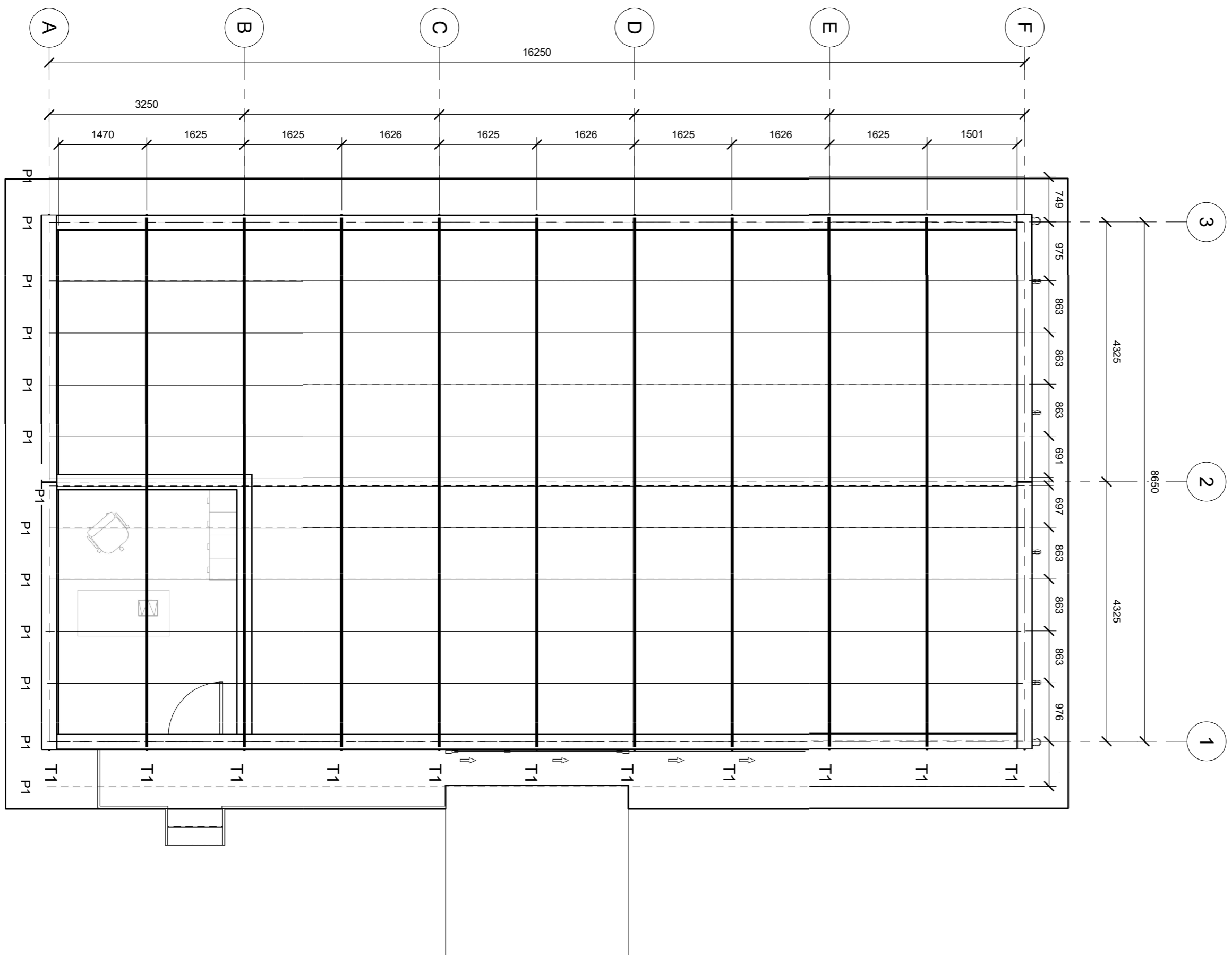


GENERAL NOTES

- 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

STRUCTURAL DRAWING

CLIENT

ACTED SOUTH SUDAN

CONSULTANT

LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD

PROJECT

600 MT WAREHOUSE

LOCATION

MANKIKARA, IBBA, IBBA COUNTY, WESTERN EQUATORIAL, RSS

DRAWING TITLE

ROOF LAYOUT PLAN

DESIGN & DRAWING BY. _____ Date _____

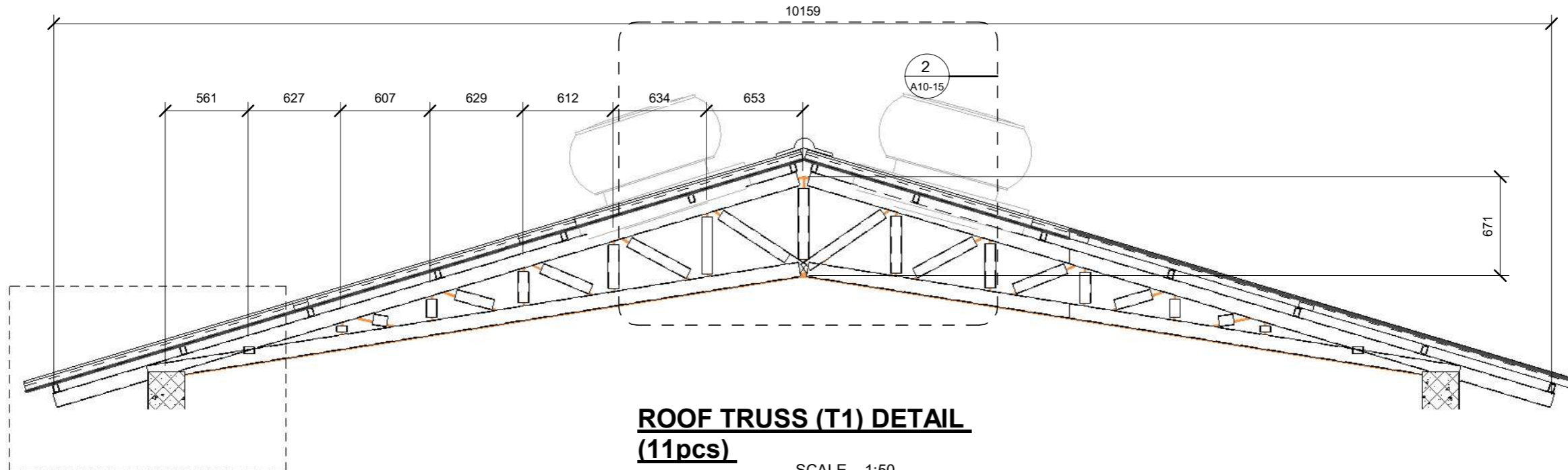
