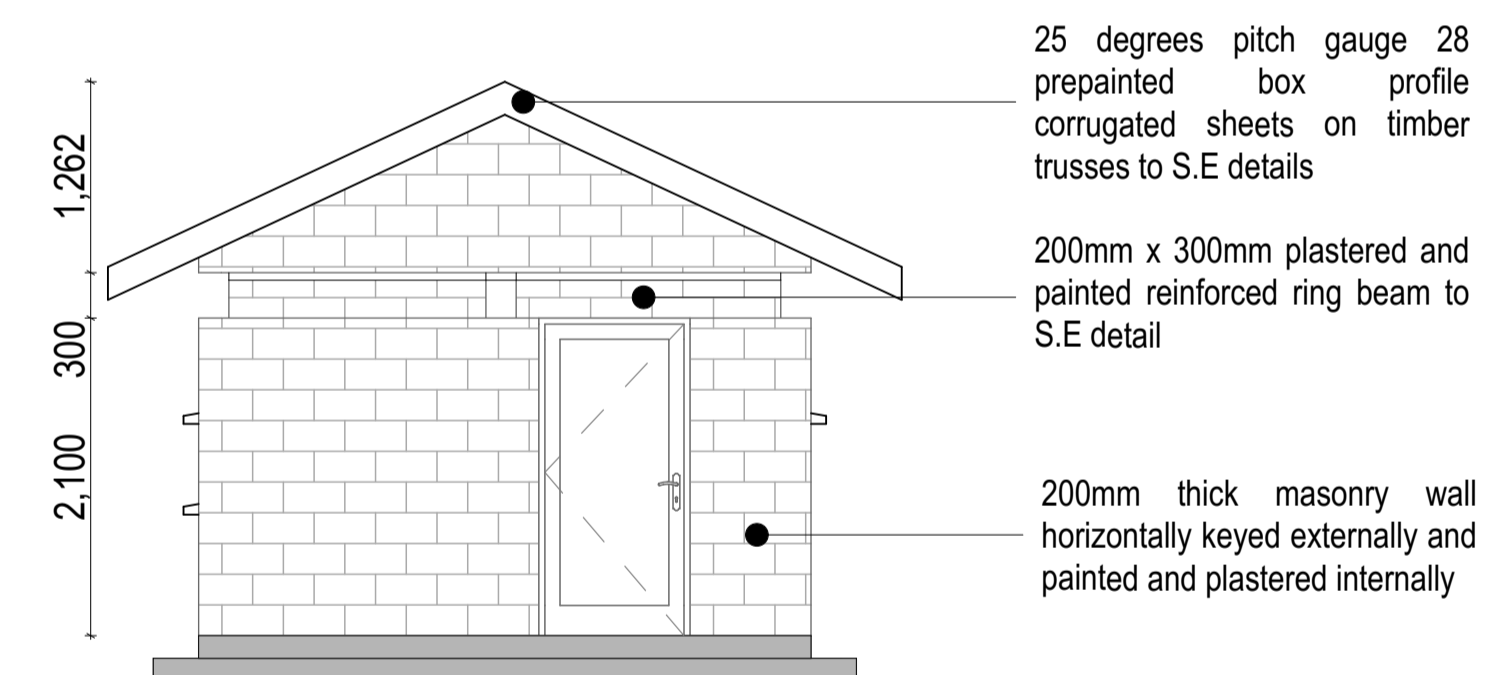
**ROOF PLAN
SCALE 1:100**



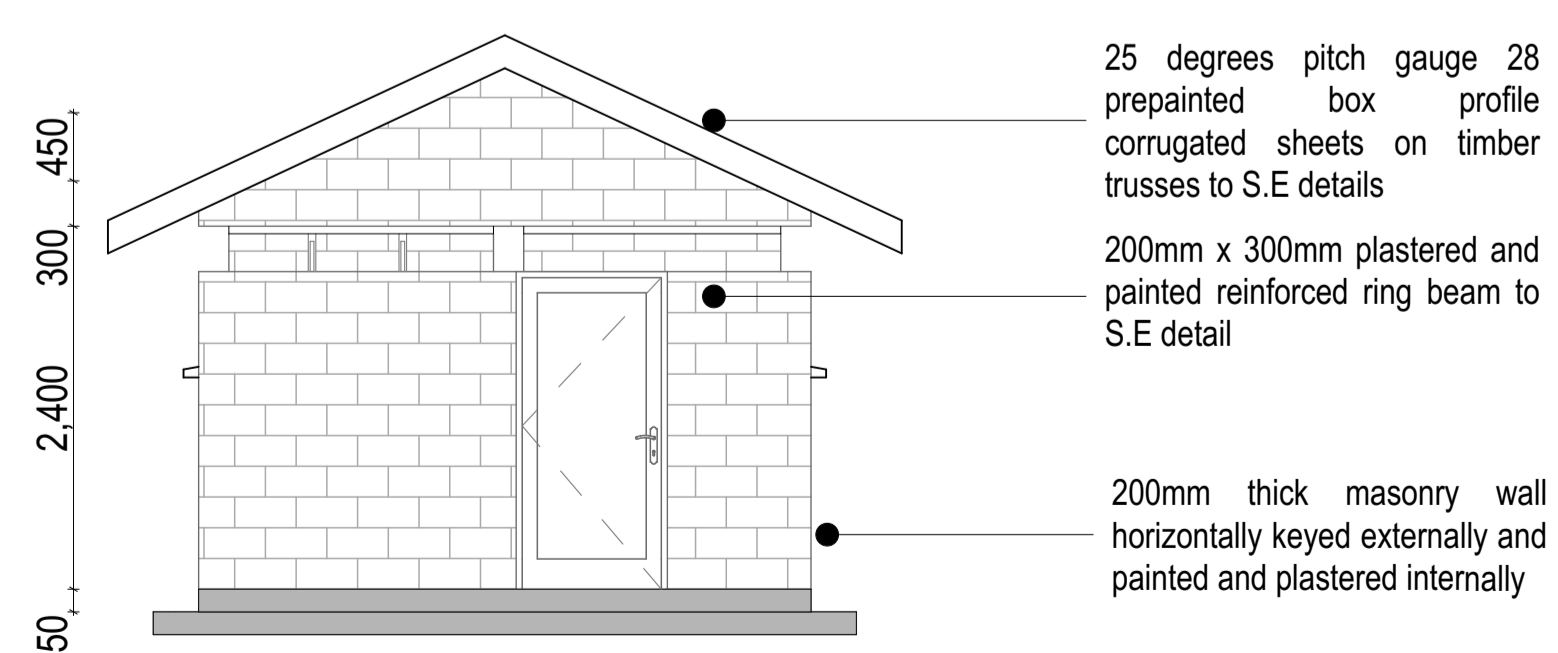
**ELEVATION 01
SCALE 1:100**



**ELEVATION 03
SCALE 1:100**



**ELEVATION 02
SCALE 1:100**



**ELEVATION 04
SCALE 1:100**

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Project:
**PROPOSED NG-CDF BOARD REGIONAL OFFICE
ON PLOT L.R. NO.....**

Location:

Client:

**NATIONAL GOVERNMENT CONSTITUENCIES DEVELOPMENT
FUND BOARD (NG-CDFB)**

Client's signature:.....

Subject:

Title:
EXTERNAL ABLUTION BLOCK AND SENTRY

Consultant:

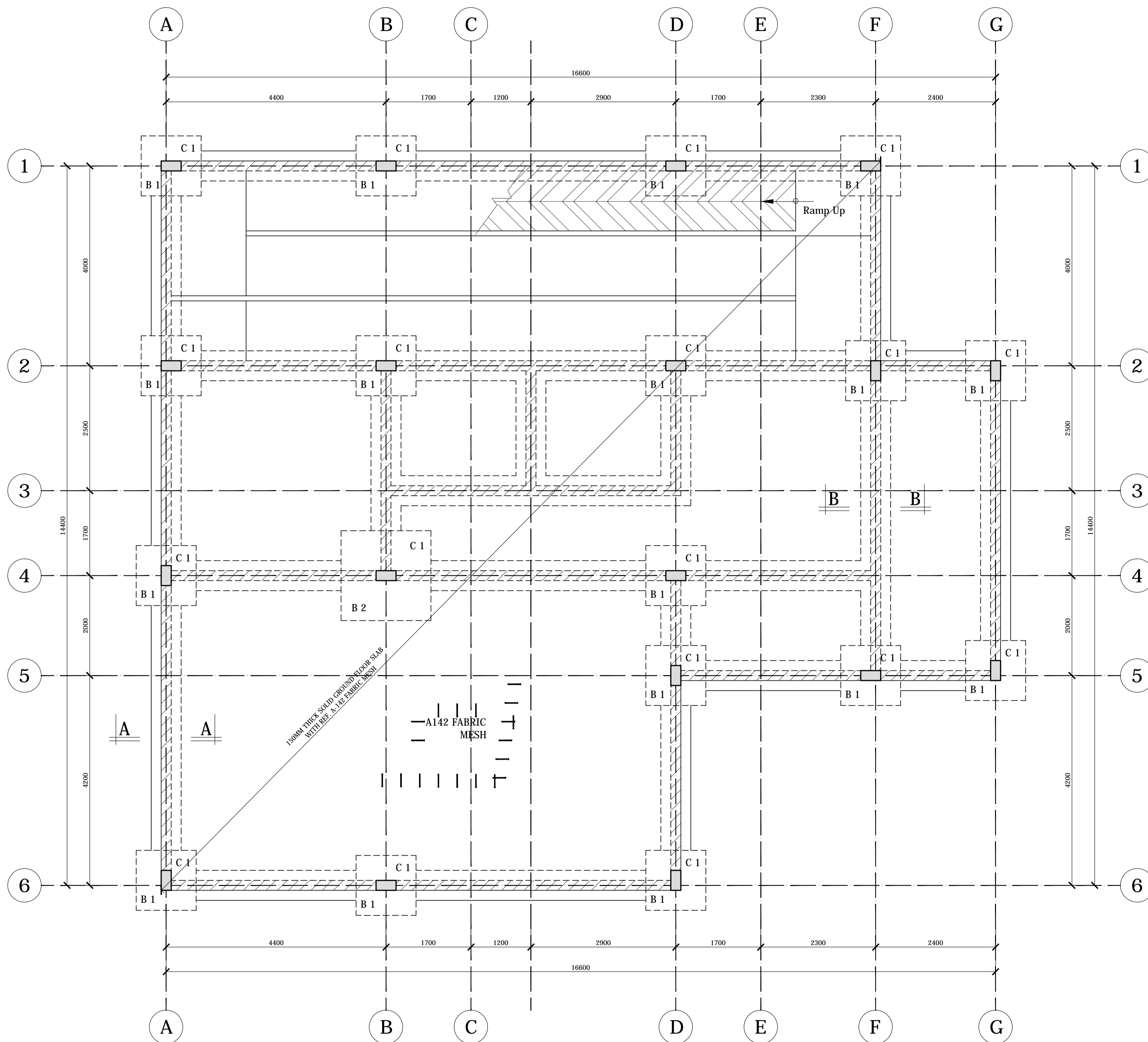
Drawn by: Arch B. A. Omar	Checked by: Arch B. A. Omar
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Scale: 1:50@A1	Job No:
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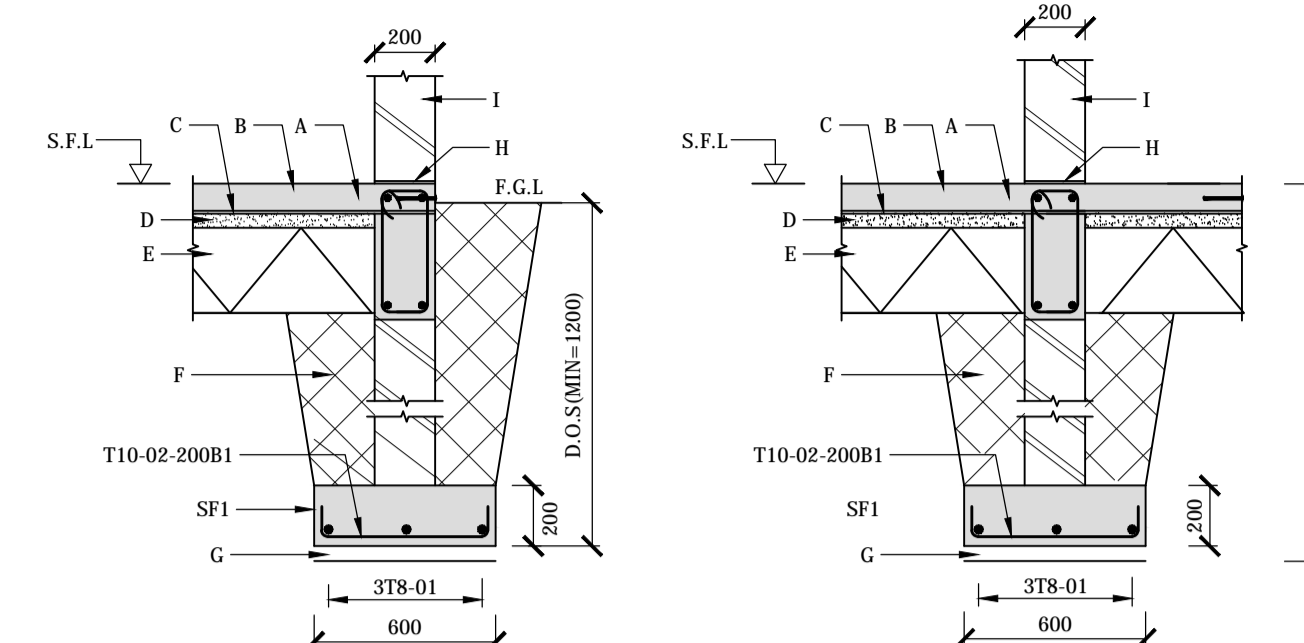
Drg No:	Revision No:
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Date: **APRIL 2025**

