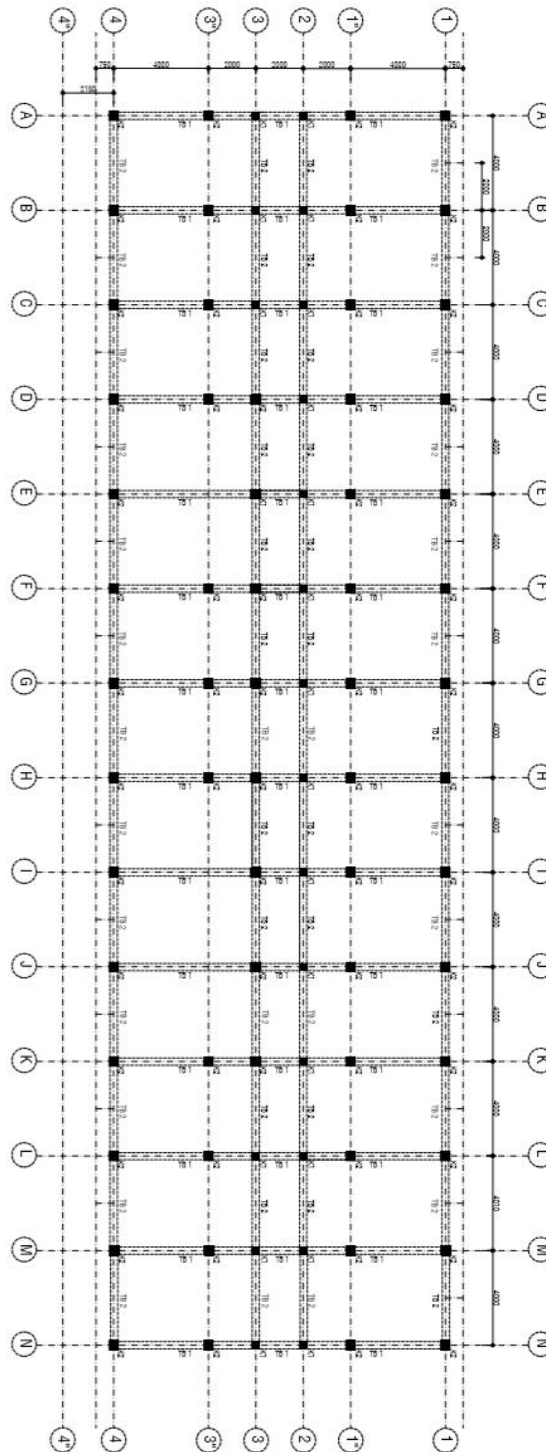


LAMPIRAN

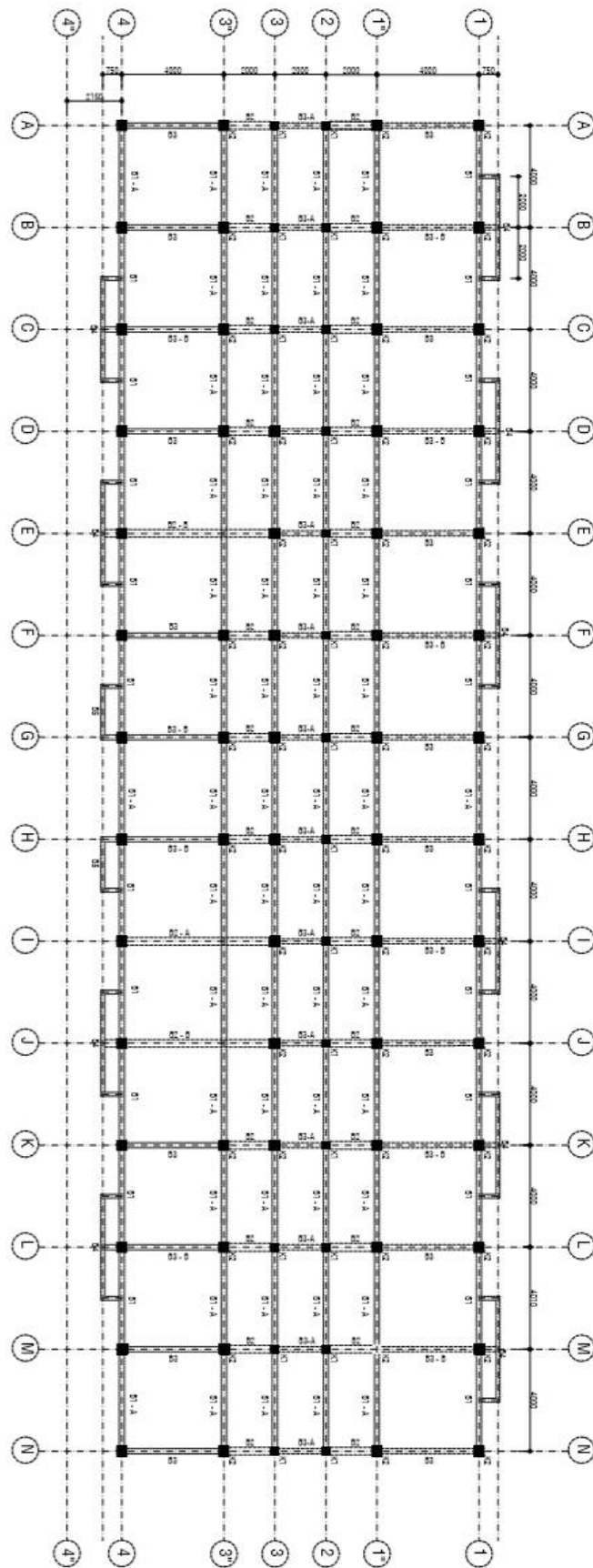
LAMPIRAN A

DENAH DED STRUKTUR DAN ARSITEKTUR ASRAMA ITERA

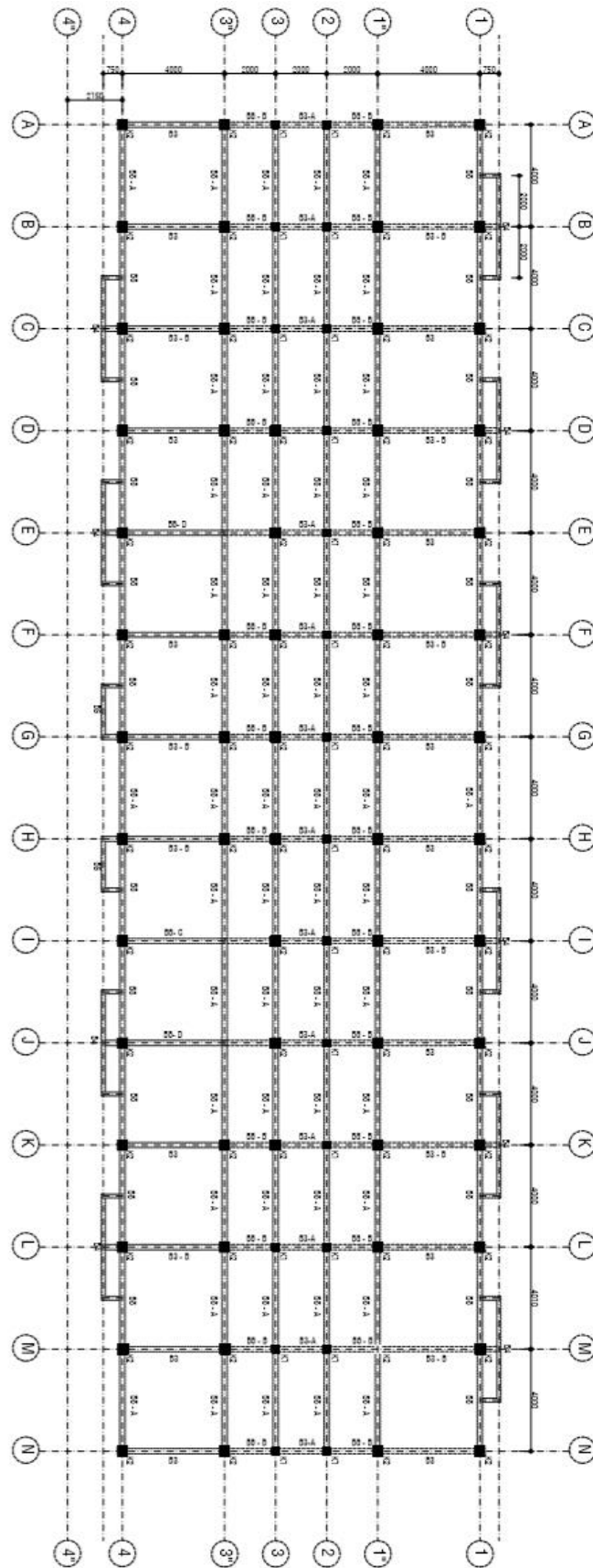