LADDER ENGINEERING

CHECKED & APPROVED BY _____ Date _____

Scales **AS SHOWN**

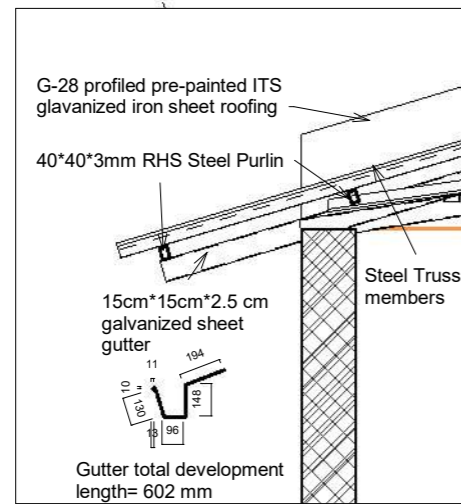
Layout ID. _____ Revision _____

A01-1



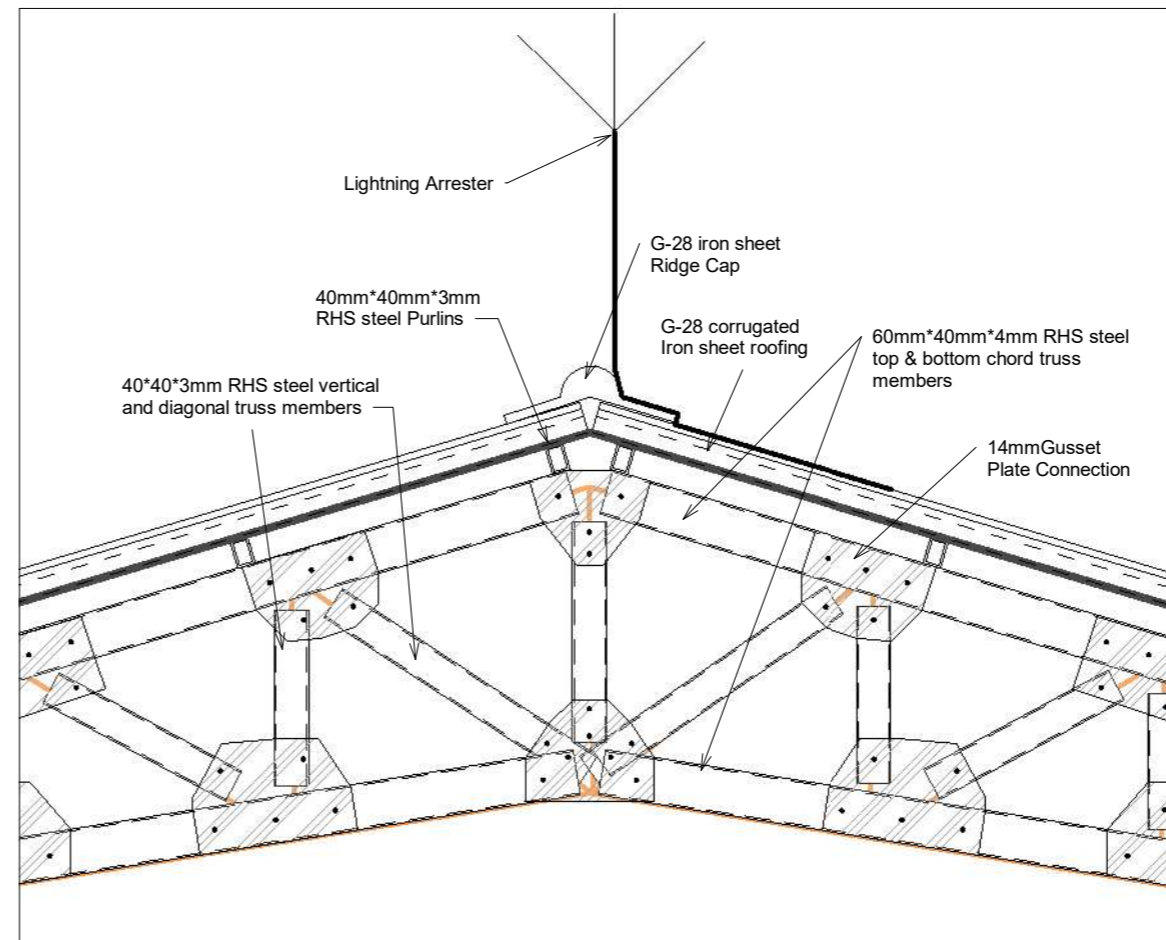
ROOF TRUSS (T1) DETAIL
(11 pcs)

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
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No.	Date	Description
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Drawing status
STRUCTURAL DRAWING