STRUCTURAL



FOUNDATION/LOWER GROUND FLOOR LAYOUT
Scale 1:50



SEC A-A:-EXTERNAL WALL STRIP FOOTING "SF1" Scale 1:25
SEC B-B:-INTERNAL WALL STRIP FOOTING "SF1" Scale 1:25

- LEGEND:**
- A - BRC MESH REF. A-252
 - B - 150mm THICK. GROUND FLOOR CONCRETE SLAB (S1)
 - C - 1000g POLYTHENE D.P.M.
 - D - 50mm THICK. QUARRY DUST OR MURRAM BLINDING
 - E - MINIMUM 450mm THICK WELL COMPACTED HARDCORE
 - F - SELECTED BACKFILL MATERIAL
 - G - 50mm THICK. CONC. BLINDING (1:4:8)
 - H - 200MM WIDE HESSIAN BASED DPC
 - I - 200MM THICK LOAD BEARING MASONRY WALLS
 - S.F.L-STRUCTURAL FLOOR LEVEL
 - SF1 - 600 x 200 STRIP FOUNDATION
 - F.G.L - FINISHED GROUND LEVEL.
 - N.T.S-NOT TO SCALE
 - D.O.S - DETERMINED ON SITE

- NOTES**
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 4. All levels are indicated in m unless specified otherwise.
 5. All structural concrete to be Class 25 (1:1.5:3) unless stated otherwise.
 6. Minimum cover to all reinforcement & Maximum tolerance on concrete cover is +/- 5mm : Columns (main bars) = 40mm, Foundations = 50mm Slabs = 20mm . Beams = 30mm
 7. All high tensile (T) reinforcement bars to be Grade type 2 in accordance with KS 573:2014 (Fourth Edition) and fabric mesh to be made from cold worked steel bars in accordance with BS 4483.
 8. All reinforcement specification, scheduling, dimensioning, bending and cutting in accordance to BS 8666:2005
 9. Minimum laps to all bars to be 55d unless stated otherwise.
 10. Nominal aggregate size to be 20mm.
 11. Assumed ground bearing capacity = 200Kpa

REV	REVISIONS	SIGN	DATE	APPROVED
C0	BY CHECKED			
C1	BY CHECKED			
C2	BY CHECKED			
C3	BY CHECKED			

Client
**MR.
P.O BOX
NAIROBI**

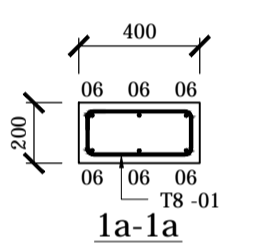
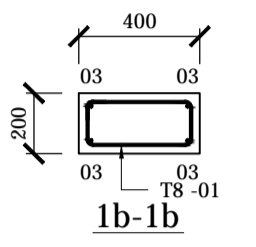
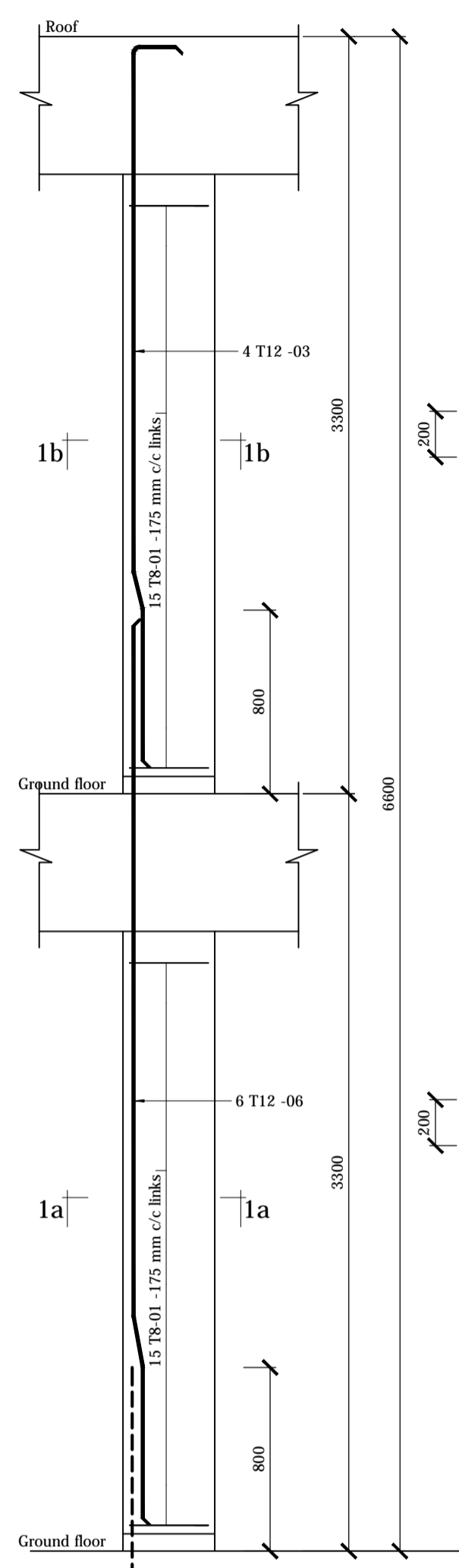
Project
**PROPOSED DEVELOPMENT ON PLOT
LR. No.....**

Drawing Title
**FOUNDATION LAYOUT, SECTIONS
& R.C DETAILS**

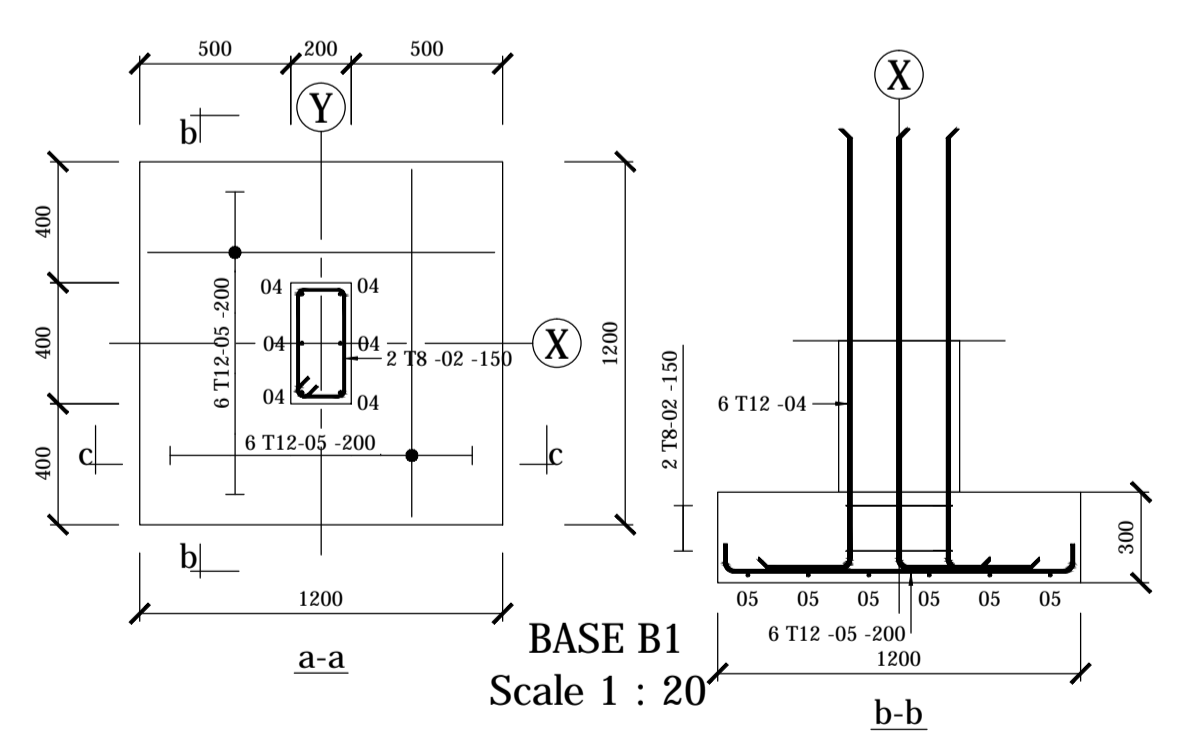
Civil & Structural Engineer

Designed by	JWW	Drawn by	JWW
Checked by	BAK	Approved by	
Scales	AS SHOWN	Date	JUNE 2025
Job No.	LCS_25-03	ACAD File	D:/structures

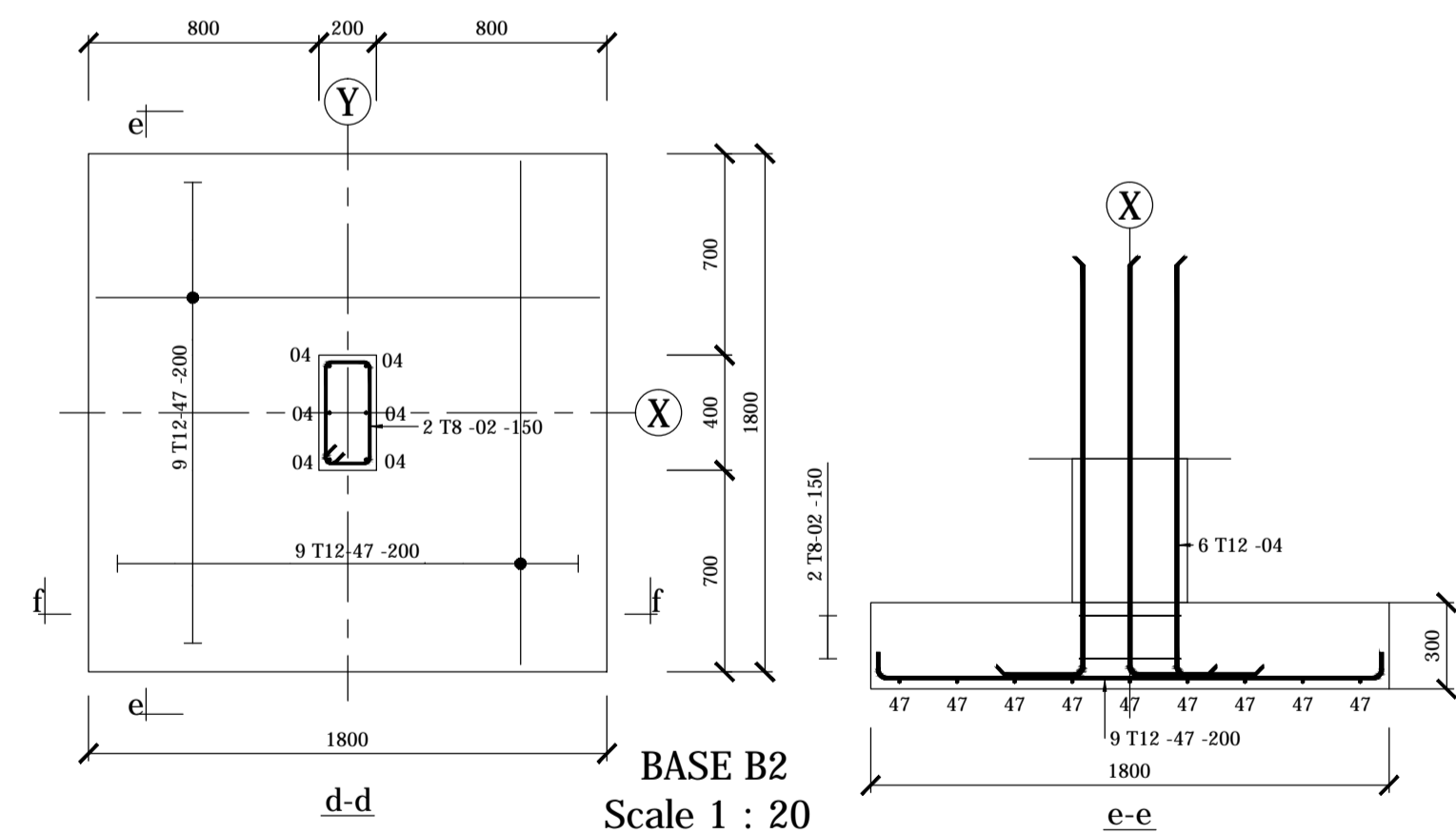
C STATUS DRAWING No. LCS_25-03-STR-01 C0 REV



COLUMN C 1
1 & No. thus
Scale 1:25



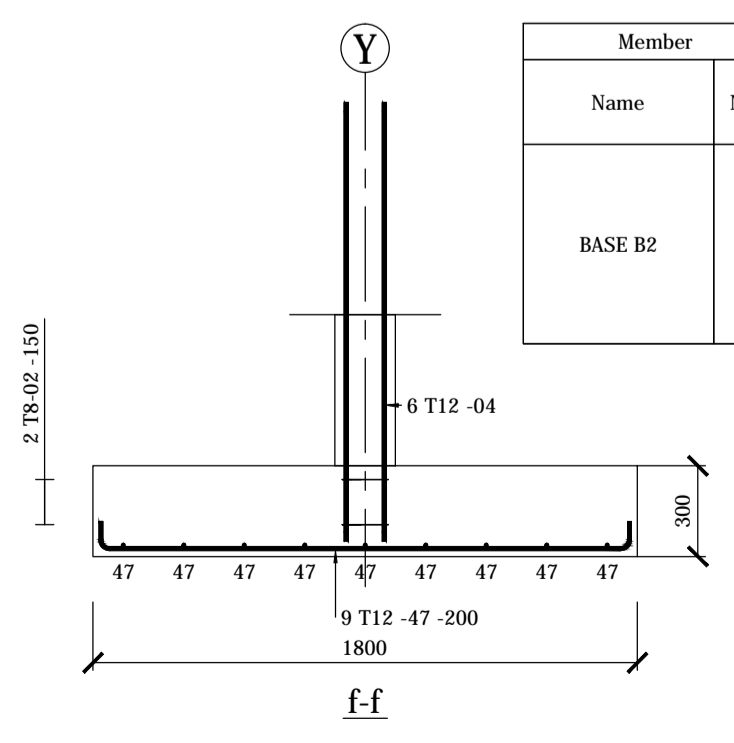
BASE B1
Scale 1 : 20



BASE B2
Scale 1 : 20

Member Name	Num	Bar mark	Type and Size	Number		Length (mm)	Shape code	A (mm)	B (mm)	C (mm)	D (mm)	E/R (mm)	Rev.
				in the elem.	total								
BASE B1	17	02	8	2	34	1125	31	160	360	160	360		
		04	12	4	68	1725	11	1455	305				
		05	12	12	204	1300	00	1160					

