

Palestine Polytechnic University

College of Engineering

Civil Engineering Department

Civil Engineering

Graduation Project

Project Name: Eye Specialized Hospital

Supervisor

Dr. Nafez Nasreideen

Done by :

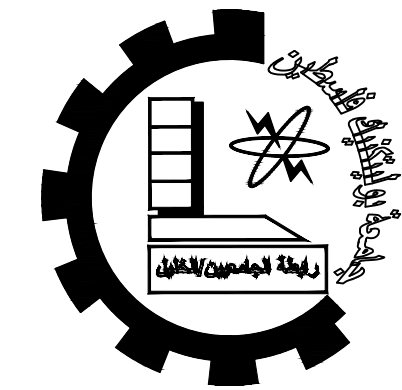
Bayan Srour

Rasha Shakarnah

6-2024

LIST OF DRAWINGS

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DWG.NO.	DWG.TITLE.	DWG.NO.	DWG.TITLE.	DWG.NO.	DWG.TITLE.
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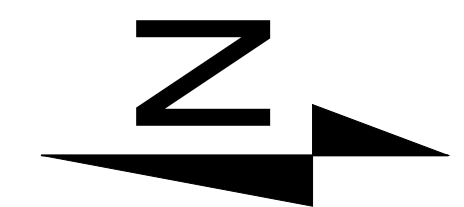
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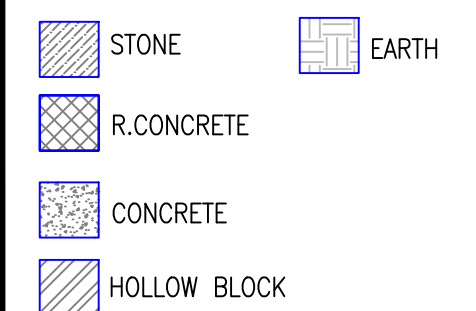
Eye Specialized Hospital



Notes:-

all levels in M
all dimension in cm

LEGEND



DRAWING TITLE :

INDEX

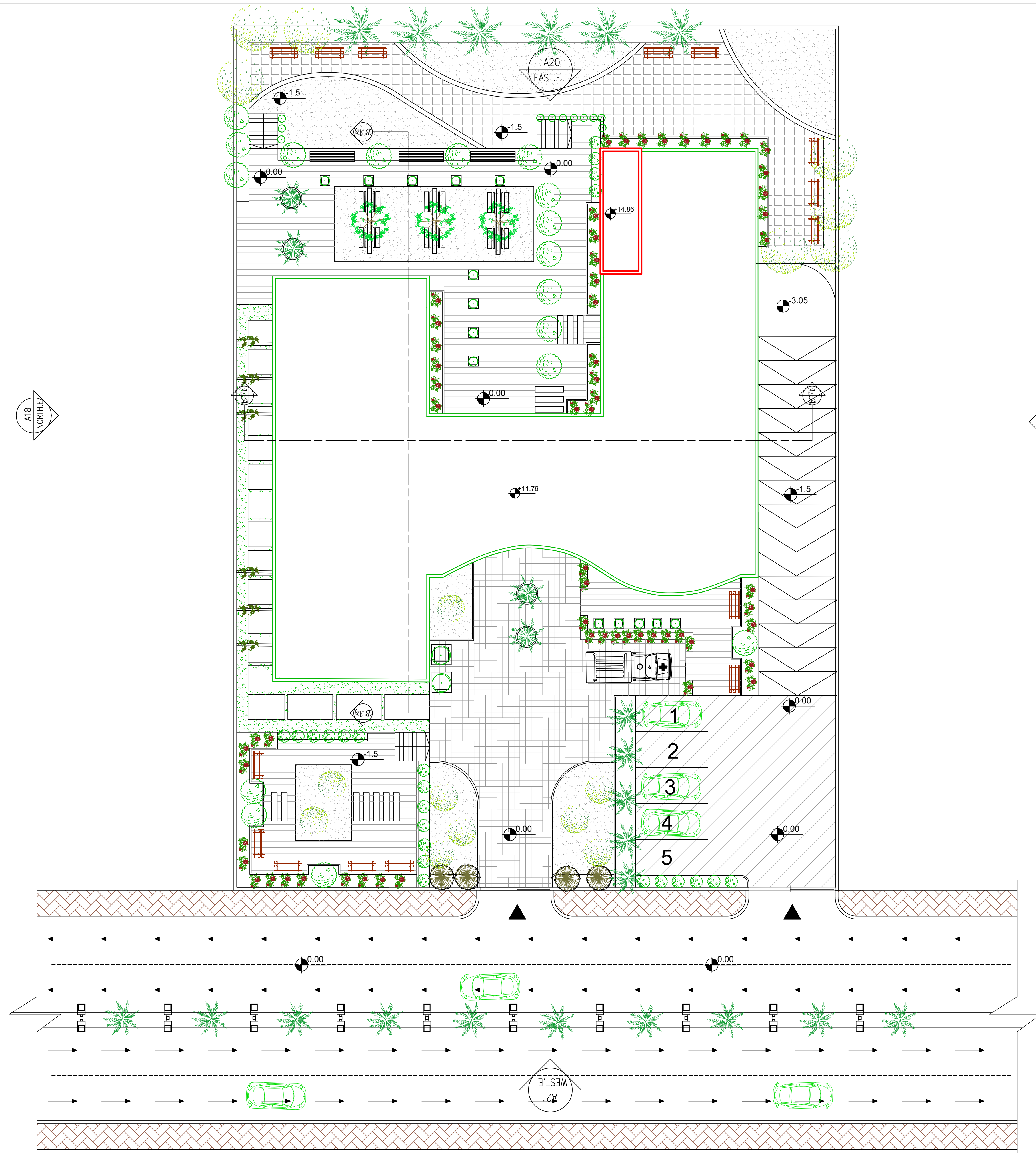
Supervisor

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Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/150		4/6



● site plan
Scale 1\150



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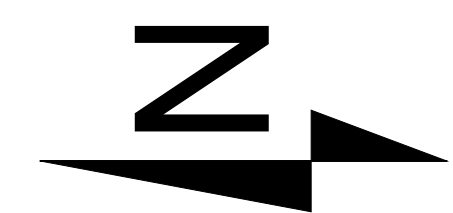
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Notes:-

all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

site plan

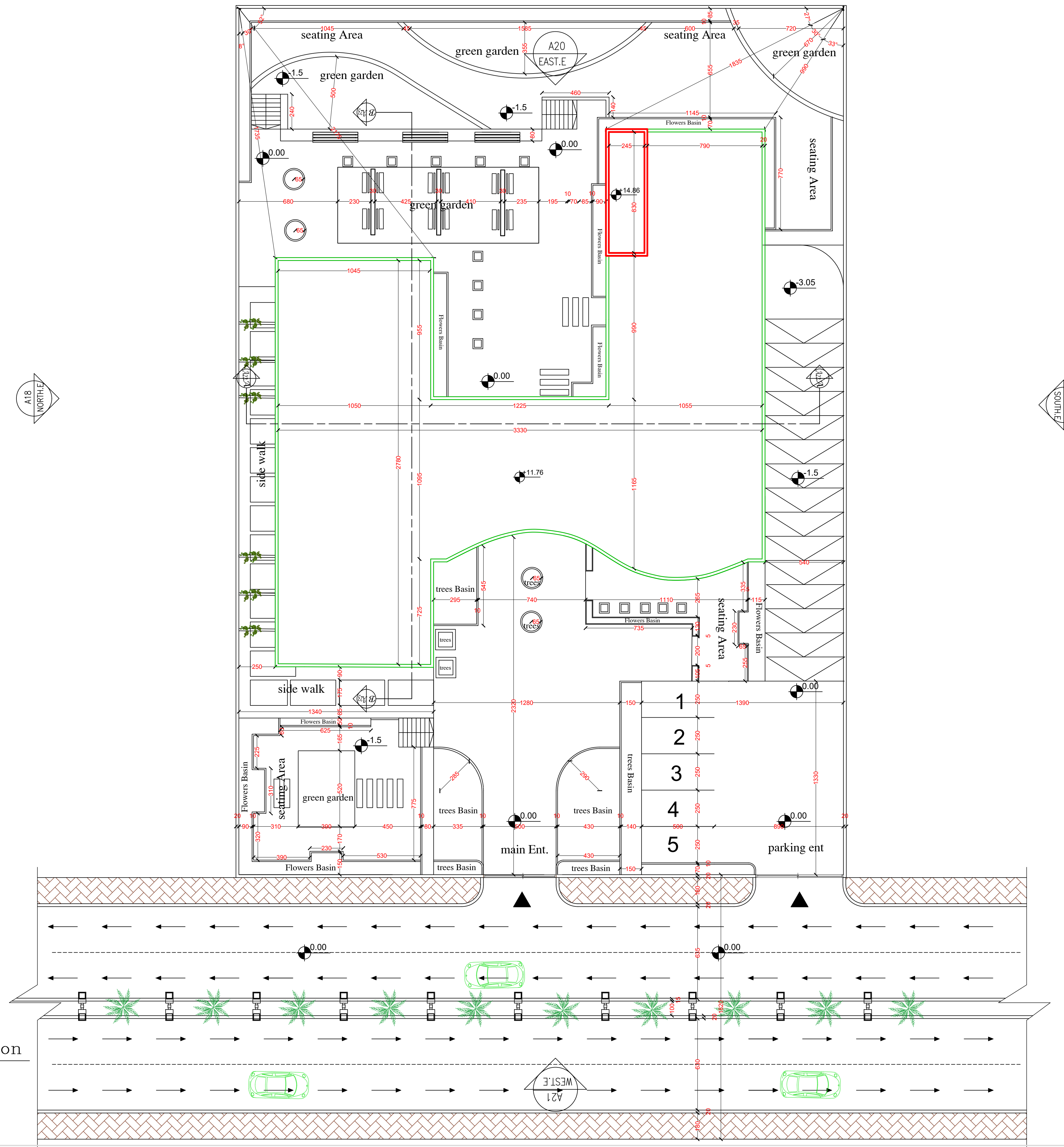
Supervisor

Dr. Nafez Nasreideen

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Bayan Srour
Rasha Shakarnah

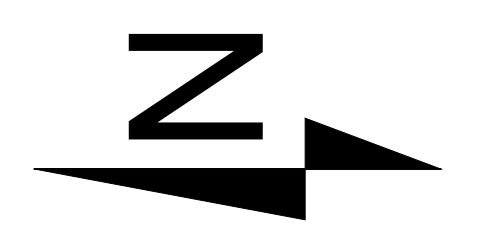
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1/150	A0	4/6



● site plan dimension
Scale 1\150



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Notes:-
all levels in M
all dimension in cm

LEGEND

	STONE		EARTH
	R.CONCRETE		CONCRETE
	HOLLOW BLOCK		

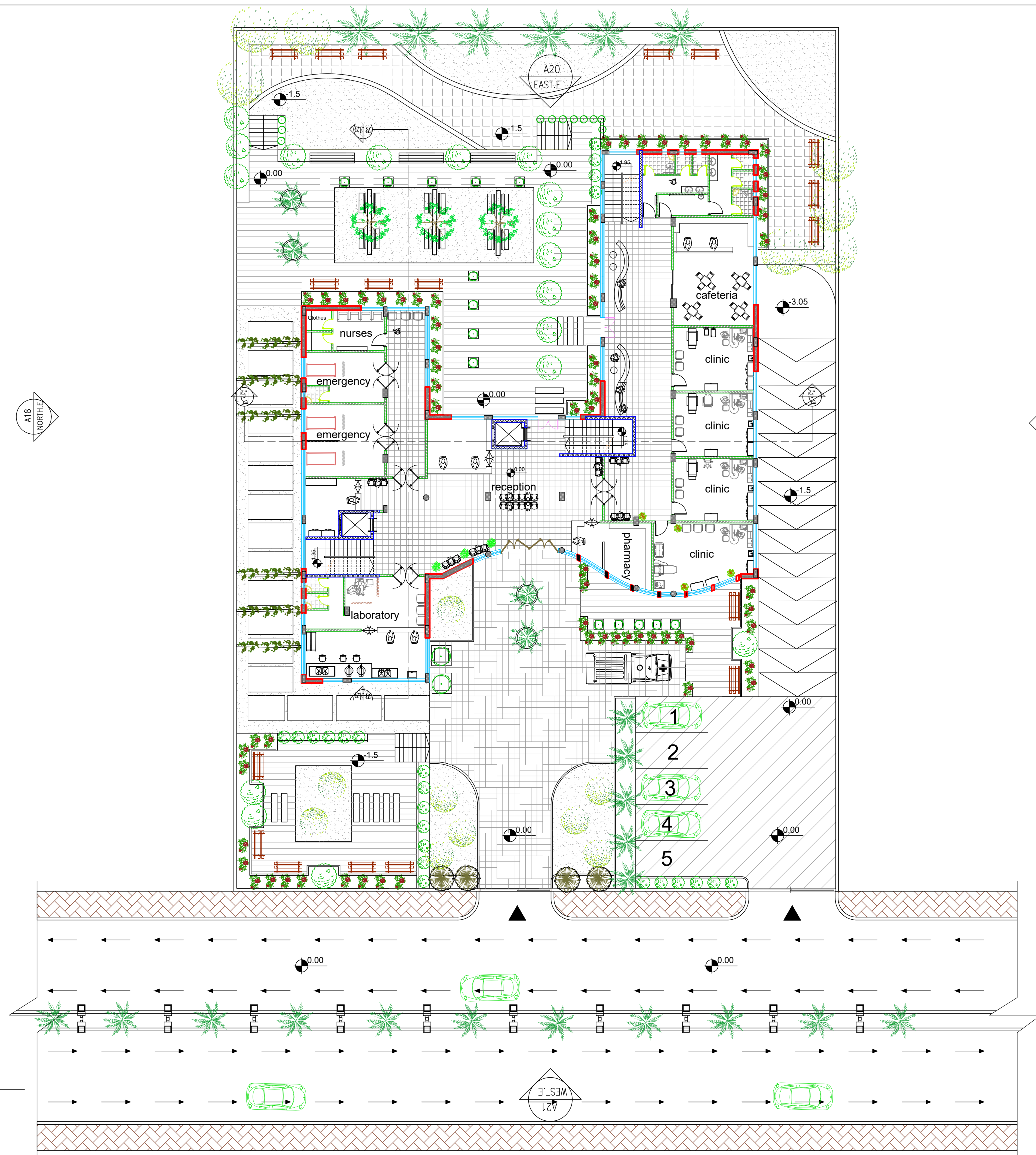
DRAWING TITLE :

site plan dimation

Supervisor
Dr. Nafez Nasreideen

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SCALE	No. of DRAW	DATE
1/150	A1	4/6



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Notes:-

all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

Master plan

Supervisor

Dr. Nafez Nasreideen

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SCALE	No. of DRAW	DATE
1/150	A2	4/6

Master plan
Scale 1\150



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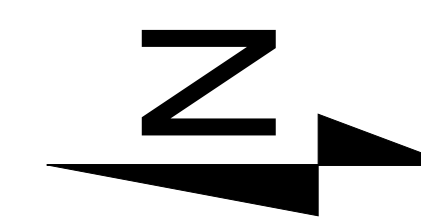
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Notes:-

all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

Basment Dimention plan

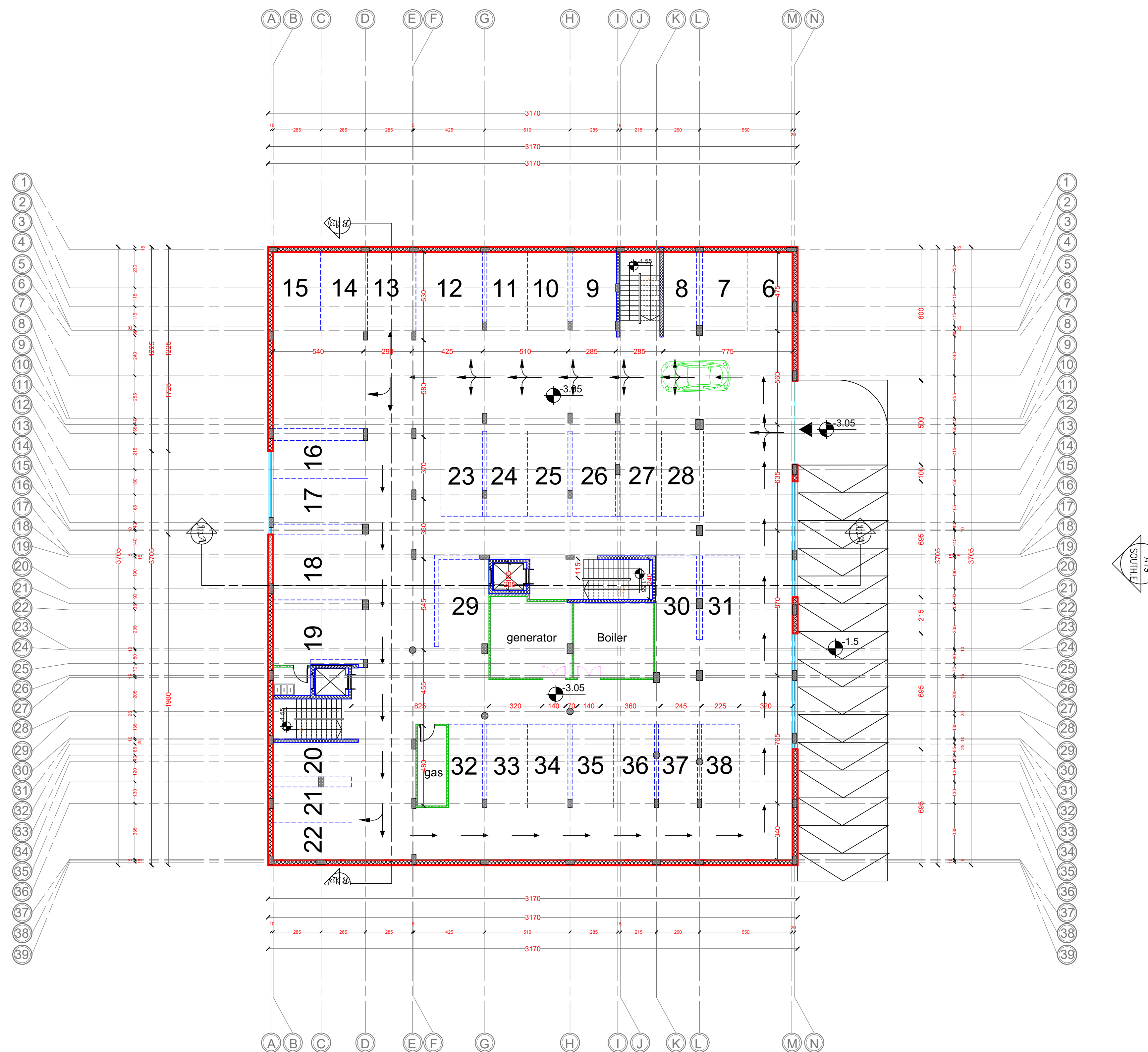
Supervisor

Dr. Nafez Nasreideen

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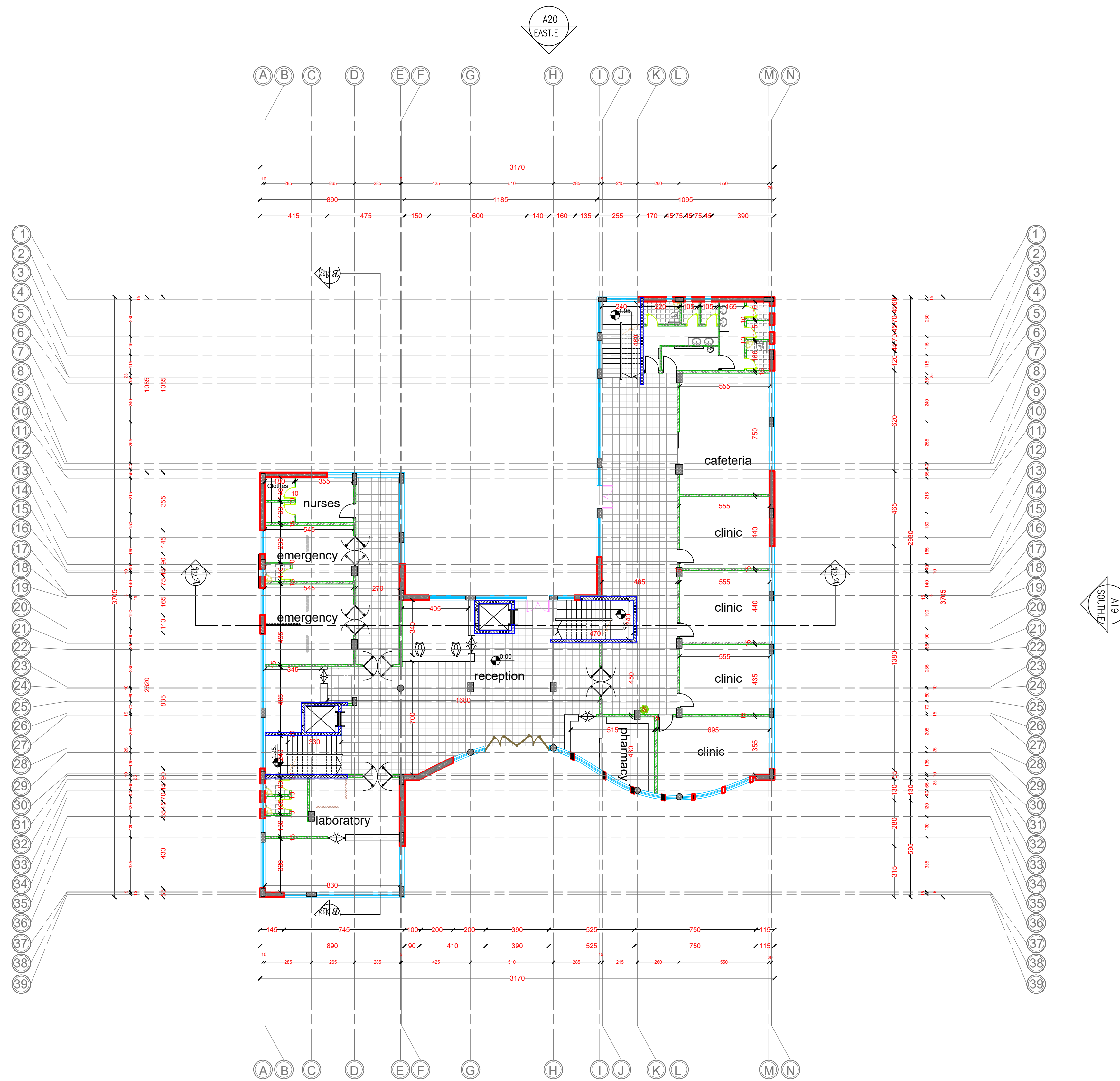
Bayan Srour
Rasha Shakarnah

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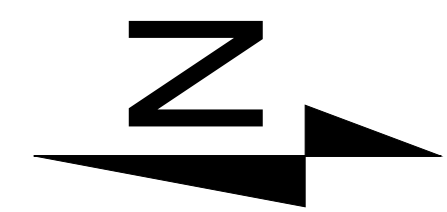


Basment Dimention plan

Scale 1\150



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Notes:-
 all levels in M
 all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

Ground Dimention plan

Supervisor

Dr. Nafez Nasreideen

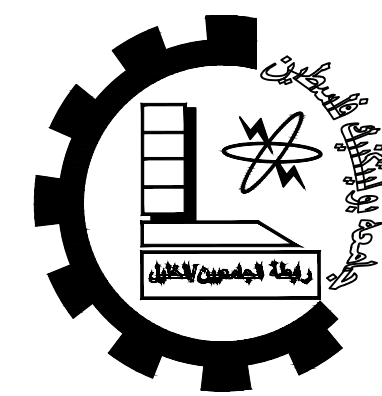
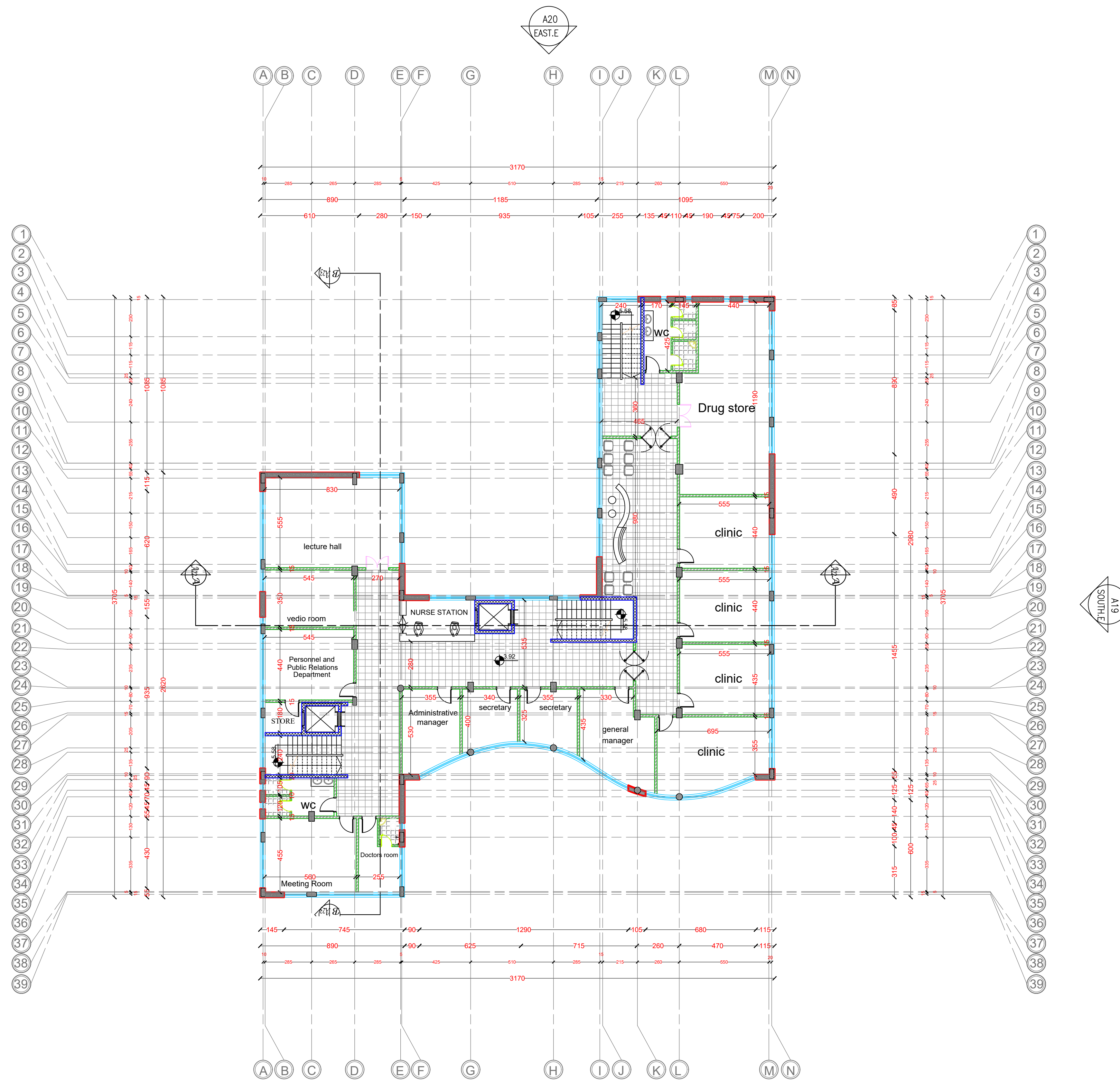
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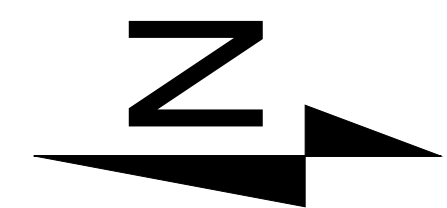
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Ground Dimention plan

