

Palestine Polytechnic University
civil and Architecture department
Structural Engineering

AL-Najah National
University Museum

Done by :

Carmel Awad

Muath Abusalameh

Raed Hassouneh

Mohammad Abuhour

Supervisor : **Dr.Nafez Nasreideen**

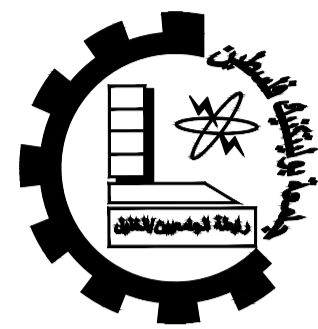
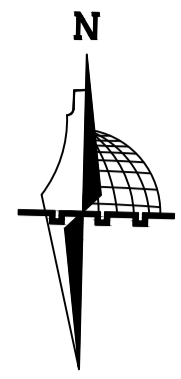
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Archetictural

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Structure

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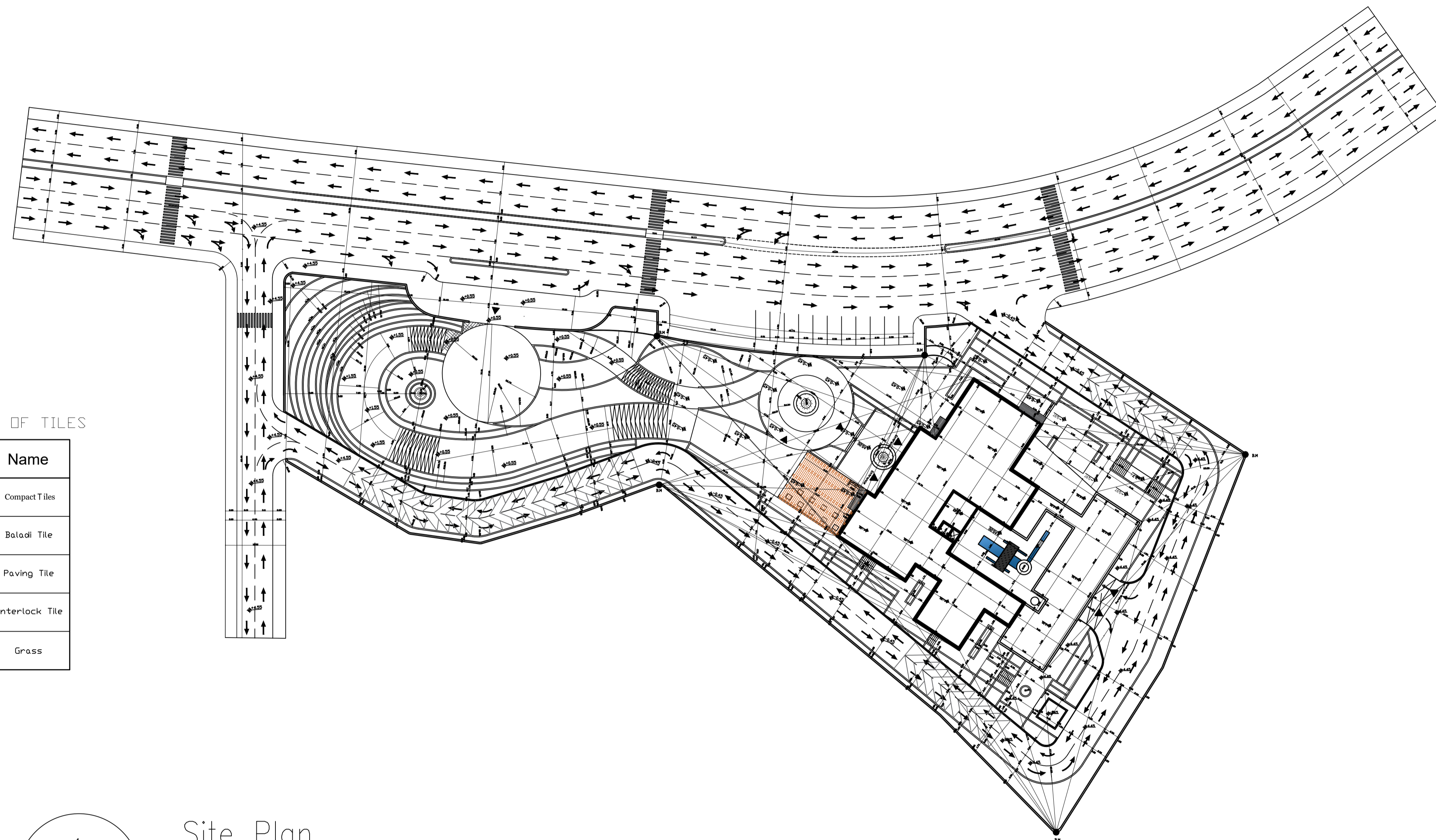
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Site Plan

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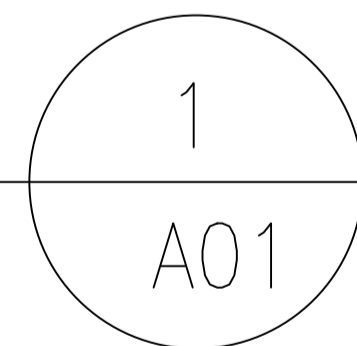
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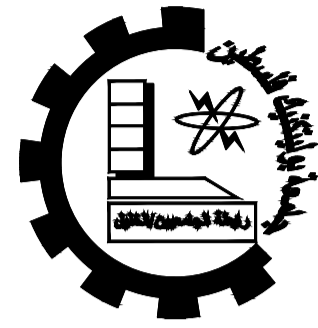
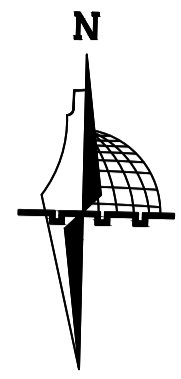
LEGIND OF TILES

| Symbol | Name |
|--------|----------------|
| | Compact Tiles |
| | Bataal Tile |
| | Paving Tile |
| | Interlock Tile |
| | Grass |



Site Plan

Scale : 1-500



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Drawing Title:

Site Plan of plants

Scale : 1-500

Sheet NO : A02

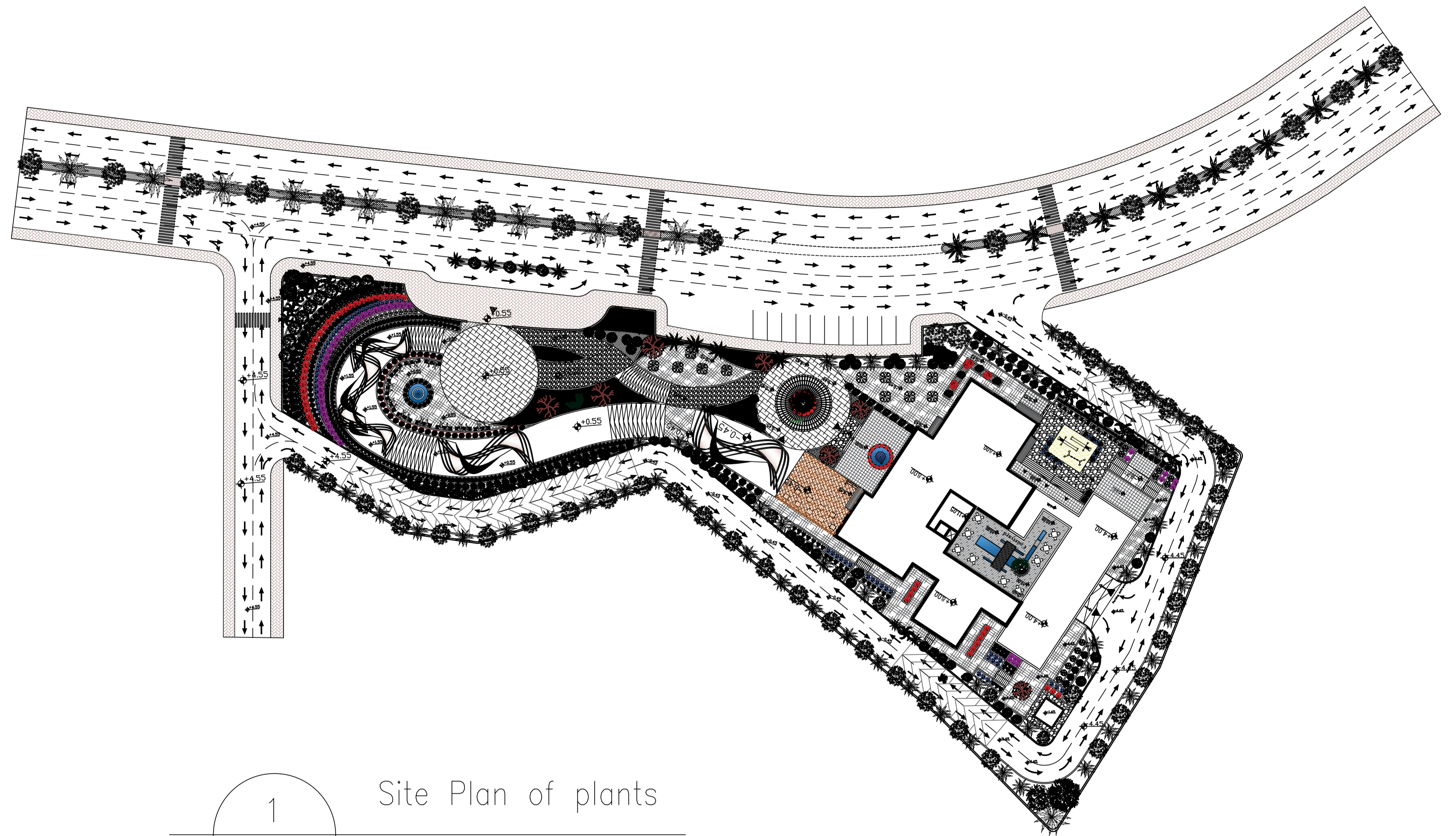
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LEGIND OF PLANTS

| Symbol | Name | Number / Quantity |
|--------|---------------------------|-------------------|
| | Butia capitata | 11 |
| | L'iana del bosque | 67 |
| | Deonix Regia | 2 |
| | Pinus Pinea | 37 |
| | Cyperus ALternifolius | 2 |
| | Citrus limon | 13 |
| | Nerium Oleander | 92 |
| | Cupressus sempervirens L. | 24 |
| | DATURA Innoxia | 3 |
| | Ducus Microphylla | 187 |
| | OLEA EUROPEA L. | 33 |
| | Olea Europaea | 23 |
| | Cestrum Nocturnum | 9 |
| | Quercus calliphoos webb. | 75 |
| | Antirrhinum Major | 36 |
| | Dianthus Barbotus | 93 |
| | Rosales | 42 |
| | Jasinum Sambac Flora | 68 |
| | Petunia | 16 |
| | Pine trees | 63 |
| | PLUMBAGO AURICULATA LAM | 68 |
| | NARCISSUS TAZETTAL. | 37 |
| | Qocuto | 70 |

LEGIND OF TILES

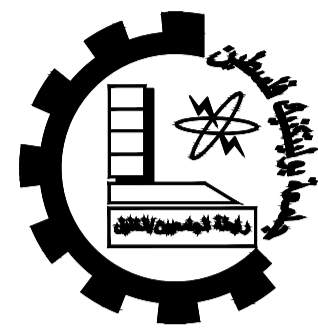
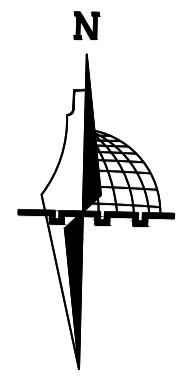
| Symbol | Name |
|--------|----------------|
| | Compact Tiles |
| | Baladi Tile |
| | Paving Tile |
| | Interlock Tile |
| | Grass |



1
A02

Site Plan of plants

Scale : 1-500



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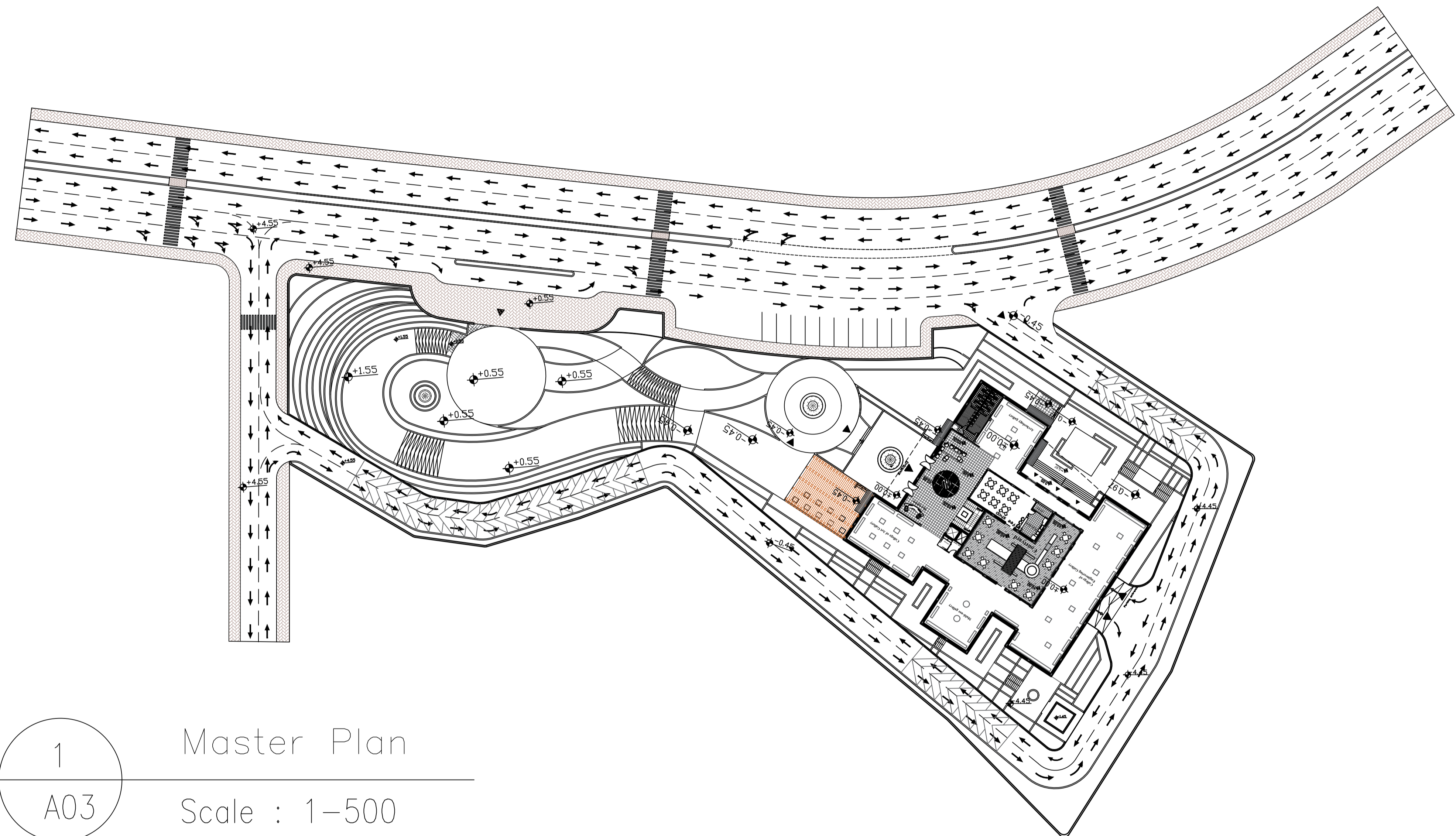
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Drawing Title:
Master Plan

Scale : 1-500

Sheet NO : A03

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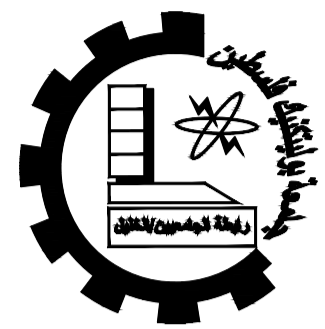
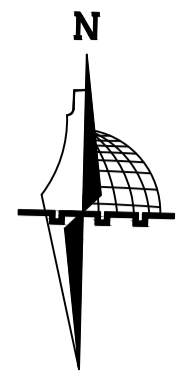


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A03

Master Plan

Scale : 1-500



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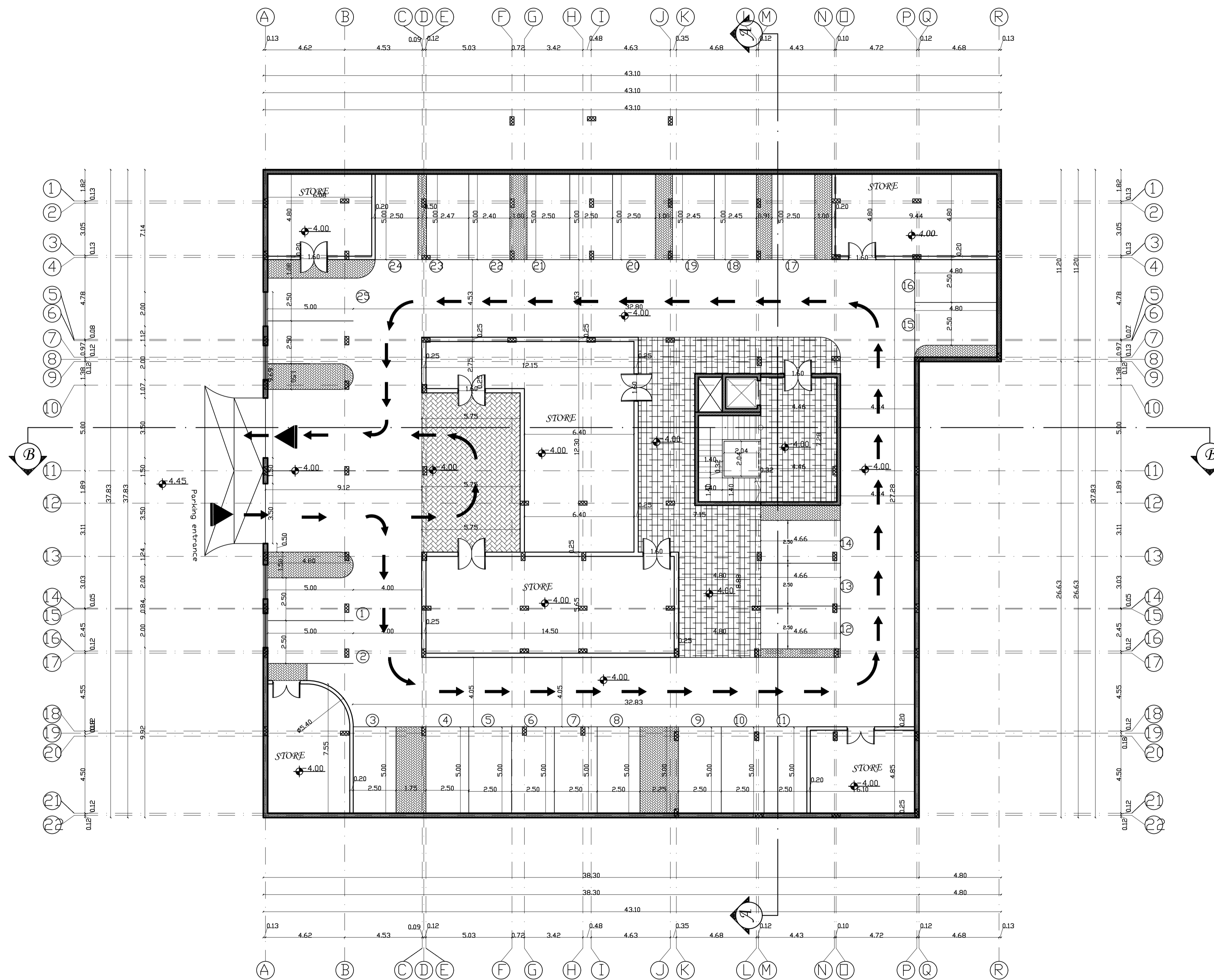
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Drawing Title:
*Basment Plan
Of Dimension*

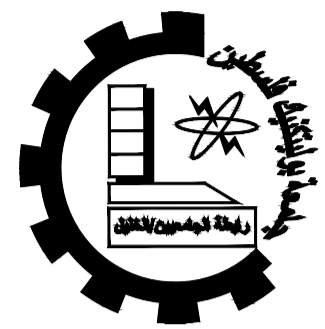
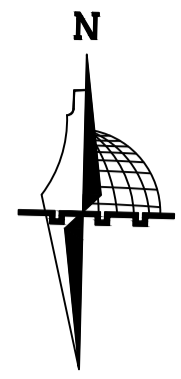
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1 *Basment Plan of Dimension*
A04 Scale : 1-150



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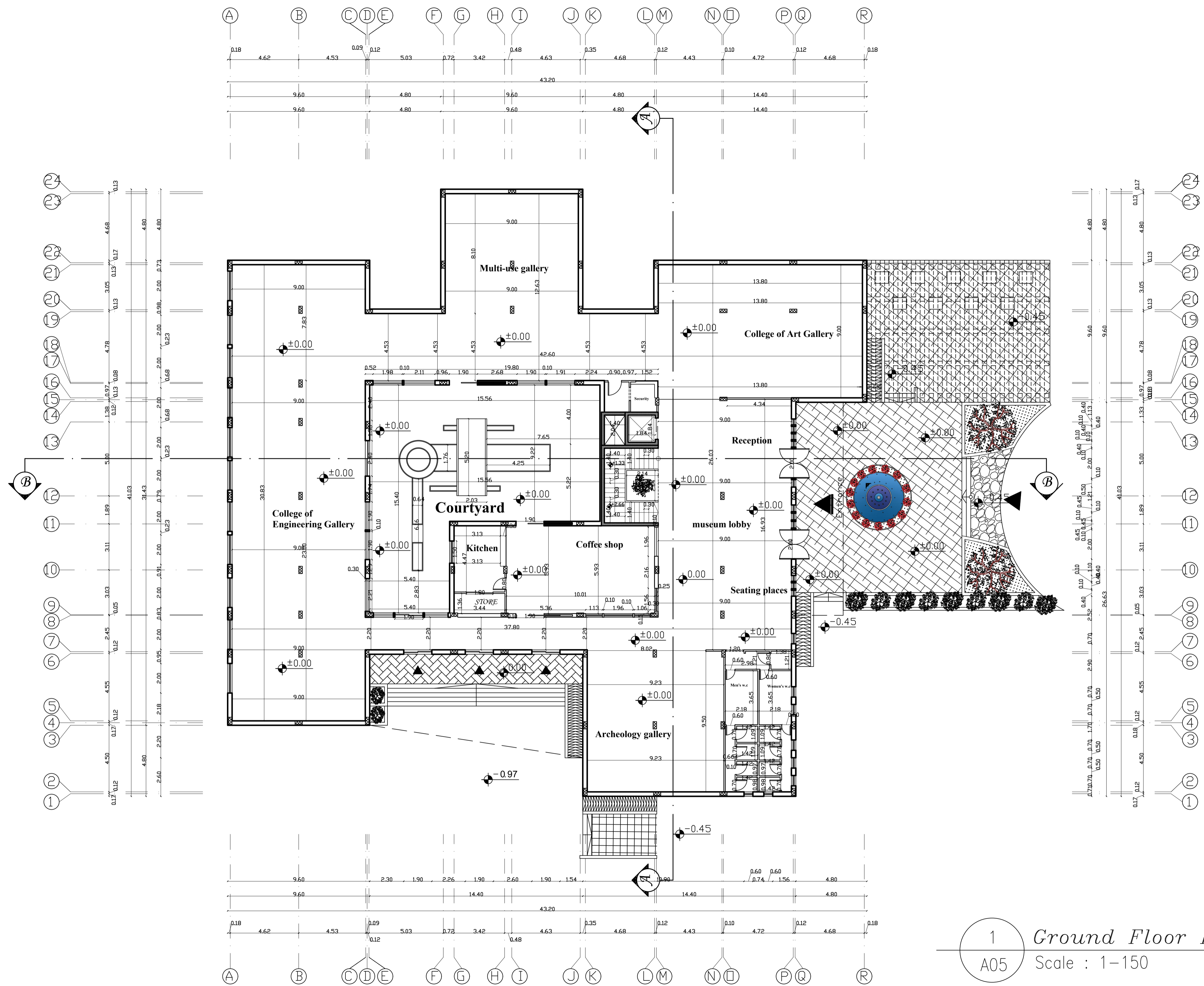
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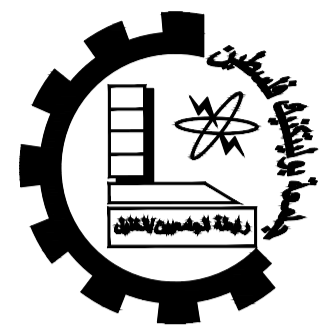
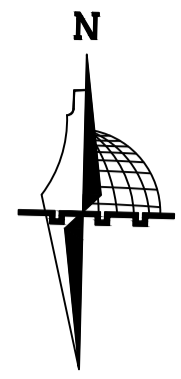
Drawing Title:
Ground Floor Plan
Of Dimension

| | |
|-------------------|-------|
| Scale : | 1/150 |
| Sheet NO : | A05 |

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1 *Ground Floor Plan*
A05 Scale : 1-150



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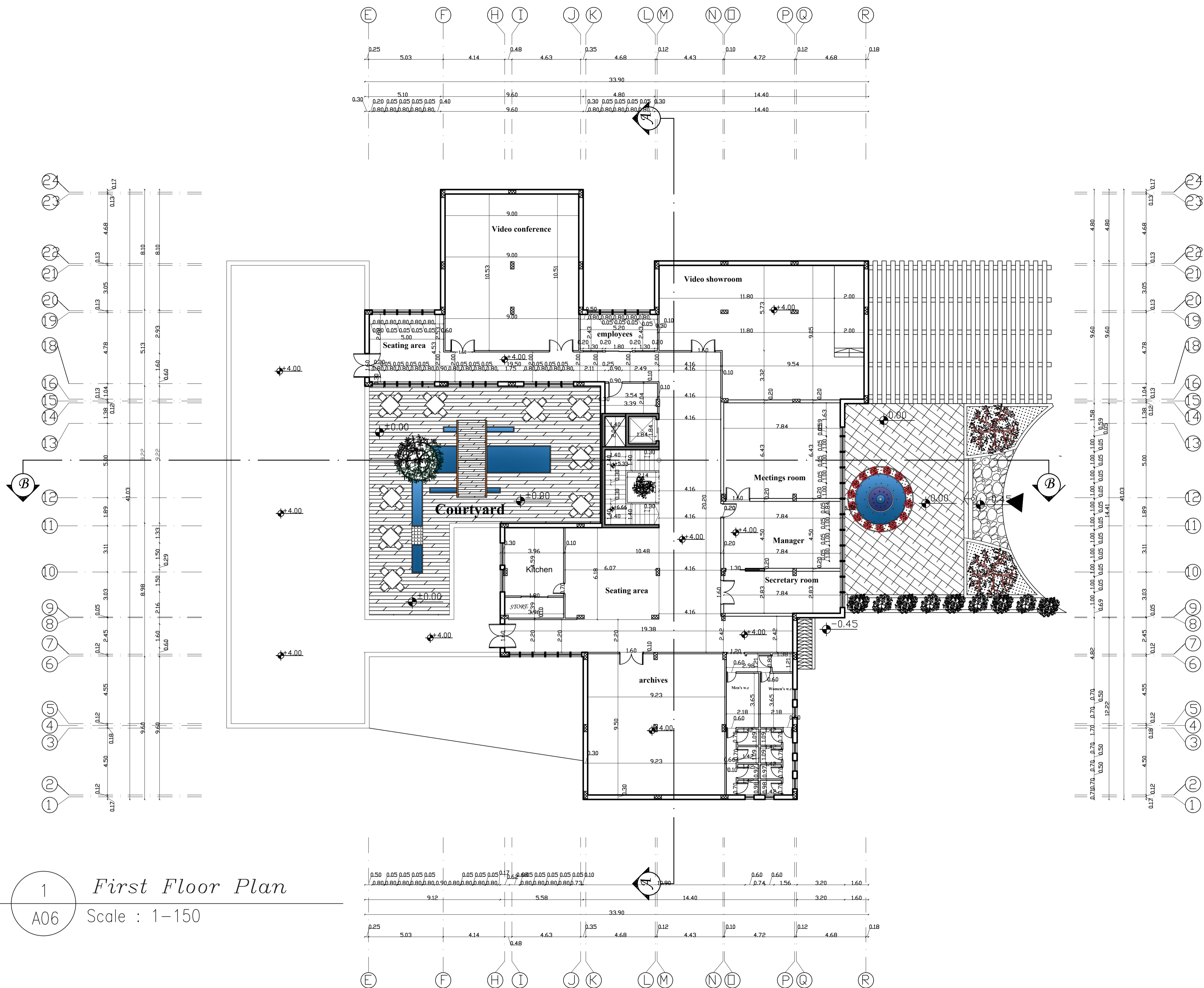
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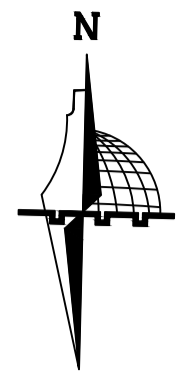
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*First Floor Plan
Of Dimension*

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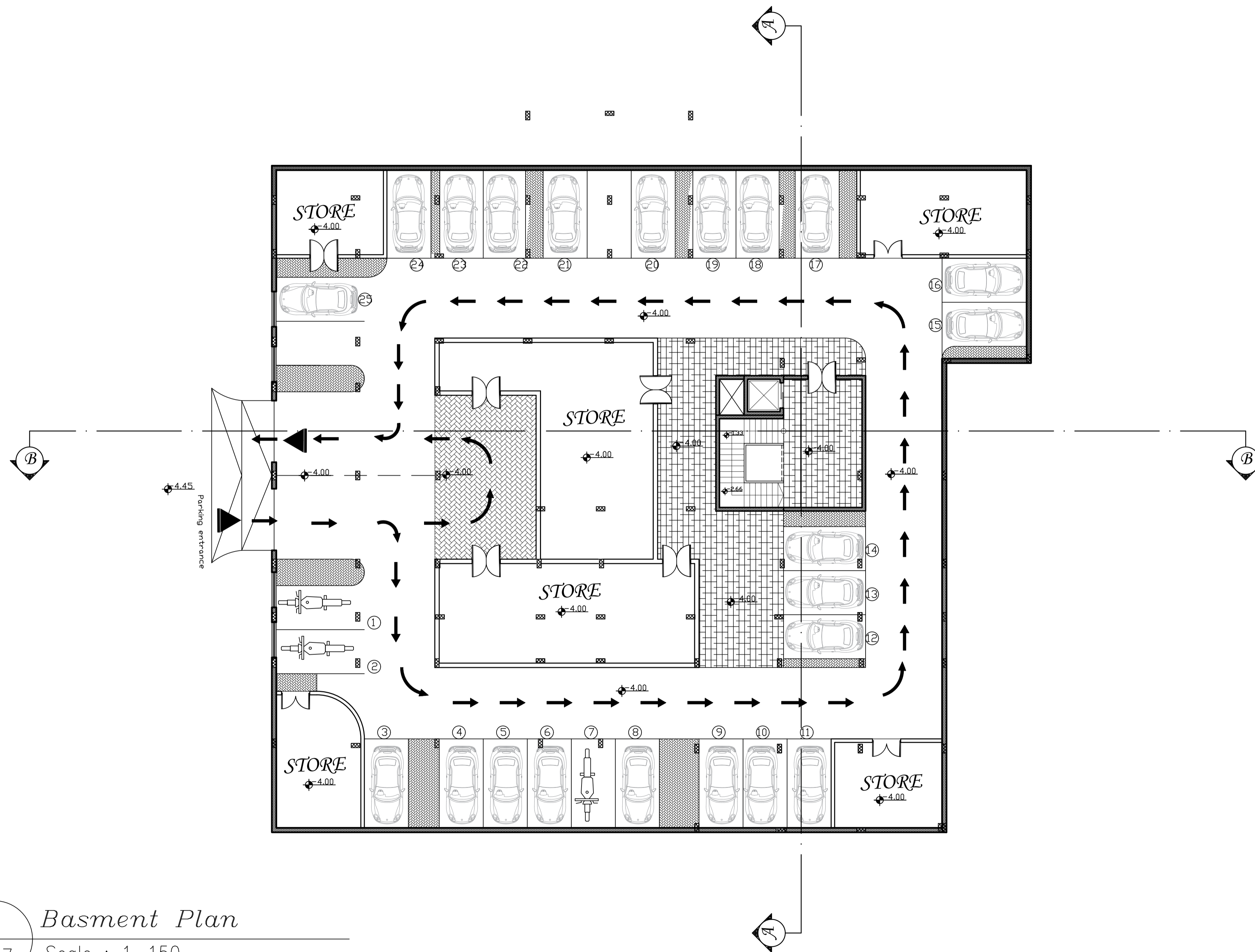
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Drawing Title:
*Basment Plan
Of Furniture*

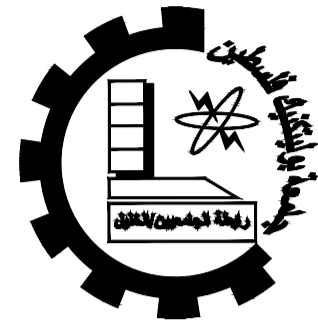
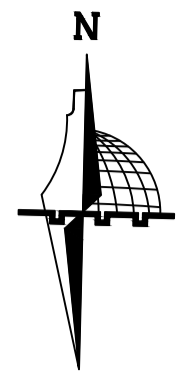
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1 *Basment Plan*
A07 Scale : 1-150



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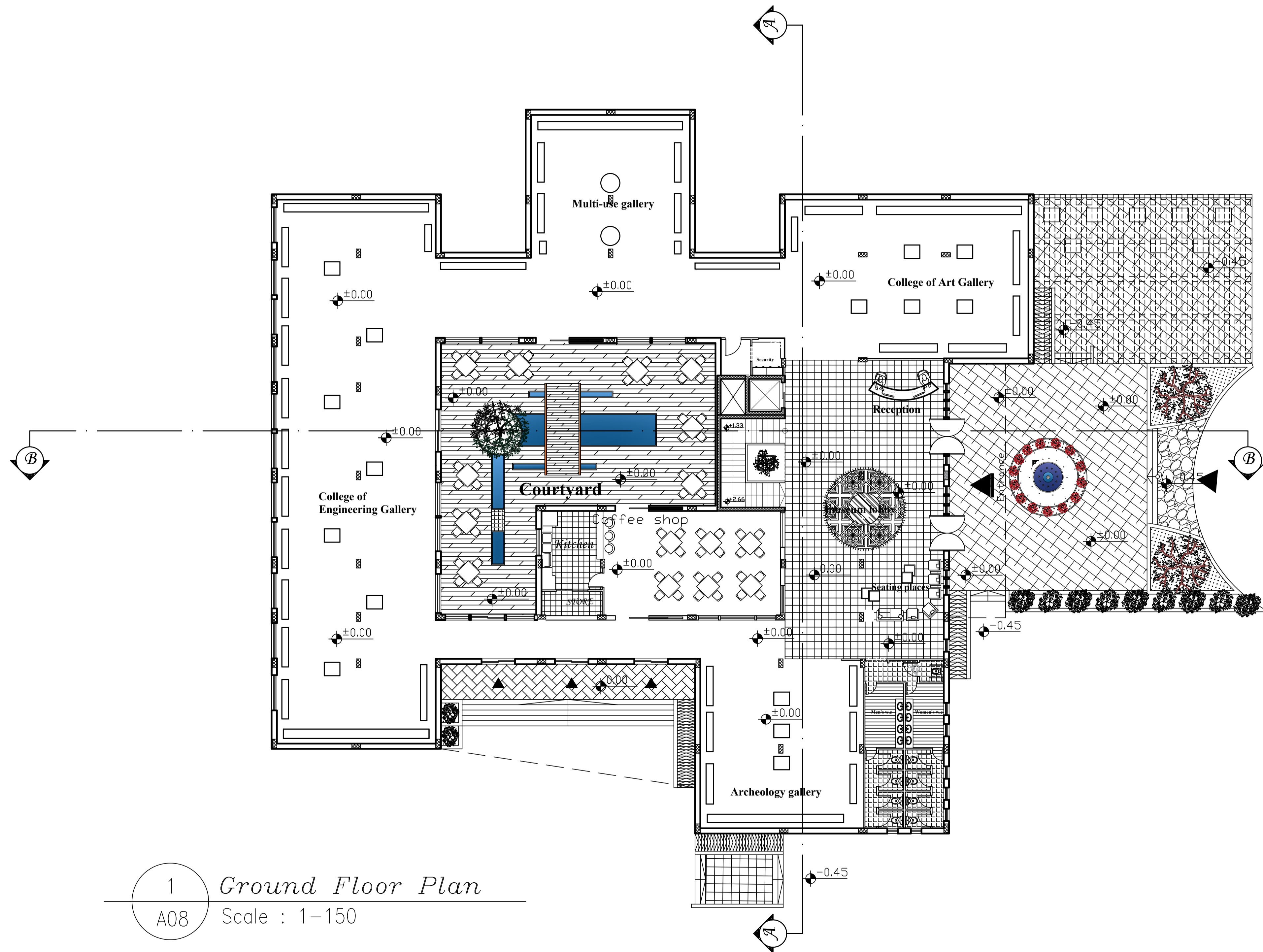
Done By :
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Drawing Title:
*Ground Floor Plan
Of Furniture*