Gambar A.1. Denah Struktur Lantai 1

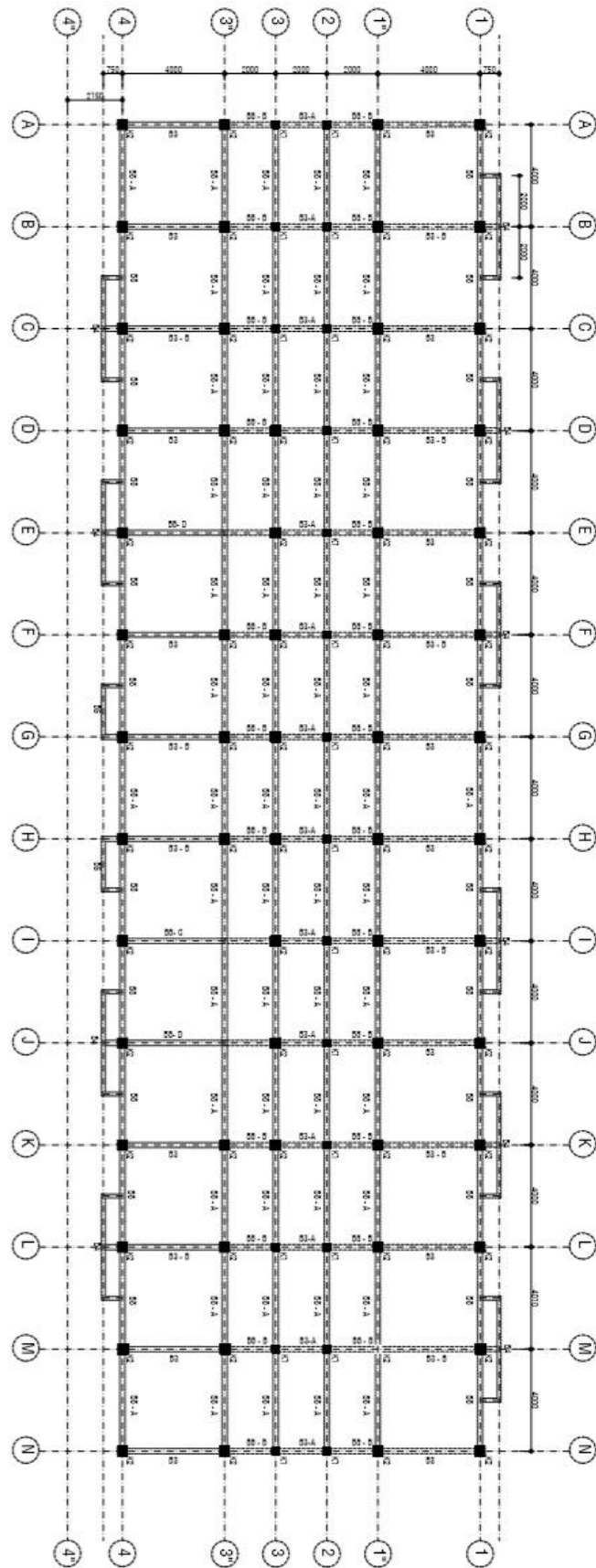




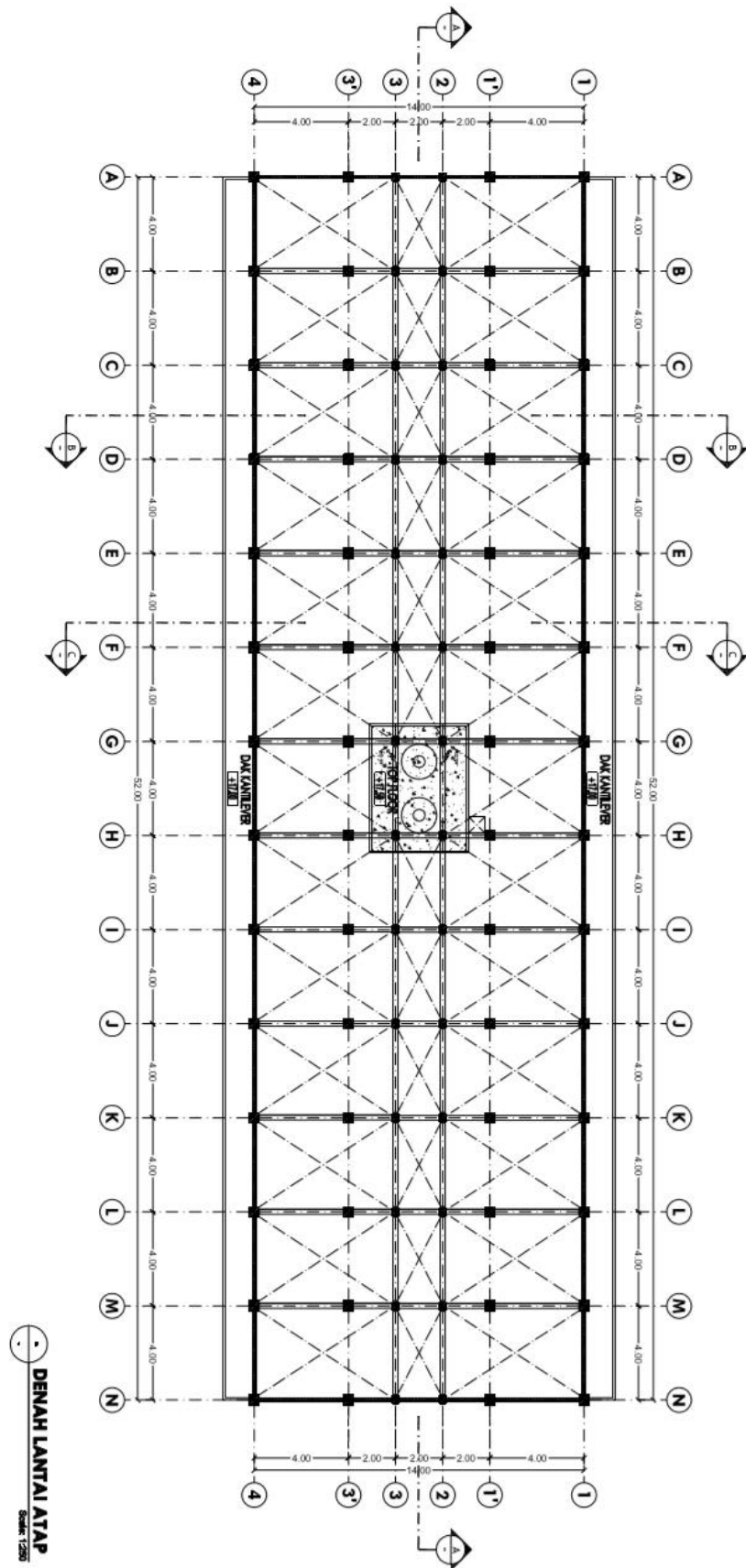
Gambar A.3. Denah Struktur Lantai 3



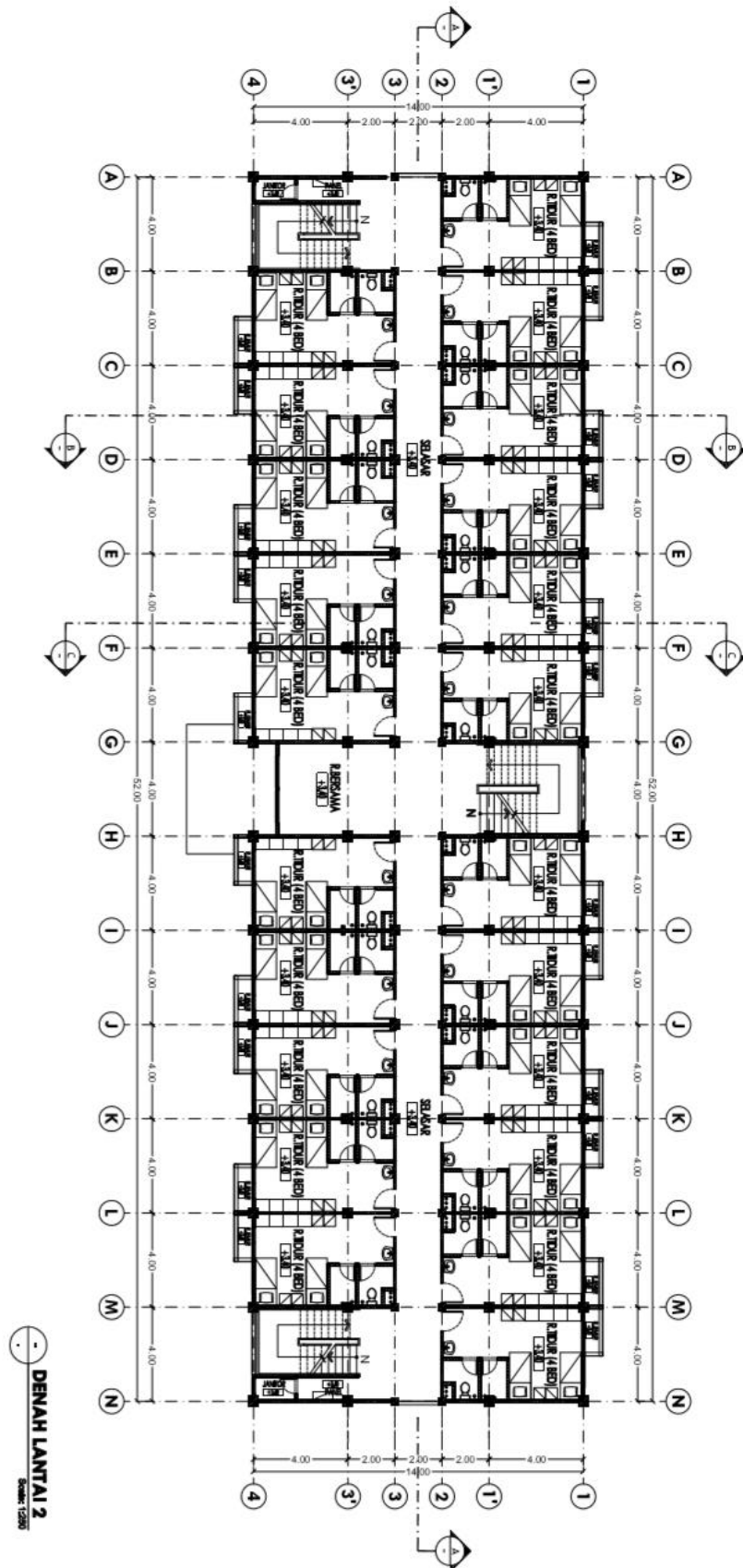