Scale 1\150



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Notes:-
 all levels in M
 all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

First Dimention plan

Supervisor

Dr. Nafez Nasreideen

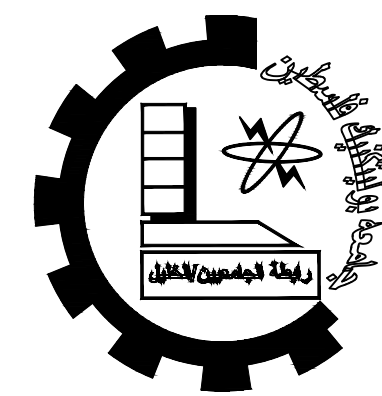
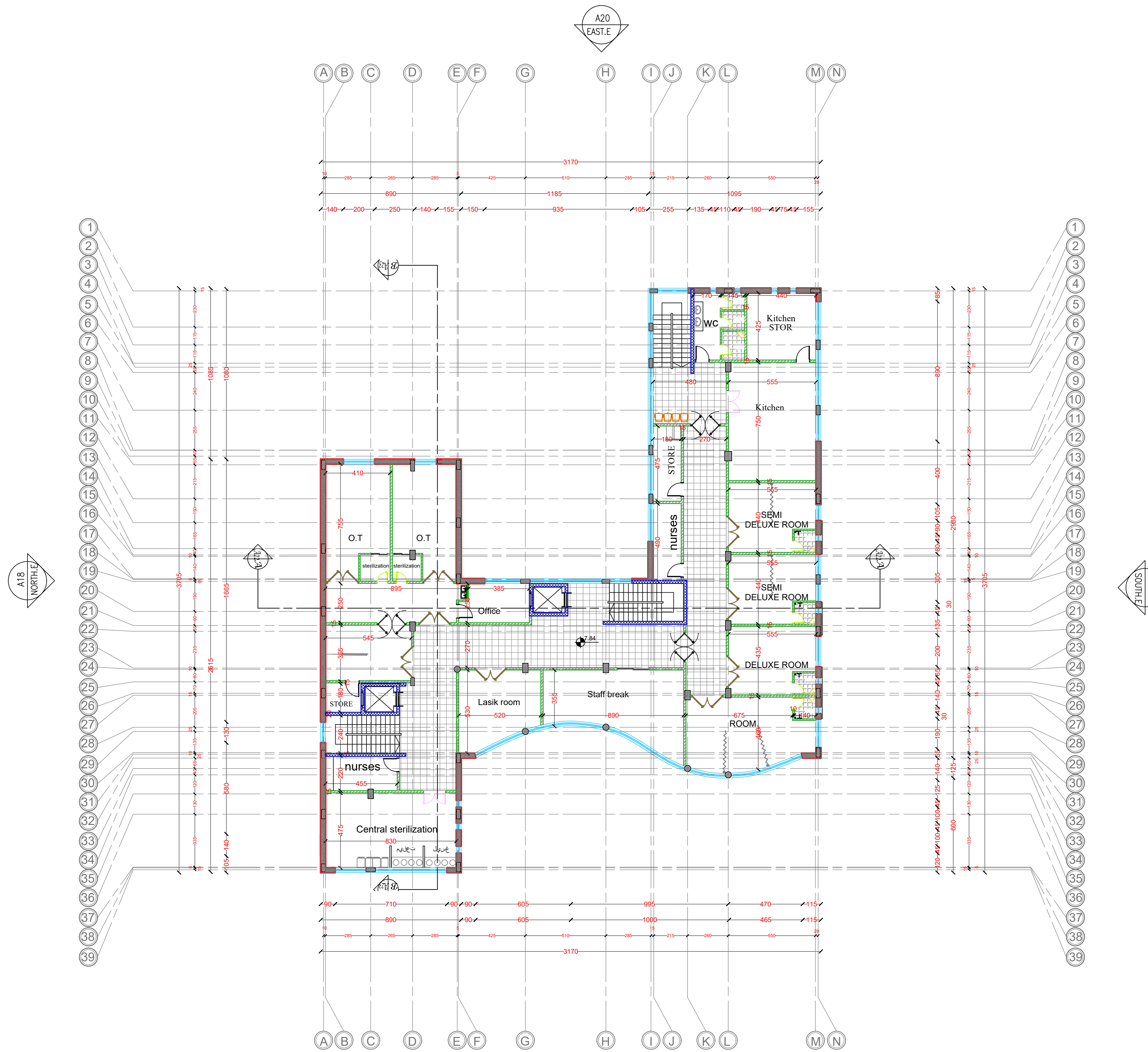
Done by :

Bayan Srour
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SCALE	No. of DRAW	DATE
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First Dimention plan

Scale 1\150



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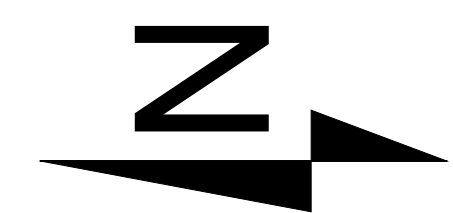
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Notes:-

all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

Second Dimention plan

Supervisor

Dr. Nafez Nasreideen

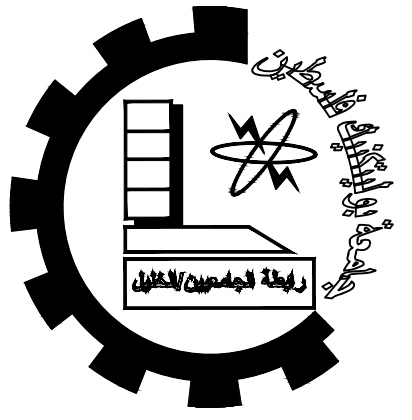
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
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Second Dimention plan

Scale 1\150



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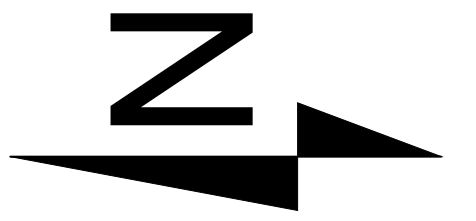
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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

BASMENT PLAN

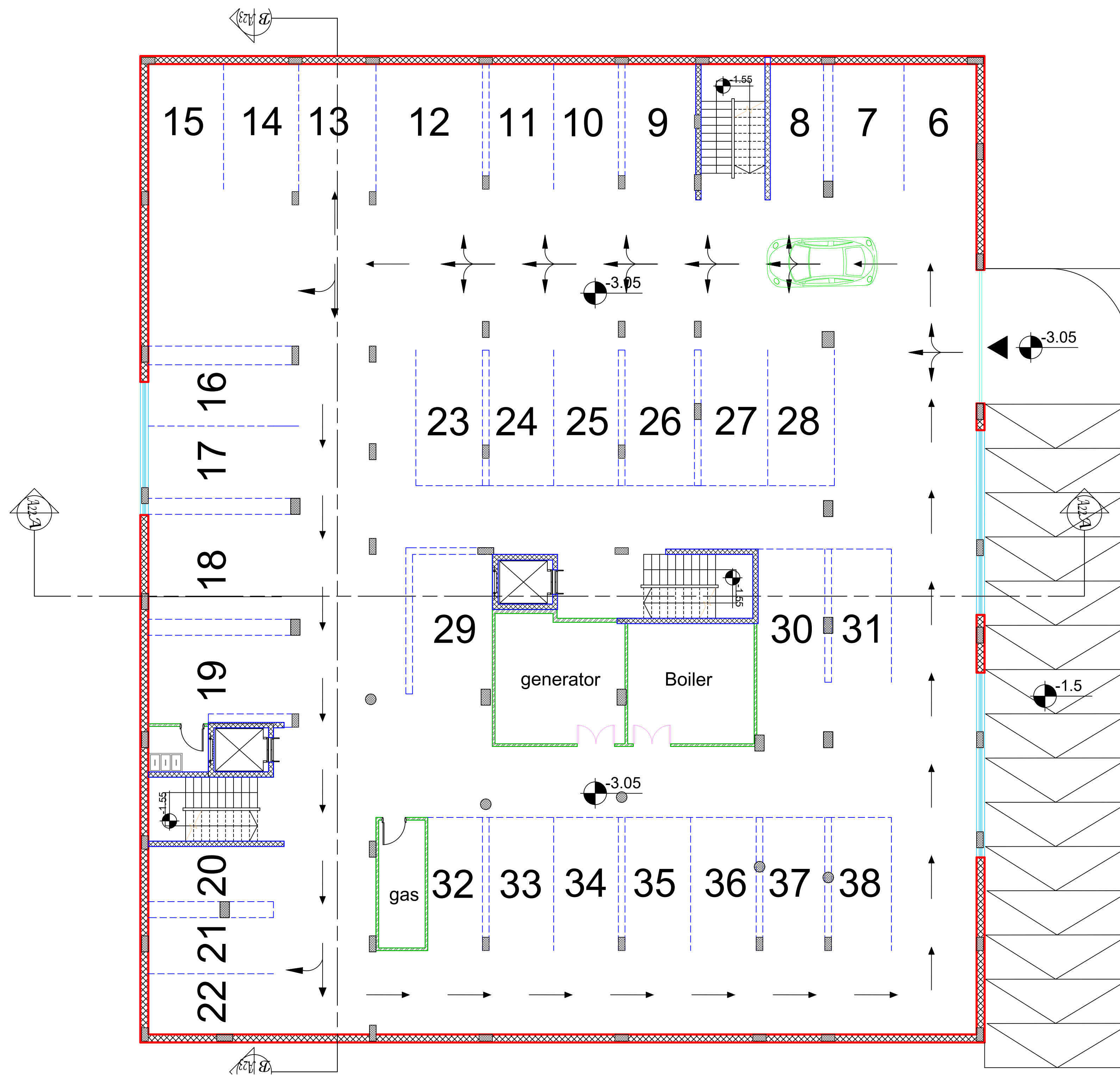
Supervisor

Dr. Nafez Nasreideen

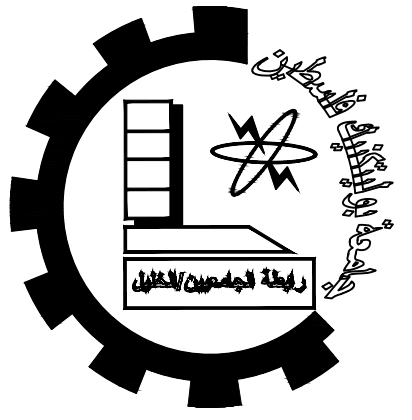
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SCALE	No. of DRAW	DATE
1/100	A7	4/6



Basement plan
Scale 1\100



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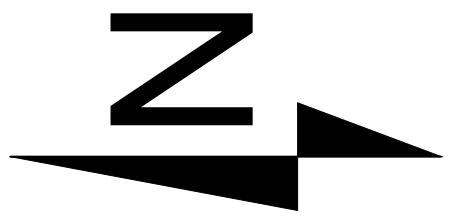
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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

Ground plan

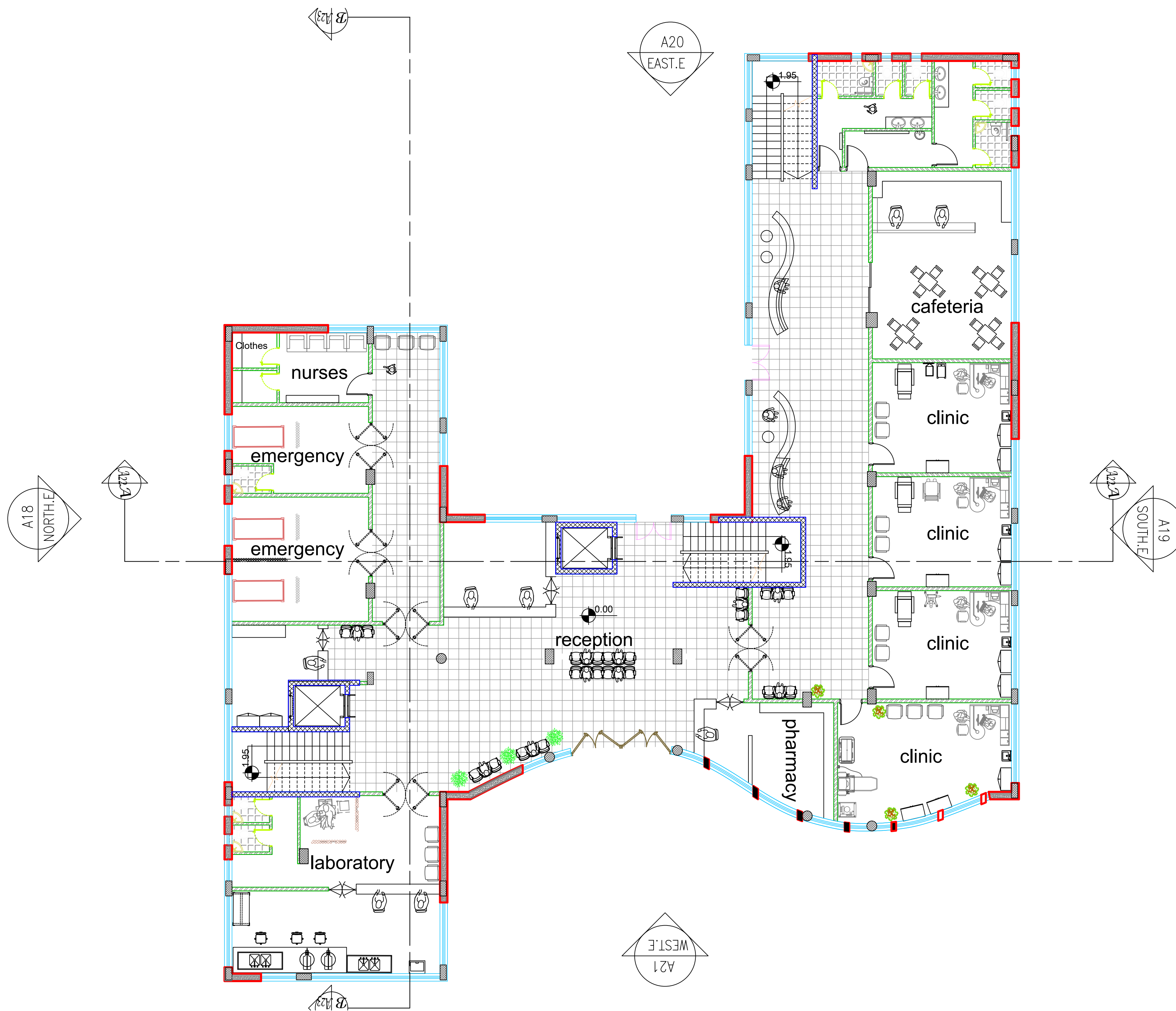
Supervisor

Dr. Nafez Nasreideen

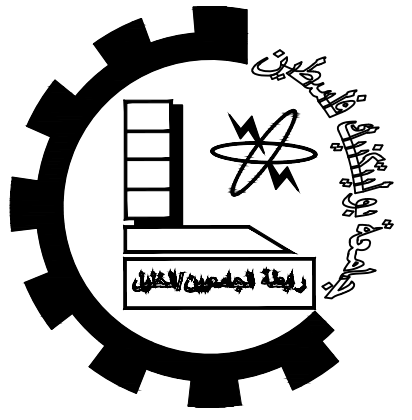
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	A8	4/6



Ground plan
Scale 1\100



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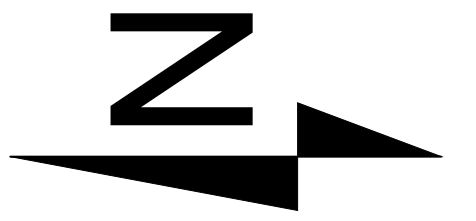
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Notes:-

all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

First plan

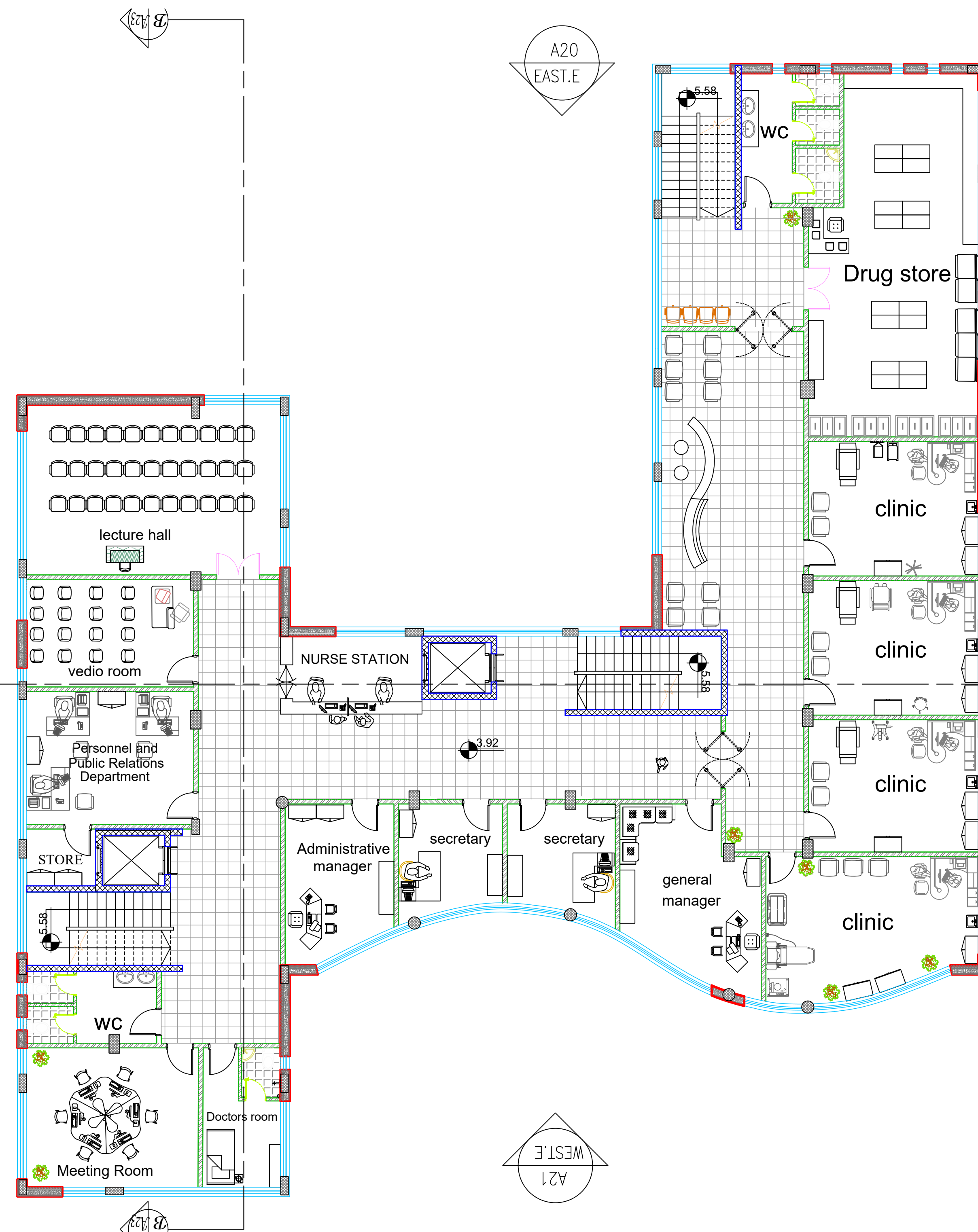
Supervisor

Dr. Nafez Nasreideen

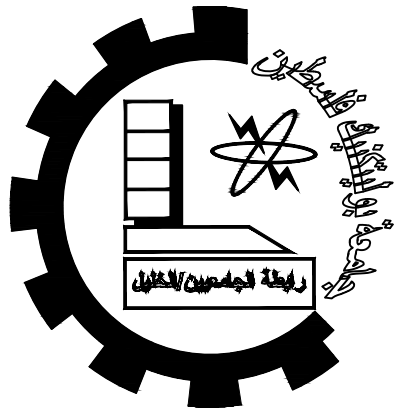
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Bayan Srour
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SCALE	No. of DRAW	DATE
1/100	A9	4/6



First plan
Scale 1\100



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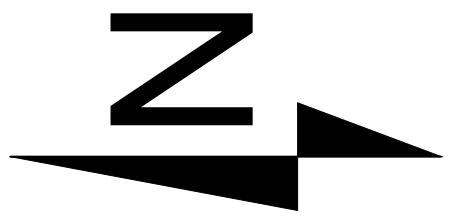
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Notes:-
all levels in M
all dimension in cm

LEGEND

	STONE		EARTH
	R.CONCRETE		CONCRETE
	HOLLOW BLOCK		

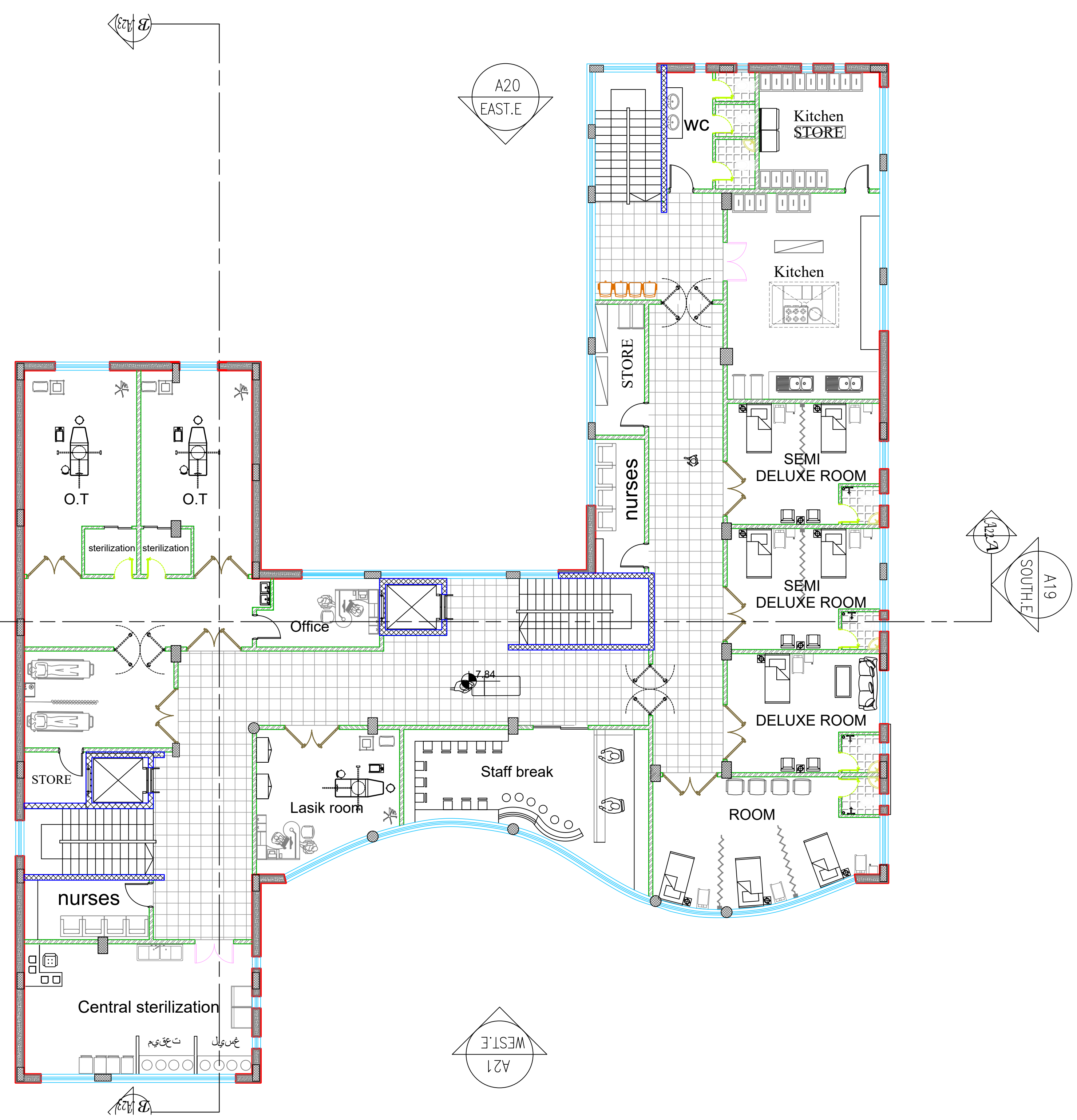
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Second plan