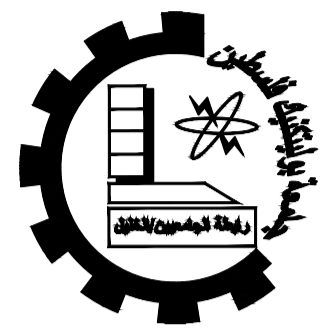
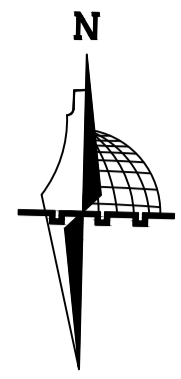
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1 *Ground Floor Plan*
A08 Scale : 1-150



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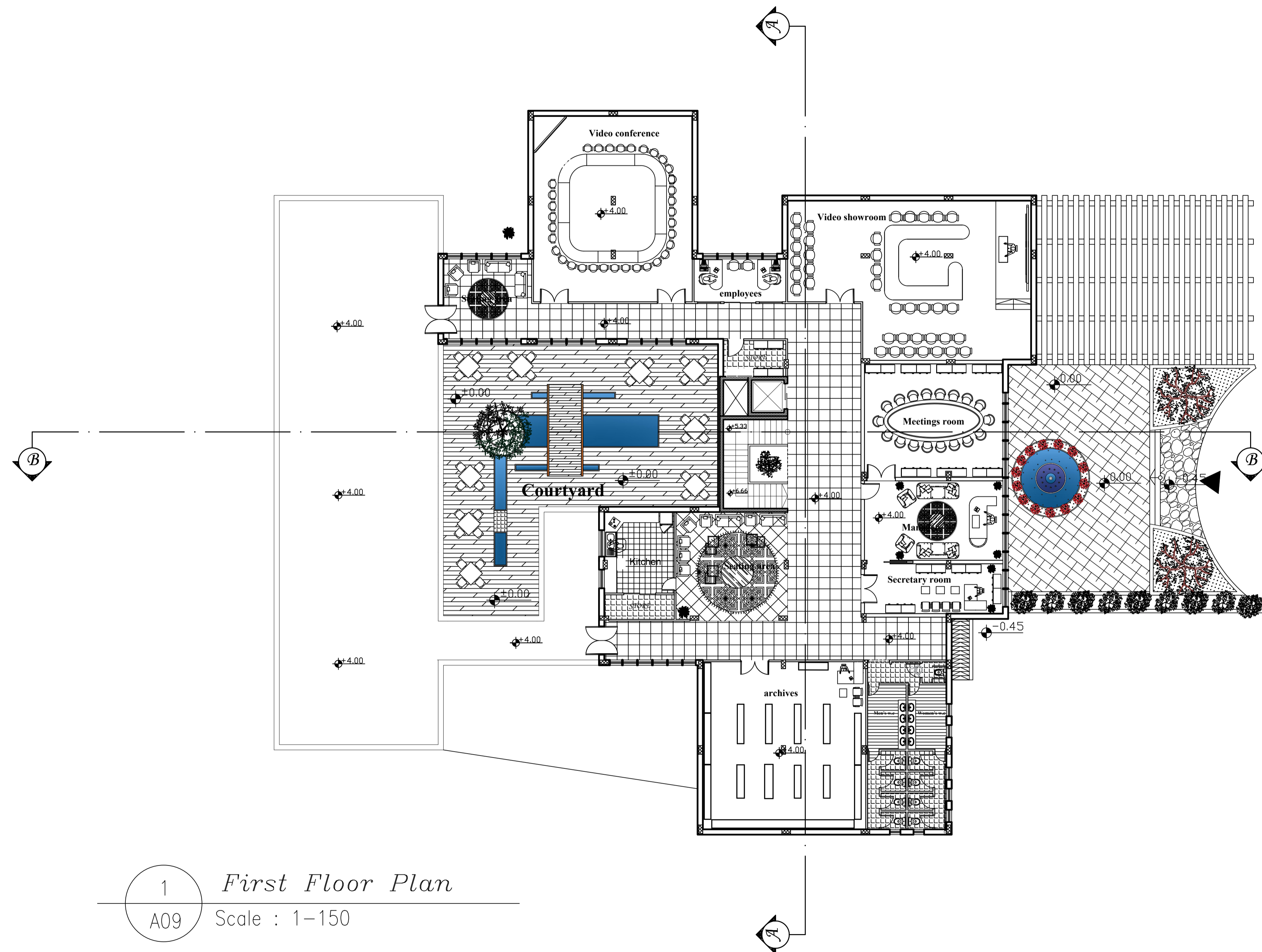
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Drawing Title:
*First Floor Plan
Of Furniture*

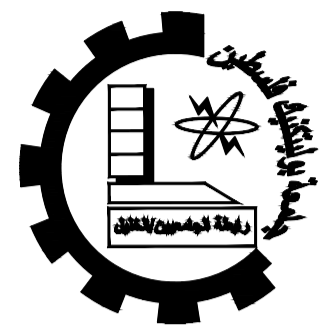
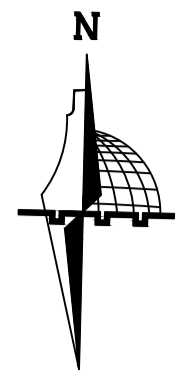
Scale : 1/150

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1 *First Floor Plan*
A09 Scale : 1-150



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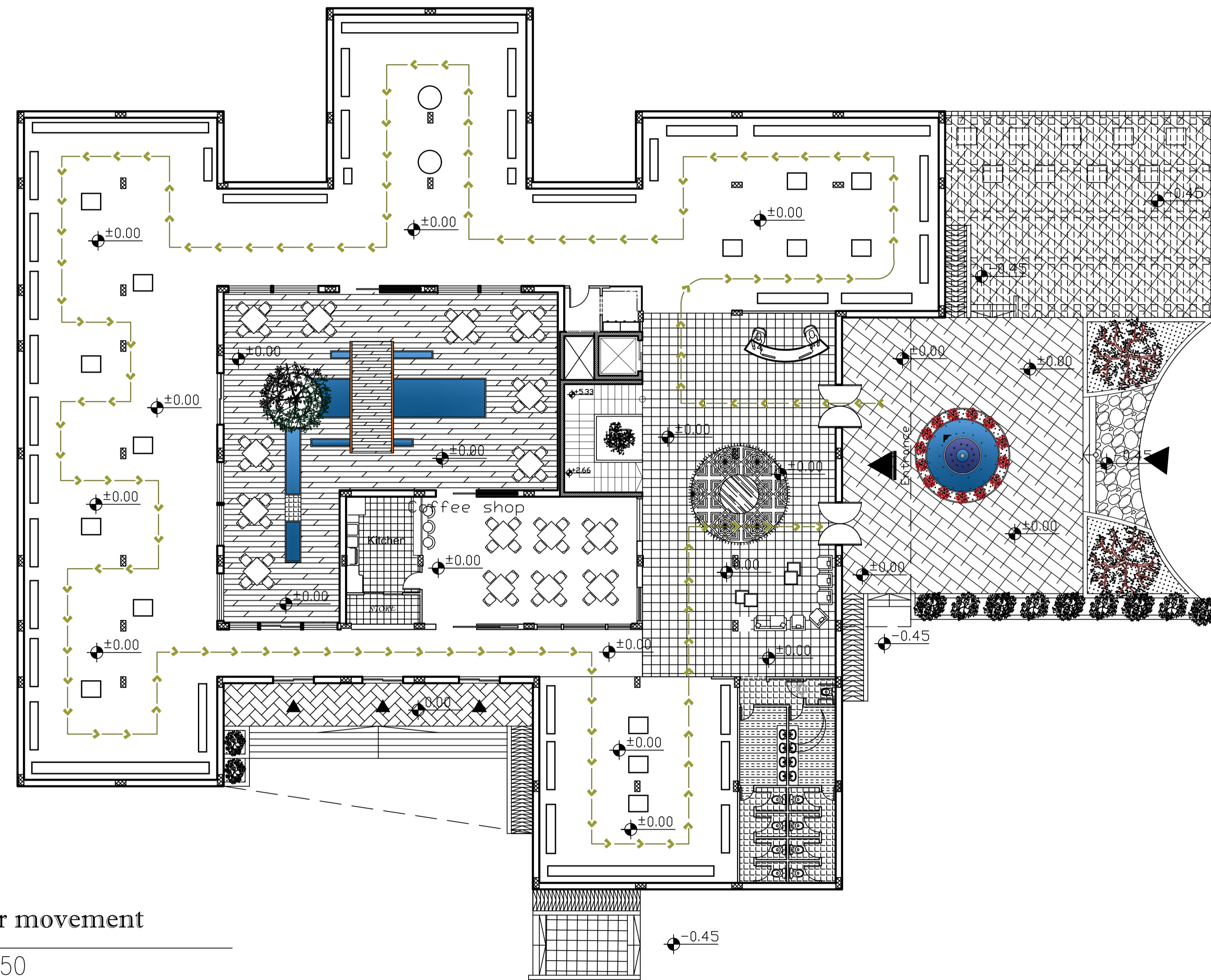
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Drawing Title:
ground floor
movement

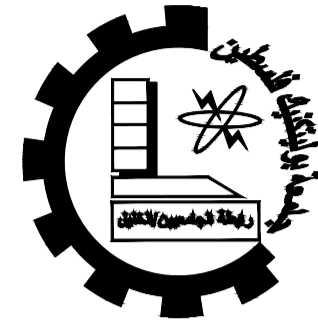
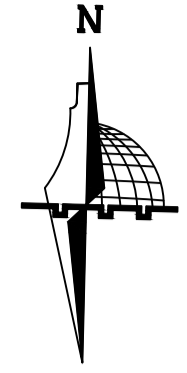
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1 ground floor movement
A10 Scale : 1-150



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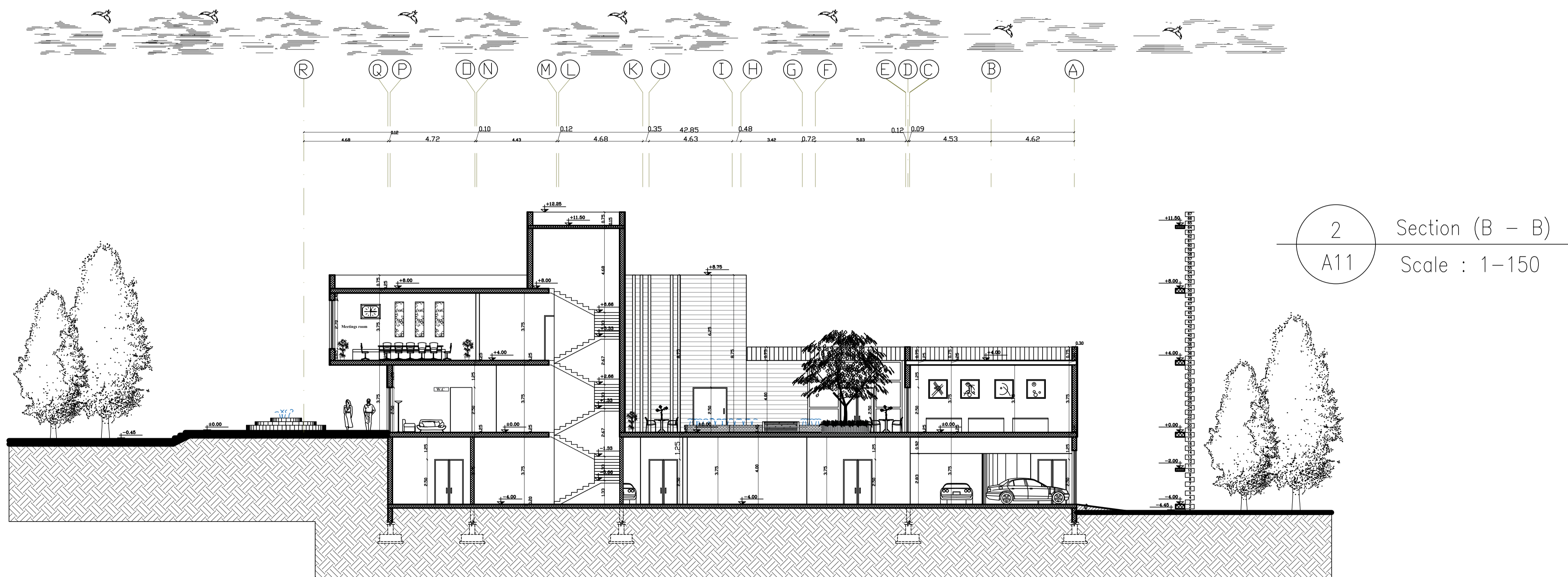
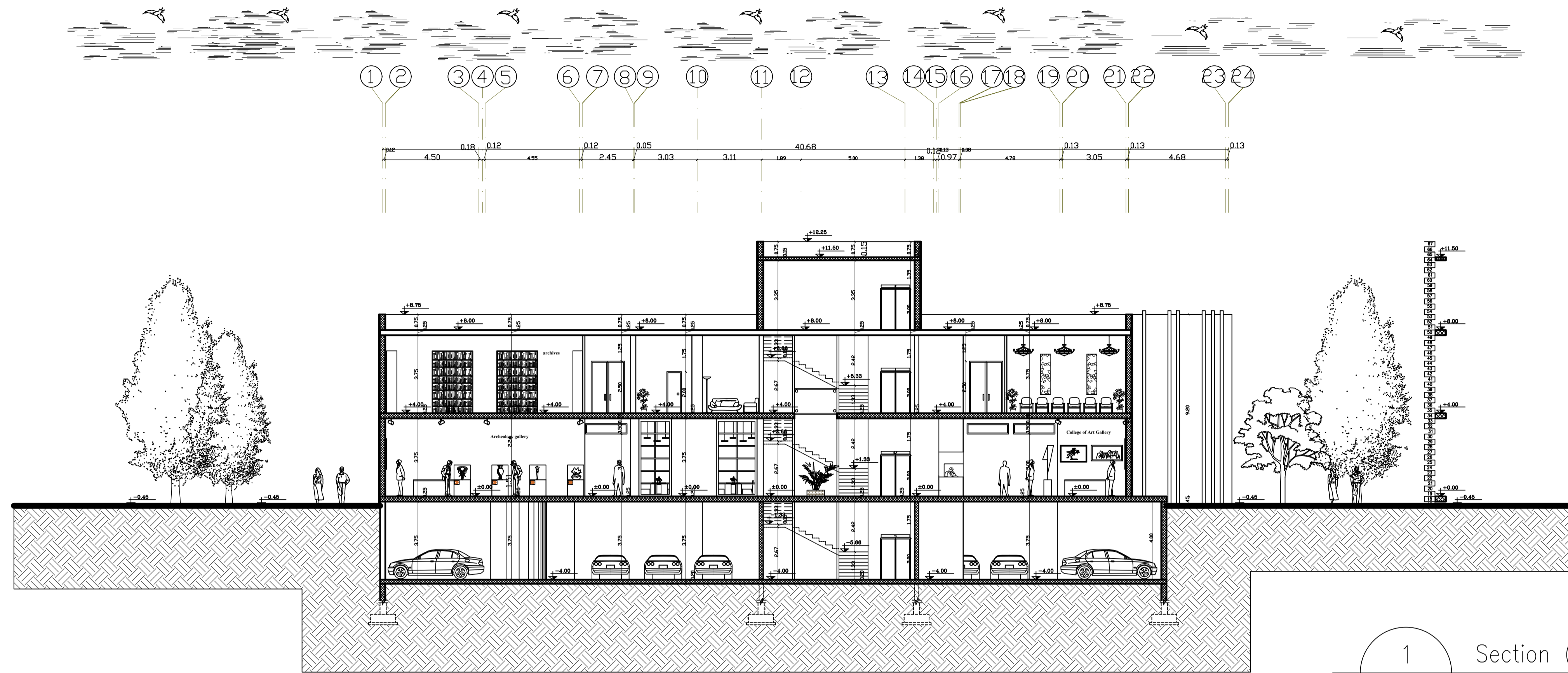
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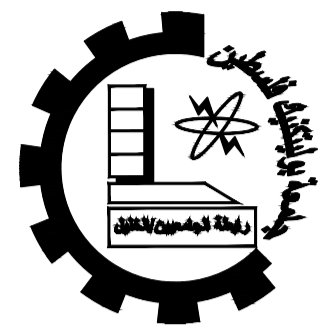
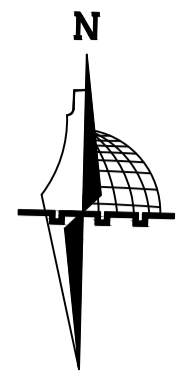
Drawing Title:
Sections

Scale : 1/150

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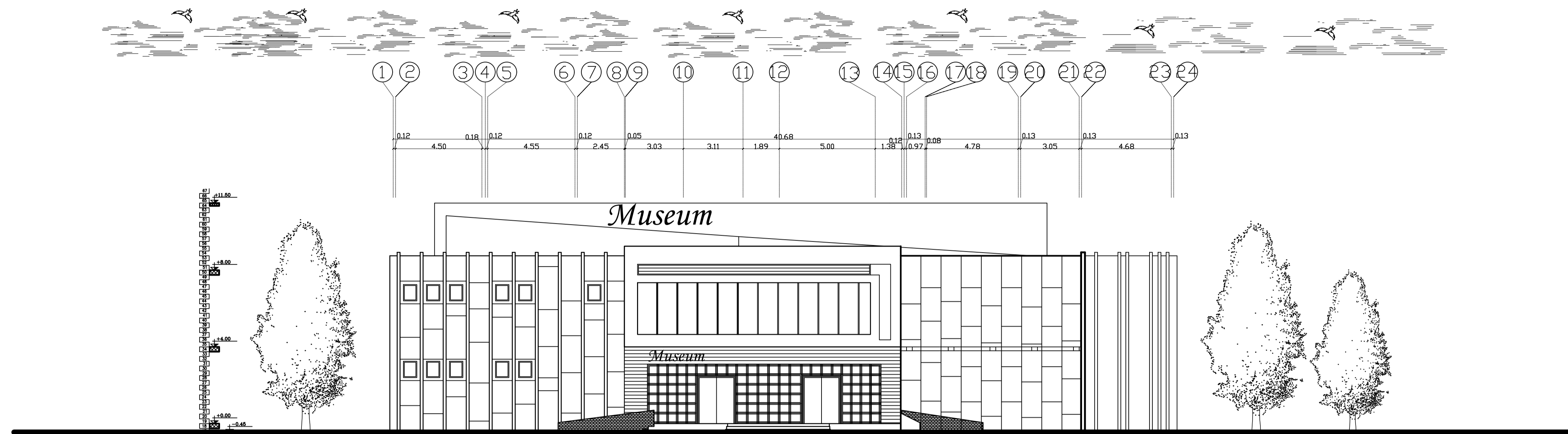
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Drawing Title:
Elevations 1

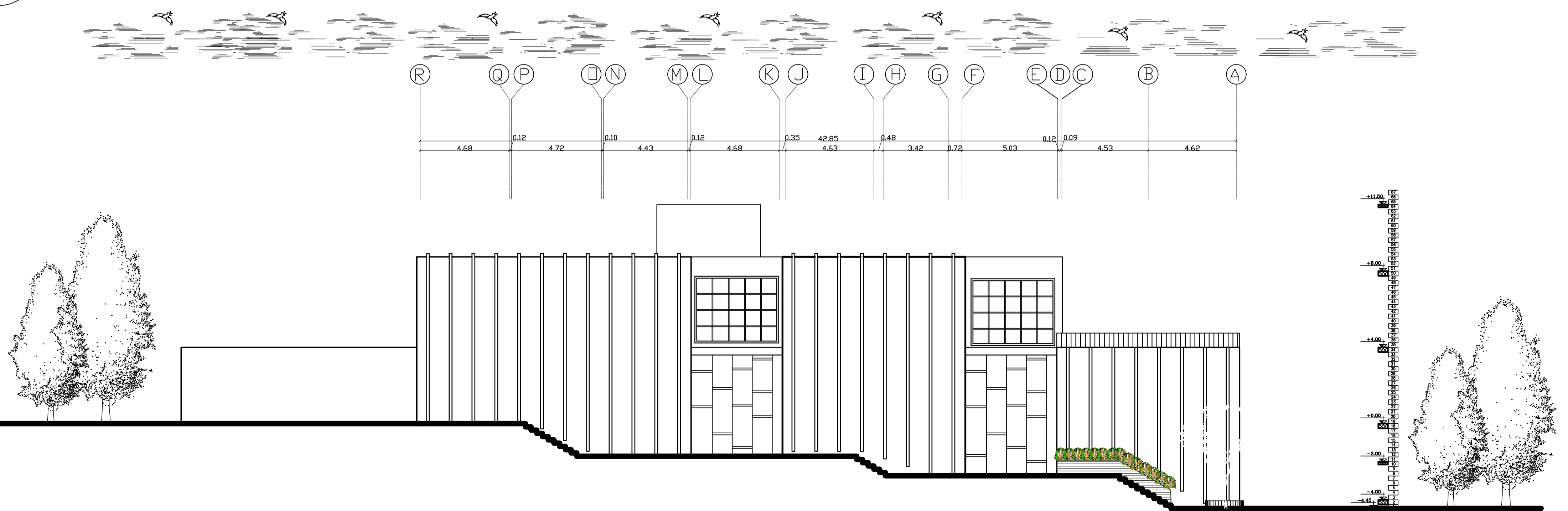
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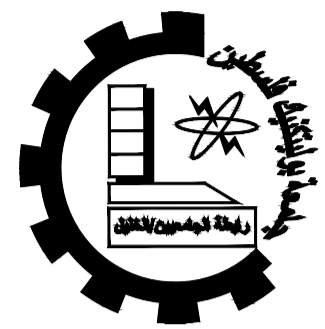
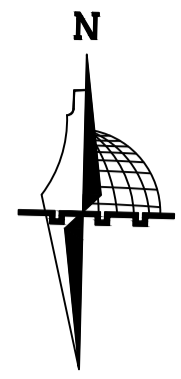
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1 Main Elevation
A12 Scale : 1-150



2 North-East elevation
A12 Scale : 1-150



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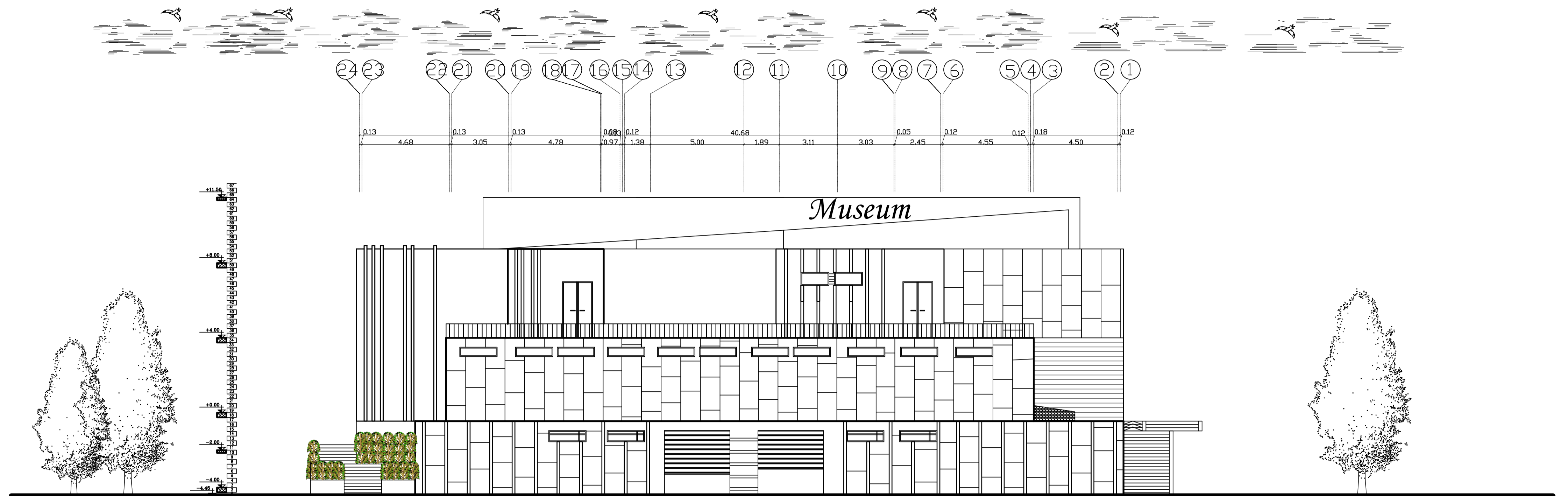
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Drawing Title:
Elevations 2

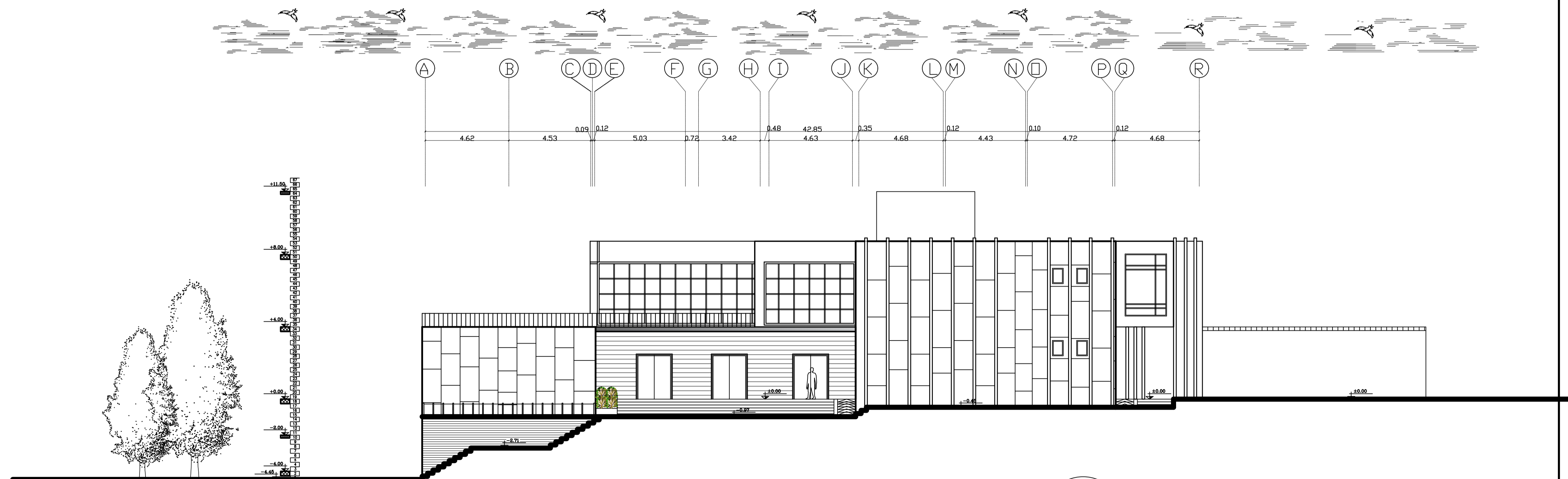
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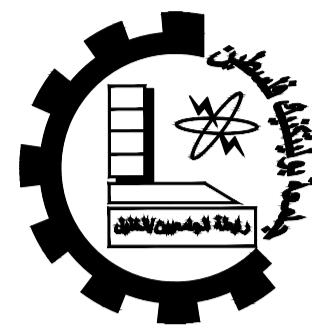
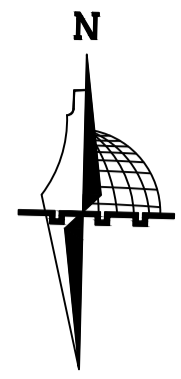
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1 West-North elevation
A13 Scale : 1-150



2 South-West elevation
A13 Scale : 1-150



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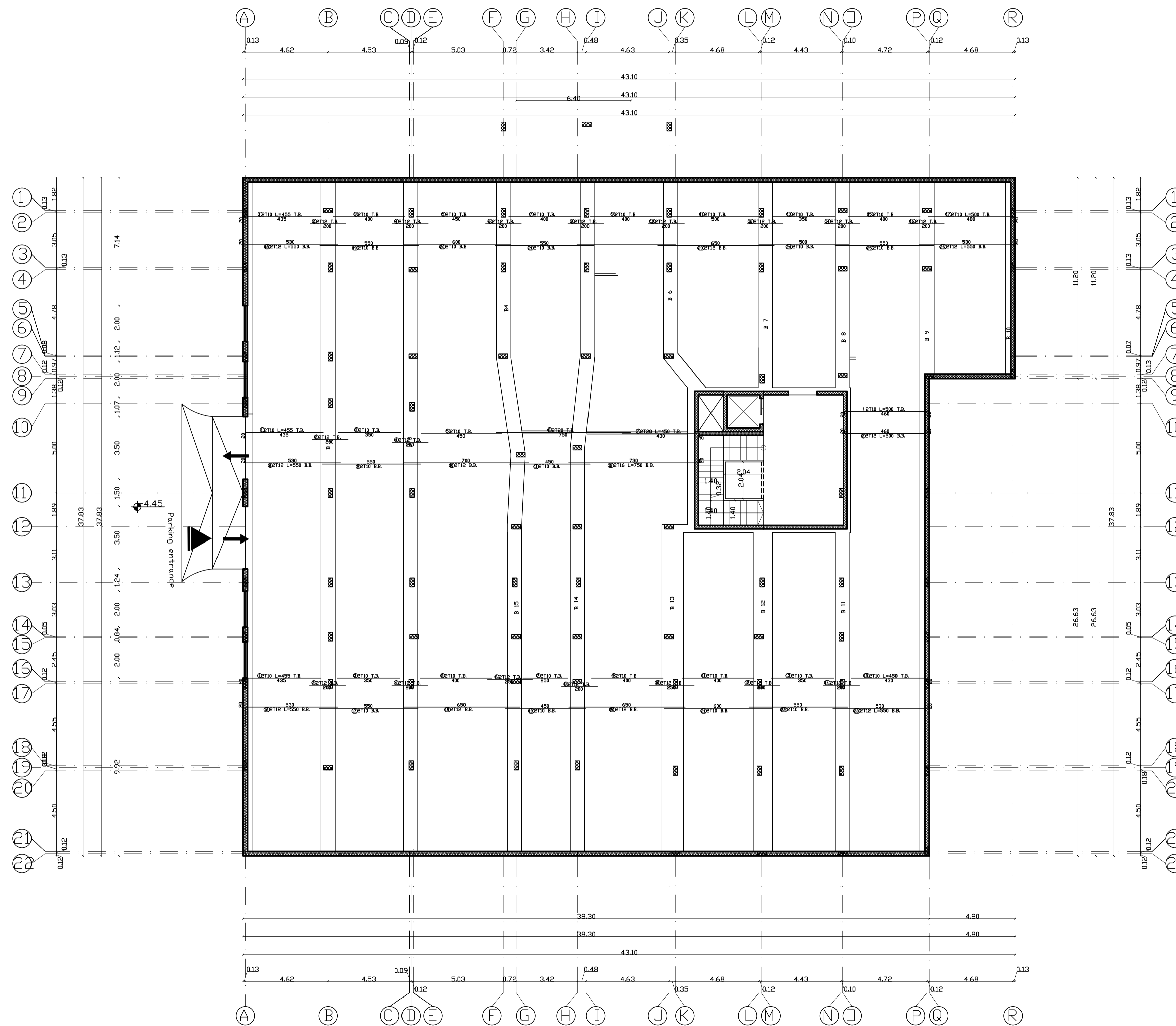
Basment Floor
Main Reinforcement

Scale : 1/150

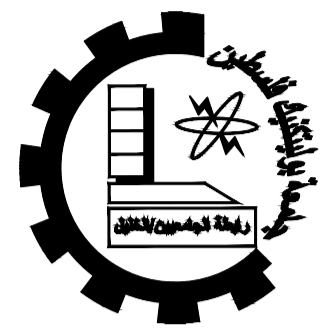
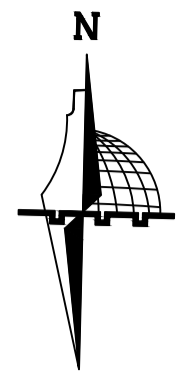
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1 *Basment Floor Main Reinforcement*
S 1 Scale : 1-150



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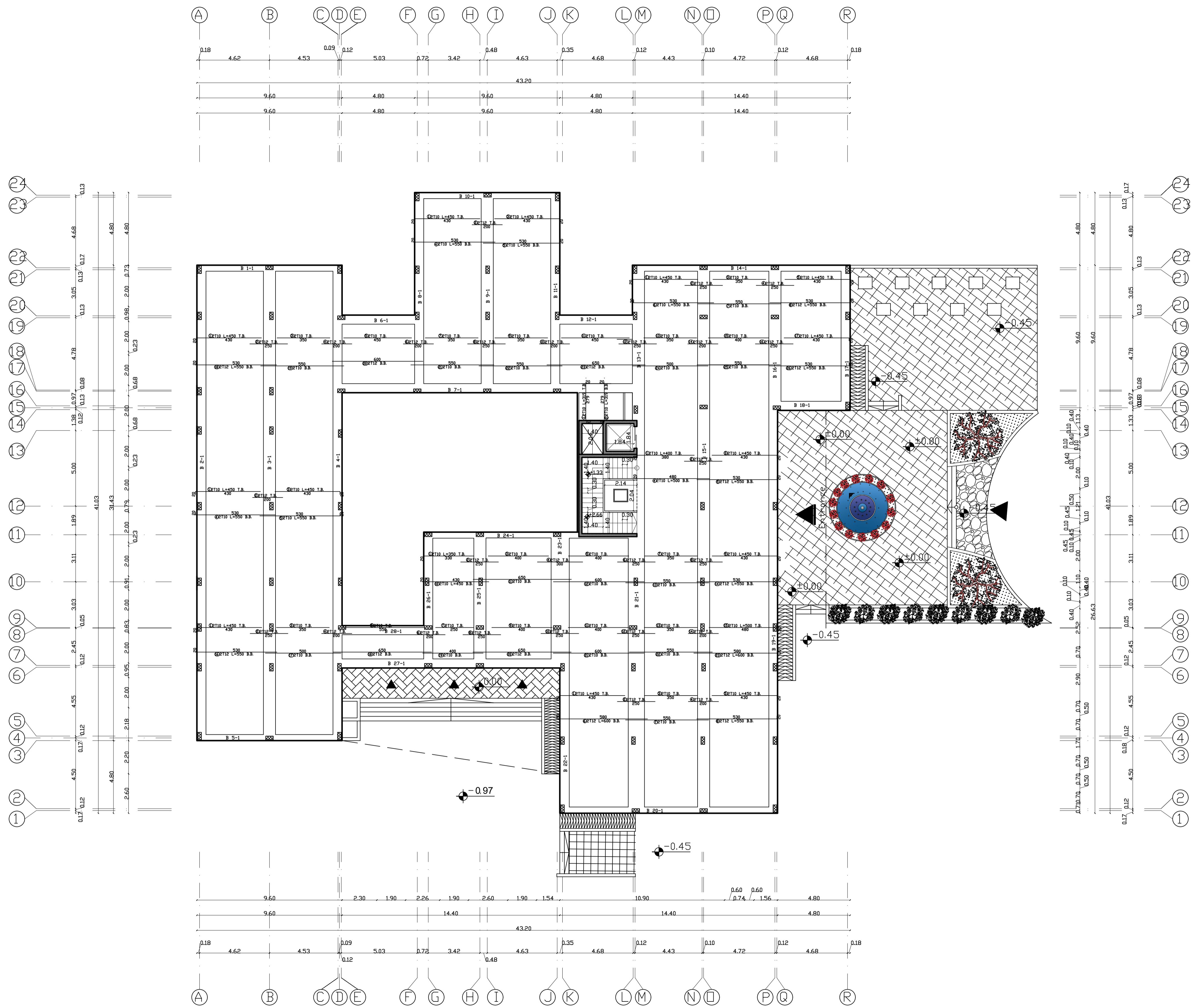
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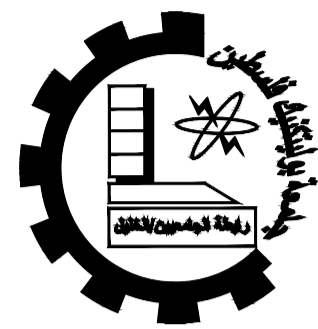
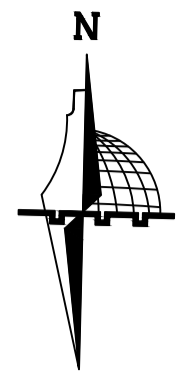
Drawing Title:
**Ground Floor
Main Reinforcement**

