

- NOTE:**
- All dimensions are in mm unless otherwise specified
  - All discrepancies shall be referred to the structural engineer
  - Reinforced concrete shall be of grade 20 with  $f_{cu}=25N/mm^2$  at 28 days of age
  - Main reinforcements shall be high tensile steel with  $f_y = 460N/mm^2$
  - Nominal cover to the reinforcements:
    - Foundation 50mm
    - Column 25mm
    - Beam 25mm
    - Slab 25mm
  - For walls; use compressive blocks 4.5Mpa
  - Minimum soil bearing capacity is  $150kN/m^2$ ,
  - Use well seasoned pressure impregnated soft wood for roof truss

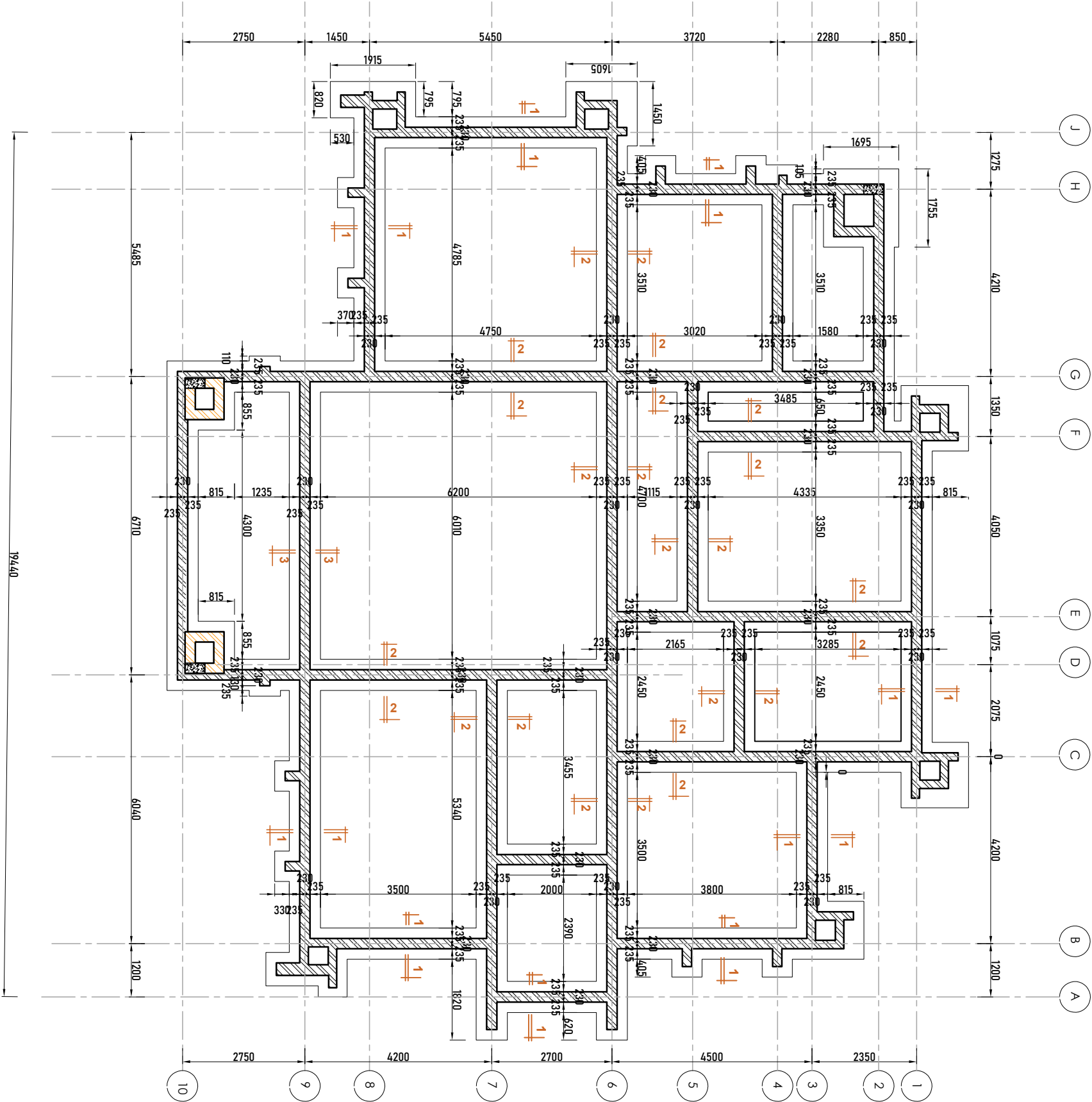
**President's Office, Regional Administration and Local Government, Government City - Mtumba, TAMISEMI Street, P.O.Box 1923, 41185 Dodoma.**

**CLIENT**  
**REGIONAL ADMINISTRATIVE SECRETARY,**  
**TANZANIA MAIN LAND**

**PROJECT**  
**PROPOSED RESIDENTIAL HOUSE FOR ASSISTANT ADMINISTRATIVE SECRETARY (STANDARD DESIGN), TANZANIA MAINLAND**

**DRAWING TITLE**  
**FOUNDATION PLAN**

Designed by:	ENG. A.MA
Drawn by:	ENG. A.M.A
Checked by:	ENG. R.A.M
Approved by:	
Date: <b>Sept 2021</b>	Scale:
Drawing No. <b>STR.AAS101</b>	Sheet:



FOUNDATION LAYOUT PLAN

**NOTE:**

- All dimensions are in mm unless otherwise specified
- All discrepancies shall be referred to the structural engineer
- Reinforced concrete shall be of grade 20 with  $f_{cu}=25N/mm^2$  at 28 days of age
- Main reinforcements shall be high tensile steel with  $f_y = 460N/mm^2$
- Nominal cover to the reinforcements:
  - Foundation 50mm
  - Column 25mm
  - Beam 25mm
  - Slab 25mm
- For walls; use compressive blocks 4.5MPa
- Minimum soil bearing capacity is  $150kN/m^2$ ,
- Use well seasoned pressure impregnated soft wood for roof truss

