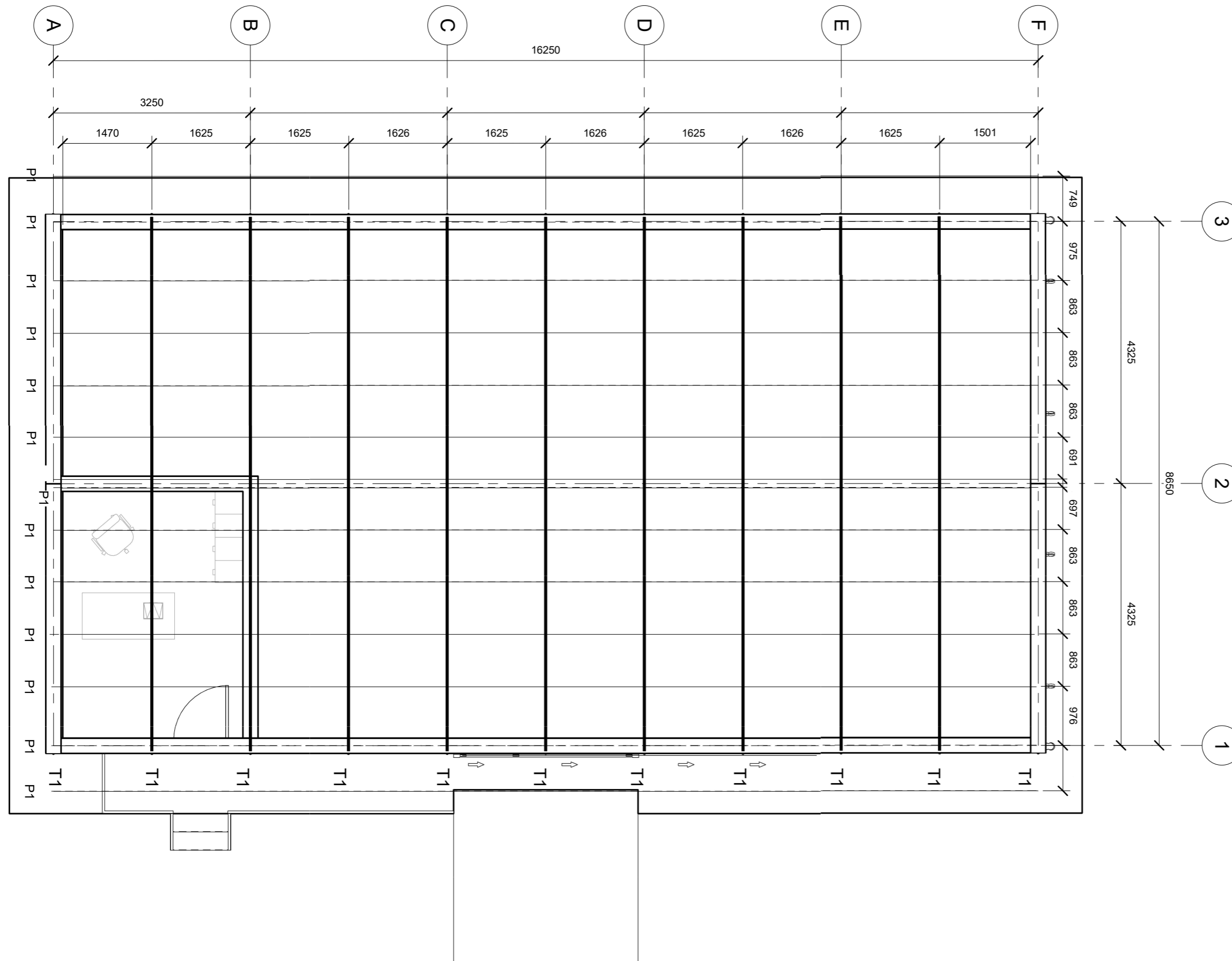
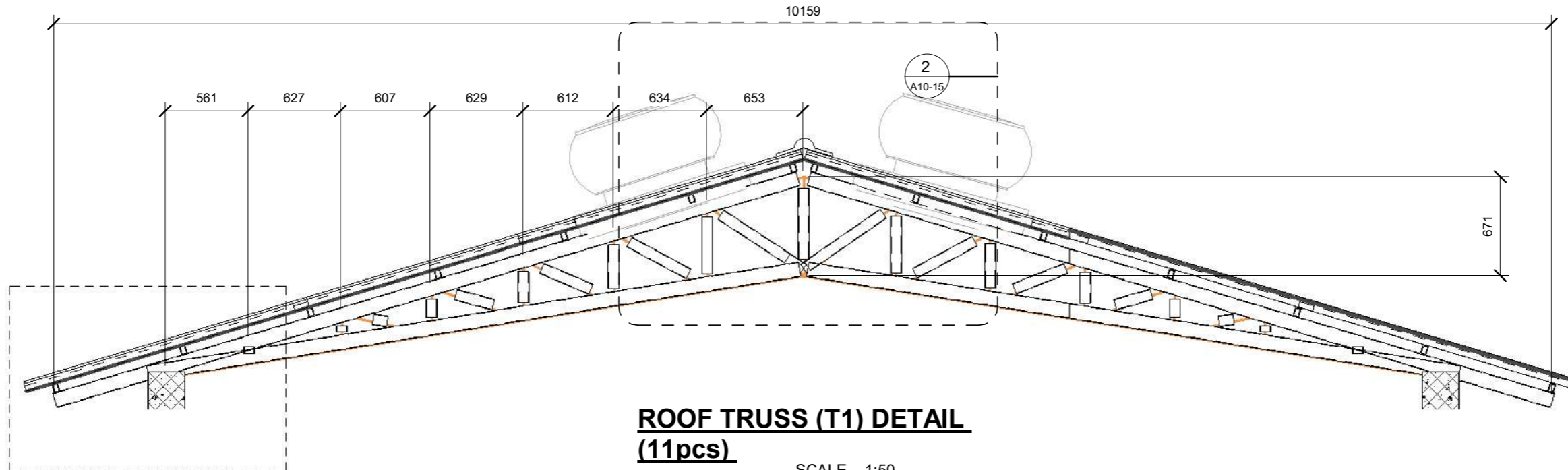


**GENERAL NOTES**

- USE CONCRETE C-25 FOR COLUMNS, SLABS, BEAMS, AND FOOTING
- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
- USE CLASS S-400 DEFORMED REINFORCEMENT BARS
- REINFORCING STEEL  $F_y=400N/MM^2$
- ACTUAL SOIL BEARING CAPACITY SHALL BE CHECKED BY THE SUPERVISING ENGINEER DURING ACTUAL EXCAVATION FOR FOUNDATION.
- MAXIMUM SIZE OF AGGREGATE =20mm
- FOUNDATION DEPTH SHALL BE DECIDED BY THE ENG. ON SITE
- ALL DIMENSIONS ARE IN mm
- BE SCALED
- THE DIMENSIONS IN DRAWINGS SHOULD NOT
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL

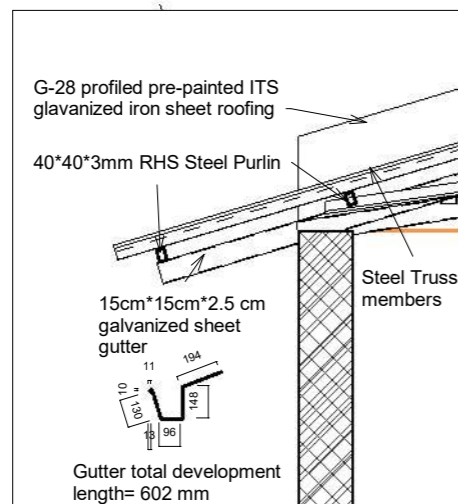


No.	Date	Description
Drawing status		
<b>STRUCTURAL DRAWING</b>		
CLIENT		
<b>ACTED SOUTH SUDAN</b>		
CONSULTANT		
<b>LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD</b>		
PROJECT		
<b>600 MT WAREHOUSE</b>		
LOCATION		
<b>NAGBAKA, MARIDI COUNTY, WESTERN EQUATORIAL, RSS</b>		
DRAWING TITLE		
<b>ROOF LAYOUT PLAN</b>		
DESIGN & DRAWING BY.		Date
<b>LADDER ENGINEERING</b>		
CHECKED & APPROVED BY		Date
Scales		
<b>AS SHOWN</b>		
Layout ID.		Revision
<b>A01-1</b>		