Scale : 1/150

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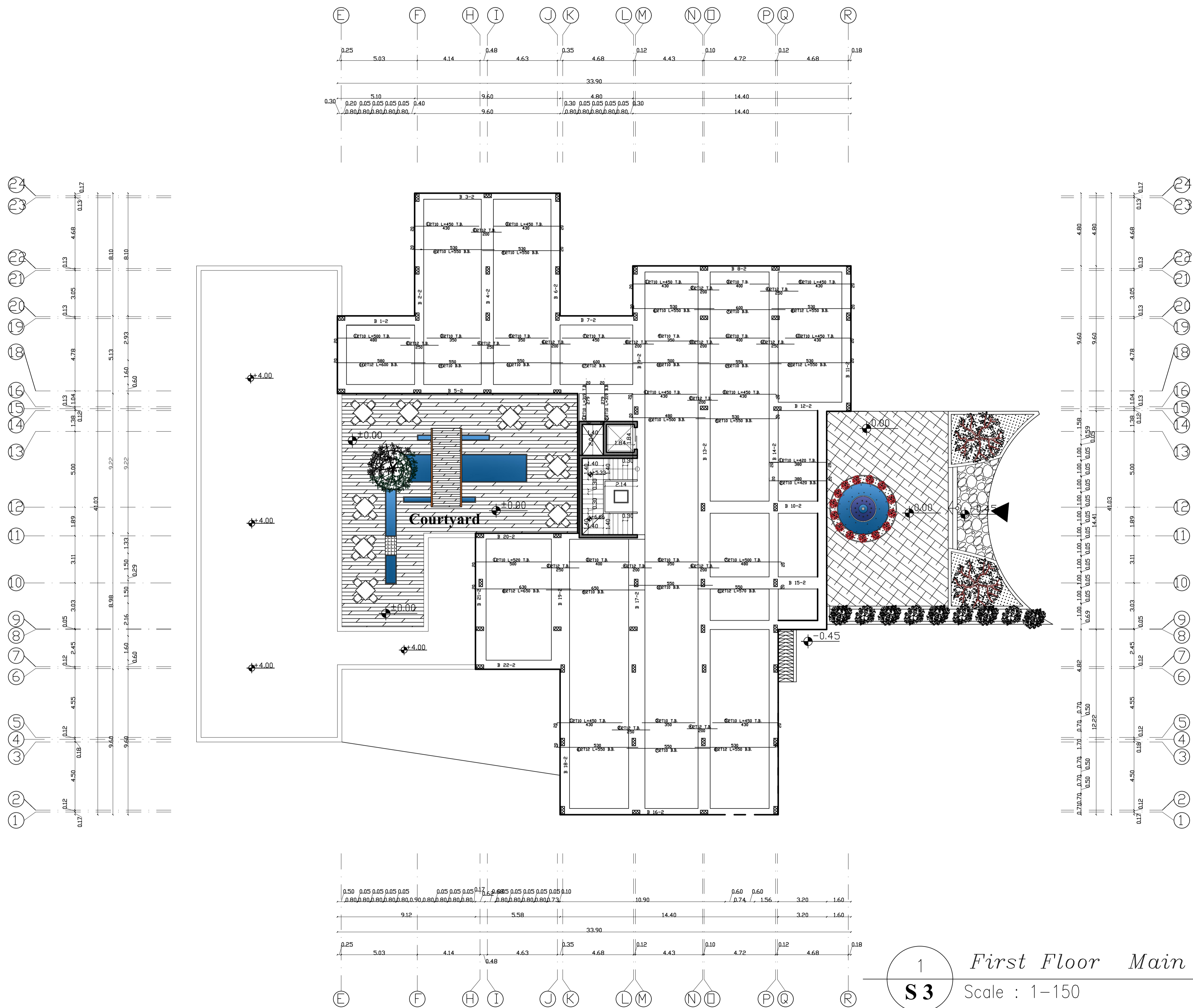
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Drawing Title:
**First Floor
Main Reinforcement**

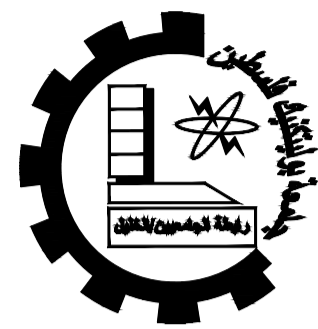
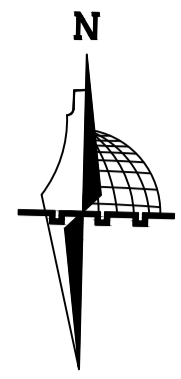
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1 **S 3** First Floor Main Reinforcement
Scale : 1-150



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Muath Abusalameh

Raed Hassounch

Mohammad Abuhour

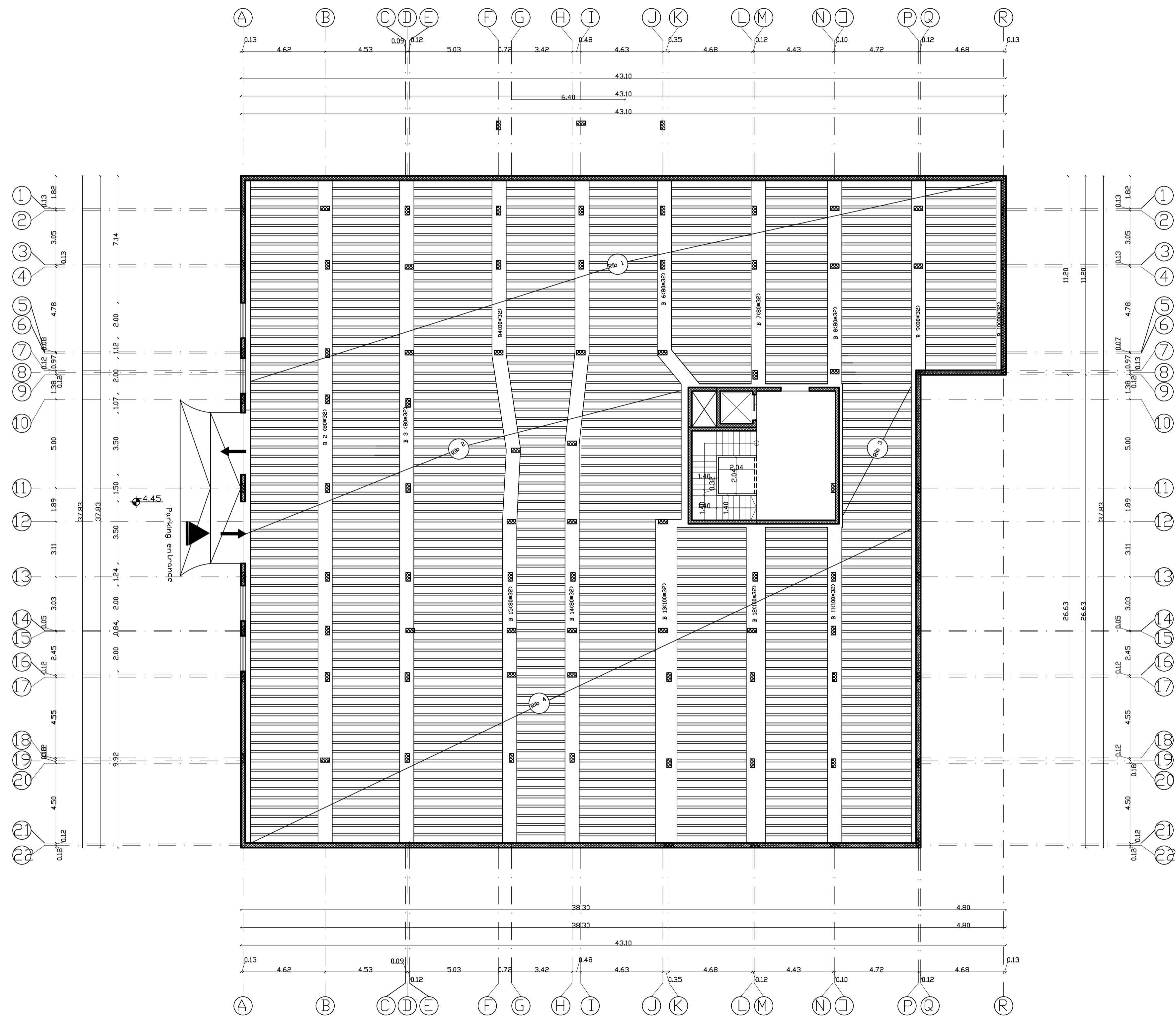
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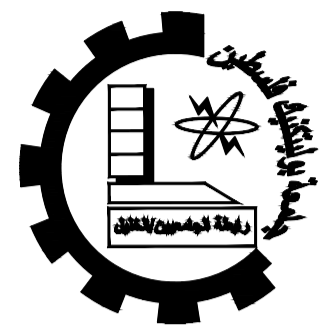
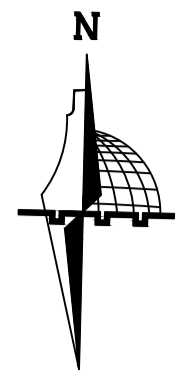
Slab plan of
Basment Floor

Scale : 1/150

Sheet NO : S 4

Date : 15/8/2021





Palestine Polytechnic University
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Project :
*Structural
Design of
AL-Najah
National
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Supervisor :
Dr.Nafez Nasreideen

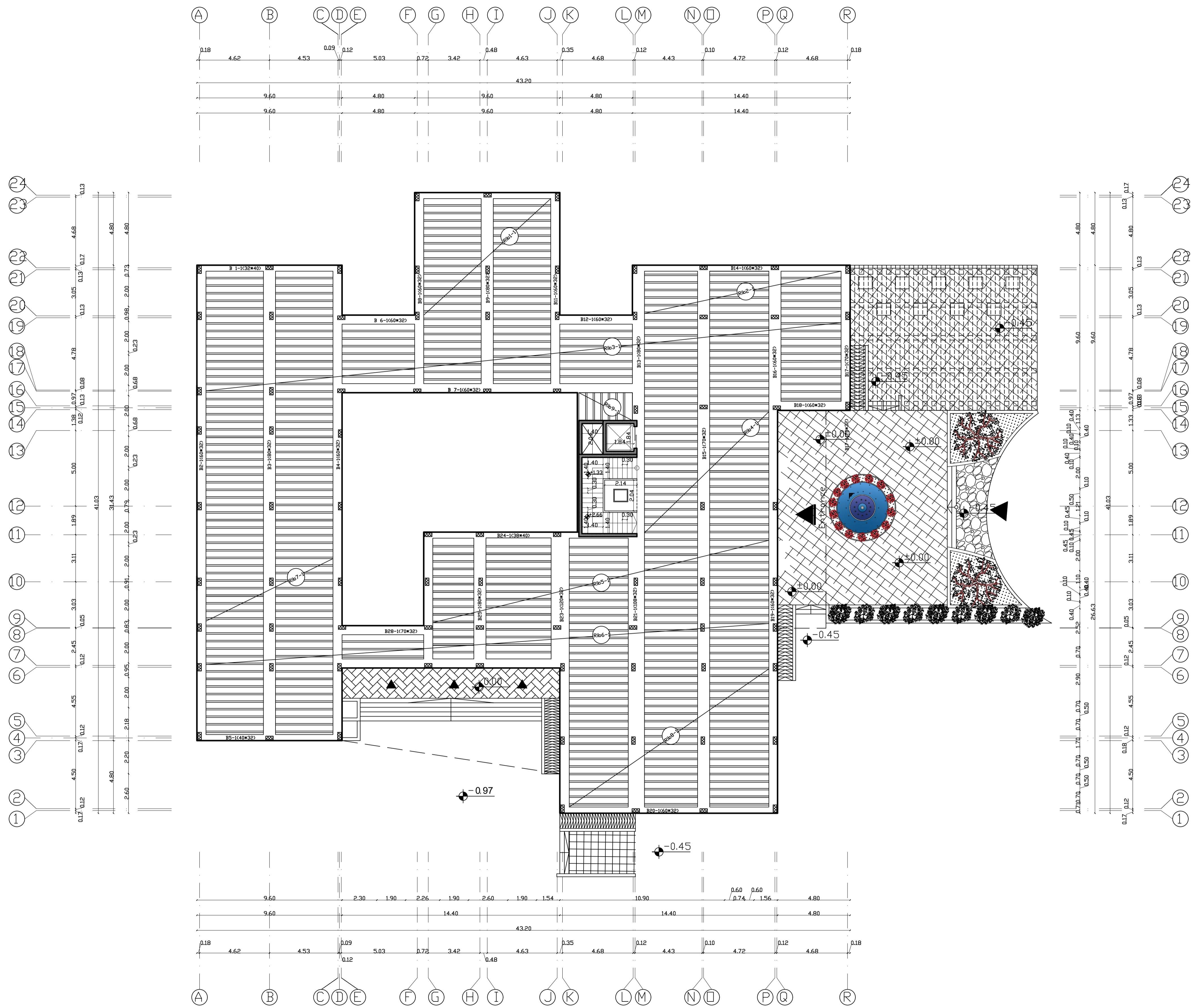
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

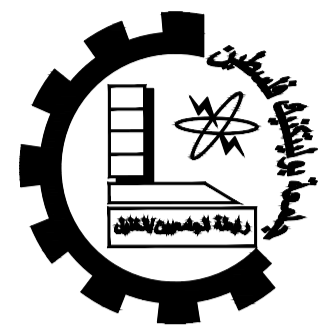
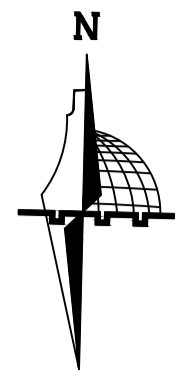
Drawing Title:
**Slab plan of
Ground Floor**

Scale : 1/150

Sheet NO : S 5

Date :
15/8/2021





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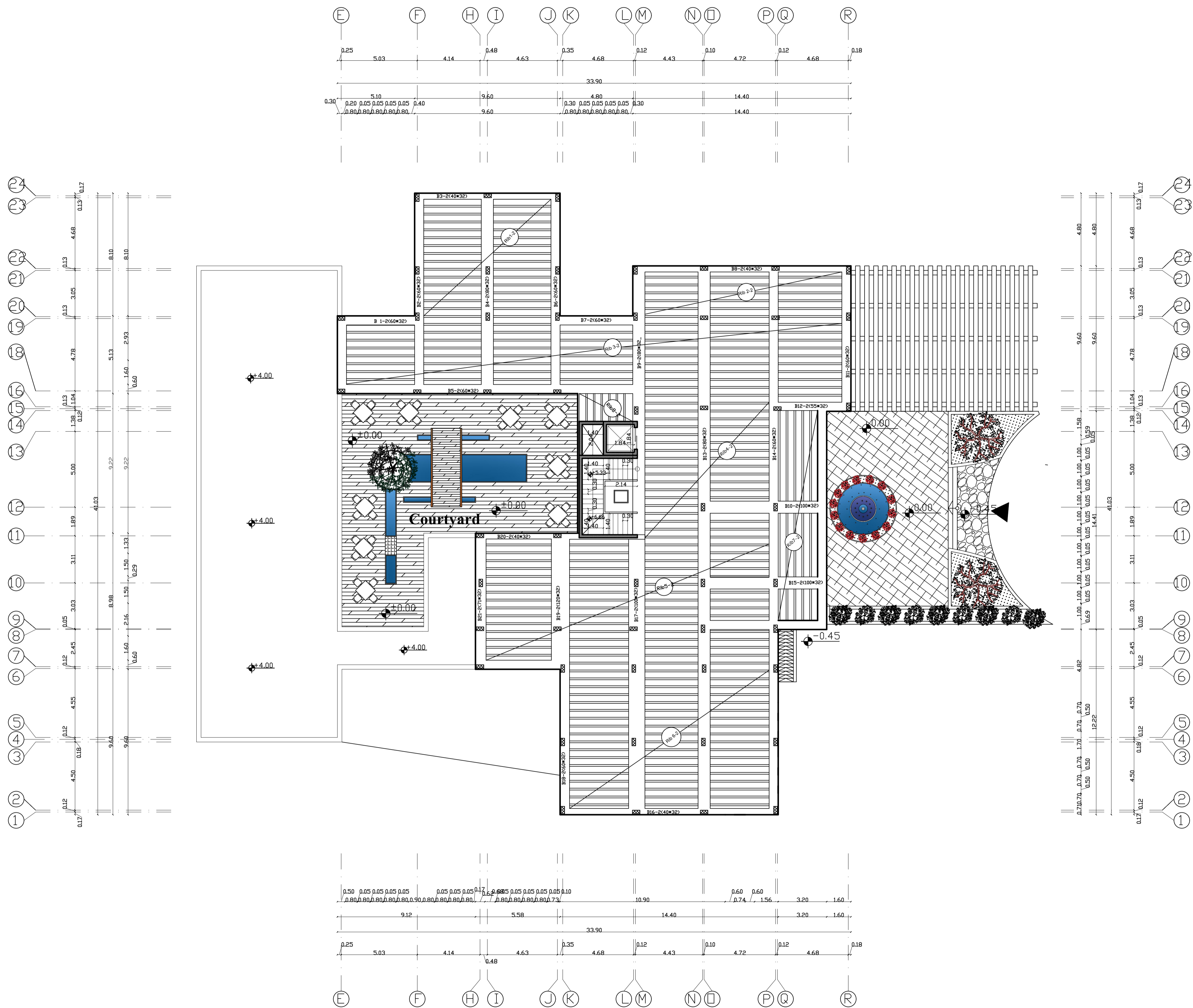
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

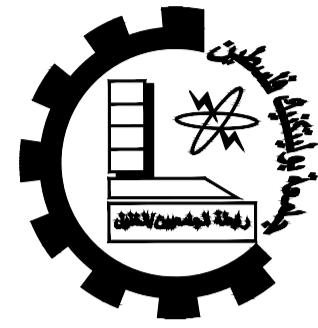
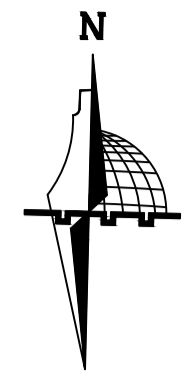
Drawing Title:
**Slab plan of
First Floor**

Scale : 1/150

Sheet NO : S 6

Date :
15/8/2021





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Supervisor :
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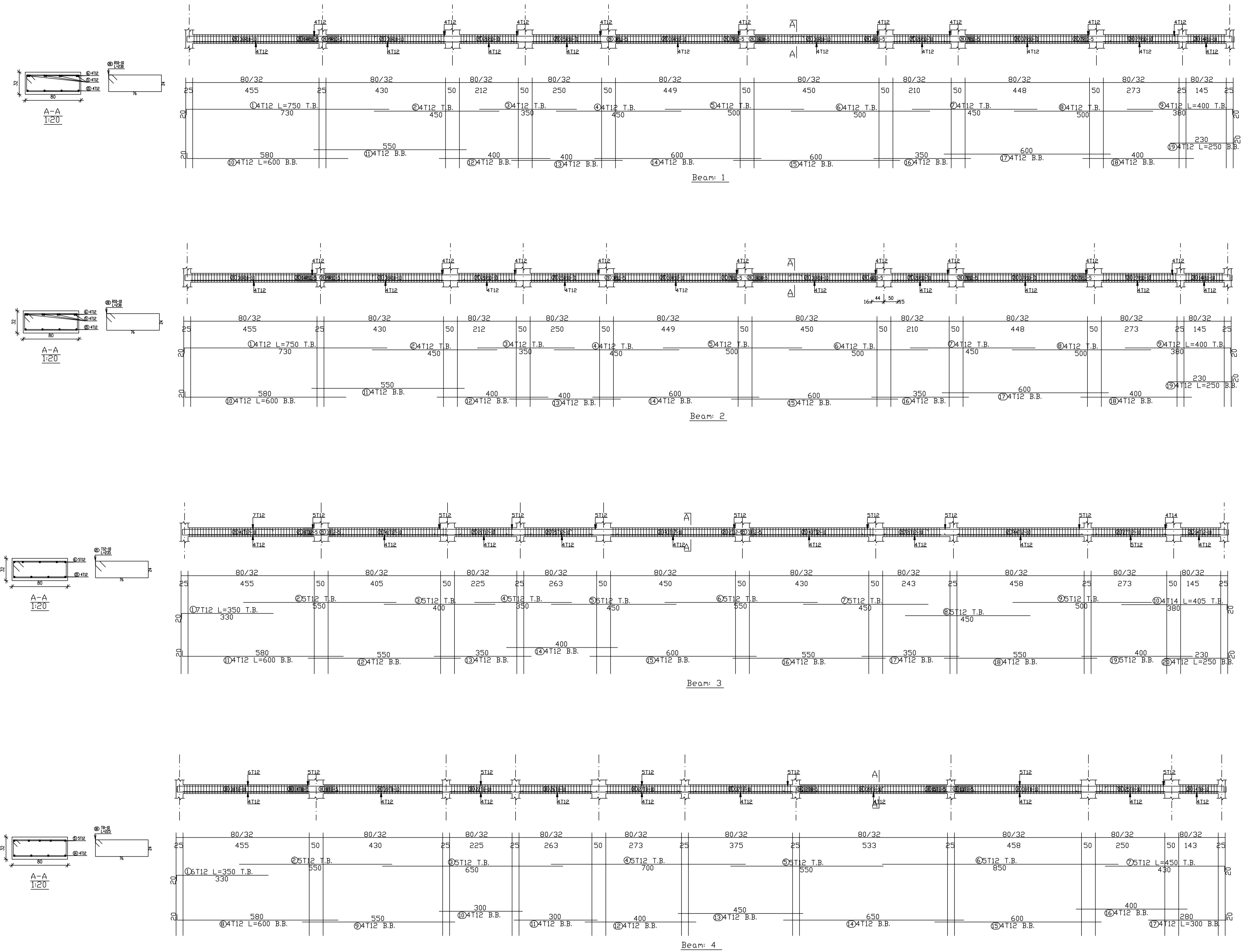
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

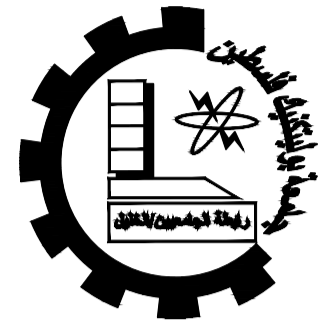
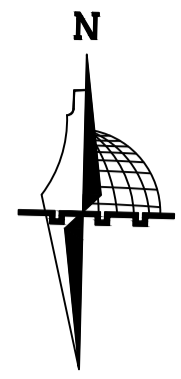
Drawing Title:
*Details of
Beams (Basment)*

Scale : 1/50

Sheet NO : S 7

Date :
15/8/2021





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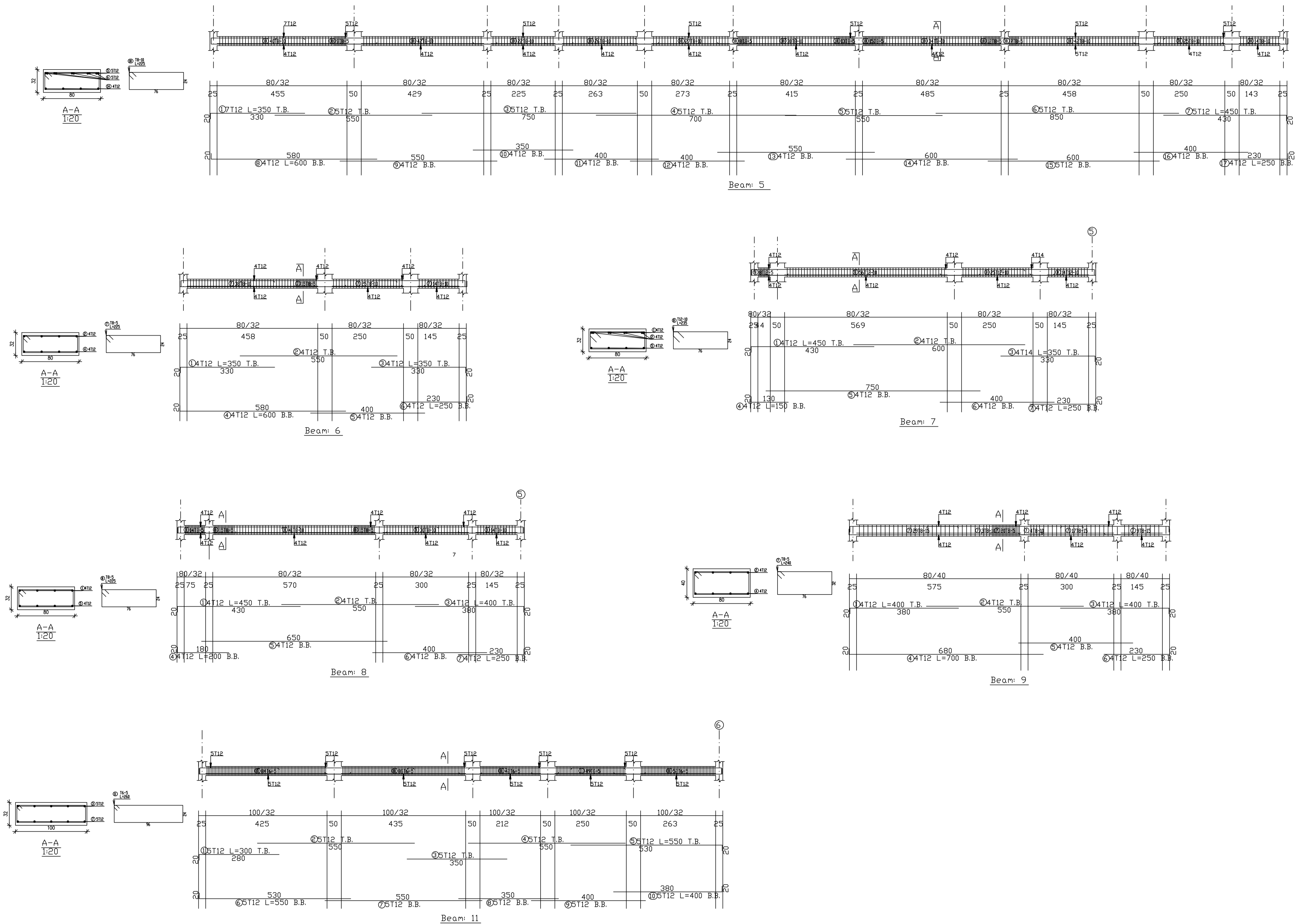
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

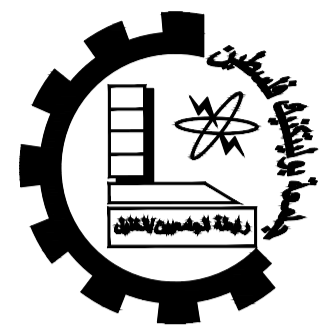
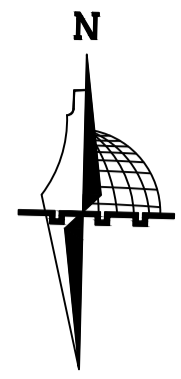
Drawing Title:
*Details of
Beams (Basment)*

Scale : 1/50

Sheet NO : S 8

Date :
15/8/2021





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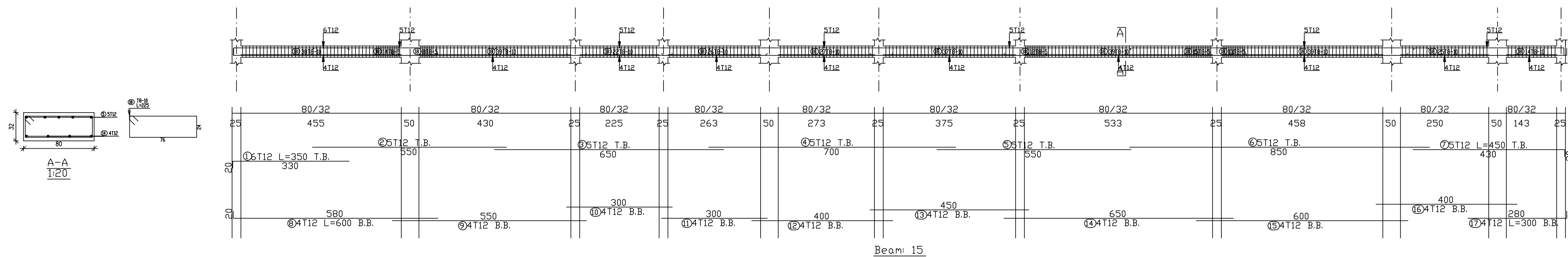
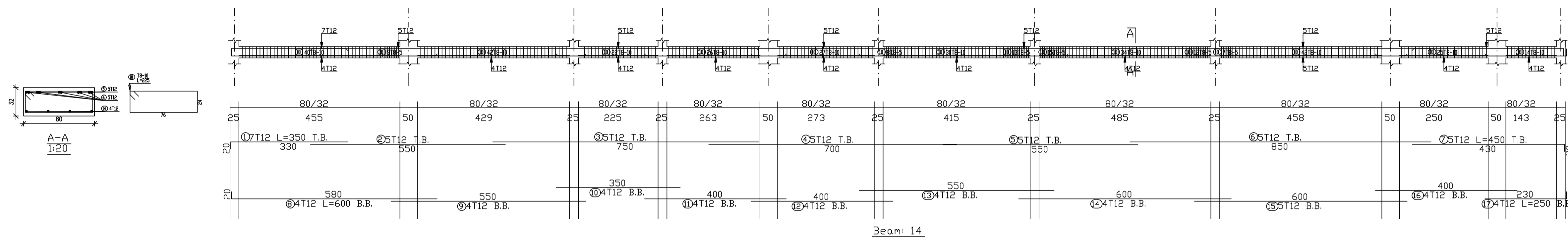
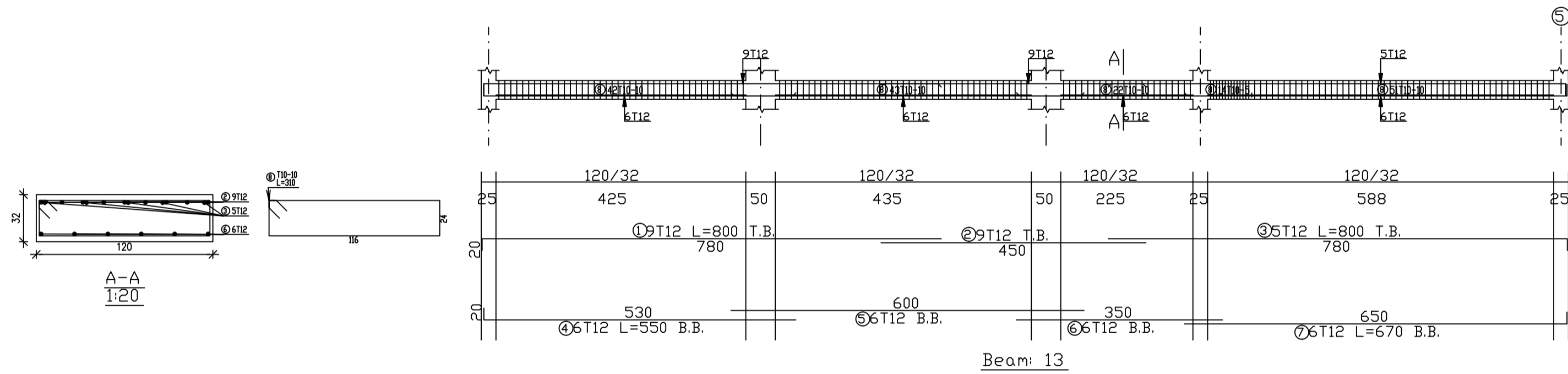
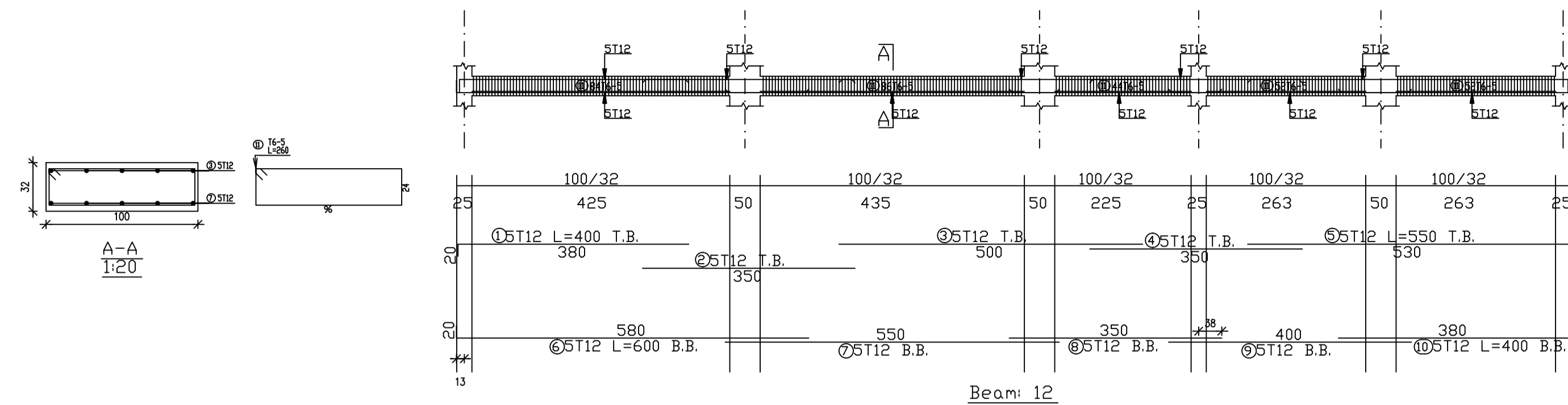
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

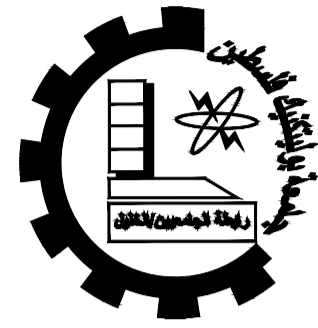
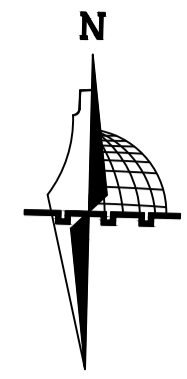
Drawing Title:
*Details of
Beams (Basment)*