CLIENT
ACTED SOUTH SUDAN

CONSULTANT
LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD

PROJECT
600 MT WAREHOUSE

LOCATION
MANKIKARA, IBBA, IBBA COUNTY, WESTERN EQUATORIAL , RSS

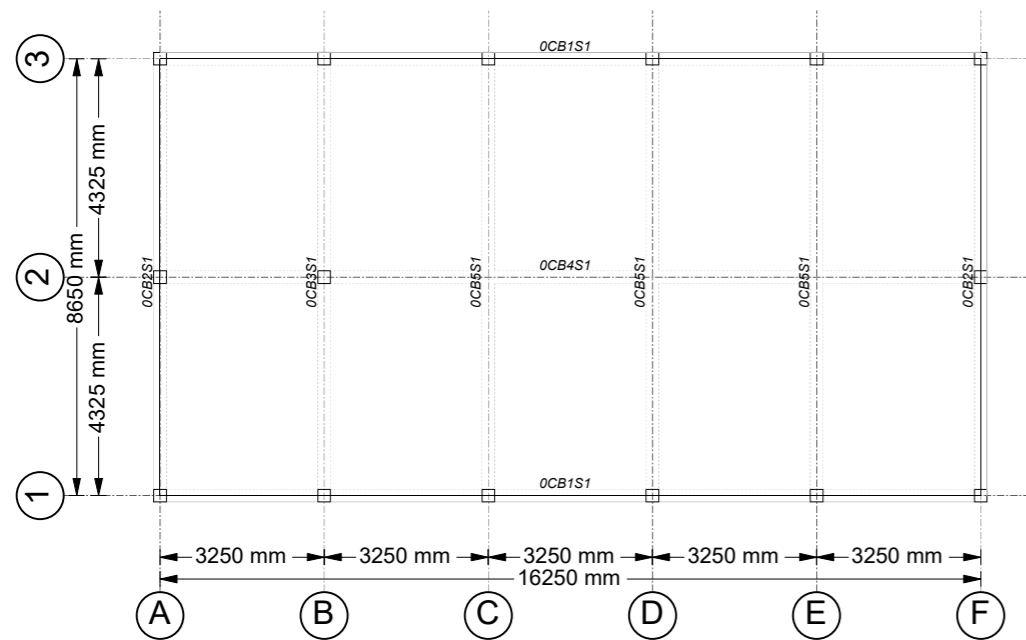
DRAWING TITLE
ROOF TRUSS DETAILS

DESIGN & DRAWING BY. _____ Date _____
LADDER ENGINEERING

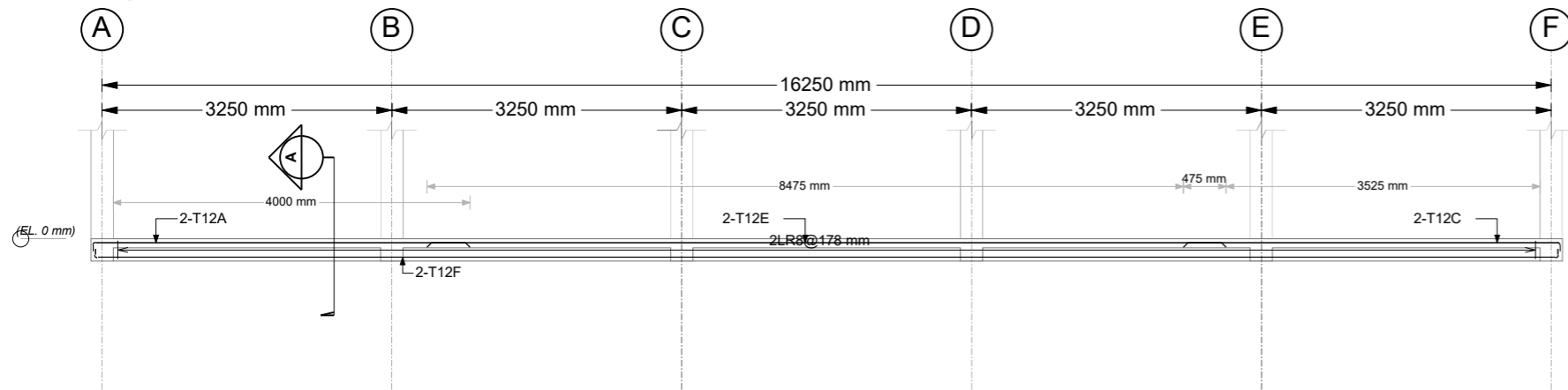
CHECKED & APPROVED BY _____ Date _____

Scales
AS SHOWN

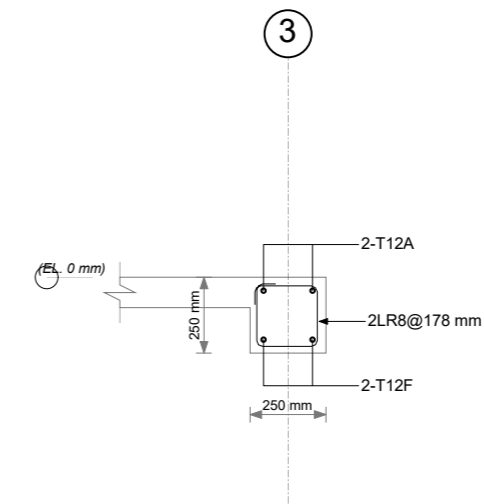
Layout ID. _____ Revision _____
A01-2



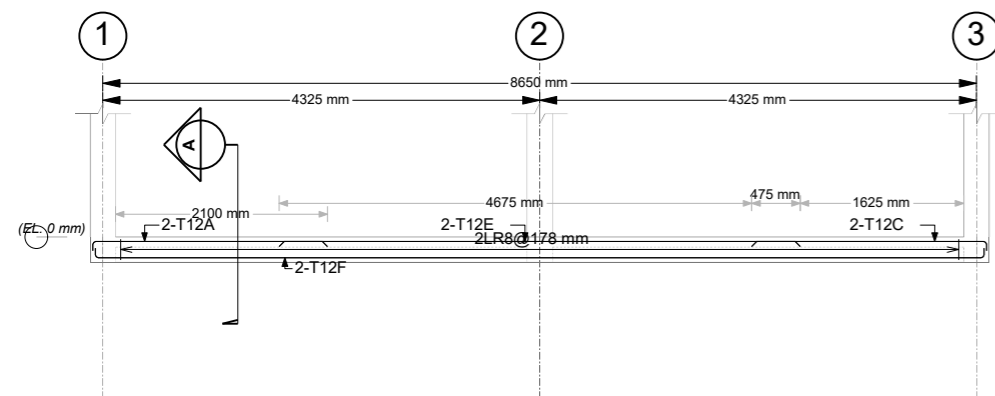
Concrete Beam Layout - Base (EL. 0 mm)
(Scale = 1:150)



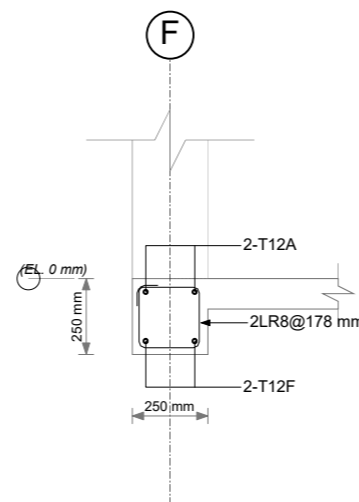
0CB1:Elevation
(Scale = 1:75)



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



0CB2:Elevation
(Scale = 1:75)



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

GENERAL NOTES

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- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
- USE 40mm CONCRETE COVER TO FOOTINGS
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- 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
MANKIKARA, IBBA, IBBA COUNTY, WESTERN EQUATORIAL, RSS