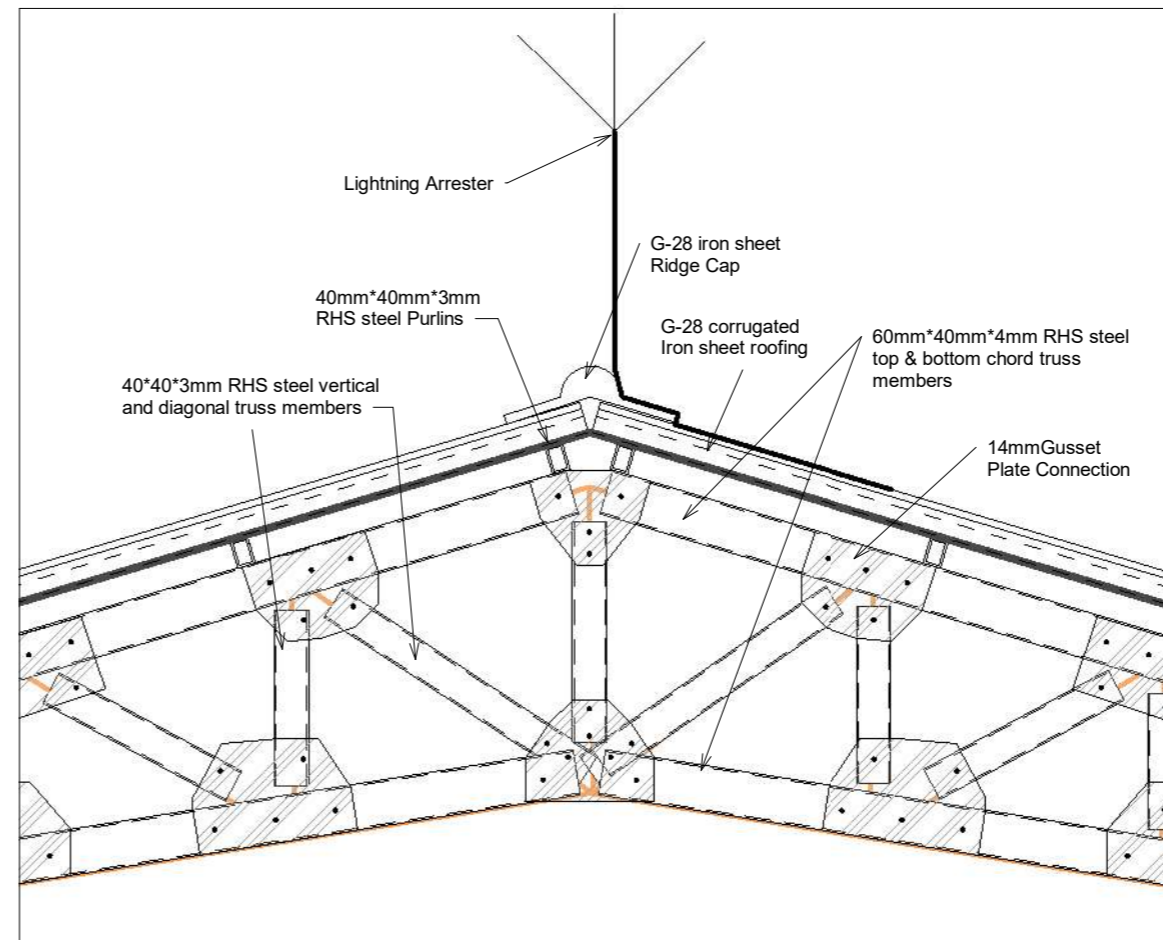
**ROOF TRUSS (T1) DETAIL**  
**(11 pcs)**

SCALE 1:50



**GUTTER DETAILS**

SCALE 1:25



**RIDGE DETAIL**

SCALE 1:50

**GENERAL NOTES**

- USE CONCRETE C-25 FOR COLUMNS, SLABS, BEAMS, AND FOOTING
- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
- USE CLASS S-400 DEFORMED REINFORCEMENT BARS
- REINFORCING STEEL FY=400N/MM2
- ACTUAL SOIL BEARING CAPACITY SHALL BE CHECKED BY THE SUPERVISING ENGINEER DURING ACTUAL EXCAVATION FOR FOUNDATION.
- MAXIMUM SIZE OF AGGREGATE =20mm
- FOUNDATION DEPTH SHALL BE DECIDED BY THE ENG. ON SITE
- ALL DIMENSIONS ARE IN mm
- BE SCALED
- THE DIMENSIONS IN DRAWINGS SHOULD NOT
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY , AND ELECTRICAL

No.	Date	Description

Drawing status  
**STRUCTURAL DRAWING**

CLIENT  
**ACTED SOUTH SUDAN**

CONSULTANT  
**LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD**

PROJECT  
**600 MT WAREHOUSE**

LOCATION  
**NAGBAKA, MARIDI COUNTY, WESTERN EQUATORIAL , RSS**

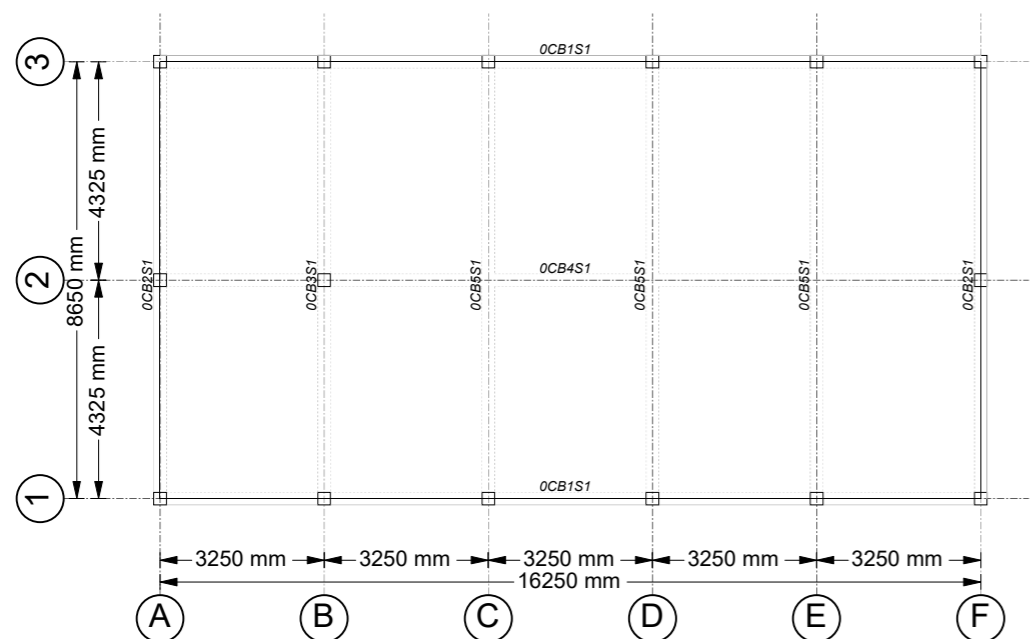
DRAWING TITLE  
**ROOF TRUSS DETAILS**

DESIGN & DRAWING BY. \_\_\_\_\_ Date \_\_\_\_\_  
**LADDER ENGINEERING**

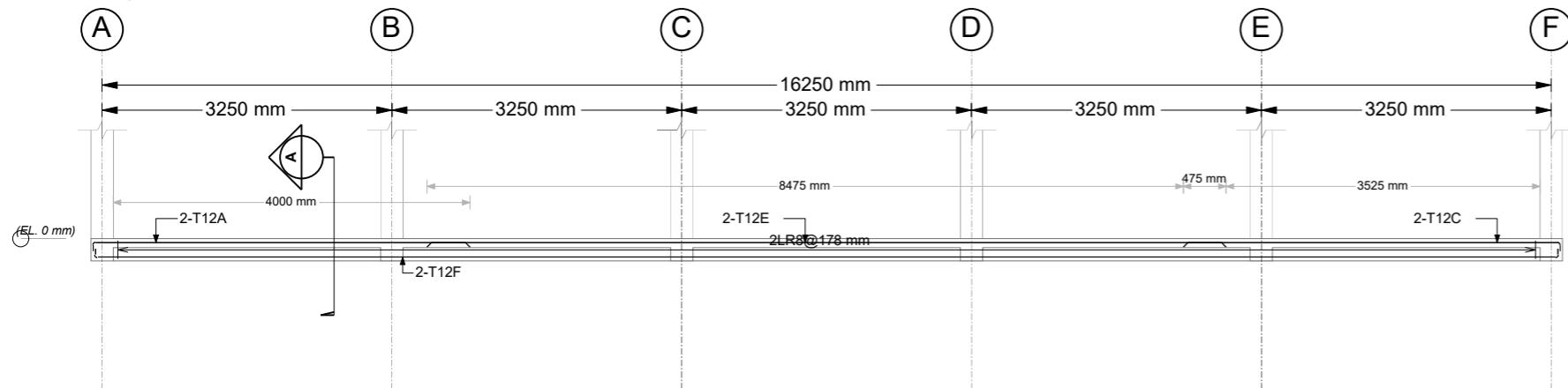
CHECKED & APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_