Scale : 1/50

Sheet NO : S 9

Date :
15/8/2021





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Supervisor :
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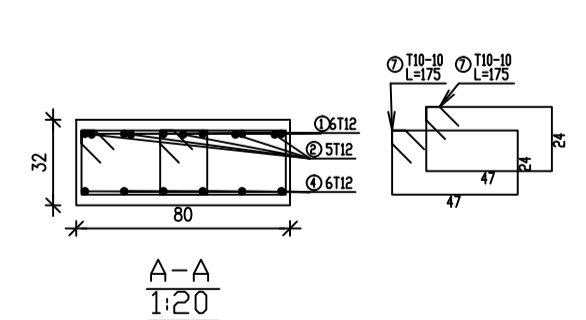
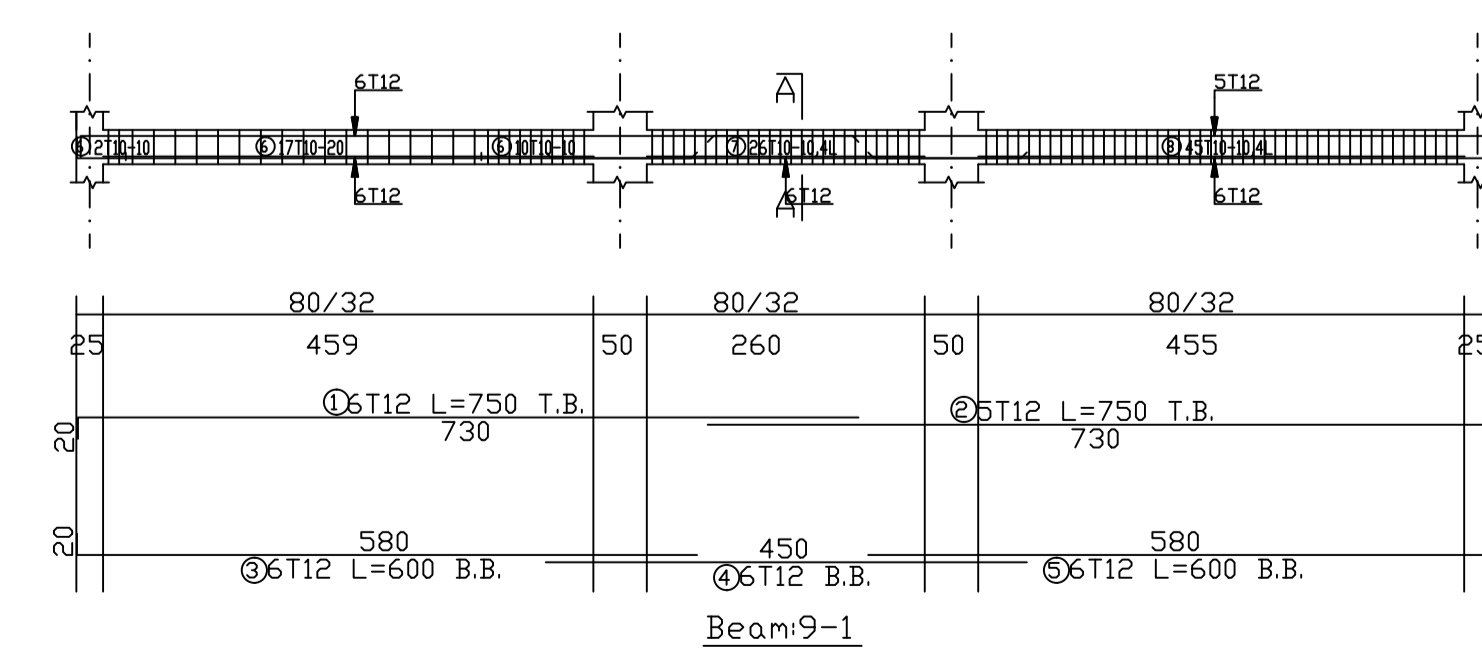
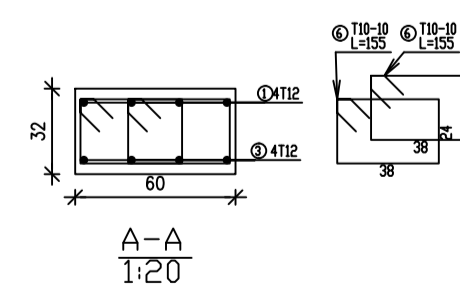
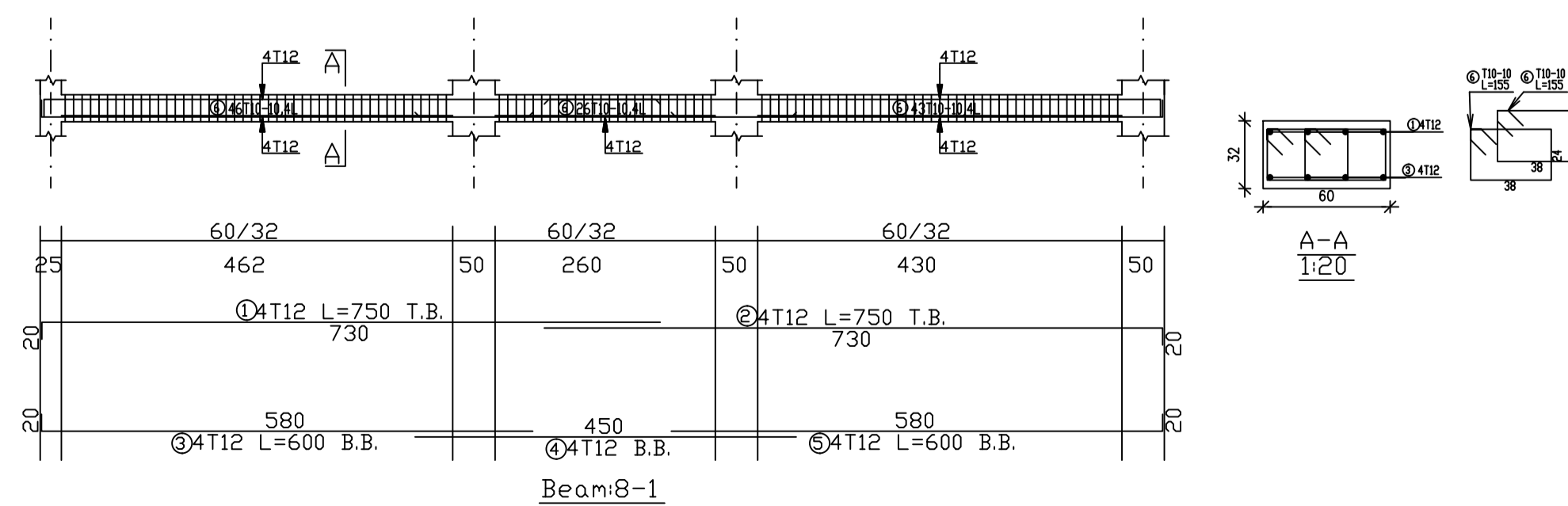
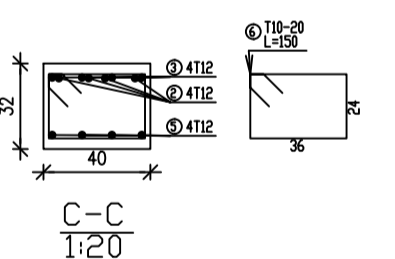
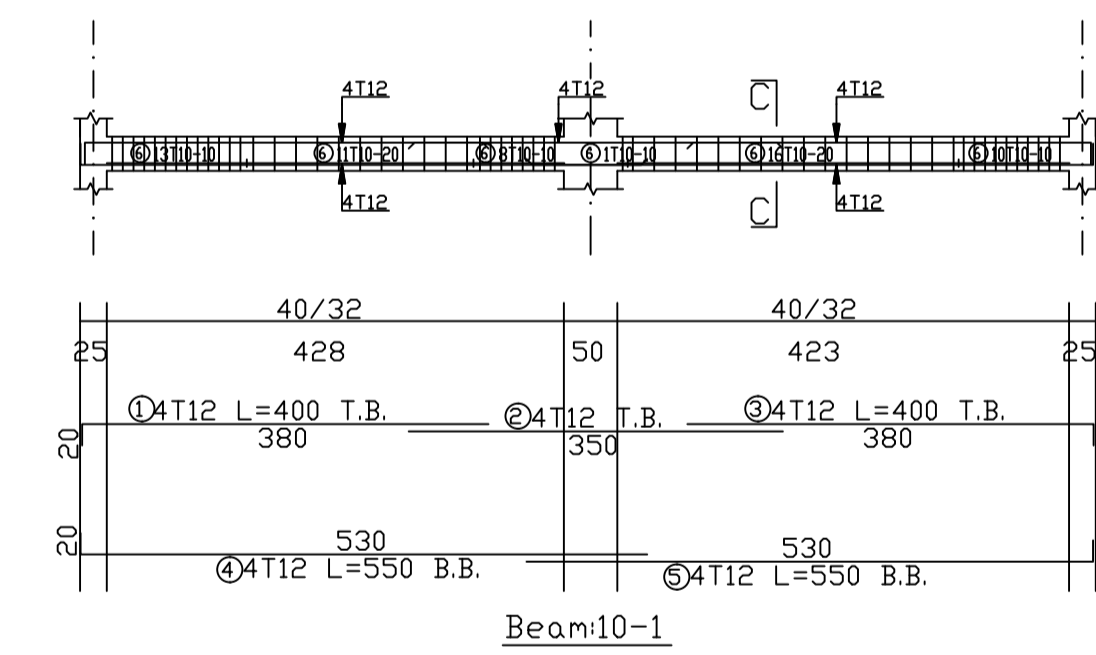
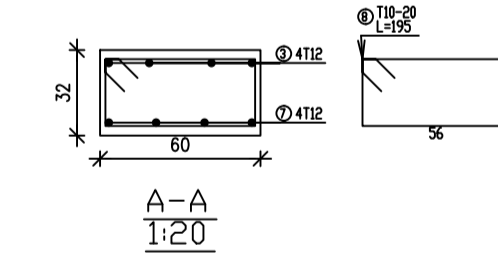
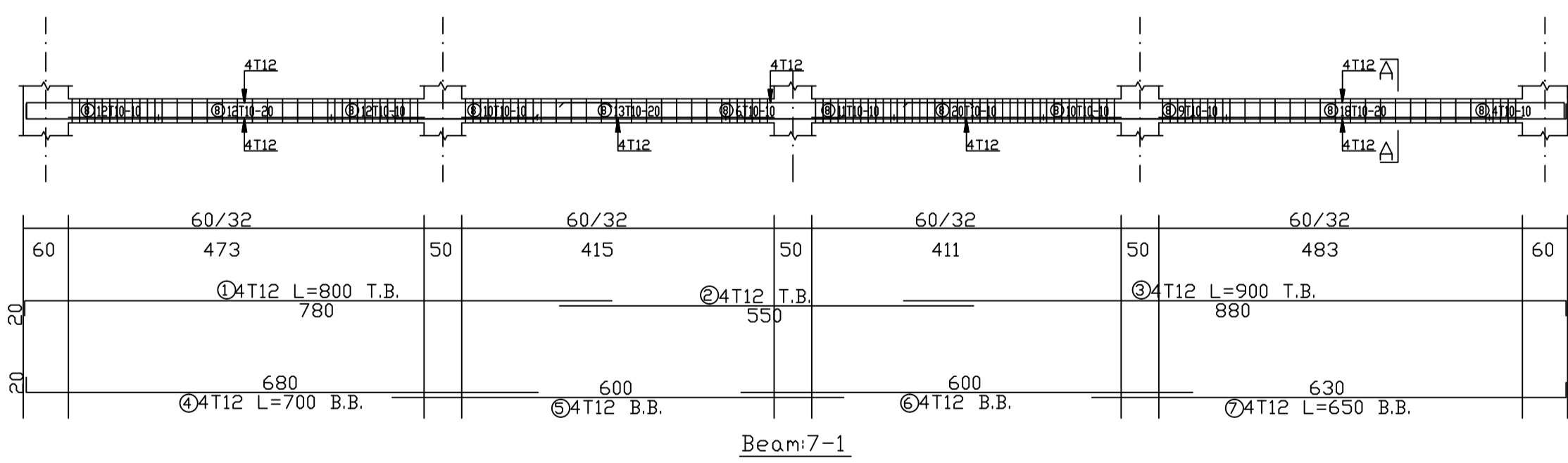
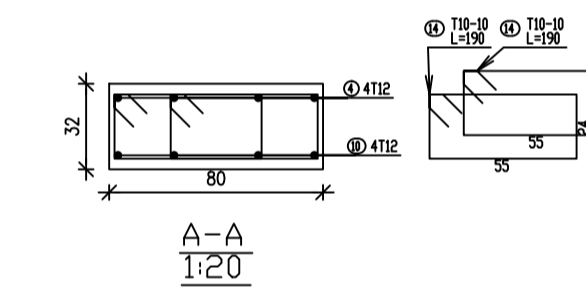
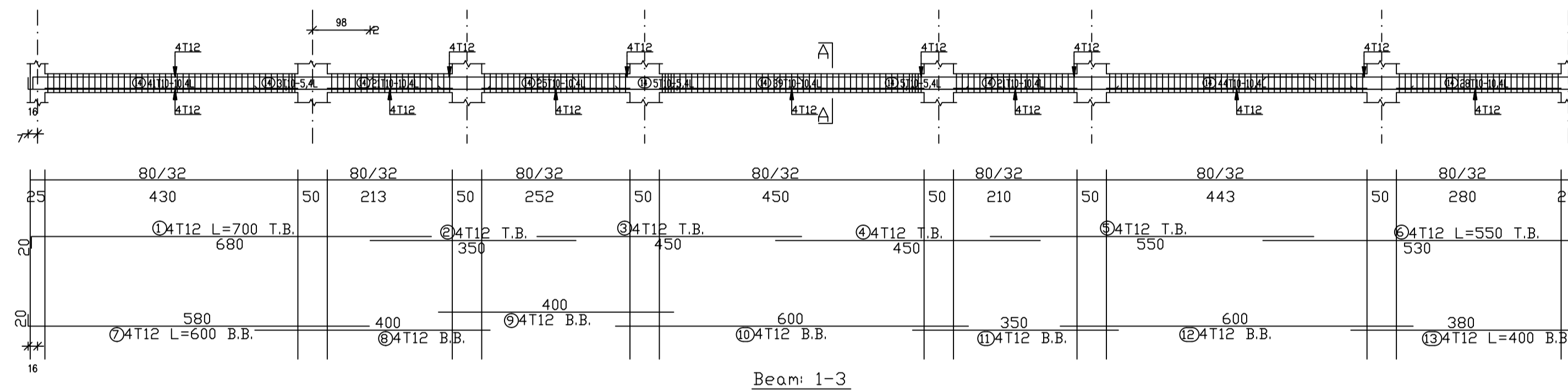
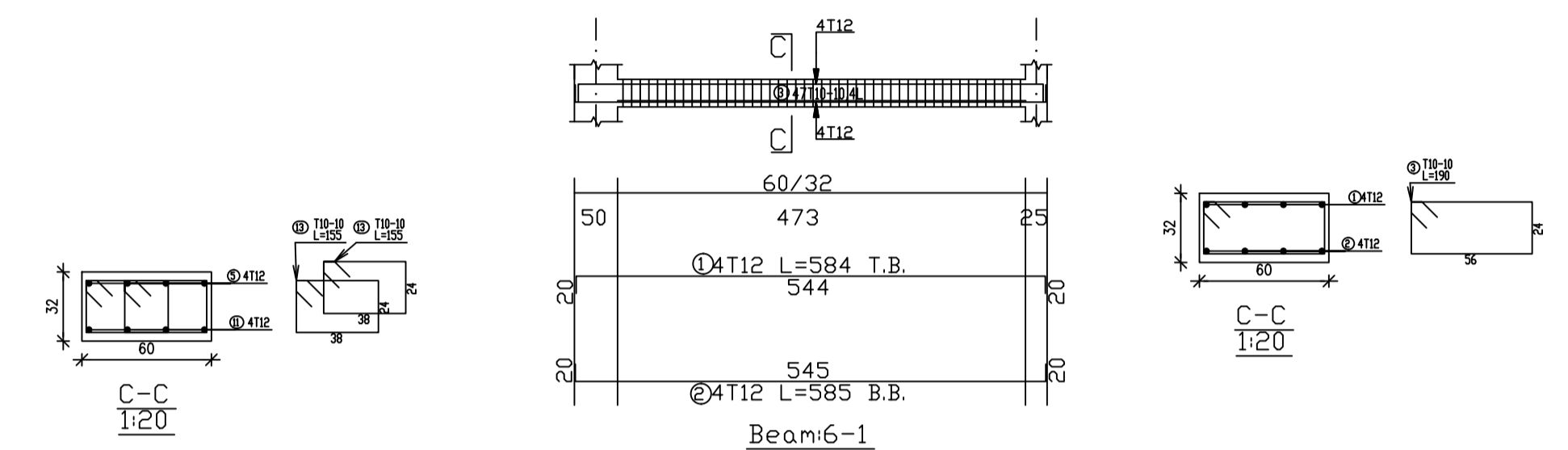
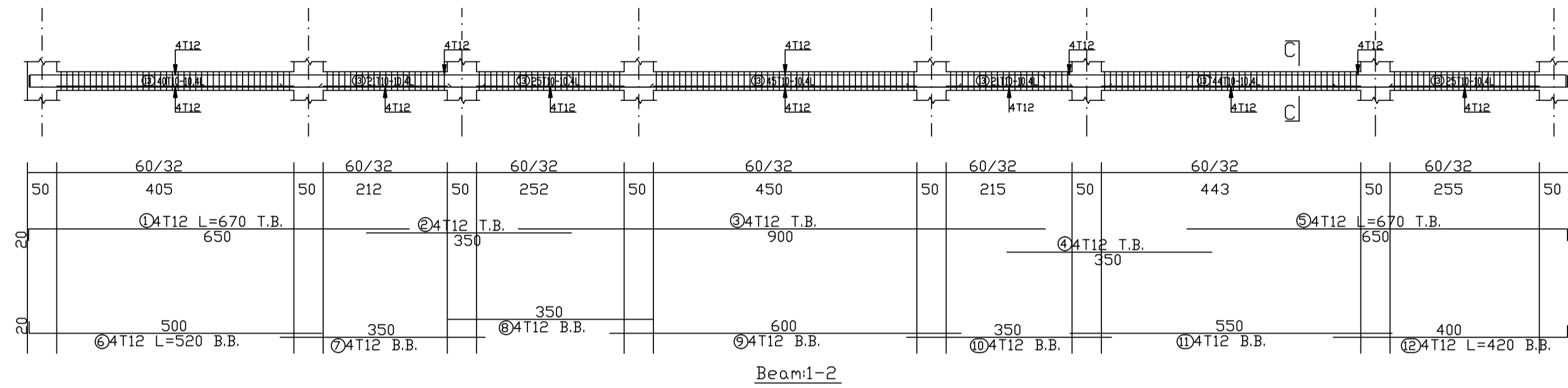
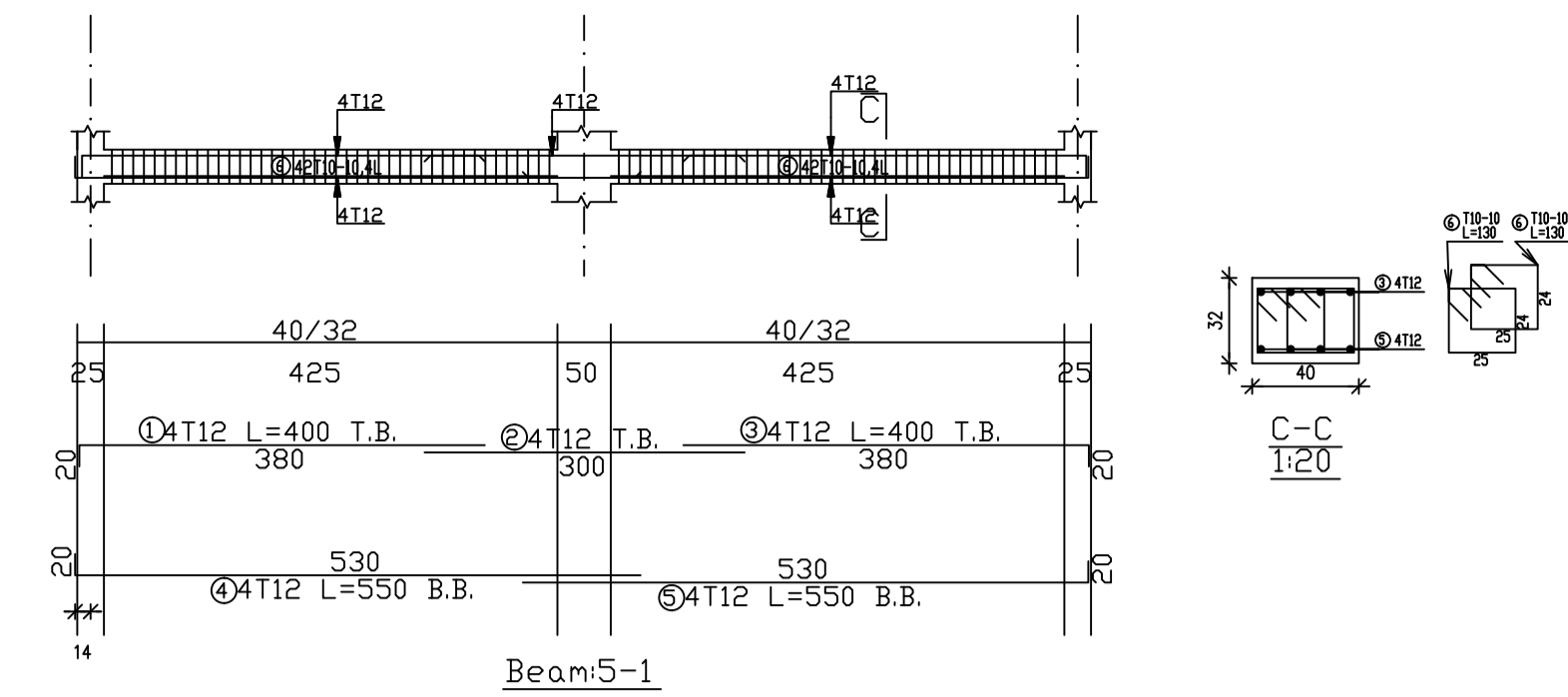
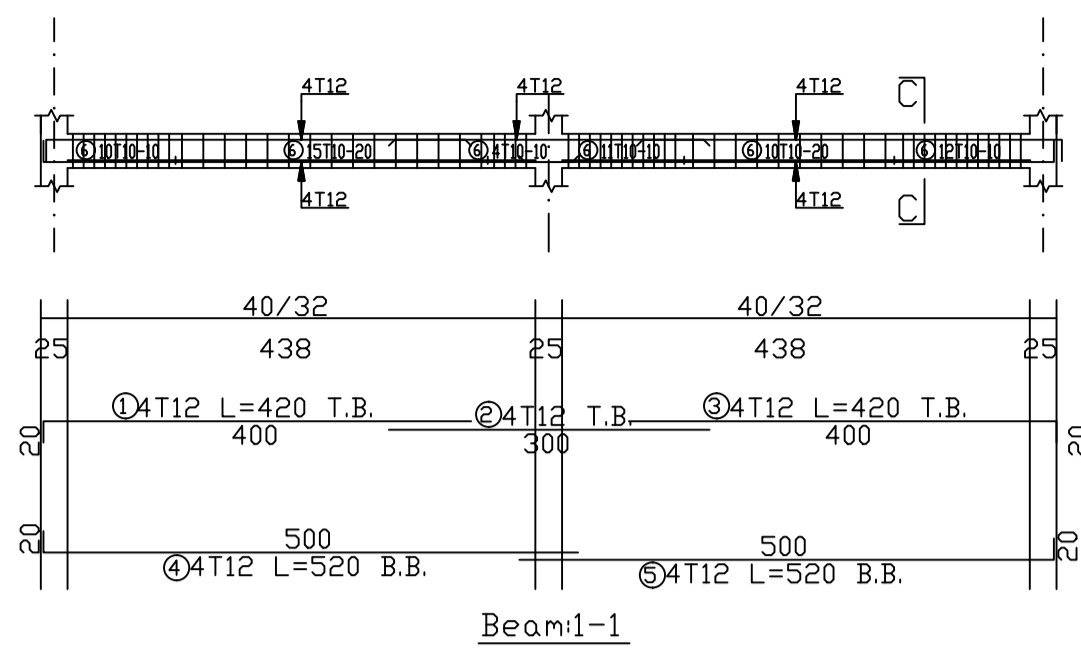
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

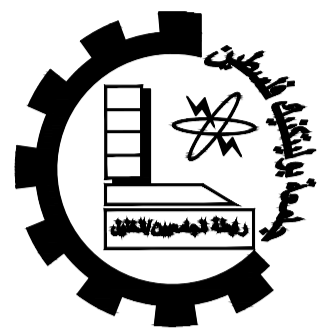
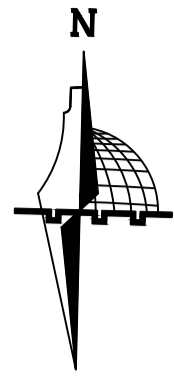
Drawing Title:
Details of
Beams (Ground)

Scale : 1/50

Sheet NO : S 10

Date : 15/8/2021





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Supervisor :
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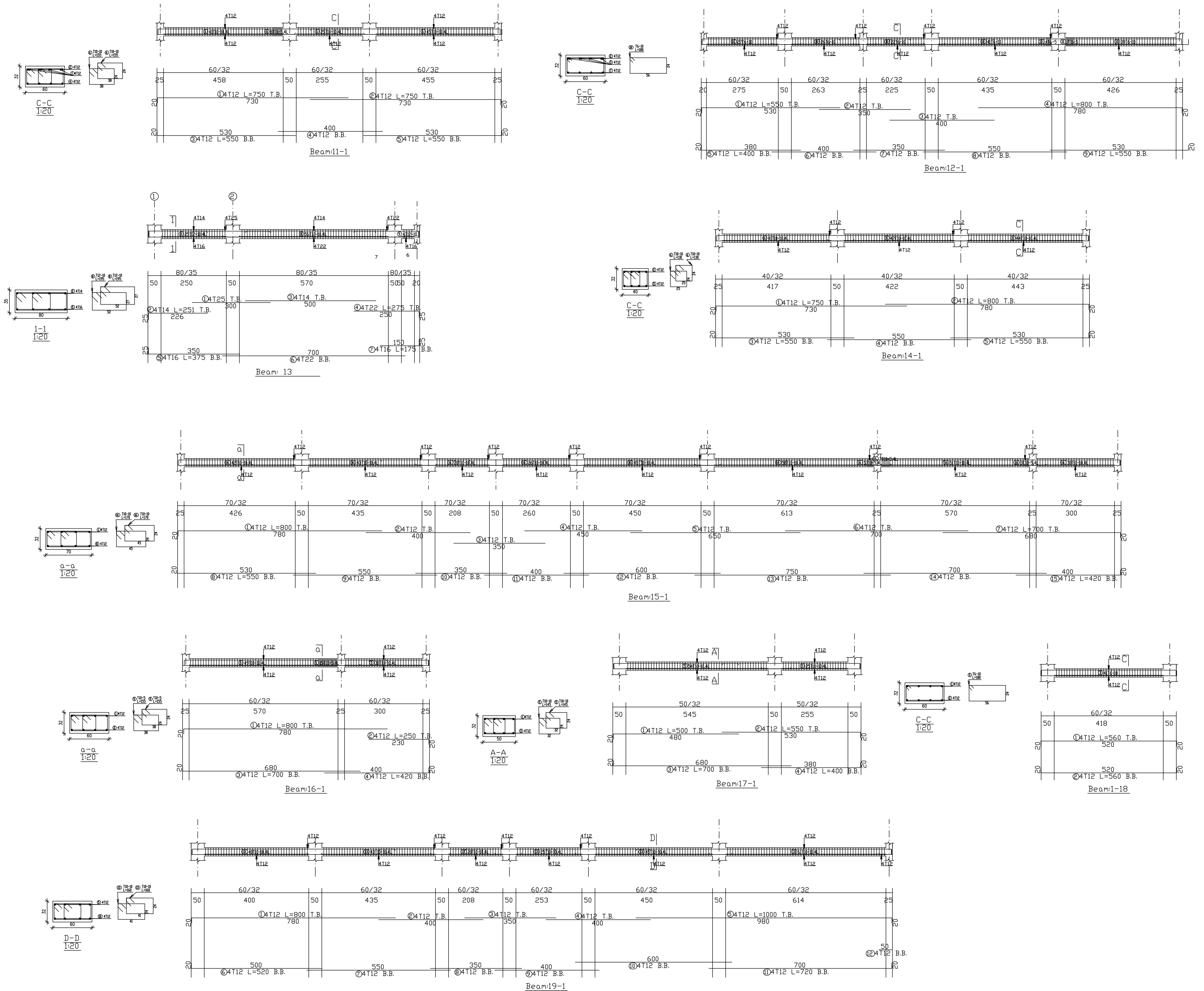
Done By :
**Carmel Awad
Muath Abusalameh
Raed Hassouneh
Mohammad Abuhour**

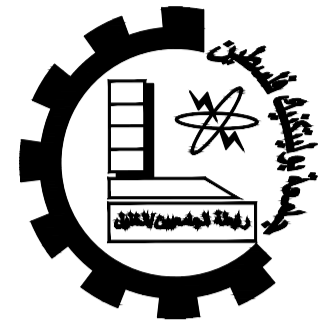
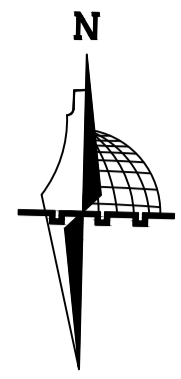
Drawing Title:
*Details of
Beams (Ground)*

Scale : 1/50

Sheet NO : S 11

Date :
15/8/2021





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Supervisor :
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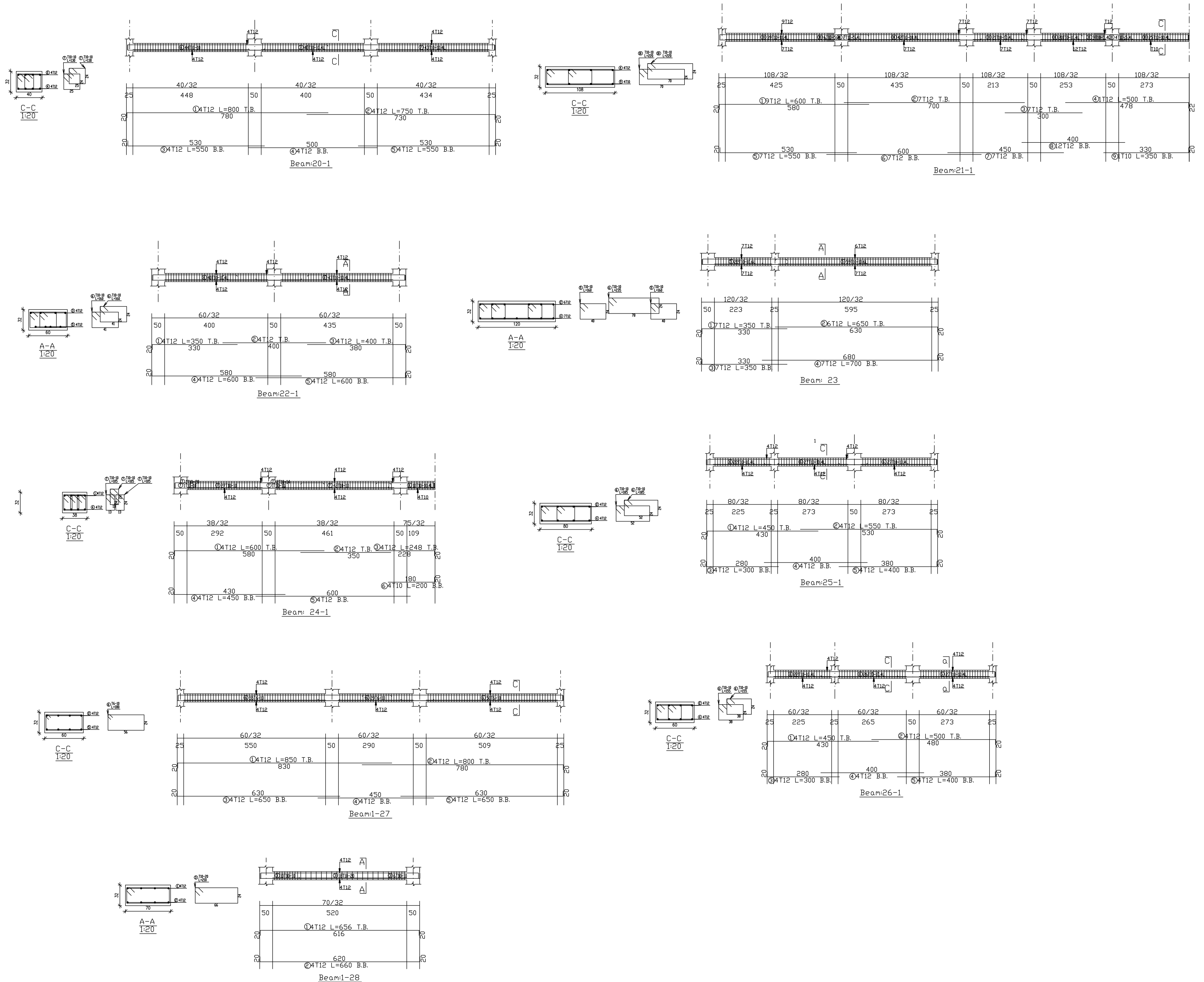
Done By :
**Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour**

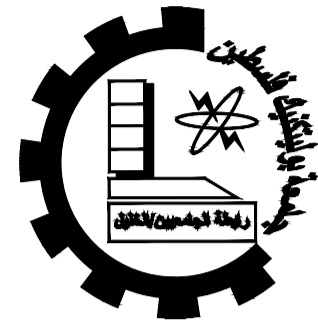
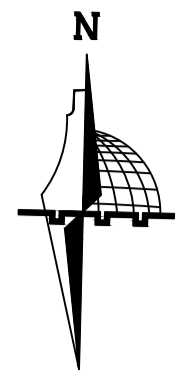
Drawing Title:
*Details of
Beams (Ground)*

Scale : 1/50

Sheet NO : S 12

Date :
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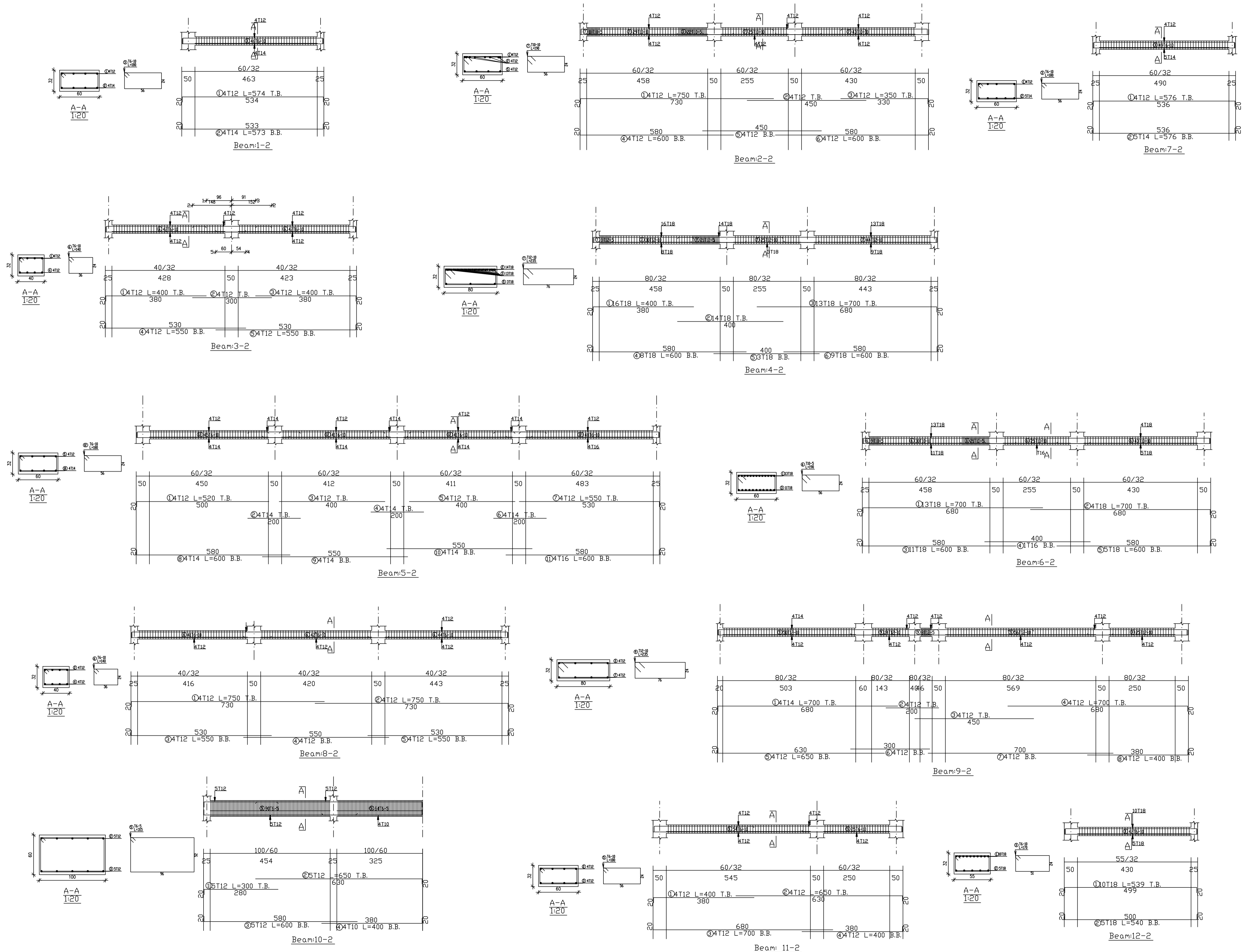
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**Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour**

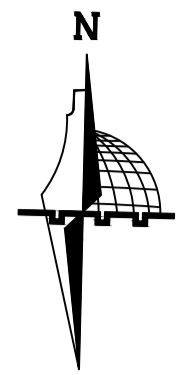
Drawing Title:
*Details of
Beams (First)*

Scale : 1/50

Sheet NO : S 13

Date : 15/8/2021





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Supervisor :

Dr.Nafez Nasreideen

Done By :

Carmel Awad

Muath Abusalameh

Raed Hassounch

Mohammad Abuhour

Drawing Title:

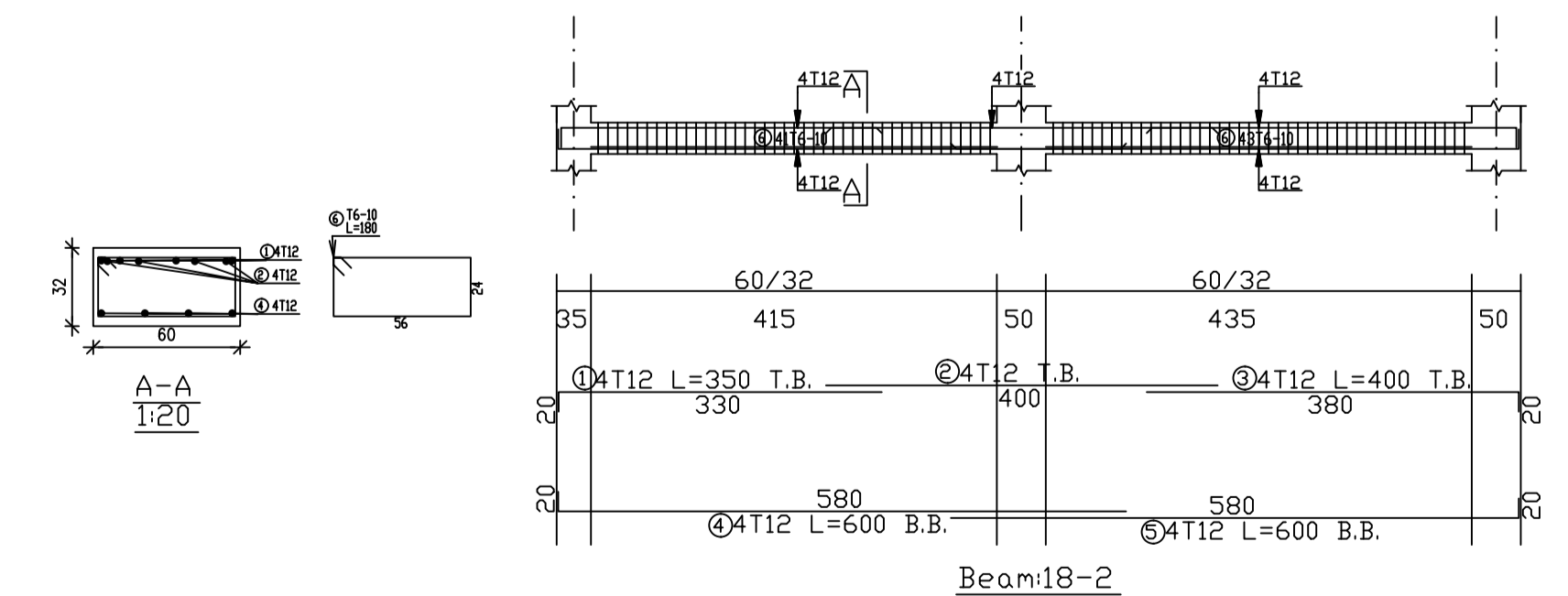
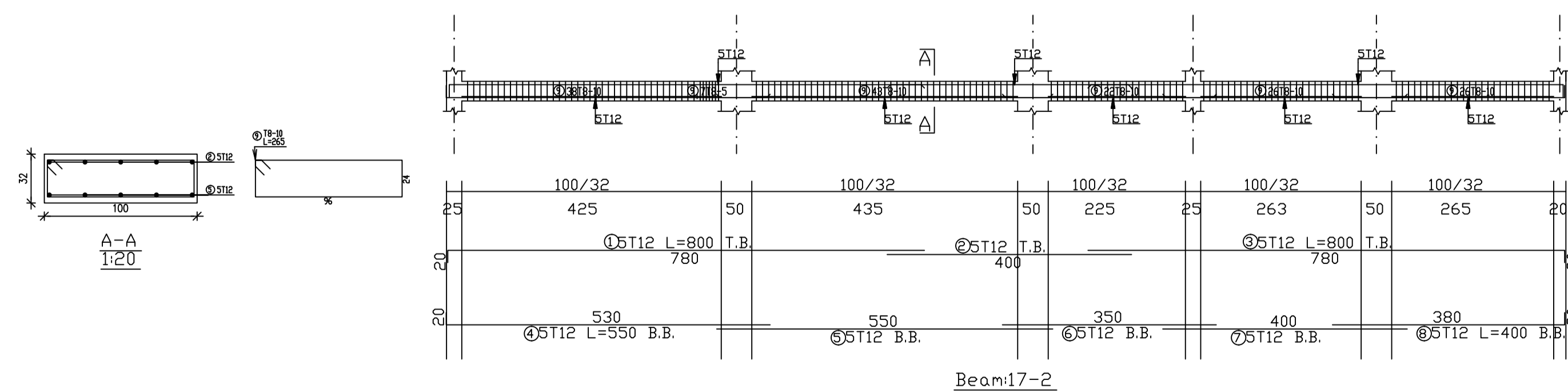
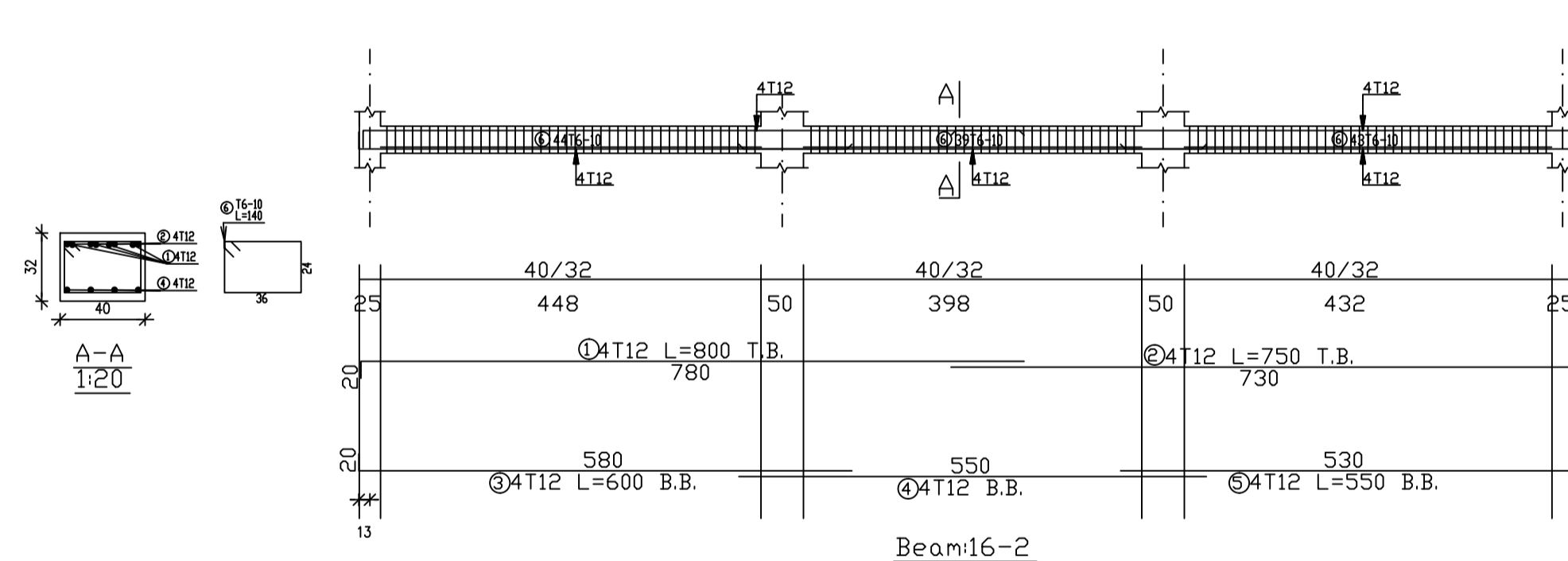
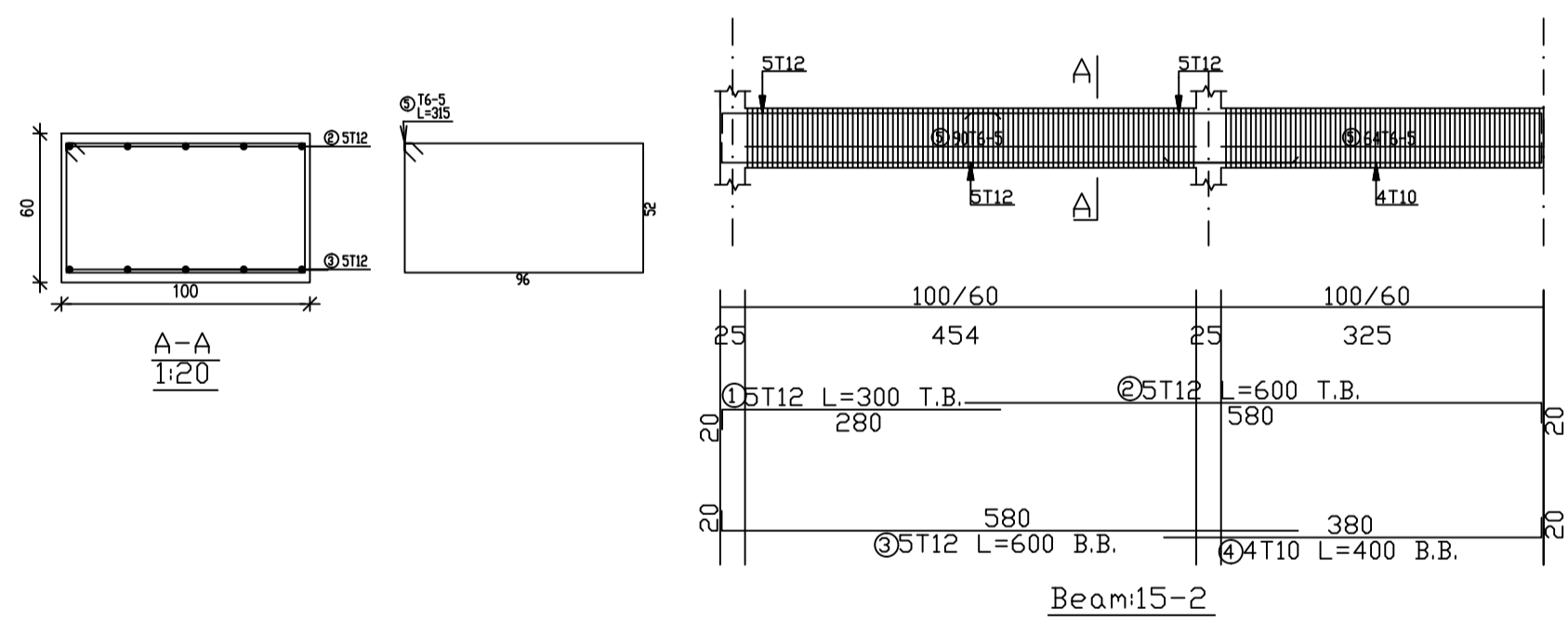
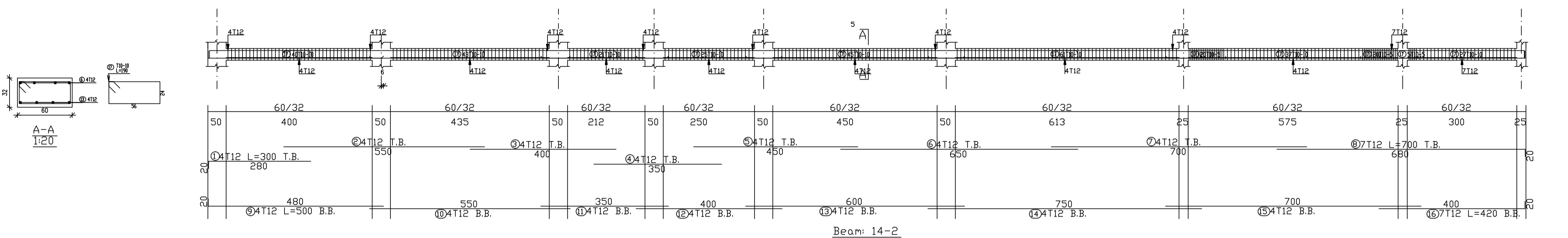
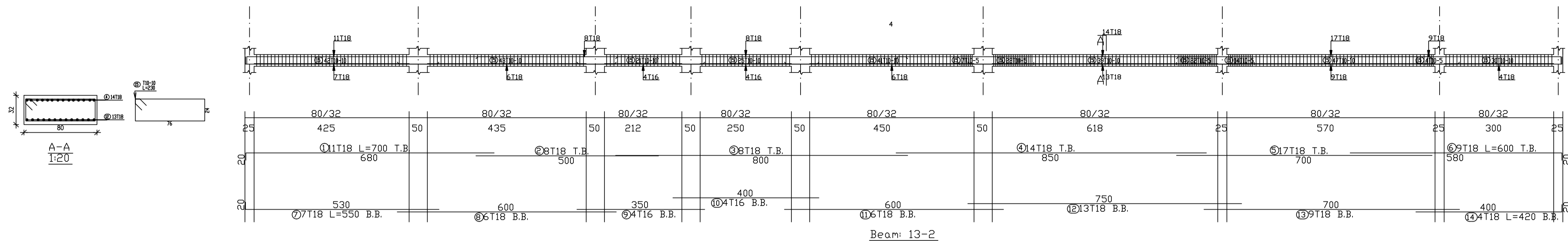
Details of
Beams (First)

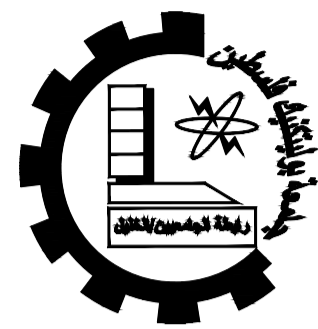
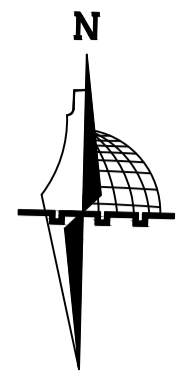
Scale : 1/50

Sheet NO : S 14

Date :

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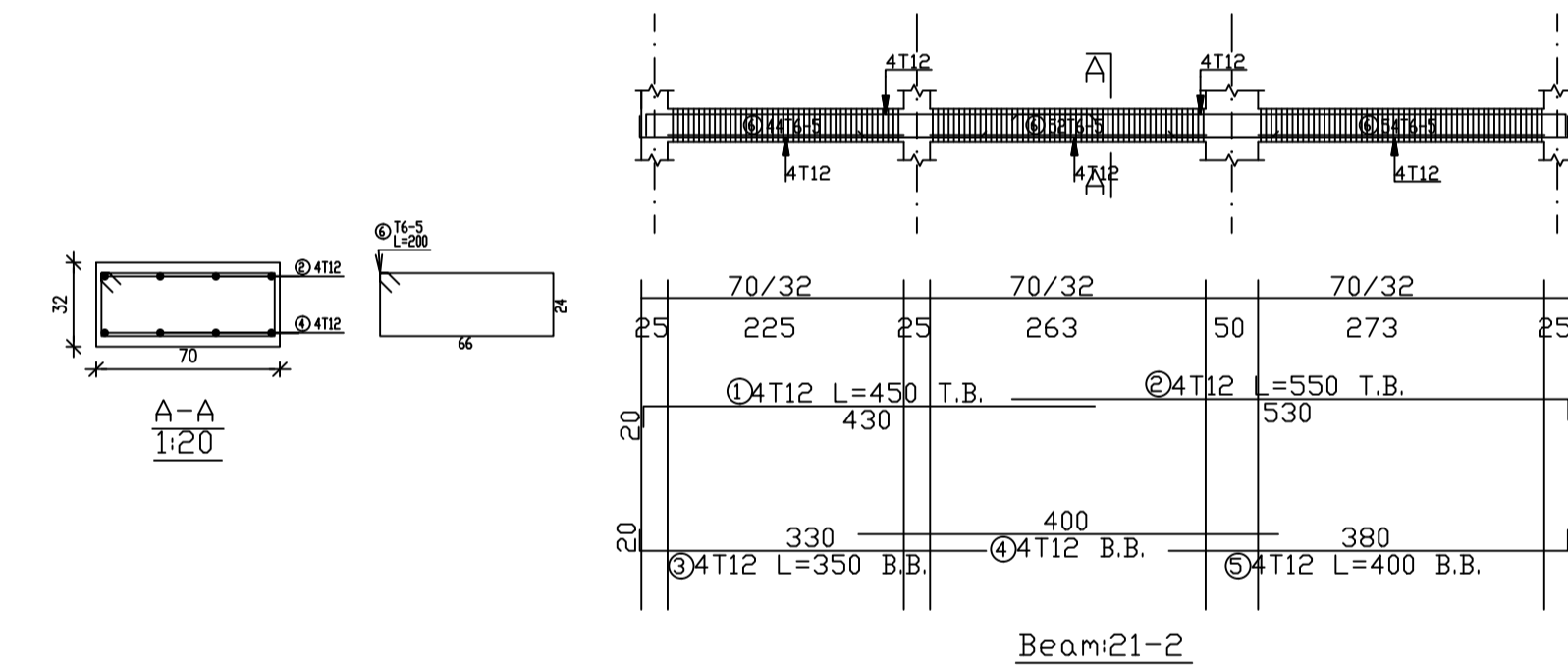
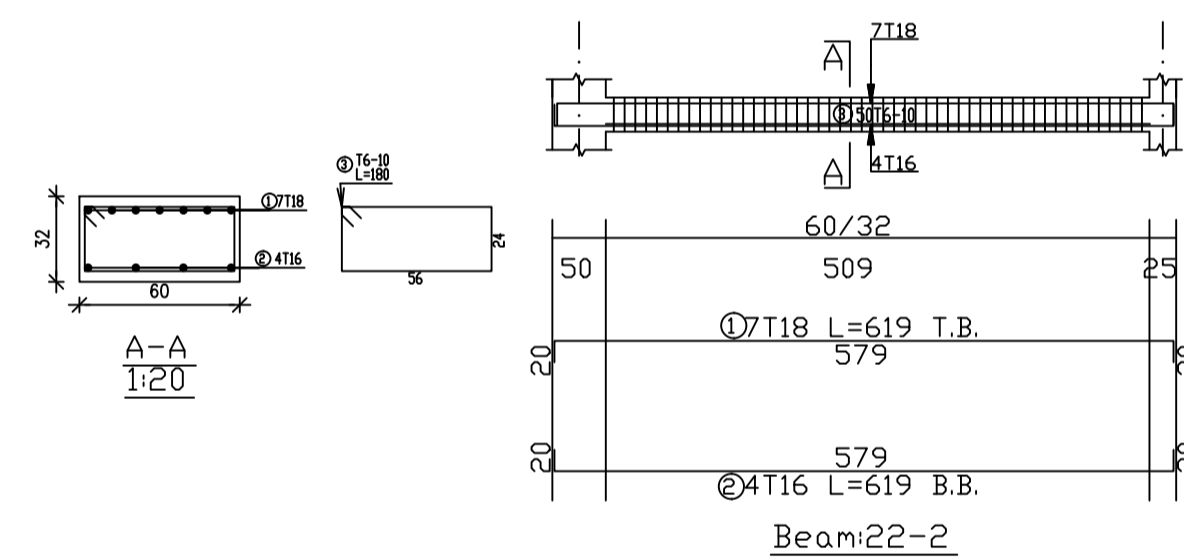
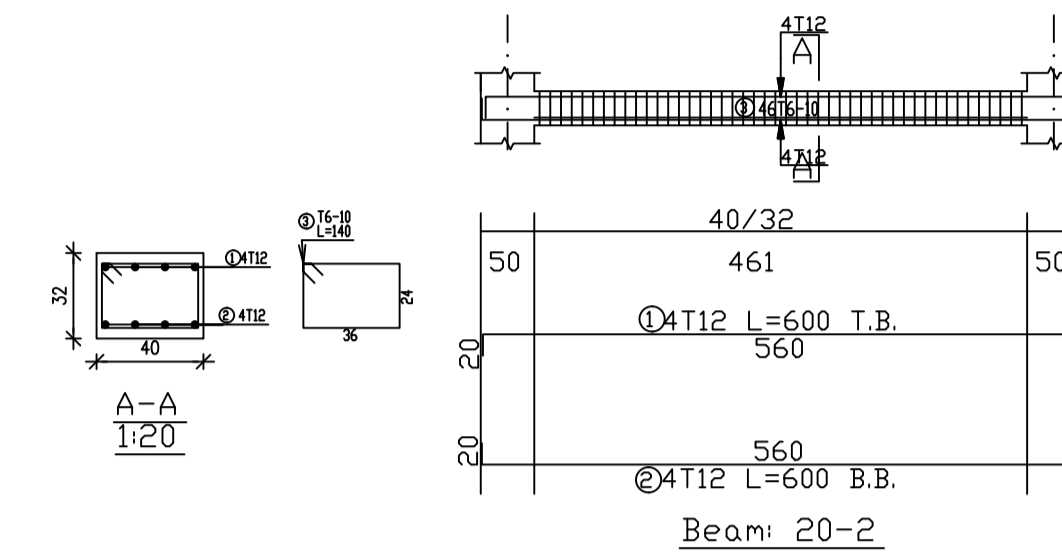
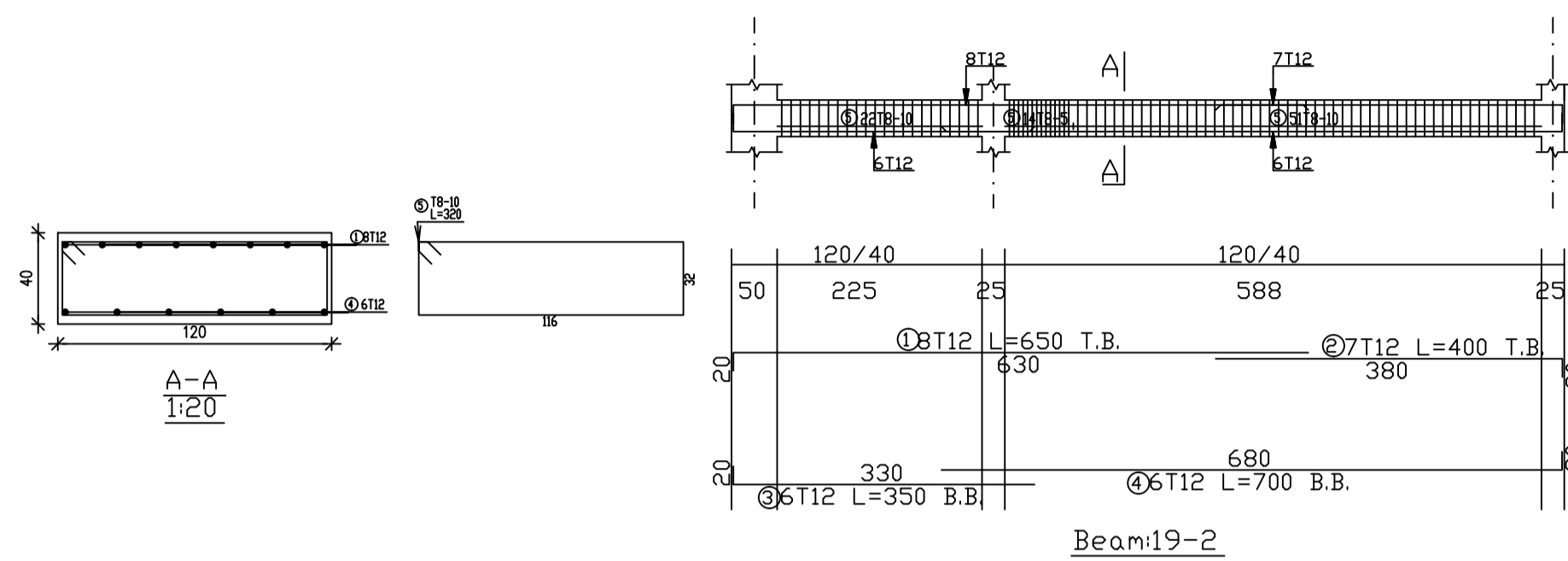
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

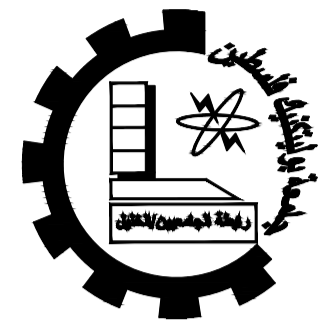
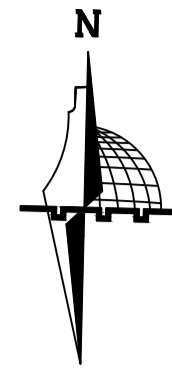
Drawing Title:
Details of
Beams (First)

Scale : 1/50

Sheet NO : S 15

Date :
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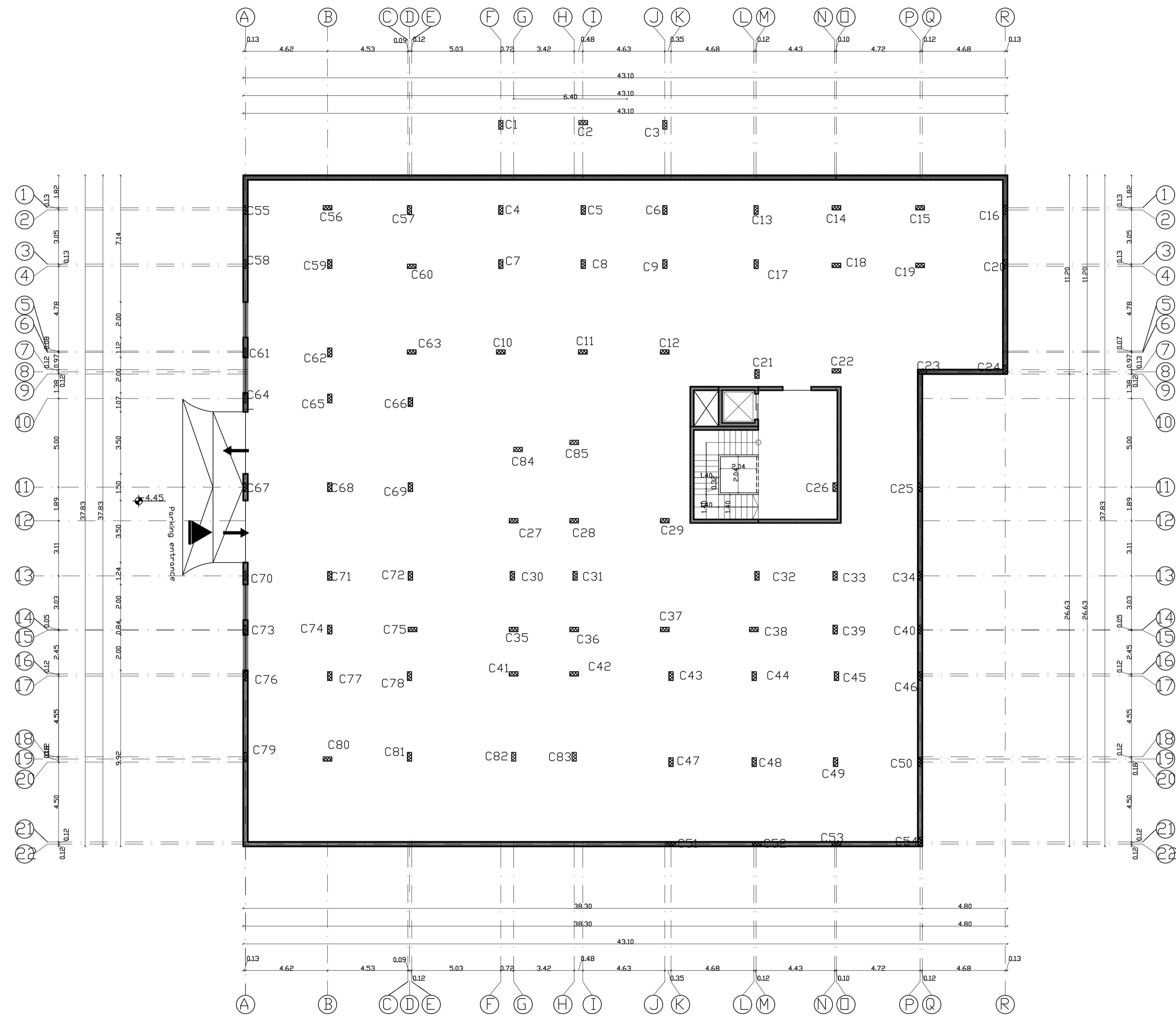
Project :
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Supervisor :
Dr.Nafez Nasreideen

Done By :
Carmel Awad
Muath Abusalameh
Raed Hassouneh
Mohammad Abuhour

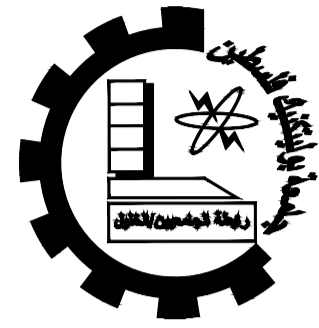
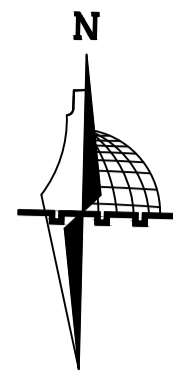
Drawing Title:
Column Plan

| | |
|-------------------|------------|
| Scale : | 1/150 |
| Sheet NO : | S16 |

Date :
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1 *Column Plan*
S16 Scale : 1-150



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Done By :
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Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

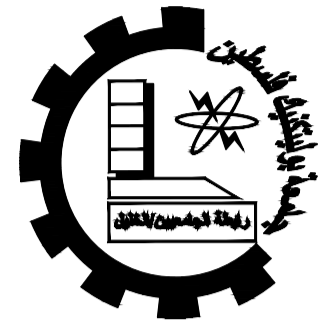
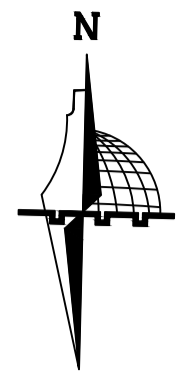
Drawing Title:
Columns Details

Scale :

Sheet NO : **S 17**

Date :
15/8/2021

| | | Ditails | |
|----|--|----------|----------|
| | Name Columns | Sections | Stirrups |
| G1 | C7,C8,C17,C18,C19,C21,C22,C26,C32,C37,C48,C49 | | |
| G2 | C1,C2,C3,C4,C6,C12,C13,C14,C15,C16,C24 C25,C27,C28,C30,C34,C35,C36,C39,C40,C41,C42 C43,C46,C47,C50,C51,C52,C54,C55,C56,C57,C58 C60,C61,C63,C64,C66,C67,C69,C70,C72,C73,C74 C75,C76,C79,C80,C81,C82,C83,C84,C85 | | |
| G3 | C5,C9,C10,C11,C23,C29,C31,C33,C38,C44,C45 C53,C59,C62,C65,C68,C71,C77,C78 | | |



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Done By :
Carmel Awad
Muath Abusalameh
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Mohammad Abuhour

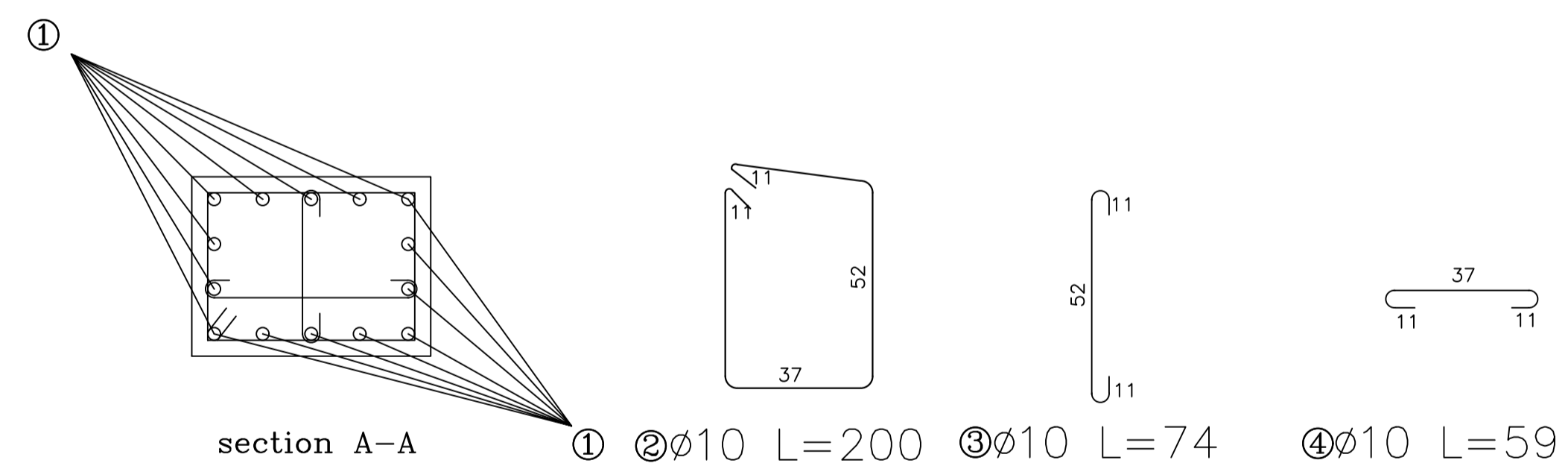
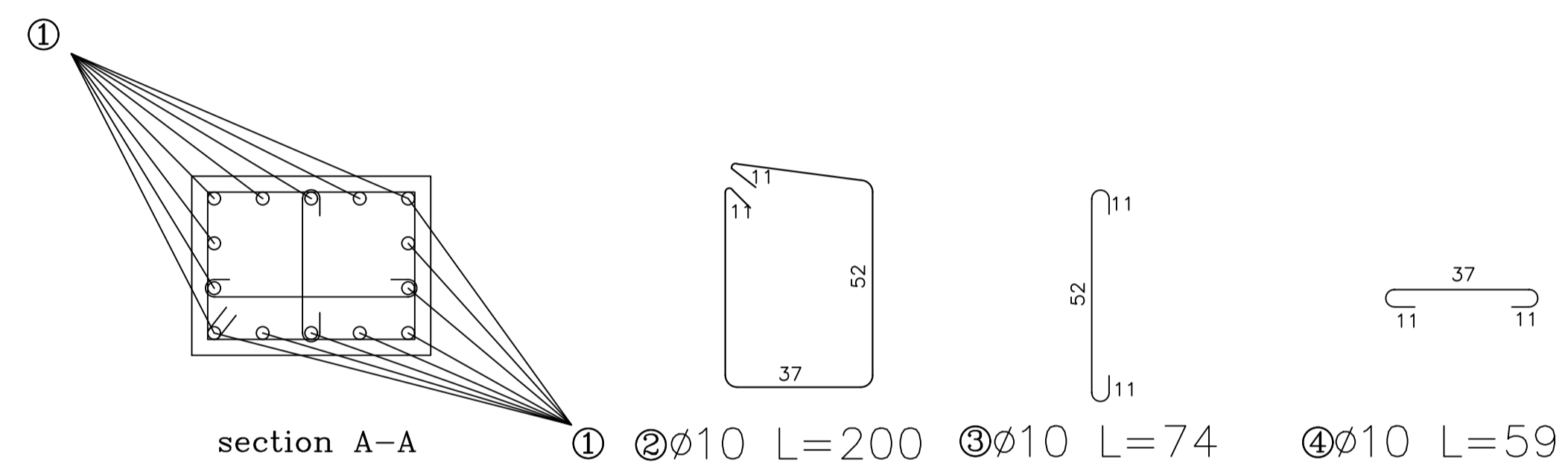
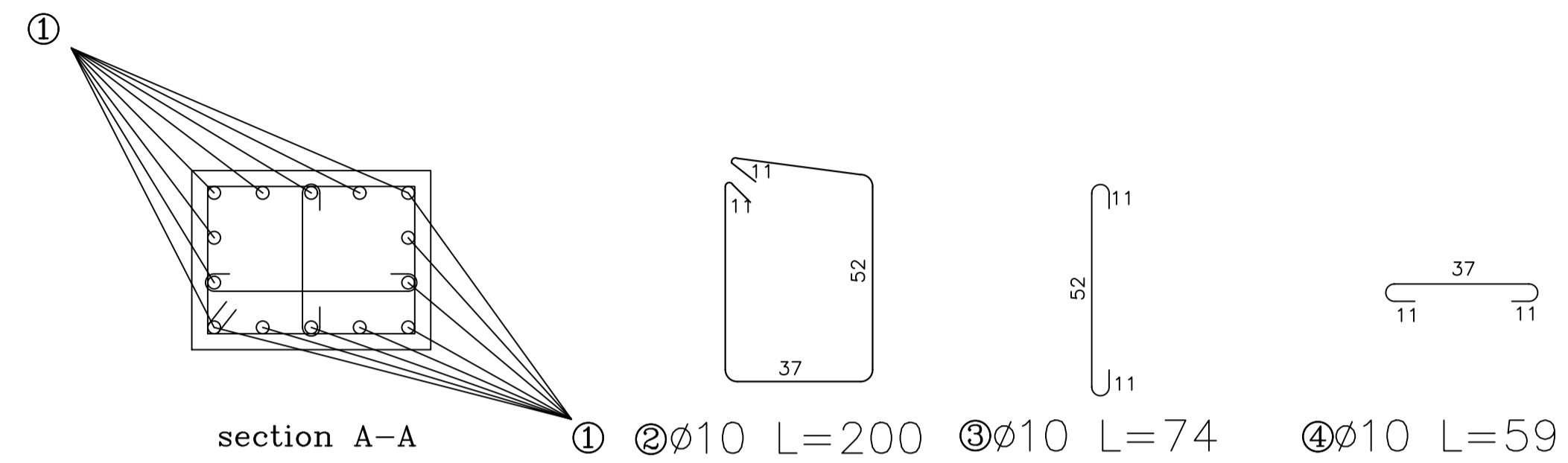
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Columns Details

Scale : 1/50

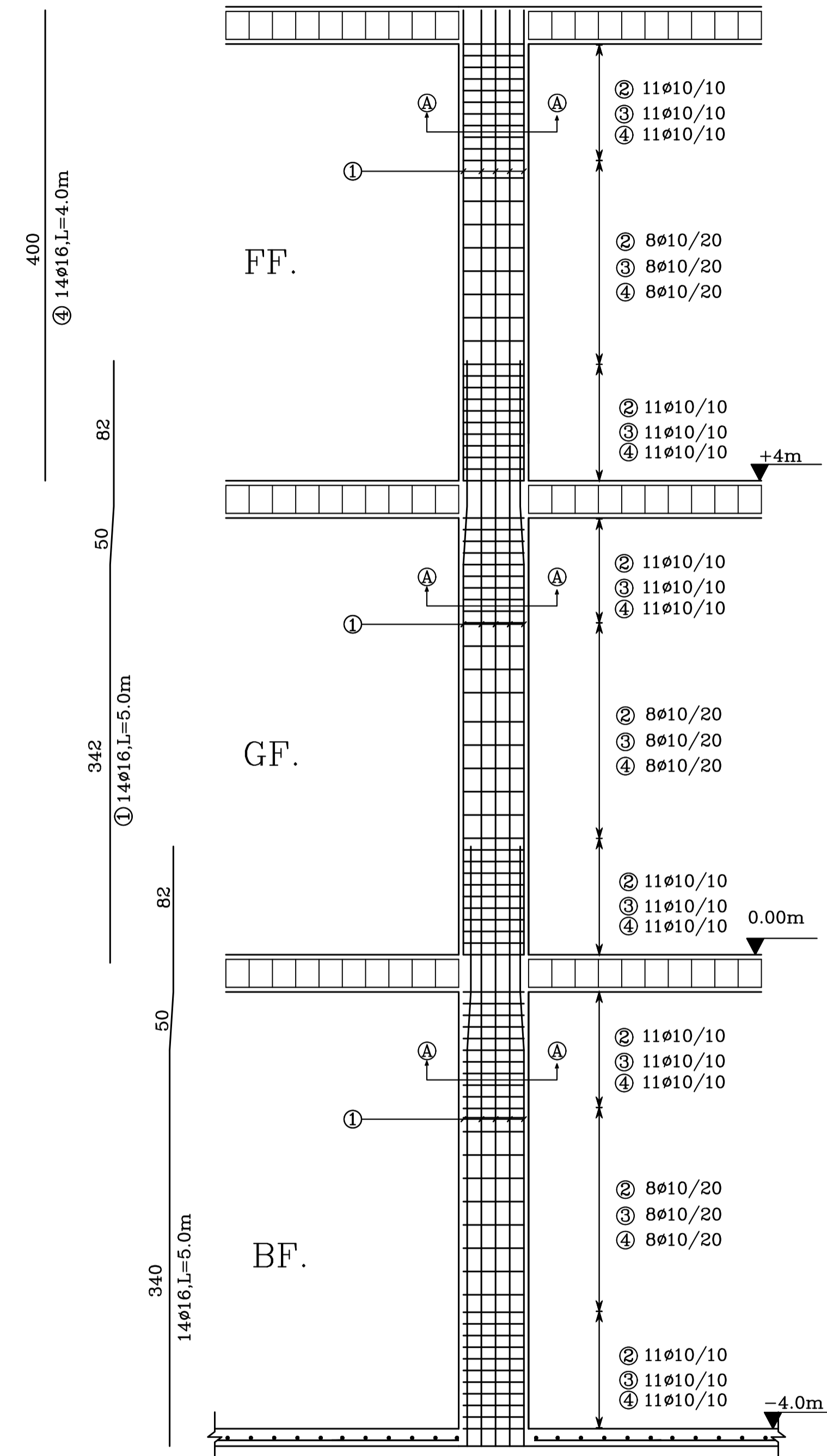
Sheet NO : S 18

Date :
15/8/2021

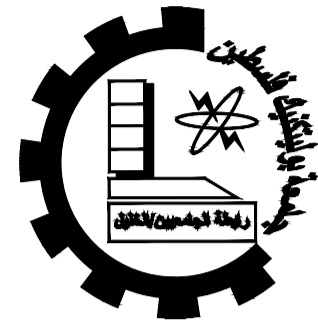
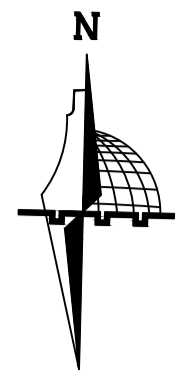
Group1