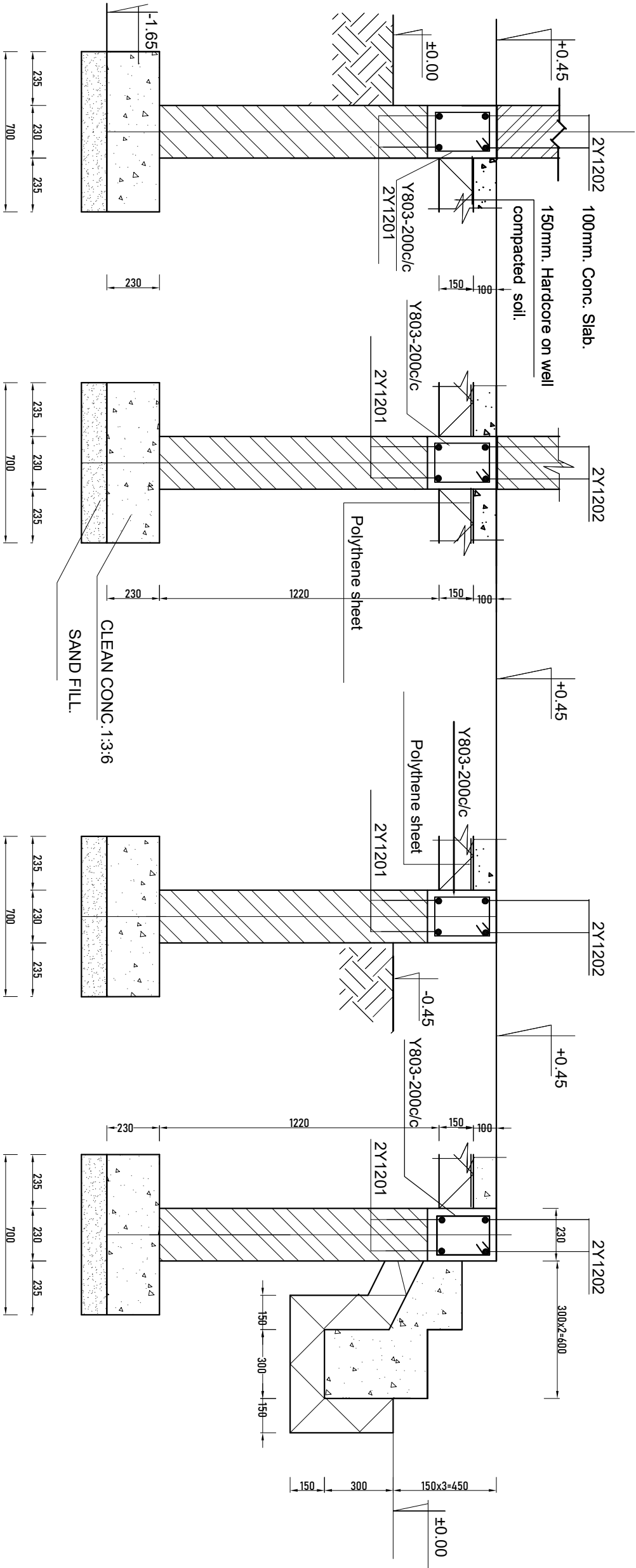
**President's Office, Regional Administration and Local Government, Government City - Mtumba, TAMISEMI Street, P.O.Box 1923, 41185 Dodoma.**

**CLIENT**  
**REGIONAL ADMINISTRATIVE SECRETARY,**  
**TANZANIA MAIN LAND**

**PROJECT**  
**PROPOSED RESIDENTIAL HOUSE FOR ASSISTANT ADMINISTRATIVE SECRETARY (STANDARD DESIGN), TANZANIA MAINLAND**

**DRAWING TITLE**  
**FOUNDATION DETAILS**

Designed by:	ENG. A.MA
Drawn by:	ENG. A.M.A
Checked by:	ENG. R.A.M
Approved by:	
Date: <b>Sept 2021</b>	Scale:
Drawing No. <b>STR.AAS102</b>	Sheet:



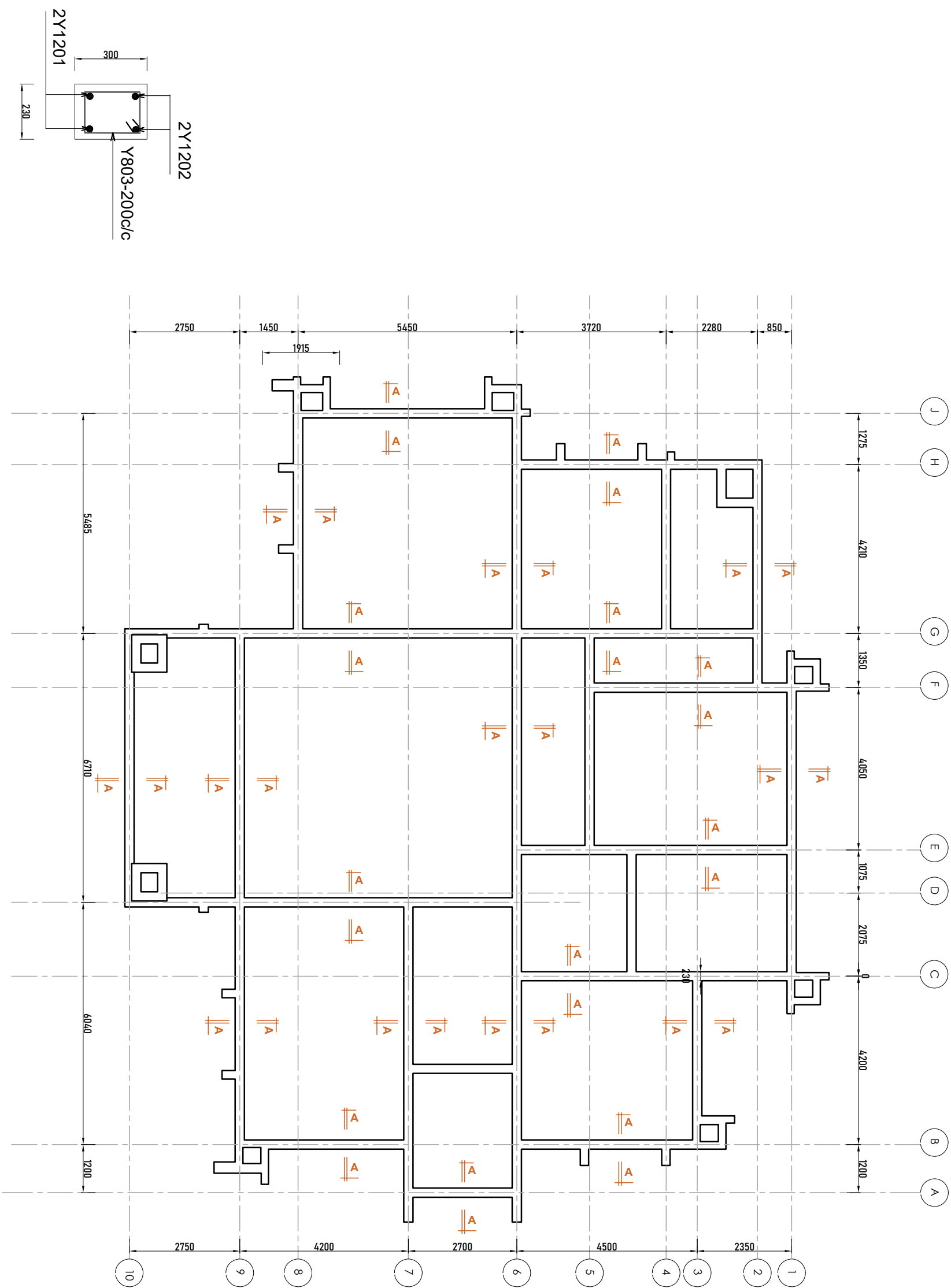
**Section 1-1** scale 1:25

**Section 2-2** scale 1:25

**Section 3-3** scale 1:25

**Section 4-4** scale 1:25

**FOUNDATION DETAILS**



SECTION A-A

PLINTH BEAMS LAYOUT PLAN

**NOTE:**

1. All dimensions are in mm unless otherwise specified
2. All discrepancies shall be referred to the structural engineer
3. Reinforced concrete shall be of grade 20 with  $f_{cu}=25N/mm^2$  at 28 days of age
4. Main reinforcements shall be high tensile steel with  $f_y = 460N/mm^2$
5. Nominal cover to the reinforcements:
  - a) Foundation 50mm
  - b) Column 25mm
  - c) Beam 25mm
  - d) Slab 25mm
6. For walls; use compressive blocks 4.5Mpa
7. Minimum soil bearing capacity is  $150kN/m^2$ ,
8. Use well seasoned pressure impregnated soft wood for roof truss