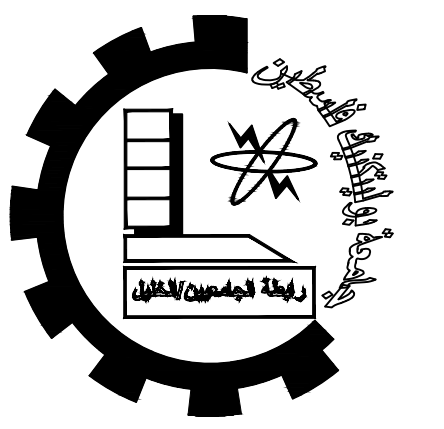
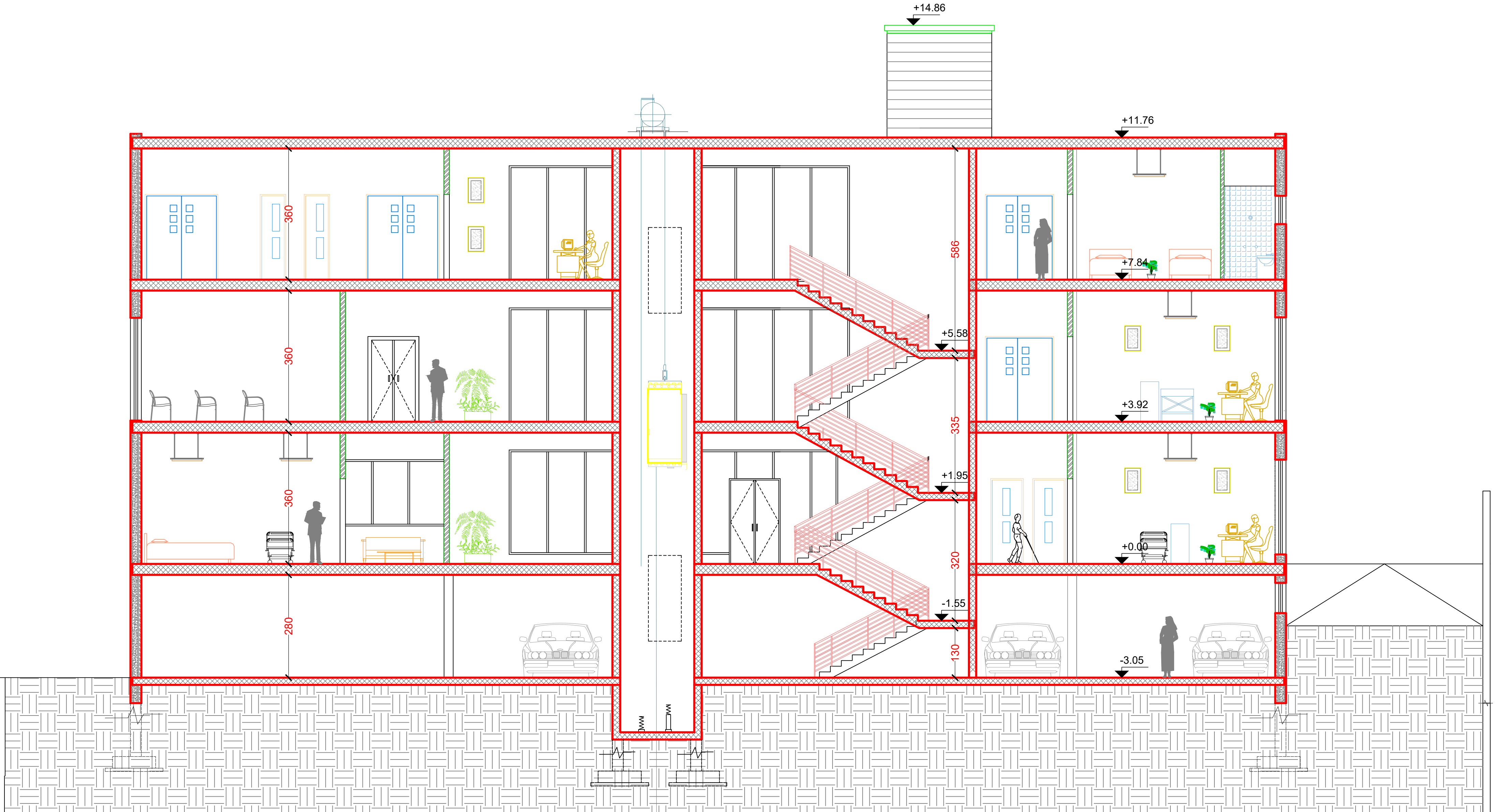
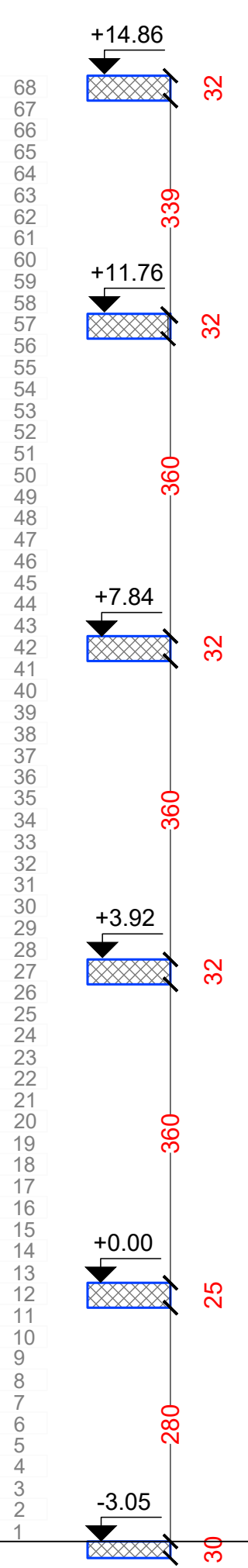
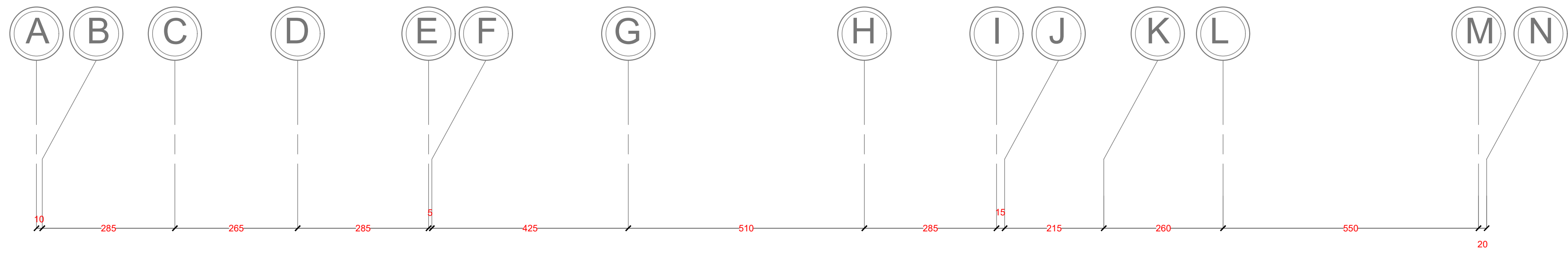
Supervisor
Dr. Nafez Nasreideen

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Bayan Srour
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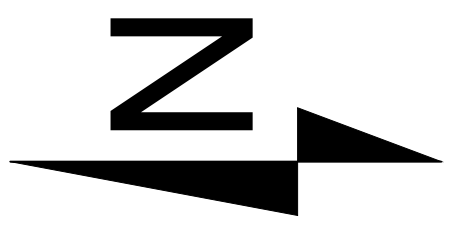
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Second plan
Scale 1\100



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Notes:-
 all levels in M
 all dimension in cm

LEGEND

	STONE		EARTH
	R.CONCRETE		CONCRETE
	HOLLOW BLOCK		

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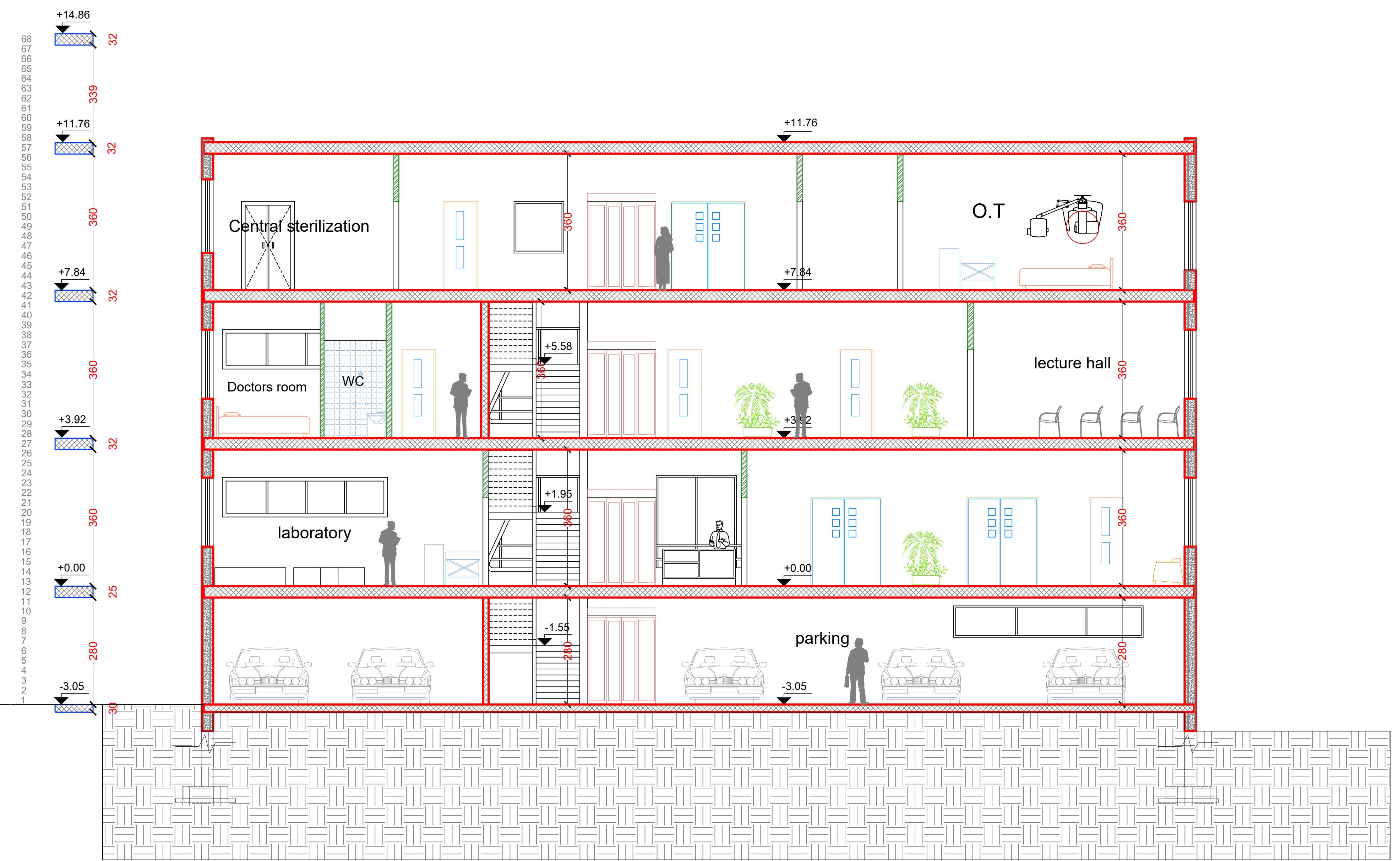
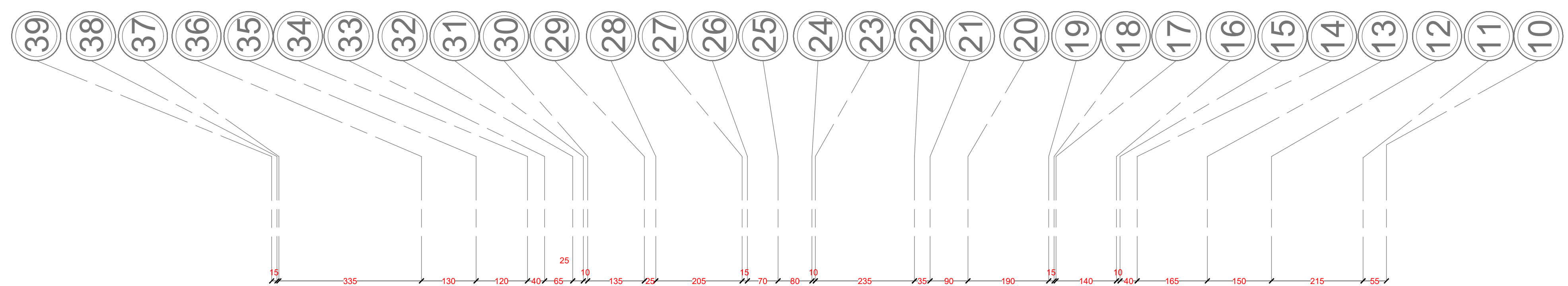
SECTION A-A

Supervisor
 Dr. Nafez Nasreideen

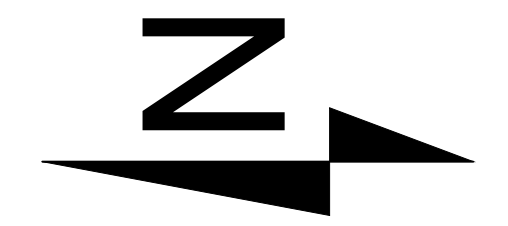
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 Bayan Srour
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SCALE	No. of DRAW	DATE
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Section A-A
 Scale 1\100



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Notes:-
 all levels in M
 all dimension in cm

- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK
 - EARTH

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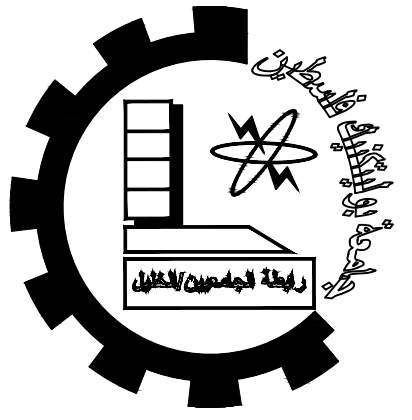
Section B-B

Supervisor
 Dr. Nafez Nasreideen

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 Rasha Shakarnah

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Section B-B
 Scale 1\100



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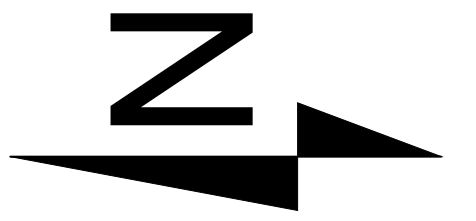
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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

MAIN ELEVATION

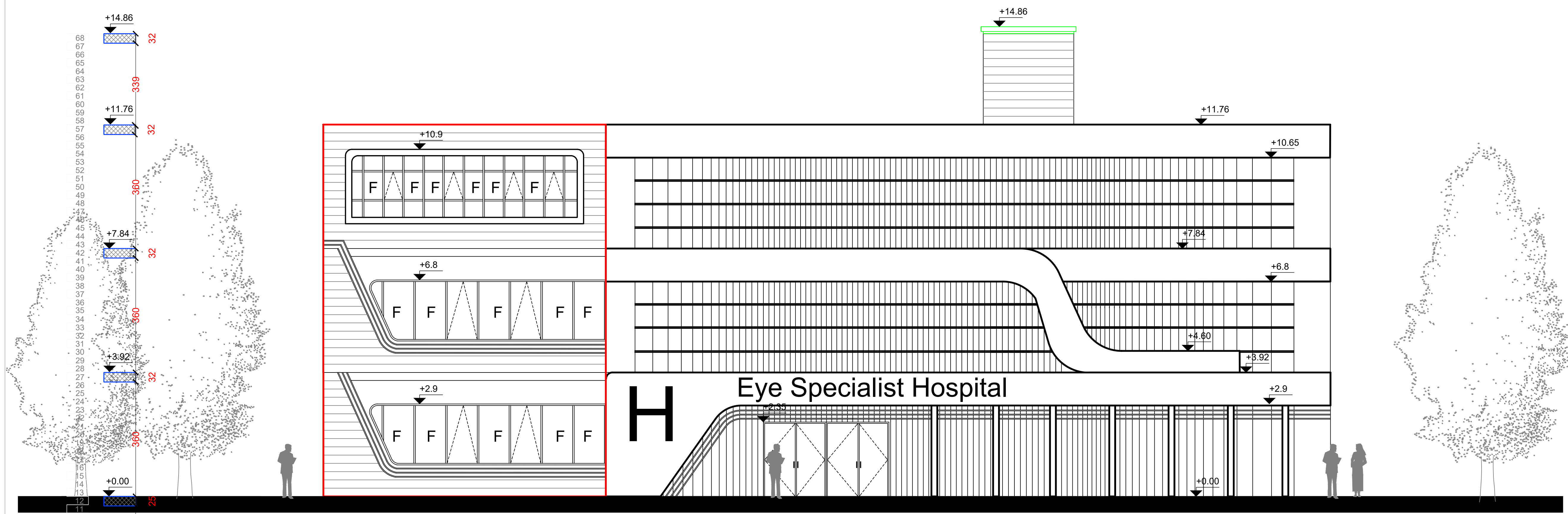
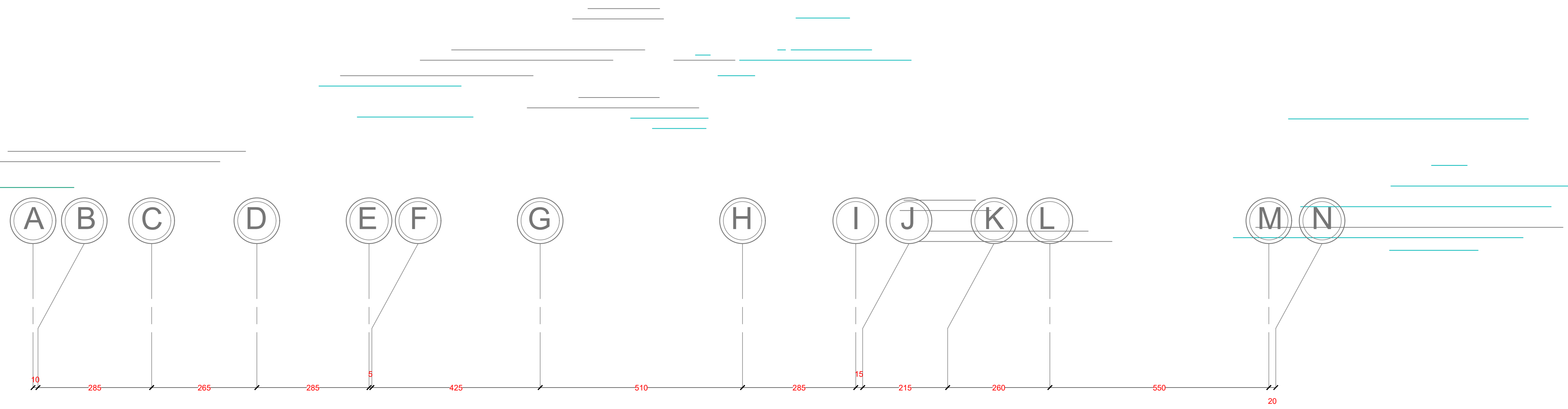
Supervisor

Dr. Nafez Nasreideen

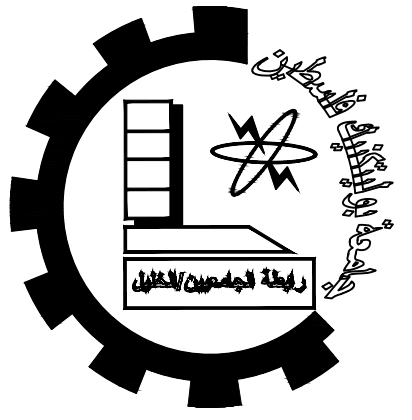
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SCALE	No. of DRAW	DATE
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MAIN ELEVATION
Scale 1\100



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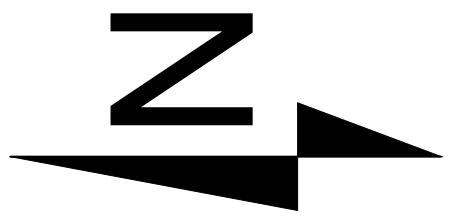
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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

NORTH ELEVATION

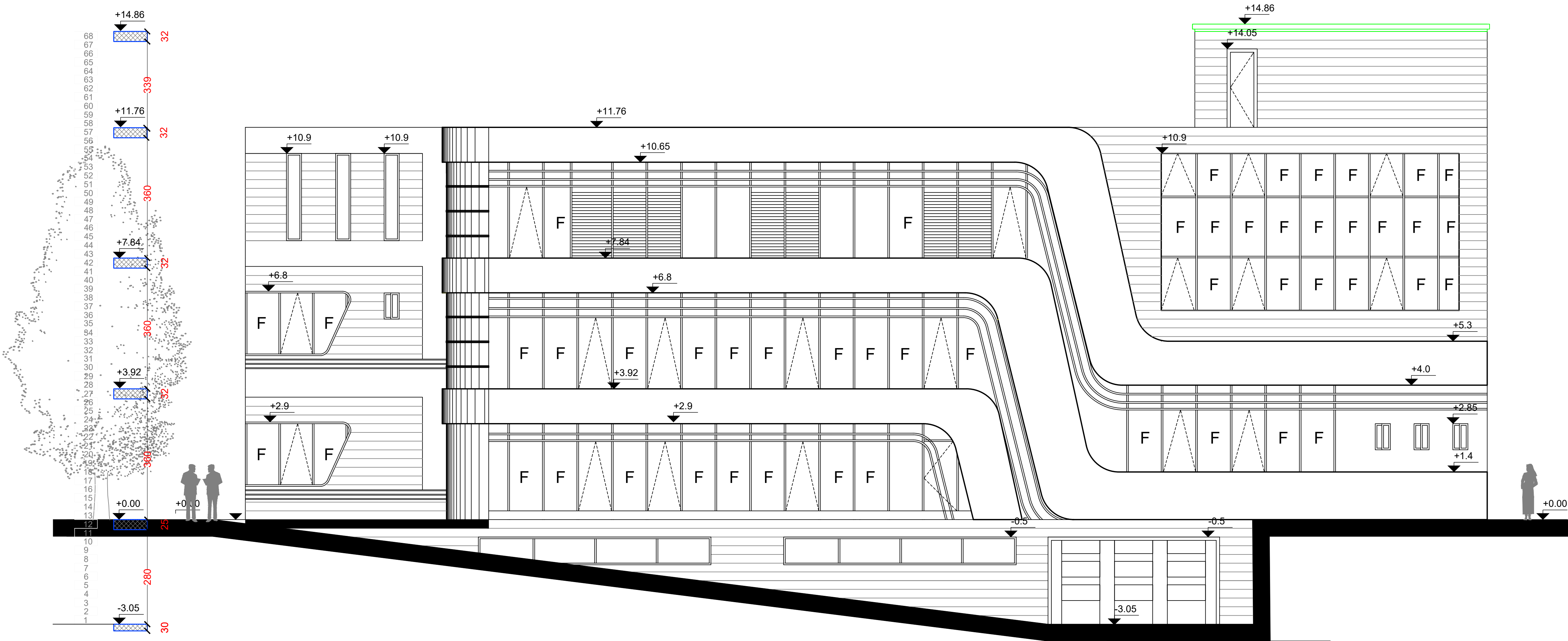
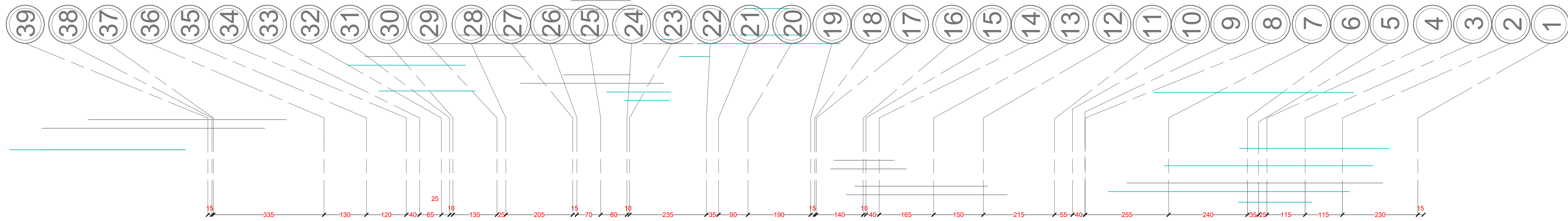
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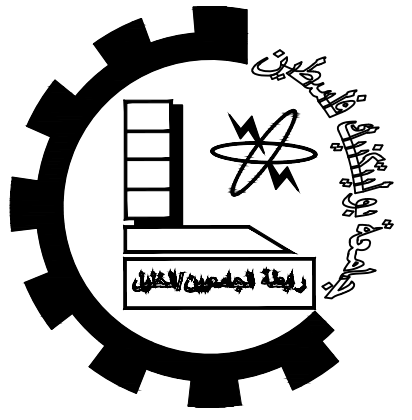
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1/100	A14	4/6



NORTH ELEVATION
Scale 1\100



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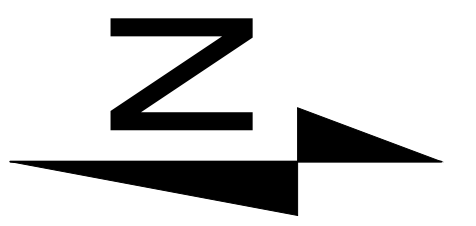
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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