Scales  
**AS SHOWN**

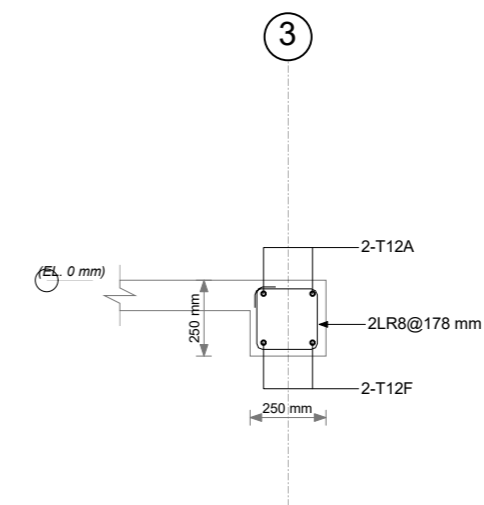
Layout ID. \_\_\_\_\_ Revision \_\_\_\_\_  
**A01-2**



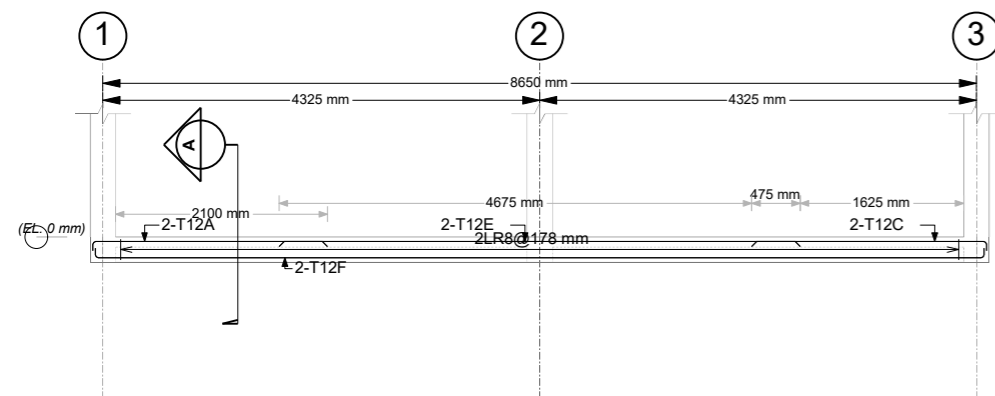
Concrete Beam Layout - Base (EL. 0 mm)  
(Scale = 1:150)



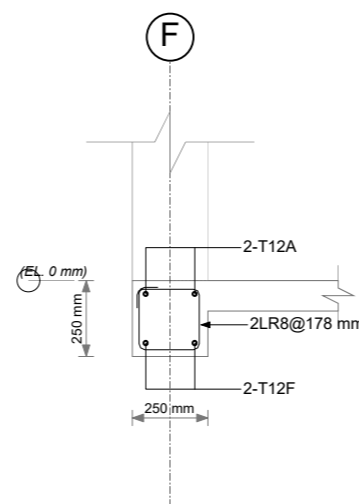
0CB1:Elevation  
(Scale = 1:75)



0CB1:Section A  
(Scale = 1:25)



0CB2:Elevation  
(Scale = 1:75)



0CB2:Section A  
(Scale = 1:25)

**GENERAL NOTES**

- USE CONCRETE C-25 FOR COLUMNS, SLABS, BEAMS, AND FOOTING
- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
- USE CLASS S-400 DEFORMED REINFORCEMENT BARS
- REINFORCING STEEL  $FY=400N/MM^2$
- ACTUAL SOIL BEARING CAPACITY SHALL BE CHECKED BY THE SUPERVISING ENGINEER DURING ACTUAL EXCAVATION FOR FOUNDATION.
- MAXIMUM SIZE OF AGGREGATE = 20mm
- FOUNDATION DEPTH SHALL BE DECIDED BY THE ENG. ON SITE
- ALL DIMENSIONS ARE IN mm
- BE SCALED
- THE DIMENSIONS IN DRAWINGS SHOULD NOT
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL

No.	Date	Description

Drawing status  
**STRUCTURAL DRAWING**

CLIENT  
**ACTED SOUTH SUDAN**

CONSULTANT  
**LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD**

PROJECT  
**600 MT WAREHOUSE**

LOCATION  
**NAGBAKA, MARIDI COUNTY, WESTERN EQUATORIAL, RSS**

DRAWING TITLE  
**RC Frame layout, Elevations and Sections**

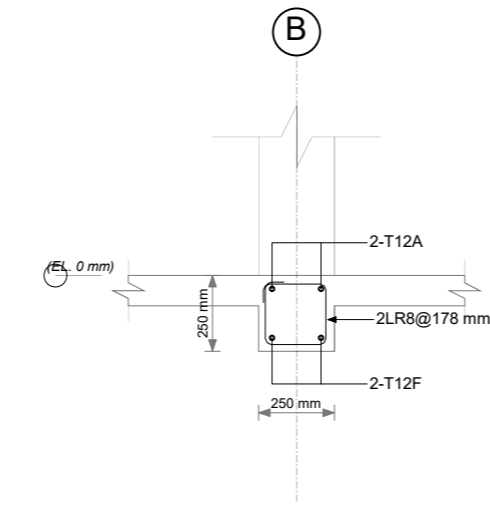
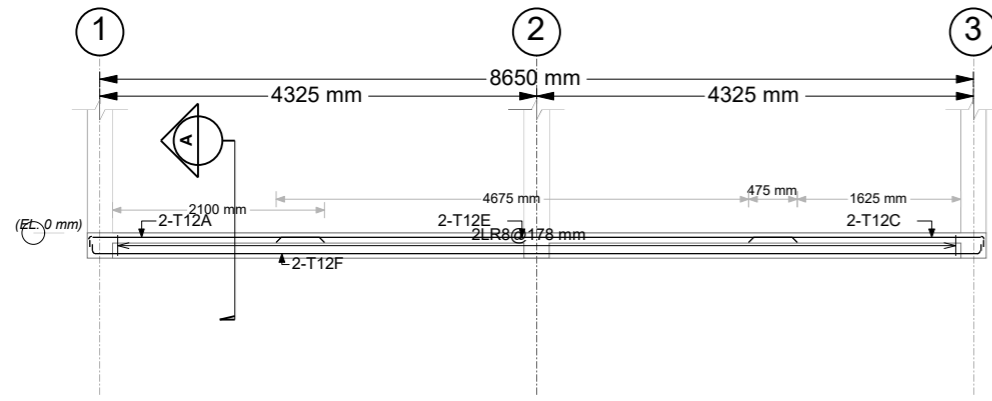
DESIGN & DRAWING BY. \_\_\_\_\_ Date \_\_\_\_\_