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**Government City - Mtumba,**  
**TAMISEMI Street,**  
**P.O.Box 1923,**  
**41185 Dodoma.**

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**TANZANIA MAIN LAND**

**PROJECT**  
**PROPOSED RESIDENTIAL HOUSE FOR ASSISTANT ADMINISTRATIVE SECRETARY (STANDARD DESIGN), TANZANIA MAINLAND**

**DRAWING TITLE**  
**PLINTH BEAMS**

Designed by:	ENG. A.MA
Drawn by:	ENG. A.MA
Checked by:	ENG. R.A.M
Approved by:	
Date: <b>Sept 2021</b>	Scale:
Drawing No. <b>STR.AAS103</b>	Sheet:

- NOTE:**
- All dimensions are in mm unless otherwise specified
  - All discrepancies shall be referred to the structural engineer
  - Reinforced concrete shall be of grade 20 with  $f_{cu}=25N/mm^2$  at 28 days of age
  - Main reinforcements shall be high tensile steel with  $f_y = 460N/mm^2$
  - Nominal cover to the reinforcements:
    - Foundation 50mm
    - Column 25mm
    - Beam 25mm
    - Slab 25mm
  - For walls; use compressive blocks 4.5Mpa
  - Minimum soil bearing capacity is  $150kN/m^2$ ,
  - Use well seasoned pressure impregnated soft wood for roof truss

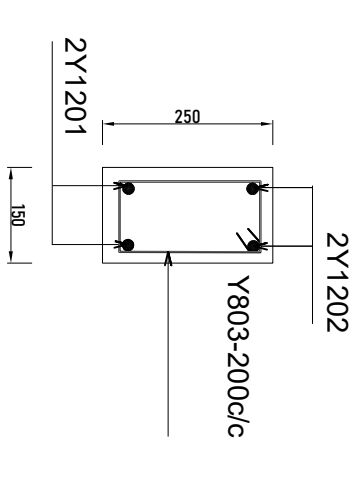
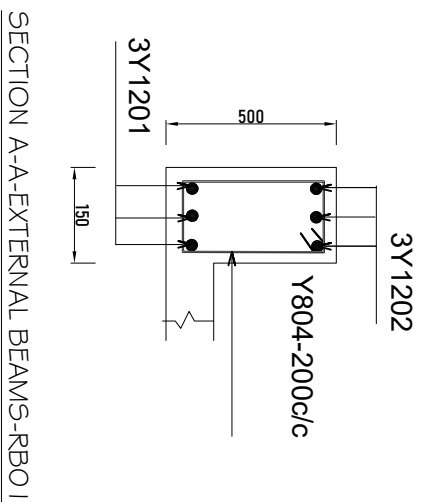
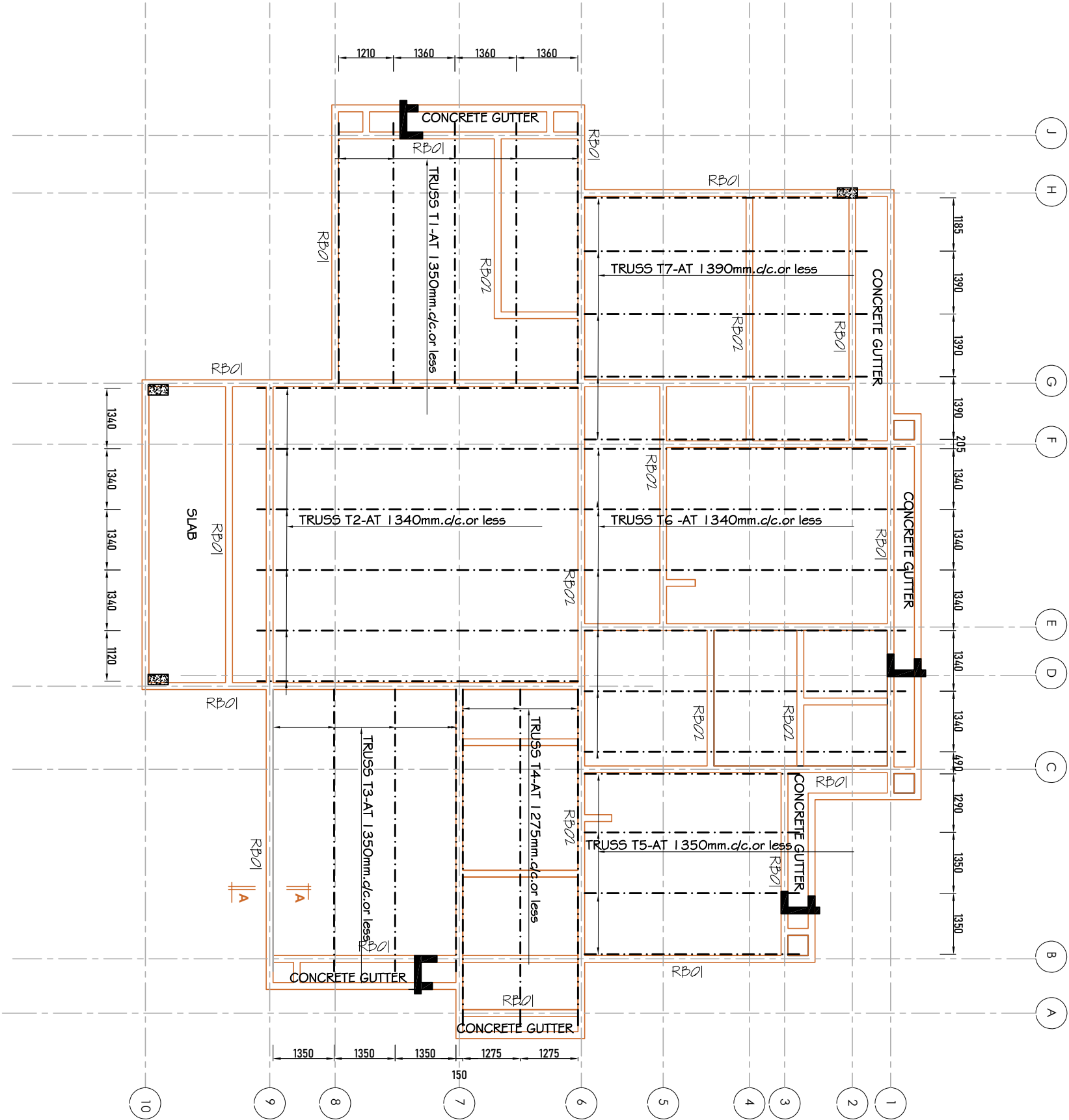
**President's Office, Regional Administration and Local Government, Government City - Mtumba, TAMISEMI Street, P.O.Box 1923, 41185 Dodoma.**