SOUTH ELEVATION

Supervisor

Dr. Nafez Nasreideen

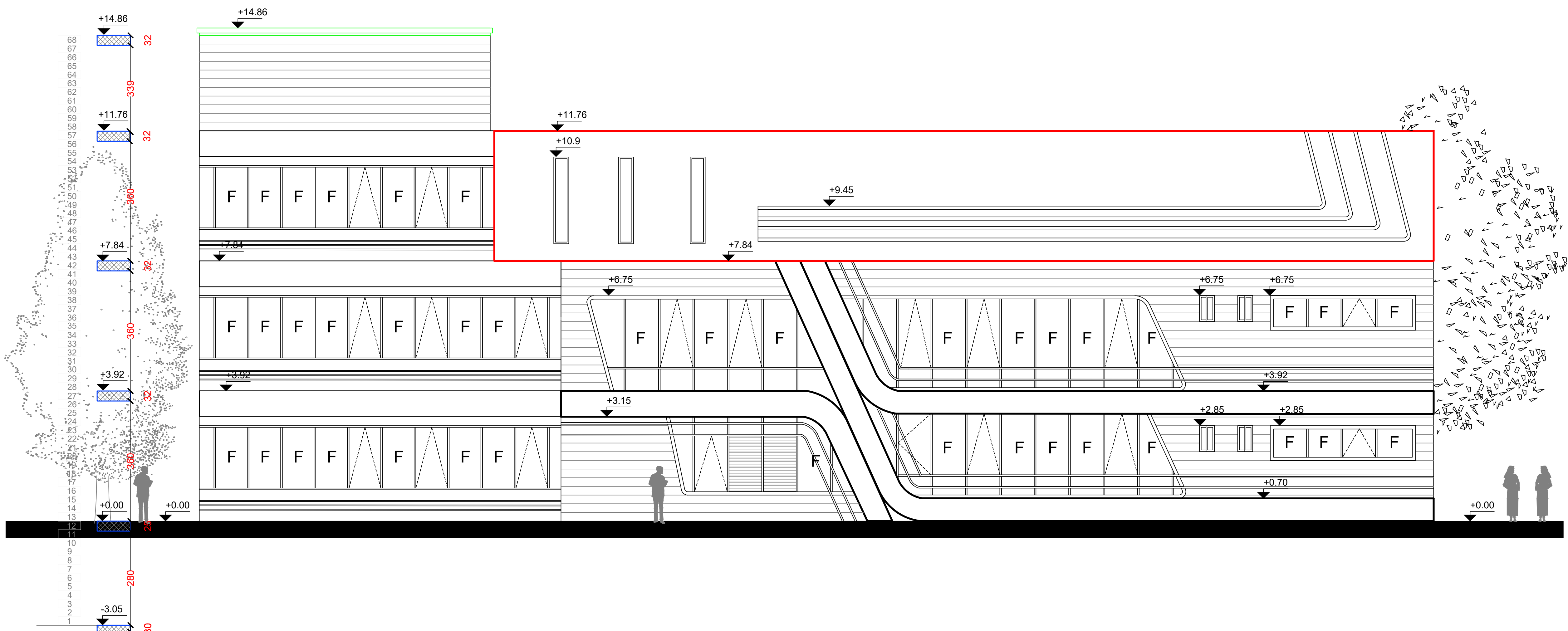
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Bayan Srour
Rasha Shakarnah

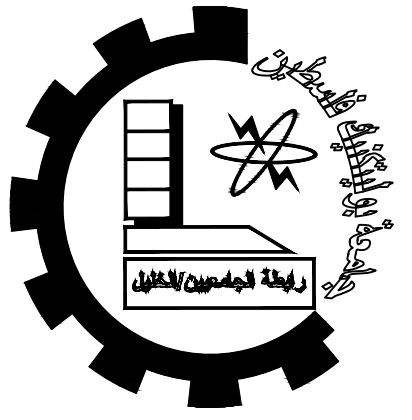
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SOUTH ELEVATION
Scale 1\100



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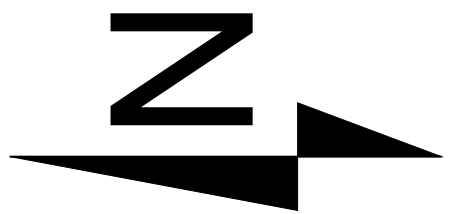
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Notes:-
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all dimension in cm

LEGEND

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- CONCRETE
- HOLLOW BLOCK
- EARTH

DRAWING TITLE :

WEST ELEVATION

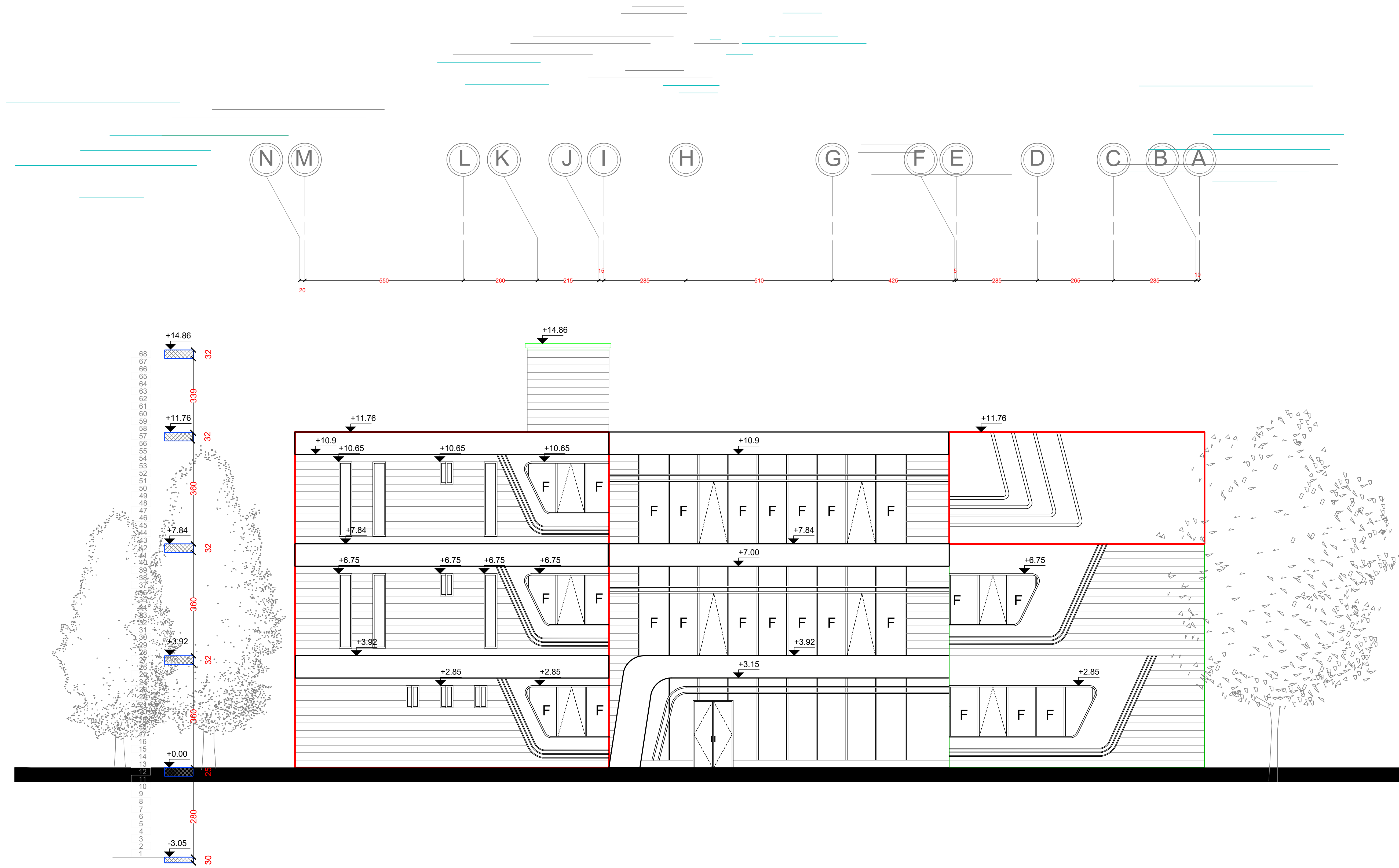
Supervisor

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Done by :

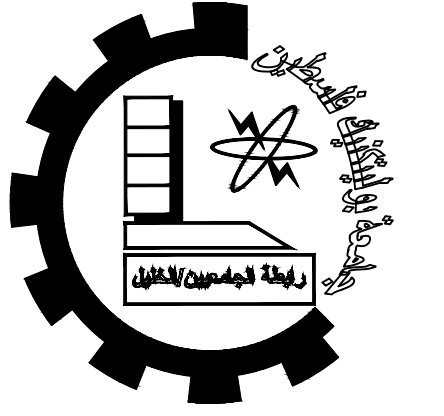
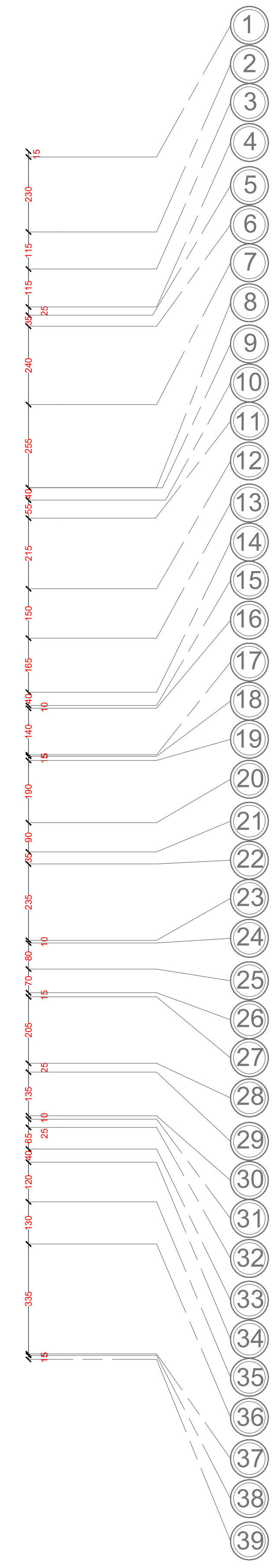
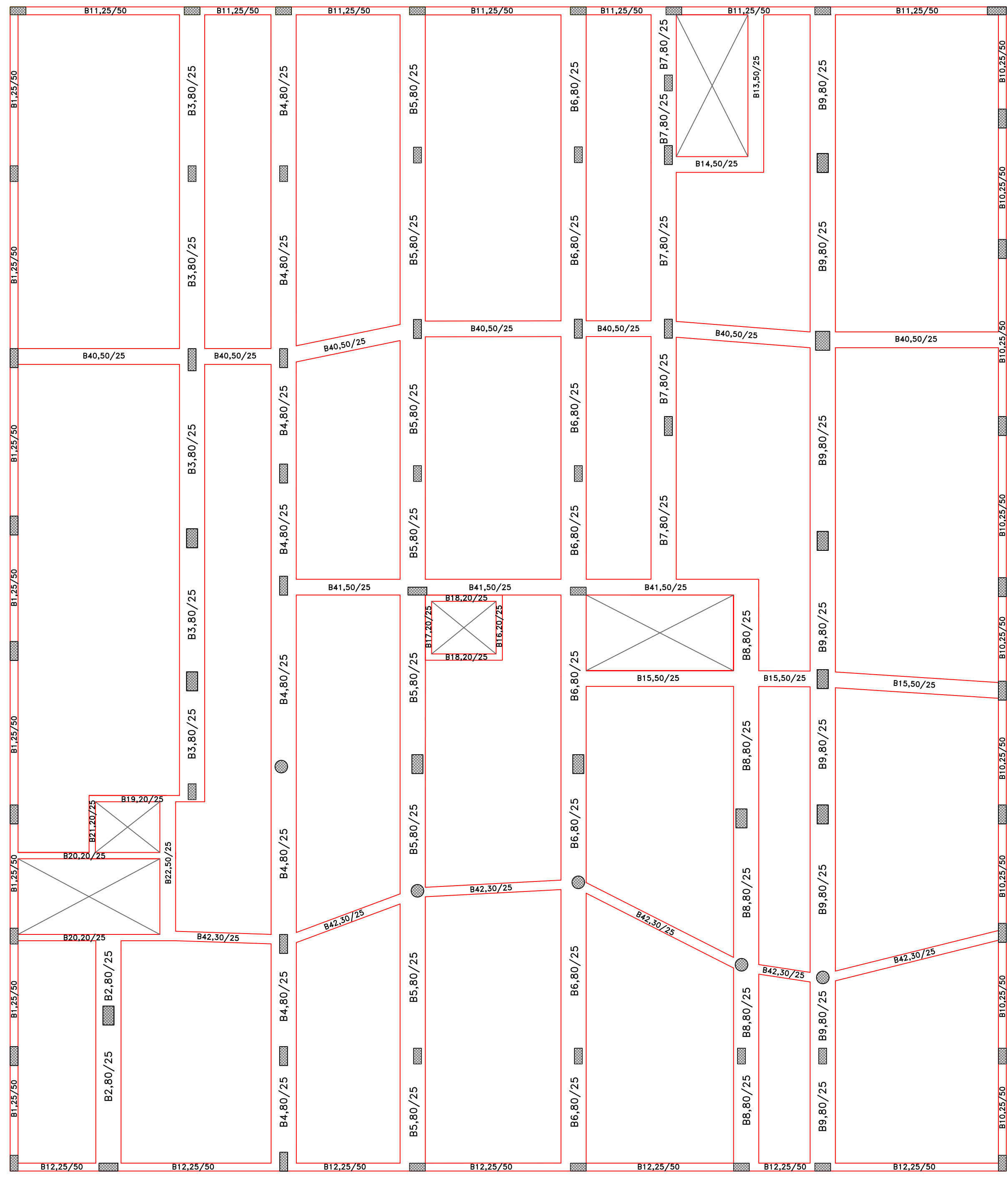
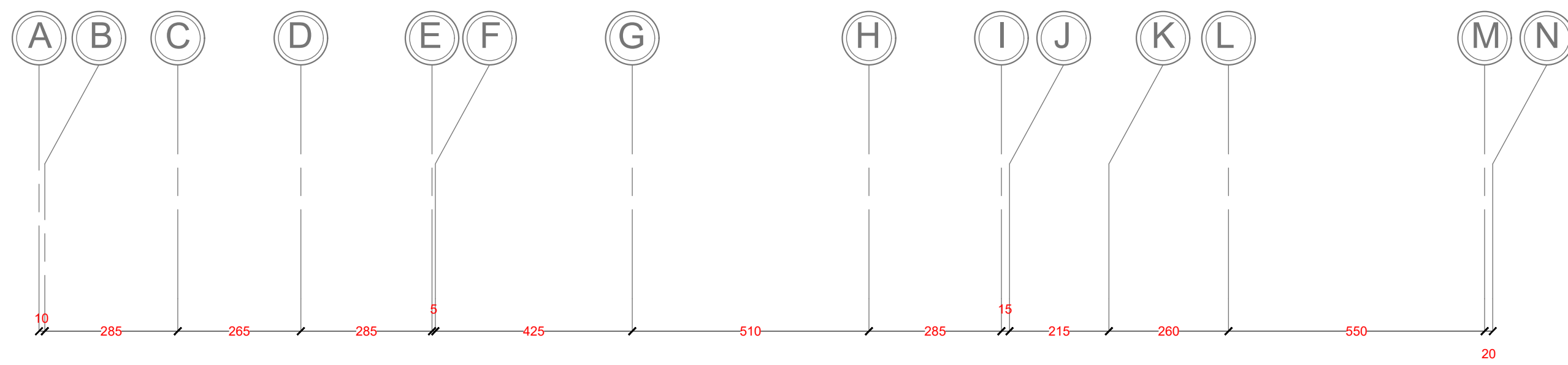
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Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	A16	4/6



WEST ELEVATION

Scale 1\100



Palestine Polytechnic University

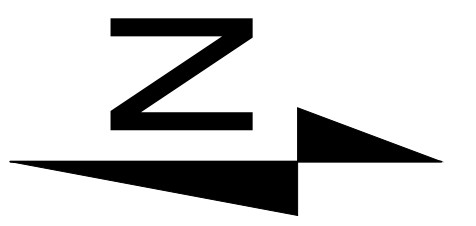
College of Engineering

Civil Engineering Department

Civil Engineering

Graduation Project

Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

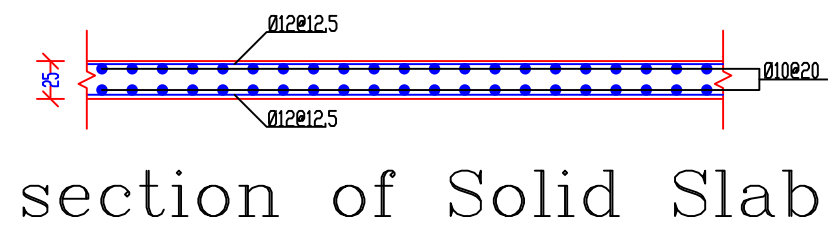
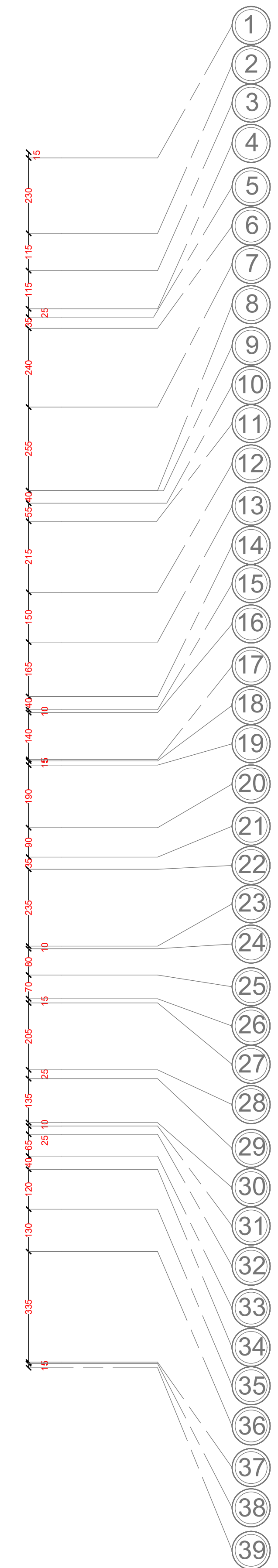
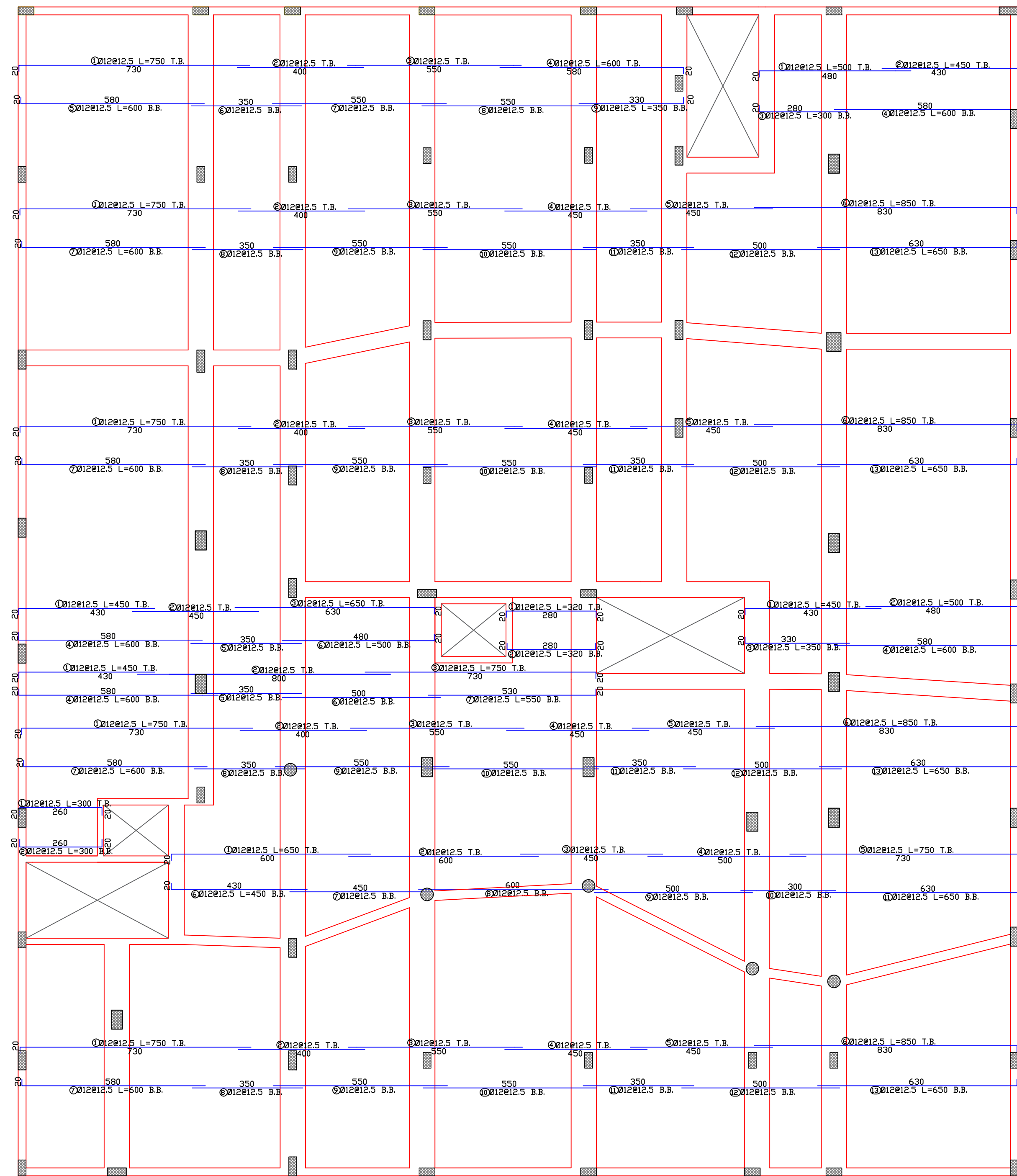
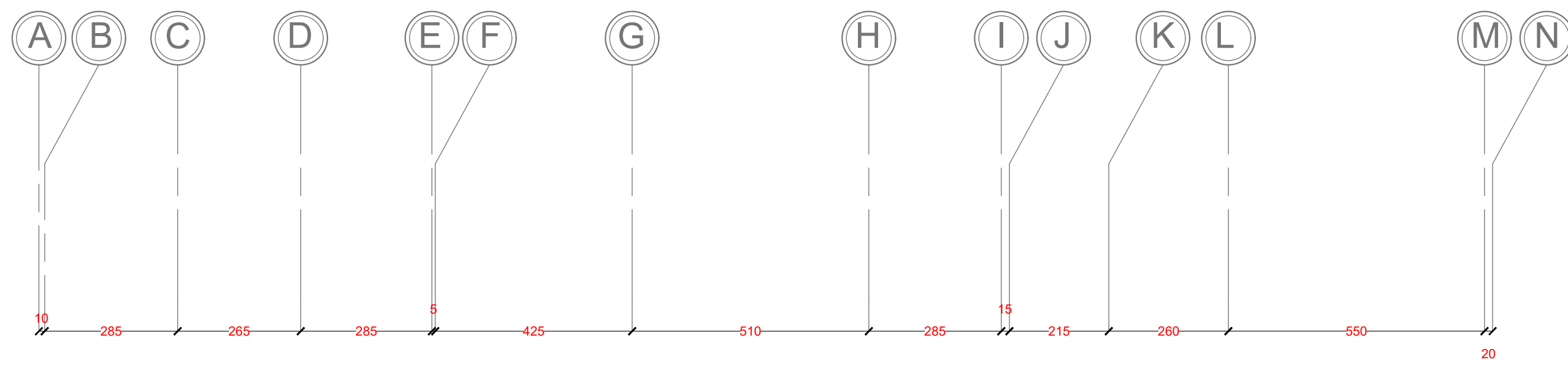
DRAWING TITLE :
Basement Slab
Distribution of Ribs

Supervisor
Dr. Nafez Nasreideen

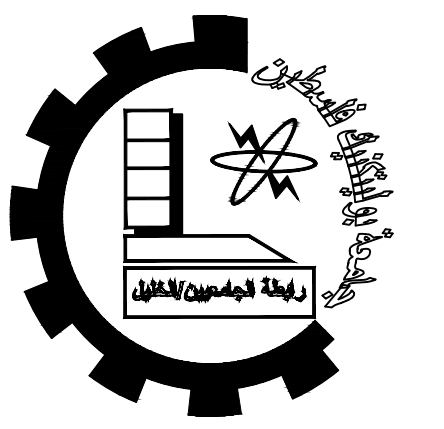
Done by :
Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S1	4/6

Basement Slab—Distribution of Ribs
Scale 1\100



Reinforced ribs in Basement Slab
Scale 1\100



Palestine Polytechnic University

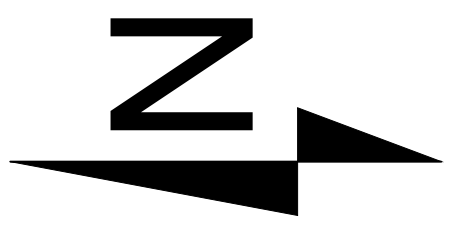
College of Engineering

Civil Engineering Department

Civil Engineering

Graduation Project

Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Reinforced ribs in
Basement Slab

