

1 ROOF LAYOUT PLAN
1 : 75

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
FRUIT PROCESSING UNIT

LOCATION
MARIDI, MARIDI COUNTY, WEST EQUATORIA, RSS

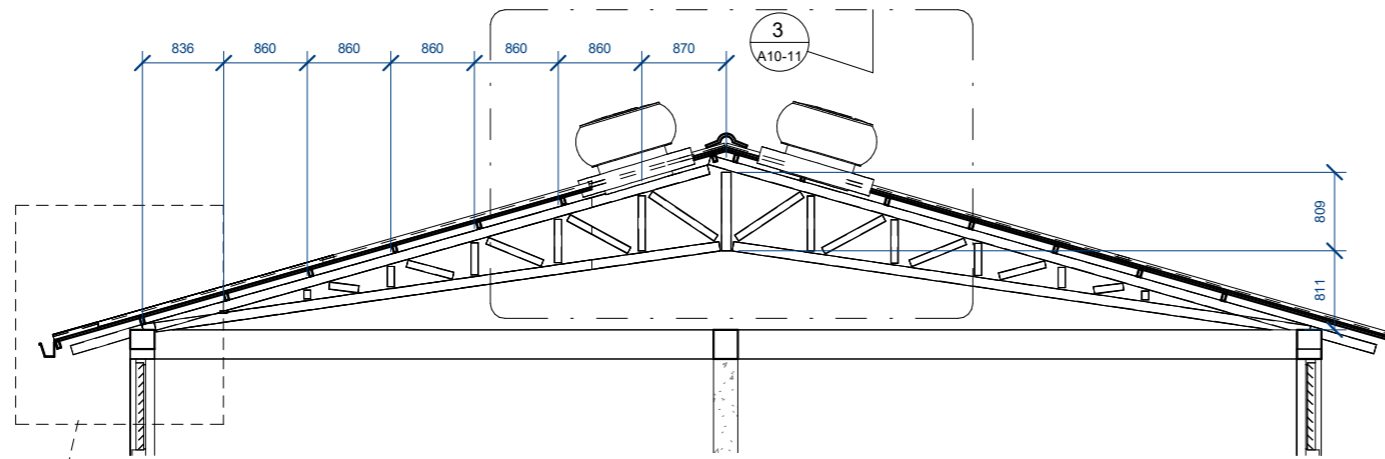
DRAWING TITLE
ROOF LAYOUT PLAN

DESIGN & DRAWING BY. _____ Date _____
LADDER ENGINEERING

CHECKED & APPROVED BY _____ Date _____

Scales
AS SHOWN

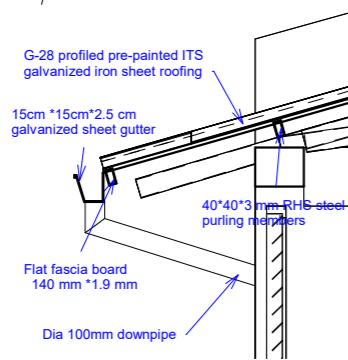
Layout ID. _____ Revision _____
A01-1



ROOF TRUSS (T1) PLAN (9PCS)

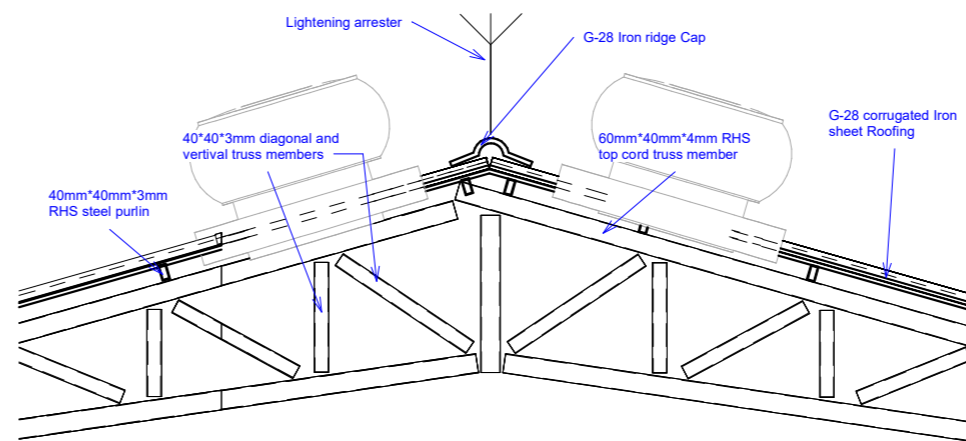
SCALE 1:50

A01-7



2 Gutter Detail

1 : 25



RIDGE DETAILS

SCALE 1:25

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DRAWING TITLE
ROOF TRUSS DETAILS