**CLIENT**  
**REGIONAL ADMINISTRATIVE SECRETARY,**  
**TANZANIA MAIN LAND**

**PROJECT**  
**PROPOSED RESIDENTIAL HOUSE FOR ASSISTANT ADMINISTRATIVE SECRETARY (STANDARD DESIGN), TANZANIA MAINLAND**

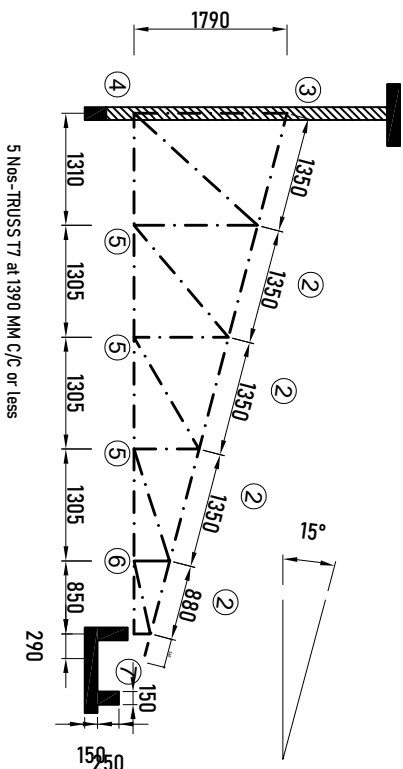
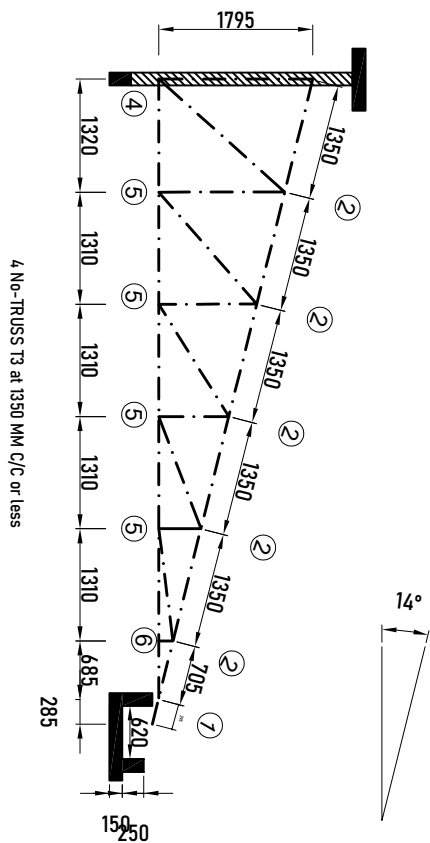
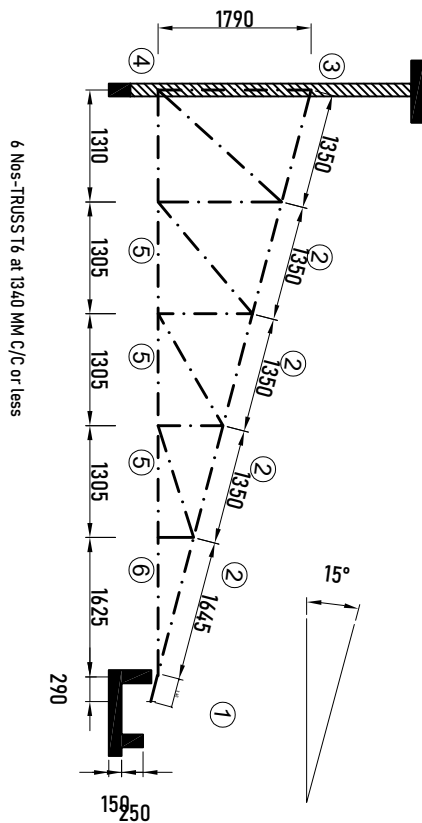
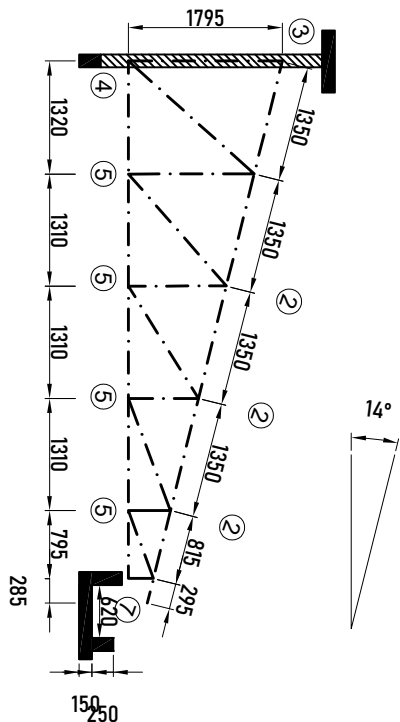
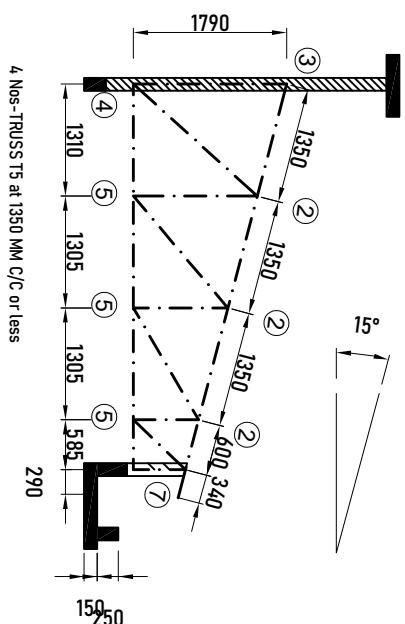
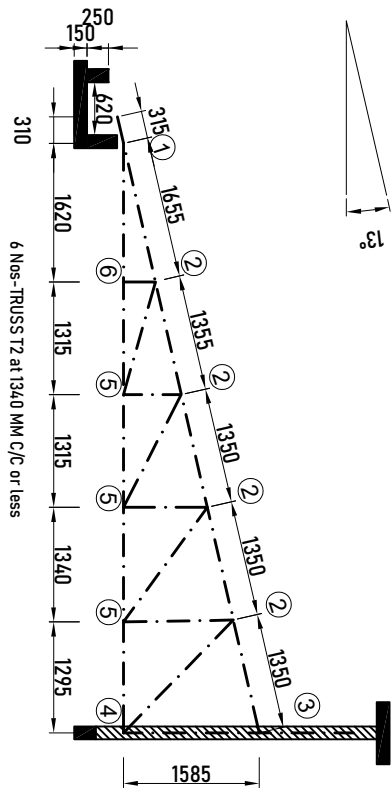
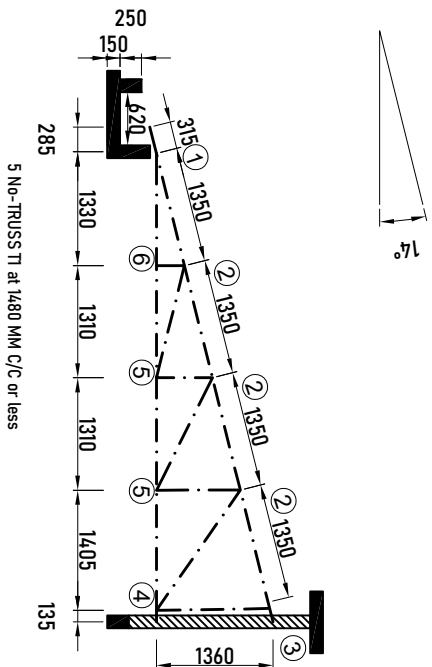
**DRAWING TITLE**  
**TRUSS AND RING BEAMS PLAN**