Gambar A.4. Denah Struktur Lantai 4



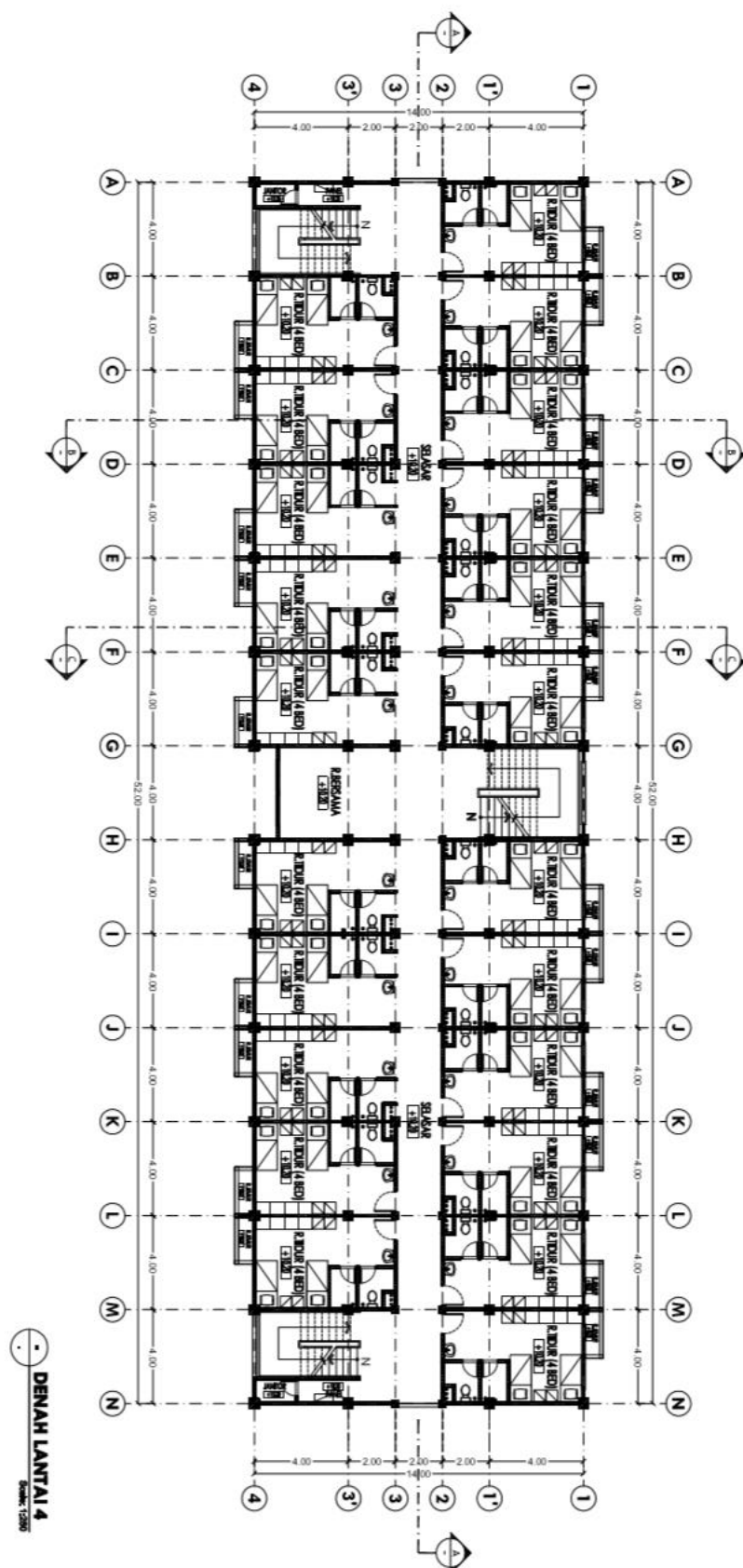
Gambar A.5. Denah Struktur Lantai 5



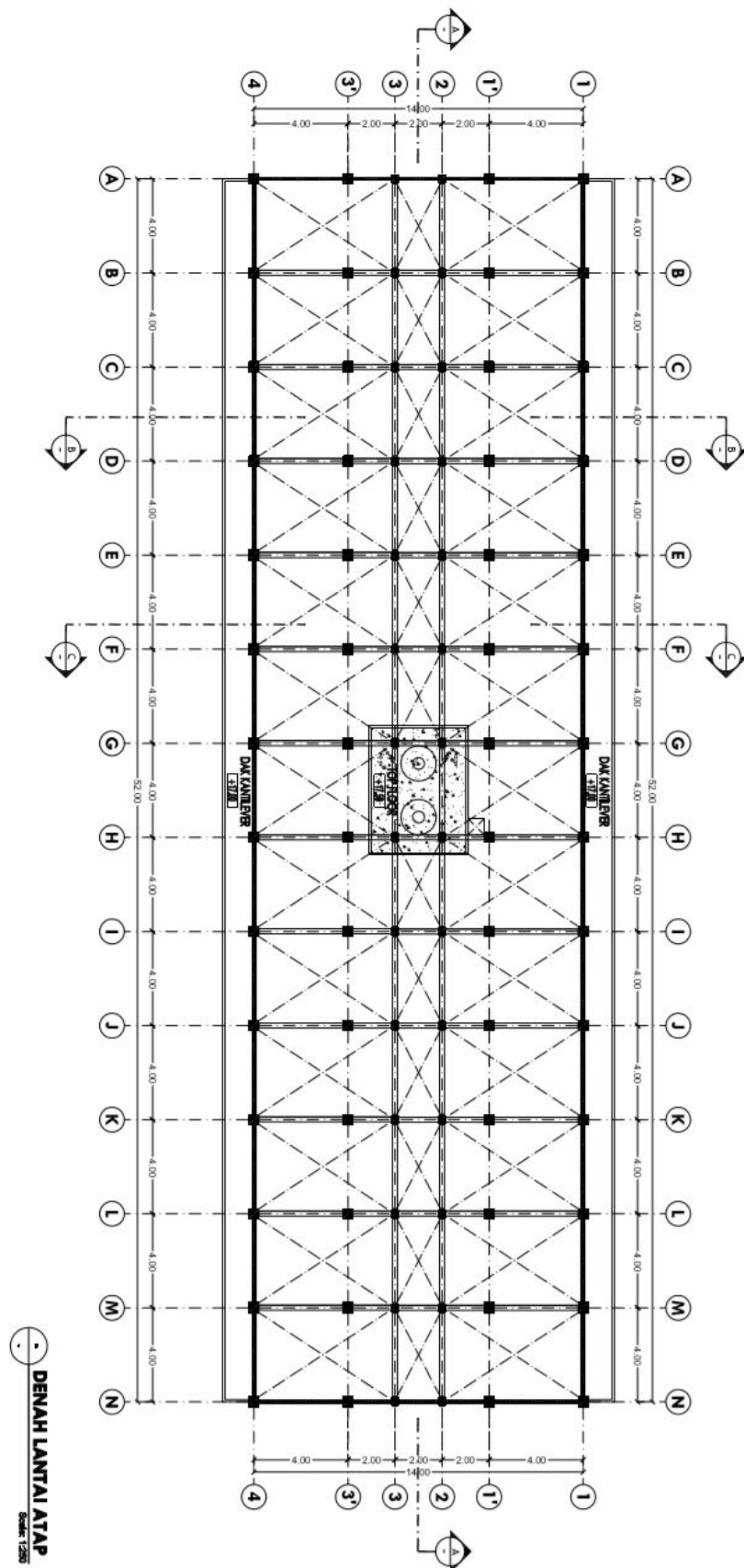
Gambar A.6. Denah Struktur Lantai Atap