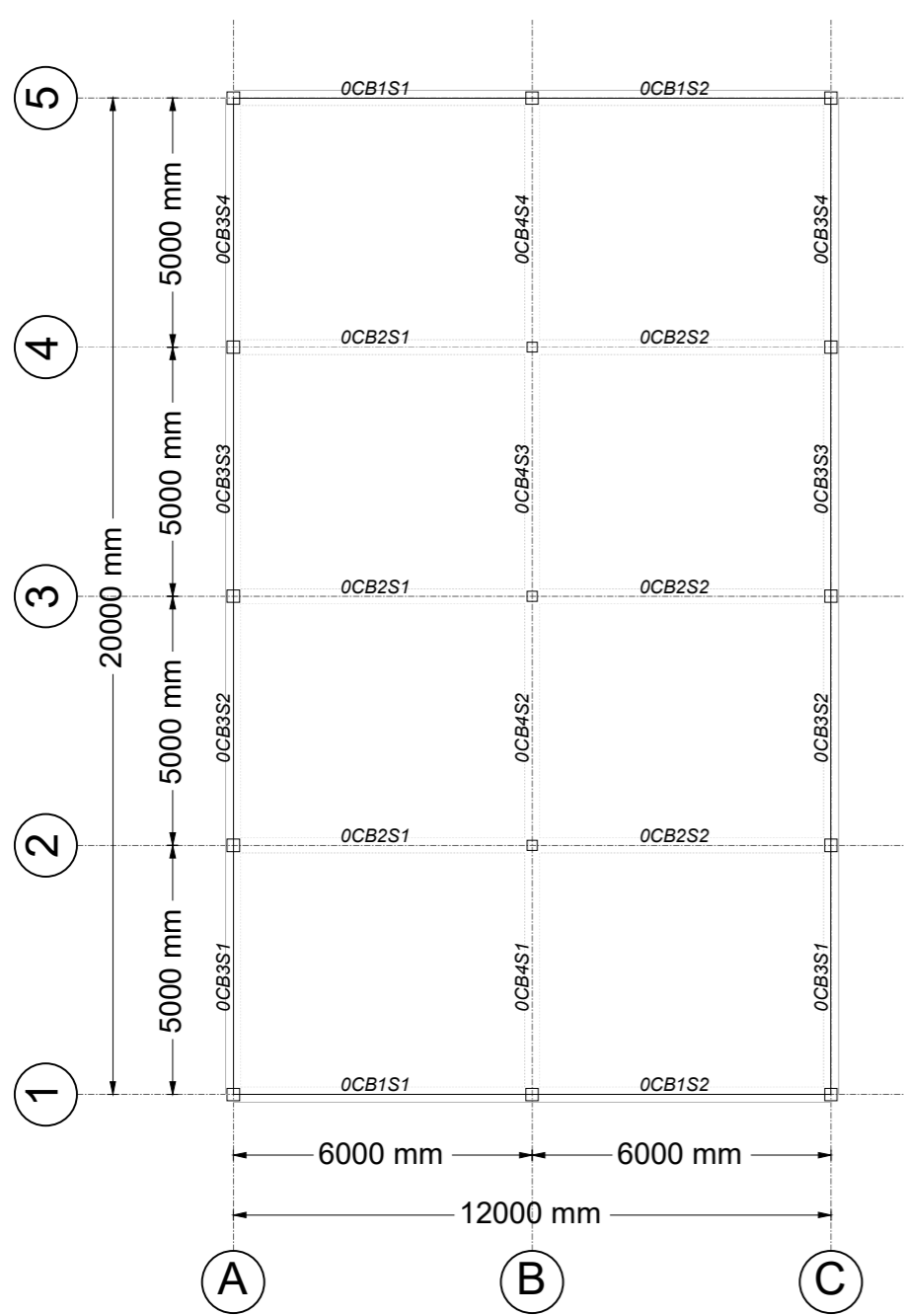
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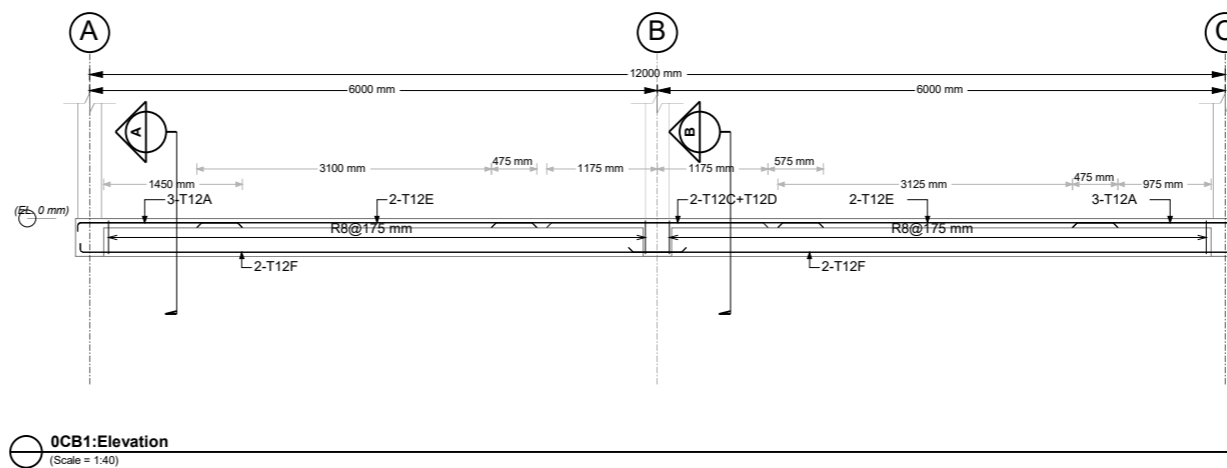
CHECKED & APPROVED BY _____ Date _____

Scales
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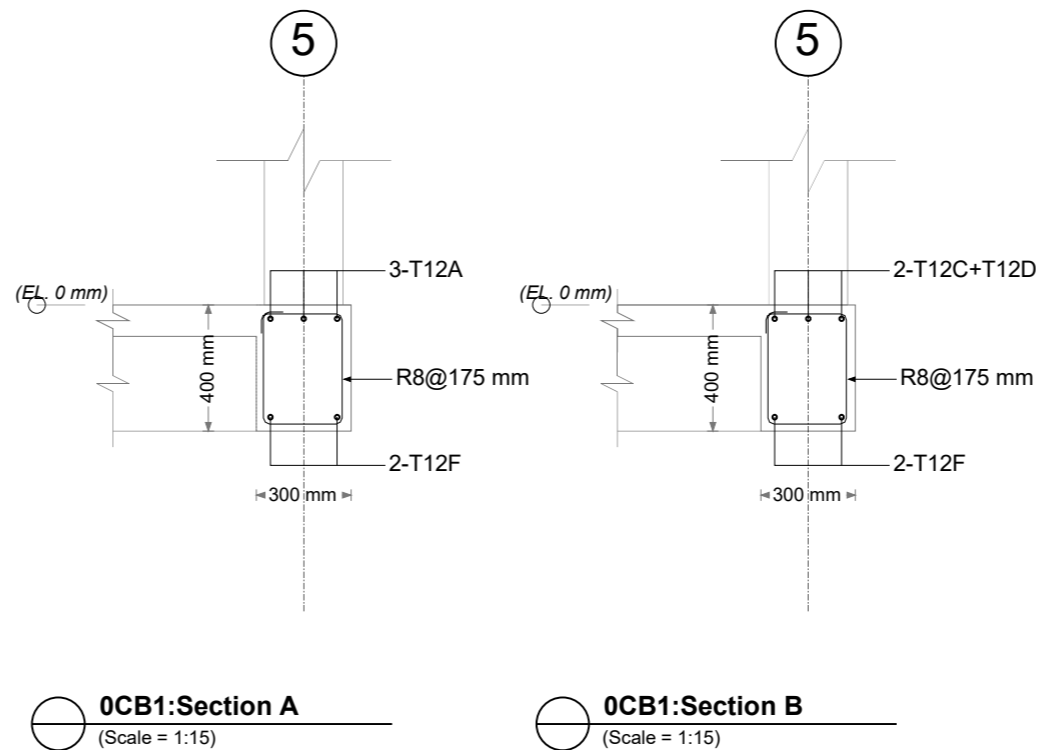
Layout ID. _____ Revision _____
A01-2



Concrete Beam Layout - Base (EL. 0 mm)
(Scale = 1:75)

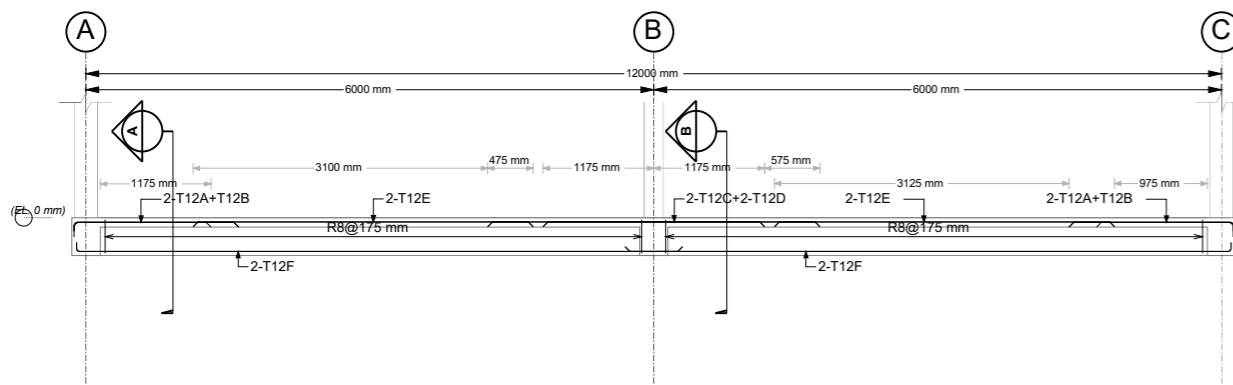


0CB1:Elevation
(Scale = 1:40)