Member Name	Num	Bar mark	Type and Size	Number		Length (mm)	Shape code	A (mm)	B (mm)	C (mm)	D (mm)	E/R (mm)	Rev.
				in the elem.	total								
BASE B2	1	02	8	2	2	1125	31	160	360	160	360		
		04	12	4	4	1725	11	1455	305				
		47	12	18	18	1900	00	1760					



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 9. Minimum laps to all bars to be 55Ø unless stated otherwise.
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 11. Assumed ground bearing capacity = 200Kpa

REV	REVISIONS	SIGN	DATE	APPROVED
C0		BY		
		CHECKED		
C1		BY		
		CHECKED		
C2		BY		
		CHECKED		
C3		BY		
		CHECKED		

Client
MR.
P.O BOX
NAIROBI

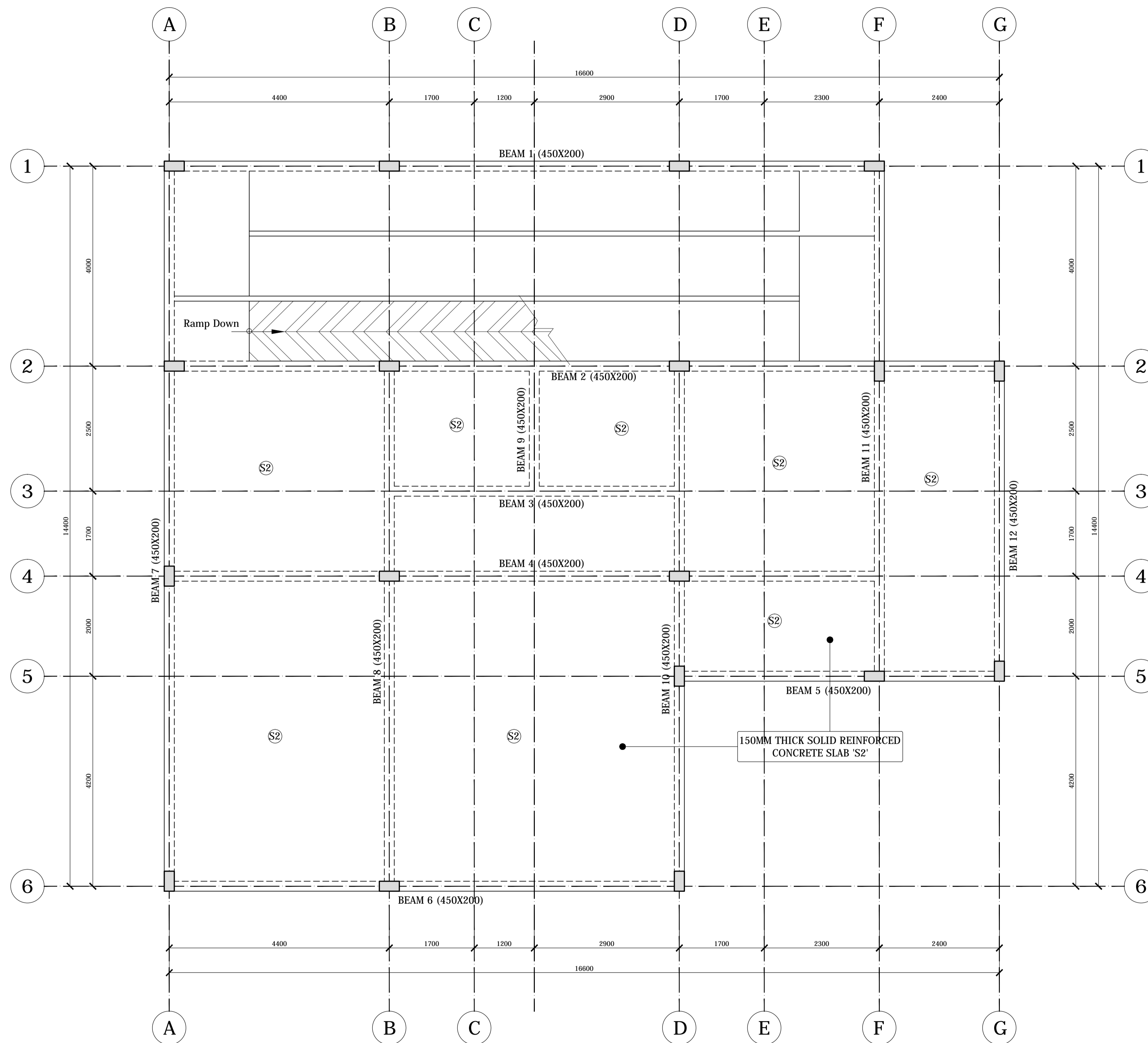
Project
PROPOSED DEVELOPMENT ON PLOT
LR. No.....

Drawing Title
BASES, COLUMN ELEVATIONS,
SECTIONS & R.C DETAILS

Civil & Structural Engineer

Designed by JWW Drawn by JWW
Checked by BAK Approved by
Scales AS SHOWN Date JUNE 2025
Job No. LCS_25-03 ACAD File D:/structures

C STATUS	DRAWING No. LCS_25-03-STR-02	C0 REV
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UPPER GROUND FLOOR LAYOUT BEAM/SLAB LAYOUT
Scale 1:50

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REV	REVISIONS	SIGN	DATE	APPROVED
C0	BY CHECKED			
C1	BY CHECKED			
C2	BY CHECKED			
C3	BY CHECKED			

Client

MR.
P.O BOX
NAIROBI

Project

PROPOSED DEVELOPMENT ON PLOT
LR. No.....

Drawing Title

UPPER GROUND FLOOR
BEAM/SLAB LAYOUT

Civil & Structural Engineer

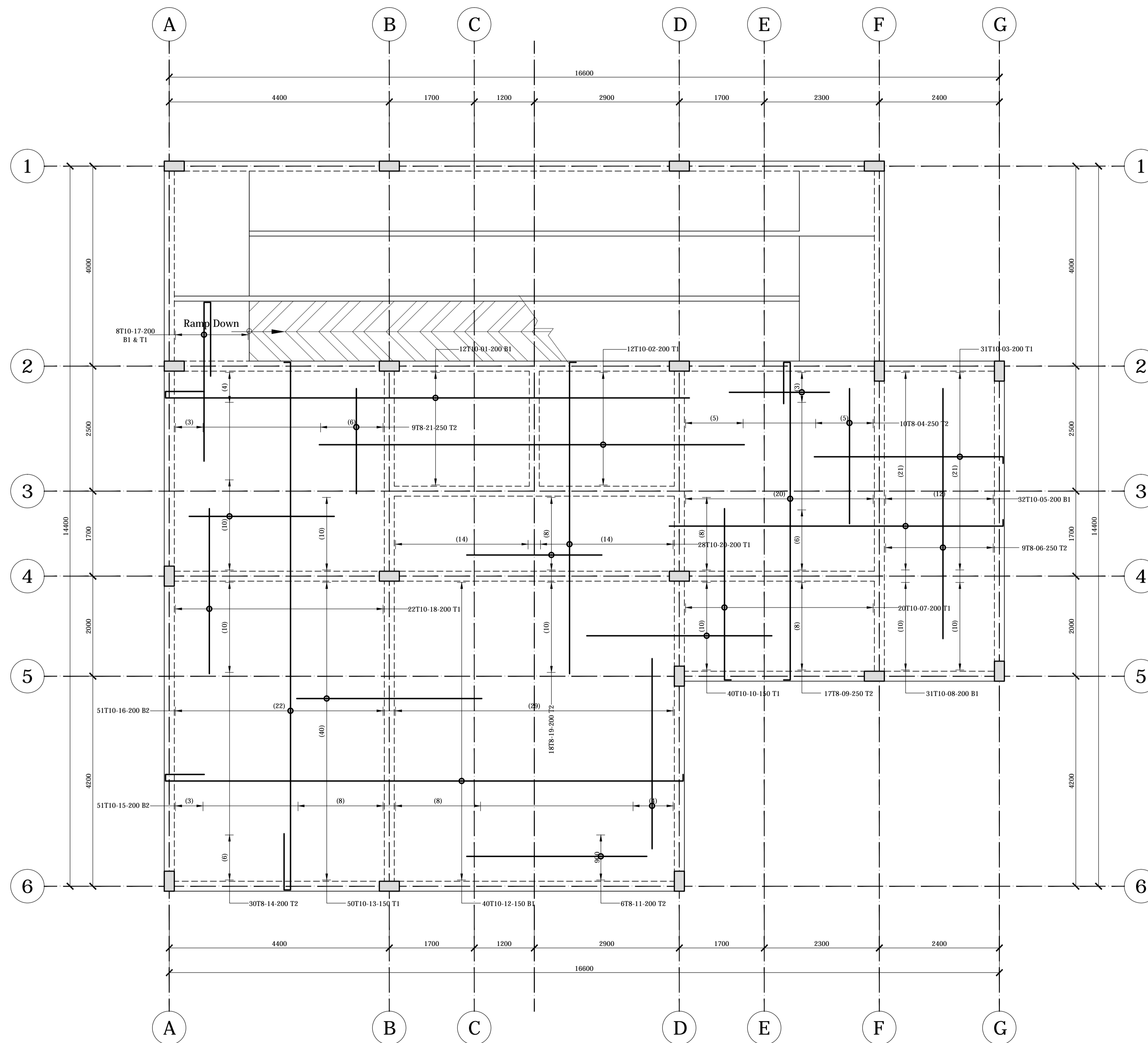
Designed by JWW Drawn by JWW

Checked by BAK Approved by

Scales AS SHOWN Date JUNE 2025

Job No. LCS_25-03 ACAD File D:/structures

C STATUS DRAWING No. LCS_25-03-STR-03 C0 REV



UPPER GROUND FLOOR LAYOUT SLAB LAYOUT & R.C DETAILS
Scale 1:50

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REV	REVISIONS	SIGN	DATE	APPROVED
C0	BY CHECKED			
C1	BY CHECKED			
C2	BY CHECKED			
C3	BY CHECKED			