**LADDER ENGINEERING**

CHECKED & APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_

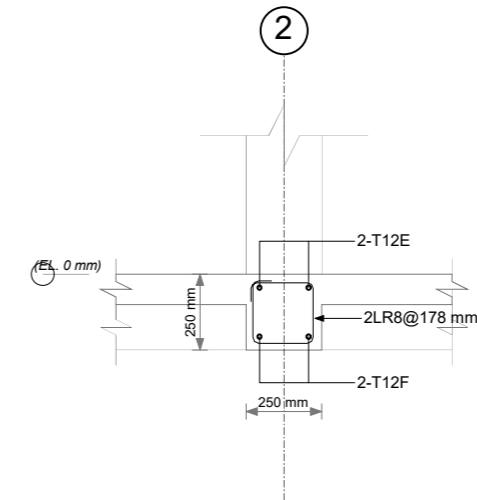
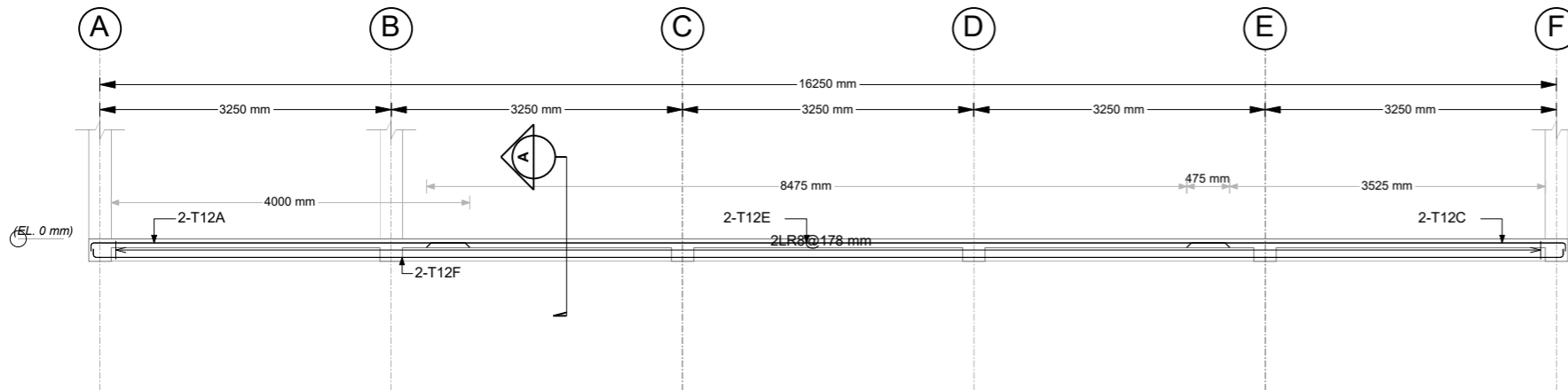
Scales  
**AS SHOWN**

Layout ID. \_\_\_\_\_ Revision \_\_\_\_\_  
**A02-1**



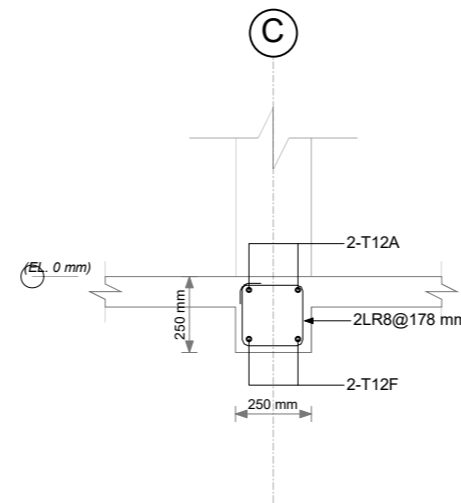
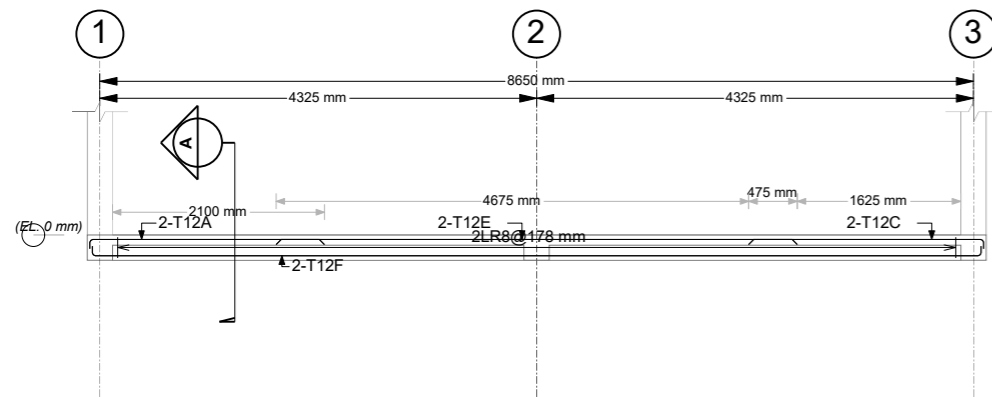
0CB3:Elevation  
(Scale = 1:75)

0CB3:Section A  
(Scale = 1:25)



0CB4:Elevation  
(Scale = 1:75)

0CB4:Section A  
(Scale = 1:25)



0CB5:Elevation  
(Scale = 1:75)

0CB5:Section A  
(Scale = 1:25)

**GENERAL NOTES**

- USE CONCRETE C-25 FOR COLUMNS, SLABS, BEAMS, AND FOOTING
- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
- USE CLASS S-400 DEFORMED REINFORCEMENT BARS
- REINFORCING STEEL  $F_y = 400N/MM^2$
- ACTUAL SOIL BEARING CAPACITY SHALL BE CHECKED BY THE SUPERVISING ENGINEER DURING ACTUAL EXCAVATION FOR FOUNDATION.
- MAXIMUM SIZE OF AGGREGATE = 20mm
- FOUNDATION DEPTH SHALL BE DECIDED BY THE ENG. ON SITE
- ALL DIMENSIONS ARE IN mm
- BE SCALED
- THE DIMENSIONS IN DRAWINGS SHOULD NOT BE SCALED
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL

No.	Date	Description
-----	------	-------------

Drawing status  
**STRUCTURAL DRAWING**

CLIENT  
**ACTED SOUTH SUDAN**

CONSULTANT  
**LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD**

PROJECT  
**600 MT WAREHOUSE**

LOCATION  
**NAGBAKA, MARIDI COUNTY, WESTERN EQUATORIAL, RSS**

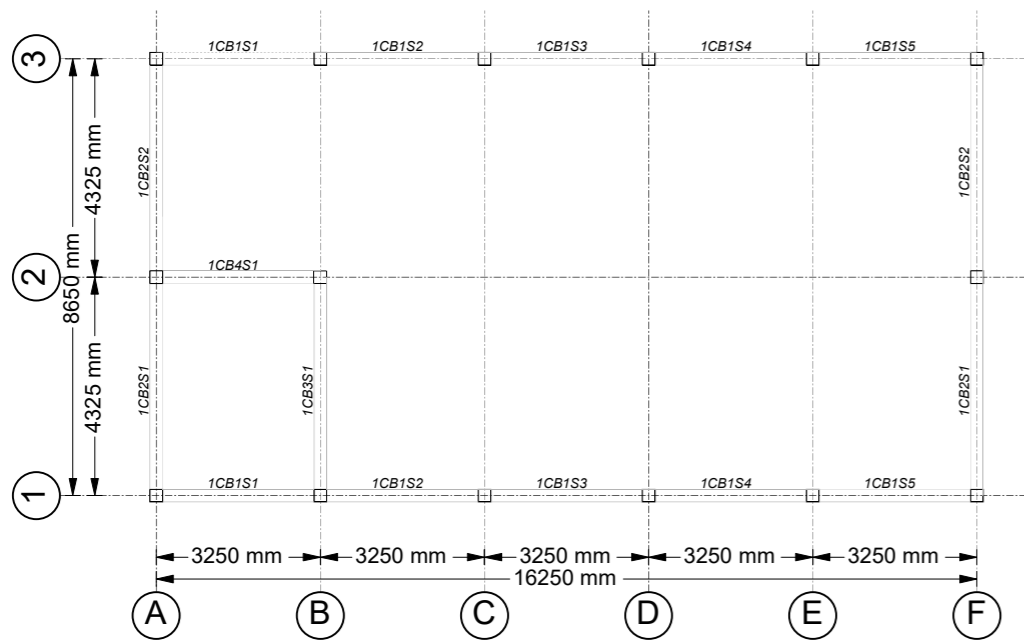
DRAWING TITLE  
**RC Frame layout, Elevations and Sections**