Gambar A.8 Denah Arsitektur Lantai 2



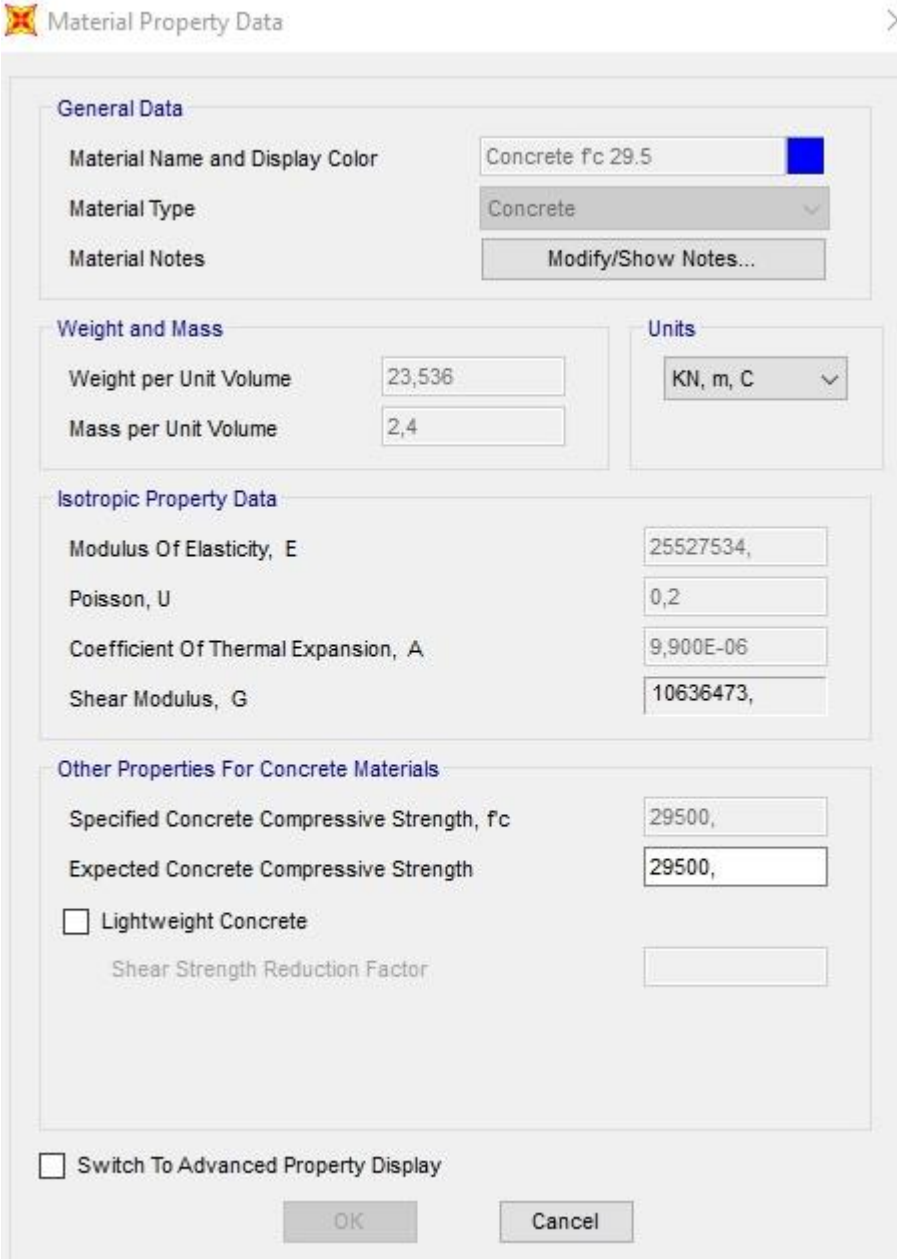
Gambar A.10. Denah Arsitektur Lantai 4



Gambar A.12. Denah Arsitektur Lantai Atap

LAMPIRAN B

MUTU BETON DAN TULANGAN YANG DIGUNAKAN



Material Property Data

General Data

Material Name and Display Color: Concrete f'c 29.5

Material Type: Concrete

Material Notes: Modify/Show Notes...