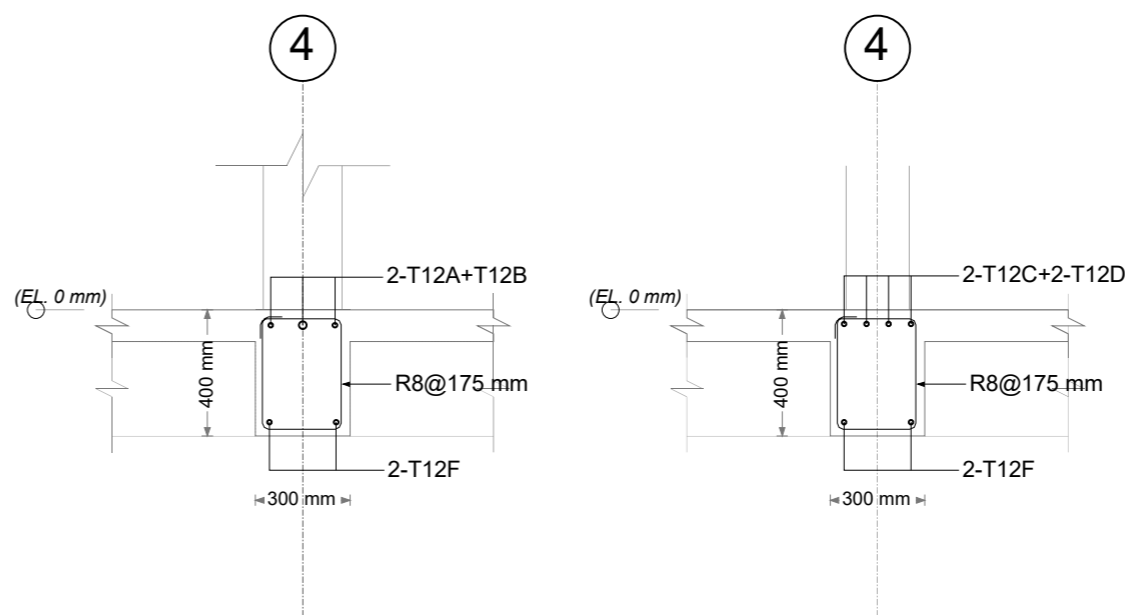


0CB1:Section A
(Scale = 1:15)

0CB1:Section B
(Scale = 1:15)



0CB2:Elevation
(Scale = 1:40)



0CB2:Section A
(Scale = 1:15)

0CB2:Section B
(Scale = 1:15)

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DRAWING TITLE
RC Frame layout, Elevations and Sections

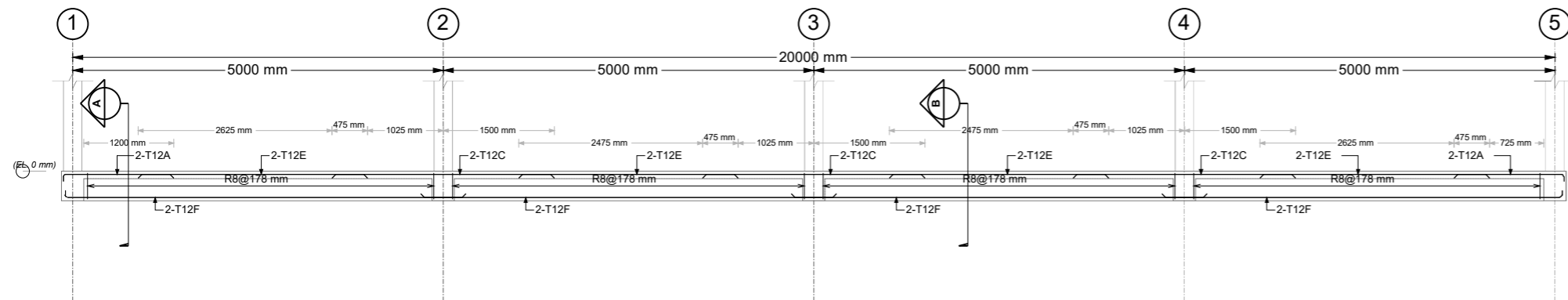
DESIGN & DRAWING BY. _____ Date _____
LADDER ENGINEERING

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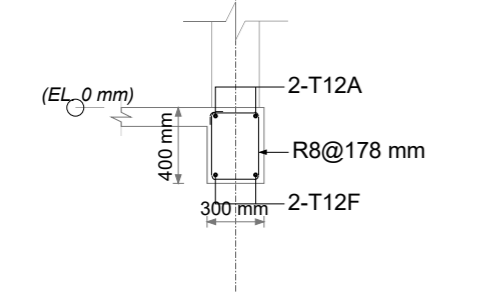
Scales
AS SHOWN

Layout ID. _____ Revision _____

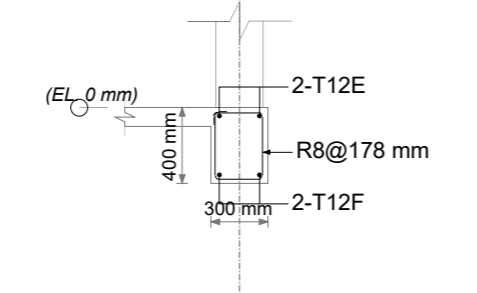
A02-1



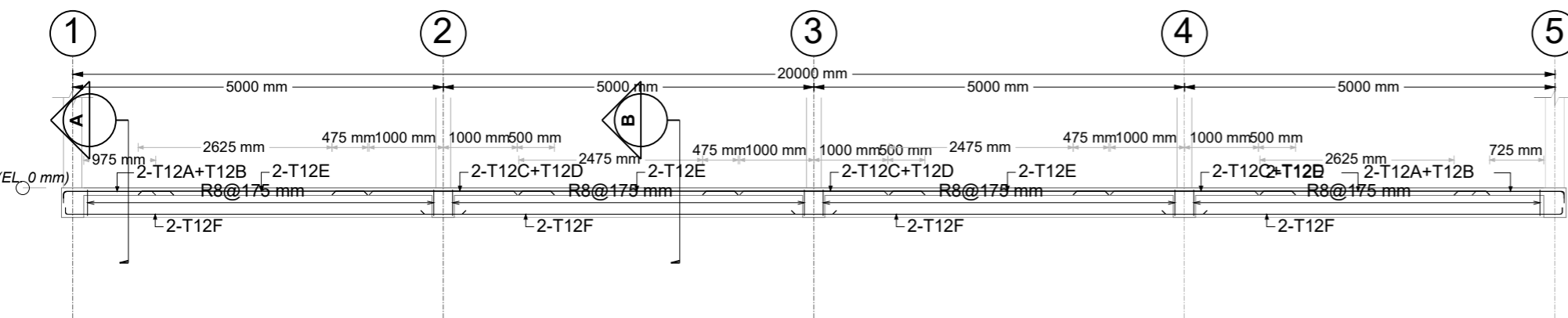
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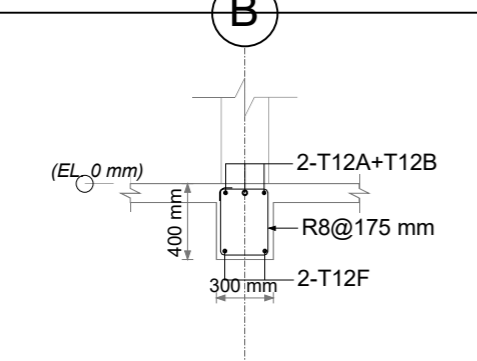
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(Scale = 1:20)



