

FOUNDATION 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

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

CLIENT
DISTRICT EXECUTIVE DIRECTORS/
TOWN DIRECTORS/
MUNICIPAL DIRECTORS/
CITY DIRECTORS
TANZANIA MAIN LAND

PROJECT
PROPOSED RESIDENTIAL HOUSE FOR
COUNCIL DIRECTORS
(STANDARD DESIGN),
TANZANIA MAINLAND

DRAWING TITLE
FOUNDATION PLAN

Designed by: ENG. A.M.A

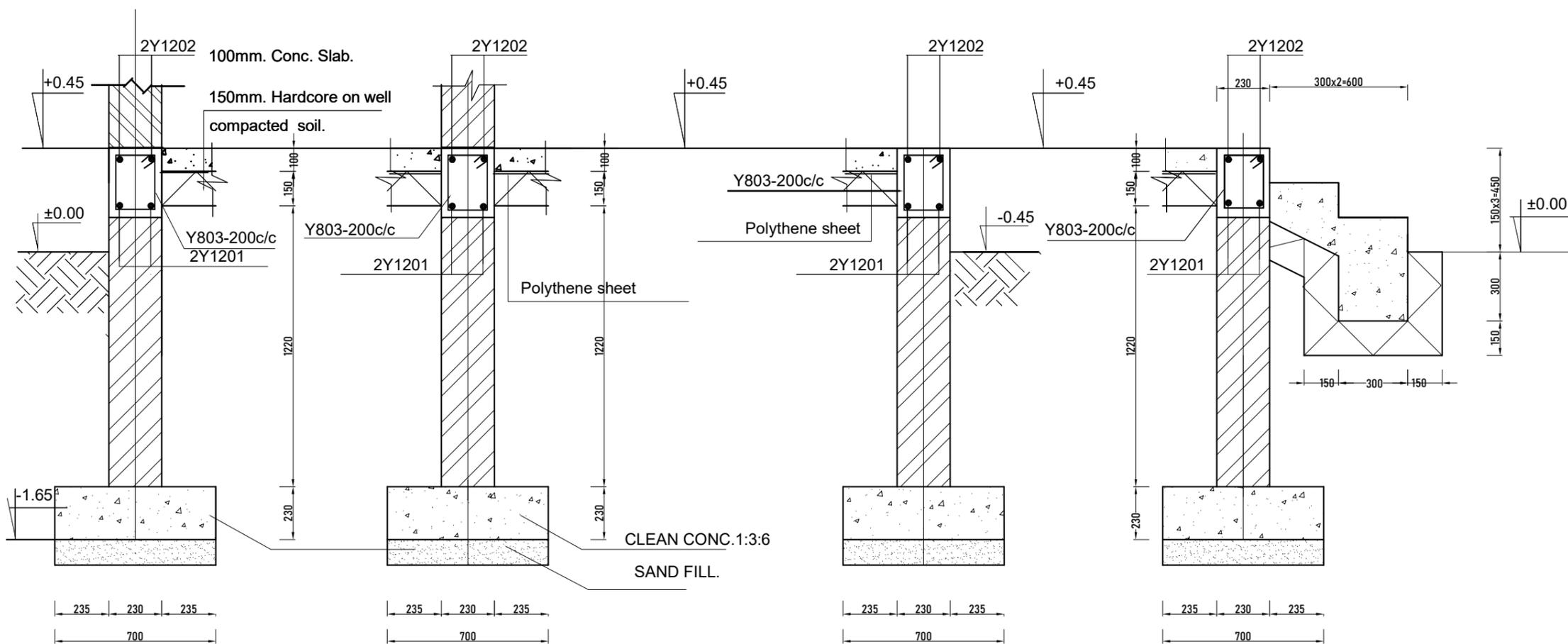
Drawn by: ENG. A.M.A

Checked by: ENG. R.A.M

Approved by:

Date: Sept 2021 Scale:

Drawing No. STR.DED101 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

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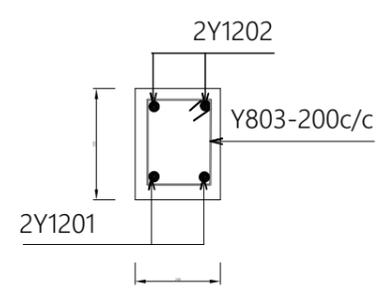
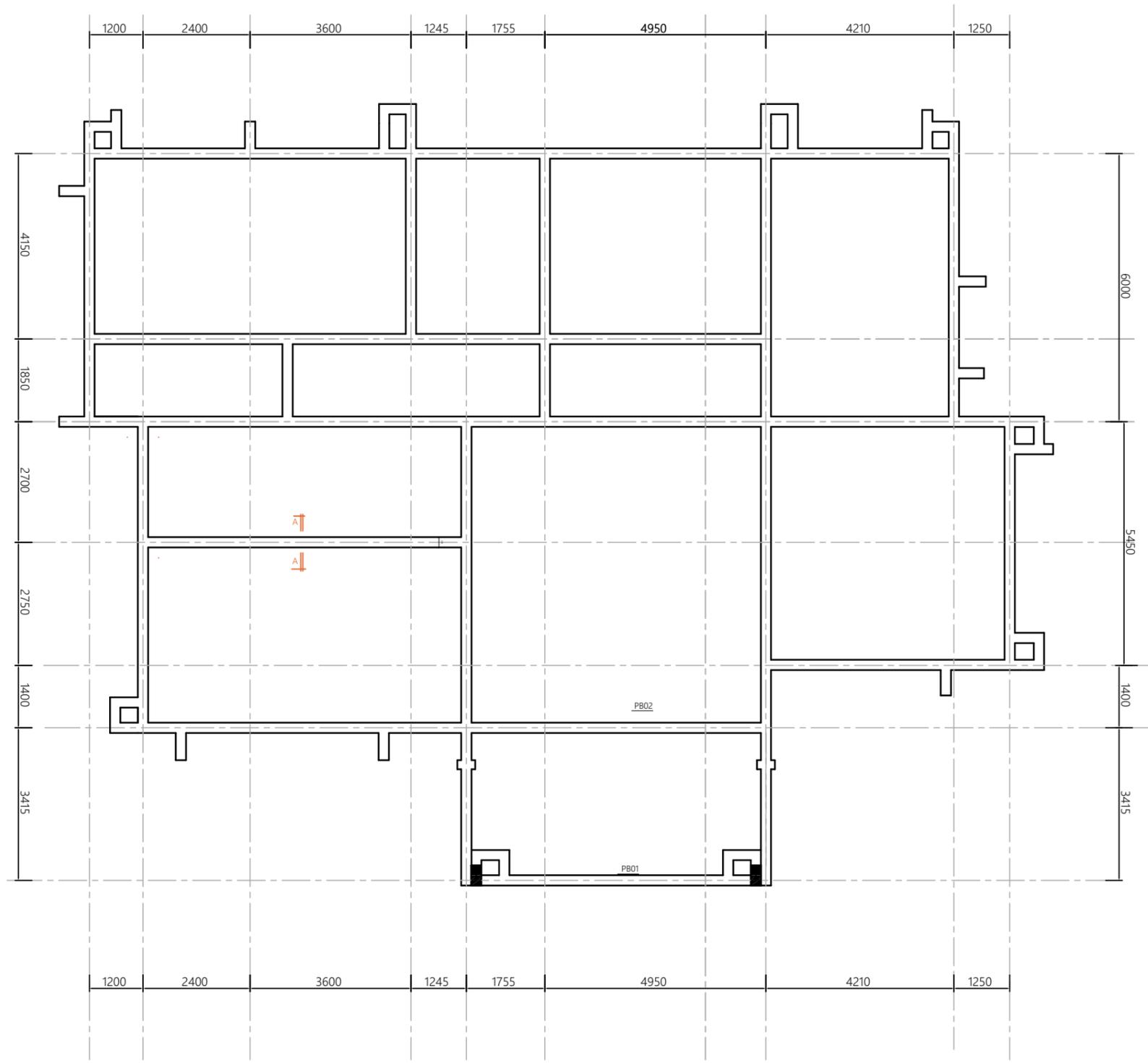
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PROJECT
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DRAWING TITLE
FOUNDATION DETAILS

Designed by:	ENG. A.MA
Drawn by:	ENG. A.M.A
Checked by:	ENG. R.A.M
Approved by:	
Date: Sept 2021	Scale:
Drawing No. STR.DED102	Sheet:



SECTION A-A

PLINTH BEAMS LAYOUT PLAN

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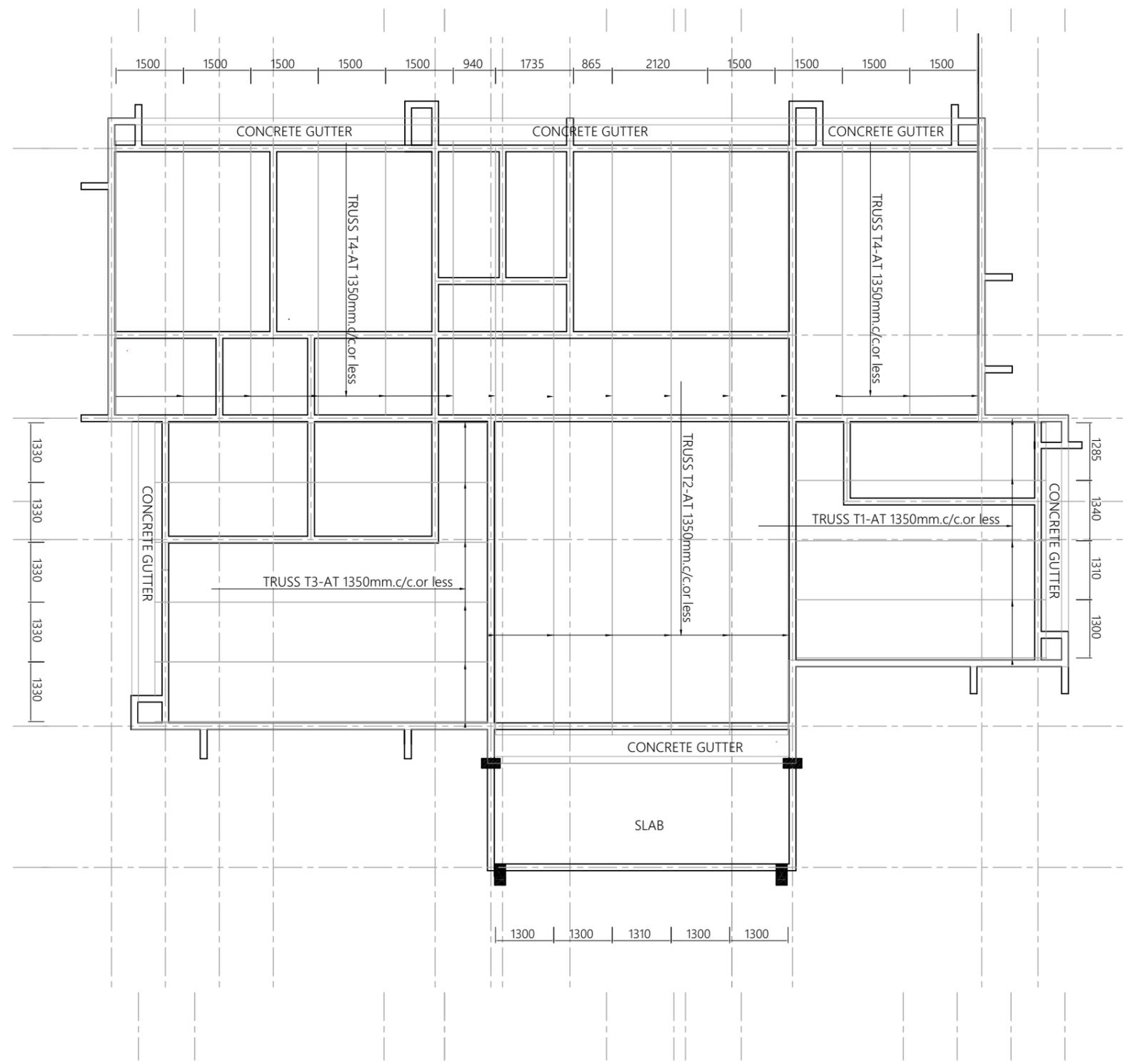
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TANZANIA MAIN LAND

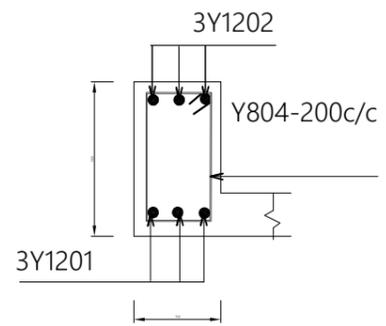
PROJECT
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DRAWING TITLE
PLINTH BEAMS

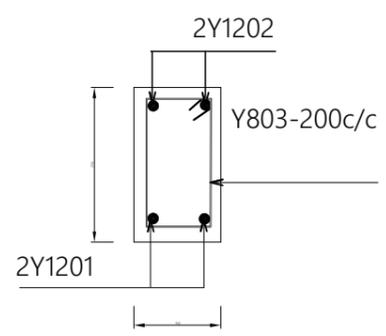
Designed by:	ENG. A.MA
Drawn by:	ENG. A.M.A
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Approved by:	
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Drawing No. STR.DED103	Sheet:



ROOF TRUSS AND RING BEAMS LAYOUT PLAN



SECTION A-A-EXTERNAL BEAMS-RB01



SECTION B-B-INTERNAL BEAMS-RB02

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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: Sept 2021	Scale:
Drawing No. STR.DED104	Sheet:

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DRAWING TITLE
TRUSS DETAILS

Designed by: ENG. A.MA

Drawn by: ENG. A.M.A

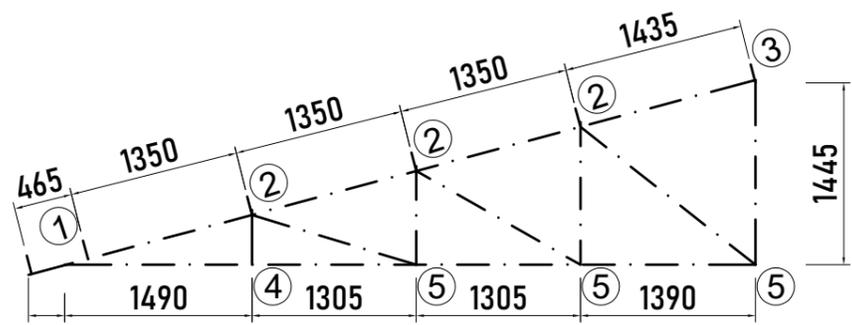
Checked by: ENG. R.A.M

Approved by:

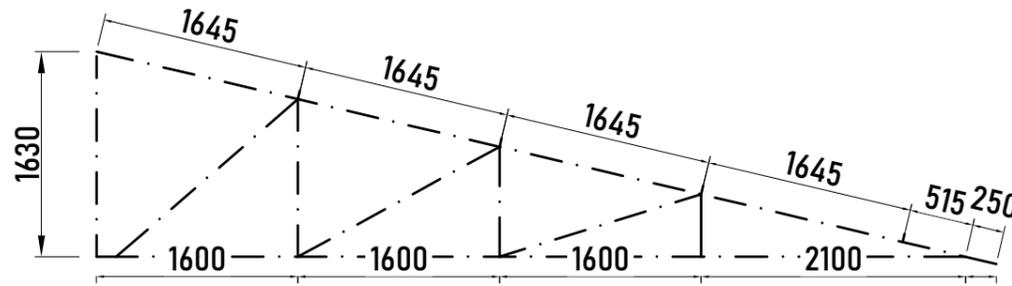
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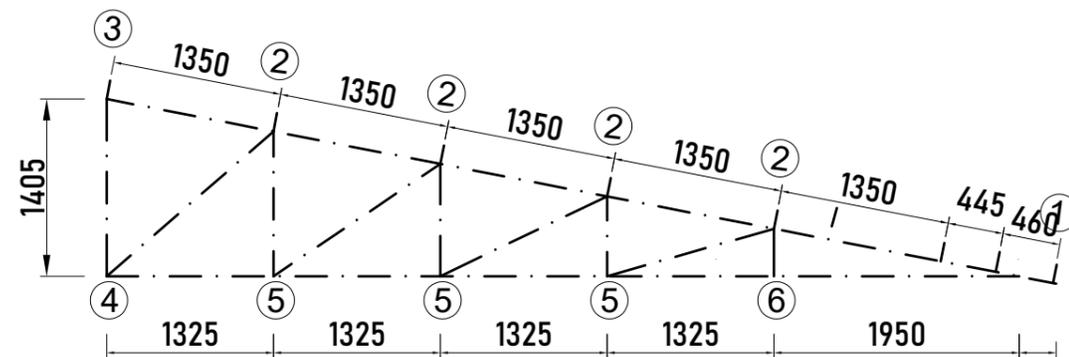
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285 5Nos-TRUSS T1 at 1350 MM C/C or less

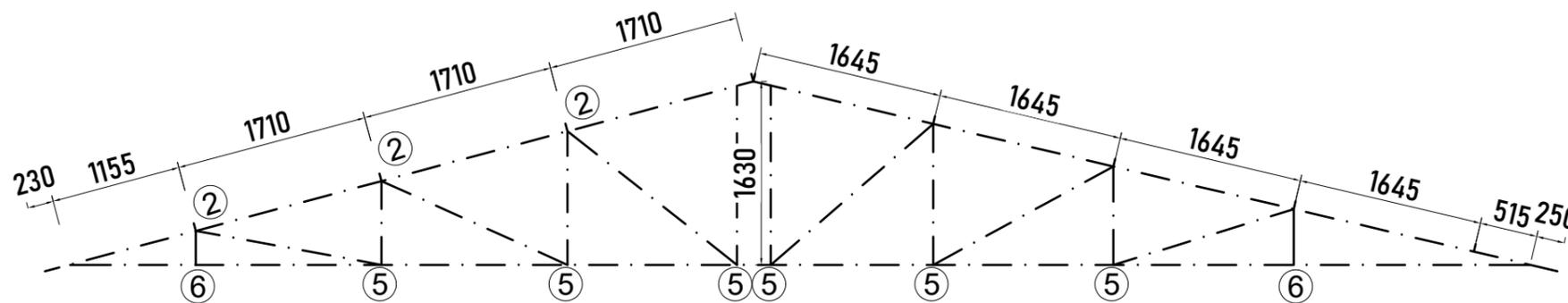


9Nos-TRUSS T4 at 1350 MM C/C or less



6 Nos-TRUSS T3 at 1350 MM C/C or less

290



6Nos-TRUSS T2 at 1350 MM C/C or less

225

300

245

ROOF TRUSS DETAILS