Client
**MR.
P.O BOX
NAIROBI**

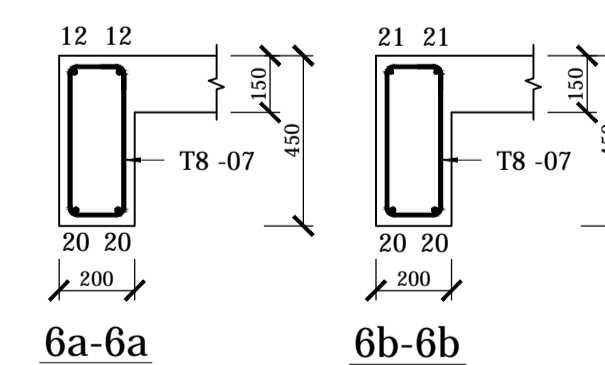
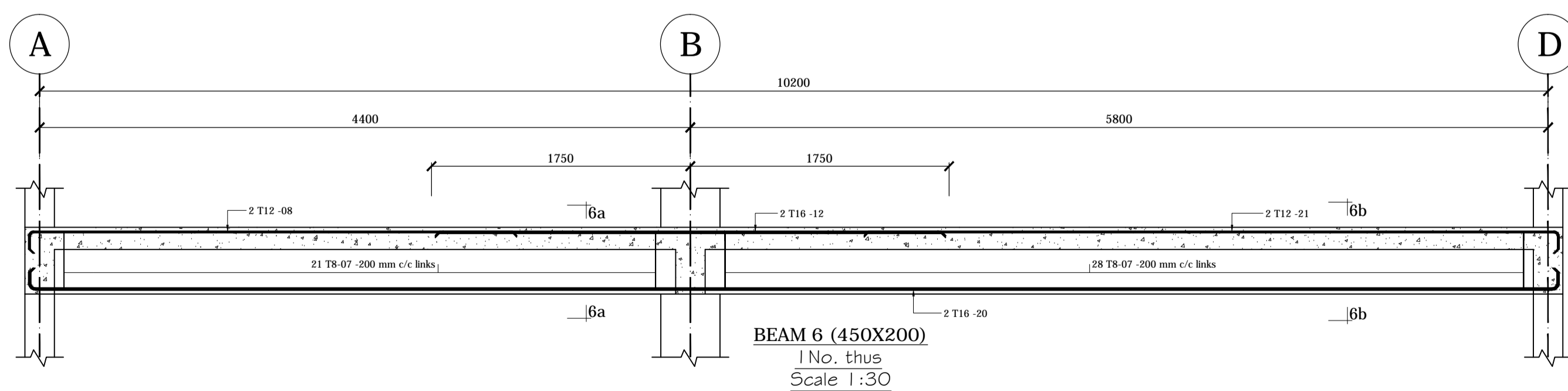
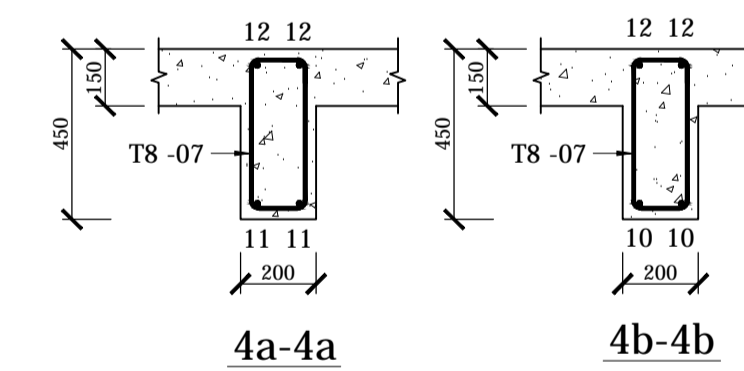
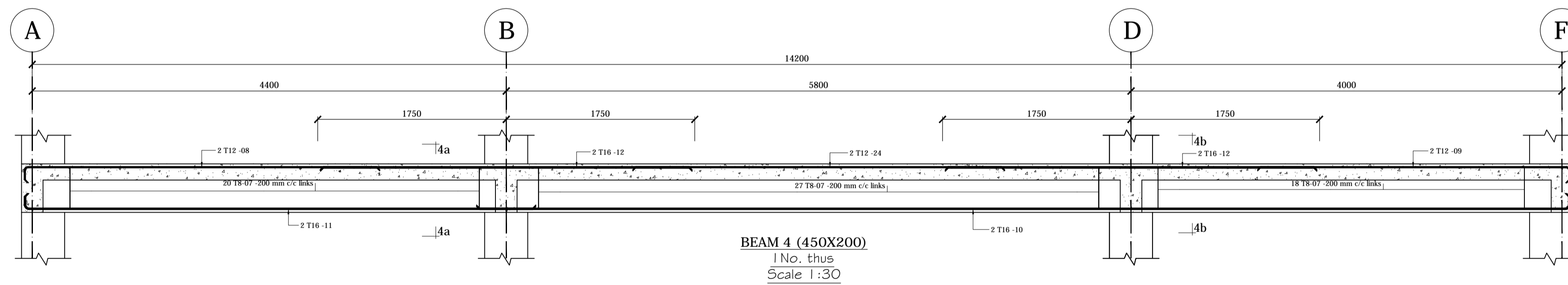
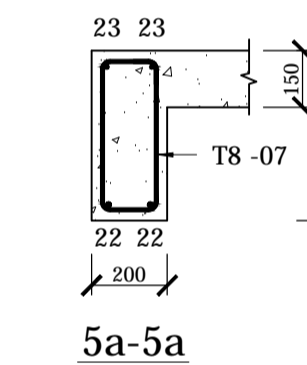
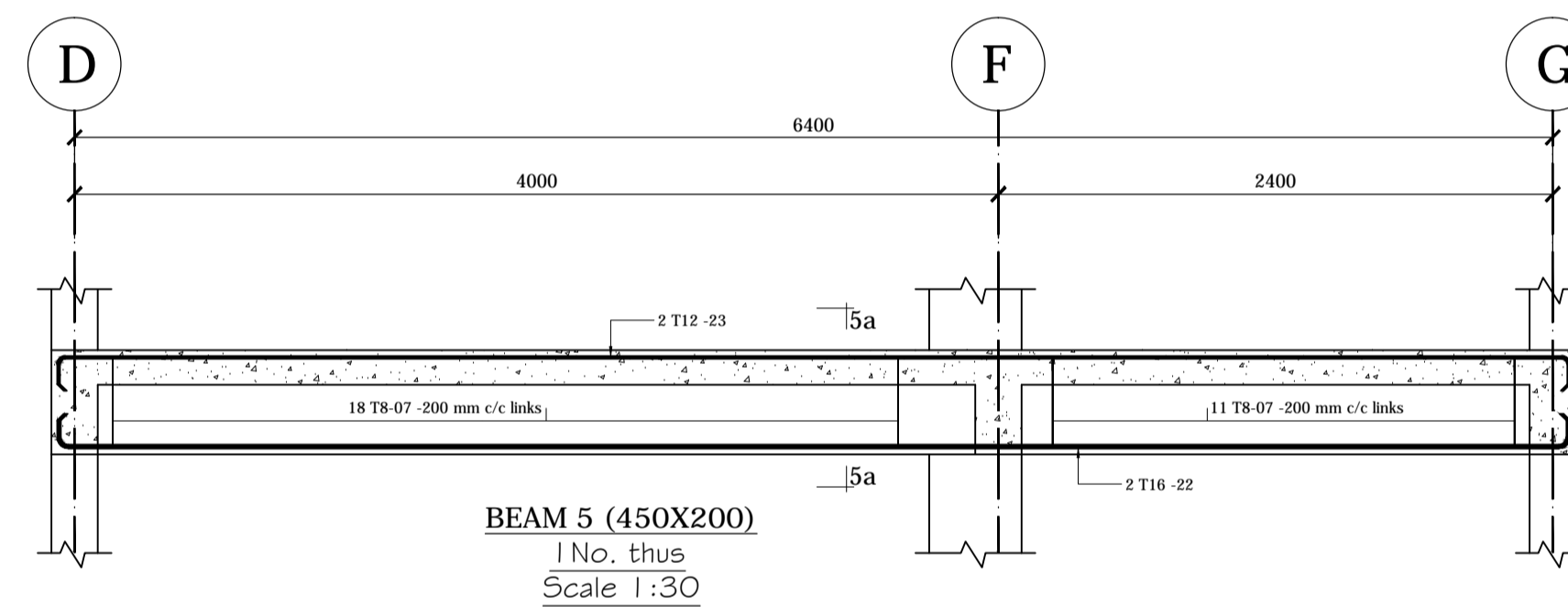
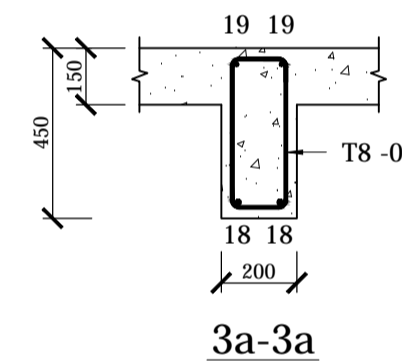
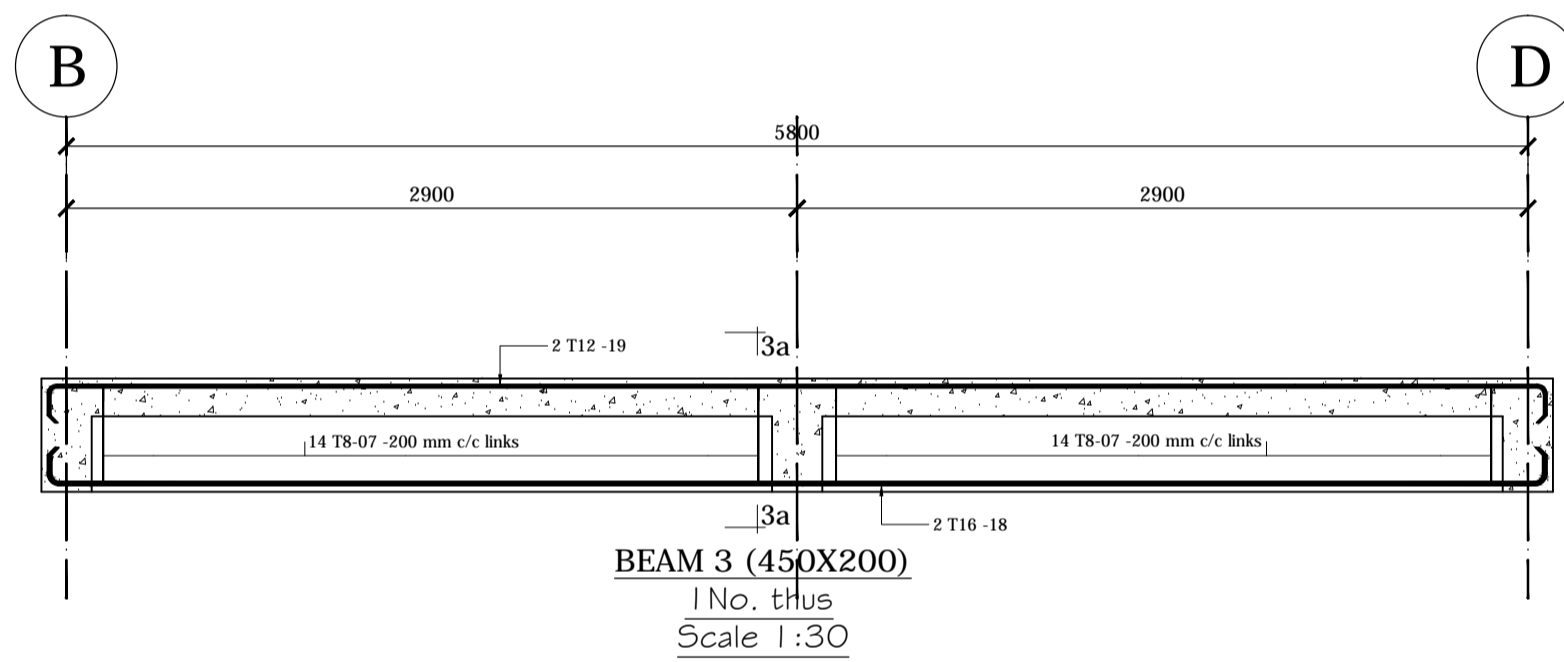
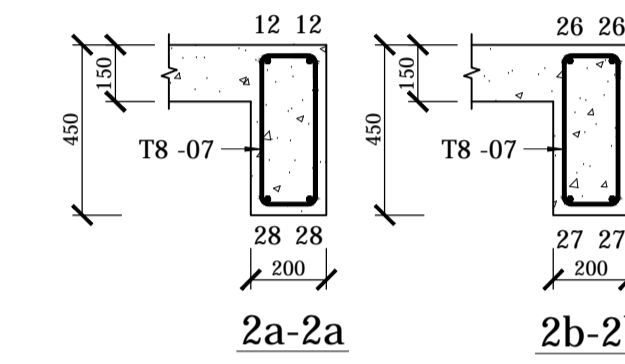
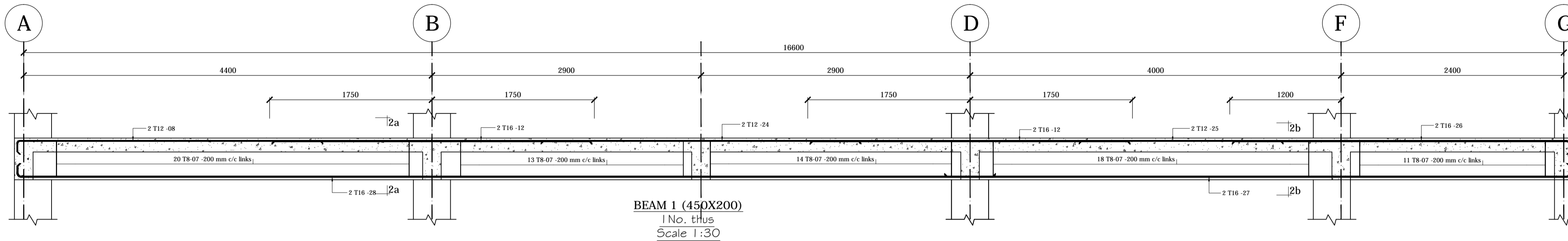
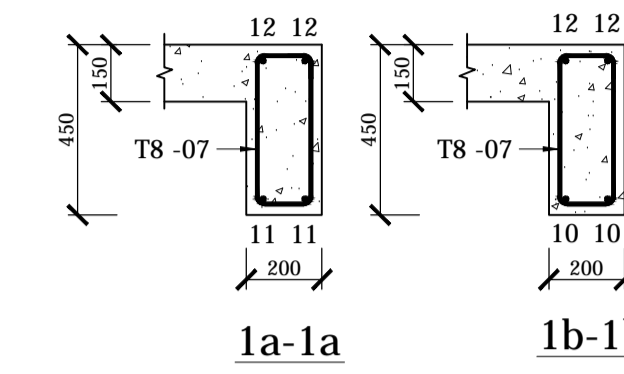
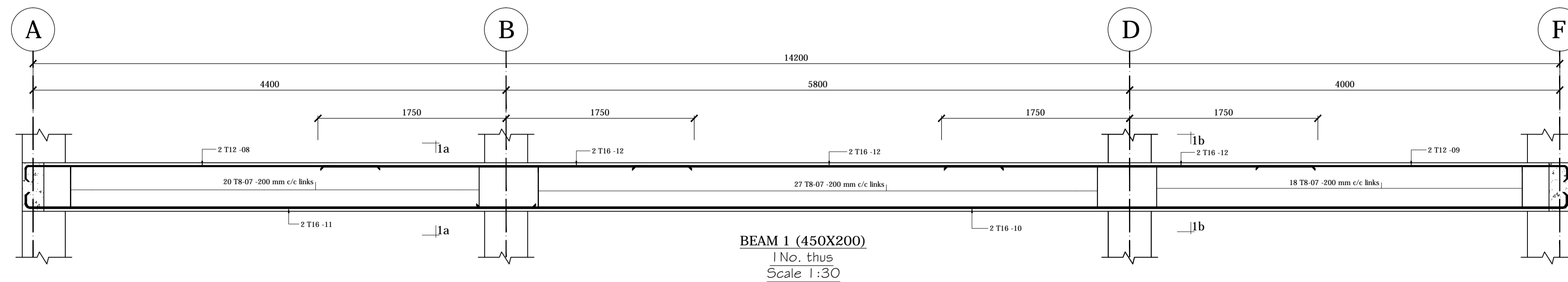
Project
**PROPOSED DEVELOPMENT ON PLOT
LR. No.....**

Drawing Title
**UPPER GROUND FLOOR
BEAM/SLAB LAYOUT & R.C
DETAILS**

Civil & Structural Engineer

Designed by	JWW	Drawn by	JWW
Checked by	BAK	Approved by	
Scales	AS SHOWN	Date	JUNE 2025
Job No.	LCS_25-03	ACAD File	D:/structures

C STATUS DRAWING No. LCS_25-03-STR-04 C0 REV



- NOTES**
1. Read this drawing in conjunction with relevant G.A. Services and Architectural drawings. Any discrepancy to be reported to the Engineer.
 2. All dimensions are in millimeters (mm) unless specified otherwise.
 3. Figured dimensions to be read. No scaling is allowed on this drawing.
 4. All levels are indicated in m unless specified otherwise.
 5. All structural concrete to be Class 25 (1:1.5:3) unless stated otherwise.
 6. Minimum cover to all reinforcement & Maximum tolerance on concrete cover is +/- 5mm :
Columns (main bars) = 40mm, Foundations = 50mm
Slabs = 20mm, Beams = 30mm
 7. All high tensile (T) reinforcement bars to be Grade type 2 in accordance with KS 573:2014 (Fourth Edition) and fabric mesh to be made from cold worked steel bars in accordance with BS 4483.
 8. All reinforcement specification, scheduling, dimensioning, bending and cutting in accordance to BS 8666:2005 otherwise.
 9. Minimum laps to all bars to be 550 unless stated otherwise.
 10. Nominal aggregate size to be 20mm.