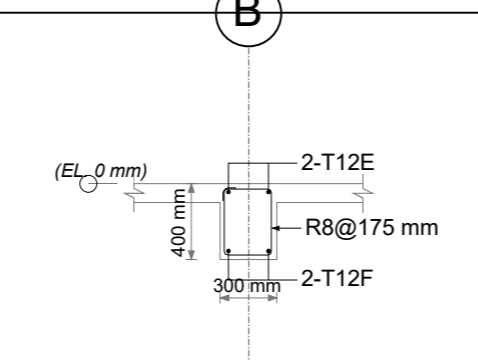
0CB3:Section B
(Scale = 1:20)



0CB4:Elevation
(Scale = 1:40)



0CB4:Section A
(Scale = 1:20)



0CB4:Section B
(Scale = 1:20)

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LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD

PROJECT
FRUIT PROCESSING UNIT

LOCATION
MARIDI, MARIDI COUNTY, WESTEQUATORIA, RSS

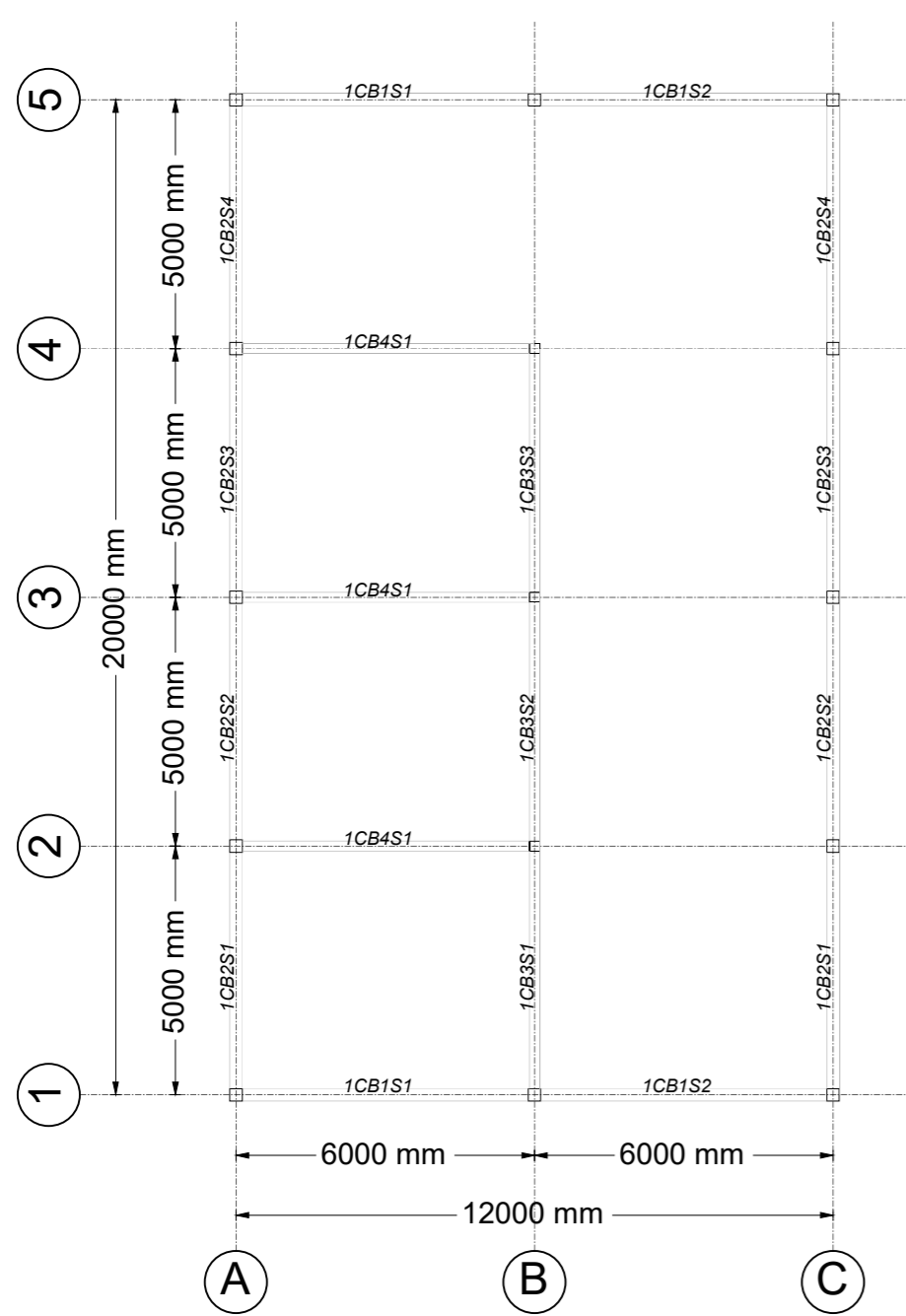
DRAWING TITLE
RC Frame layout, Elevations and Sections

DESIGN & DRAWING BY. _____ Date _____
LADDER ENGINEERING

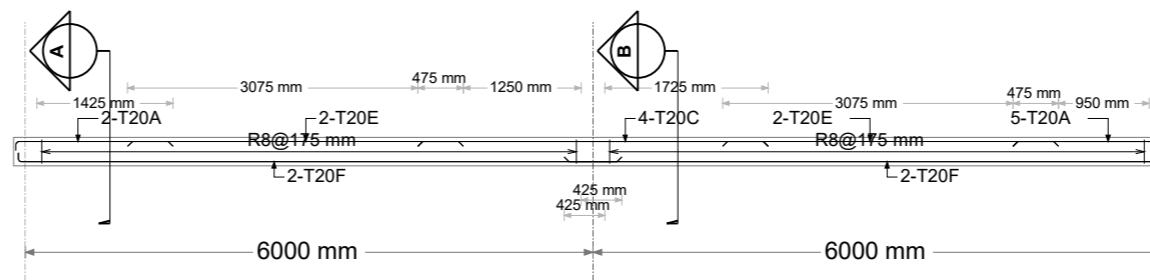
CHECKED & APPROVED BY _____ Date _____

Scales
AS SHOWN

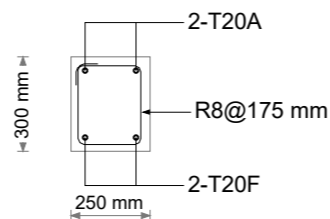
Layout ID. _____ Revision _____
A02-2



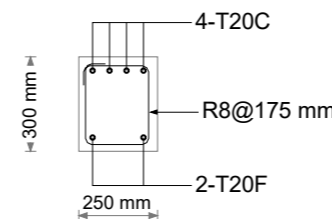
Concrete Beam Layout - Story1 (EL. 3200 mm)
(Scale = 1:75)



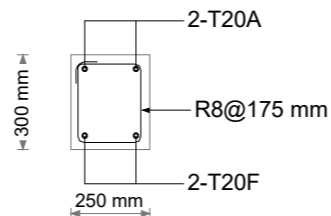
1CB1:Elevation
(Scale = 1:40)



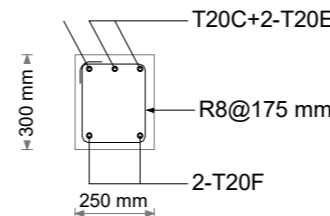
1CB1:Section A
(Scale = 1:15)