Designed by:	ENG. A.MA
Drawn by:	ENG. A.M.A
Checked by:	ENG. R.A.M
Approved by:	
Date: <b>Sept 2021</b>	Scale:
Drawing No. <b>STR.AAS104</b>	Sheet:



SECTION B-B-INTERNAL BEAMS-RB02

ROOF TRUSS AND RING BEAMS LAYOUT PLAN



- NOTE:**
- All dimensions are in mm unless otherwise specified
  - All discrepancies shall be referred to the structural engineer
  - Reinforced concrete shall be of grade 20 with  $f_{cu}=25N/mm^2$  at 28 days of age
  - Main reinforcements shall be high tensile steel with  $f_y = 460N/mm^2$
  - Nominal cover to the reinforcements:
    - Foundation 50mm
    - Column 25mm
    - Beam 25mm
    - Slab 25mm
  - For walls; use compressive blocks 4.5Mpa
  - Minimum soil bearing capacity is  $150kN/m^2$ ,
  - Use well seasoned pressure impregnated soft wood for roof truss

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**CLIENT**  
**REGIONAL ADMINISTRATIVE SECRETARY, TANZANIA MAIN LAND**

**PROJECT**  
**PROPOSED RESIDENTIAL HOUSE FOR ASSISTANT ADMINISTRATIVE SECRETARY (STANDARD DESIGN), TANZANIA MAINLAND**

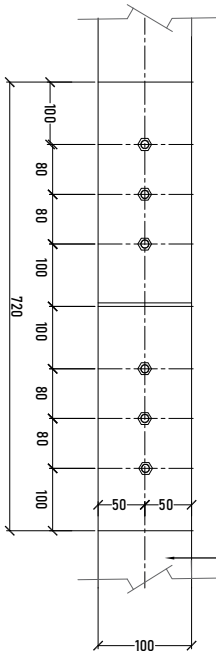
**DRAWING TITLE**  
**TRUSS DETAILS**

Designed by:	ENG. A.MA
Drawn by:	ENG. A.M.A
Checked by:	ENG. R.A.M
Approved by:	
Date: <b>Sept 2021</b>	Scale:
Drawing No. <b>STR.AAS105</b>	Sheet: 01

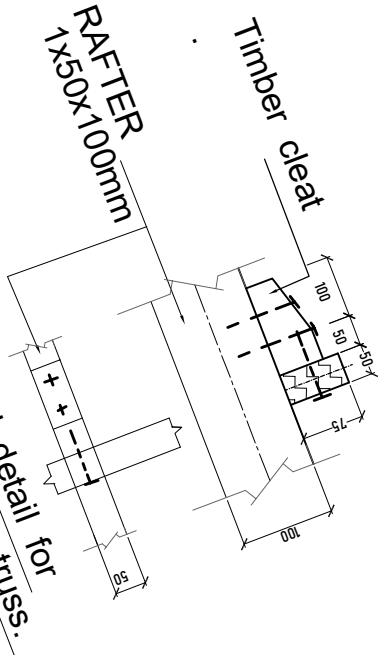
ROOF TRUSS DETAILS

100mm long nails 6 Nos.  
GUSSETS-2NOS -25 mm. marine plywood  
bothways.

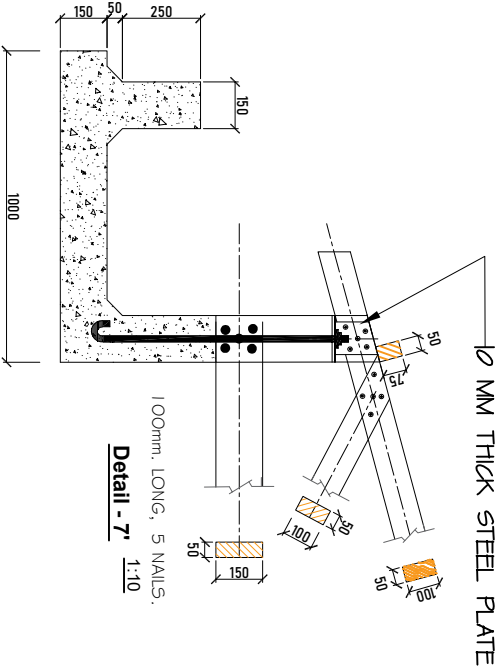
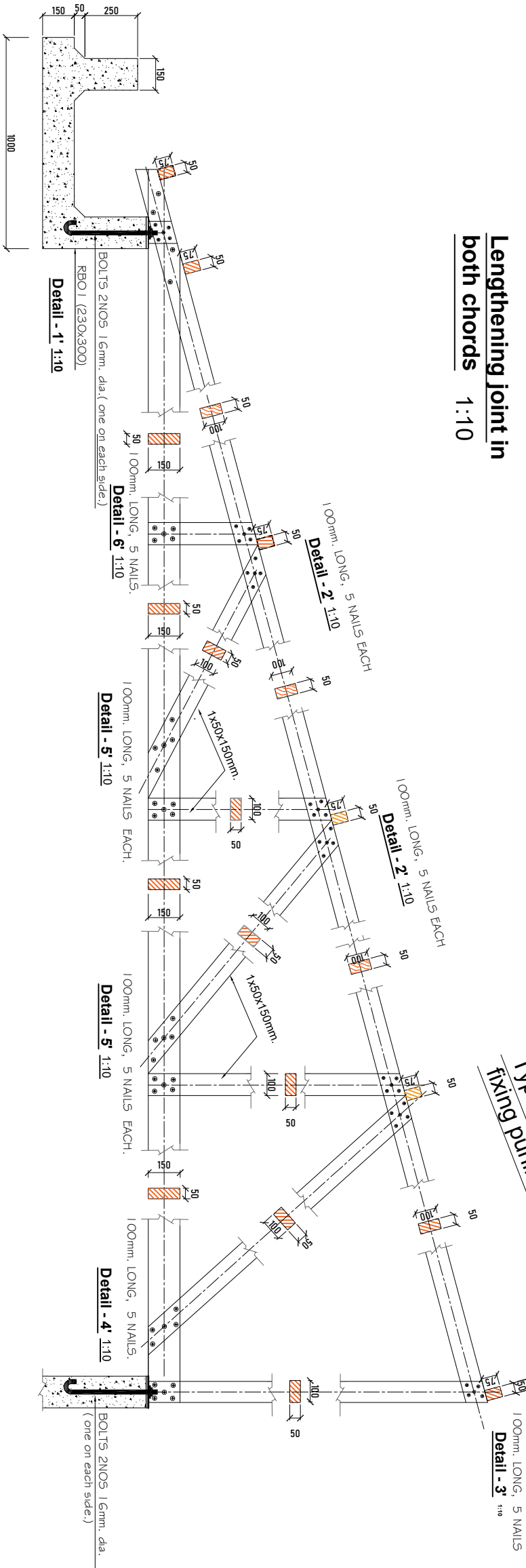
1x50x100mm, or 1x50x150mm.