REV	REVISIONS	SIGN	DATE	APPROVED
C0	BY CHECKED			
C1	BY CHECKED			
C2	BY CHECKED			
C3	BY CHECKED			

Client

MR.
P.O BOX
NAIROBI

Project

PROPOSED DEVELOPMENT ON PLOT
LR. No.....

Drawing Title

UPPER GROUND FLOOR BEAM
ELEVATIONS, SECTIONS & R.C
DETAILS

Civil & Structural Engineer

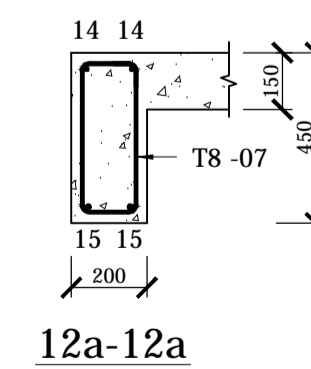
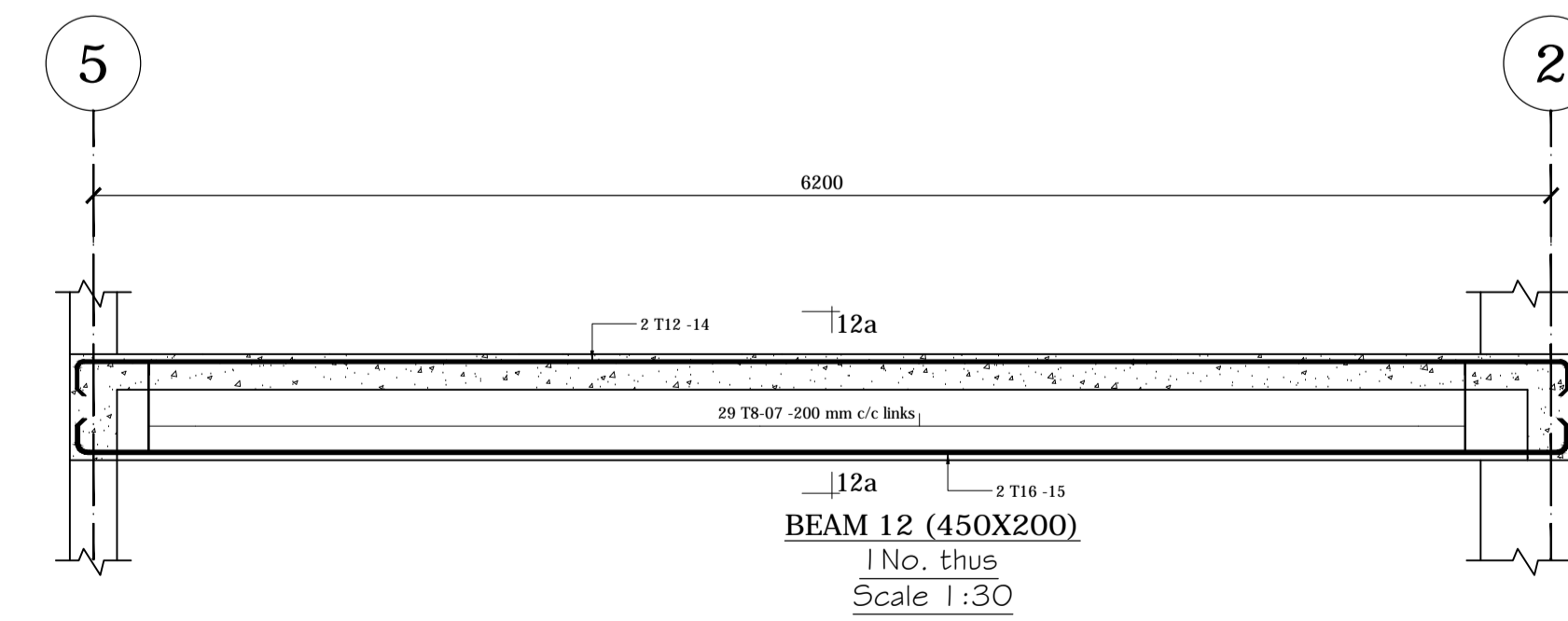
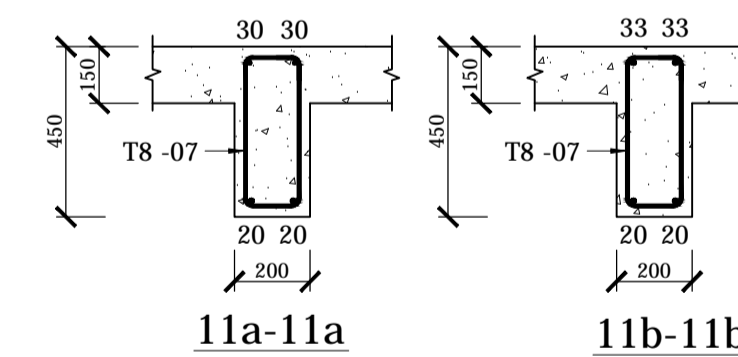
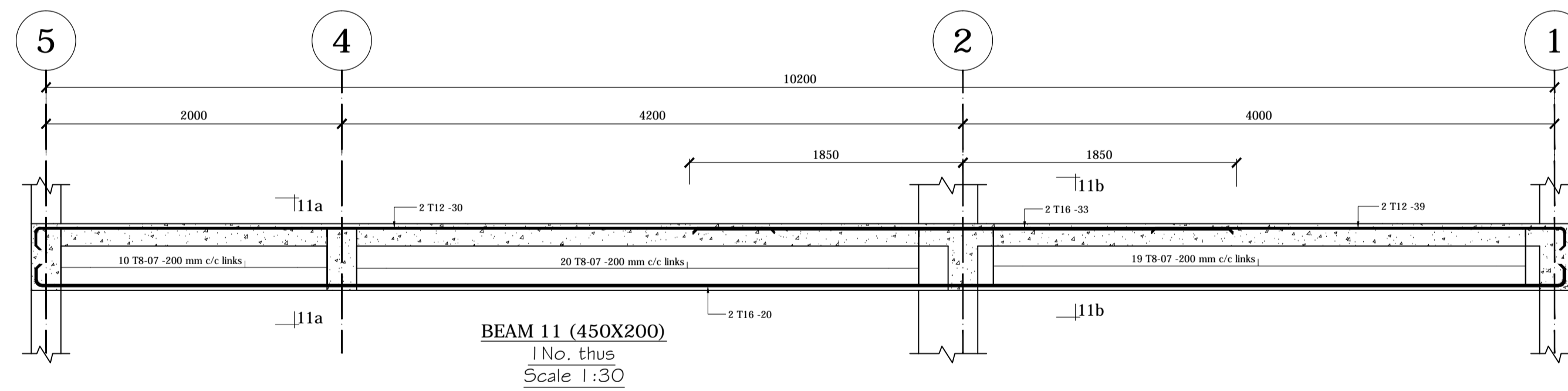
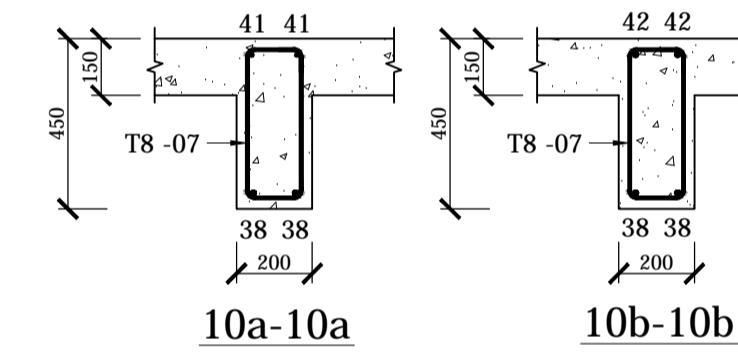
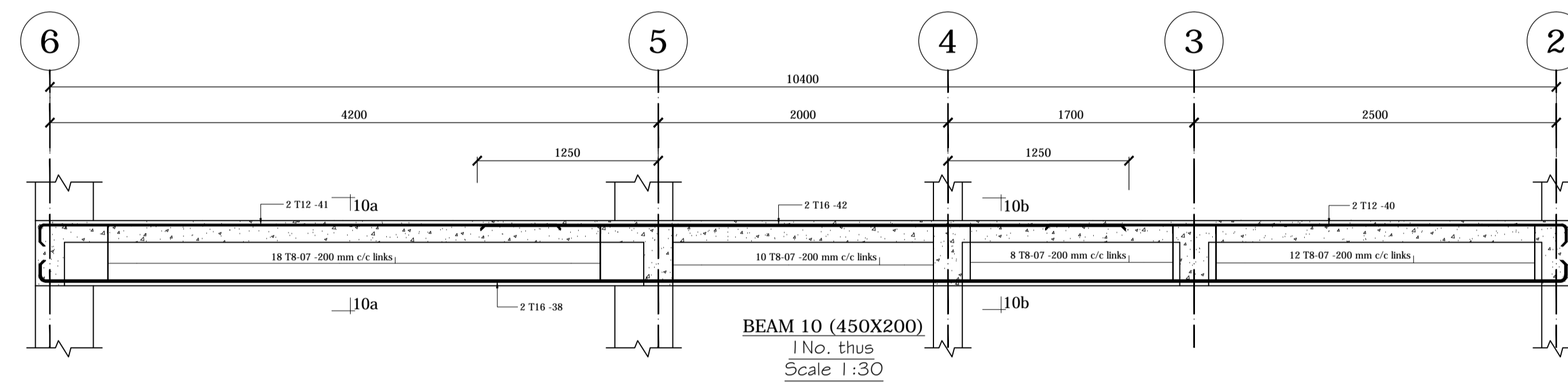
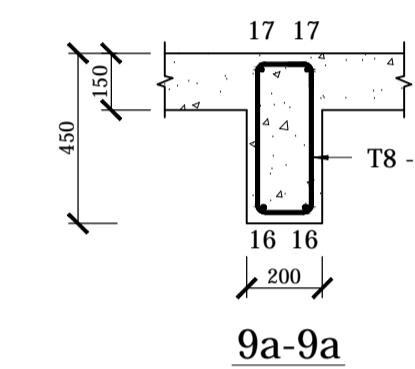
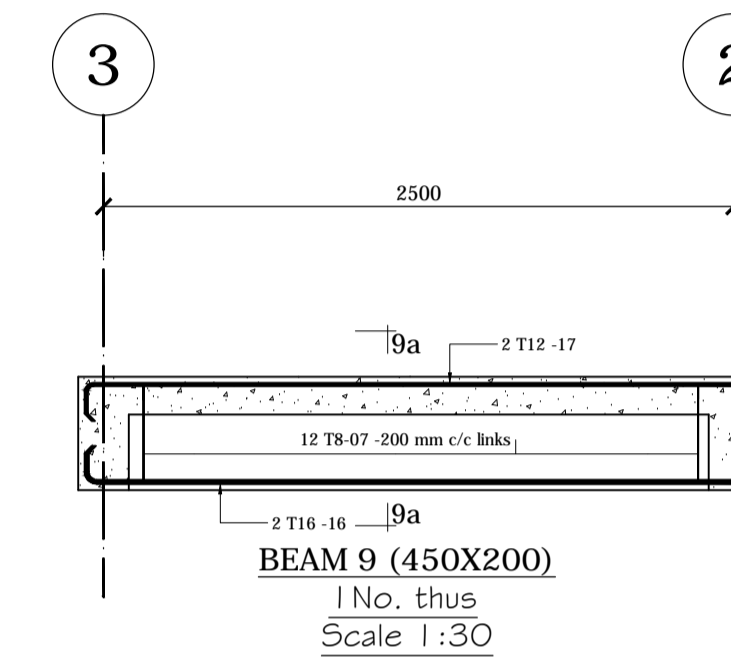
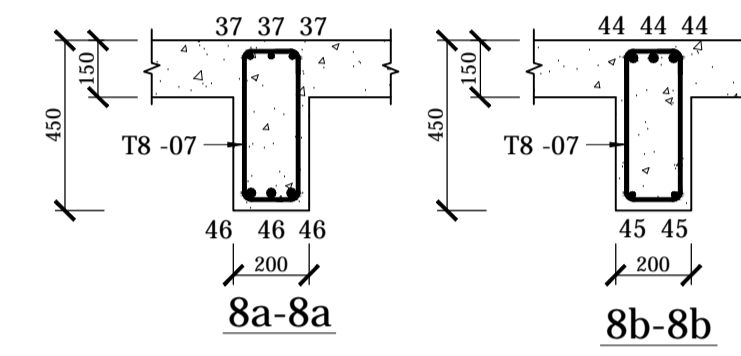
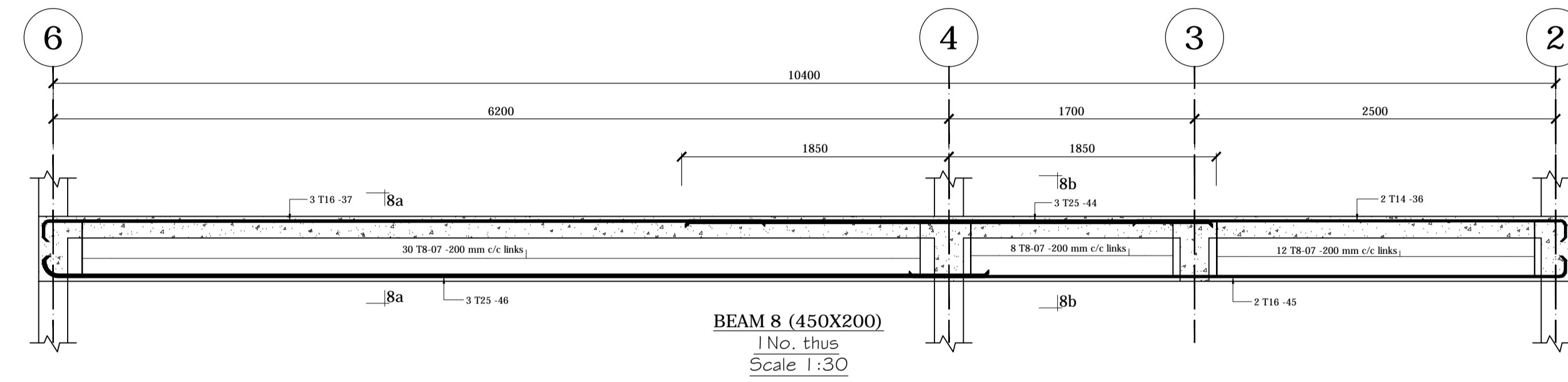
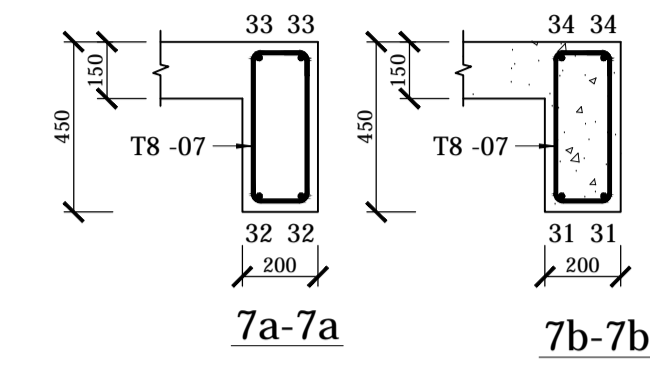
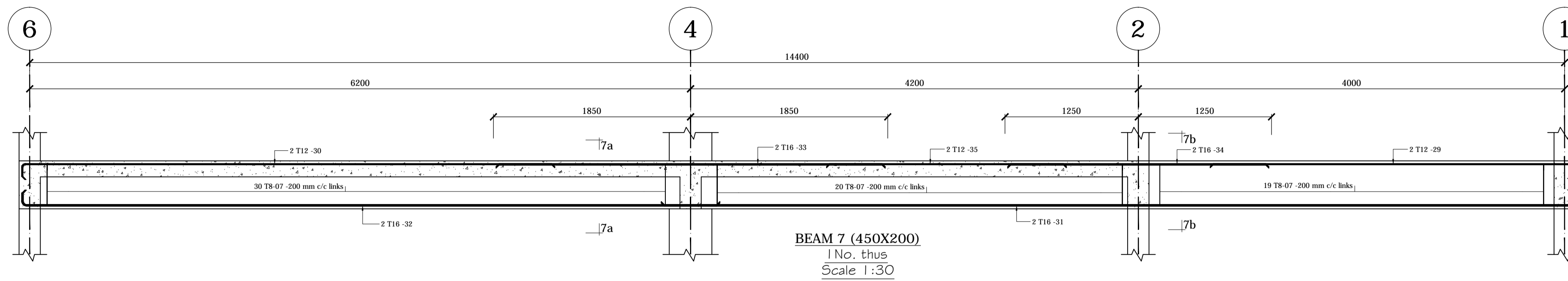
Designed by JWW Drawn by JWW