Scale 1:20



Scale 1:50



Palestine Polytechnic University
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Architectural and Civil
Engineering Department

Project :
*Structural
Design of
AL-Najah
National
University
Museum*
Supervisor :
Dr.Nafez Nasreideen

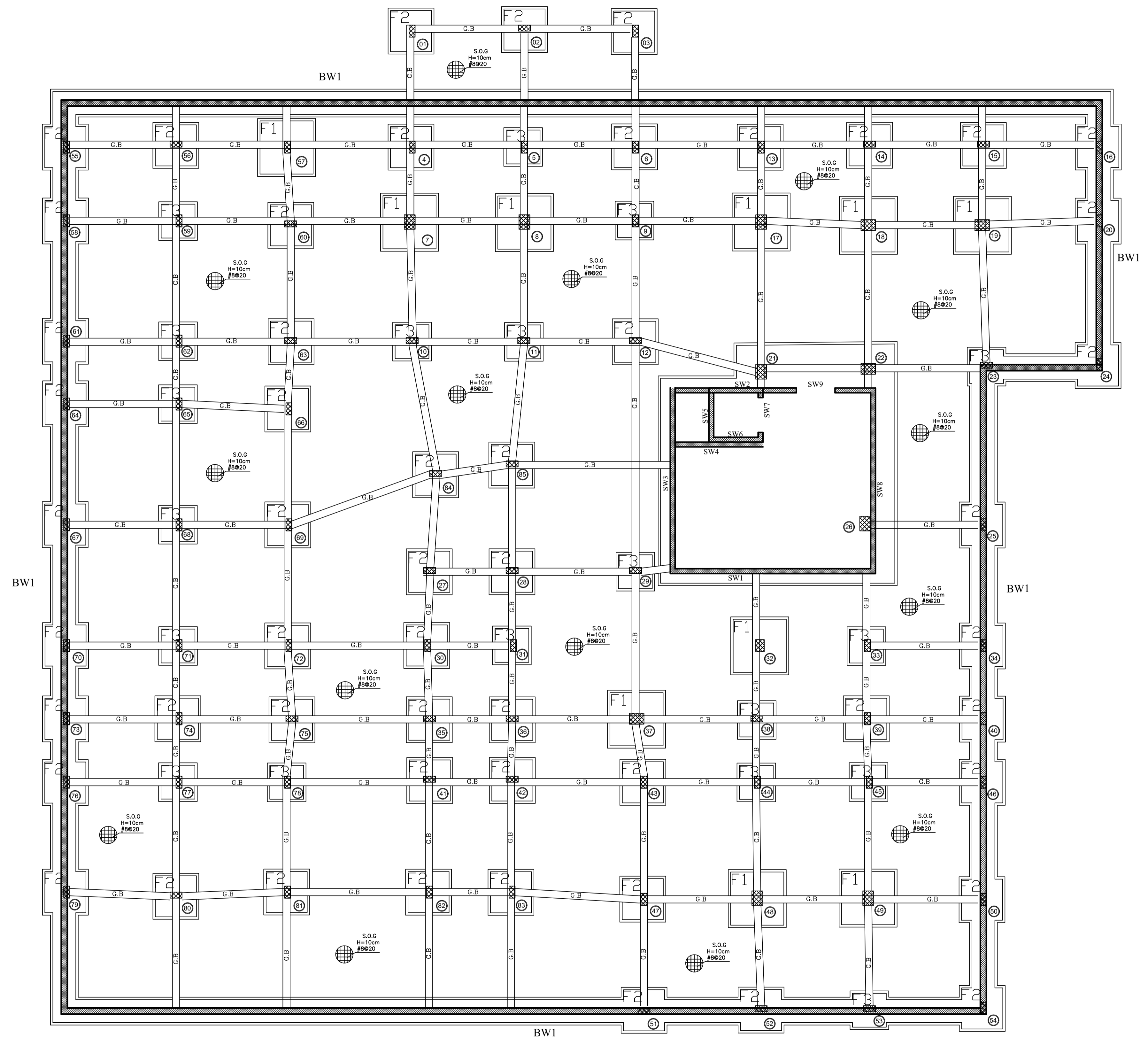
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

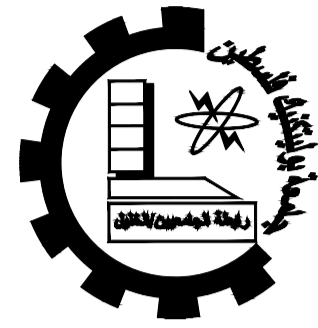
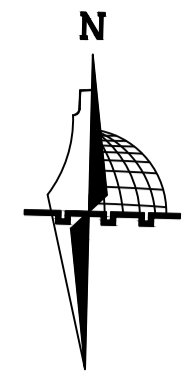
Drawing Title:
Foundation Plane

Scale : **1/100**

Sheet NO : **S 21**

Date : **15/8/2021**





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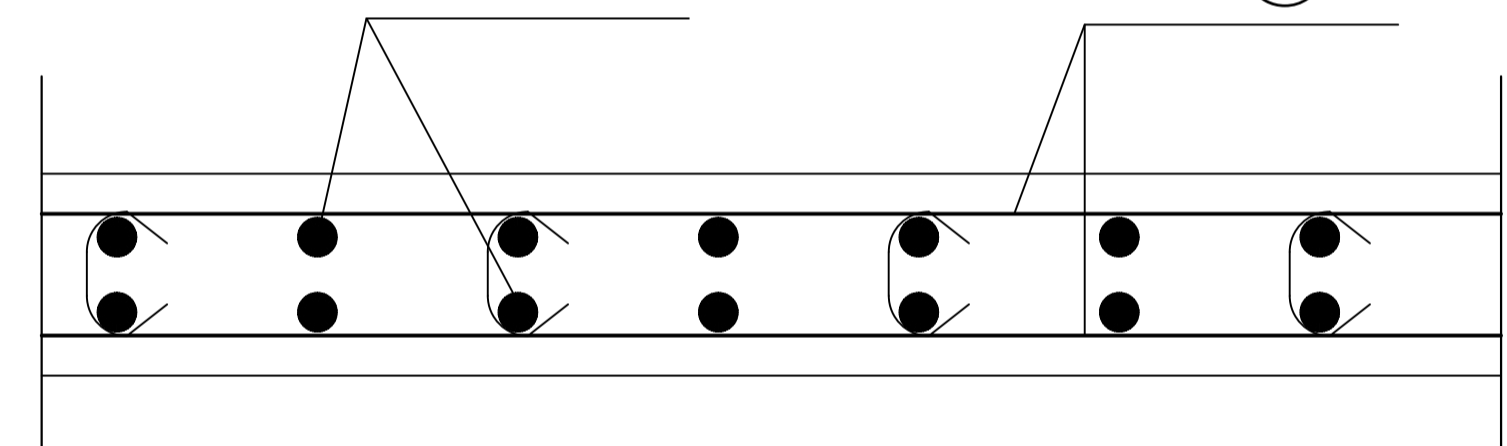
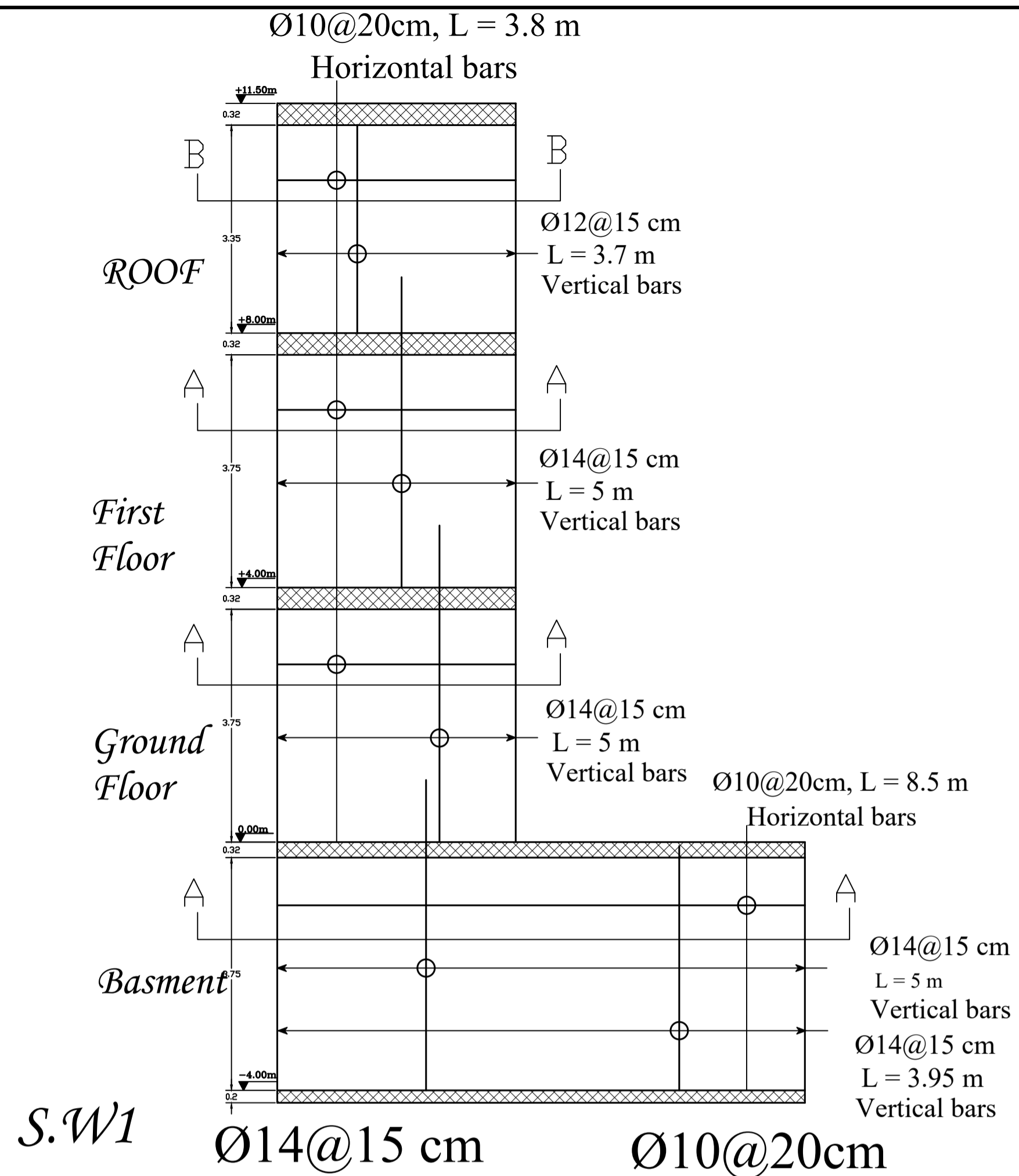
Project :
*Structural Design of
AL-Najah National
University
Museum*
Supervisor :
Dr.Nafez Nasreideen

Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

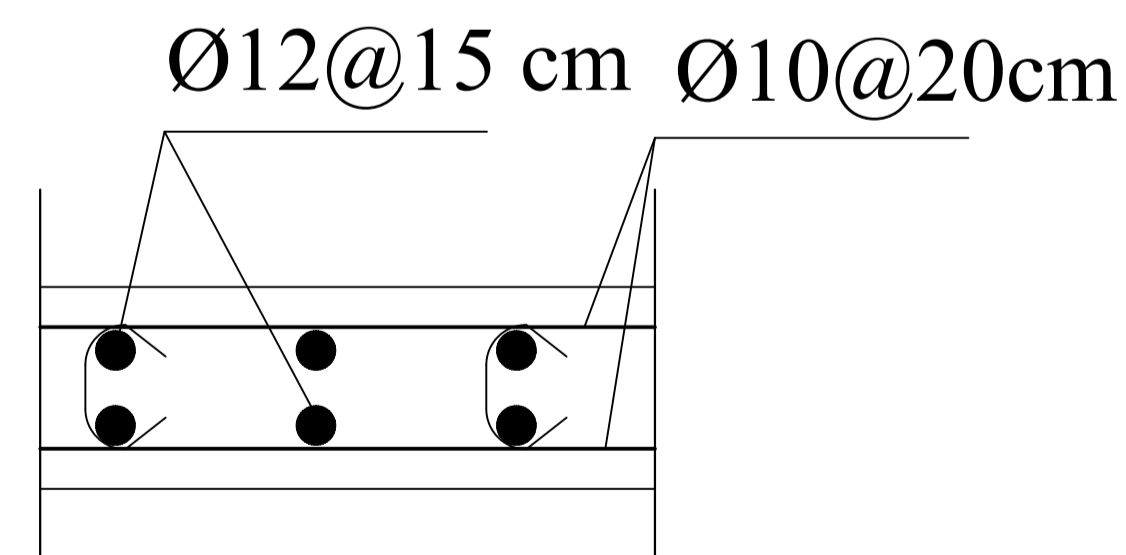
Drawing Title:
Shear Wall Details

| | |
|-------------------|-------------|
| Scale : | 1/50 |
| Sheet NO : | S 22 |

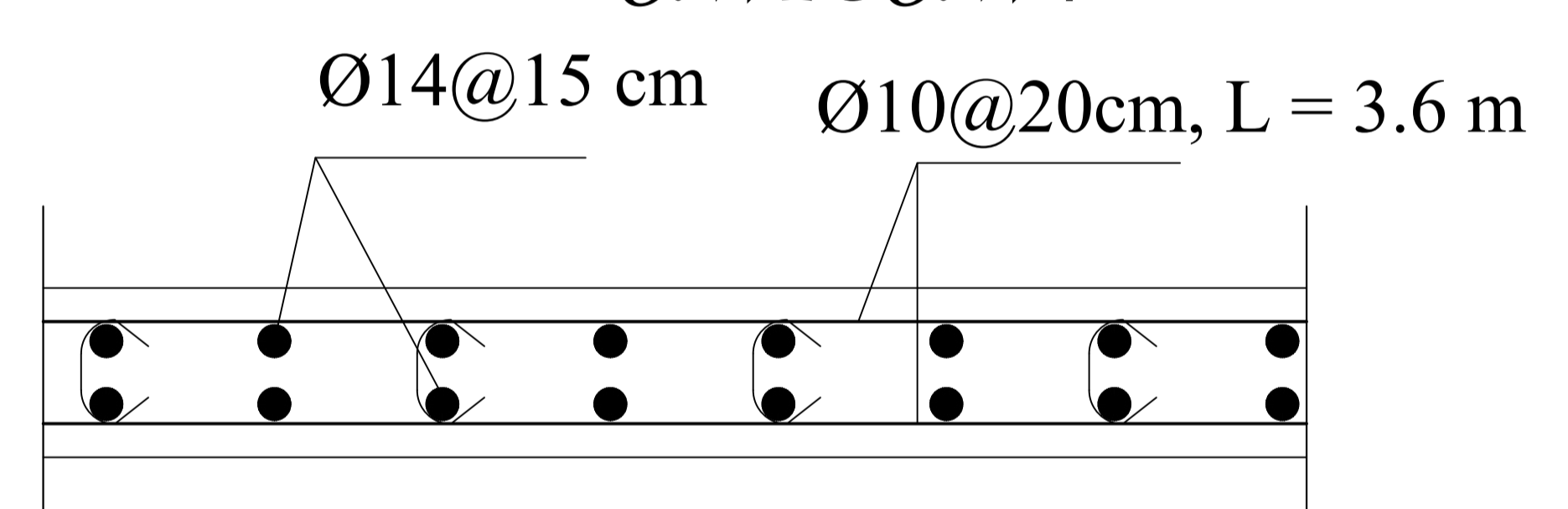
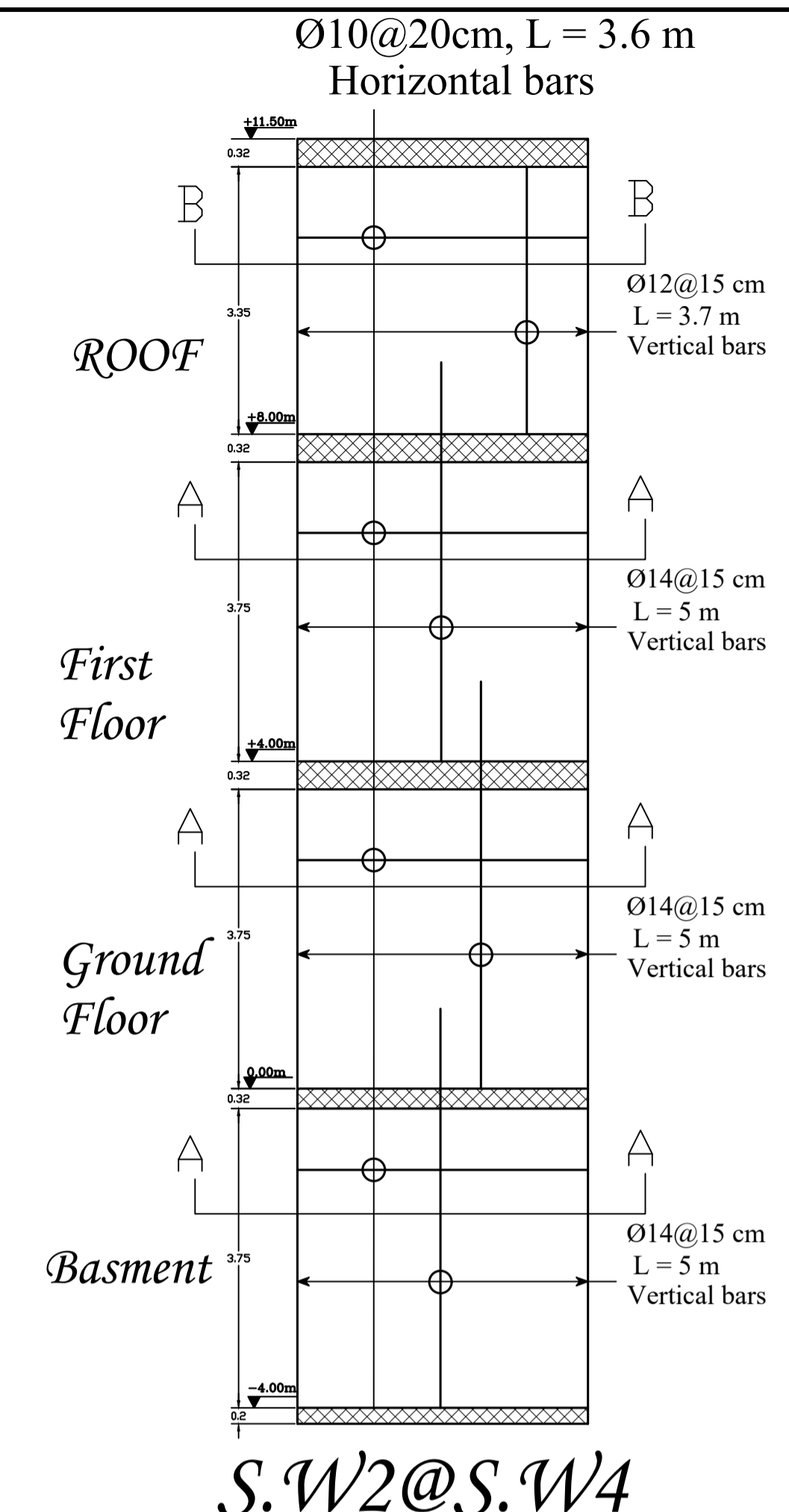
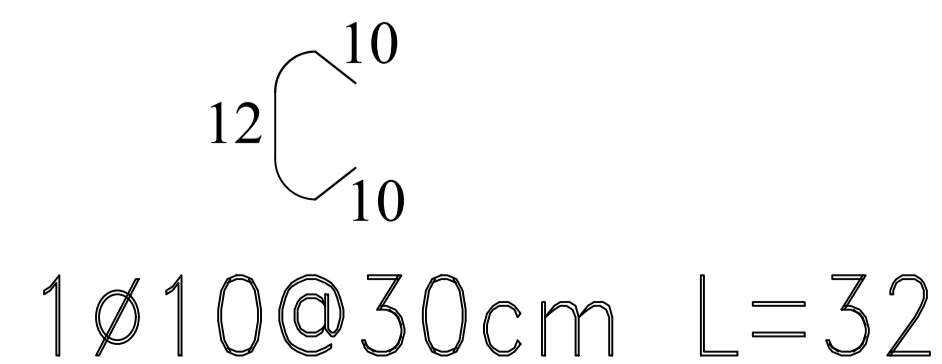
Date :
15/8/2021



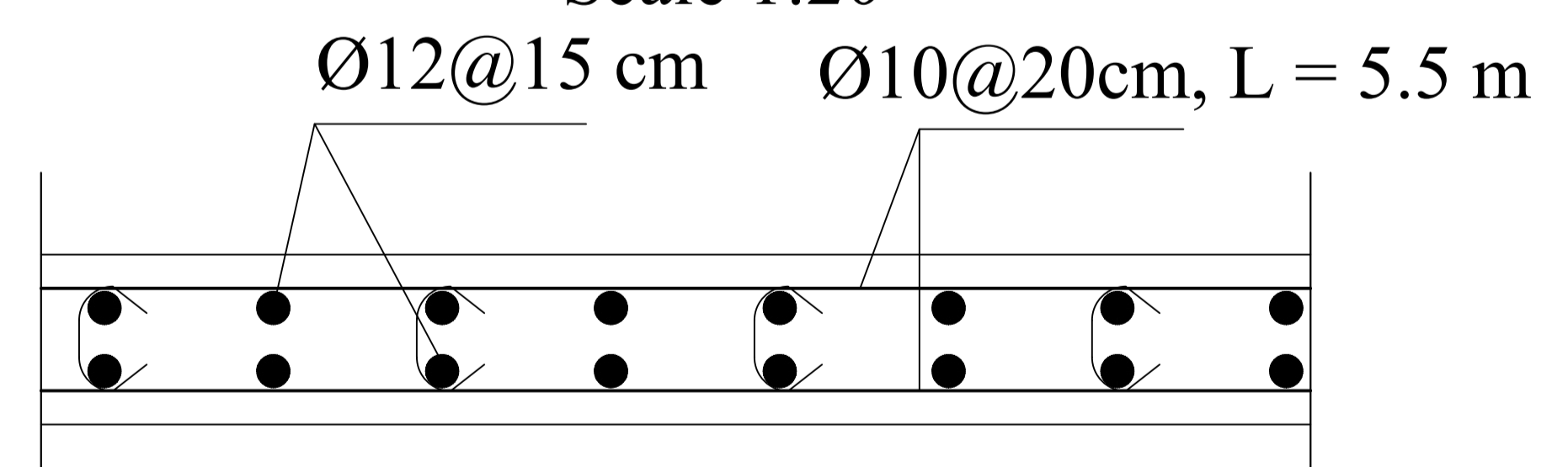
Section A-A
Scale 1:20



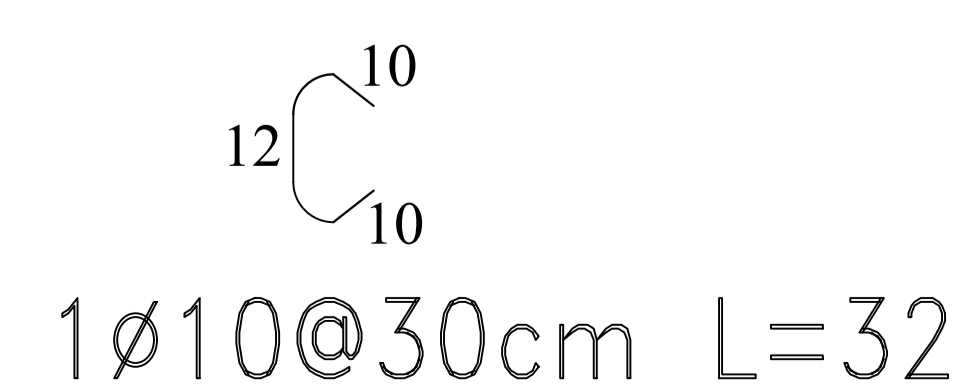
Section B-B
Scale 1:20

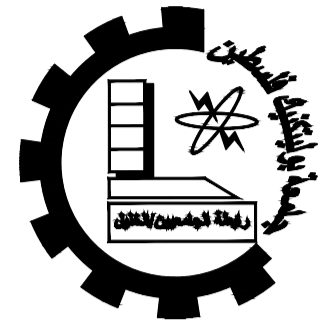
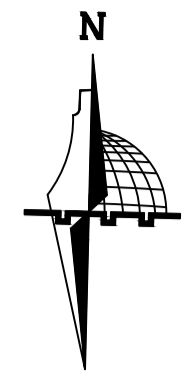


Section A-A
Scale 1:20



Section B-B
Scale 1:20





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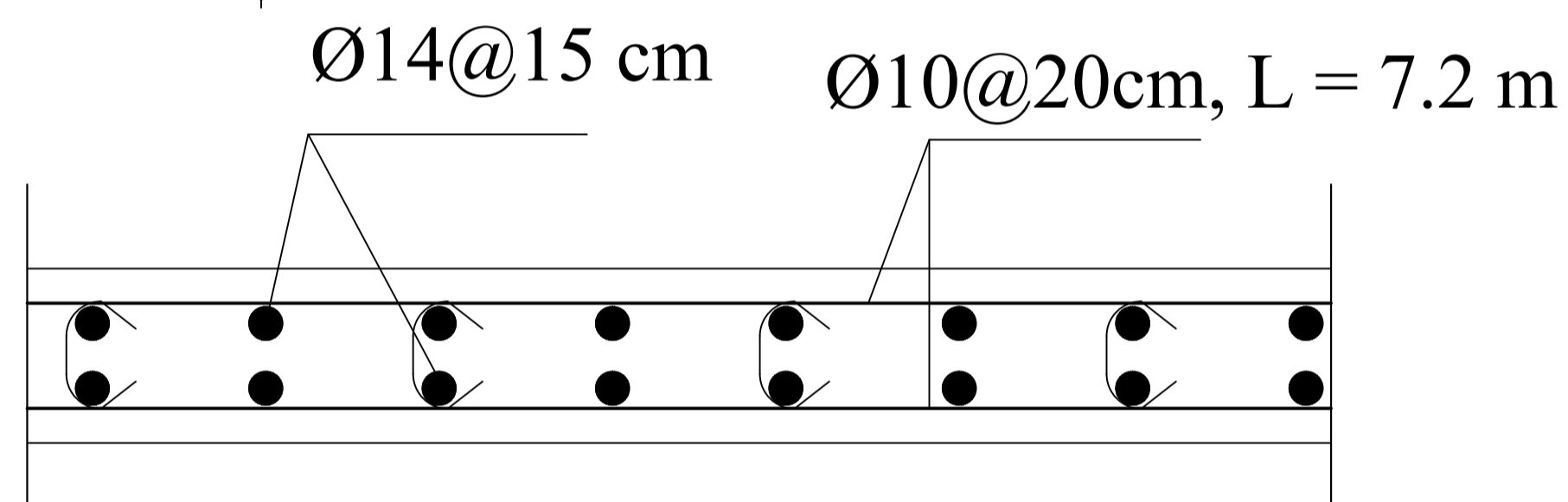
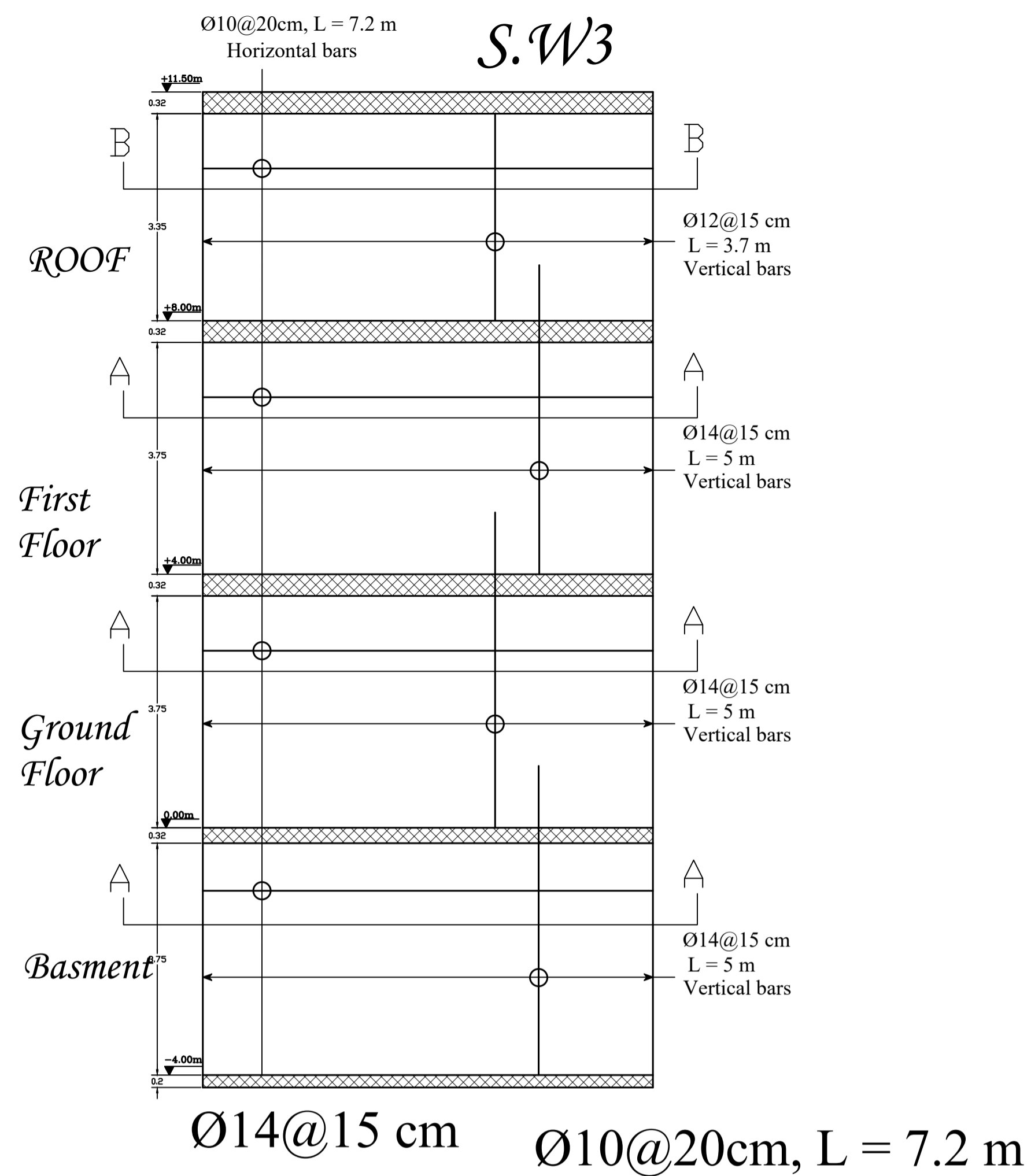
Project :
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Museum*
Supervisor :
Dr.Nafez Nasreideen

Done By :
Carmel Awad
Muath Abusalameh
Raed Hassouneh
Mohammad Abuhour

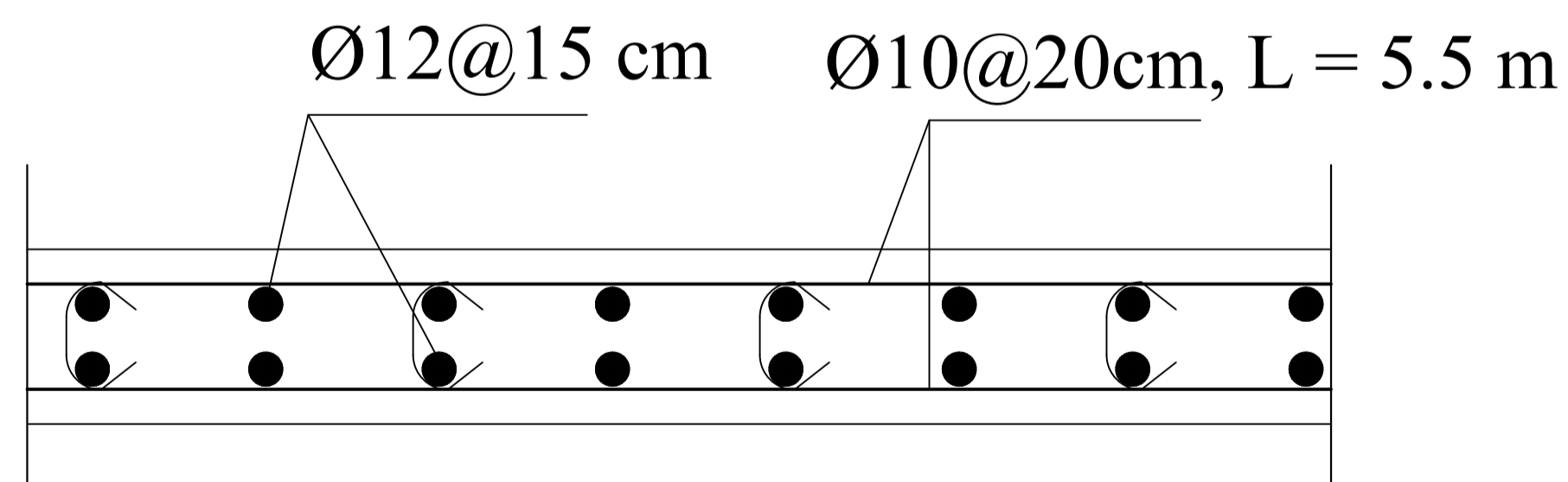
Drawing Title:
Shear Wall Details

| | |
|-------------------|-------------|
| Scale : | 1/50 |
| Sheet NO : | S 23 |

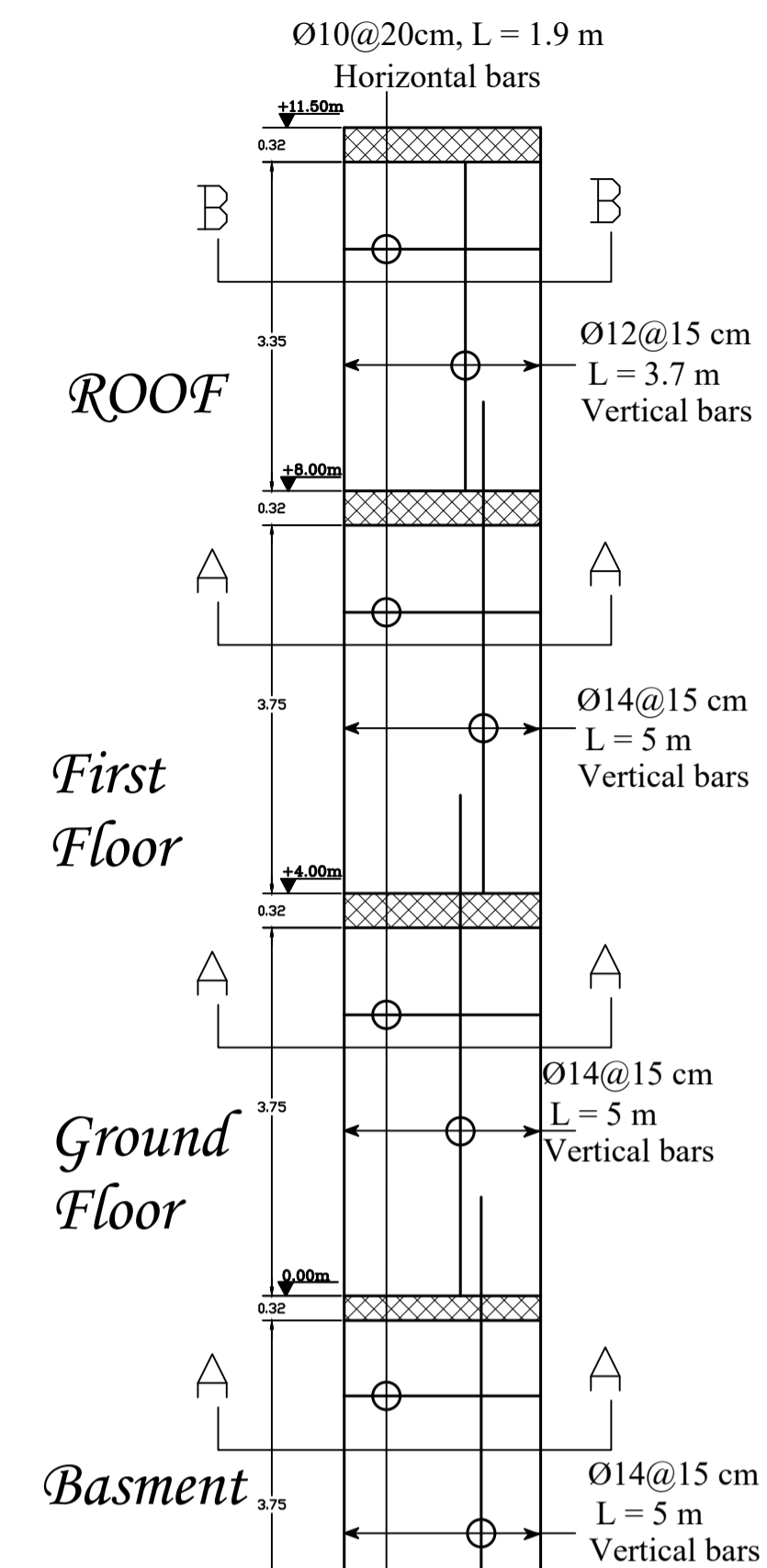
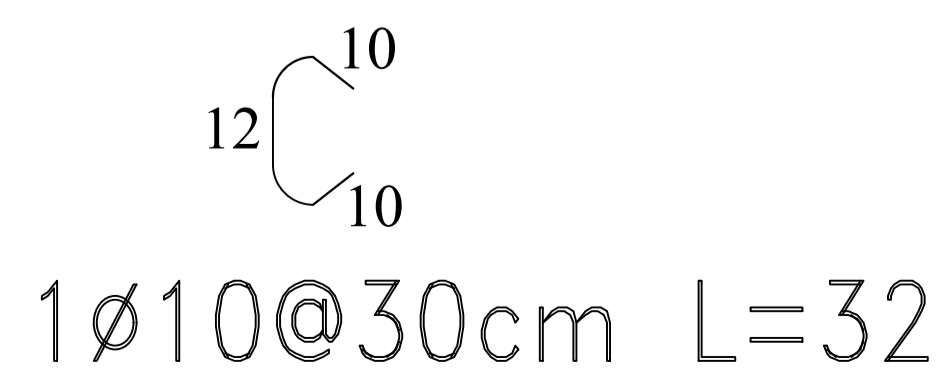
Date :
15/8/2021