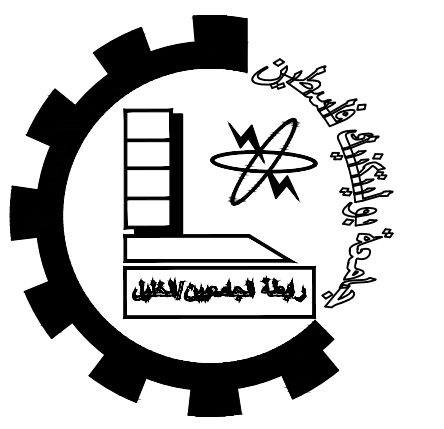
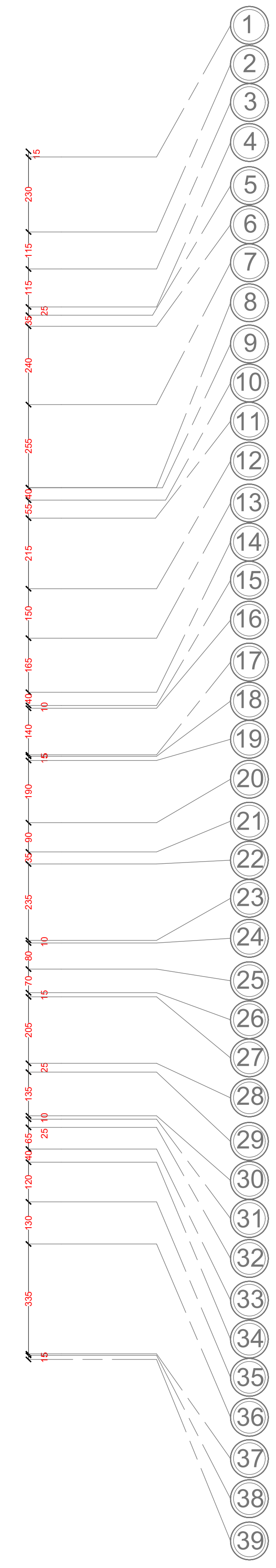
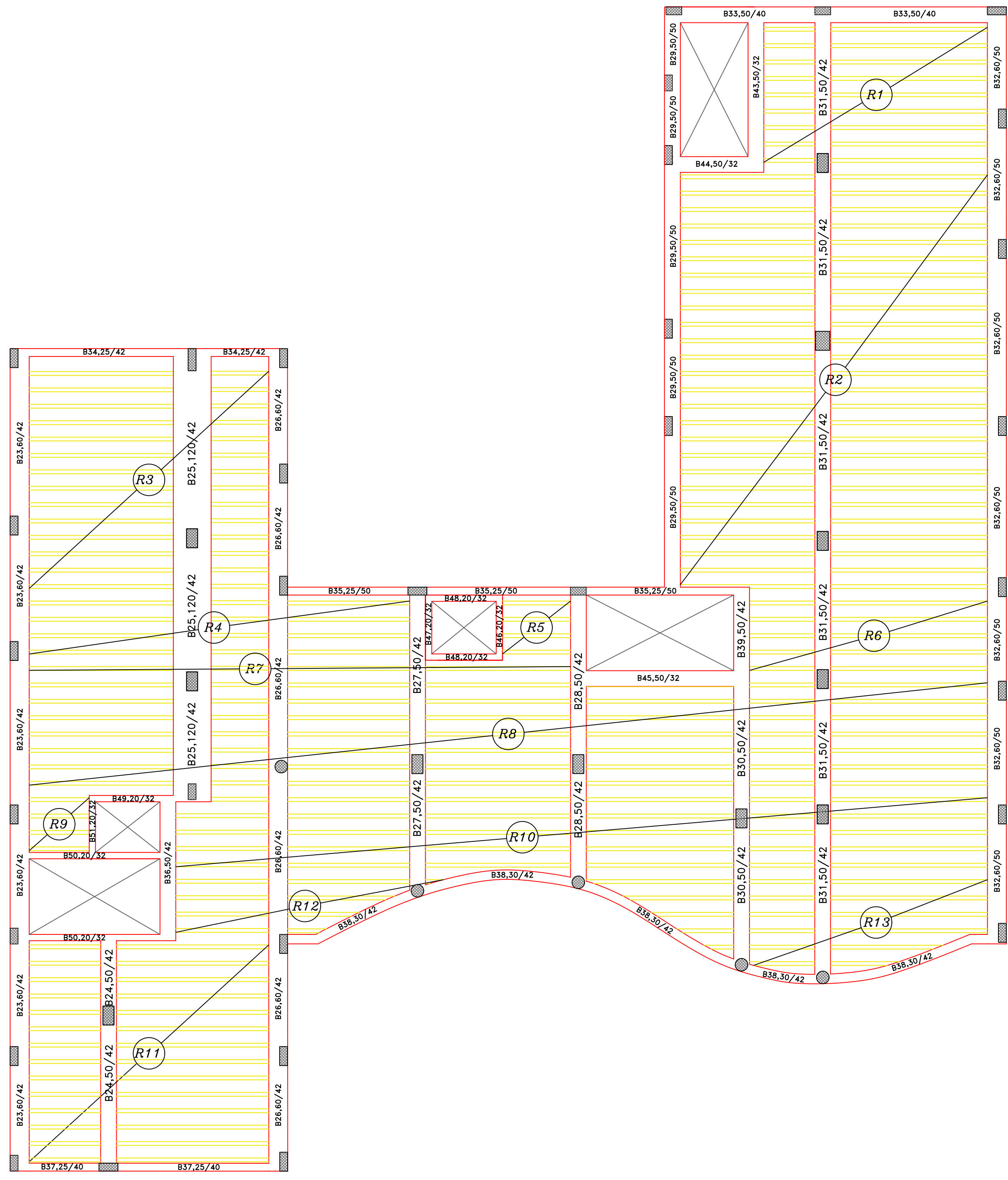
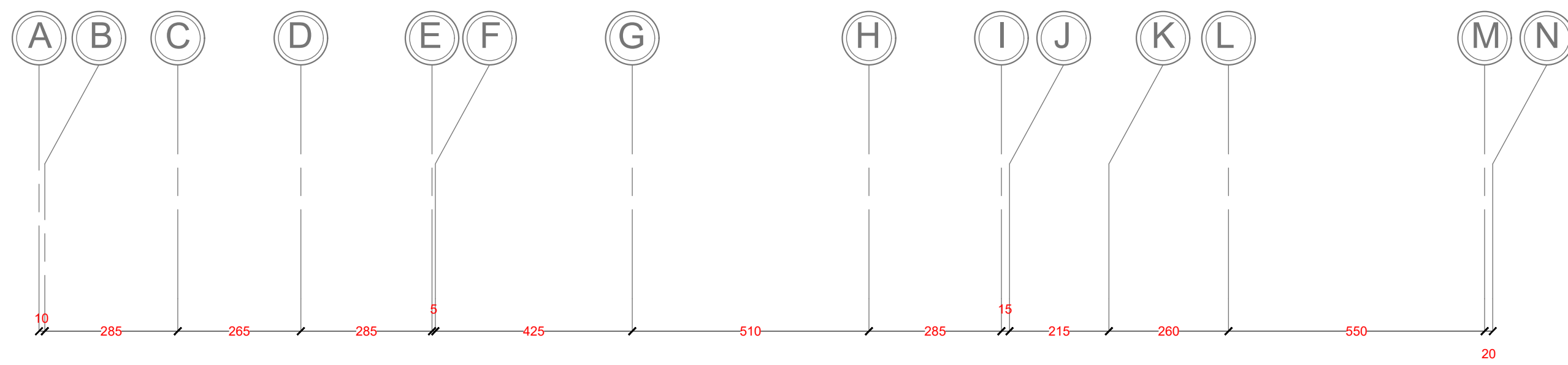
Supervisor

Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S2	4/6



Palestine Polytechnic University

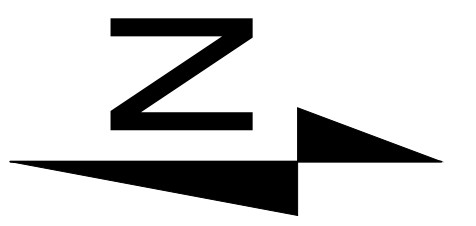
College of Engineering

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Notes:-
all levels in M
all dimension in cm

- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

DRAWING TITLE :

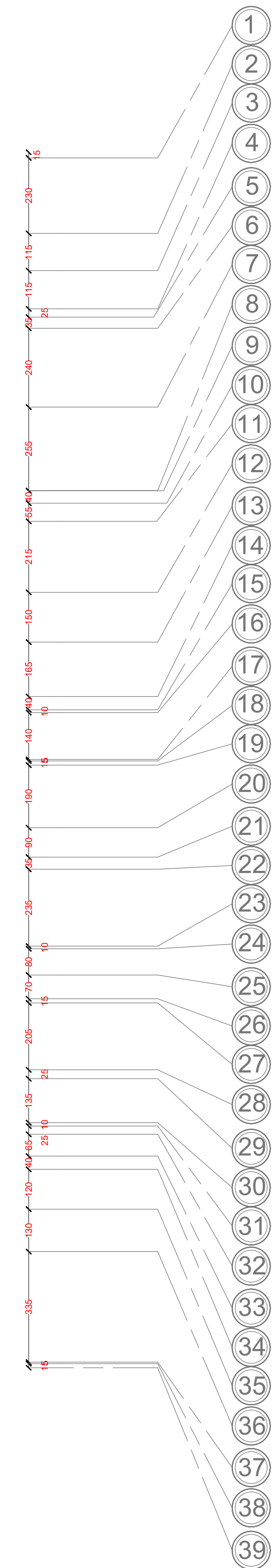
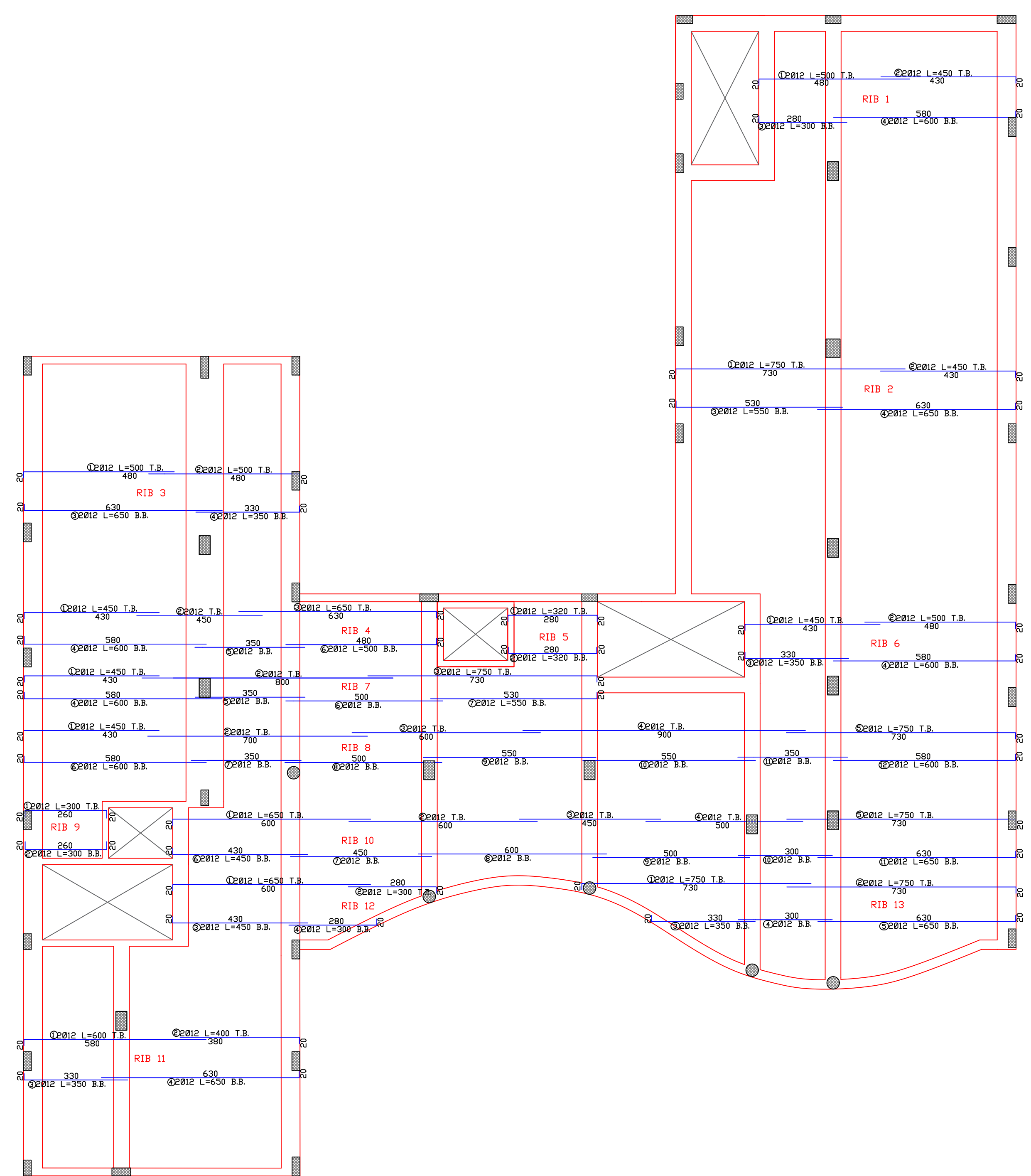
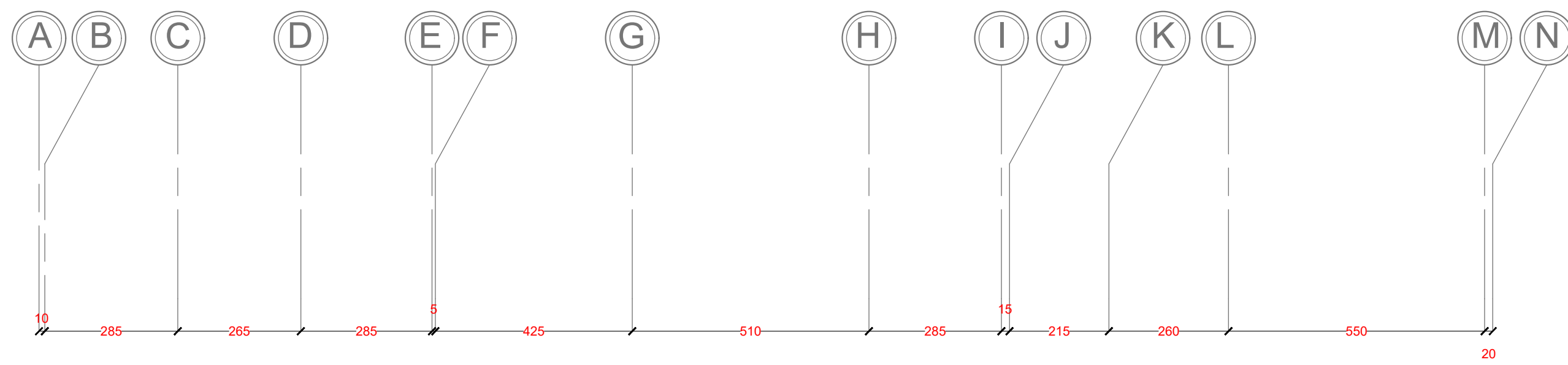
Ground Floor Slab
Distribution of Ribs

Supervisor
Dr. Nafez Nasreideen

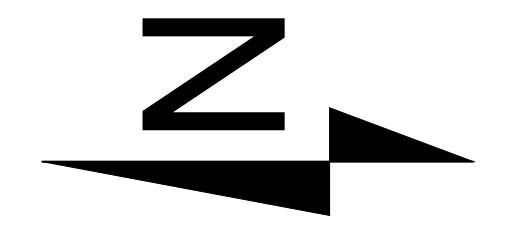
Done by :
Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S3	4/6

Ground Floor Slab-Distribution of Ribs
Scale 1\100



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Notes:-
 all levels in M
 all dimension in cm

- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

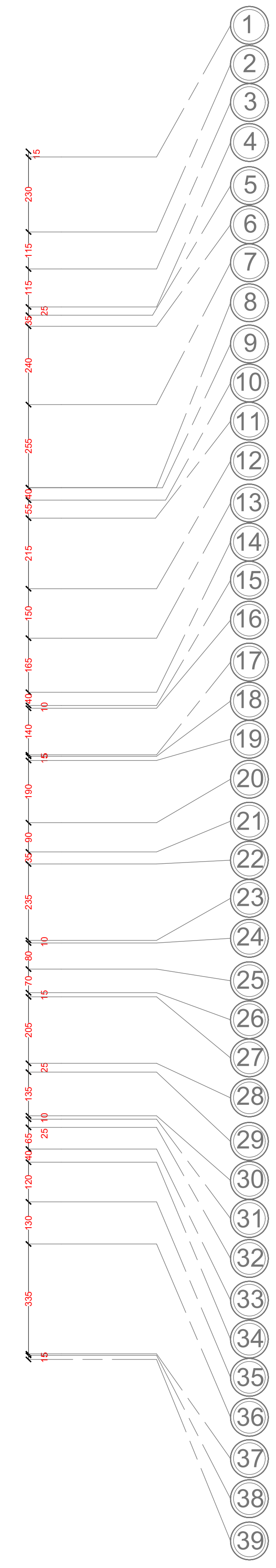
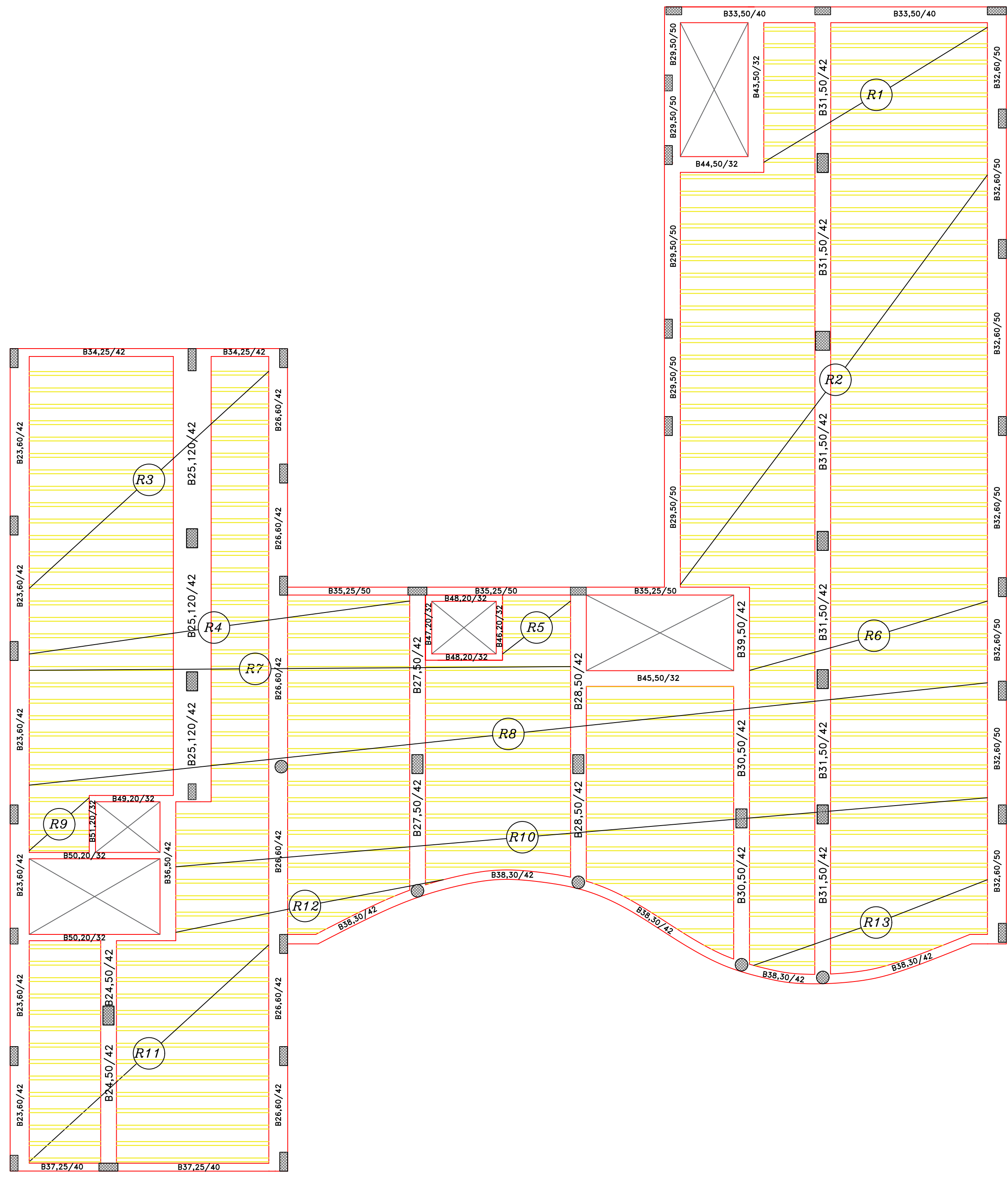
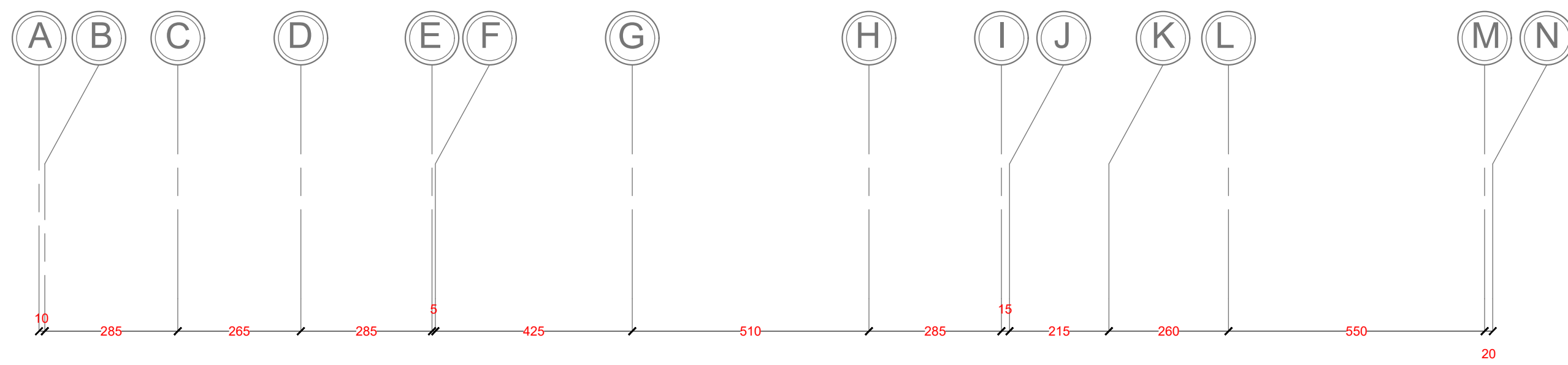
DRAWING TITLE :
Reinforced ribs in Ground Floor Slab

Supervisor
 Dr. Nafez Nasreideen

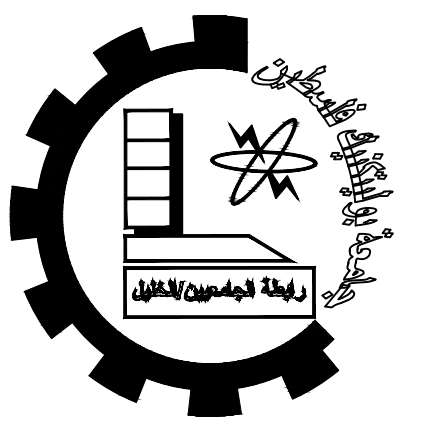
Done by :
 Bayan Srour
 Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S4	4/6

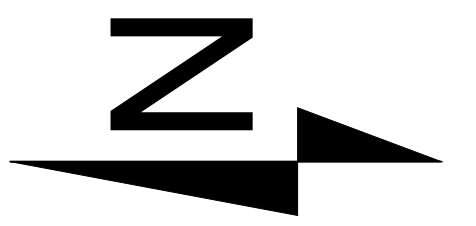
Reinforced ribs in Ground Floor Slab
 Scale 1\100



First Floor Slab-Distribution of Ribs
Scale 1\100



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Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

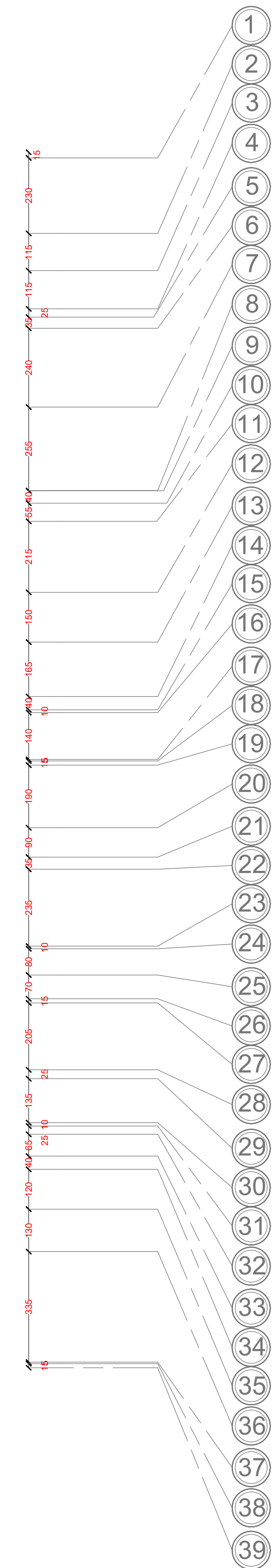
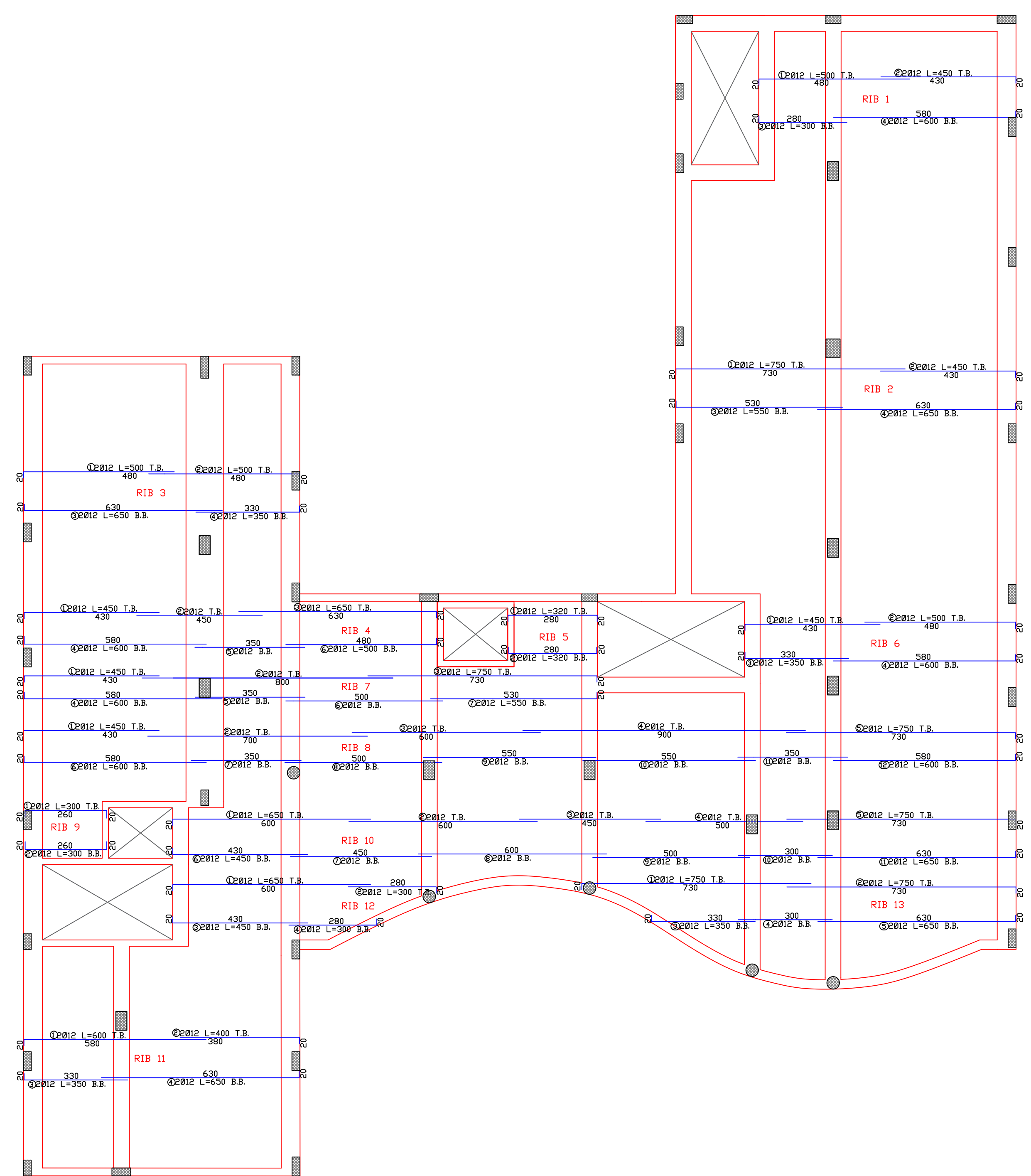
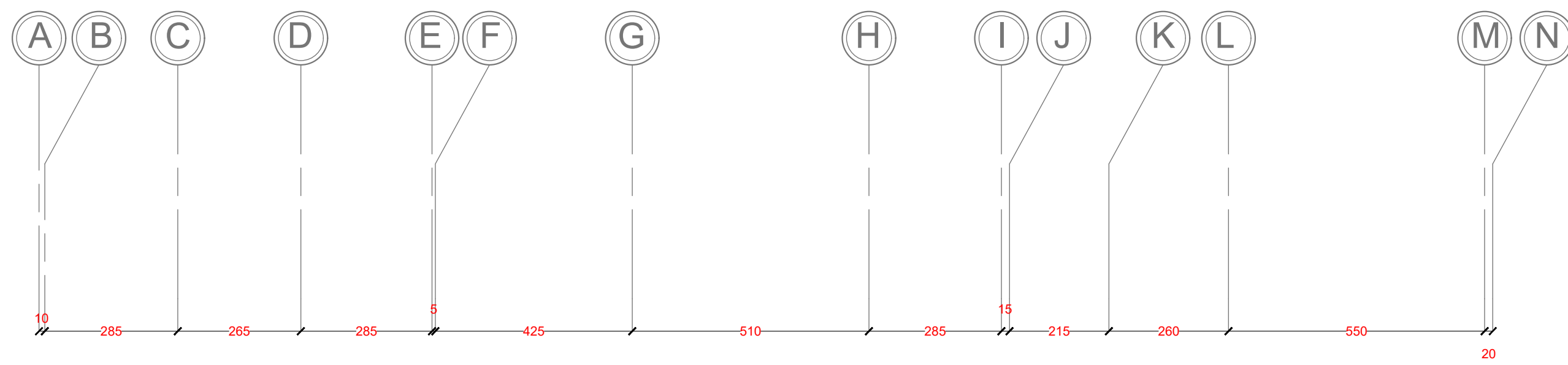
- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