Weight and Mass

Weight per Unit Volume: 23,536

Mass per Unit Volume: 2,4

Units

KN, m, C

Isotropic Property Data

Modulus Of Elasticity, E: 25527534,

Poisson, U: 0,2

Coefficient Of Thermal Expansion, A: 9,900E-06

Shear Modulus, G: 10636473,

Other Properties For Concrete Materials

Specified Concrete Compressive Strength, f'c: 29500,

Expected Concrete Compressive Strength: 29500,

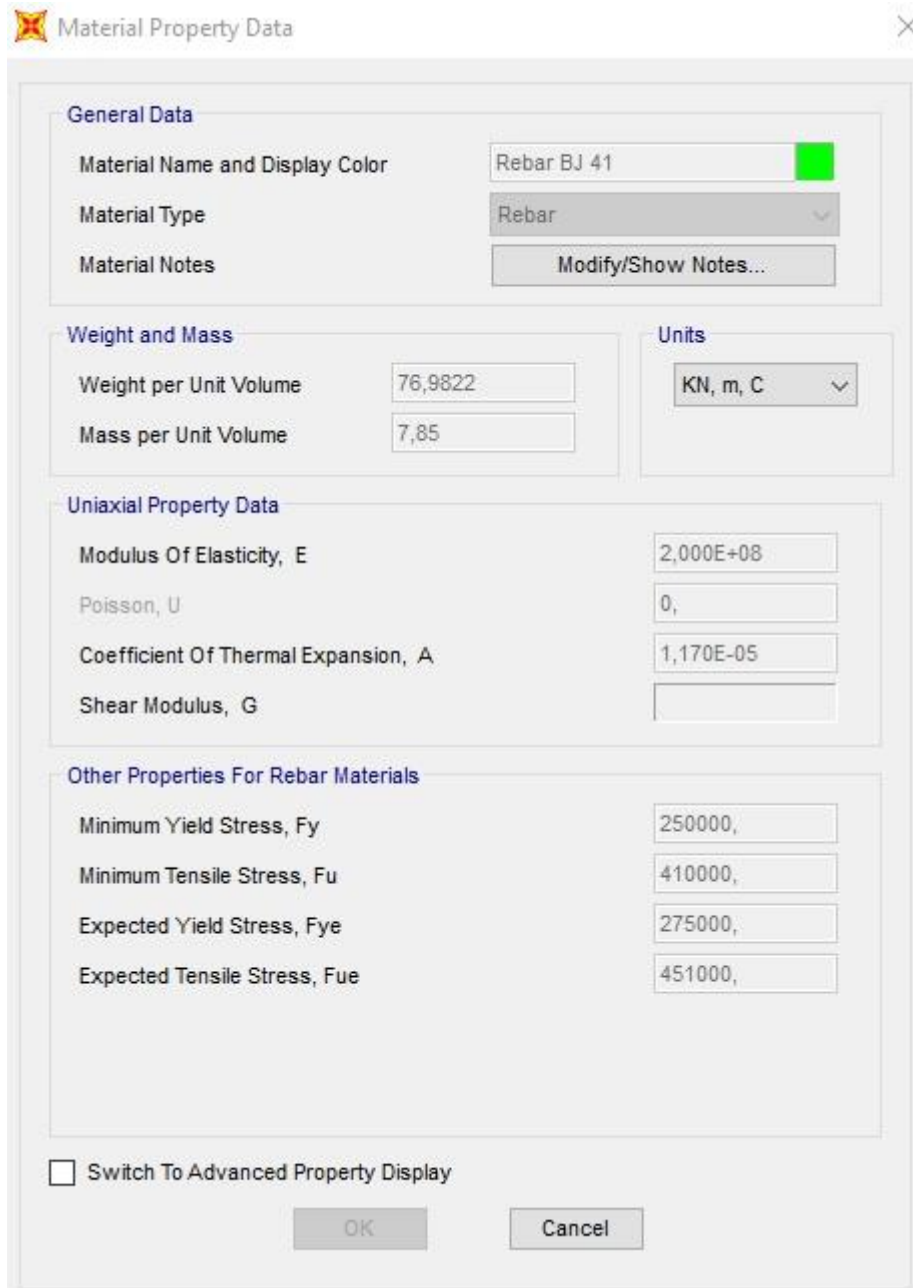
☐ Lightweight Concrete

Shear Strength Reduction Factor:

☐ Switch To Advanced Property Display

OK Cancel

Gambar B.1. Mutu Beton f'_c 29,5 MPa



The image shows a software dialog box titled "Material Property Data". It contains several sections for defining material properties for "Rebar BJ 41".

General Data:

- Material Name and Display Color: Rebar BJ 41 (with a green color swatch)
- Material Type: Rebar (dropdown menu)
- Material Notes: Modify/Show Notes... (button)

Weight and Mass:

- Weight per Unit Volume: 76,9822
- Mass per Unit Volume: 7,85

Units:

- KN, m, C (dropdown menu)

Uniaxial Property Data:

- Modulus Of Elasticity, E: 2,000E+08
- Poisson, U: 0,
- Coefficient Of Thermal Expansion, A: 1,170E-05
- Shear Modulus, G: (empty field)

Other Properties For Rebar Materials:

- Minimum Yield Stress, Fy: 250000,
- Minimum Tensile Stress, Fu: 410000,
- Expected Yield Stress, Fye: 275000,
- Expected Tensile Stress, Fue: 451000,

At the bottom, there is a checkbox labeled "Switch To Advanced Property Display" which is currently unchecked. Below this are "OK" and "Cancel" buttons.