**Lengthening joint in both chords** 1:10



50



**NOTE:**

- All dimensions are in mm unless otherwise specified
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  - Slab 25mm
- For walls; use compressive blocks 4.5Mpa
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**CLIENT**  
**REGIONAL ADMINISTRATIVE SECRETARY, TANZANIA MAIN LAND**

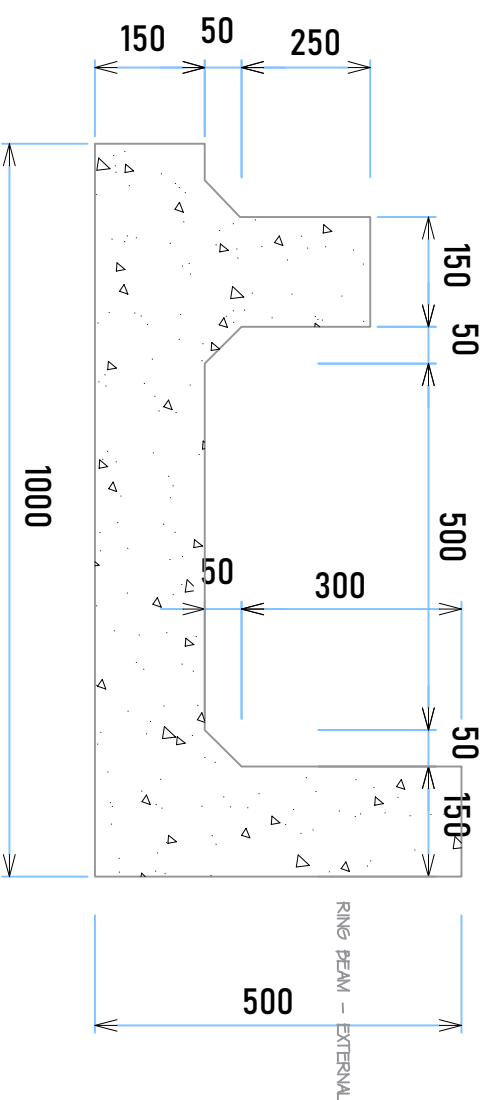
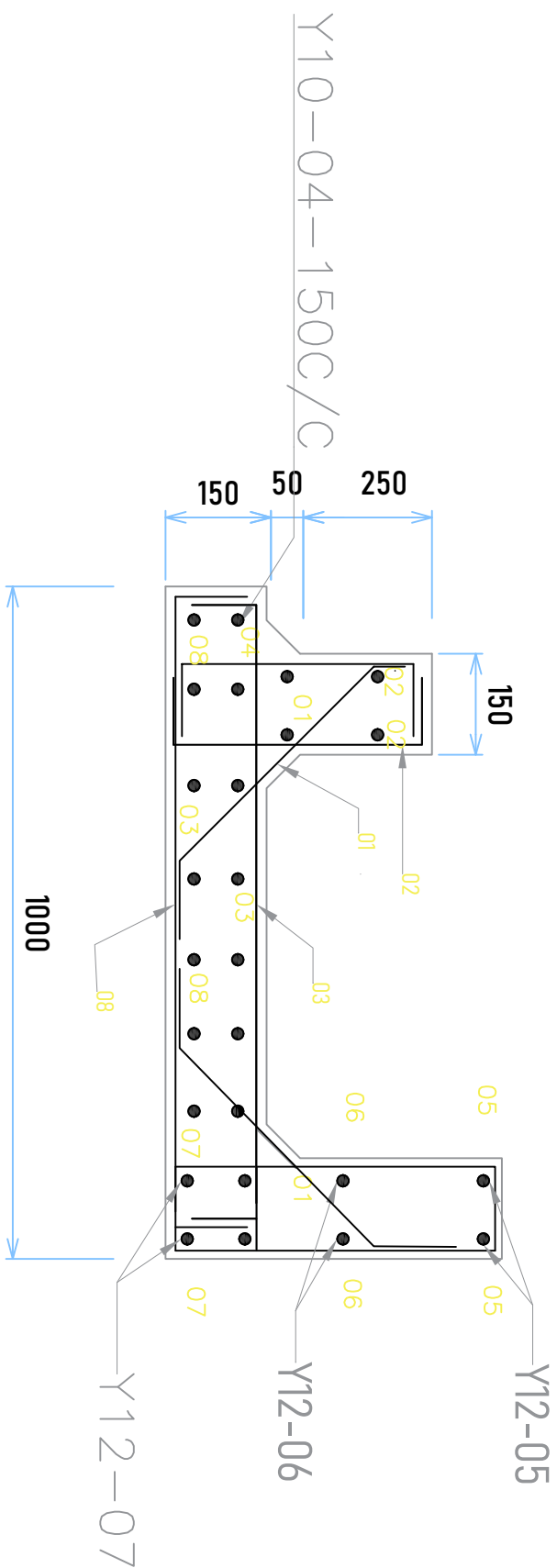
**PROJECT**  
**PROPOSED RESIDENTIAL HOUSE FOR ASSISTANT ADMINISTRATIVE SECRETARY (STANDARD DESIGN), TANZANIA MAINLAND**

**DRAWING TITLE**  
**TRUSS DETAILS**

Designed by:	ENG. A.M.A
Drawn by:	ENG. A.M.A
Checked by:	ENG. R.A.M
Approved by:	
Date: <b>Sept 2021</b>	Scale:
Drawing No. <b>STR.AAS106</b>	Sheet: 02