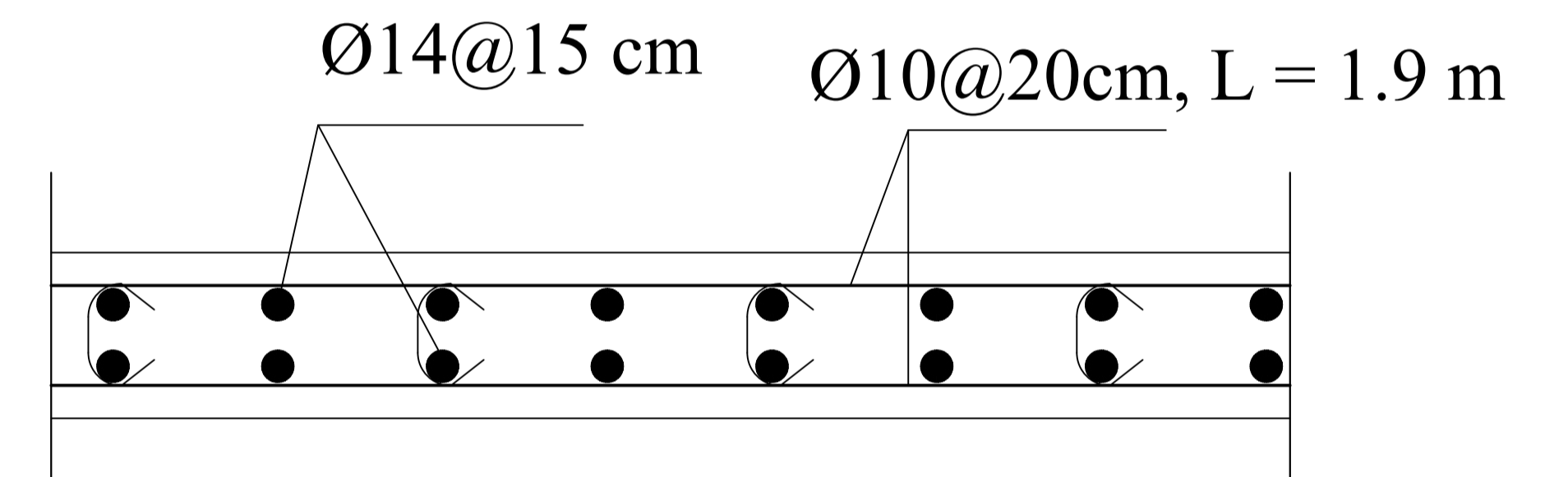
Section A-A
Scale 1:20



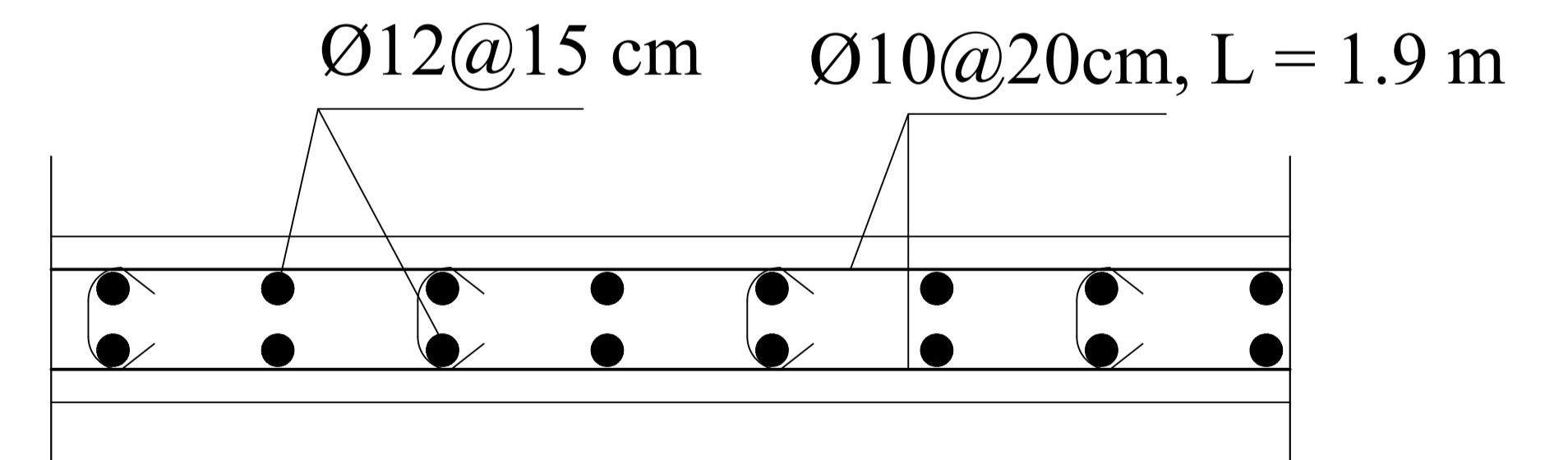
Section B-B
Scale 1:20



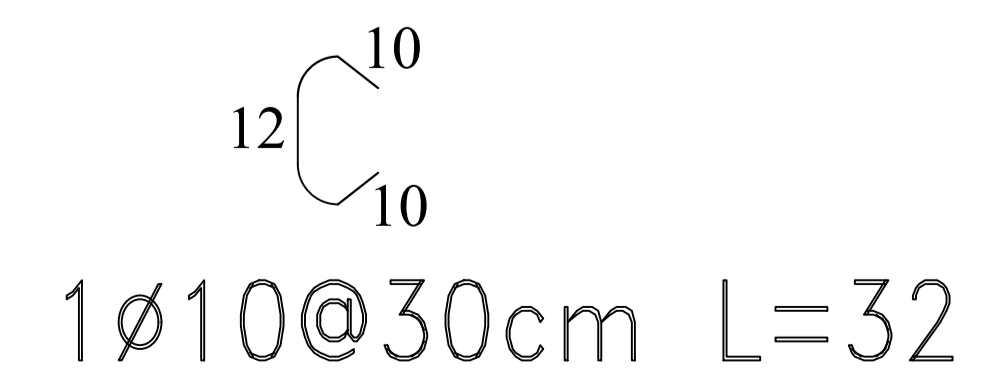
S.W5

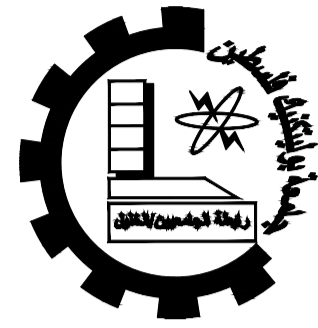
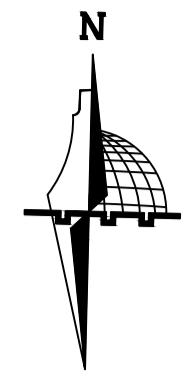


Section A-A
Scale 1:20



Section B-B
Scale 1:20





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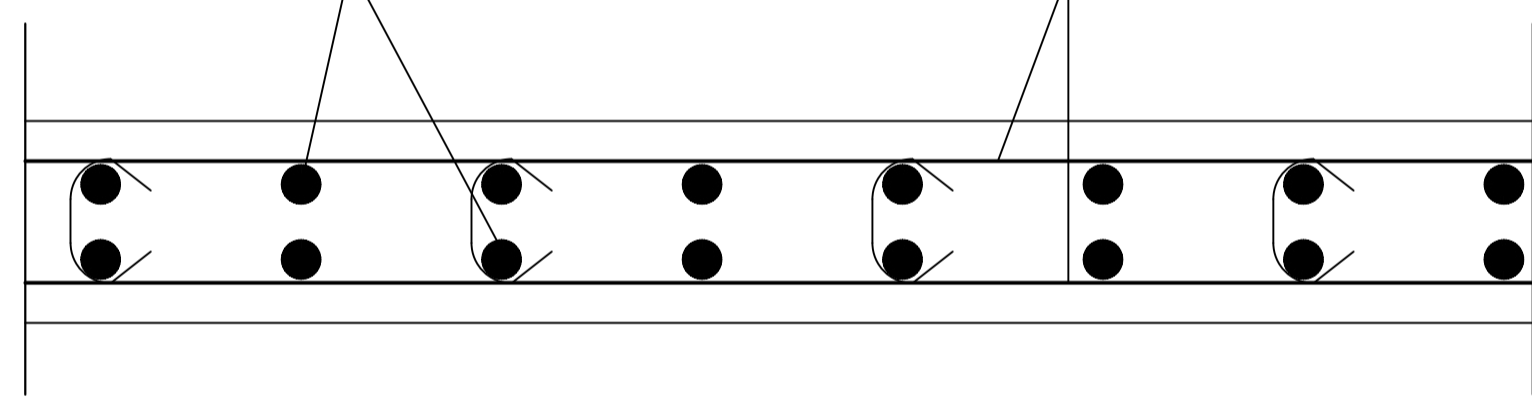
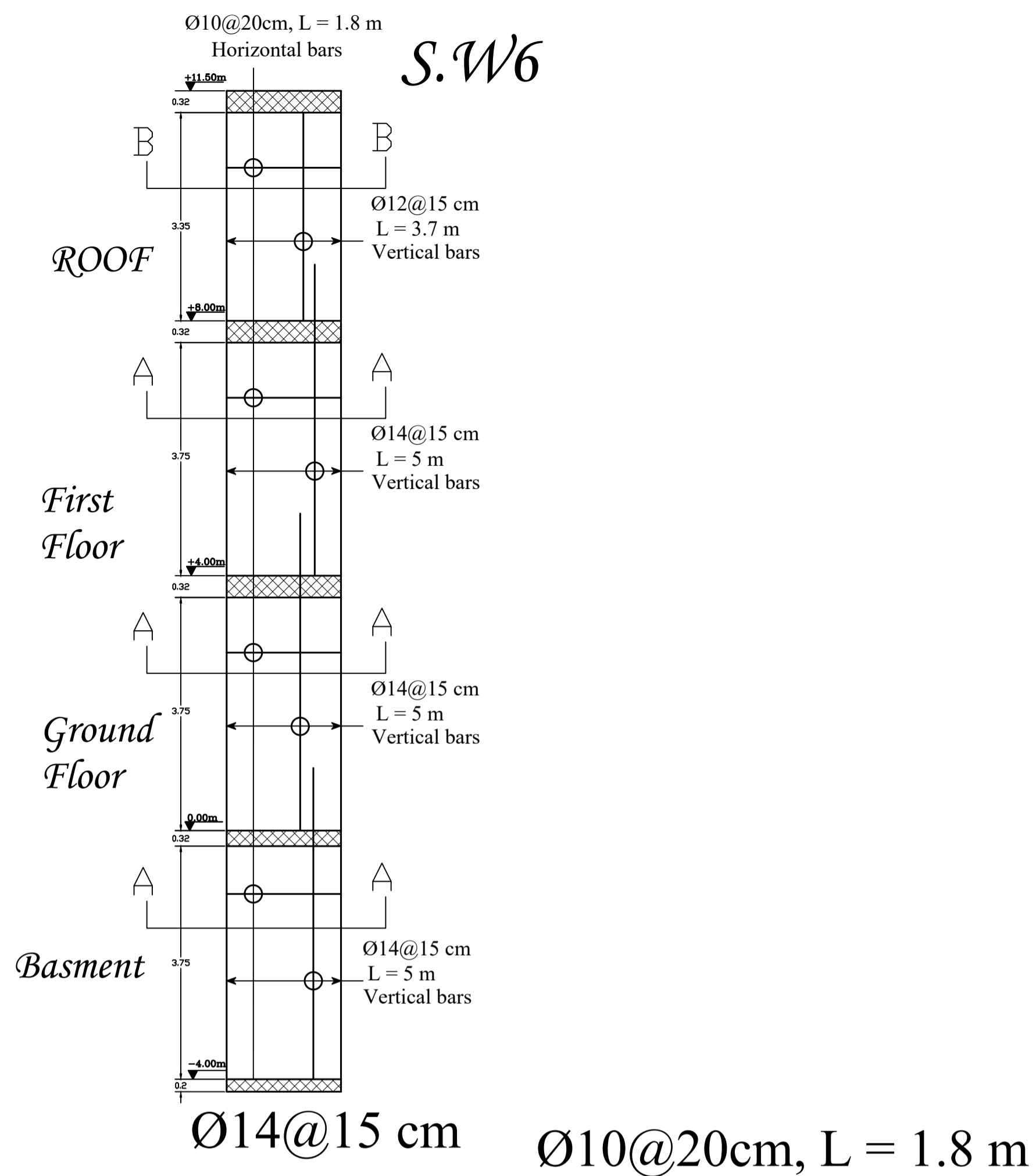
Project :
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AL-Najah
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Museum
Supervisor :
Dr.Nafez Nasreideen

Done By :
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Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

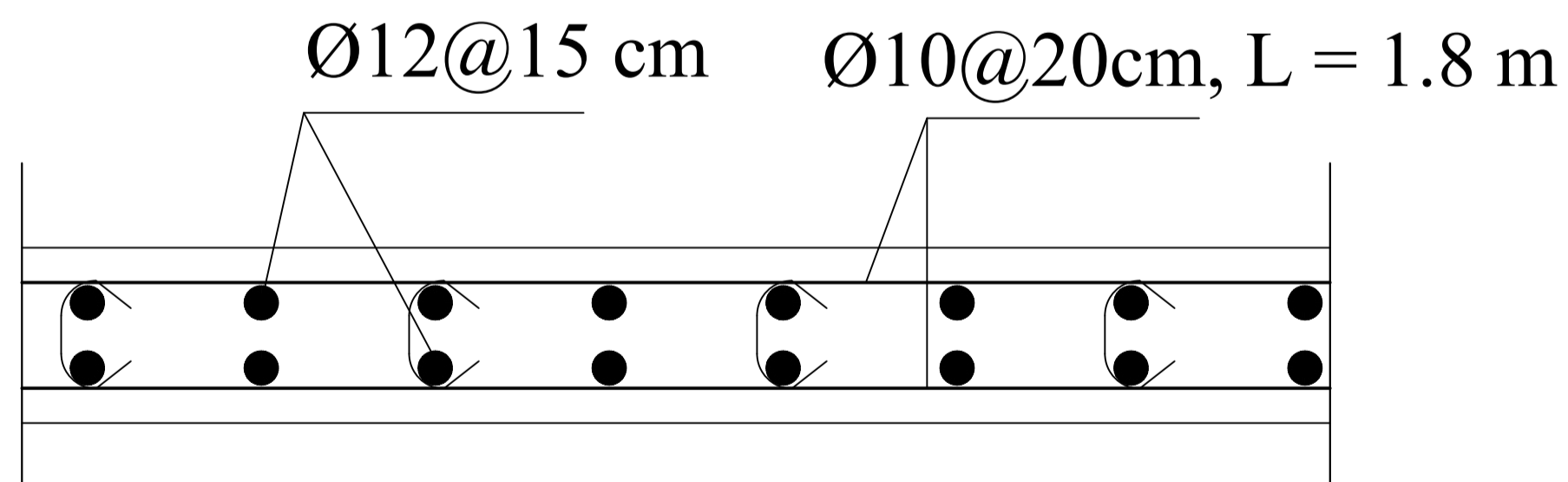
Drawing Title:
Shear Wall Details

| | |
|-------------------|------|
| Scale : | 1/50 |
| Sheet NO : | S 24 |

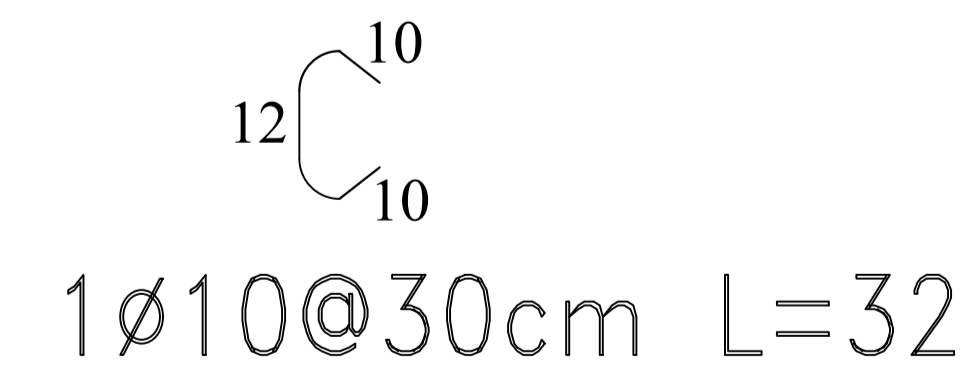
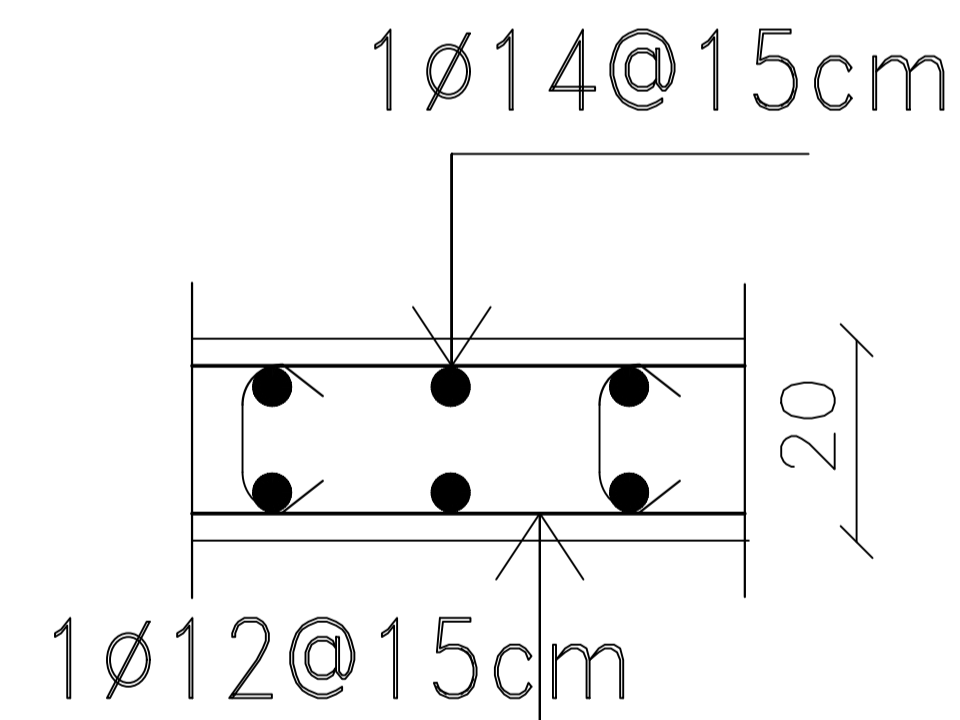
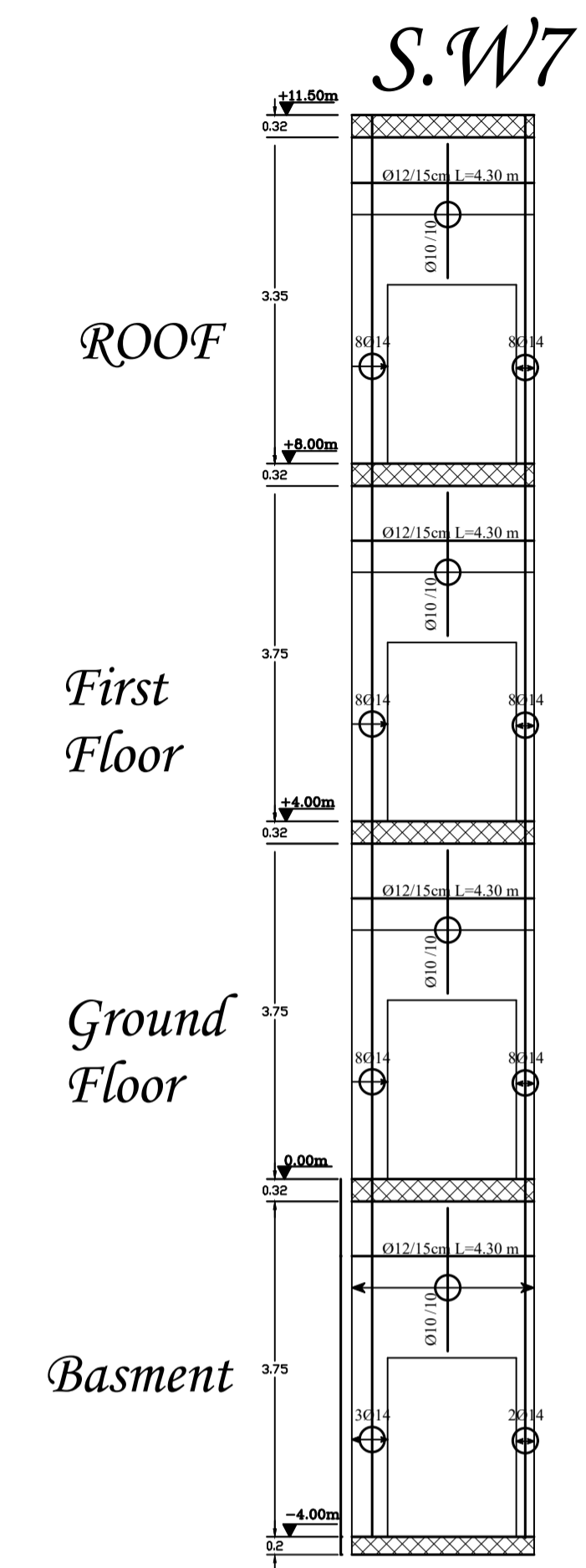
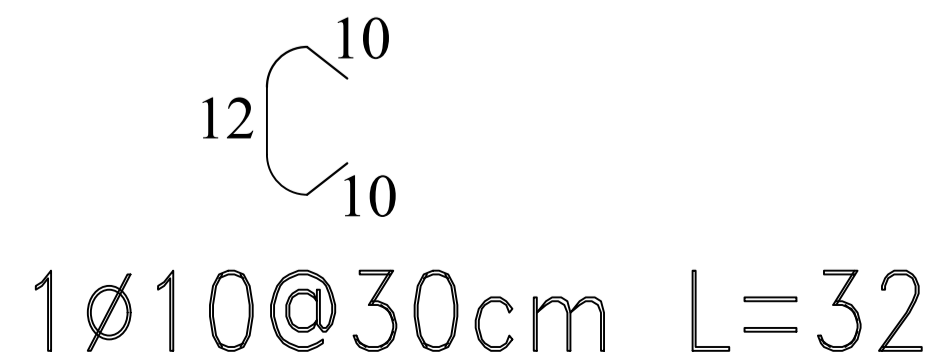
Date :
15/8/2021

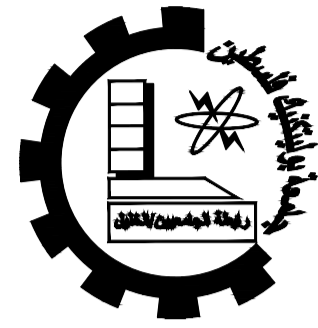
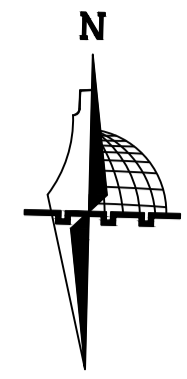


Section A-A
Scale 1:20



Section B-B
Scale 1:20





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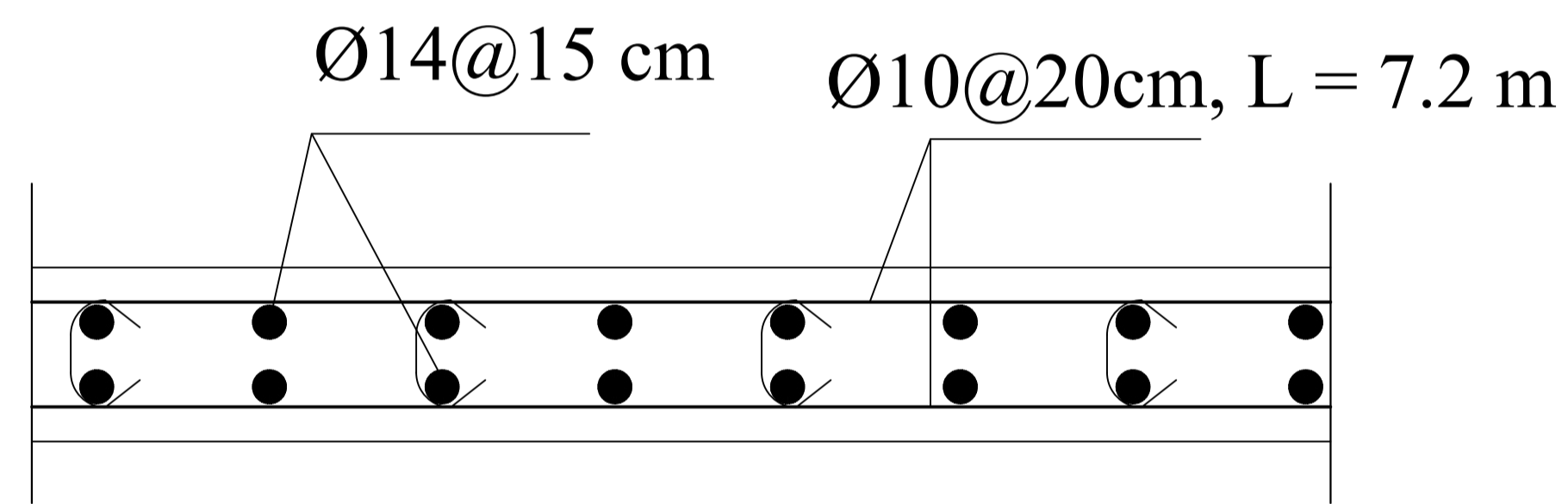
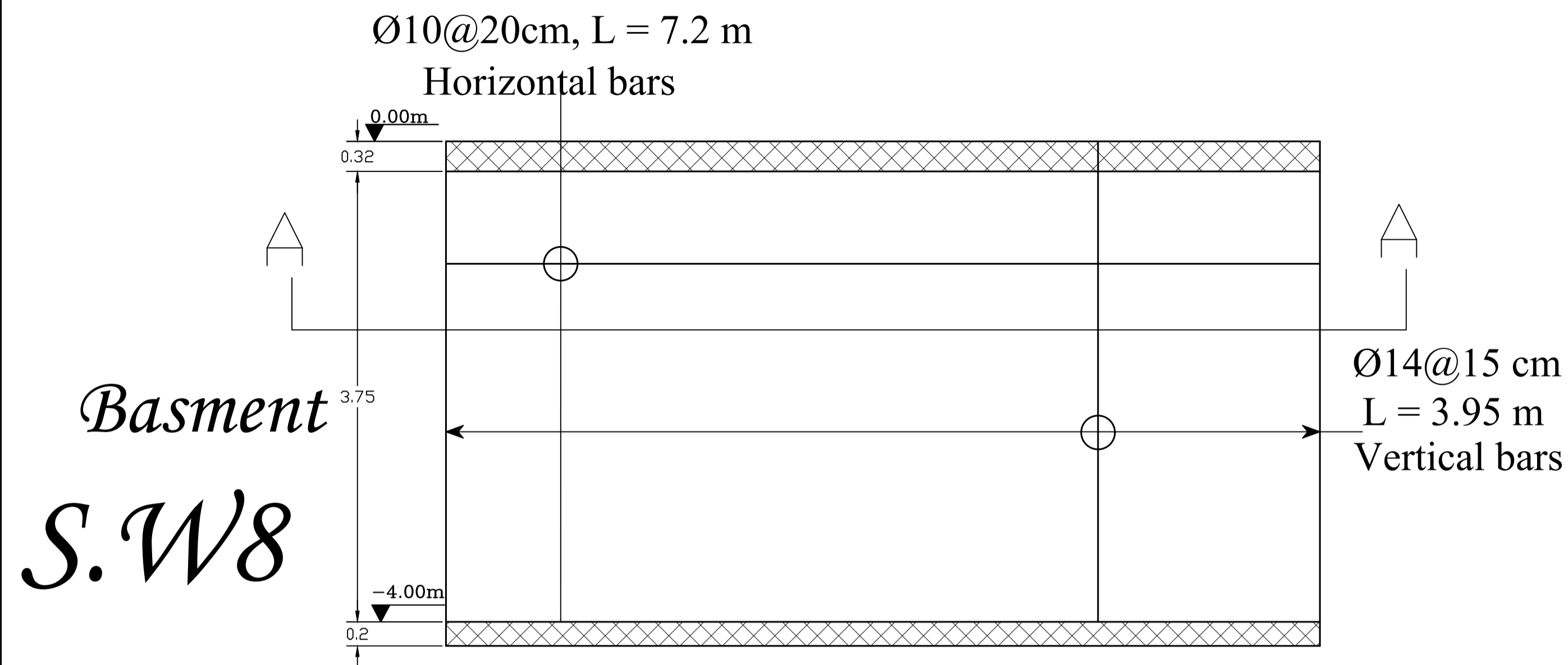
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

Drawing Title:
Shear Wall Details

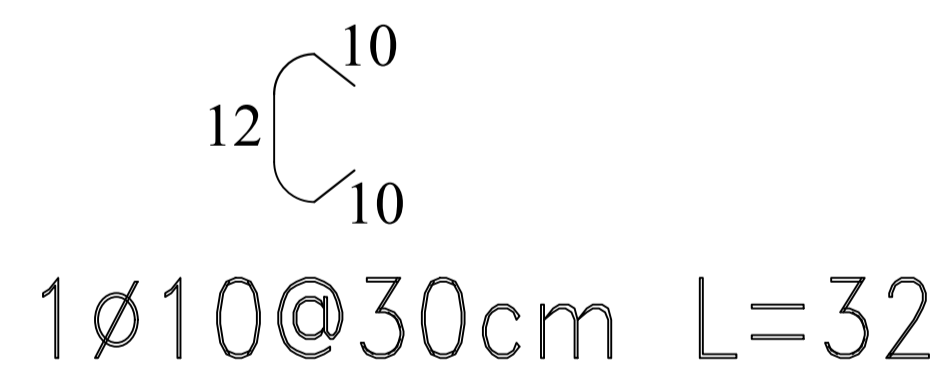
Scale : 1/50

Sheet NO : S 25

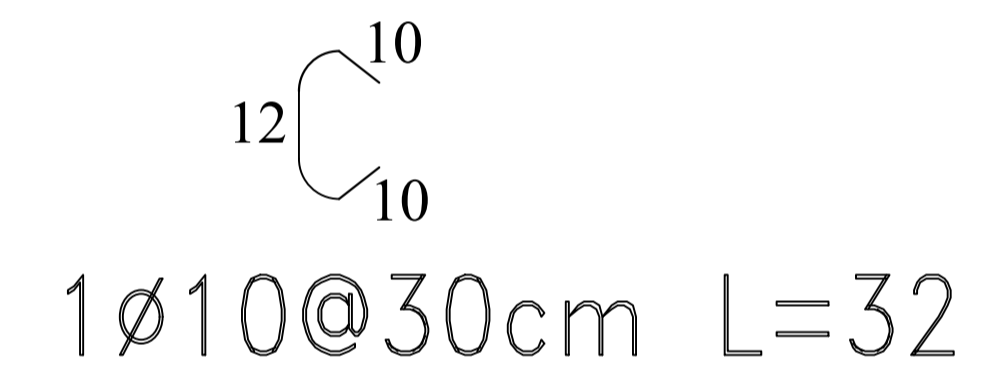
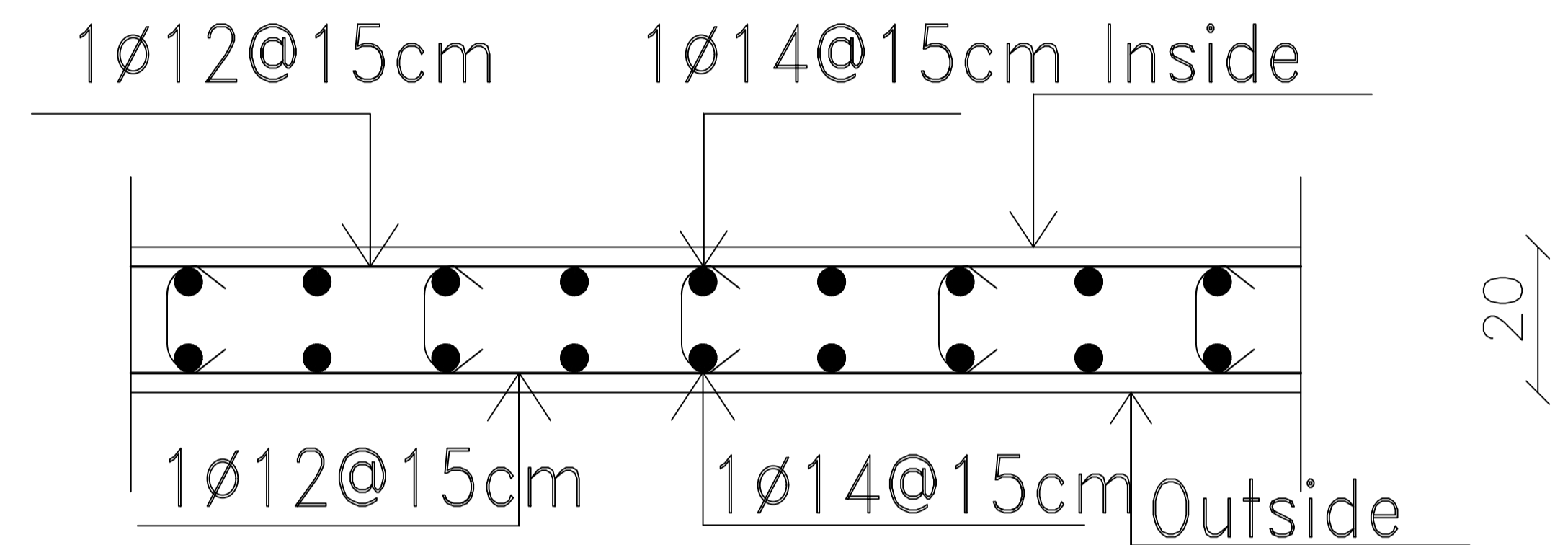
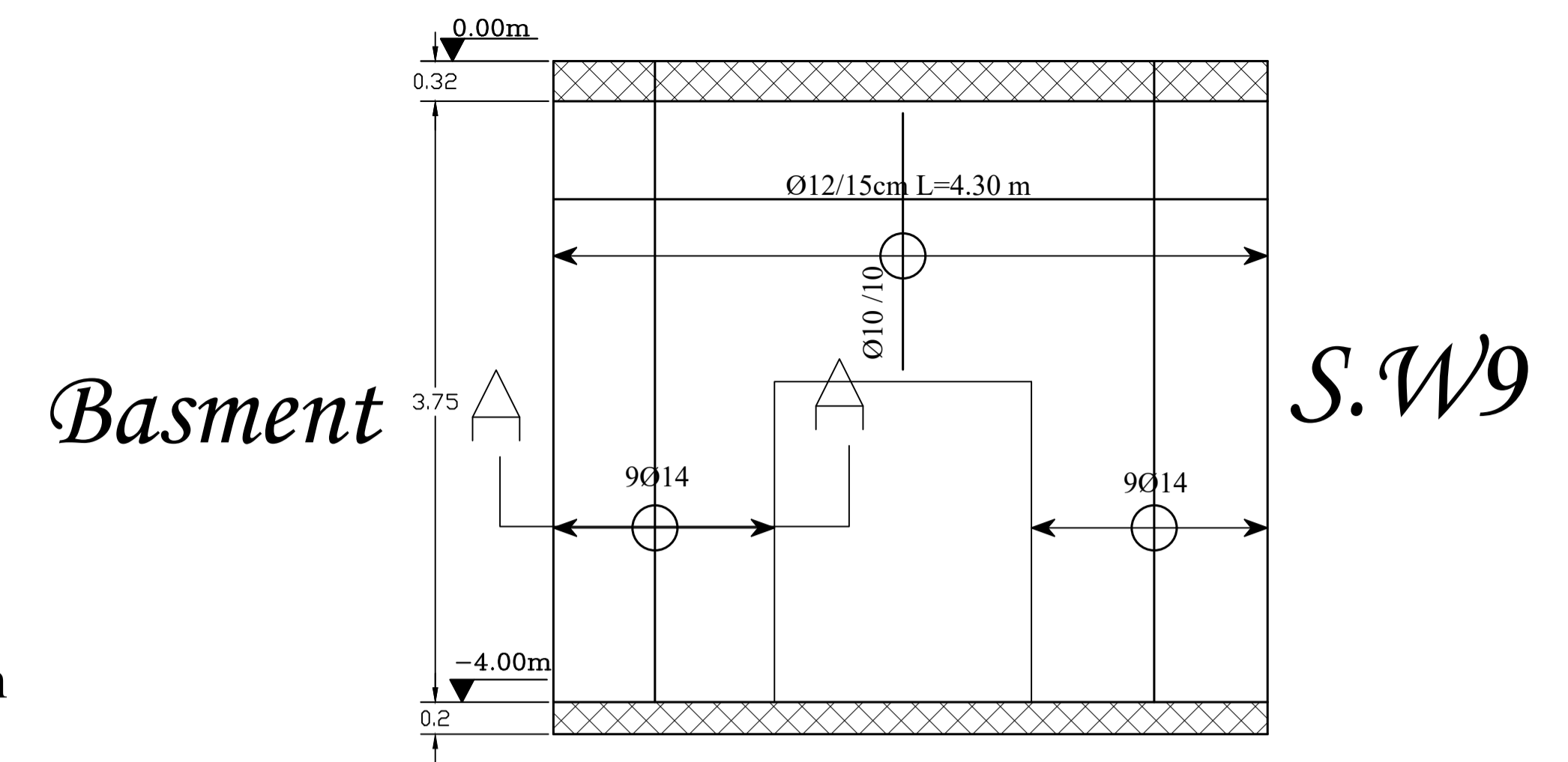
Date :
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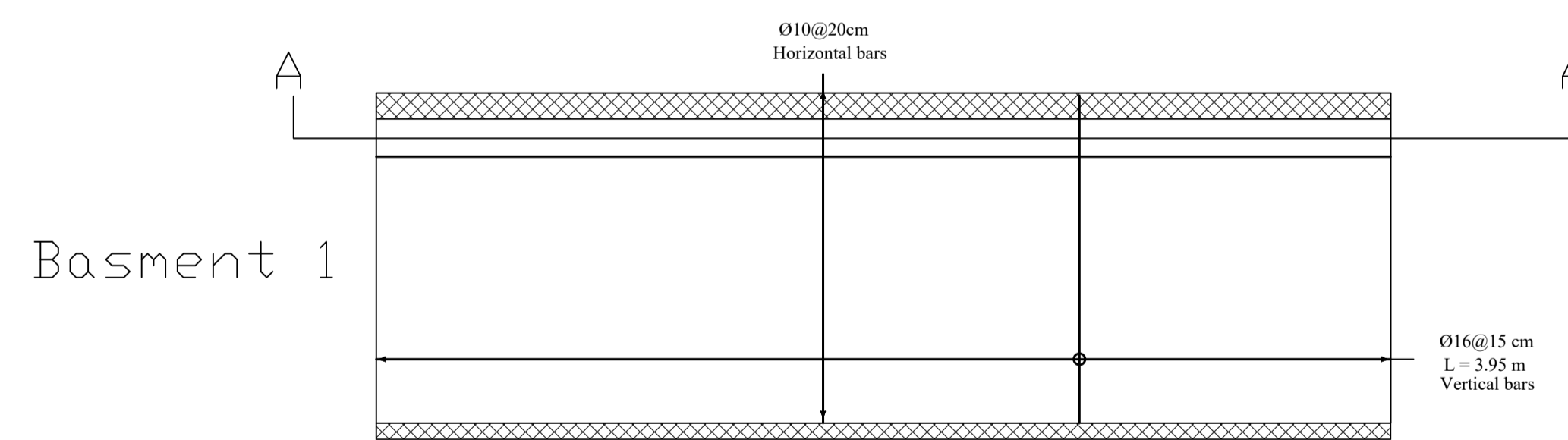
Section A-A
Scale 1:20