DESIGN & DRAWING BY. \_\_\_\_\_ Date \_\_\_\_\_  
**LADDER ENGINEERING**

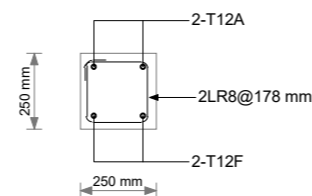
CHECKED & APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_

Scales  
**AS SHOWN**

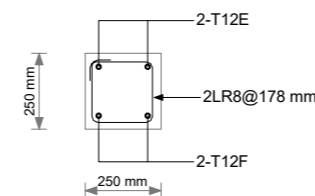
Layout ID. \_\_\_\_\_ Revision \_\_\_\_\_  
**A02-2**



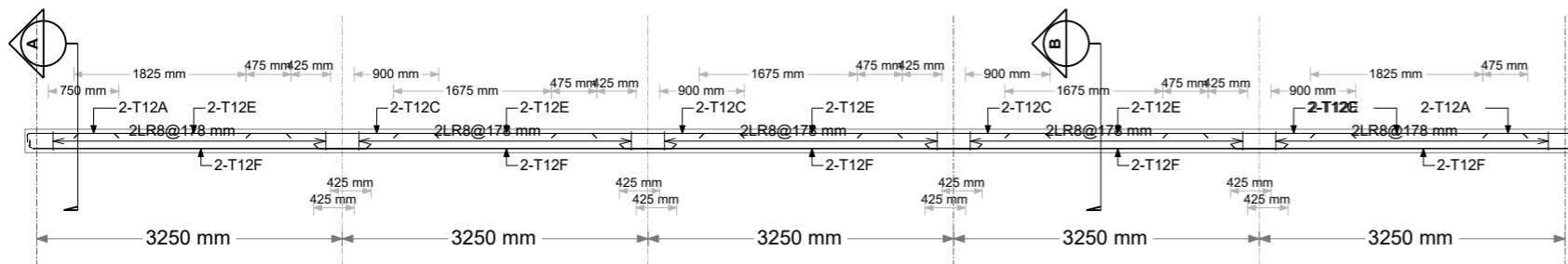
Concrete Beam Layout - Story1 (EL. 3200 mm)  
(Scale = 1:150)



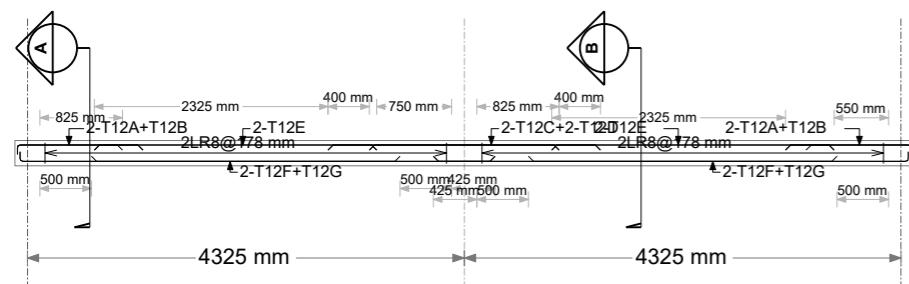
1CB1:Section A  
(Scale = 1:25)



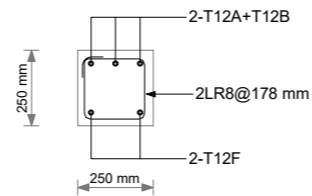
1CB1:Section B  
(Scale = 1:25)



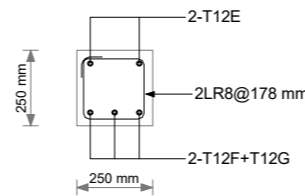
1CB1:Elevation  
(Scale = 1:75)



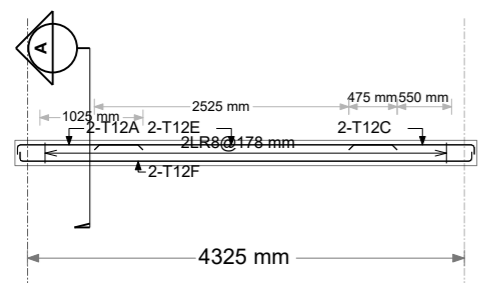
1CB2:Elevation  
(Scale = 1:75)



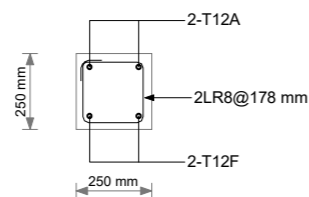
1CB2:Section A  
(Scale = 1:25)



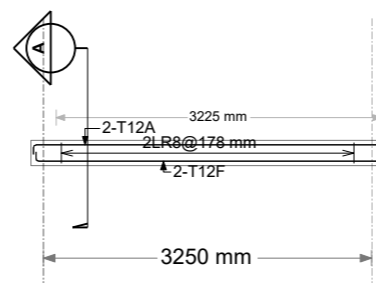
1CB2:Section B  
(Scale = 1:25)



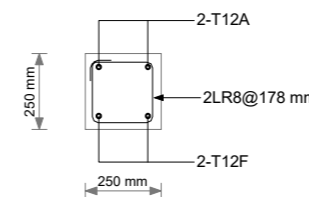
1CB3:Elevation  
(Scale = 1:75)



1CB3:Section A  
(Scale = 1:25)



1CB4:Elevation  
(Scale = 1:75)



1CB4:Section A  
(Scale = 1:25)

**GENERAL NOTES**

- USE CONCRETE C-25 FOR COLUMNS, SLABS, BEAMS, AND FOOTING
- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
- USE CLASS S-400 DEFORMED REINFORCEMENT BARS REINFORCING STEEL FY=400N/MM2
- ACTUAL SOIL BEARING CAPACITY SHALL BE CHECKED BY THE SUPERVISING ENGINEER DURING ACTUAL EXCAVATION FOR FOUNDATION.
- MAXIMUM SIZE OF AGGREGATE =20mm
- FOUNDATION DEPTH SHALL BE DECIDED BY THE ENG. ON SITE
- ALL DIMENSIONS ARE IN mm
- THE DIMENSIONS IN DRAWINGS SHOULD NOT BE SCALED
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL

No.	Date	Description

Drawing status  
**STRUCTURAL DRAWING**

CLIENT  
**ACTED SOUTH SUDAN**

CONSULTANT  
**LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD**

PROJECT  
**600 MT WAREHOUSE**

LOCATION  
**NAGBAKA, MARIDI COUNTY, WESTERN EQUATORIAL, RSS**

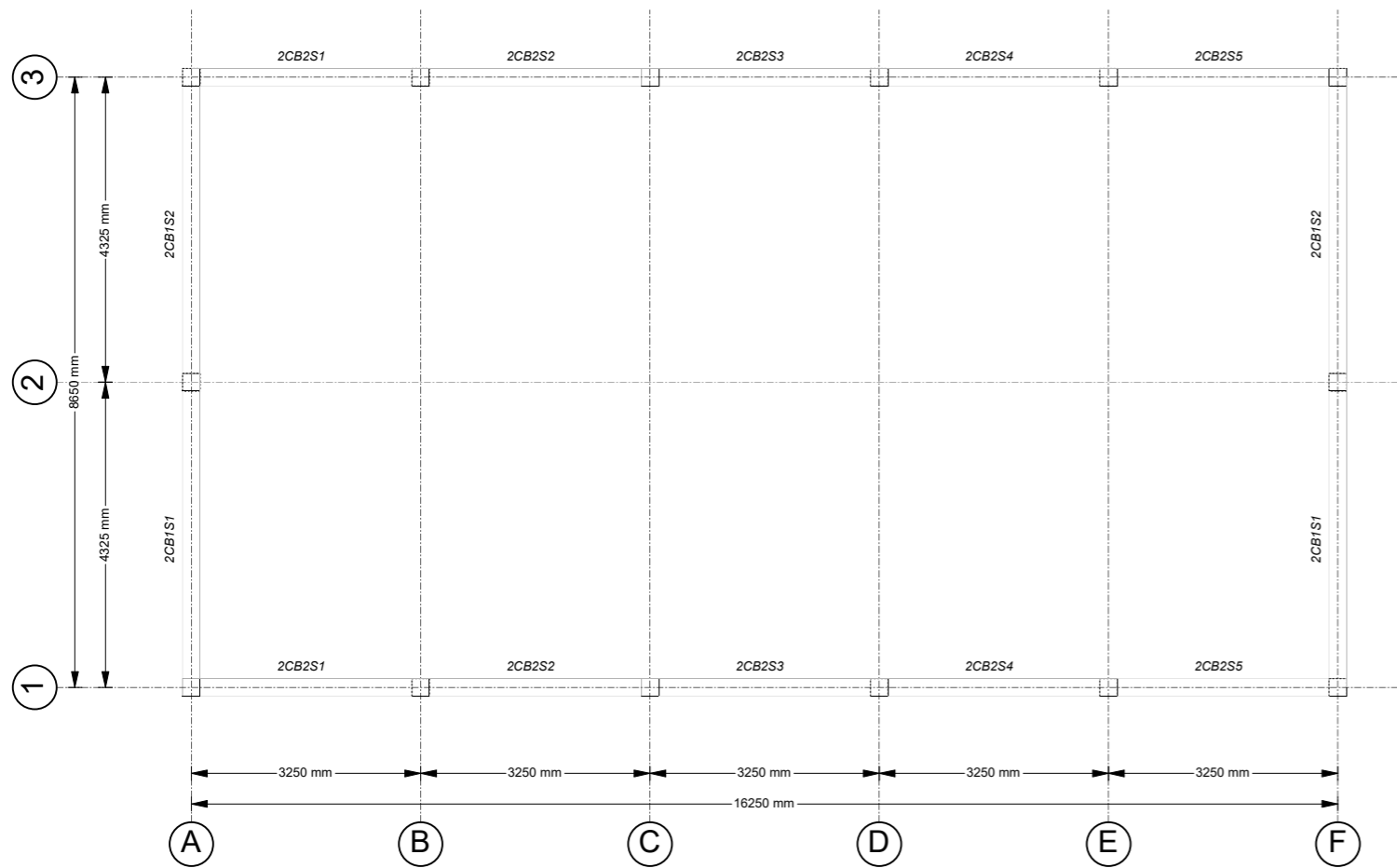
DRAWING TITLE  
**RC Frame layout, Elevations and Sections**

DESIGN & DRAWING BY. \_\_\_\_\_ Date \_\_\_\_\_  
**LADDER ENGINEERING**

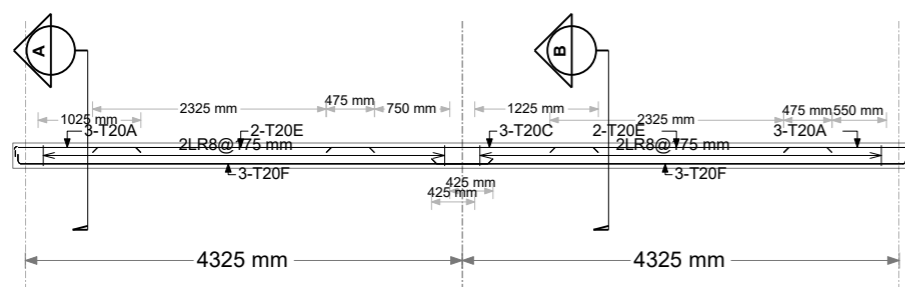
CHECKED & APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_

Scales  
**AS SHOWN**

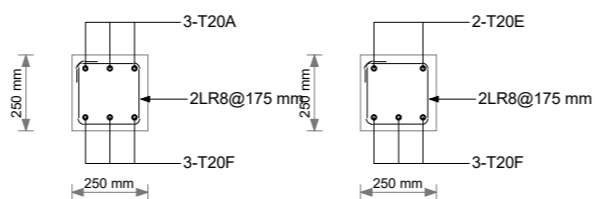
Layout ID. **A02-3** Revision \_\_\_\_\_



Concrete Beam Layout - Story2 (EL. 6000 mm)  
 (Scale = 1:100)

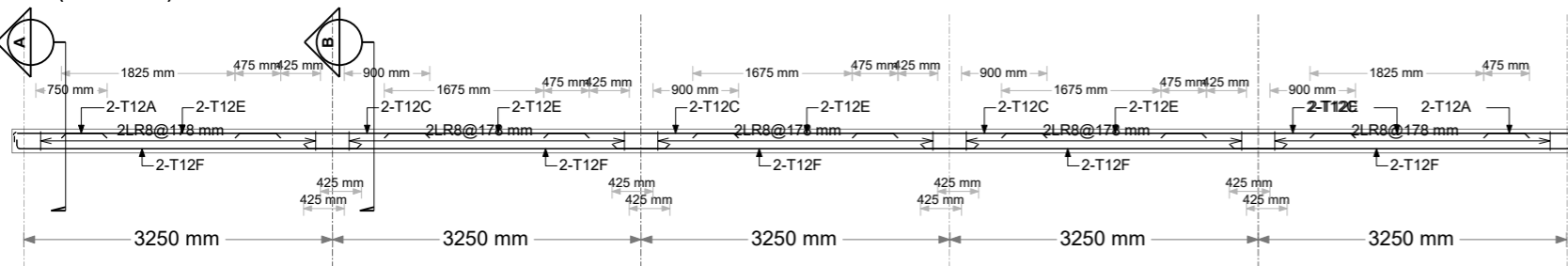


2CB1:Elevation  
 (Scale = 1:75)

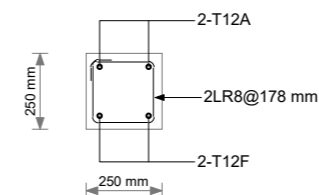


2CB1:Section A  
 (Scale = 1:25)

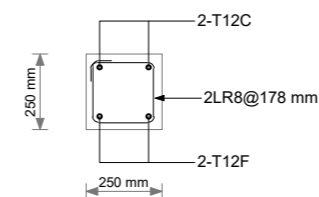
2CB1:Section B  
 (Scale = 1:25)



2CB2:Elevation  
 (Scale = 1:75)



2CB2:Section A  
 (Scale = 1:25)



2CB2:Section B  
 (Scale = 1:25)

**GENERAL NOTES**

- USE CONCRETE C-25 FOR COLUMNS, SLABS, BEAMS, AND FOOTING
- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
- USE CLASS S-400 DEFORMED REINFORCEMENT BARS REINFORCING STEEL FY=400N/MM<sup>2</sup>
- ACTUAL SOIL BEARING CAPACITY SHALL BE CHECKED BY THE SUPERVISING ENGINEER DURING ACTUAL EXCAVATION FOR FOUNDATION.
- MAXIMUM SIZE OF AGGREGATE =20mm
- FOUNDATION DEPTH SHALL BE DECIDED BY THE ENG. ON SITE
- ALL DIMENSIONS ARE IN mm
- BE SCALED
- THE DIMENSIONS IN DRAWINGS SHOULD NOT
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL

No.	Date	Description

Drawing status  
**STRUCTURAL DRAWING**

CLIENT  
**ACTED SOUTH SUDAN**

CONSULTANT  
**LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD**

PROJECT  
**600 MT WAREHOUSE**

LOCATION  
**NAGBAKA, MARIDI COUNTY, WESTERN EQUATORIAL, RSS**

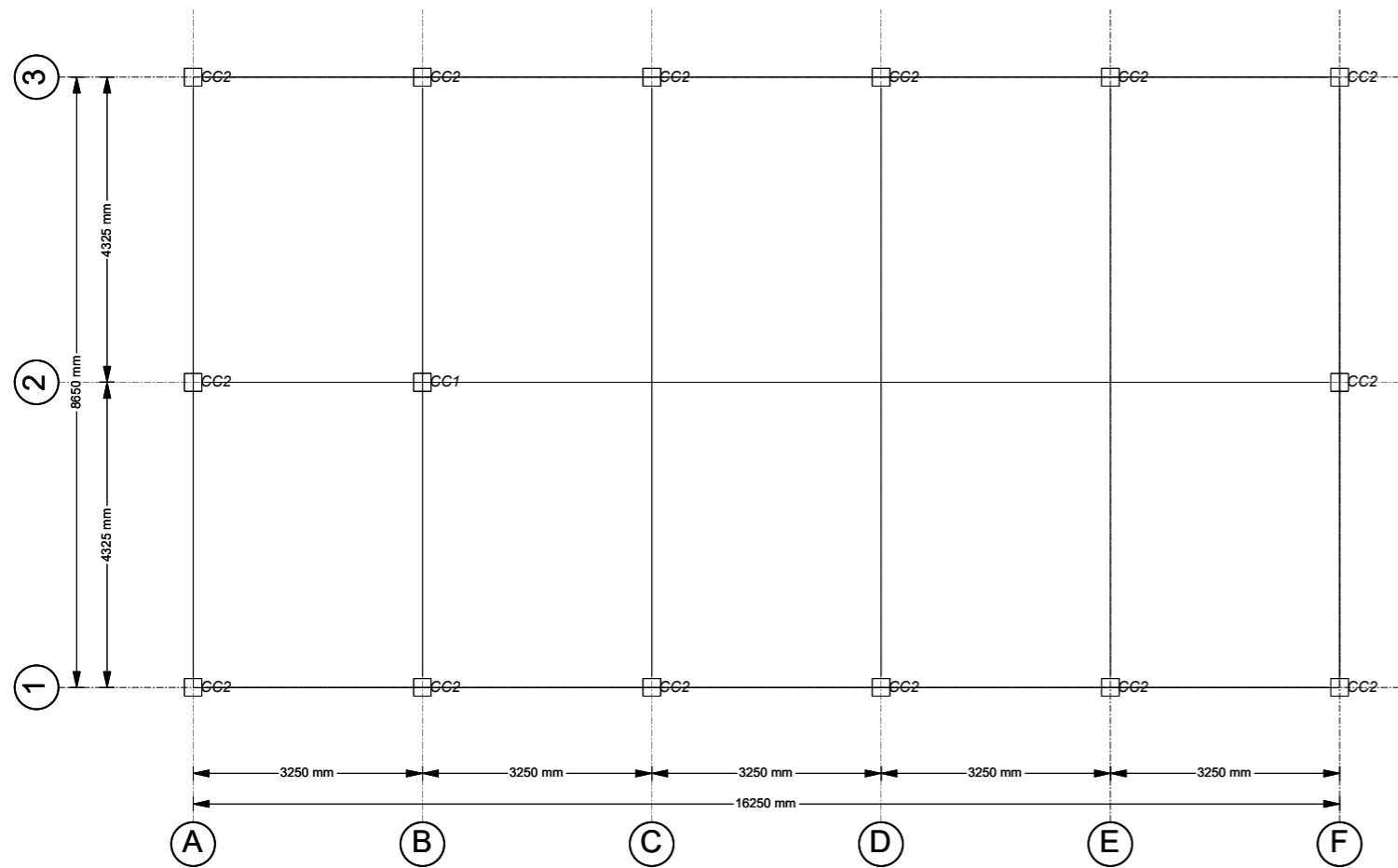
DRAWING TITLE  
**RC Frame layout, Elevations and Sections**

DESIGN & DRAWING BY. \_\_\_\_\_ Date \_\_\_\_\_  
**LADDER ENGINEERING**

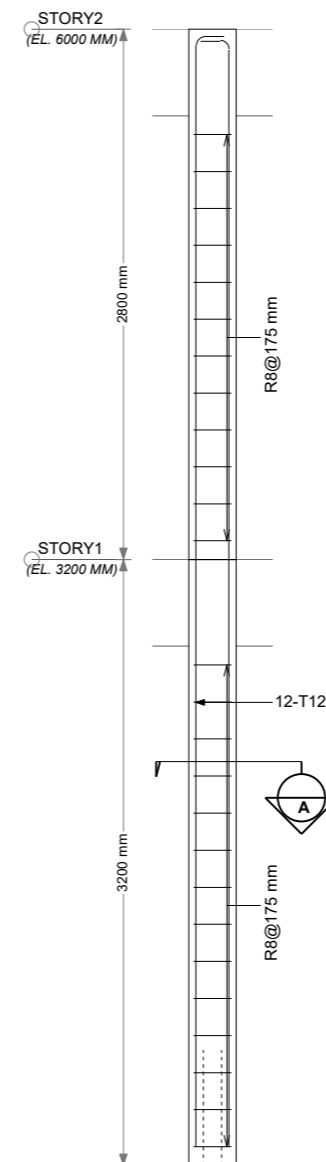
CHECKED & APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_

Scales  
**AS SHOWN**

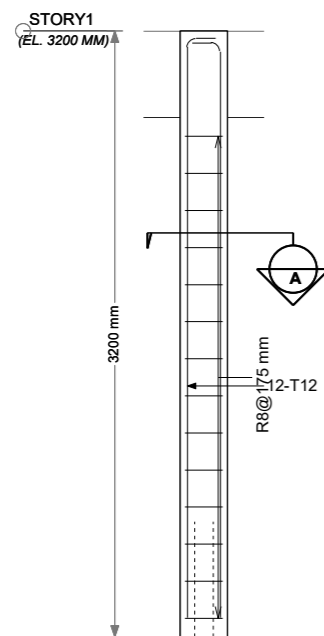
Layout ID. \_\_\_\_\_ Revision \_\_\_\_\_  
**A02-4**



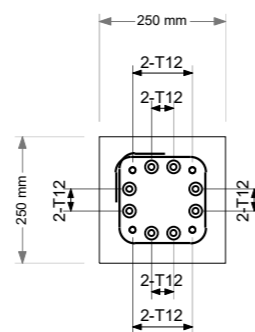
Concrete Column Layout - Base (EL. 0 mm)  
(Scale = 1:100)



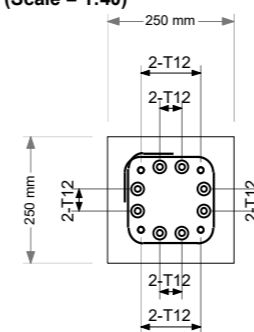
CC2:Elevation-1  
(Scale = 1:40)



CC1:Elevation  
(Scale = 1:40)



CC1:Section A  
(Scale = 1:15)



CC2:Section A  
(Scale = 1:15)

**GENERAL NOTES**

- USE CONCRETE C-25 FOR COLUMNS, SLABS, BEAMS, AND FOOTING
- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
- USE CLASS S-400 DEFORMED REINFORCEMENT BARS REINFORCING STEEL FY=400N/MM<sup>2</sup>
- ACTUAL SOIL BEARING CAPACITY SHALL BE CHECKED BY THE SUPERVISING ENGINEER DURING ACTUAL EXCAVATION FOR FOUNDATION.
- MAXIMUM SIZE OF AGGREGATE =20mm
- FOUNDATION DEPTH SHALL BE DECIDED BY THE ENG. ON SITE
- ALL DIMENSIONS ARE IN mm BE SCALED
- THE DIMENSIONS IN DRAWINGS SHOULD NOT BE SCALED
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL

No.	Date	Description

Drawing status  
**STRUCTURAL DRAWING**

CLIENT  
**ACTED SOUTH SUDAN**

CONSULTANT  
**LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD**

PROJECT  
**600 MT WAREHOUSE**

LOCATION  
NAGBAKA, MARIDI COUNTY,  
WESTERN EQUATORIAL, RSS

DRAWING TITLE  
**RC Frame layout, Elevations and Sections**

DESIGN & DRAWING BY. \_\_\_\_\_ Date \_\_\_\_\_

**LADDER ENGINEERING**

CHECKED & APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_

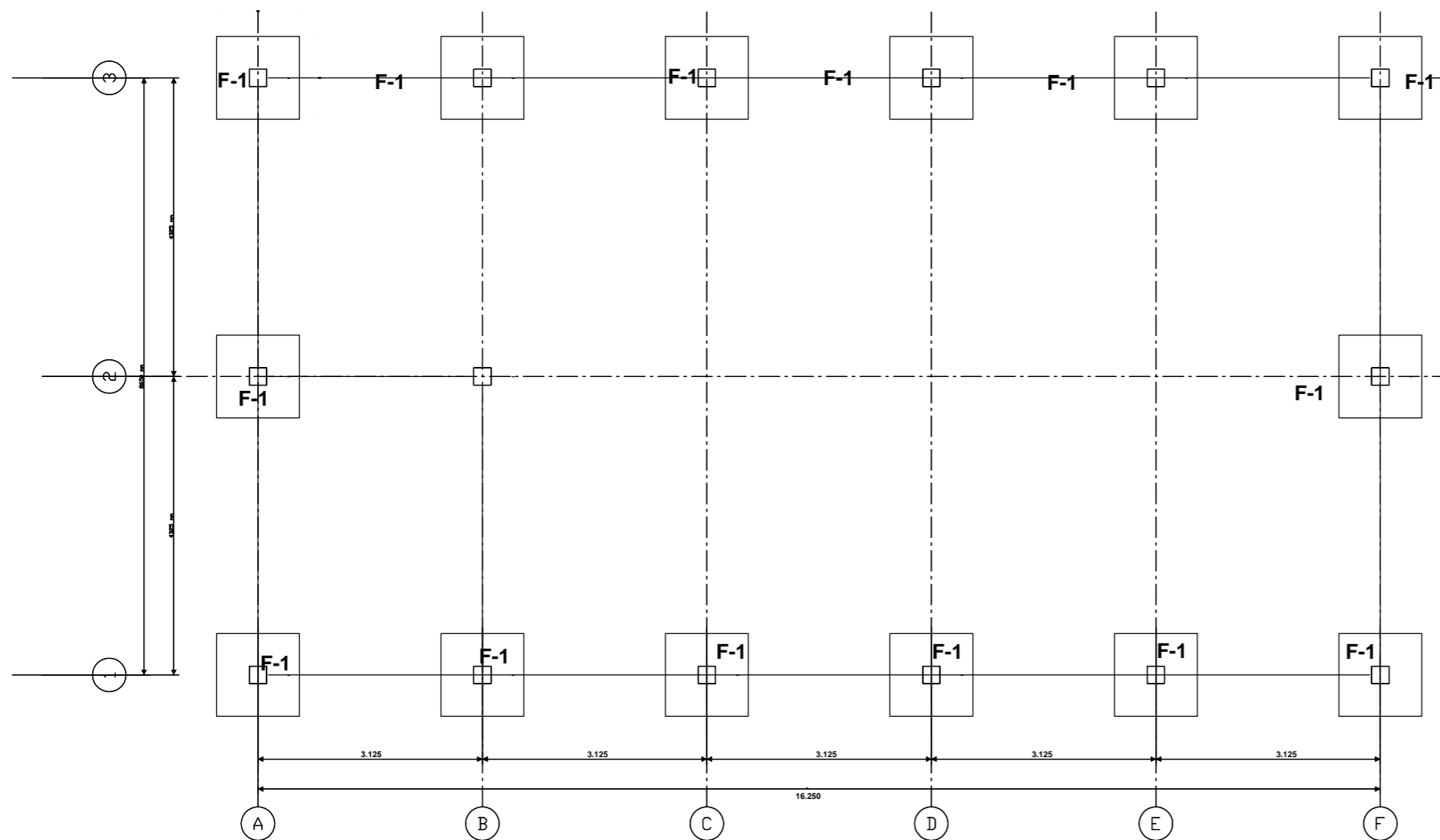
Scales  
**AS SHOWN**

Layout ID. \_\_\_\_\_ Revision \_\_\_\_\_

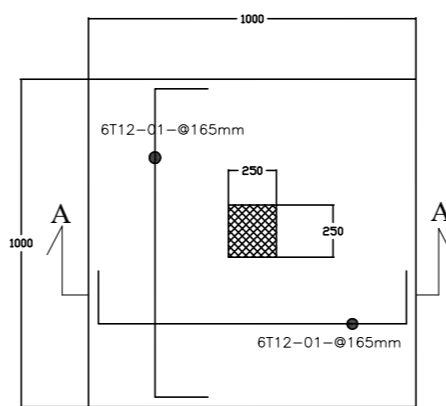
**A02-5**

**GENERAL NOTES**

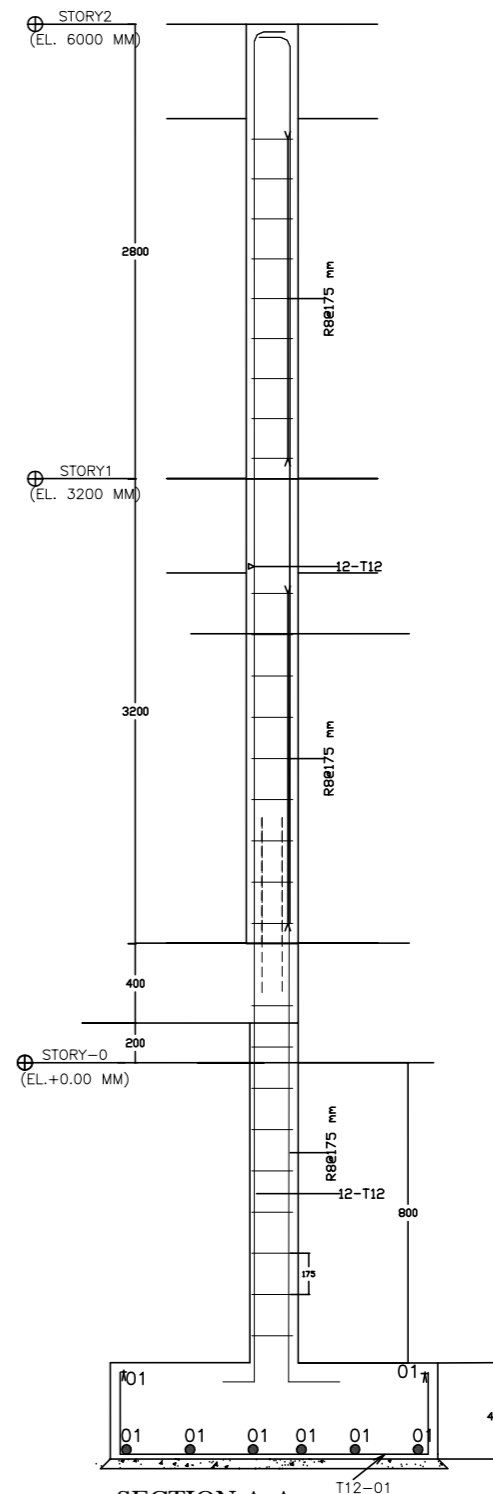
- USE CONCRETE C-25 FOR COLUMNS, SLABS, BEAMS, AND FOOTING
- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
- USE CLASS S-400 DEFORMED REINFORCEMENT BARS
- REINFORCING STEEL  $F_y = 400N/MM^2$
- ACTUAL SOIL BEARING CAPACITY SHALL BE CHECKED BY THE SUPERVISING ENGINEER DURING ACTUAL EXCAVATION FOR FOUNDATION.
- MAXIMUM SIZE OF AGGREGATE = 20mm
- FOUNDATION DEPTH SHALL BE DECIDED BY THE ENG. ON SITE
- ALL DIMENSIONS ARE IN mm
- BE SCALED
- THE DIMENSIONS IN DRAWINGS SHOULD NOT BE SCALED
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL



Isolated Footing Layout - Base (EL. -1200 mm)  
(Scale 1/75)



ISOLATED FOOTING F-1 (14- PCS)  
SCALE 1 : 25



SECTION A-A  
SCALE 1:25

No.	Date	Description

Drawing status  
**STRUCTURAL DRAWING**

CLIENT  
**ACTED SOUTH SUDAN**

CONSULTANT  
**LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD**

PROJECT  
**600 MT WAREHOUSE**

LOCATION  
**NAGBAKA, MARIDI COUNTY, WESTERN EQUATORIAL, RSS**

DRAWING TITLE  
**RC Frame layout, Elevations and Sections**

DESIGN & DRAWING BY. \_\_\_\_\_ Date \_\_\_\_\_  
**LADDER ENGINEERING**

CHECKED & APPROVED BY \_\_\_\_\_ Date \_\_\_\_\_

Scales  
**AS SHOWN**

Layout ID. \_\_\_\_\_ Revision \_\_\_\_\_  
**A02-6**