DRAWING TITLE
RC Frame layout, Elevations and Sections

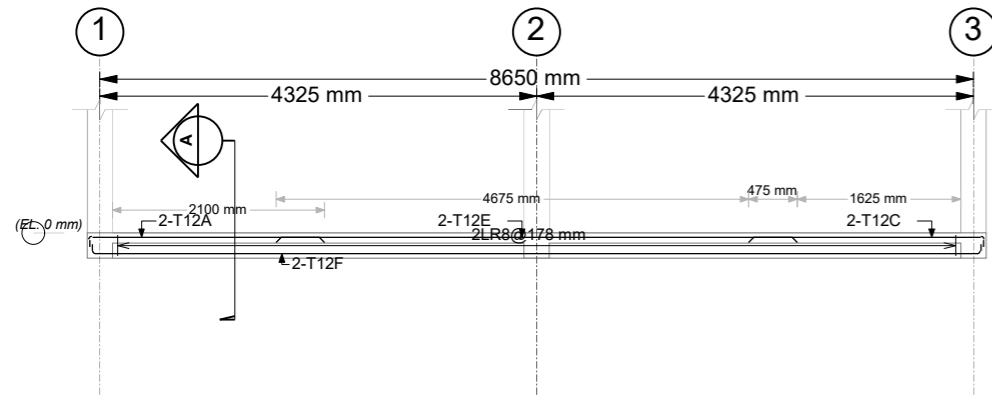
DESIGN & DRAWING BY. _____ Date _____

LADDER ENGINEERING

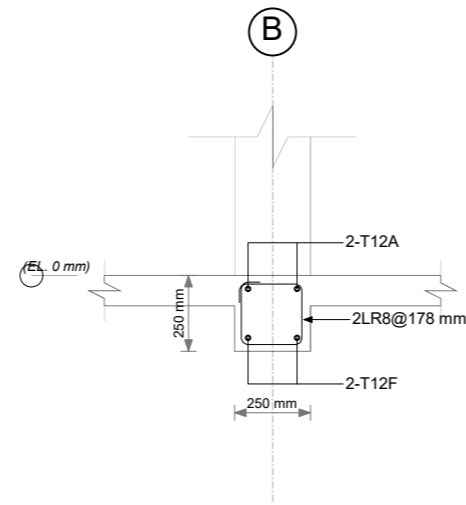
CHECKED & APPROVED BY _____ Date _____

Scales
AS SHOWN

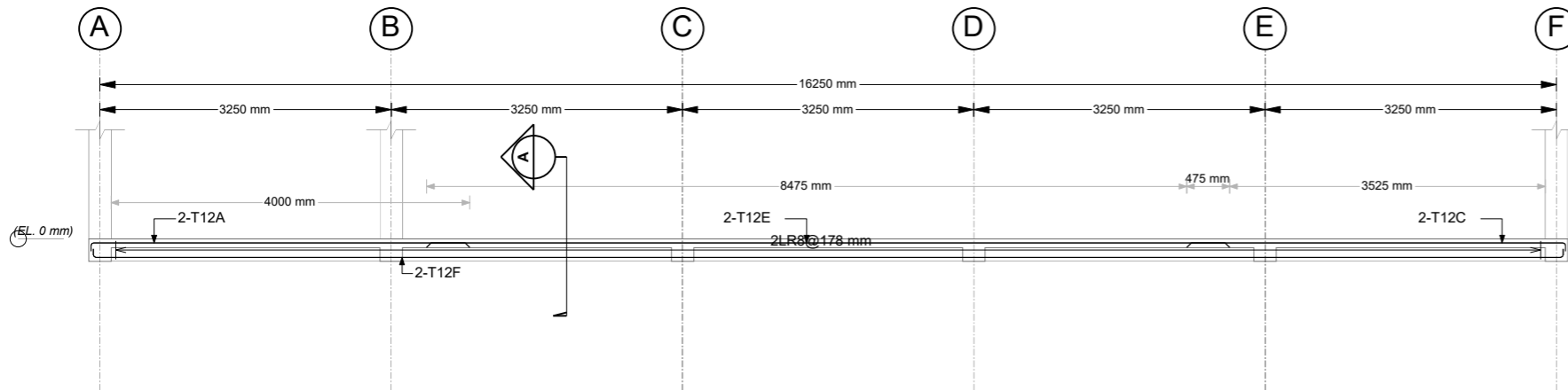
Layout ID. _____ Revision _____
A02-1



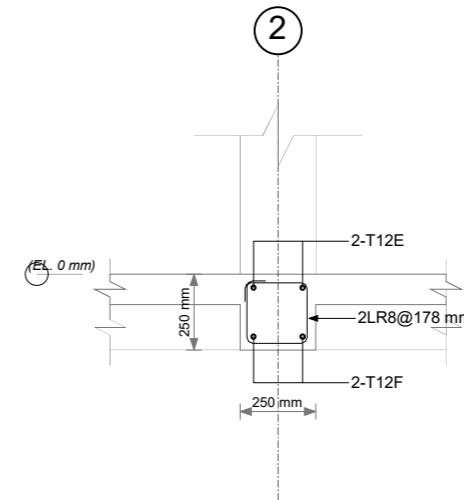
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(Scale = 1:75)



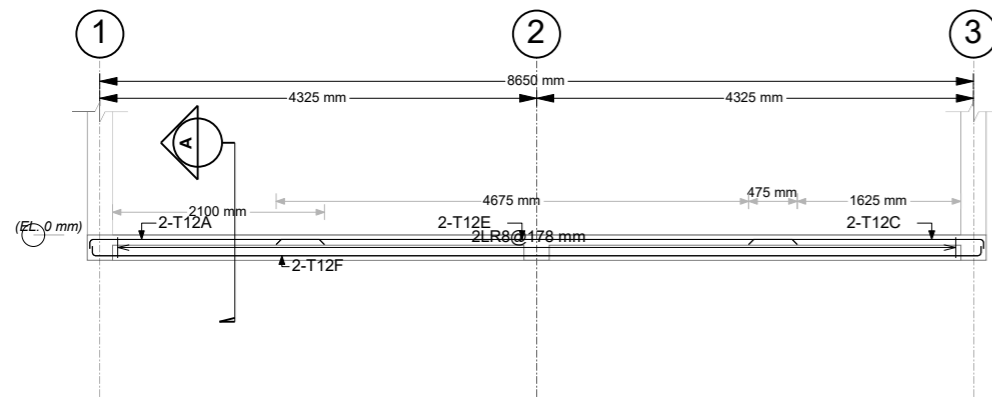
0CB3:Section A
(Scale = 1:25)



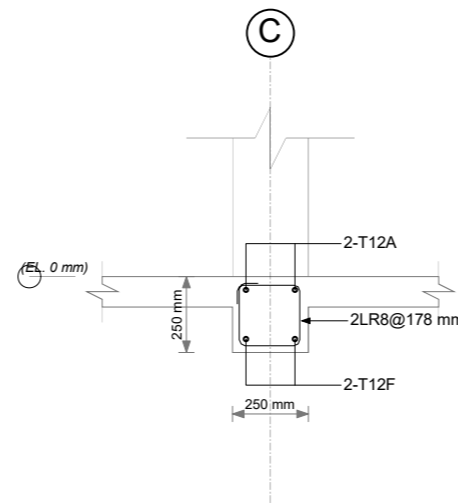
0CB4:Elevation
(Scale = 1:75)



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
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- REINFORCING STEEL $F_y = 400N/MM^2$
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- BE SCALED
- THE DIMENSIONS IN DRAWINGS SHOULD NOT BE SCALED
- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL

No.	Date	Description
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Drawing status
STRUCTURAL DRAWING

CLIENT
ACTED SOUTH SUDAN

CONSULTANT
LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD

PROJECT
600 MT WAREHOUSE

LOCATION
MANKIKARA, IBBA, IBBA COUNTY, WESTERN EQUATORIAL, RSS

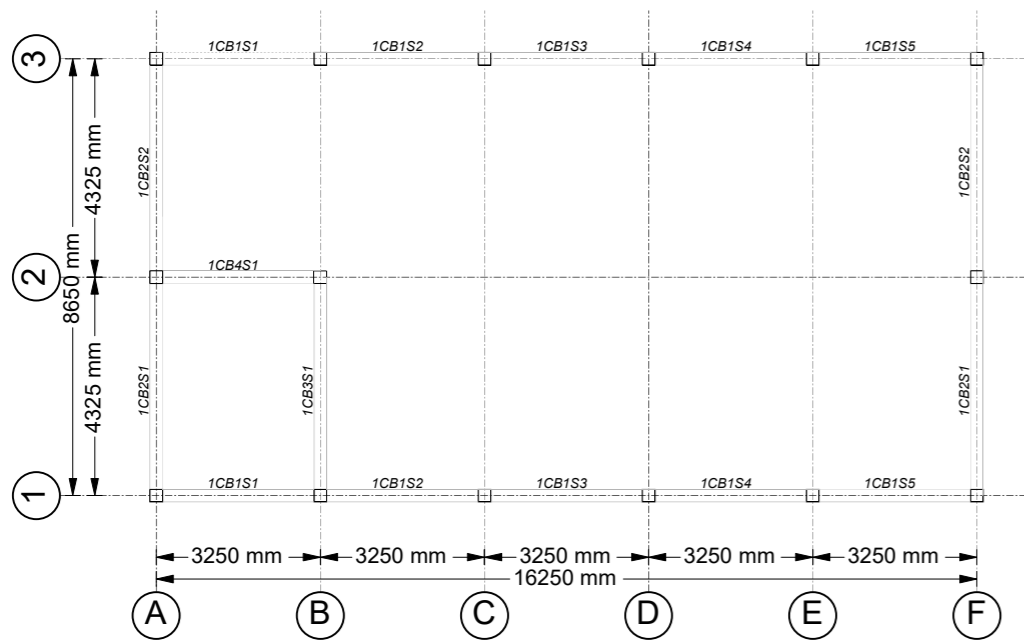
DRAWING TITLE
RC Frame layout, Elevations and Sections