Checked by BAK Approved by

Scales AS SHOWN Date JUNE 2025

Job No. LCS_25-03 ACAD File D:/structures

C STATUS DRAWING No. LCS_25-03-STR-05 C0 REV



- NOTES**
1. Read this drawing in conjunction with relevant G.A. Services and Architectural drawings. Any discrepancy to be reported to the Engineer.
 2. All dimensions are in millimeters (mm) unless specified otherwise.
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 9. Minimum laps to all bars to be 550 unless stated otherwise.
 10. Nominal aggregate size to be 20mm.

REV	REVISIONS	SIGN	DATE	APPROVED
C0	BY CHECKED			
C1	BY CHECKED			
C2	BY CHECKED			
C3	BY CHECKED			

Client

MR.
P.O BOX
NAIROBI

Project

PROPOSED DEVELOPMENT ON PLOT
LR. No.....

Drawing Title

UPPER GROUND FLOOR BEAM
ELEVATIONS, SECTIONS & R.C
DETAILS

Civil & Structural Engineer

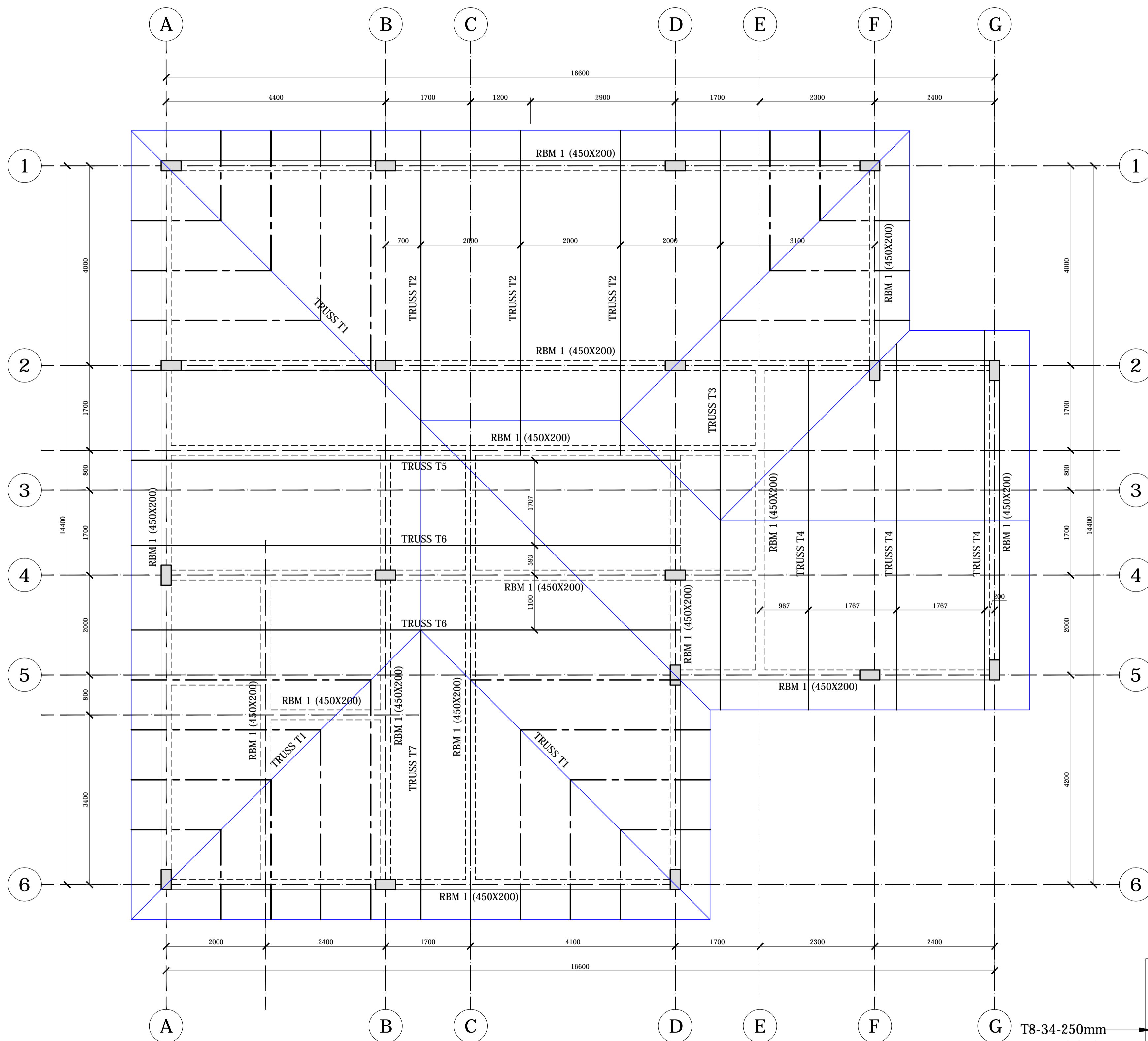
Designed by JWW Drawn by JWW

Checked by BAK Approved by

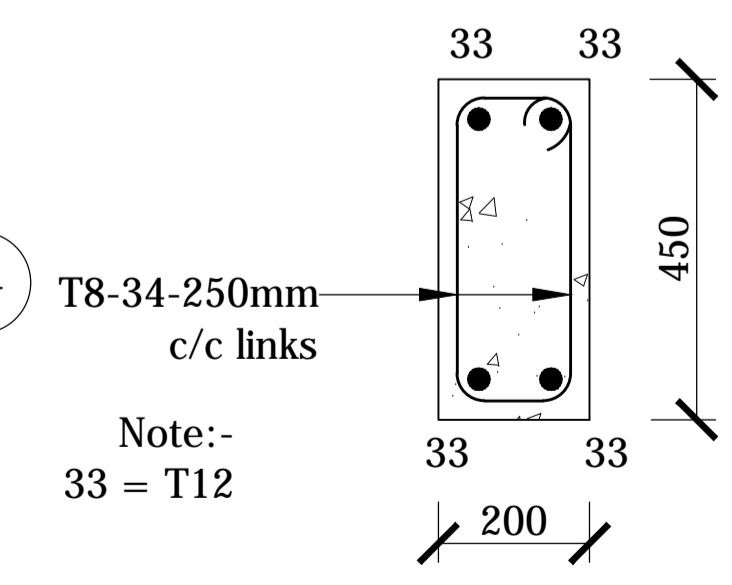
Scales AS SHOWN Date JUNE 2025

Job No. LCS_25-03 ACAD File D:/structures

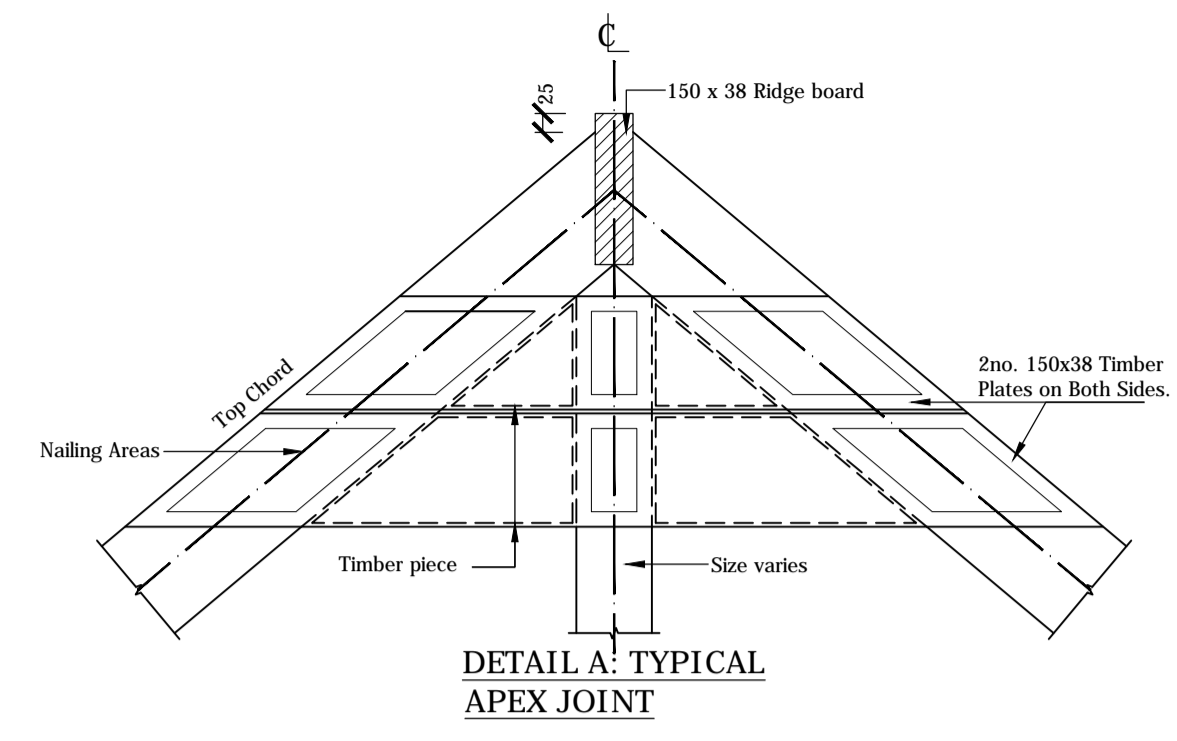
C STATUS DRAWING No. LCS_25-03-STR-06 C0 REV