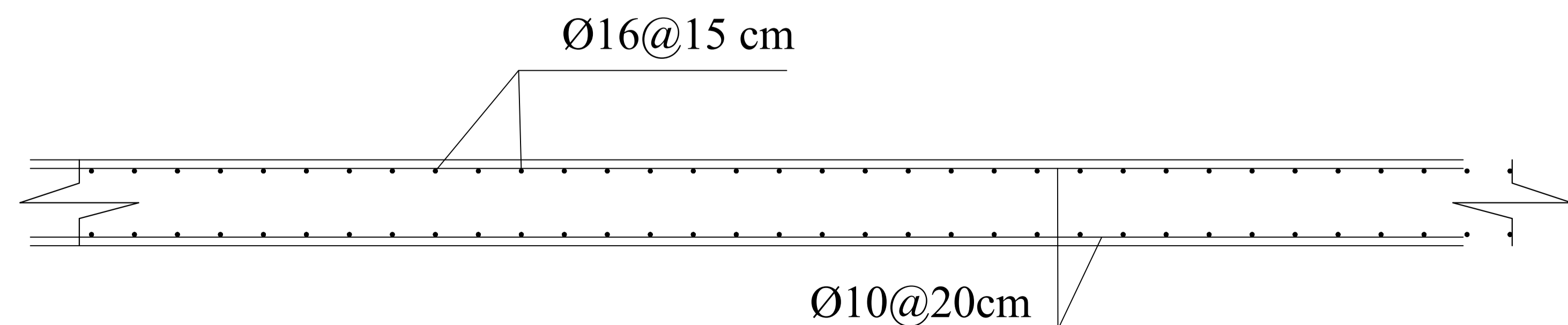
Section A-A
Scale 1:10

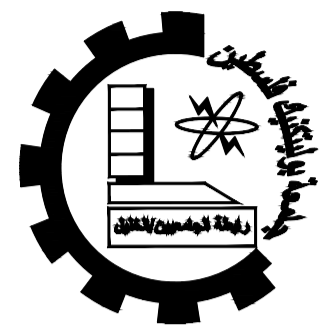
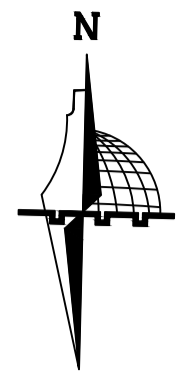


Section A-A



B.W1
Scale 1:50





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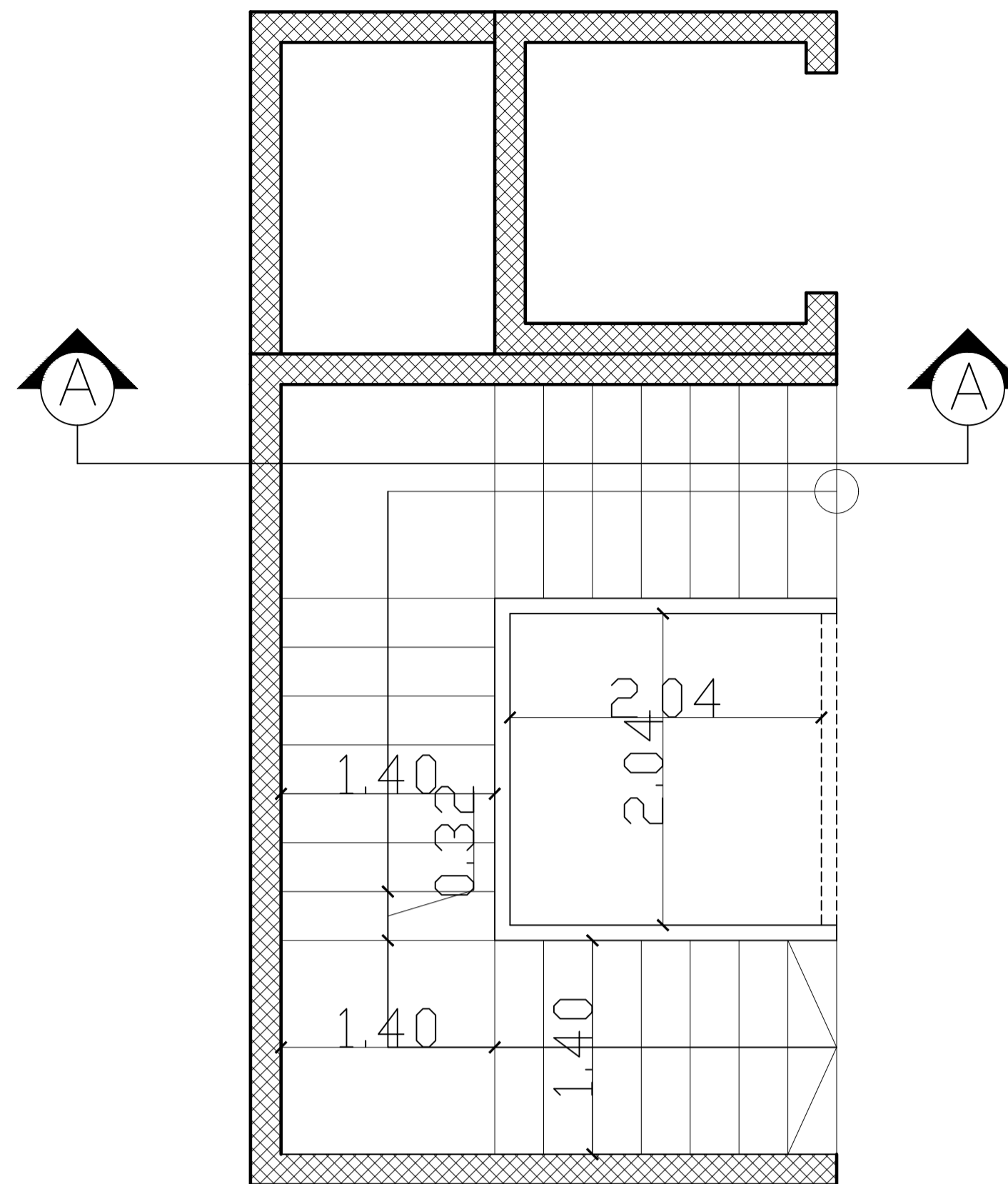
Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

Drawing Title:
Stairs Details

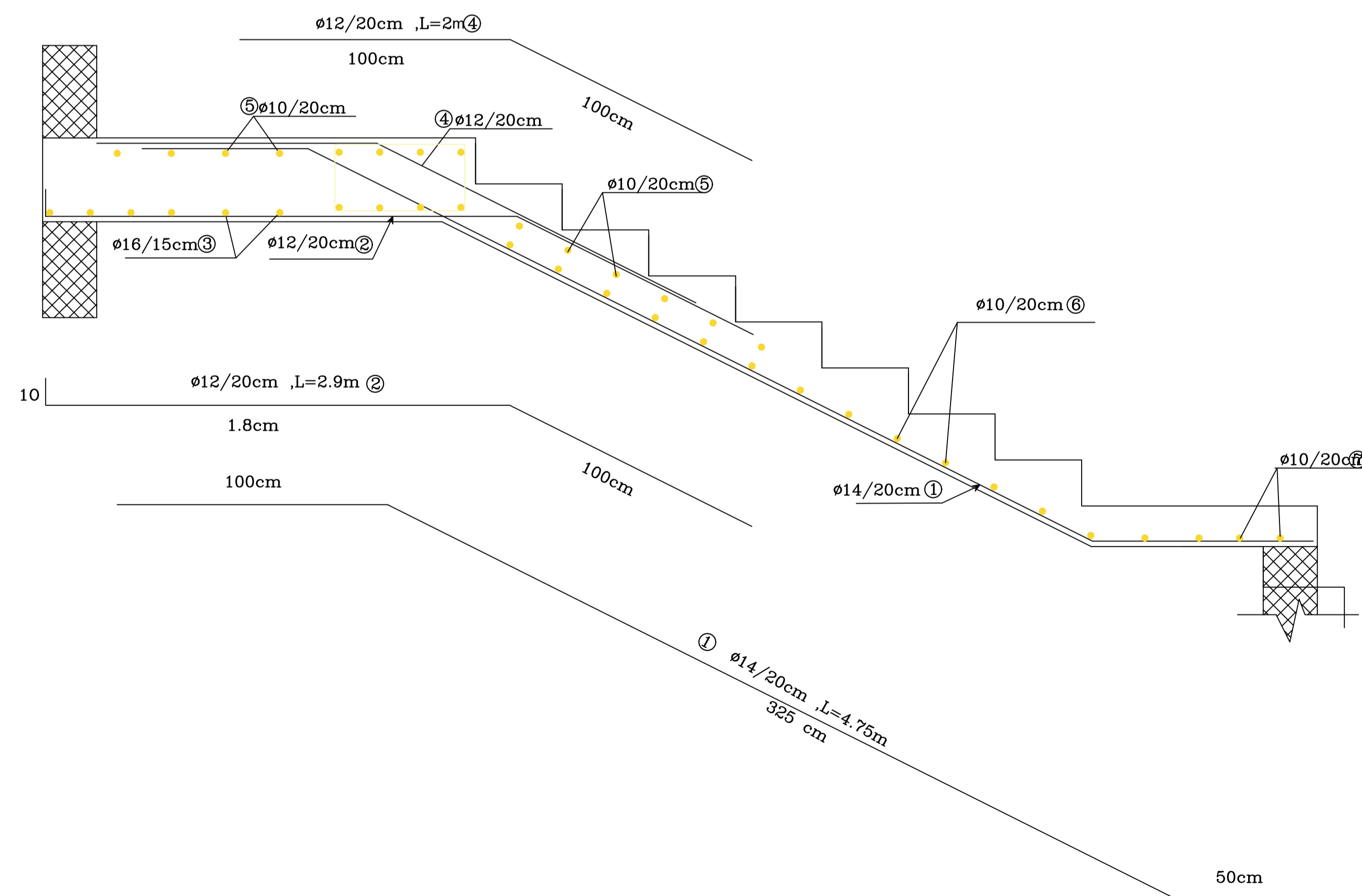
Scale : 1/50

Sheet NO : S 26

Date :
15/8/2021

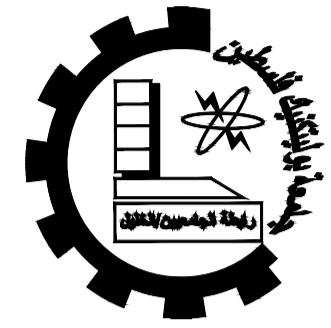
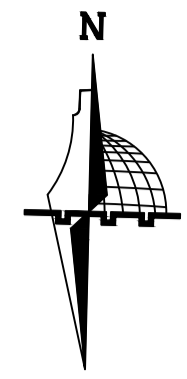


SCALE 1:25



SECTION A-A

SCALE 1:10



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Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

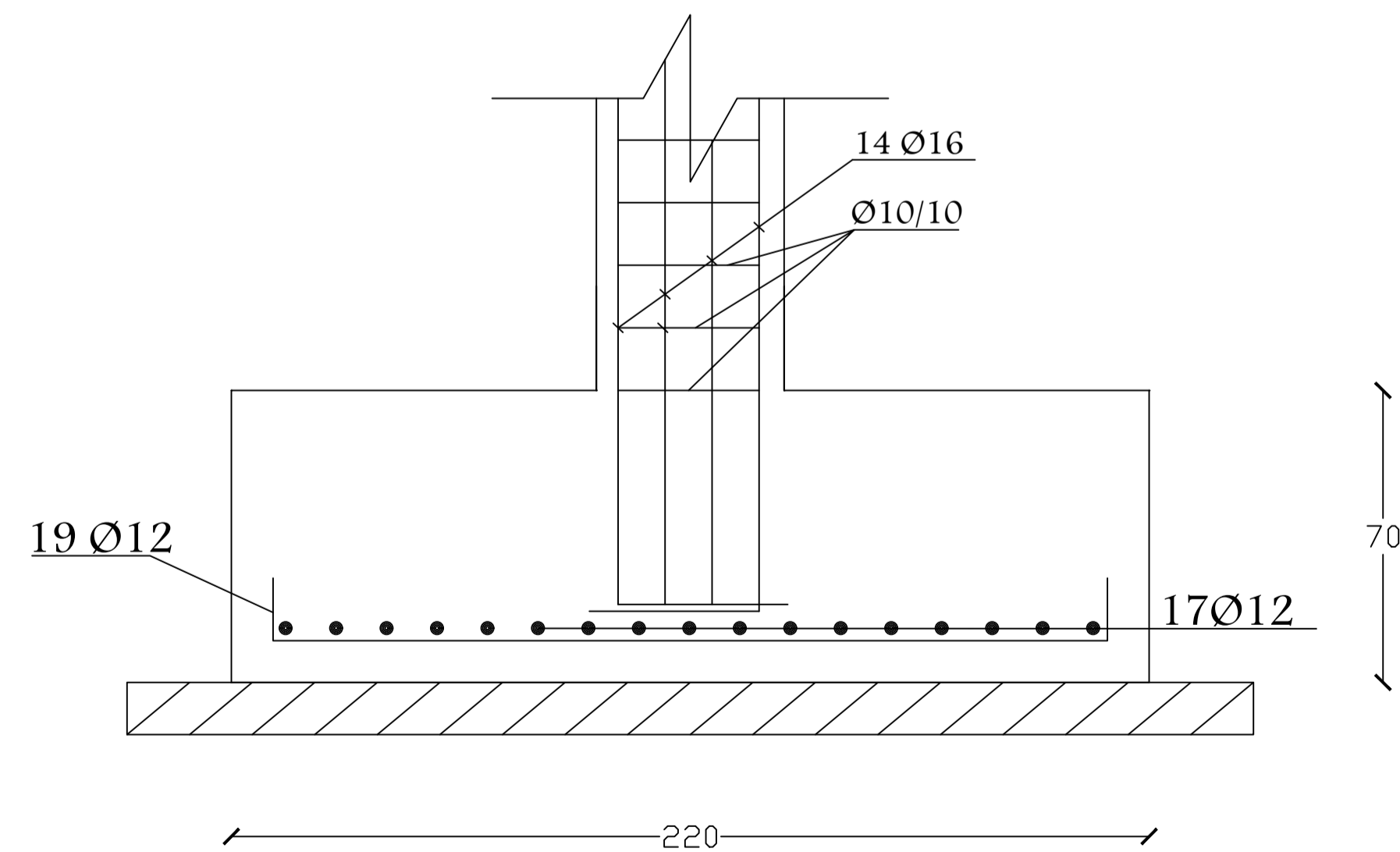
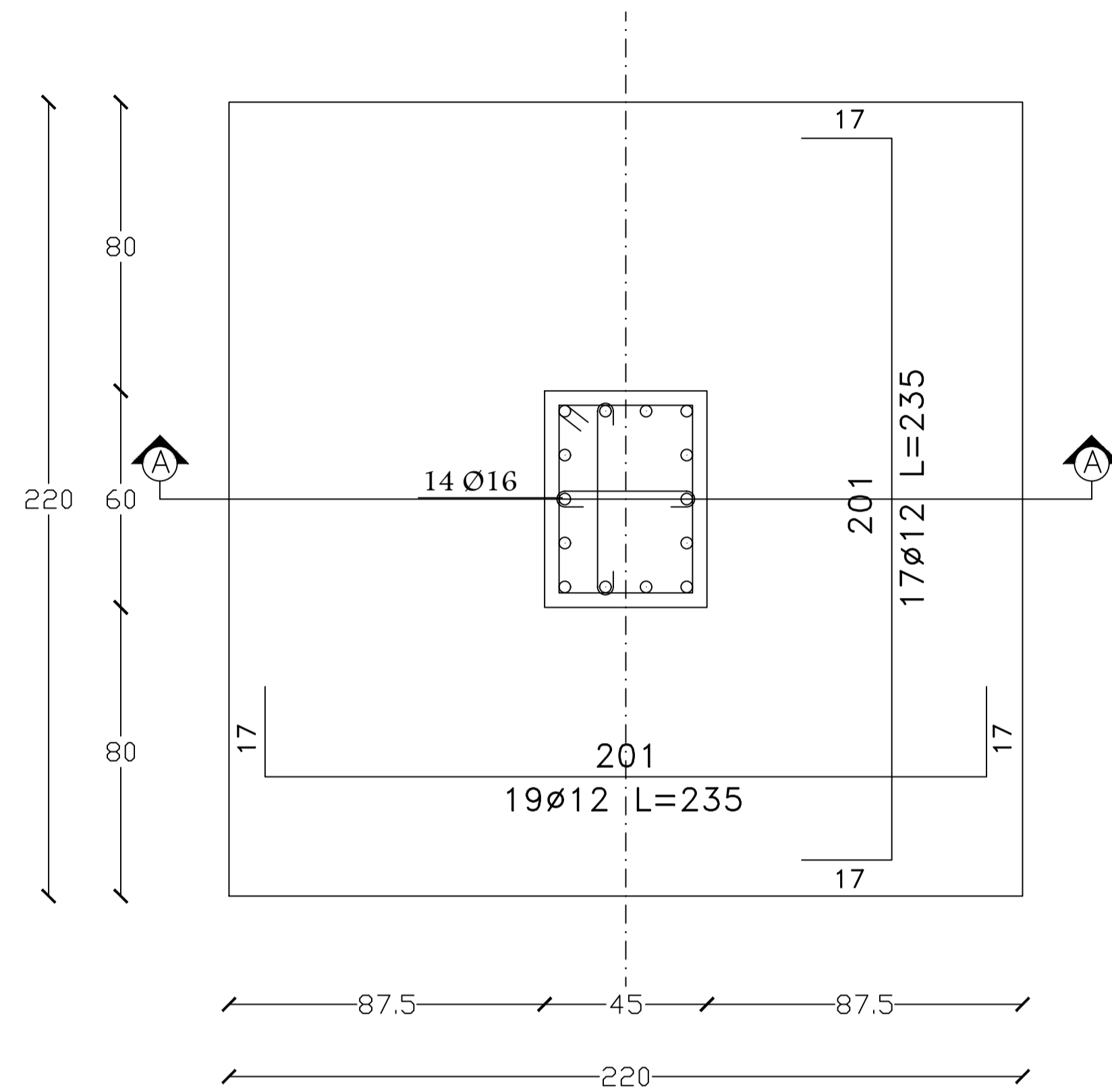
Drawing Title:
Foundations Details

Scale : 1/20

Sheet NO : S 27

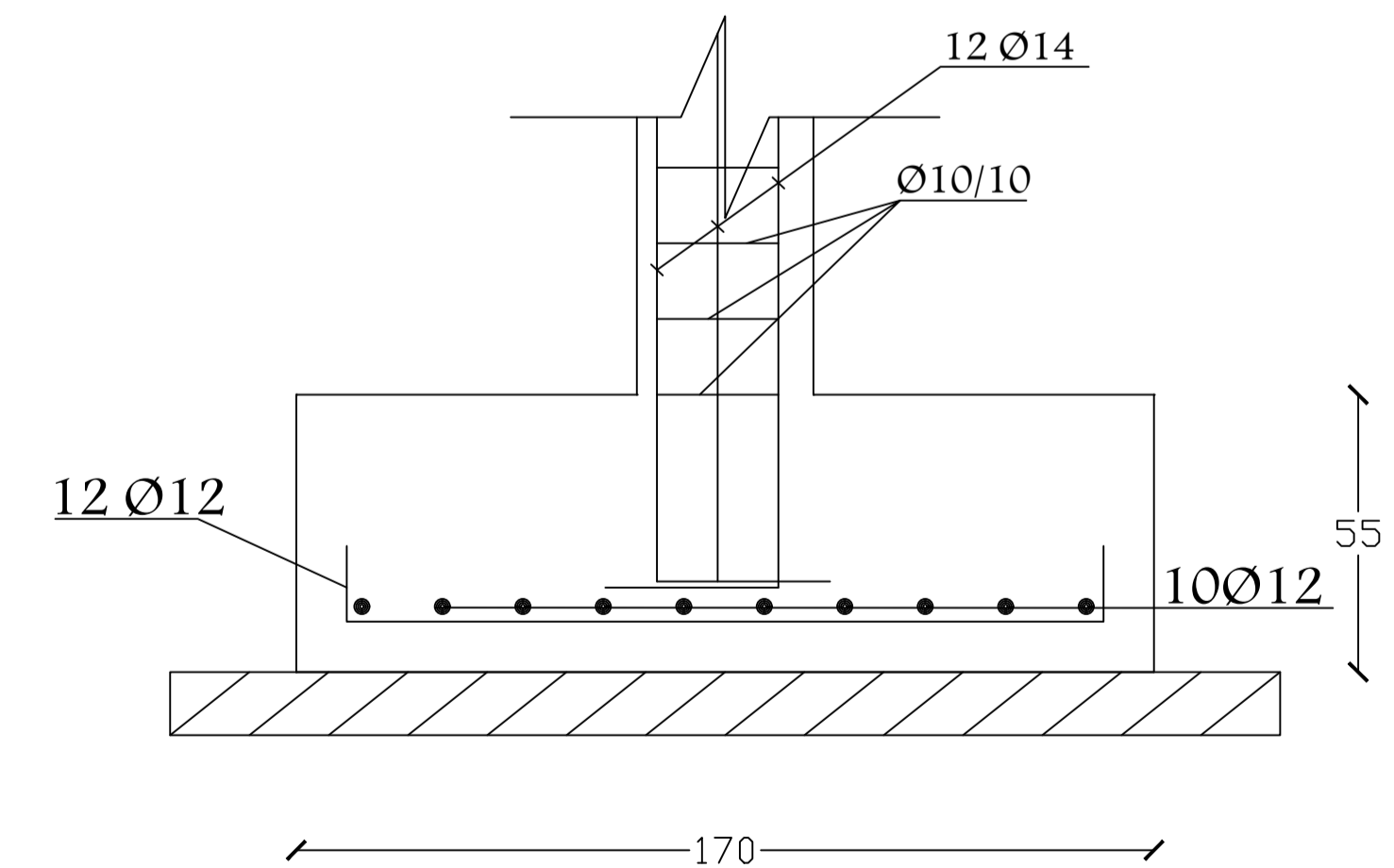
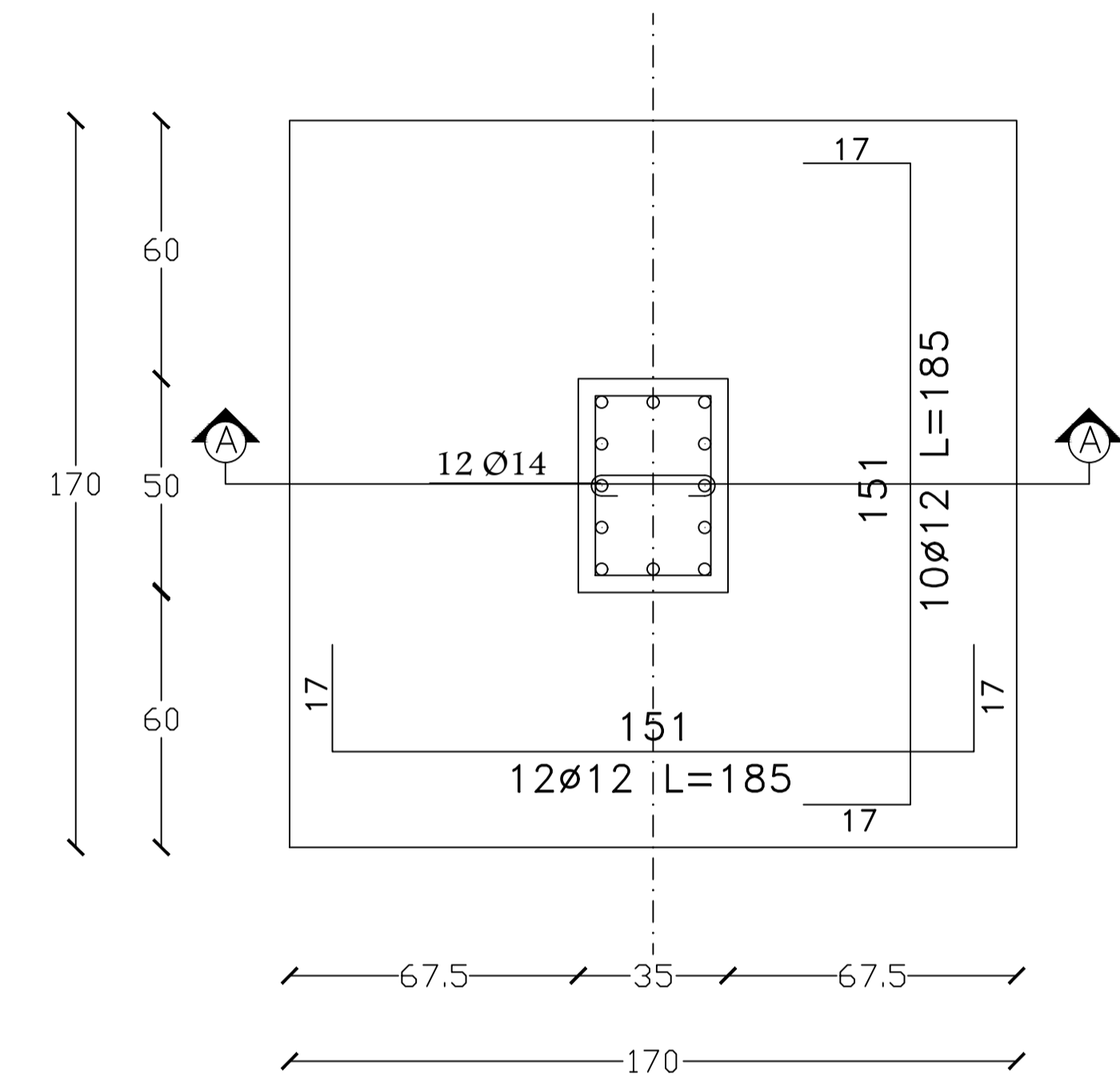
Date :
15/8/2021

FOOTING - F1 (2.2×2.2)m



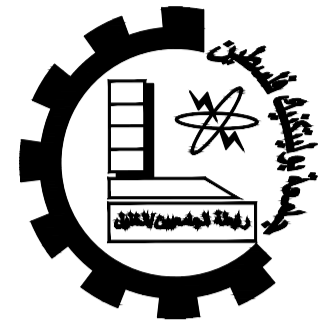
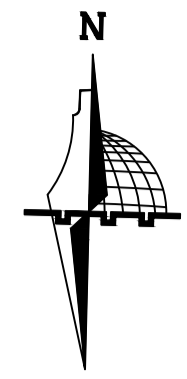
SECTION A-A

FOOTING - F2 (1.7×1.7)m



SECTION A-A

SCALE 1:20



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Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

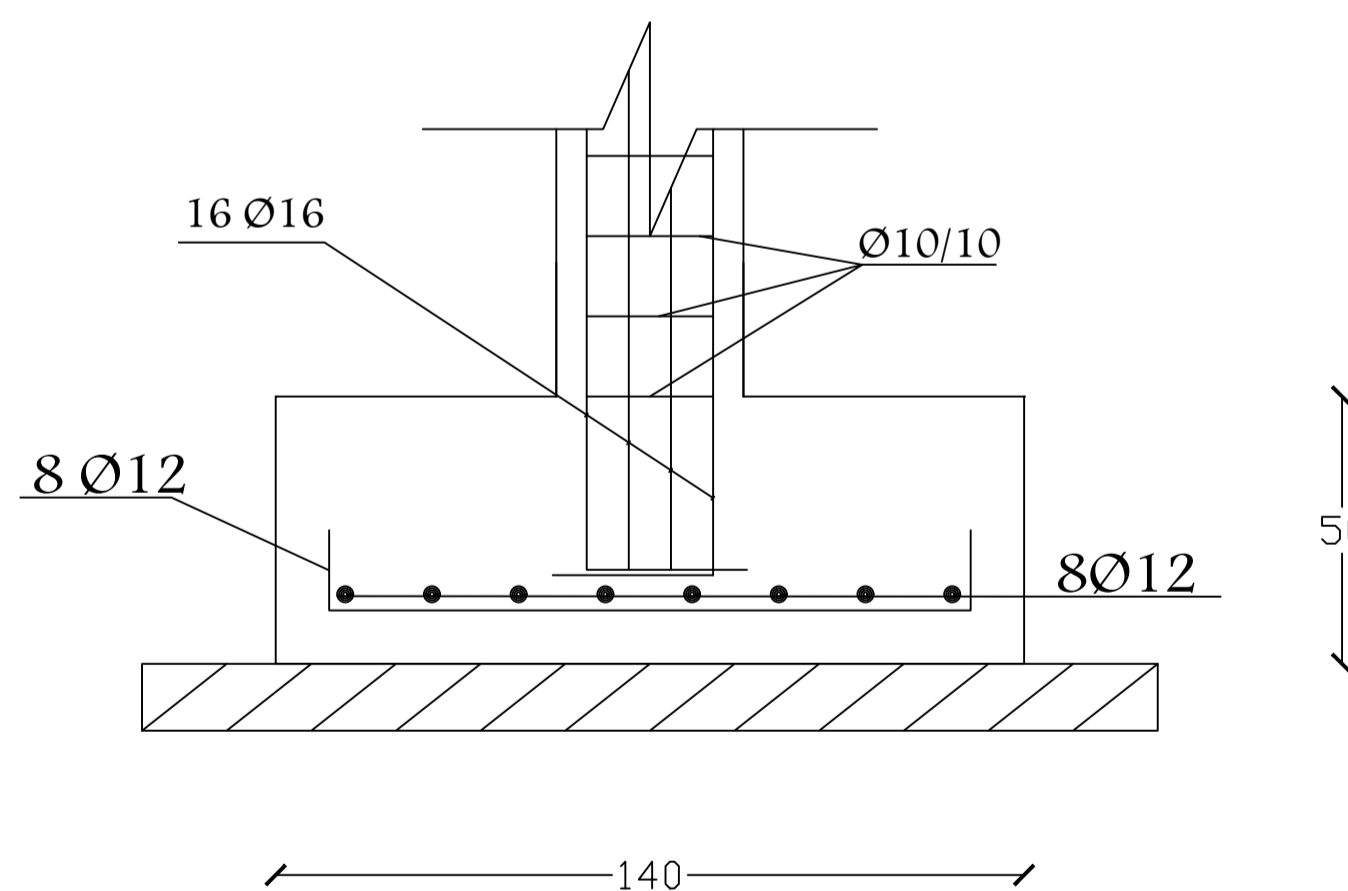
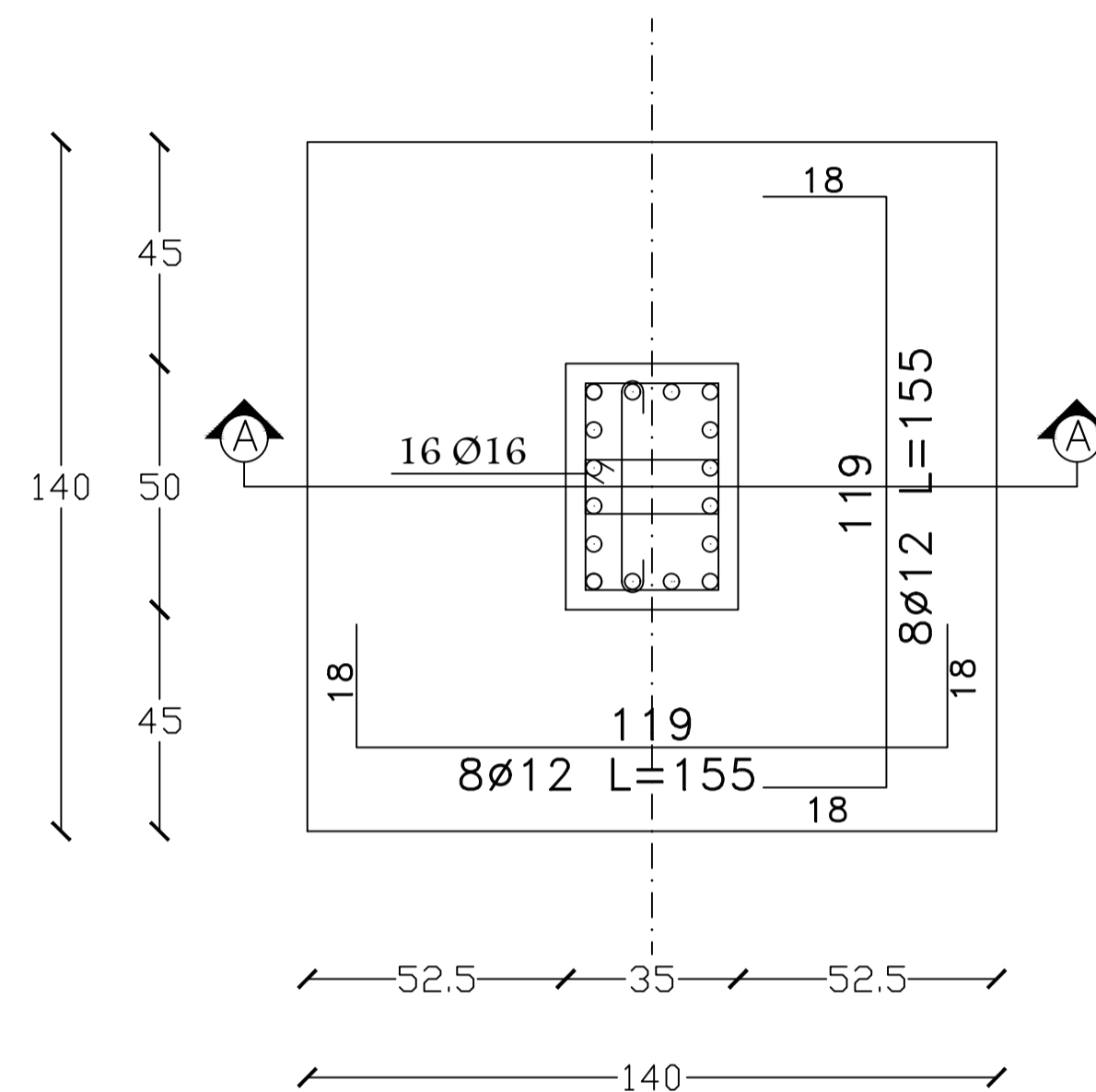
Drawing Title:
Foundations Details

Scale : 1/20

Sheet NO : S 28

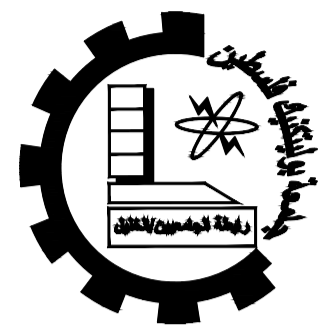
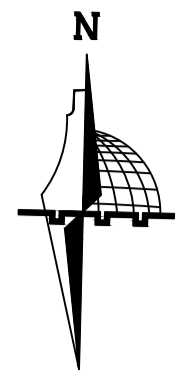
Date :
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FOOTING - F3 (1.4×1.4)m



SECTION A-A

SCALE 1:20



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Done By :
Carmel Awad
Muath Abusalameh
Raed Hassounch
Mohammad Abuhour

Drawing Title:
Foundations Details

Scale : 1/25

Sheet NO : S 29

Date :
15/8/2021