DESIGN & DRAWING BY. _____ Date _____
LADDER ENGINEERING

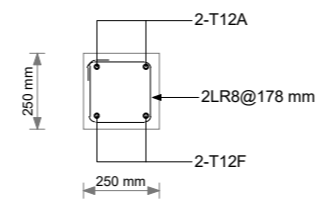
CHECKED & APPROVED BY _____ Date _____

Scales
AS SHOWN

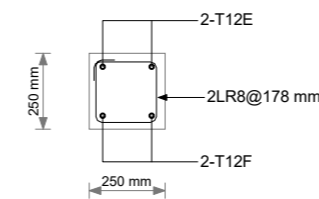
Layout ID. _____ Revision _____
A02-2



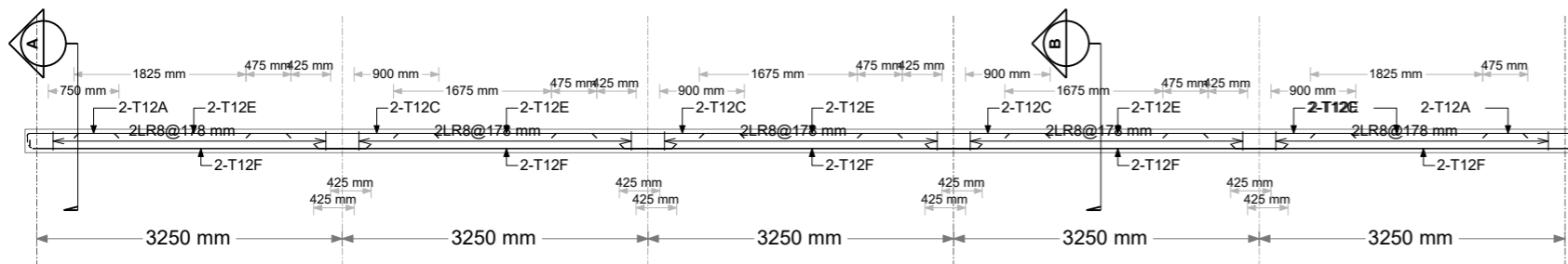
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(Scale = 1:150)



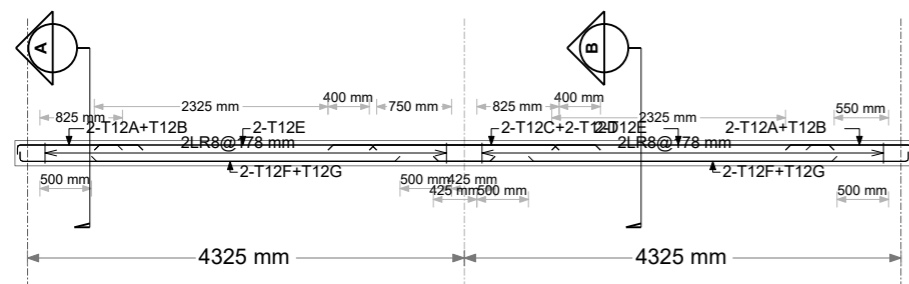
1CB1:Section A
(Scale = 1:25)



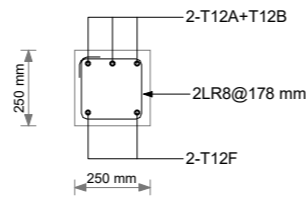
1CB1:Section B
(Scale = 1:25)



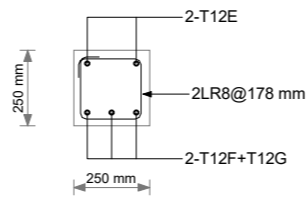
1CB1:Elevation
(Scale = 1:75)



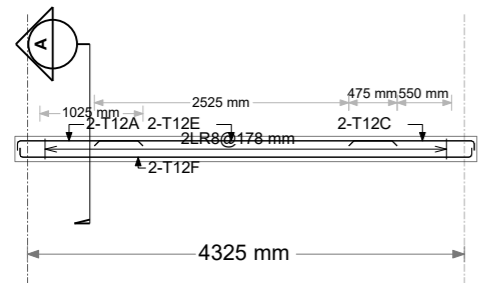
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(Scale = 1:75)



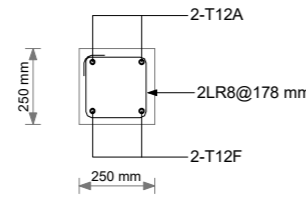
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(Scale = 1:25)



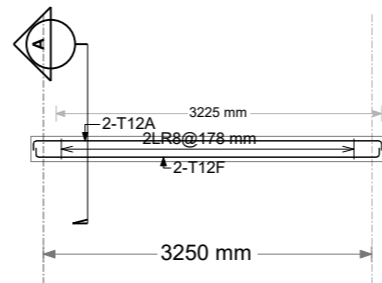
1CB2:Section B
(Scale = 1:25)



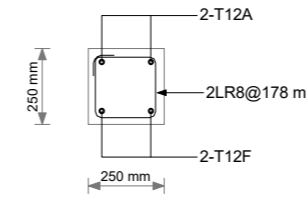
1CB3:Elevation
(Scale = 1:75)