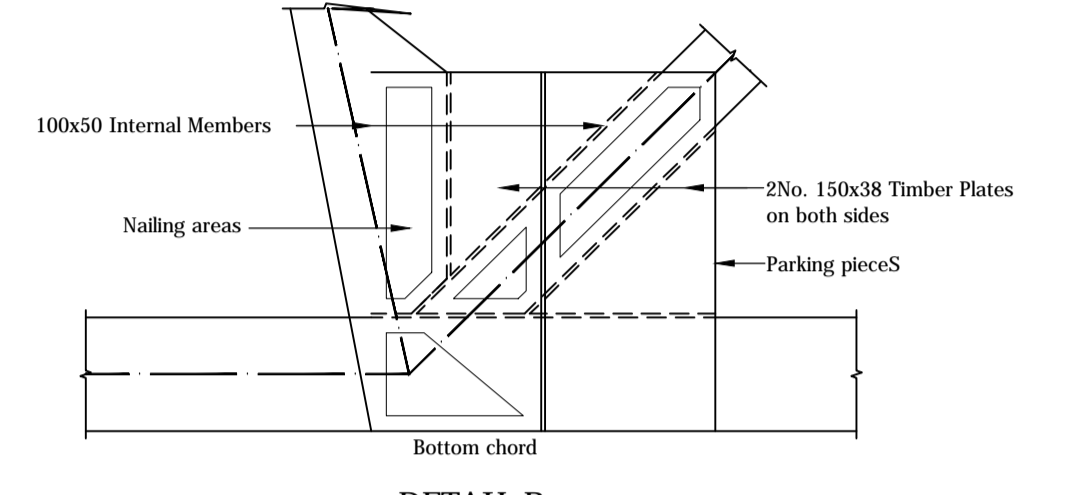
ROOF LAYOUT
Scale 1:50



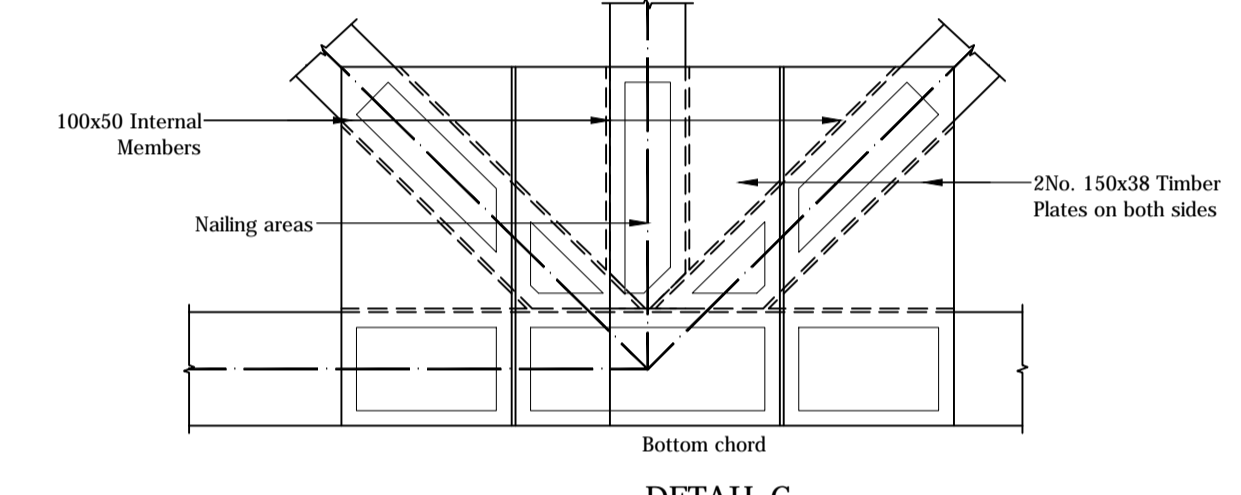
TYPICAL RING BEAM
SECTION 'RBM 1 450X200'
SCALE 1:20



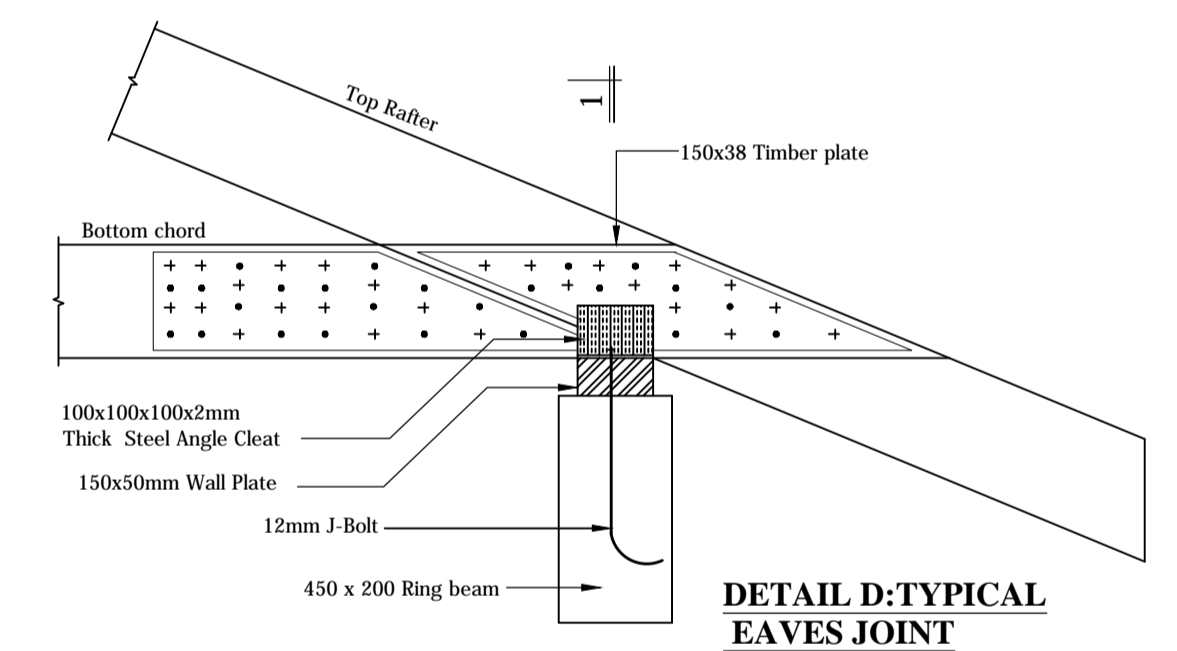
DETAIL A: TYPICAL
APEX JOINT



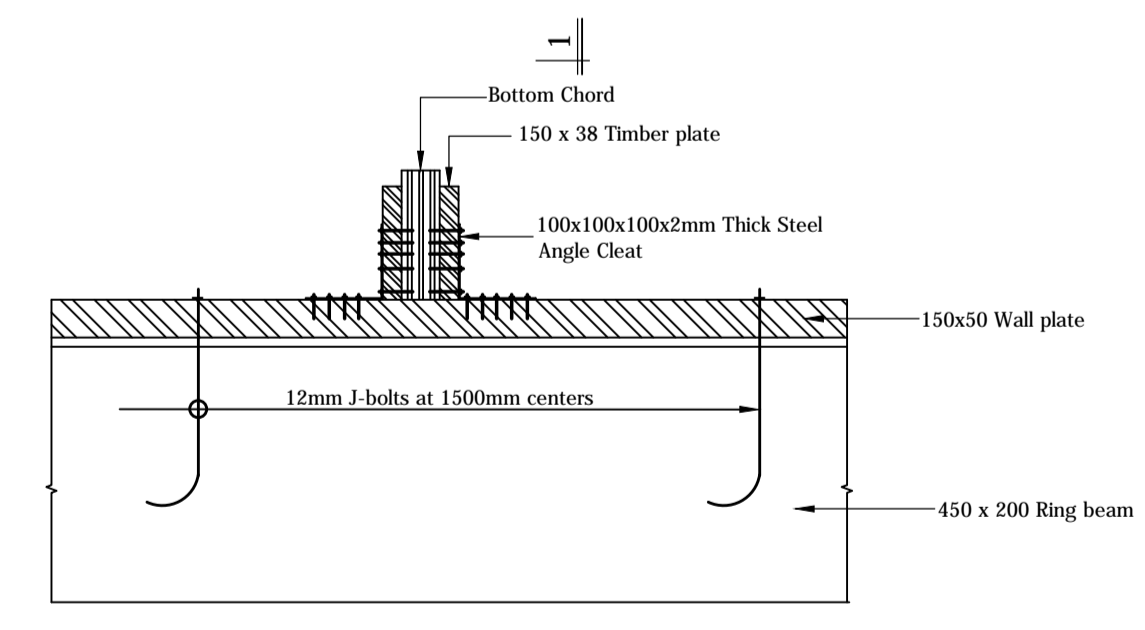
DETAIL B



DETAIL C



DETAIL D: TYPICAL
EAVES JOINT



SEC: 1-1

NOTES

- All dimensions are in mm unless otherwise stated.
- This drawing must be read in conjunction with Architectural drawings and any other relevant drawings.
- Only figured dimensions to be taken, no scaling is allowed.
- These trusses are intended for use with GCI roofing sheets on 100x50mm timber purlins on trusses at Max. 1800mm c/c with 100x50 intermediate Rafters.
- All timber to be sawn cypress of GS grade, seasoned to less than 20% moisture content.
- All timber to be preservative treated.
- All J-bolts to be 12mm diameter black bolts and 3mm steel washers to be red-oxide (anti-rust) treated.
- Sample Timber Truss must be inspected and approved by the Structural Engineer before commencing fabrication.
- Roof pitch = 25°.

REV	REVISIONS	SIGN	DATE	APPROVED
C0	BY CHECKED			
C1	BY CHECKED			
C2	BY CHECKED			
C3	BY CHECKED			

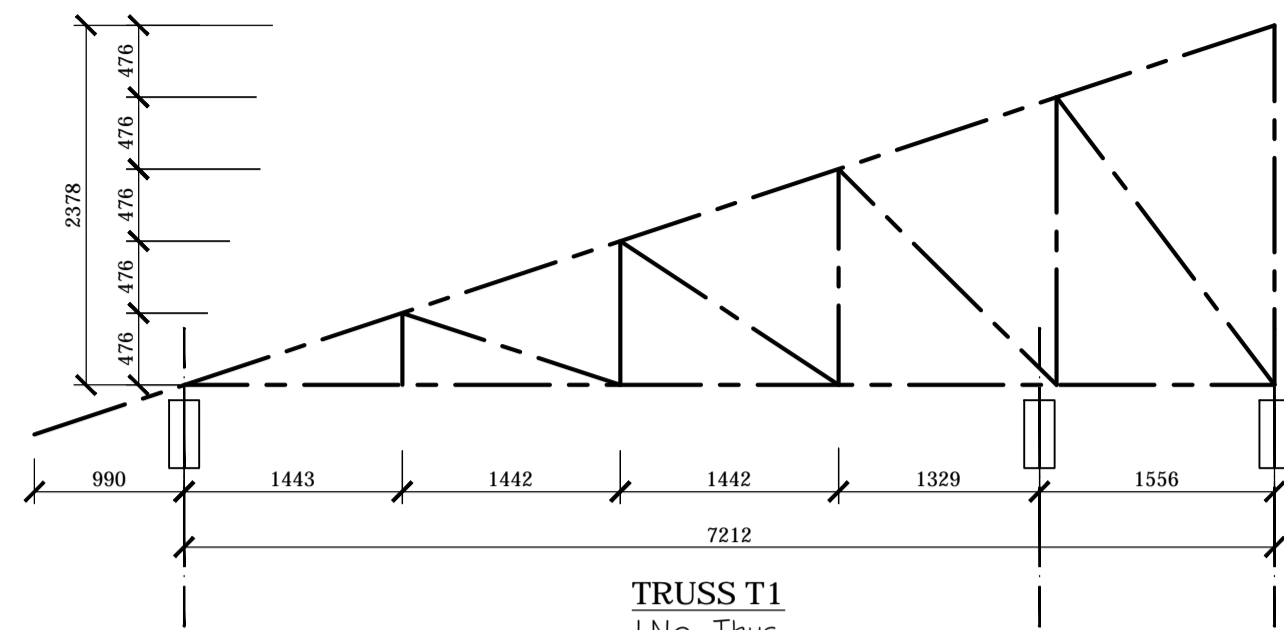
Client
**MR.
P.O BOX
NAIROBI**

Project
**PROPOSED DEVELOPMENT ON PLOT
LR. No.....**

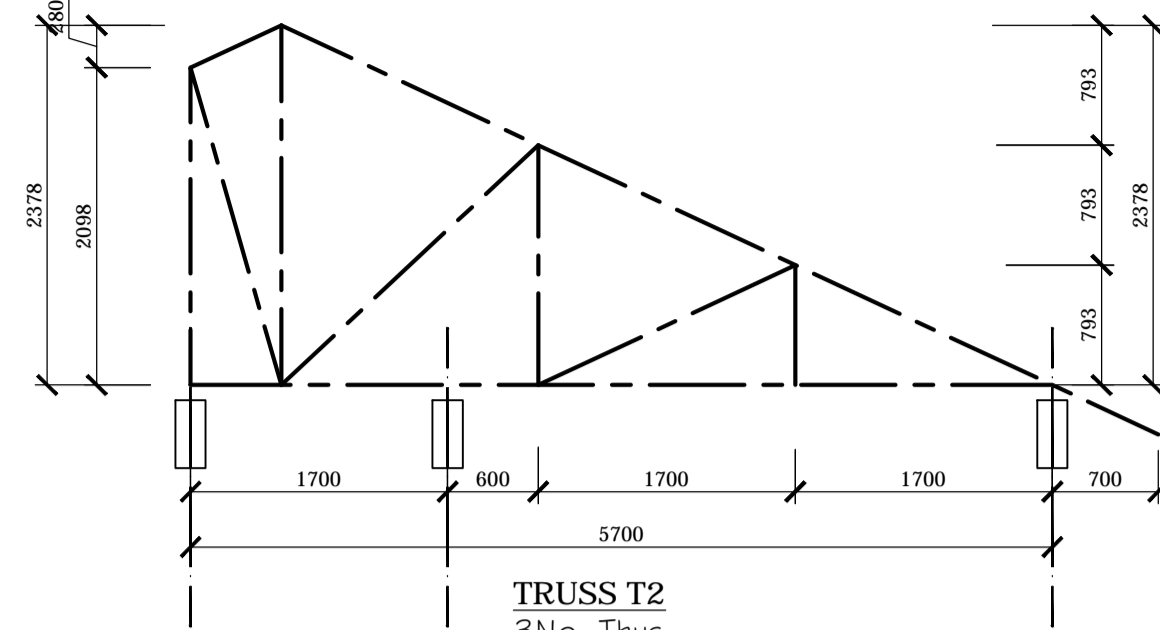
Drawing Title
**ROOF LAYOUT, RING BEAM
SECTIONS & TIMBER
CONNECTION DETAILS**