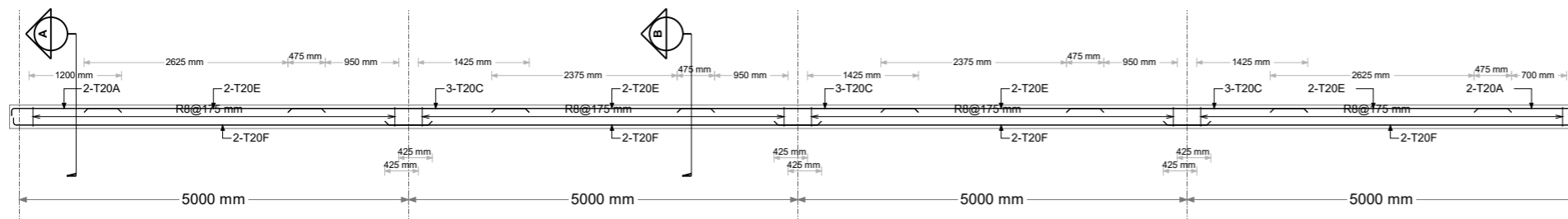
1CB1:Section B
(Scale = 1:15)



1CB2:Section A
(Scale = 1:15)



1CB2:Section B
(Scale = 1:15)



1CB2:Elevation
(Scale = 1:40)

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CONSULTANT
LADDER FOR ENGINEERING AND GENERAL INVESTMENT CO.LTD

PROJECT
FRUIT PROCESSING UNIT

LOCATION
IBBA, IBBA COUNTY, WESTEQUATORIA, RSS

DRAWING TITLE
RC Frame layout, Elevations and Sections

DESIGN & DRAWING BY. _____ Date _____

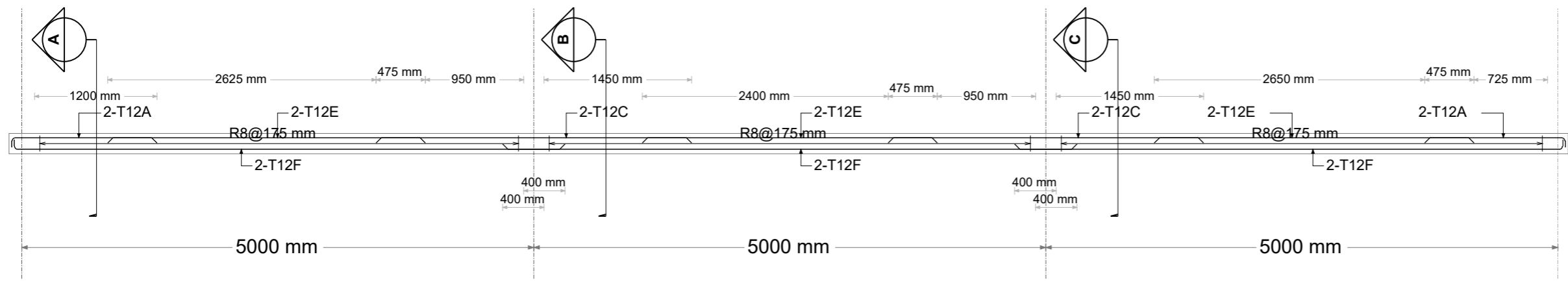
LADDER ENGINEERING

CHECKED & APPROVED BY _____ Date _____

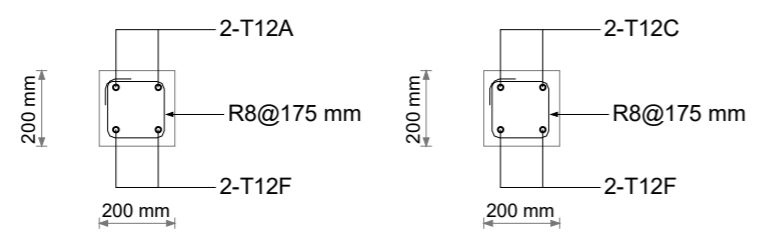
Scales
AS SHOWN

Layout ID. _____ Revision _____

A02-3

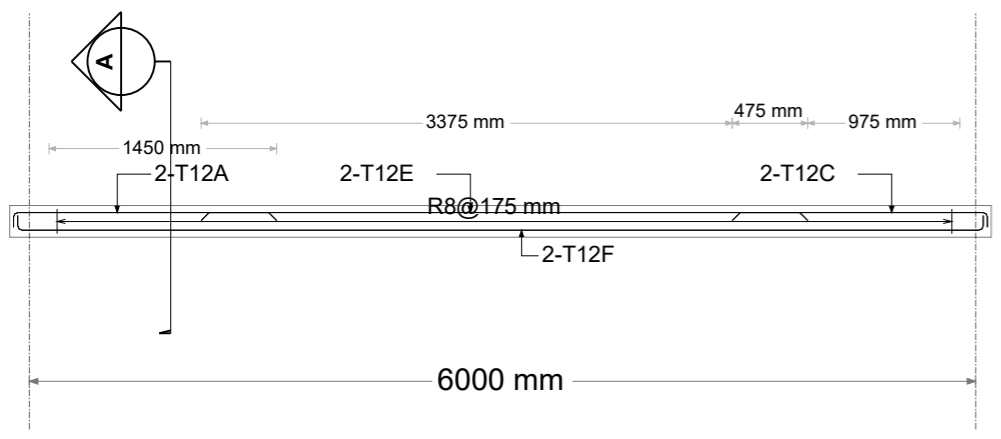


1CB3:Elevation
(Scale = 1:25)

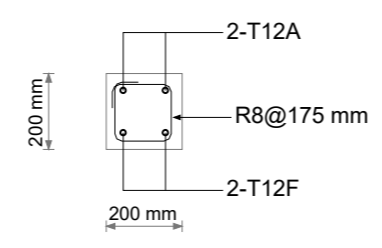


1CB3:Section A
(Scale = 1:10)

1CB3:Section B
(Scale = 1:10)



1CB4:Elevation
(Scale = 1:25)



1CB4:Section A
(Scale = 1:10)