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
MANKIKARA, IBBA, IBBA COUNTY, WESTERN EQUATORIAL, RSS

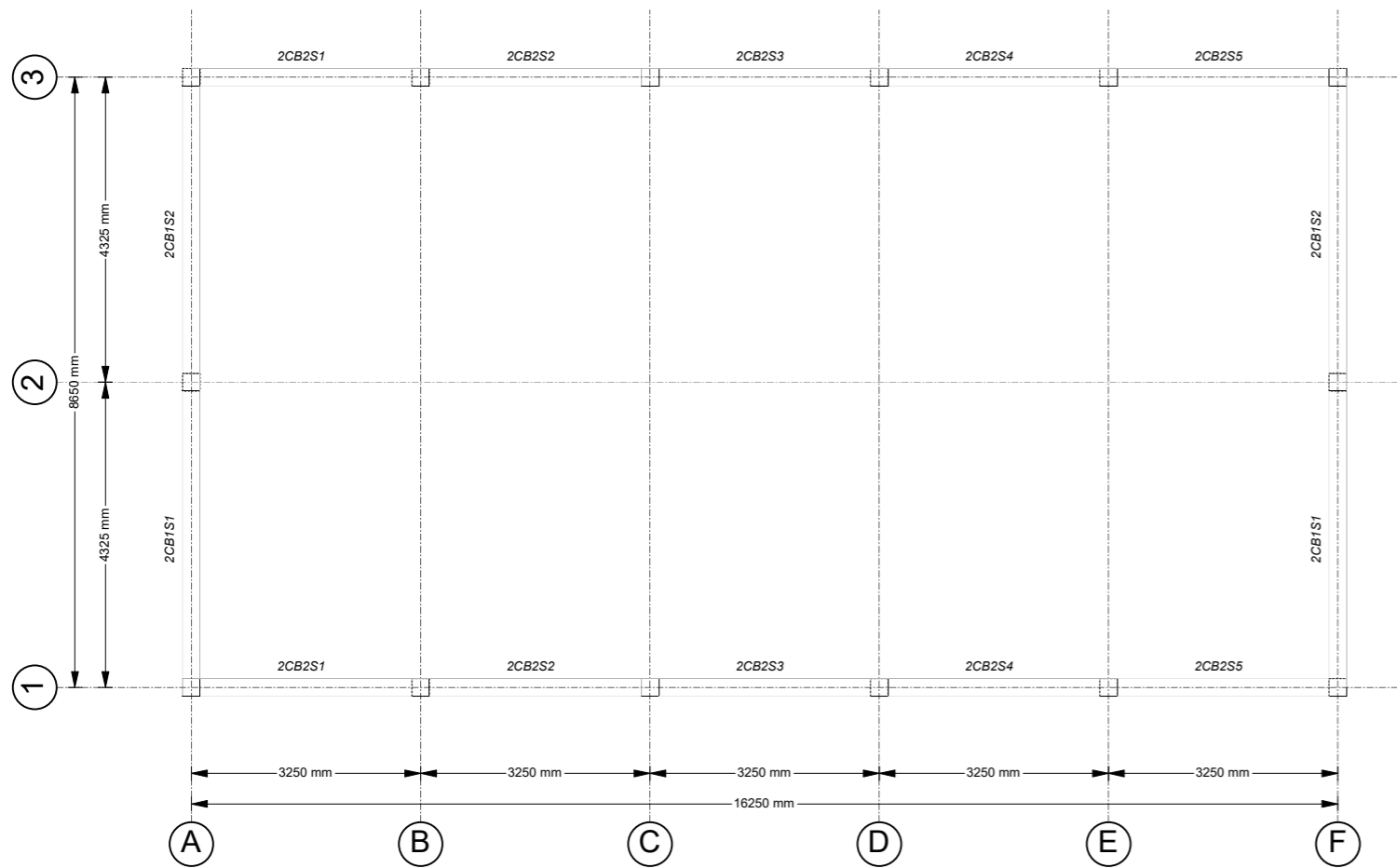
DRAWING TITLE
RC Frame layout, Elevations and Sections

DESIGN & DRAWING BY. _____ Date _____
LADDER ENGINEERING

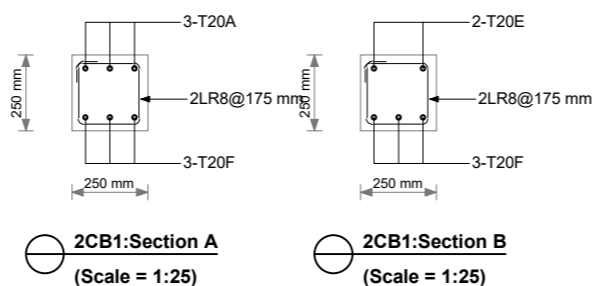
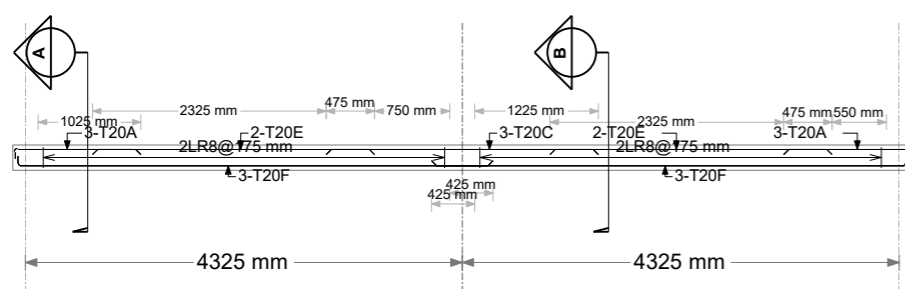
CHECKED & APPROVED BY _____ Date _____

Scales
AS SHOWN

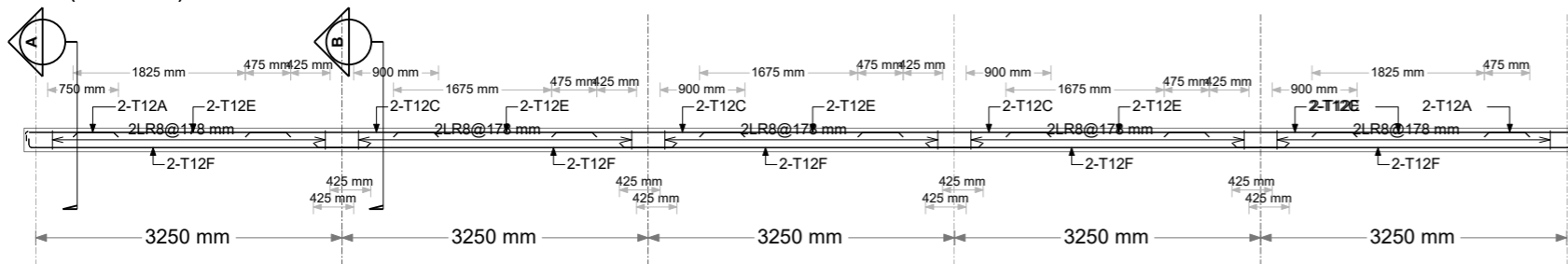
Layout ID. **A02-3** Revision _____



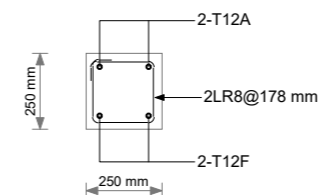
Concrete Beam Layout - Story2 (EL. 6000 mm)
(Scale = 1:100)



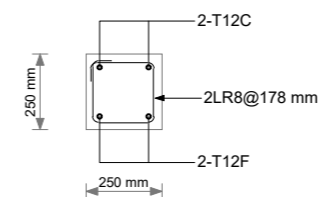
2CB1:Elevation
(Scale = 1:75)



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/MM²
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- MAXIMUM SIZE OF AGGREGATE =20mm
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- THIS DRAWING SHOULD READ IN CONNECTION WITH ARCHITECTURAL, SANITARY, AND ELECTRICAL

No.	Date	Description
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Drawing status
STRUCTURAL DRAWING