DRAWING TITLE :
First Floor Slab
Distribution of Ribs

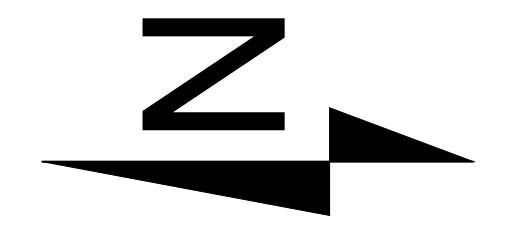
Supervisor
Dr. Nafez Nasreideen

Done by :
Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S5	4/6



Palestine Polytechnic University
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Graduation Project
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Notes:-
 all levels in M
 all dimension in cm

- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

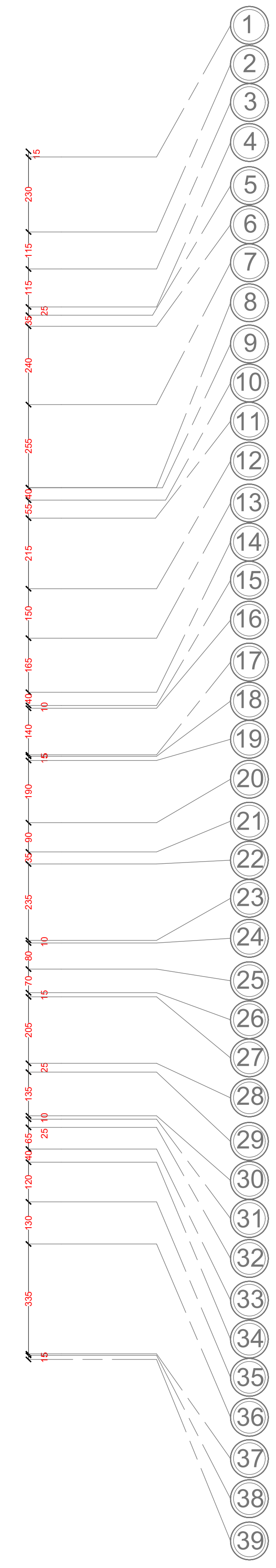
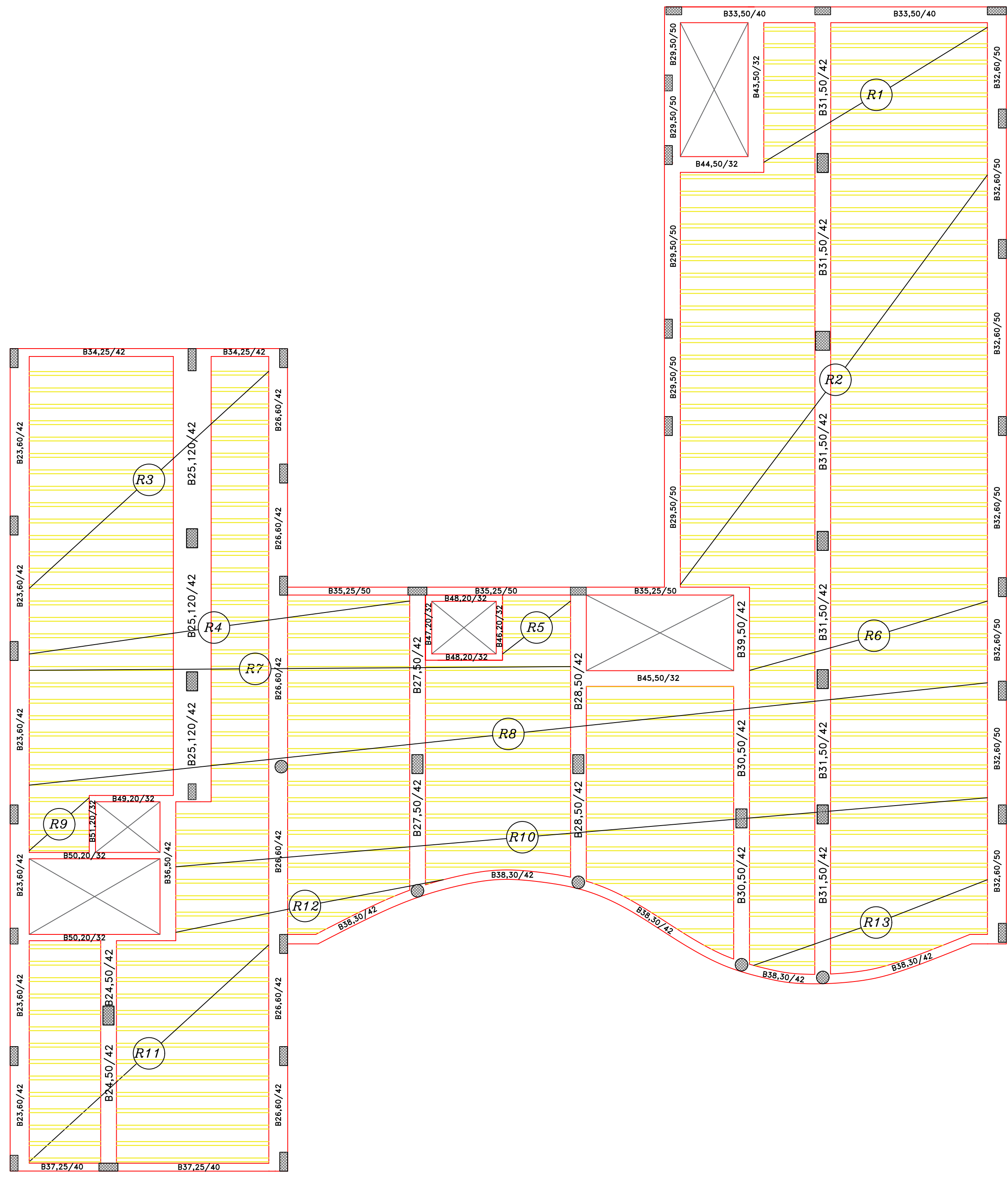
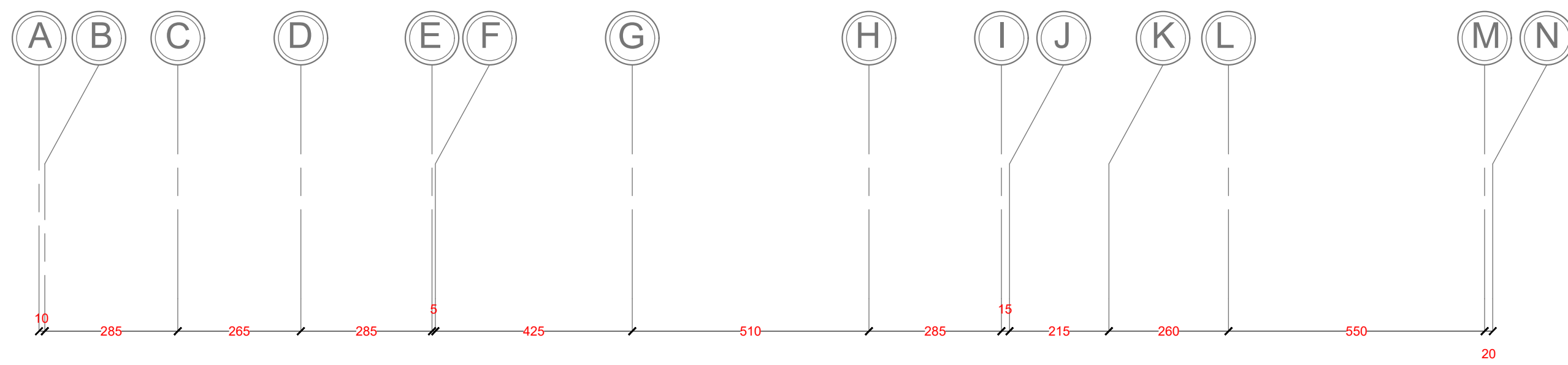
DRAWING TITLE :
Reinforced ribs in First Floor Slab

Supervisor
 Dr. Nafez Nasreideen

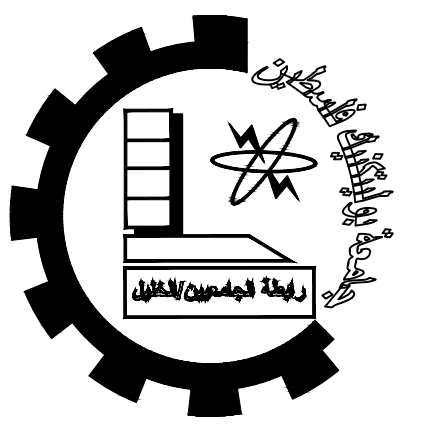
Done by :
 Bayan Srour
 Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S6	4/6

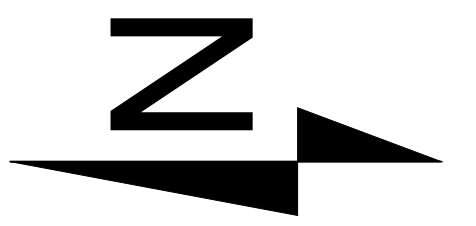
Reinforced ribs in First Floor Slab
 Scale 1\100



Second Floor Slab-Distribution of Ribs
Scale 1\100



Palestine Polytechnic University
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Civil Engineering
Graduation Project
Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

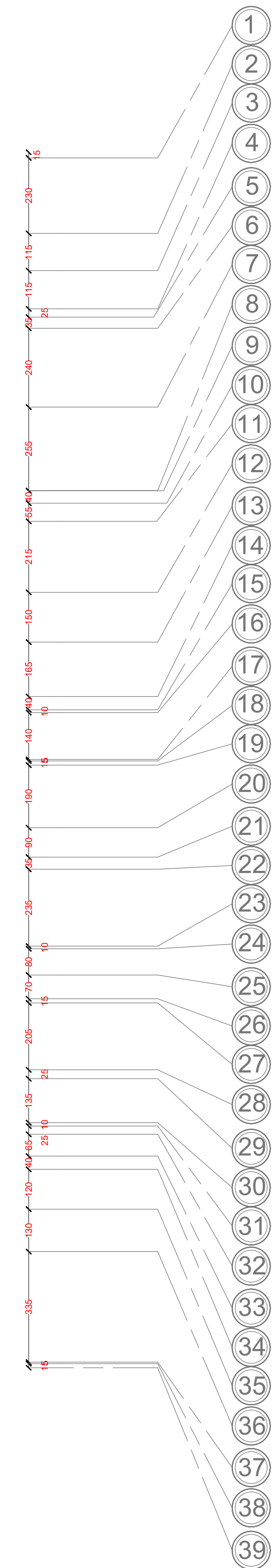
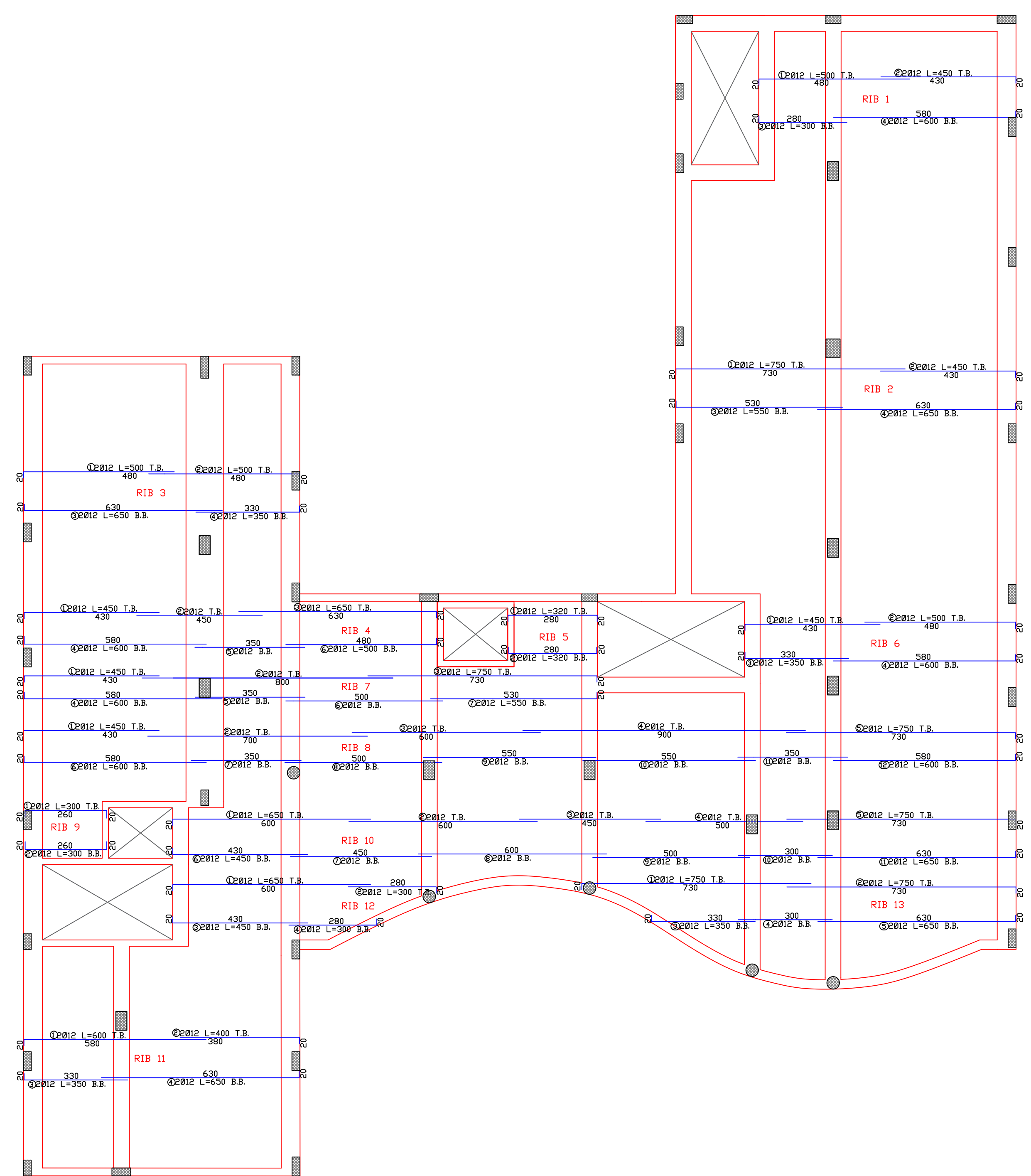
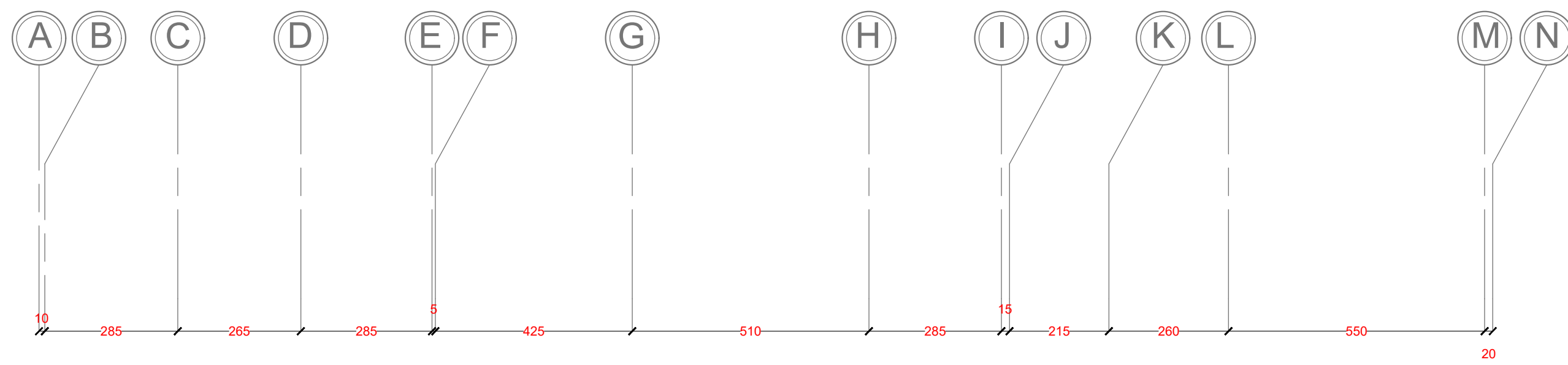
- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

DRAWING TITLE :
Second Floor Slab
Distribution of Ribs

Supervisor
Dr. Nafez Nasreideen

Done by :
Bayan Srour
Rasha Shakarnah

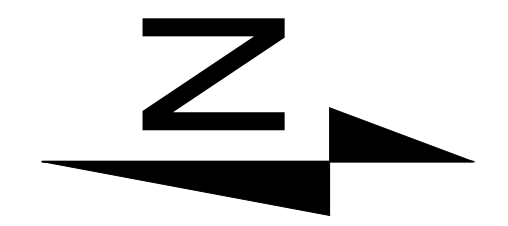
SCALE	No. of DRAW	DATE
1/100	S7	4/6



Reinforced ribs in Second Floor Slab
Scale 1\100



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Civil Engineering
Graduation Project
Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

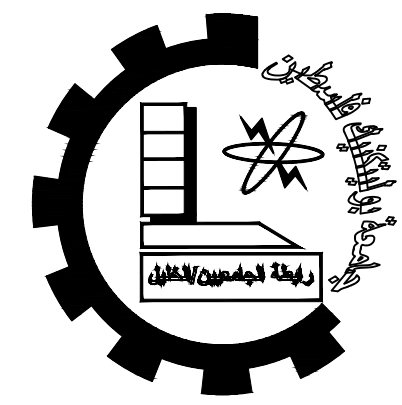
- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

DRAWING TITLE :
Reinforced ribs in Second Floor Slab

Supervisor
Dr. Nafez Nasreideen

Done by :
Bayan Srour
Rasha Shakarnah

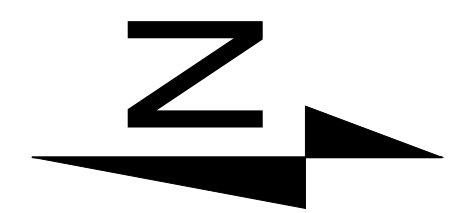
SCALE	No. of DRAW	DATE
1/100	S8	4/6



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Notes:-
 all levels in M
 all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Design Beams

Supervisor

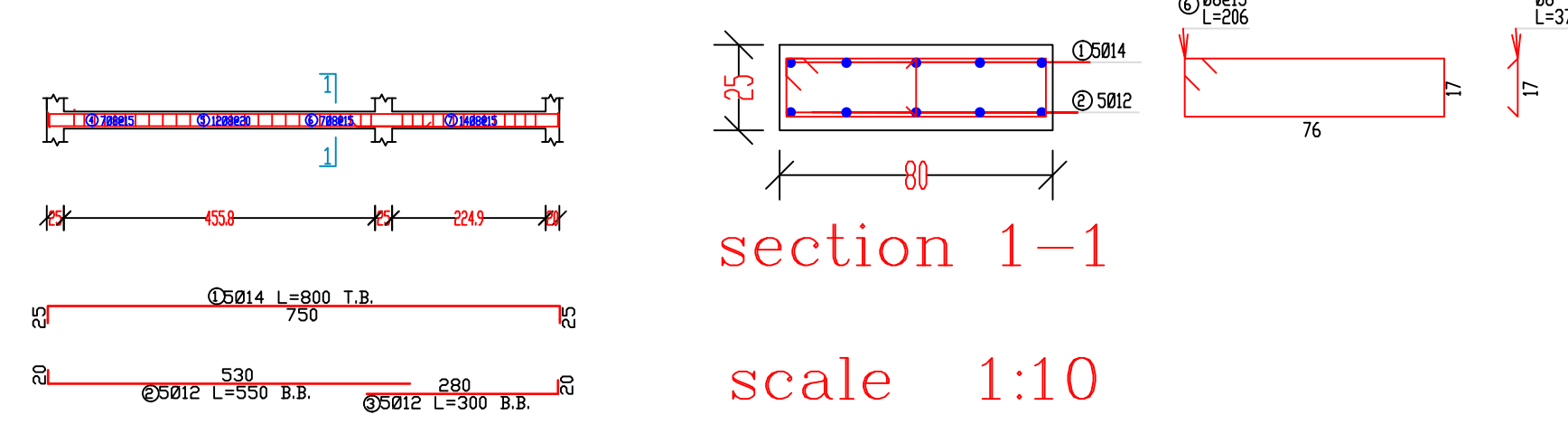
Dr. Nafez Nasreideen

Done by :

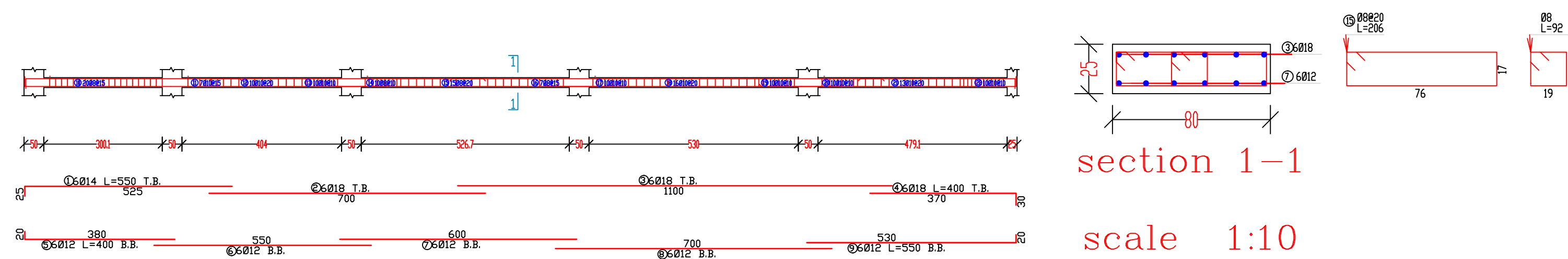
Bayan Srour
 Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S9	4/6