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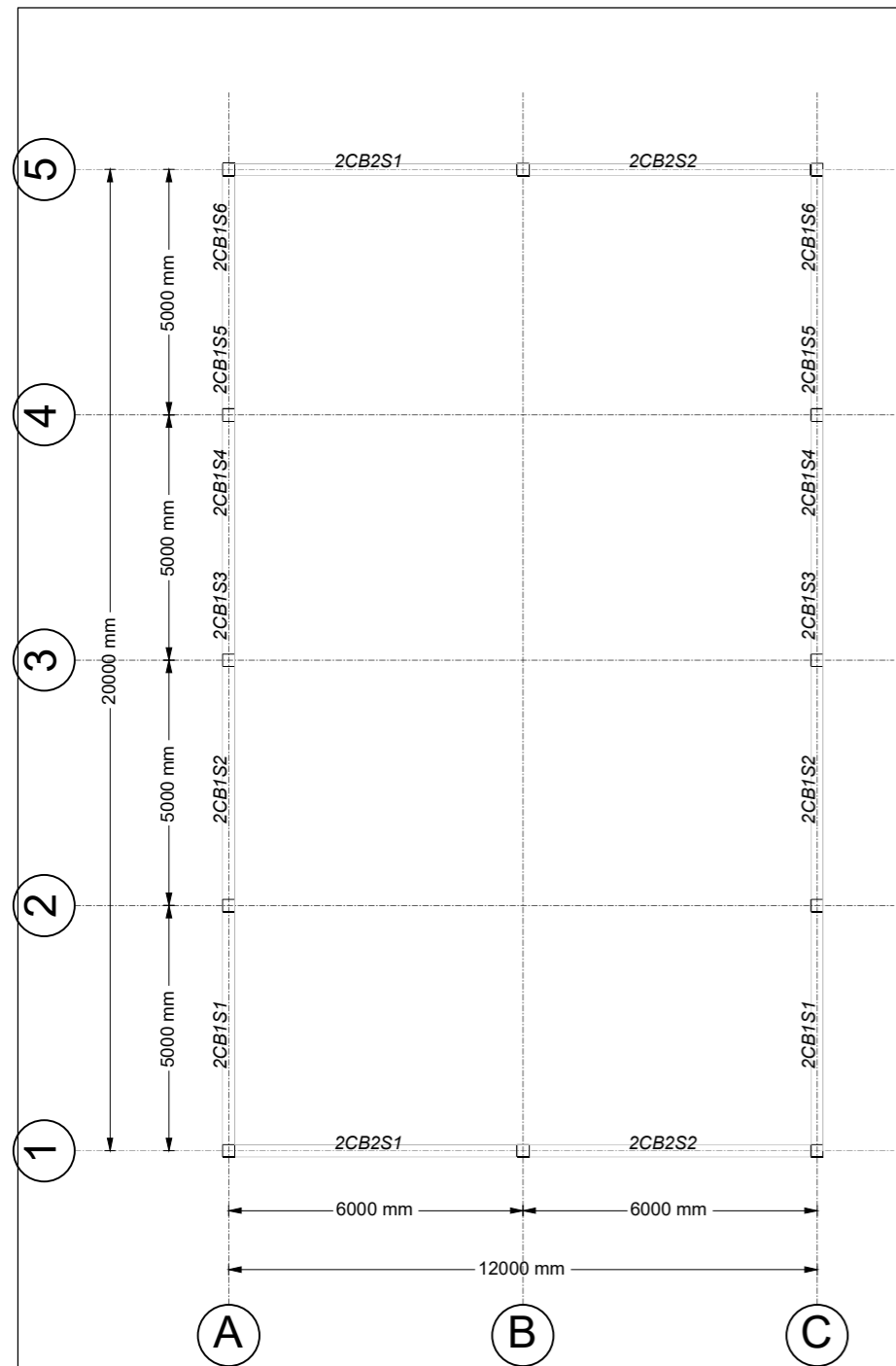
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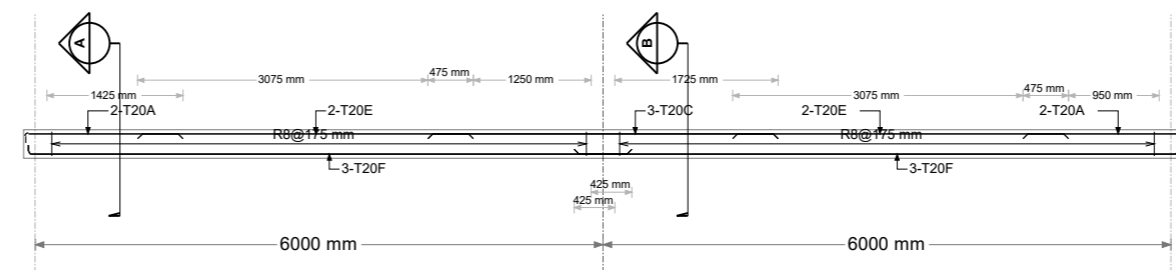
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Scales
AS SHOWN

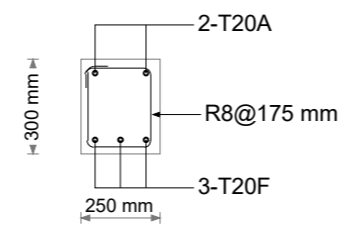
Layout ID. _____ Revision _____
A02-4



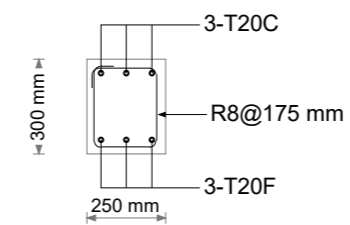
Concrete Beam Layout - Story2 (EL. 6000 mm)
(Scale = 1:75)



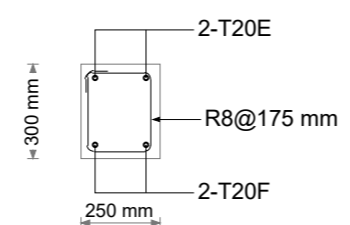
2CB2:Elevation
(Scale = 1:40)



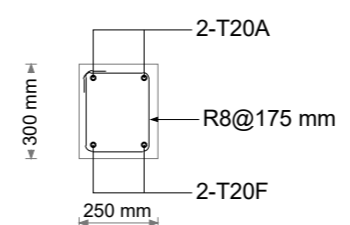
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(Scale = 1:15)



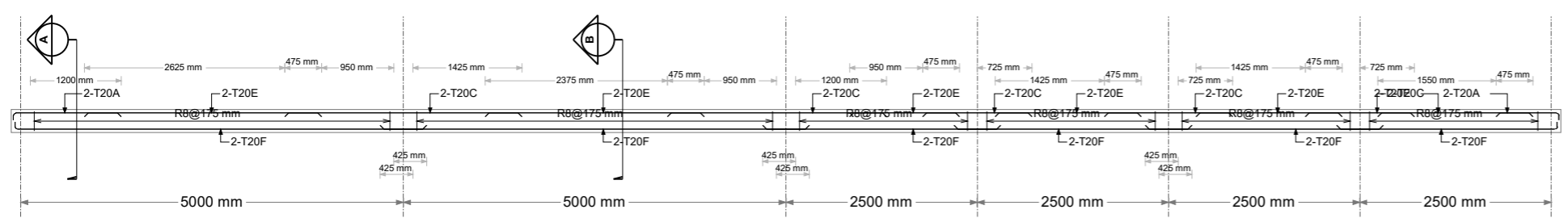
2CB2:Section B
(Scale = 1:15)



2CB1:Section B
(Scale = 1:15)



2CB1:Section A
(Scale = 1:15)



2CB1:Elevation
(Scale = 1:40)

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DRAWING TITLE
RC Frame layout, Elevations and Sections