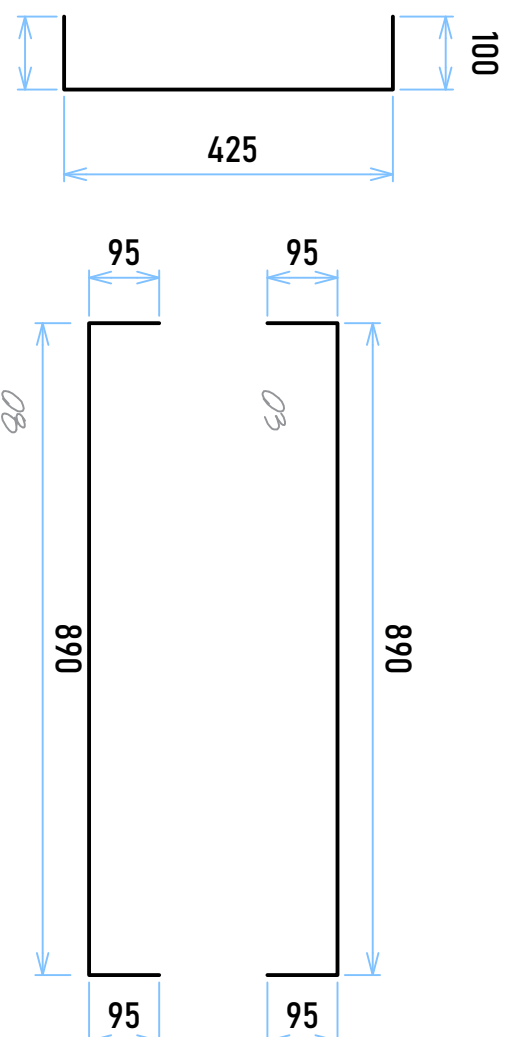
**ROOF TRUSS DETAILS**



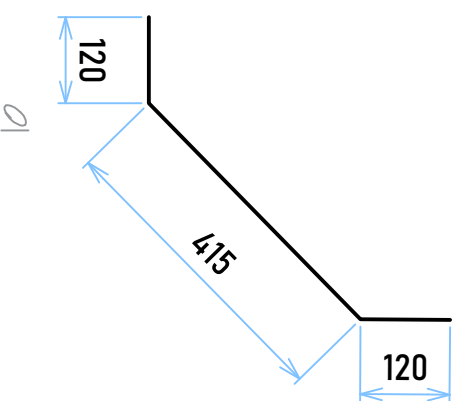


**GUTTER DETAIL  
(DIMENSIONS)**

**GUTTER DETAIL  
(REINFORCEMENTS)**



**GUTTER DETAIL  
(DIMENSIONS)**



**NOTE:**

1. All dimensions are in mm unless otherwise specified
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8. Use well seasoned pressure impregnated soft wood for roof truss

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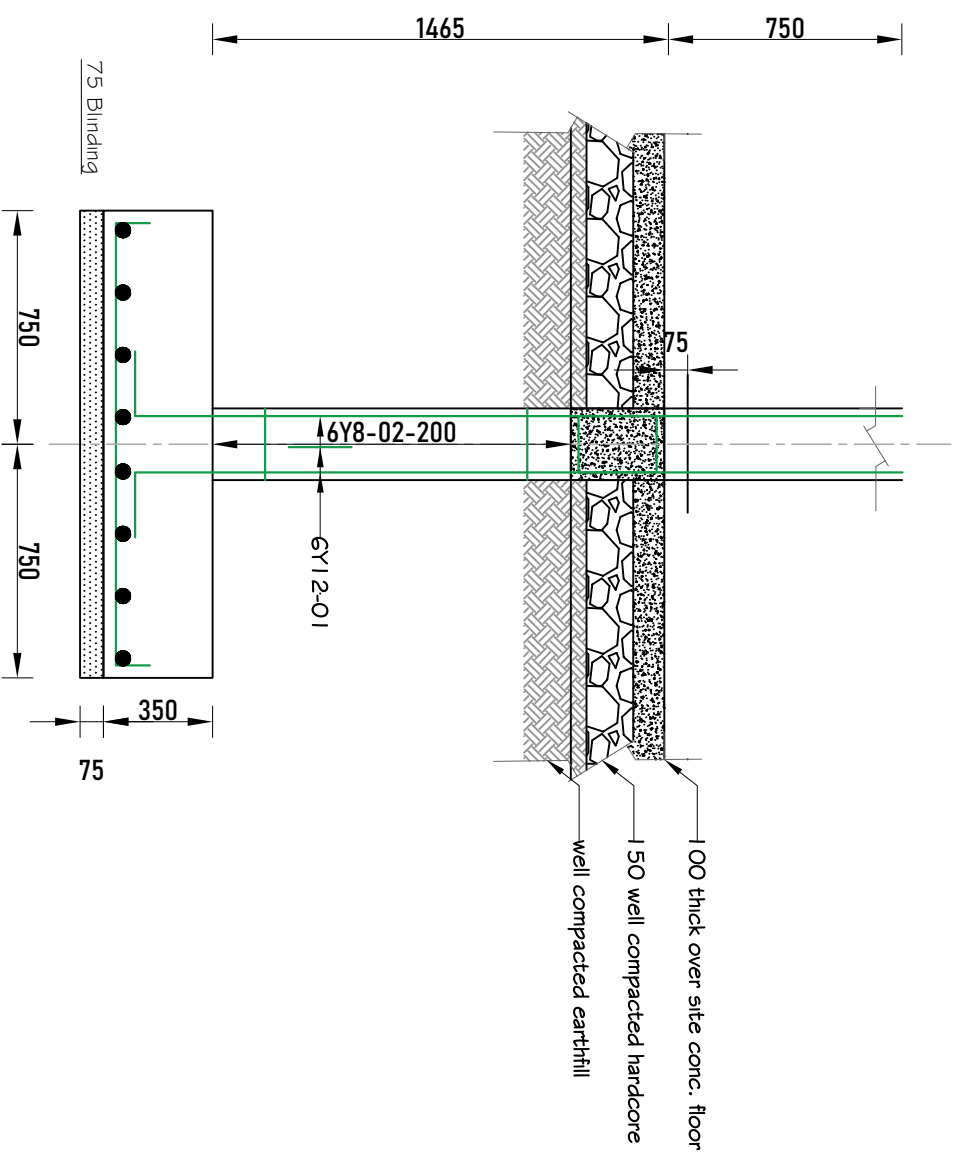
**CLIENT**