CLIENT
ACTED SOUTH SUDAN

CONSULTANT
LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD

PROJECT
600 MT WAREHOUSE

LOCATION
MANKIKARA, IBBA, IBBA COUNTY, WESTERN EQUATORIAL, RSS

DRAWING TITLE
RC Frame layout, Elevations and Sections

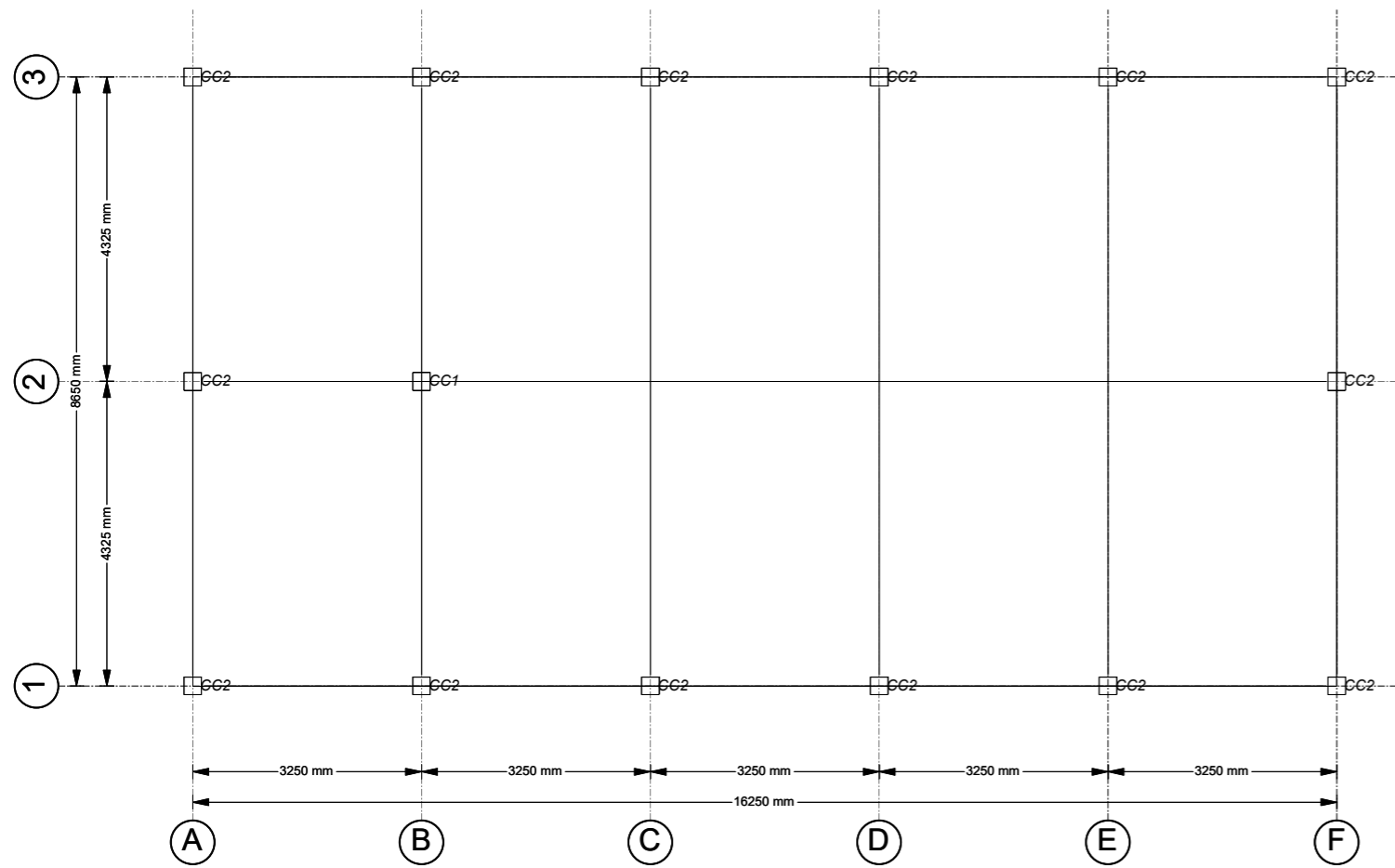
DESIGN & DRAWING BY. _____ Date _____

LADDER ENGINEERING

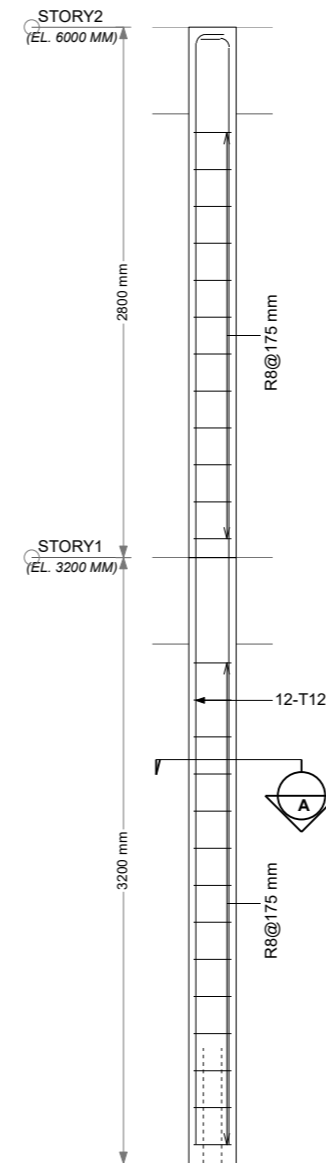
CHECKED & APPROVED BY _____ Date _____

Scales
AS SHOWN

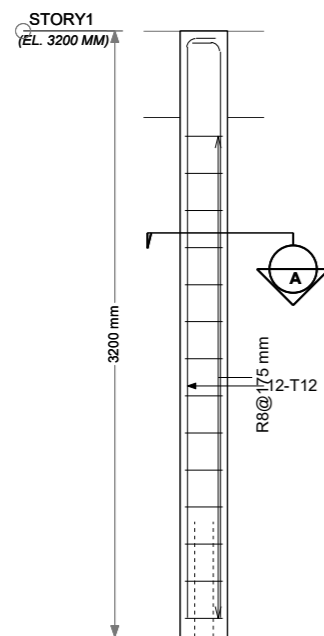
Layout ID. **A02-4** Revision _____



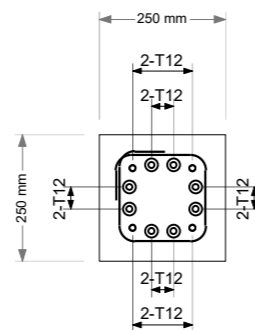
Concrete Column Layout - Base (EL. 0 mm)
(Scale = 1:100)



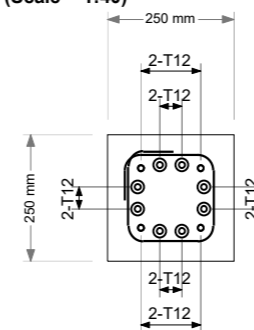
CC2:Elevation-1
(Scale = 1:40)



CC1:Elevation
(Scale = 1:40)



CC1:Section A
(Scale = 1:15)



CC2:Section A
(Scale = 1:15)

GENERAL NOTES

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No.	Date	Description
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Drawing status
STRUCTURAL DRAWING