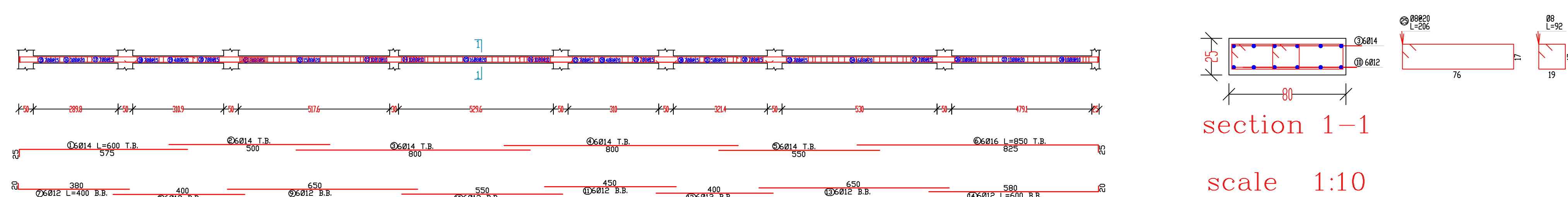
B02(80/25)CM
 scale 1:100



B03(80/25)CM
 scale 1:100

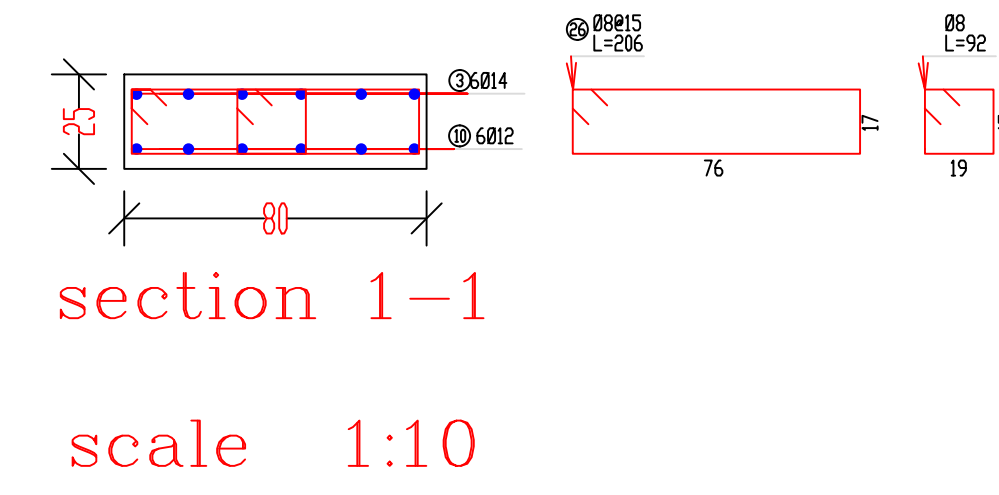
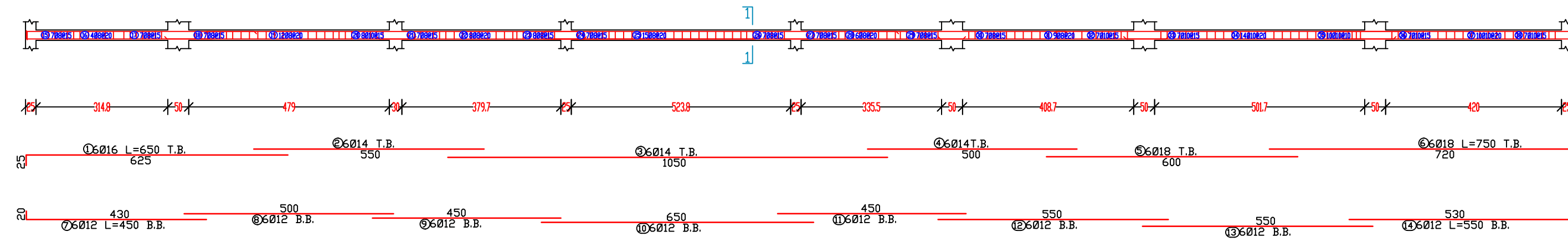


B04(80/25)CM
 scale 1:100

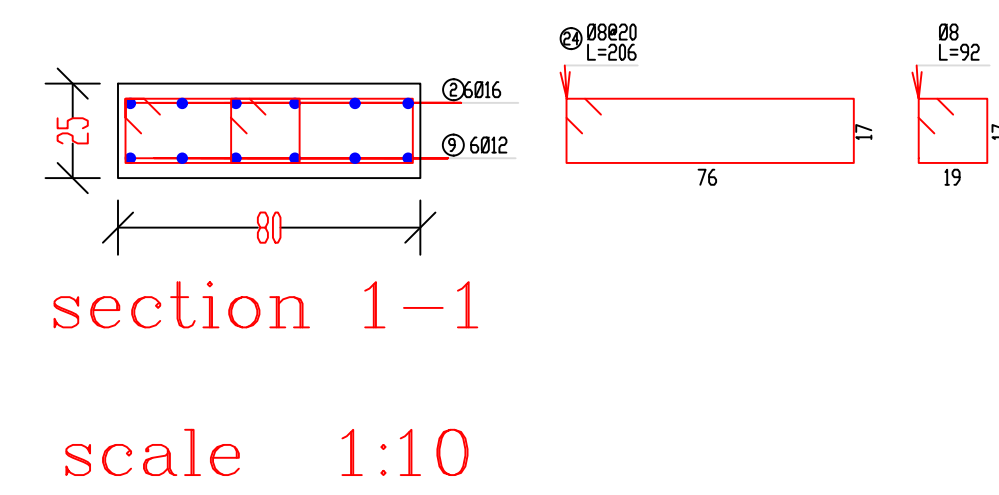
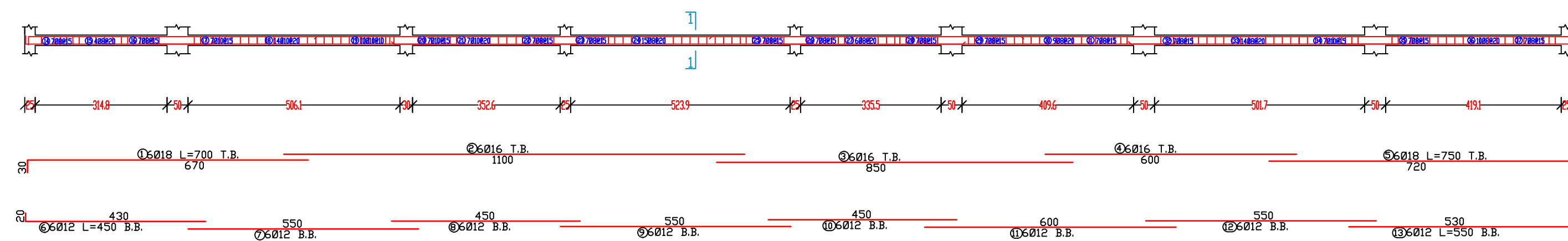


Design Beams
 Scale 1\100

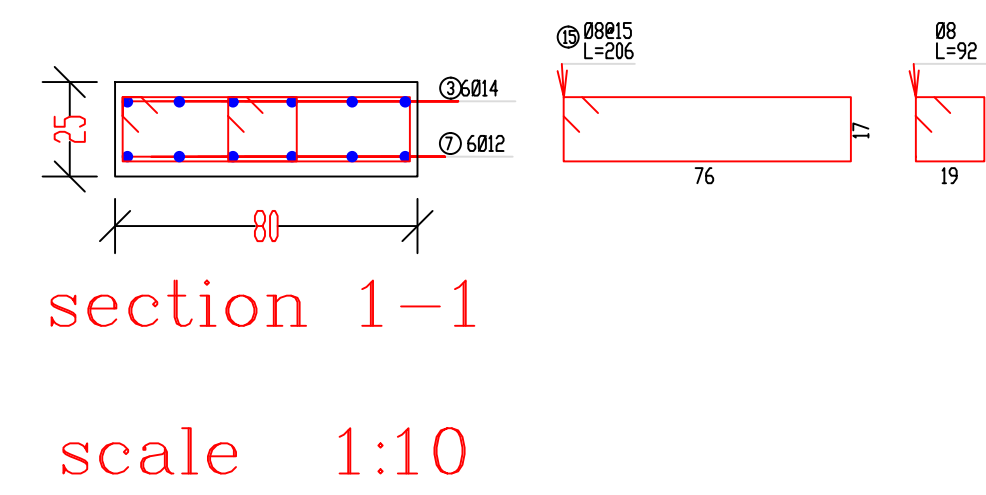
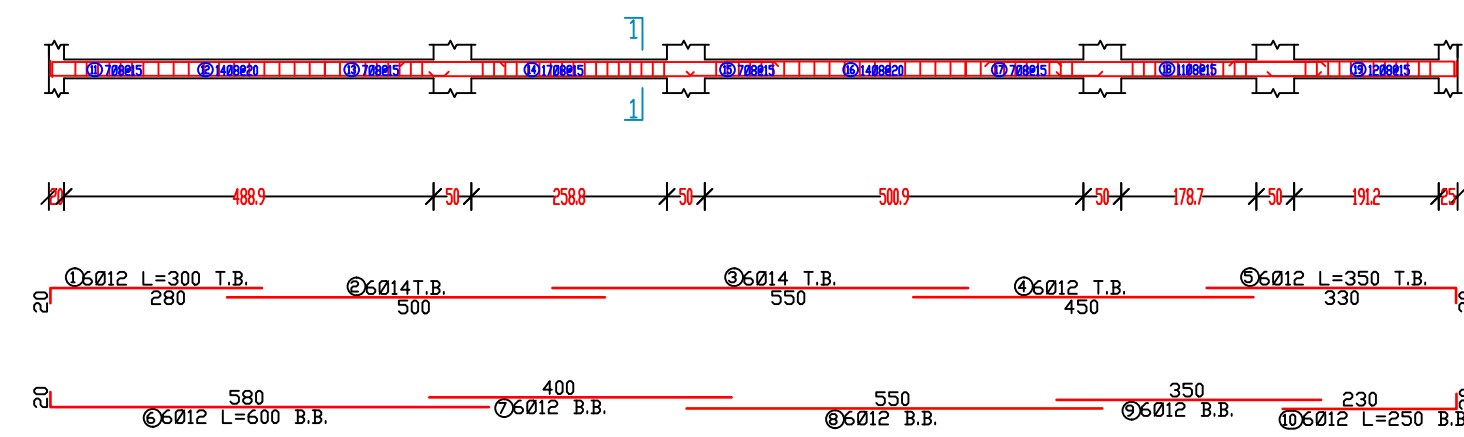
B05(80/25)CM
scale 1:100



B06(80/25)CM
scale 1:100



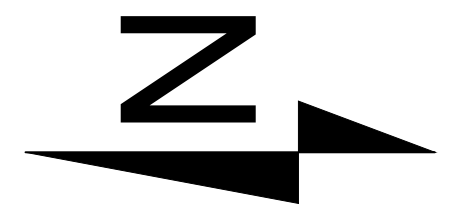
B07(80/25)CM
scale 1:100



Palestine Polytechnic University
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Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Design Beams

Supervisor

Dr. Nafez Nasreideen

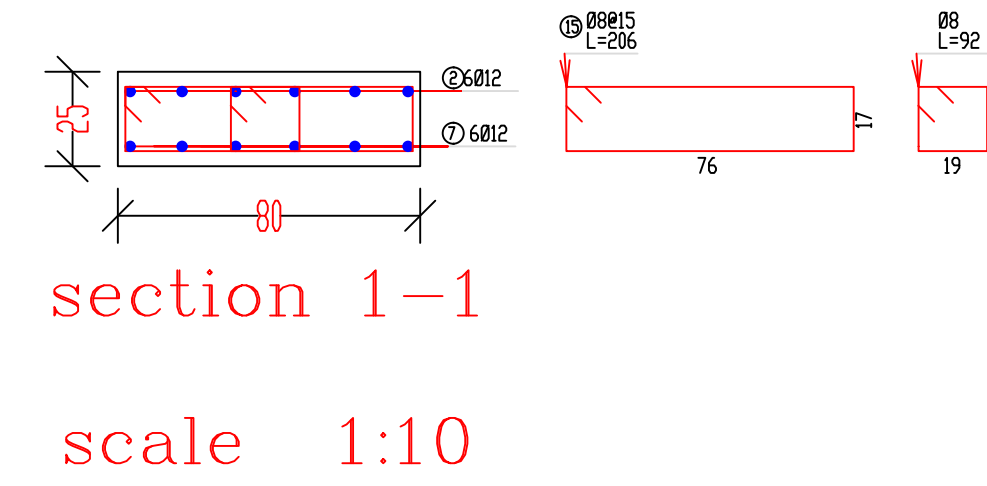
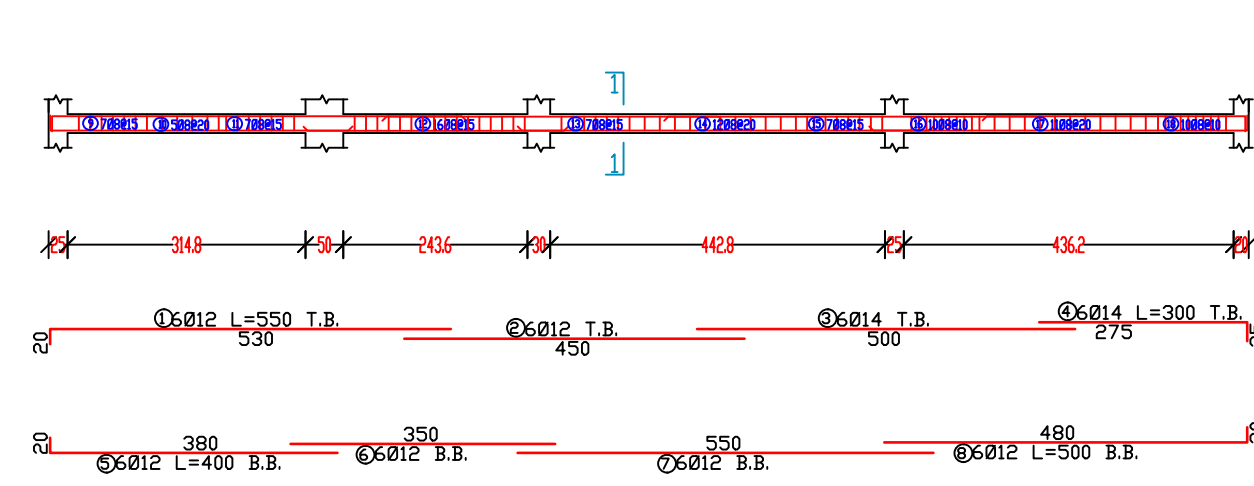
Done by :

Bayan Srour
Rasha Shakarnah

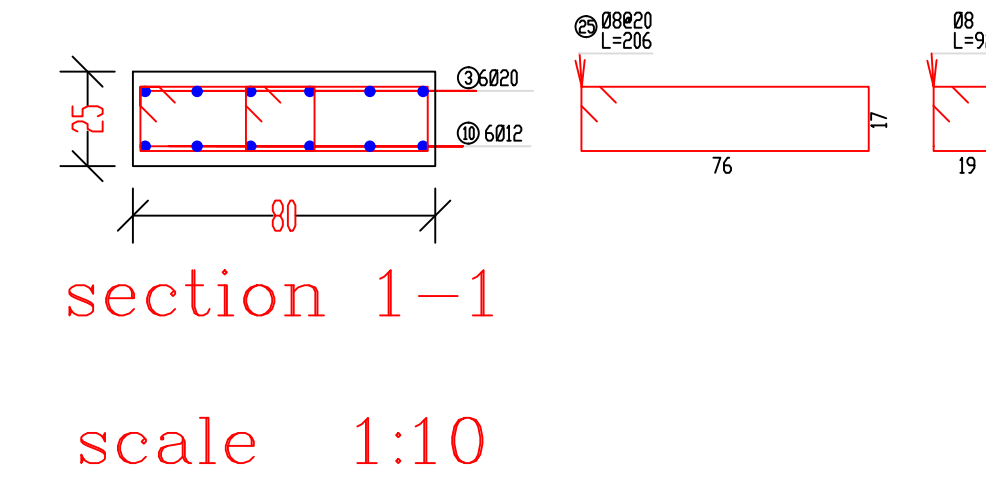
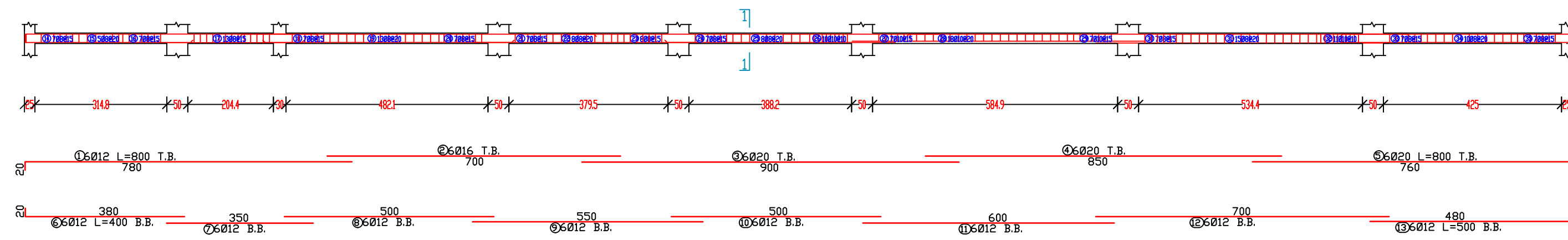
SCALE	No. of DRAW	DATE
1/100	S10	4/6

Design Beams
Scale 1\100

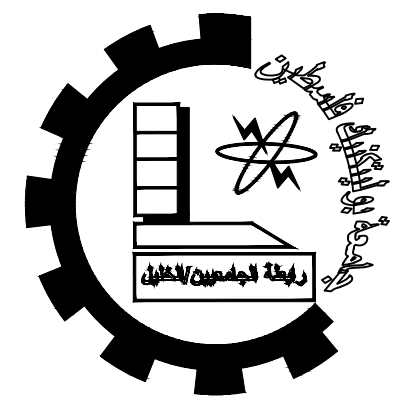
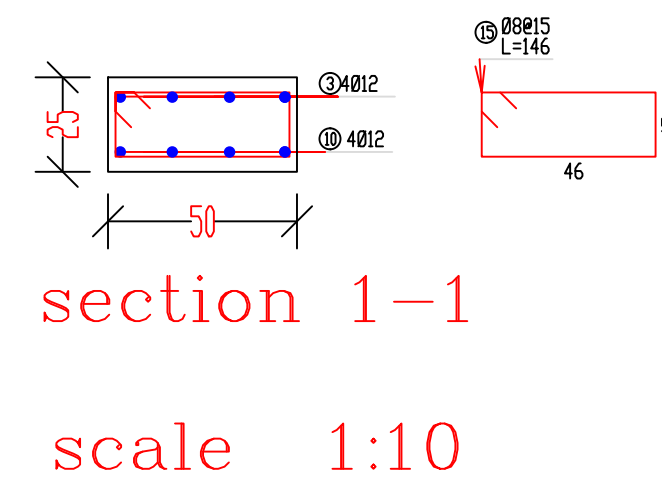
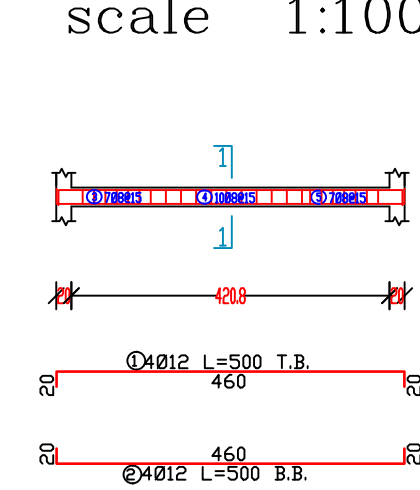
B08(80/25)CM
scale 1:100



B09(80/25)CM
scale 1:100



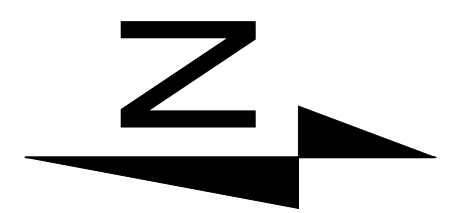
B22(50/25)CM
scale 1:100



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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Design Beams

Supervisor

Dr. Nafez Nasreideen

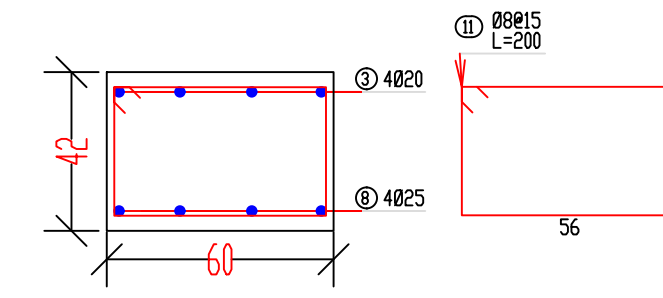
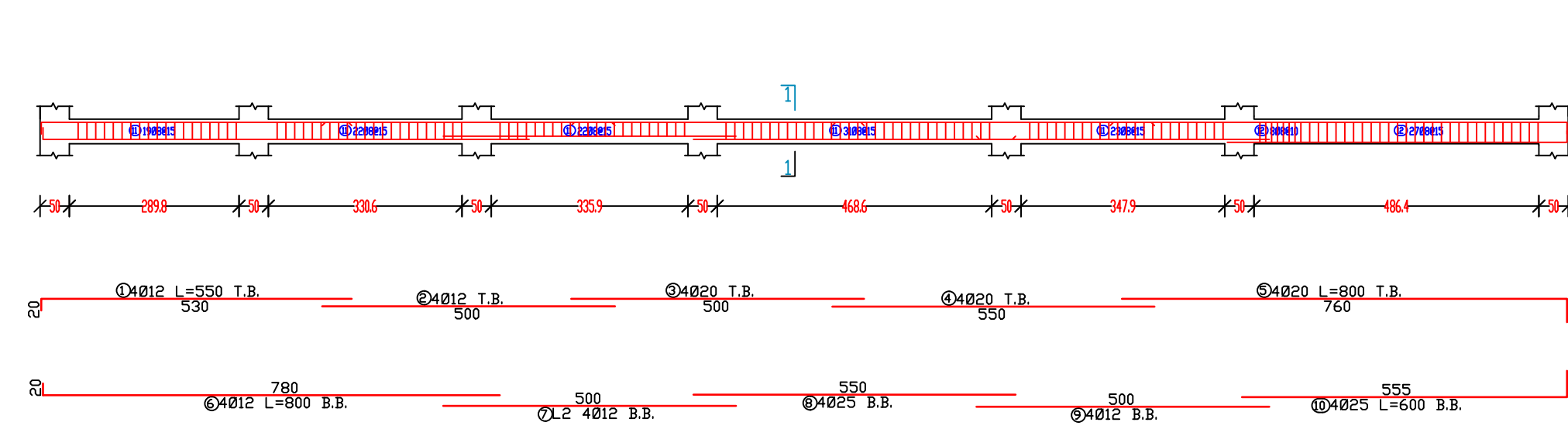
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S11	4/6

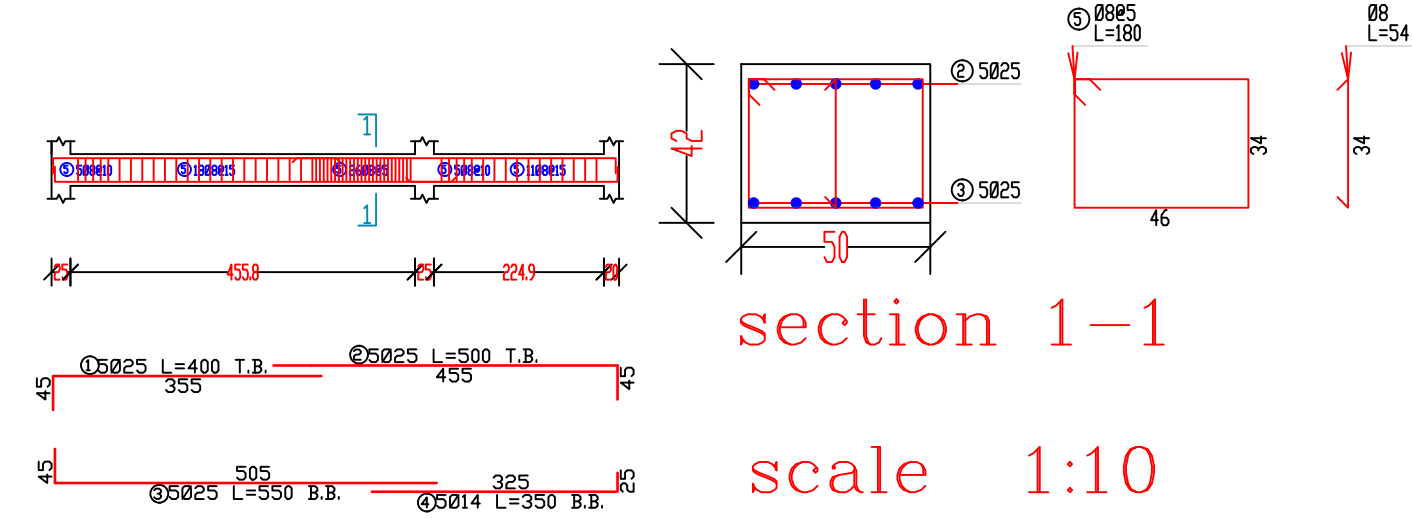
Design Beams
Scale 1\100

B23(60/42)CM
scale 1:100



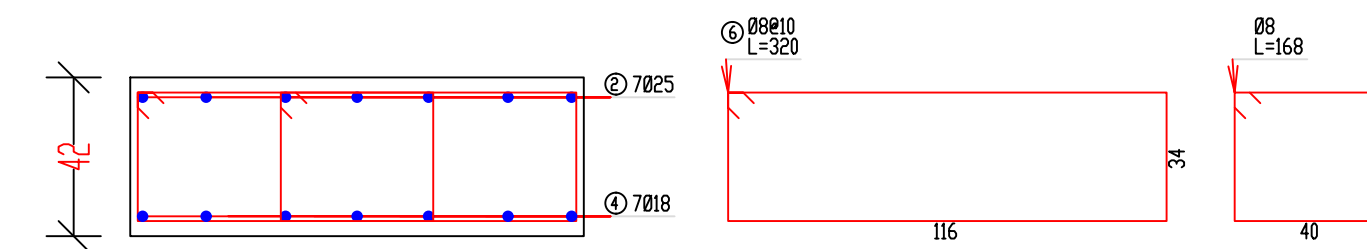
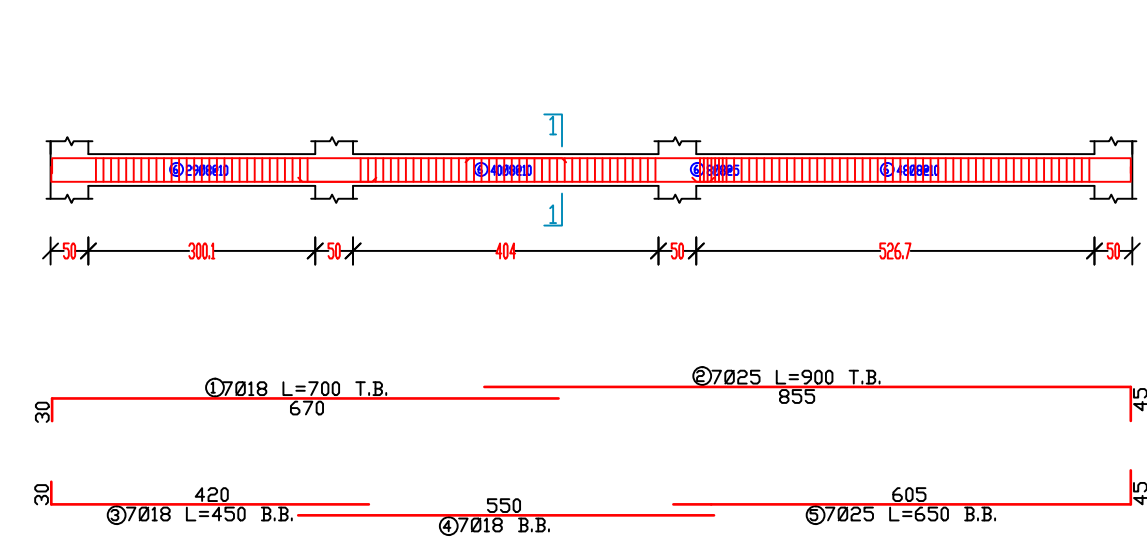
section 1-1
scale 1:10