**REGIONAL ADMINISTRATIVE SECRETARY, TANZANIA MAIN LAND**

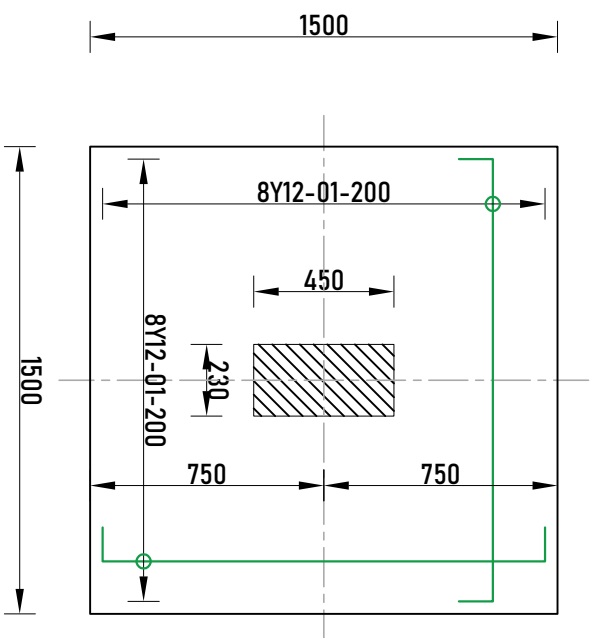
**PROJECT**  
PROPOSED RESIDENTIAL HOUSE FOR ASSISTANT ADMINISTRATIVE SECRETARY (STANDARD DESIGN), TANZANIA MAINLAND

**DRAWING TITLE**  
**GUTTER DETAILS**

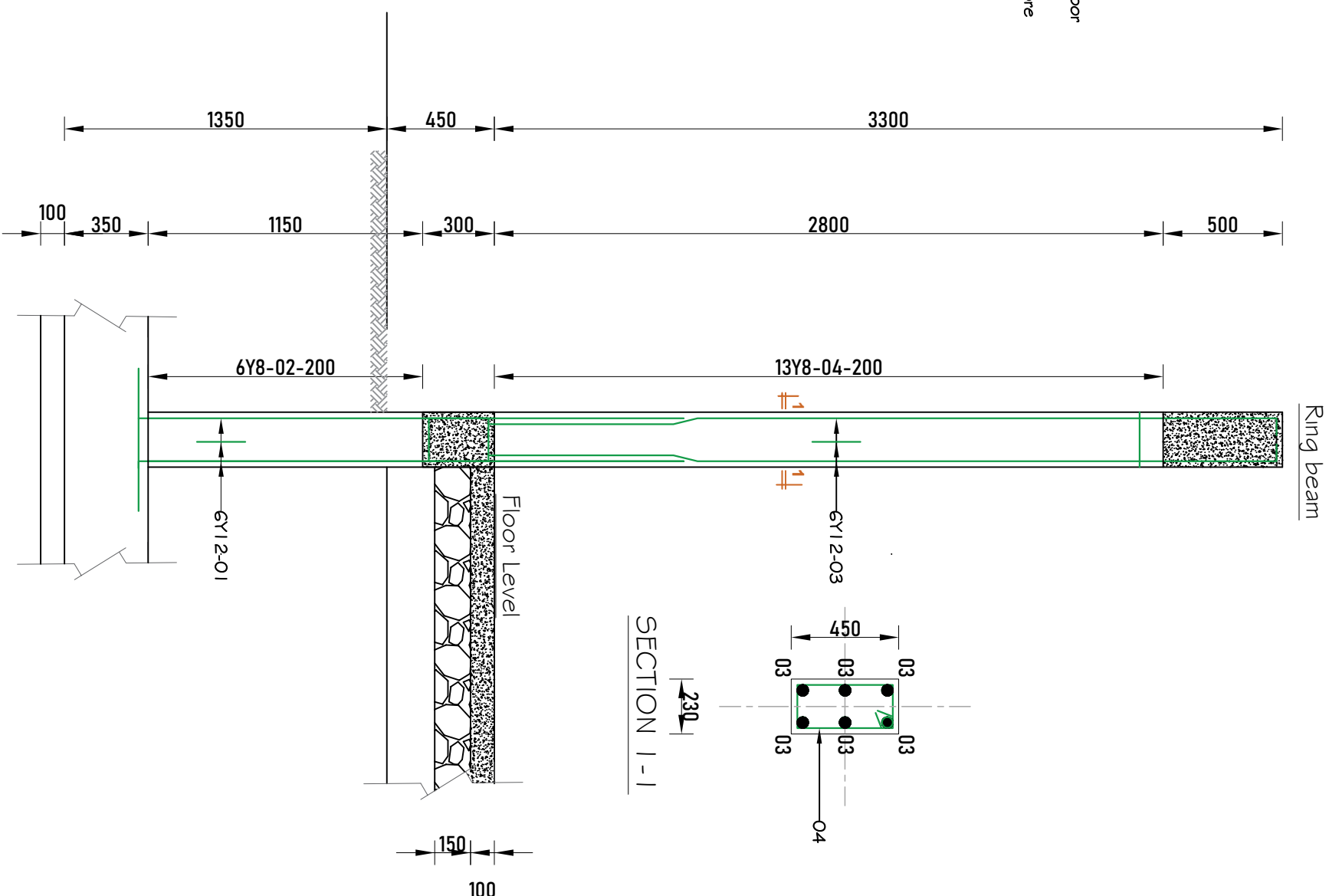
Designed by:	ENG. A.M.A
Drawn by:	ENG. A.M.A
Checked by:	ENG. R.A.M
Approved by:	
Date: <b>Sept2021</b>	Scale:
Drawing No. <b>STR.AAS107</b>	Sheet: 02



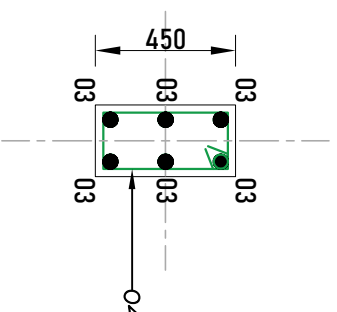
TYPICAL FOOTING SECTION, 1500 X 1500 X 350



TYPICAL FOOTING, 1500 X 1500 X 350



SECTION 1-1



**NOTE:**

1. All dimensions are in mm unless otherwise specified
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3. Reinforced concrete shall be of grade 20 with  $f_{cu}=25\text{N/mm}^2$  at 28 days of age
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  - a) Foundation 50mm
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  - c) Beam 25mm
  - d) Slab 25mm
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7. Minimum soil bearing capacity is  $150\text{kN/m}^2$ ,
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Administration and Local Government,  
Government City - Mtumba,  
TAMISEMI Street,  
P.O.Box 1923,  
41185 Dodoma.**

**CLIENT**  
**REGIONAL ADMINISTRATIVE SECRETARY**  
**TANZANIA MAIN LAND**

**PROJECT**  
**PROPOSED RESIDENTIAL HOUSE FOR**  
**ASSISTANT ADMINISTRATIVE SECRETARY**  
**(STANDARD DESIGN),**  
**TANZANIA MAINLAND**

**DRAWING TITLE**  
**COLUMN DETAILS**

Designed by: ENG. A.A.MA

Drawn by: ENG. A.M.A

Checked by:	ENG. R.A.M
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Approved by:	
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Date: **Sept 2021** Scale:

Drawing No.

STR.AAS108

## TYPICAL COLUMN DETAILS