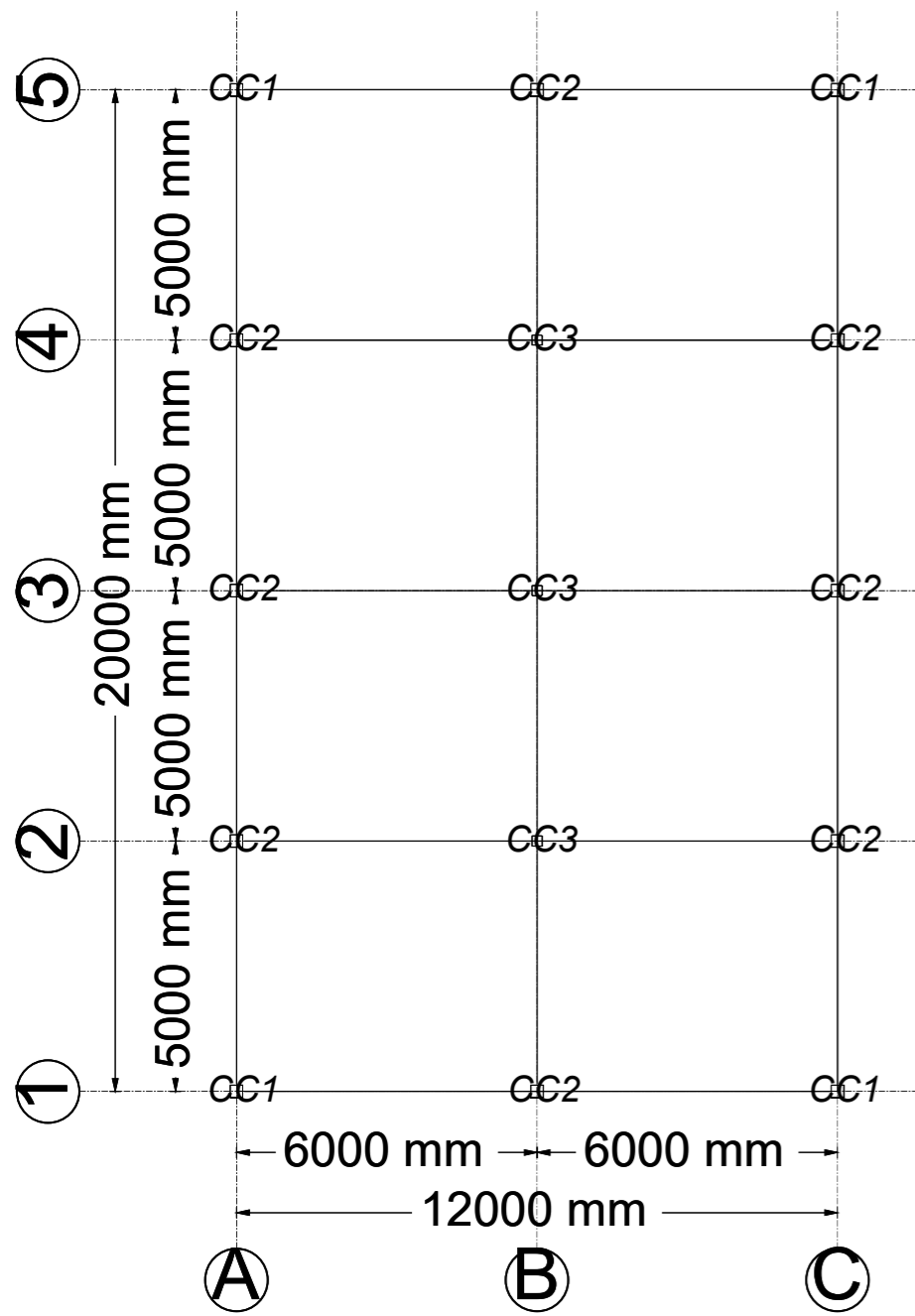
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LADDER ENGINEERING

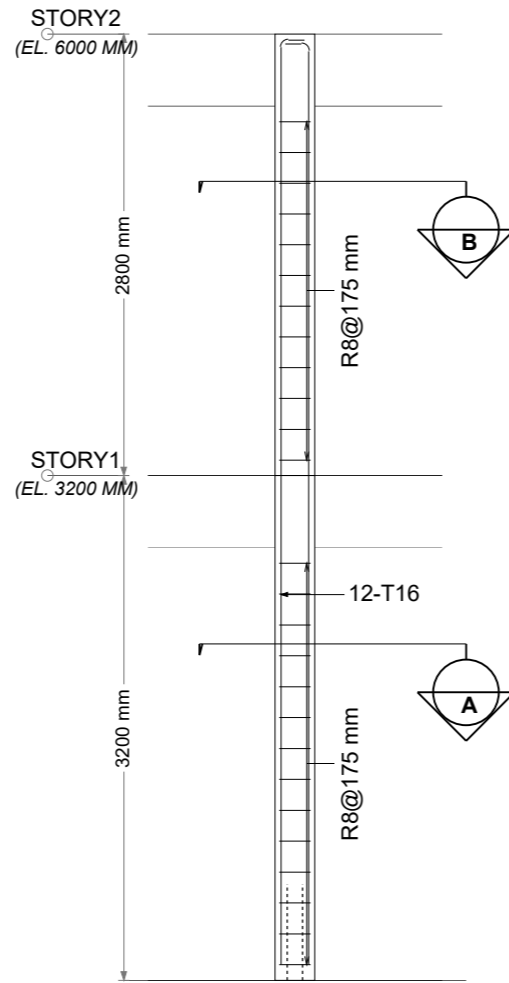
CHECKED & APPROVED BY _____ Date _____

Scales
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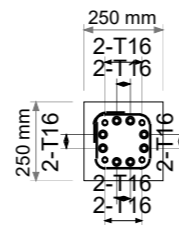
Layout ID. **A02-5** Revision _____



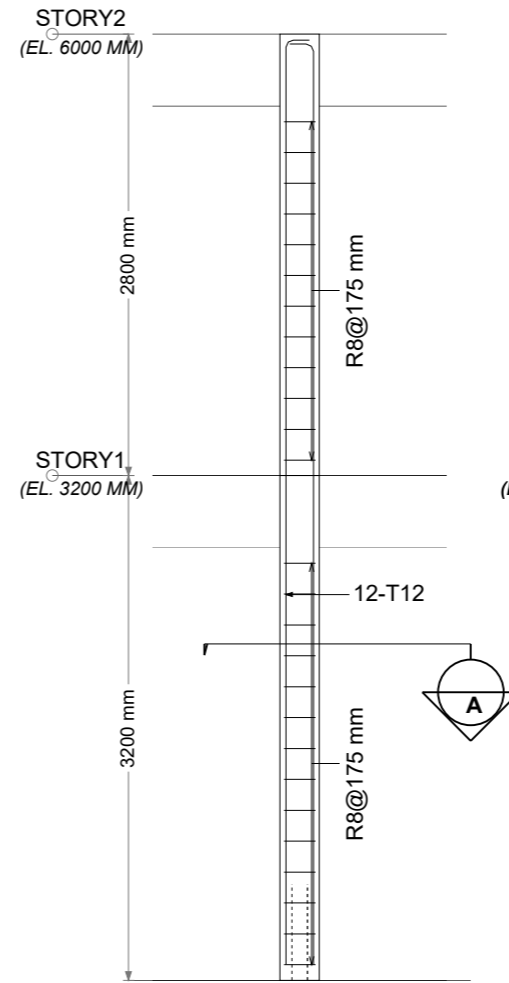
Concrete Column Layout - Base (EL. 0 mm)
(Scale = 1:75)



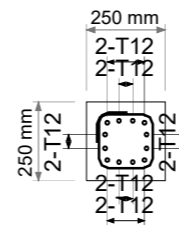
CC1:Elevation
(Scale = 1:25)



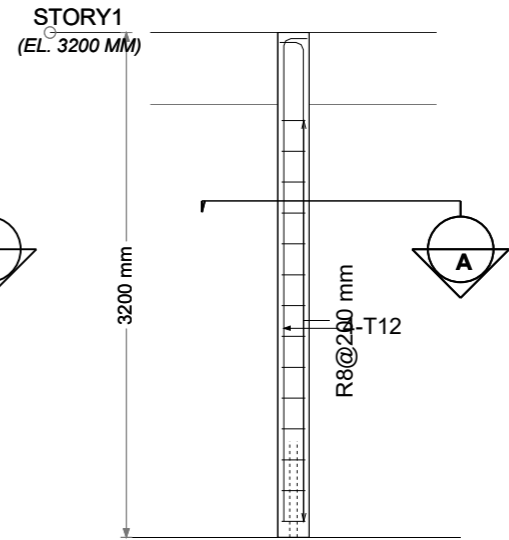
CC1:Section B
(Scale = 1:15)