Gambar B.2. Mutu Tulangan BJ41

LAMPIRAN C

DIMENSI STRUKTUR BETON

Rectangular Section

Section Name: Balok 500x300

Section Notes: [Modify/Show Notes...](#)

Display Color: ■

Dimensions

Depth (t3): 0,5

Width (t2): 0,3

Section

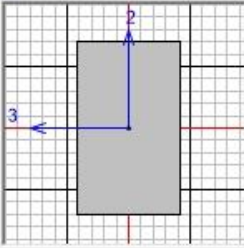
Material: [+](#) Concrete f'c 29.5

Property Modifiers: [Set Modifiers...](#)

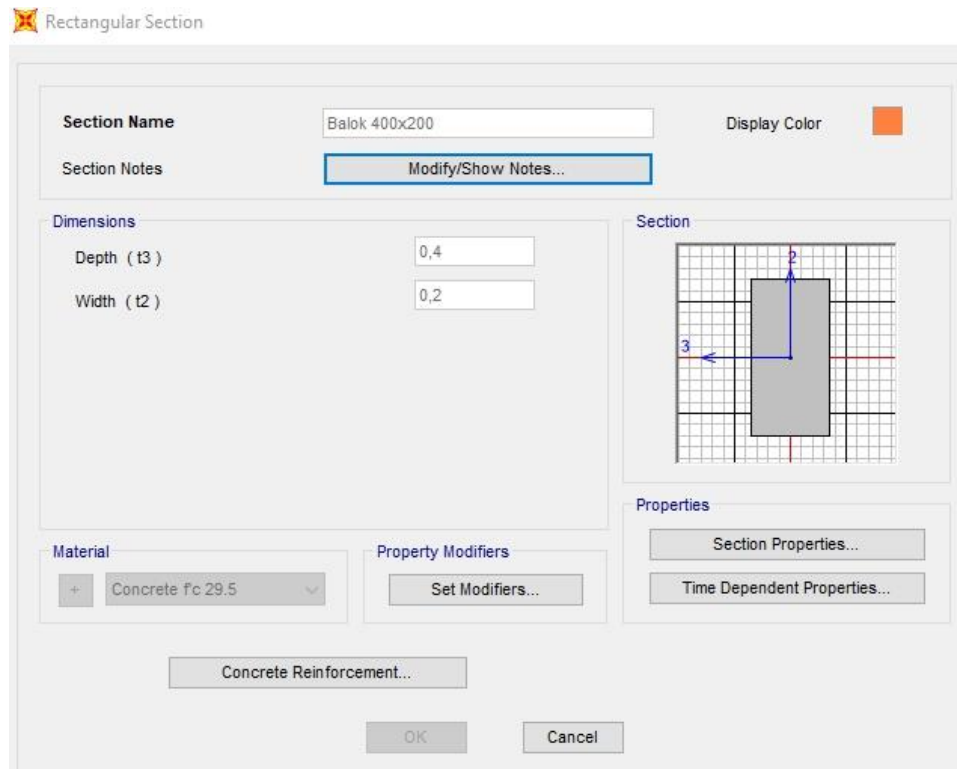
Properties: [Section Properties...](#), [Time Dependent Properties...](#)

[Concrete Reinforcement...](#)

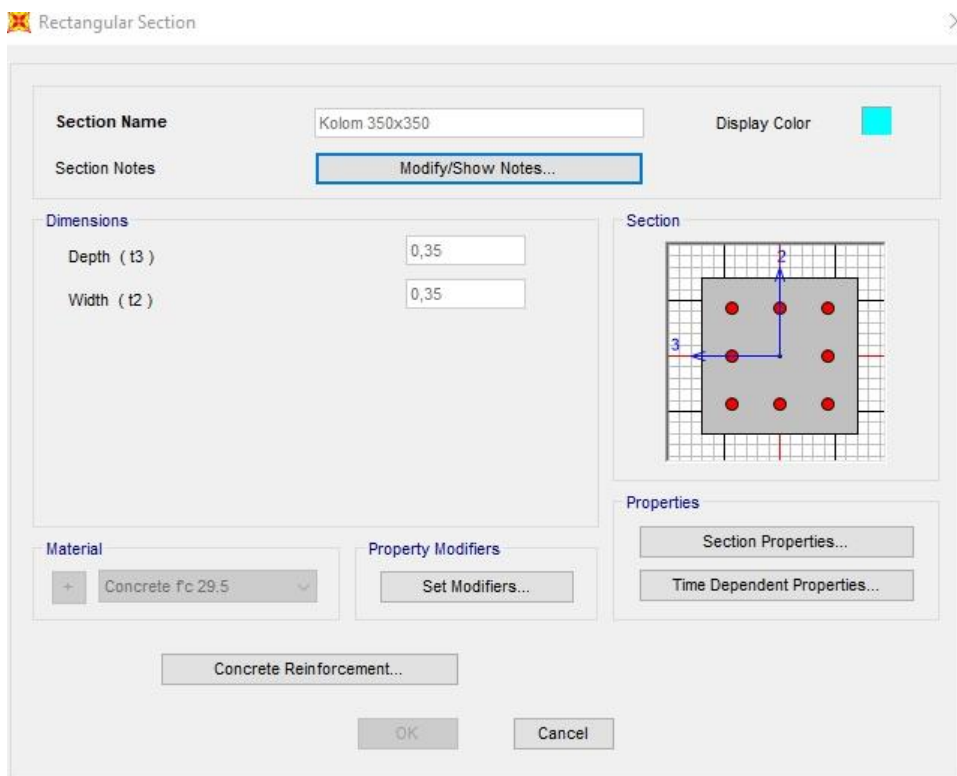
[OK](#) [Cancel](#)



Gambar C.1. Balok 1



Gambar C.2. Balok 2



Gambar C.3. Balok 3

 Rectangular Section

Section Name Balok 350x200 **Display Color** 

Section Notes [Modify/Show Notes...](#)

Dimensions

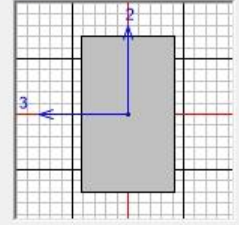
Depth (t3) 0,5

Width (t2) 0,3

Material  Concrete f'c 29.5

Property Modifiers [Set Modifiers...](#)

Section



Properties

[Section Properties...](#)

[Time Dependent Properties...](#)

[Concrete Reinforcement...](#)

[OK](#) [Cancel](#)

Gambar C.4. Balok 4

 Tee Section

Section Name TB 450X300 **Display Color** 

Section Notes [Modify/Show Notes...](#)

Dimensions

Outside stem (t3) 0,45

Outside flange (t2) 0,5

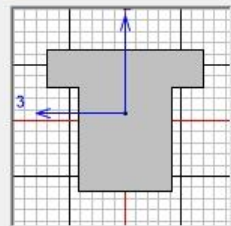
Flange thickness (tf) 0,12

Stem thickness (tw) 0,3

Material  Concrete f'c 29.5

Property Modifiers [Set Modifiers...](#)

Section



Properties

[Section Properties...](#)

[Time Dependent Properties...](#)