CLIENT
ACTED SOUTH SUDAN

CONSULTANT
LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD

PROJECT
600 MT WAREHOUSE

LOCATION
MANKIKARA, IBBA, IBBA COUNTY, WESTERN EQUATORIAL, RSS

DRAWING TITLE
RC Frame layout, Elevations and Sections

DESIGN & DRAWING BY. _____ Date _____
LADDER ENGINEERING

CHECKED & APPROVED BY _____ Date _____

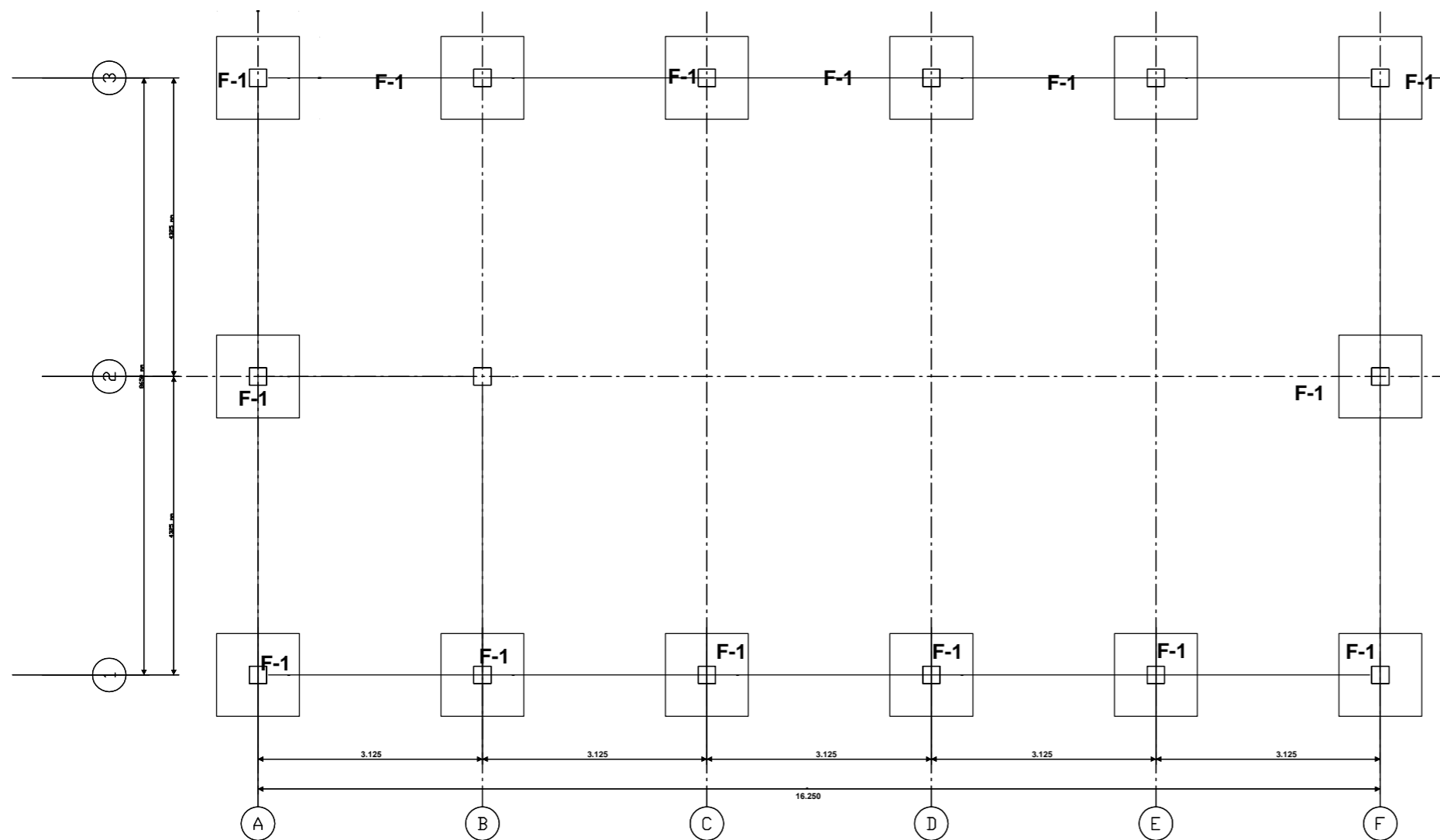
Scales
AS SHOWN

Layout ID. _____ Revision _____

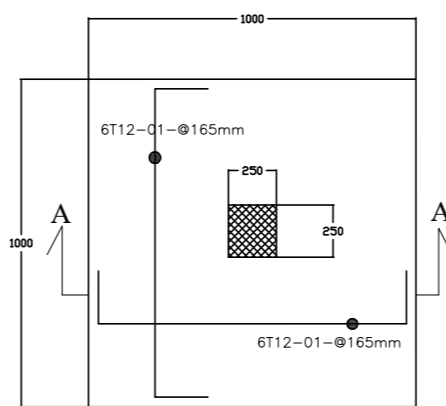
A02-5

GENERAL NOTES

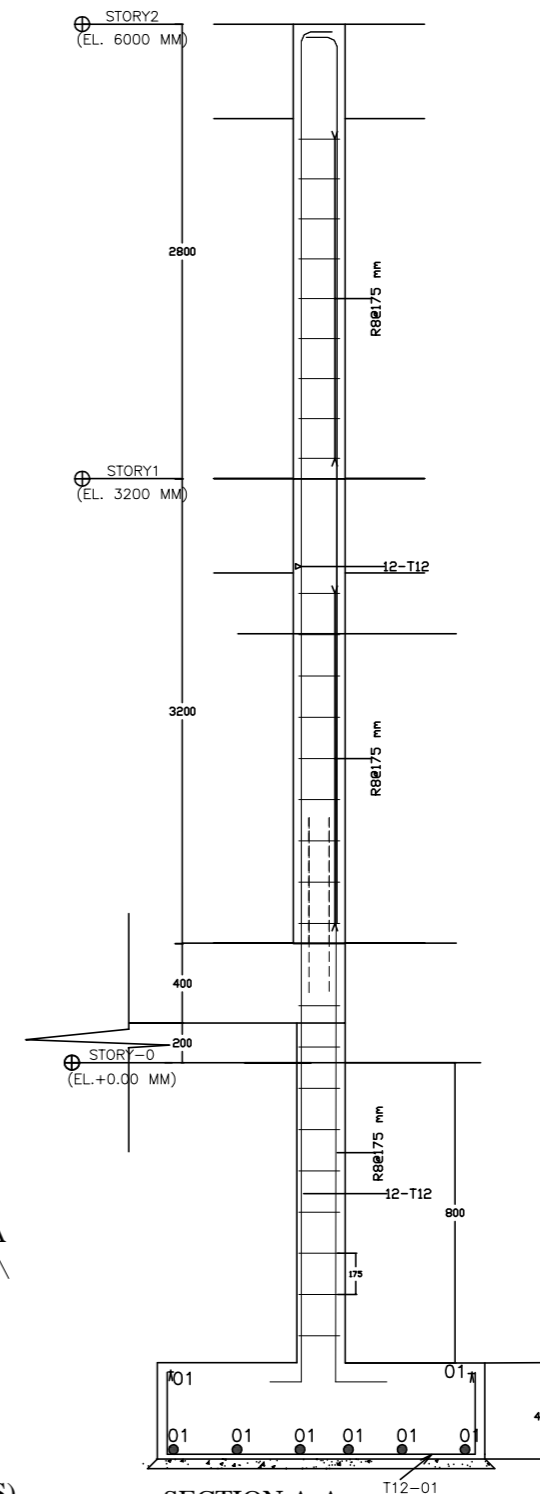
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- USE CONCRETE C-5 FOR LEAN CONCRETE
- USE 25mm CONCRETE COVER TO BEAMS, COLUMNS & SLAB
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Isolated Footing Layout - Base (EL. -1200 mm)
(Scale 1/75)



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
MANKIKARA, IBBA, IBBA 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