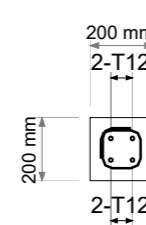
CC2:Elevation
(Scale = 1:25)



CC2:Section A
(Scale = 1:15)



CC3:Elevation
(Scale = 1:25)



CC3:Section A
(Scale = 1:15)

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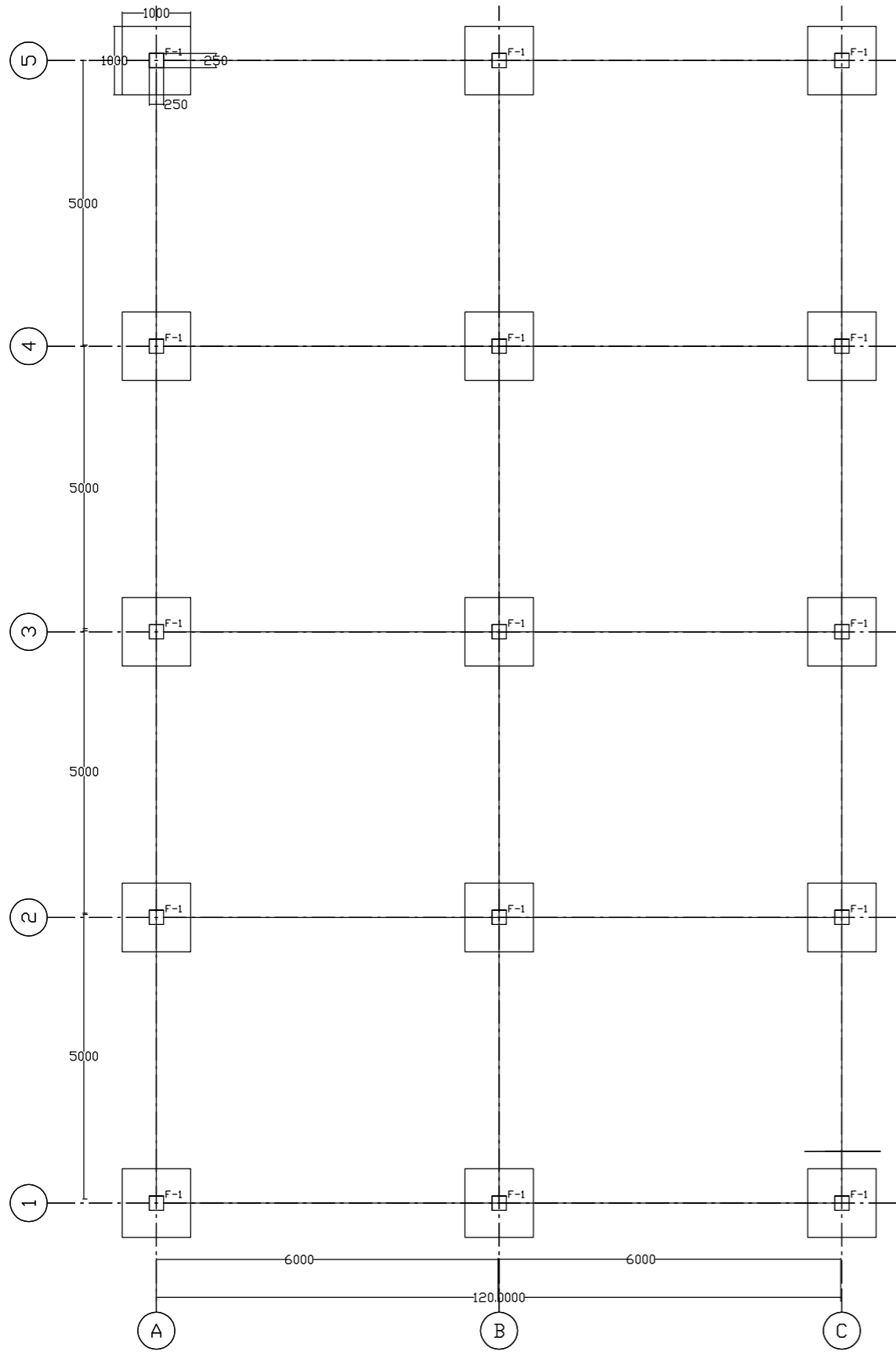
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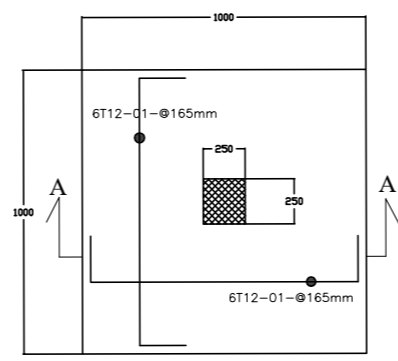
Scales
AS SHOWN

Layout ID. **A02-6** Revision _____

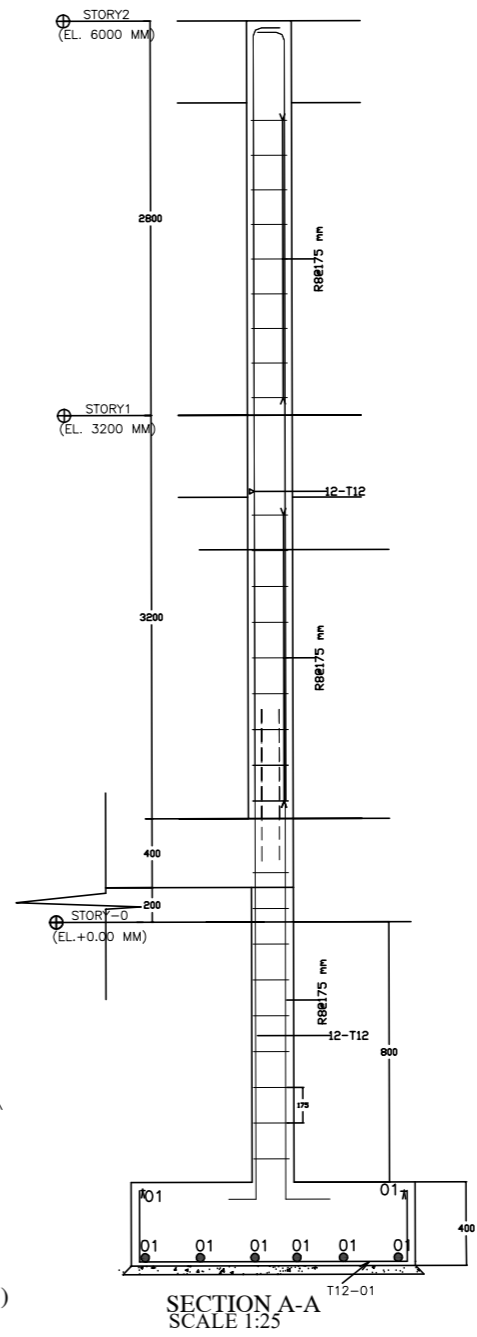


Isolated Footing Layout - Base (EL. -1200mm)
(Scale 1:100)

2



ISOLATED FOOTING F-1 (15- PCS)
SCALE 1 : 25



SECTION A-A
SCALE 1:25

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FRUIT PROCESSING UNIT

LOCATION
MARIDI, MARIDI COUNTY, WESTEQUATORIA, 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 _____
A02-7