[Concrete Reinforcement...](#)

[OK](#) [Cancel](#)

Gambar C.5. Balok 4

Tee Section

Section Name: TB 400X250 Display Color:

Section Notes: [Modify/Show Notes...](#)

Dimensions

Outside stem (t3) : 0,4

Outside flange (t2) : 0,4

Flange thickness (tf) : 0,12

Stem thickness (tw) : 0,25

Material

+ Concrete Fc 29,5

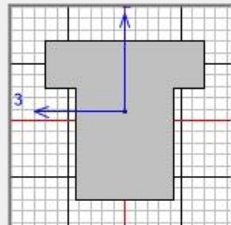
Property Modifiers

[Set Modifiers...](#)

[Concrete Reinforcement...](#)

[OK](#) [Cancel](#)

Section



Properties

[Section Properties...](#)

[Time Dependent Properties...](#)

Gambar C.6. Balok 4

Rectangular Section

Section Name: Kolom 450x450 Display Color:

Section Notes: [Modify/Show Notes...](#)

Dimensions

Depth (t3) : 0,45

Width (t2) : 0,45

Material

+ Concrete Fc 29,5

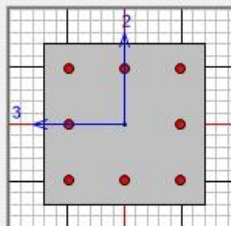
Property Modifiers

[Set Modifiers...](#)

[Concrete Reinforcement...](#)

[OK](#) [Cancel](#)

Section



Properties

[Section Properties...](#)

[Time Dependent Properties...](#)

Gambar C.7. Kolom 1

Rectangular Section

Section Name: Kolom 425x425 Display Color: ■

Section Notes: [Modify/Show Notes...](#)

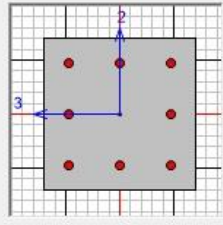
Dimensions

Depth (t3): 0,425

Width (t2): 0,425

Material: + Concrete f_c 29.5 ▼

Property Modifiers: [Set Modifiers...](#)

Section: 

Properties: [Section Properties...](#) [Time Dependent Properties...](#)

[Concrete Reinforcement...](#)

[OK](#) [Cancel](#)

Gambar C.8. Kolom 2

Rectangular Section

Section Name: Kolom 400x400 Display Color: ■

Section Notes: [Modify/Show Notes...](#)

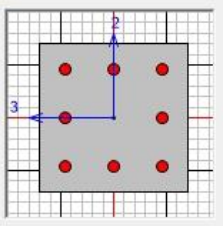
Dimensions

Depth (t3): 0,4

Width (t2): 0,4

Material: + Concrete f_c 29.5 ▼

Property Modifiers: [Set Modifiers...](#)

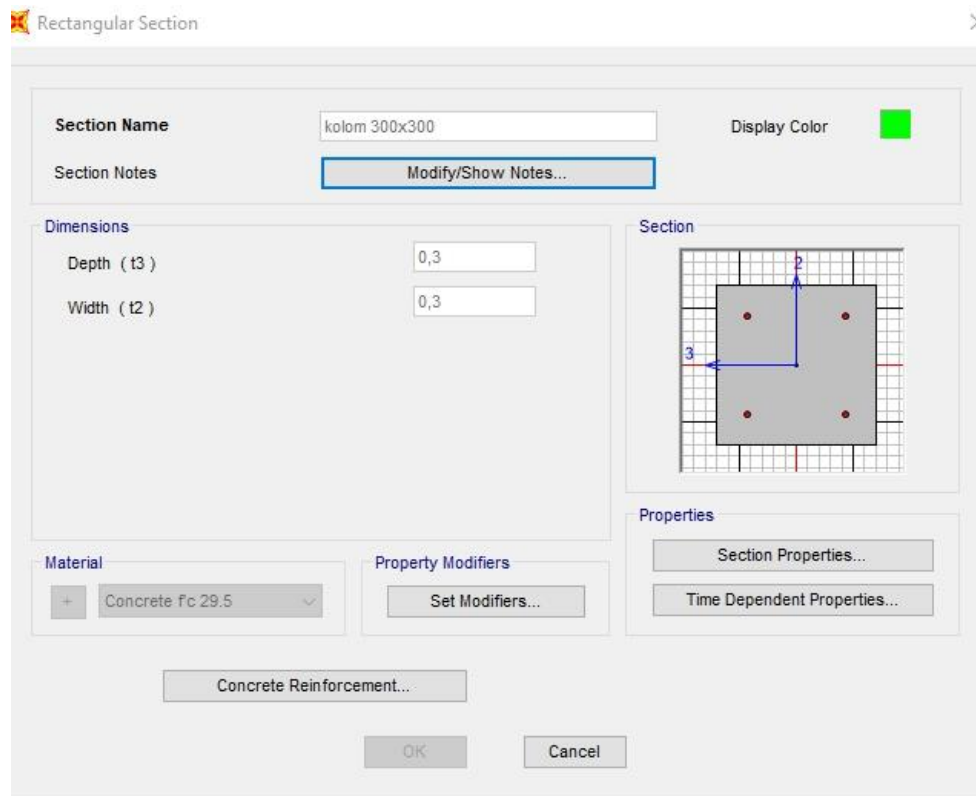
Section: 

Properties: [Section Properties...](#) [Time Dependent Properties...](#)

[Concrete Reinforcement...](#)

[OK](#) [Cancel](#)

Gambar C.9. Kolom 3



The image shows a software dialog box titled "Rectangular Section". It contains several input fields and buttons for defining a rectangular section. At the top, there is a "Section Name" field with the text "kolom 300x300" and a "Display Color" field with a green square. Below these is a "Section Notes" field with a "Modify/Show Notes..." button. The "Dimensions" section has "Depth (t3)" and "Width (t2)" fields, both set to "0,3". The "Material" section has a dropdown menu showing "Concrete f_c 29.5". The "Property Modifiers" section has a "Set Modifiers..." button. The "Section" section shows a diagram of a square section with four reinforcement bars and dimensions "2" and "3". The "Properties" section has "Section Properties..." and "Time Dependent Properties..." buttons. At the bottom, there is a "Concrete Reinforcement..." button and "OK" and "Cancel" buttons.

Gambar C.10. Kolom 4