Civil & Structural Engineer

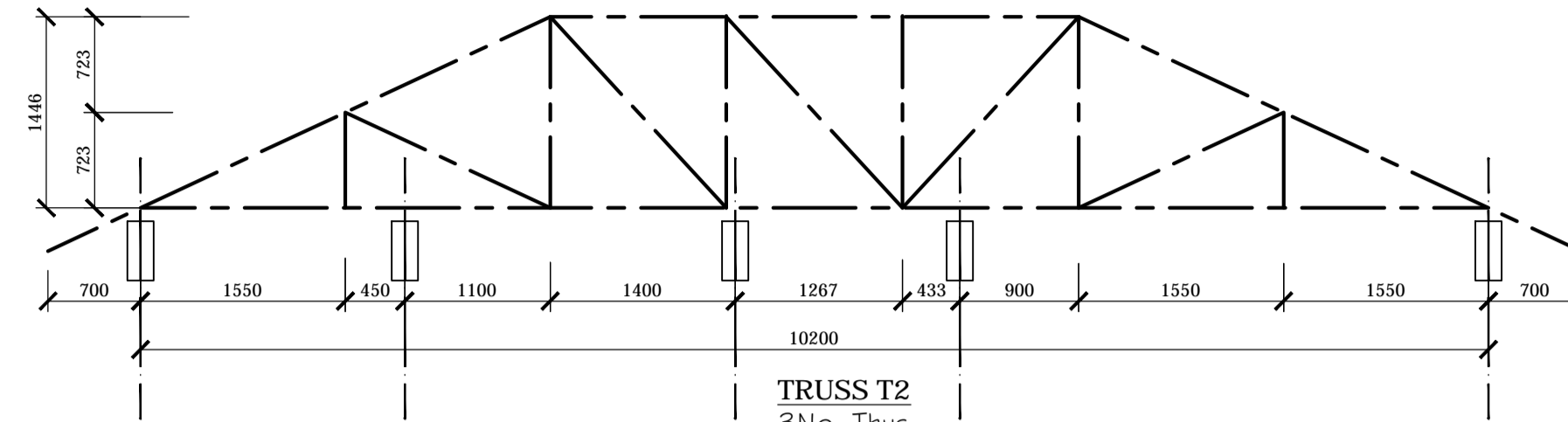
Designed by	JWW	Drawn by	JWW
Checked by	BAK	Approved by	
Scales	AS SHOWN	Date	JUNE 2025
Job No.	LCS_25-03	ACAD File	D:/structures
C STATUS	DRAWING No. LCS_25-03-STR-01		C0 REV



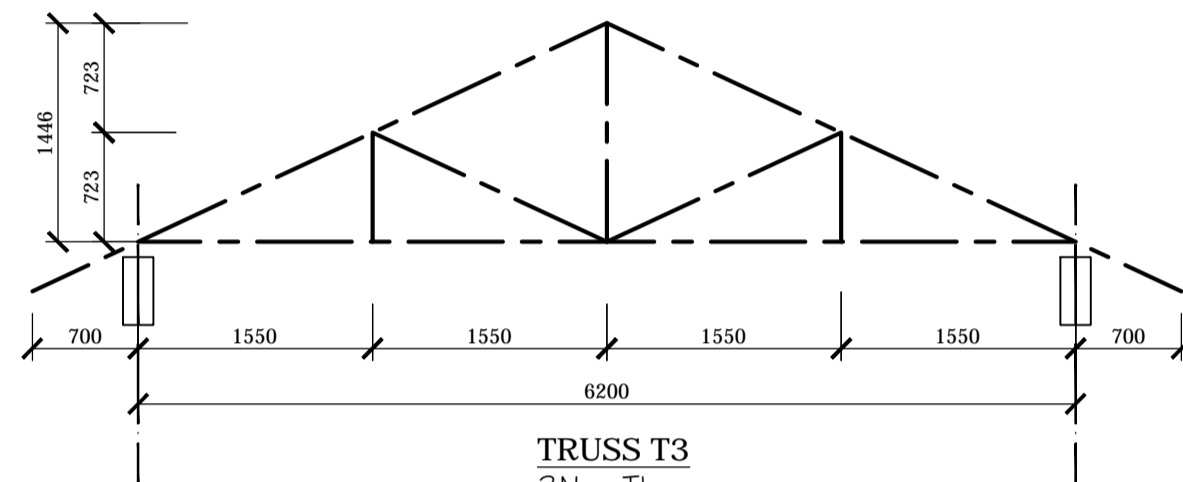
TRUSS T1
1 No. Truss
Scale 1:50



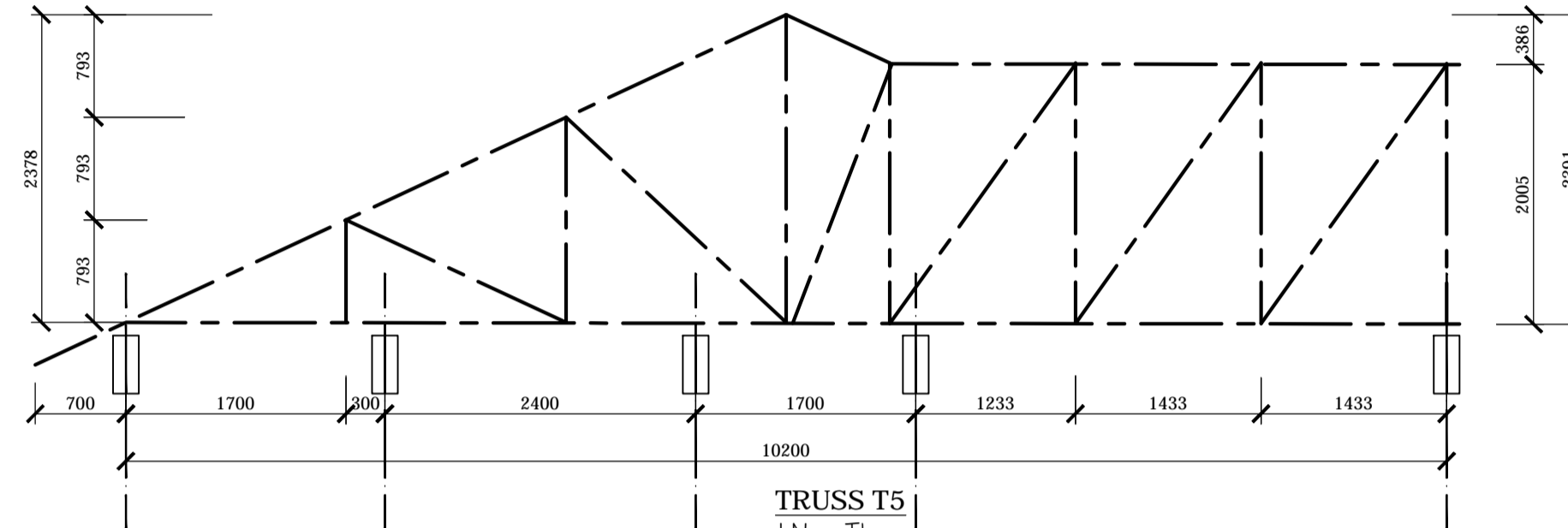
TRUSS T2
3 No. Truss
Scale 1:50



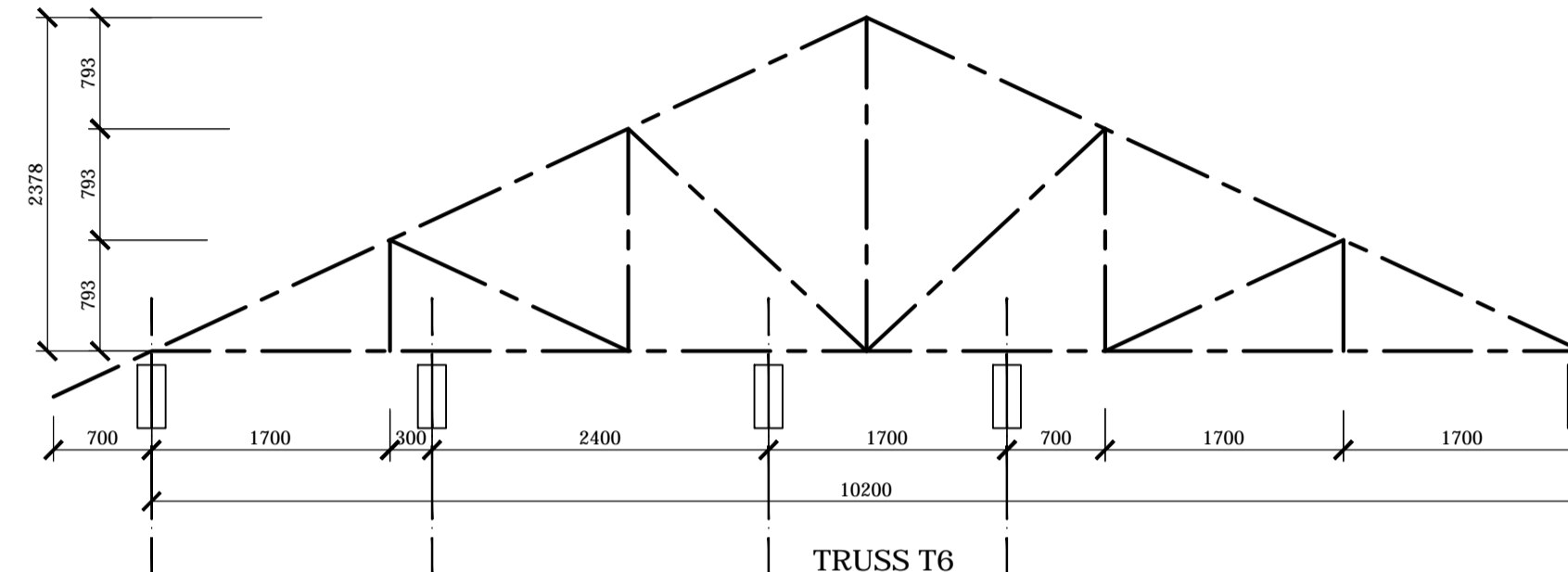
TRUSS T2
3 No. Truss
Scale 1:50



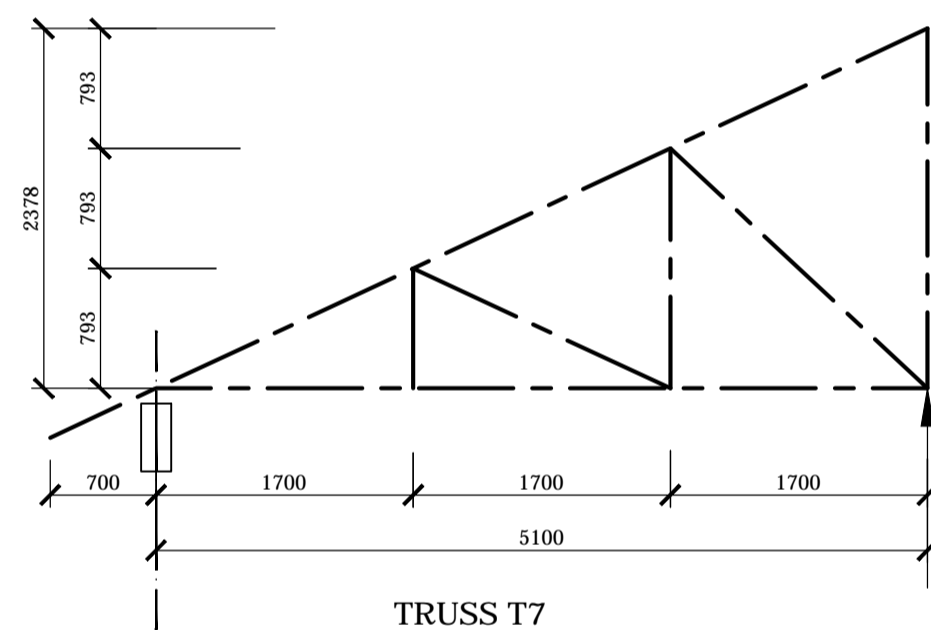
TRUSS T3
3 No. Truss
Scale 1:50



TRUSS T5
1 No. Truss
Scale 1:50



TRUSS T6
1 No. Truss
Scale 1:50



TRUSS T7
1 No. Truss
Scale 1:50

NOTES

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- Sample Timber Truss must be inspected and approved by the **Structural Engineer** before commencing fabrication.
- Roof pitch = 25°.

REV	REVISIONS	SIGN	DATE	APPROVED
C0	BY CHECKED			
C1	BY CHECKED			
C2	BY CHECKED			
C3	BY CHECKED			

Client
**MR.
P.O BOX
NAIROBI**

Project
**PROPOSED DEVELOPMENT ON PLOT
LR. No.....**

Drawing Title
TRUSS ELEVATIONS

Civil & Structural Engineer

Designed by	JWW	Drawn by	JWW
Checked by	BAK	Approved by	
Scales	AS SHOWN	Date	JUNE 2025
Job No.	LCS_25-03	ACAD File	D:/structures

C STATUS	DRAWING No. LCS_25-03-STR-08	C0 REV
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