B24(50/42)CM
scale 1:100



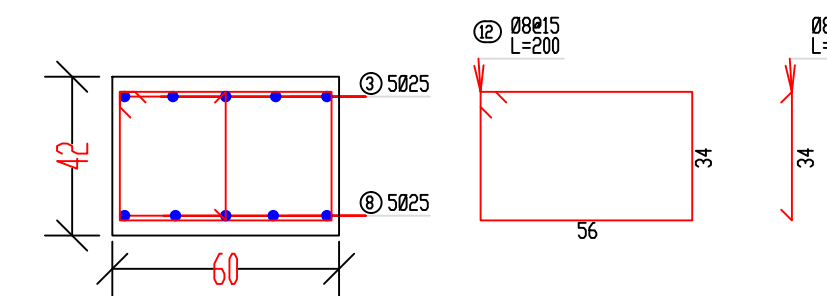
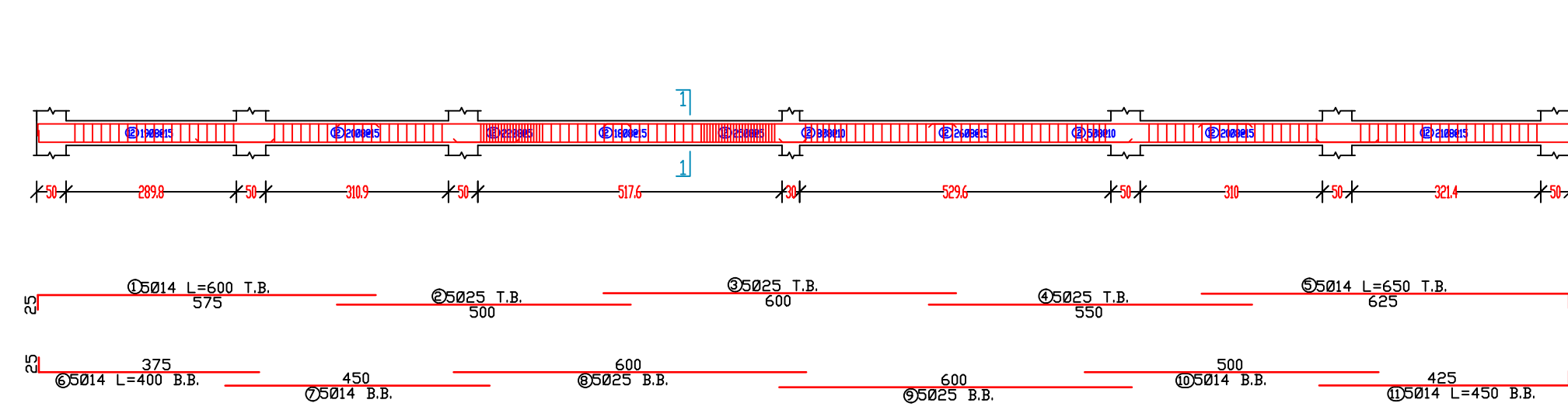
section 1-1
scale 1:10

B25(120/42)CM
scale 1:100

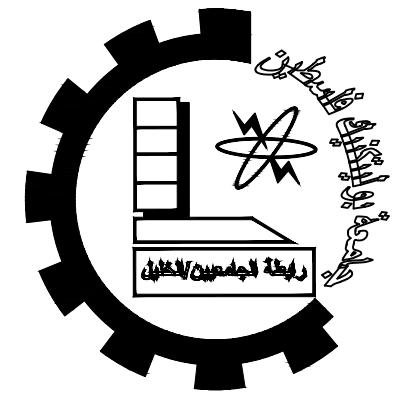


section 1-1
scale 1:10

B26(60/42)CM
scale 1:100



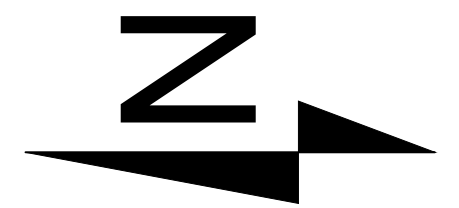
section 1-1
scale 1:10



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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Design Beams

Supervisor

Dr. Nafez Nasreideen

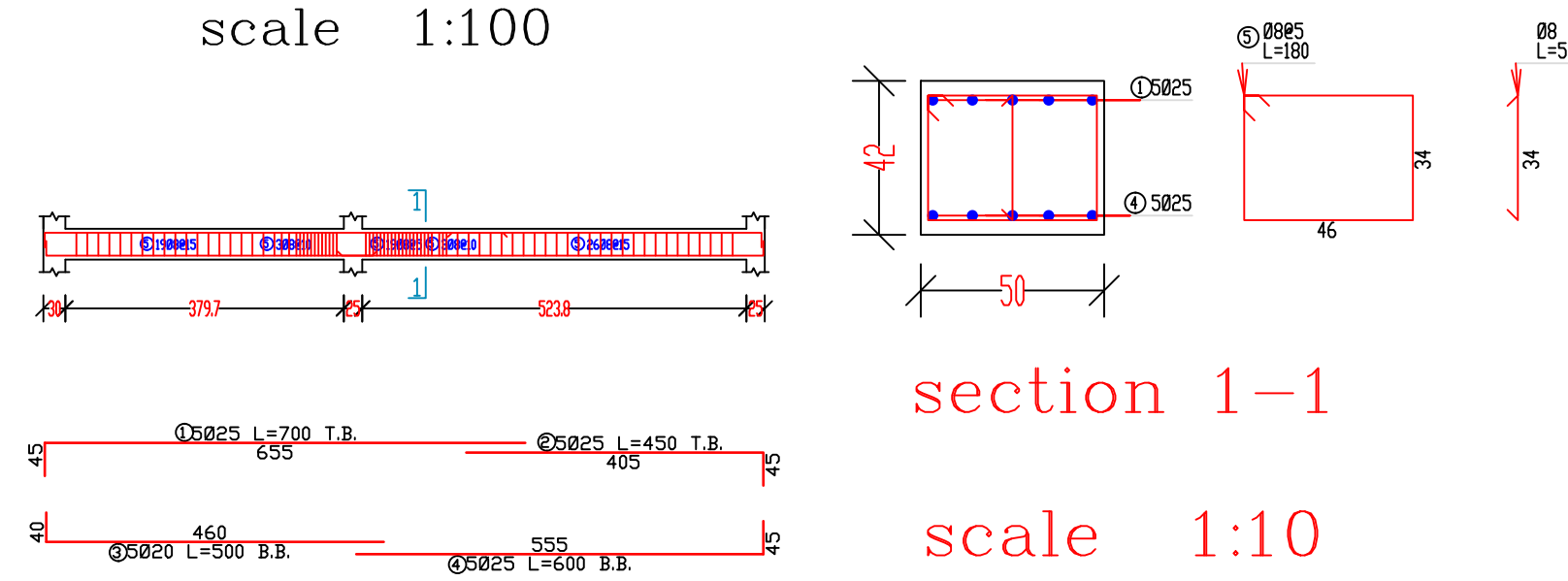
Done by :

Bayan Srour
Rasha Shakarnah

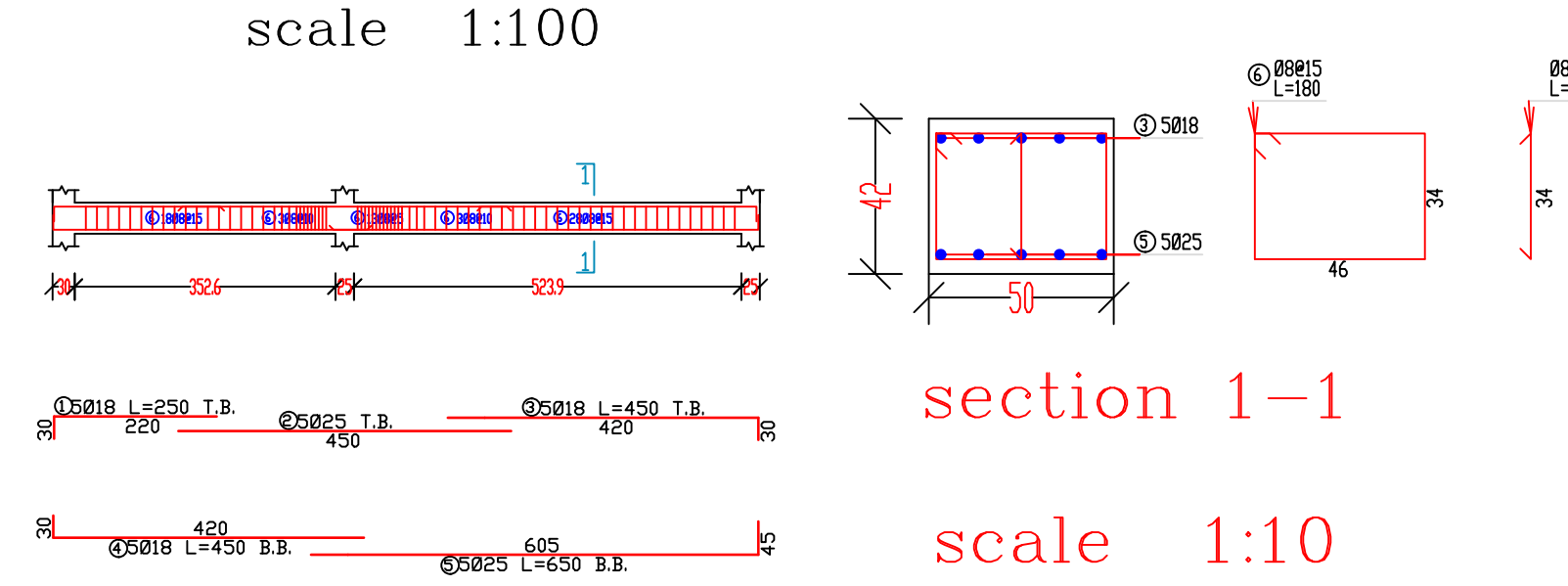
SCALE	No. of DRAW	DATE
1/100	S12	4/6

Design Beams
Scale 1\100

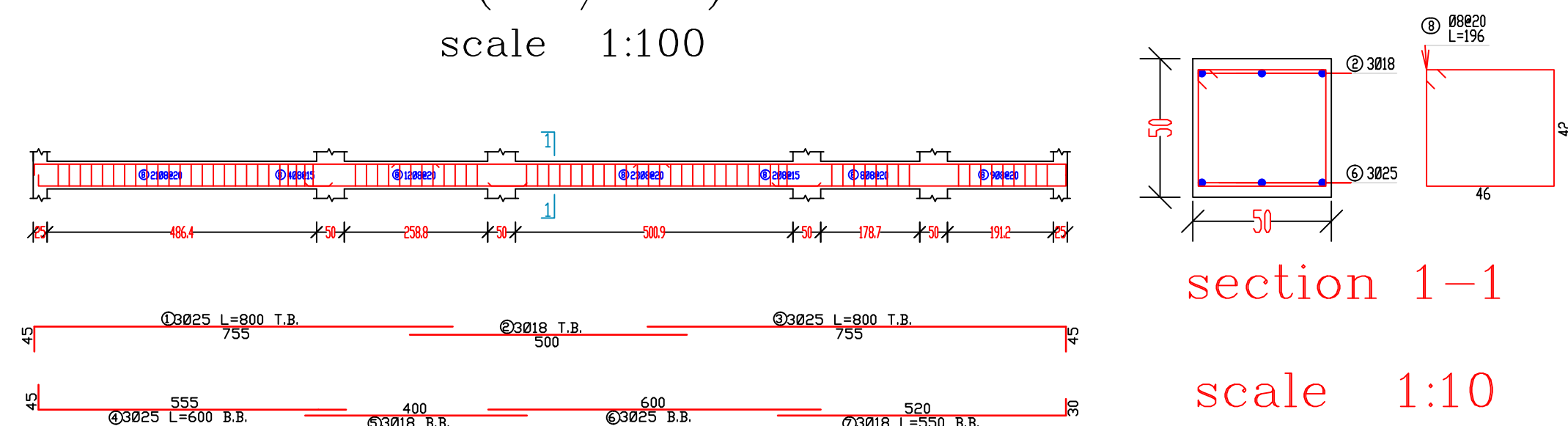
B27(50/42)CM
scale 1:100



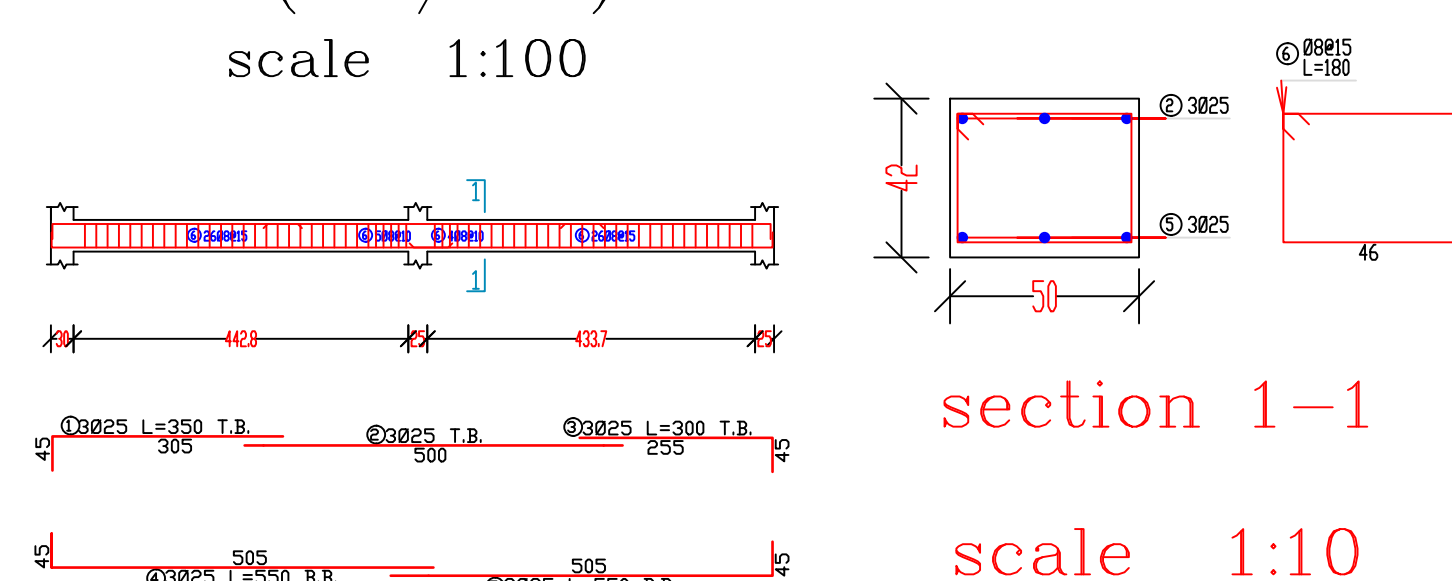
B28(50/42)CM
scale 1:100



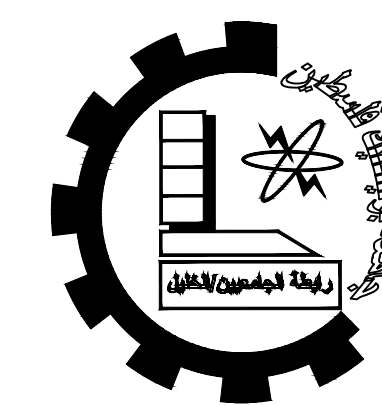
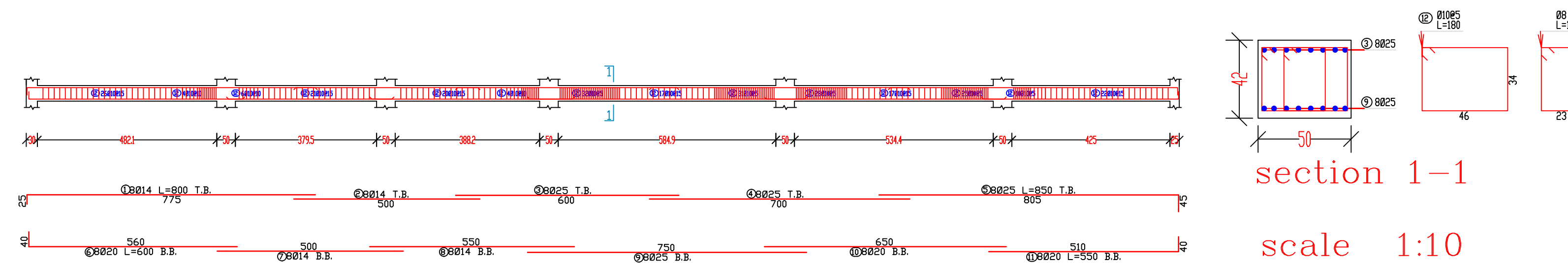
B29(50/50)CM
scale 1:100



B30(50/42)CM
scale 1:100



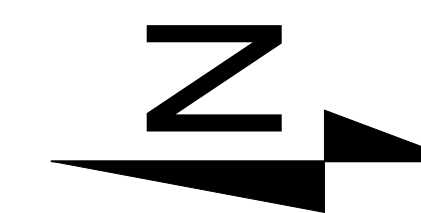
B31(50/42)CM
scale 1:100



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Civil Engineering Department
Civil Engineering

Graduation Project

Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Design Beams

Supervisor

Dr. Nafez Nasreideen

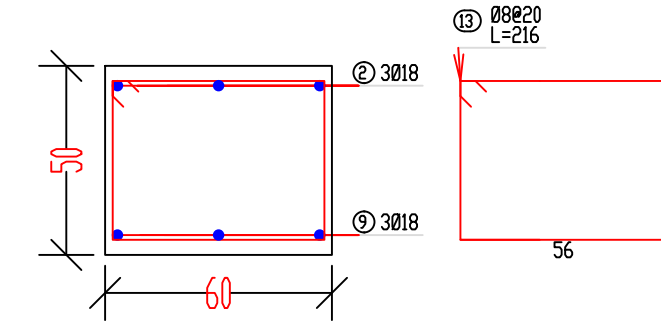
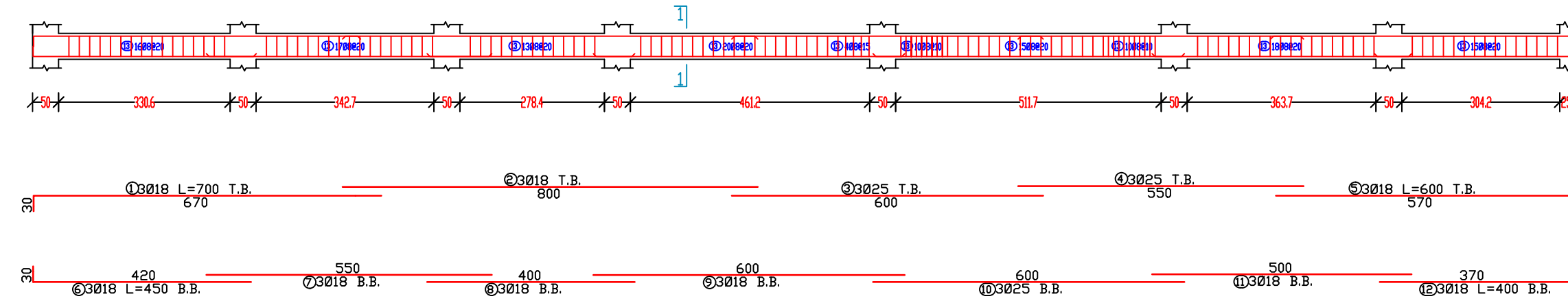
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S13	4/6

Design Beams
Scale 1\100

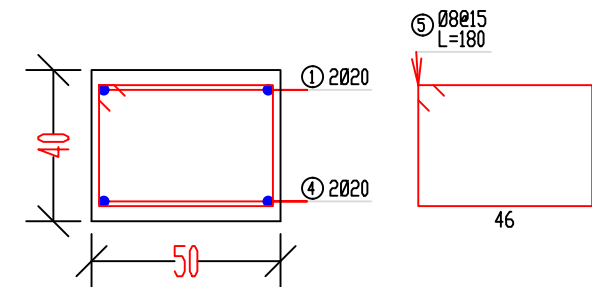
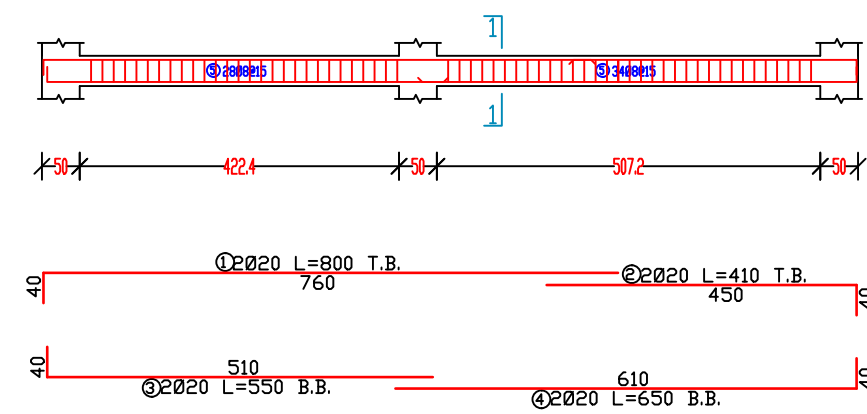
B32(60/50)CM
scale 1:100



section 1-1

scale 1:10

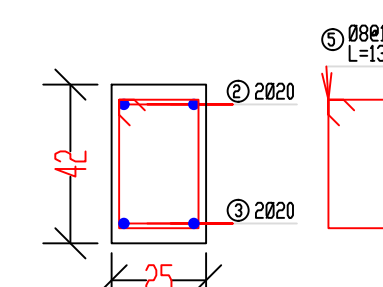
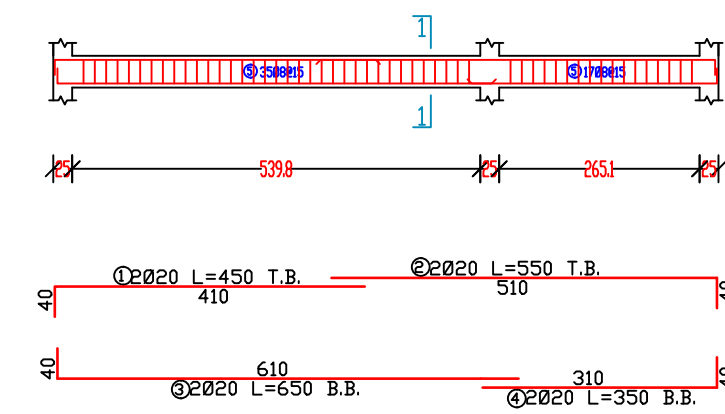
B33(50/40)CM
scale 1:100



section 1-1

scale 1:10

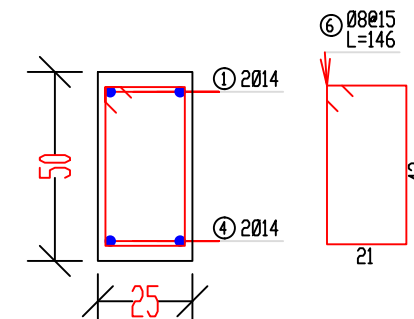
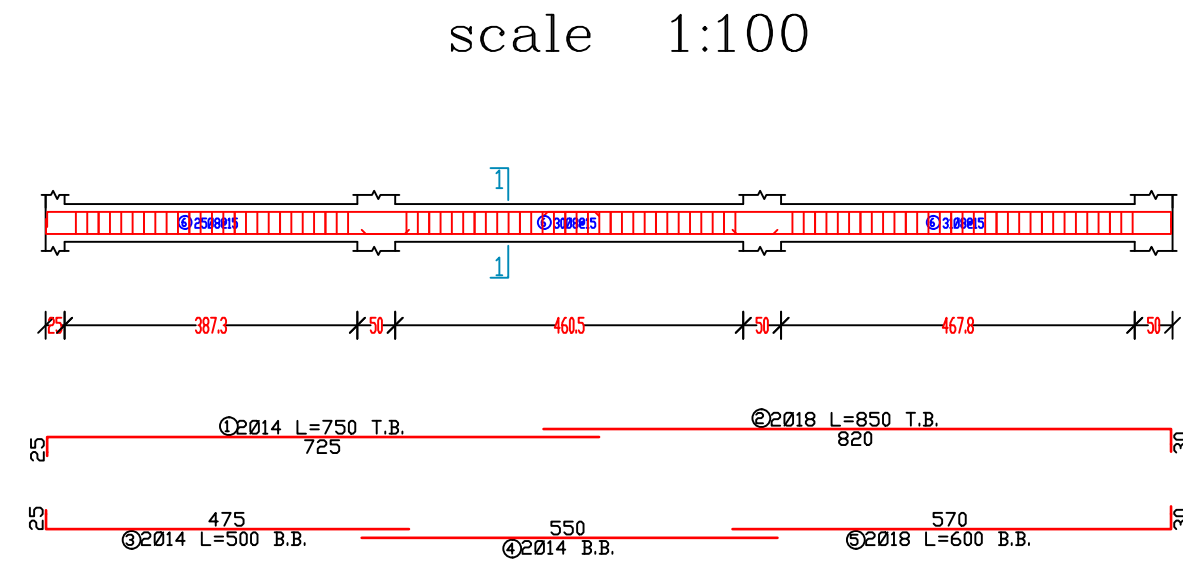
B34(25/42)CM
scale 1:100



section 1-1

scale 1:10

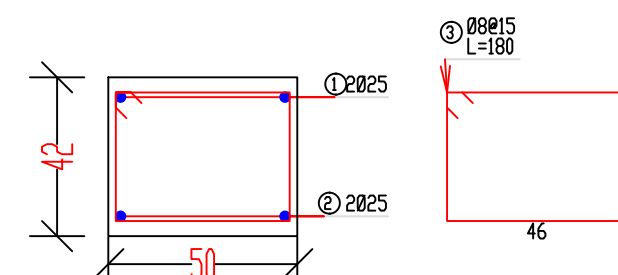
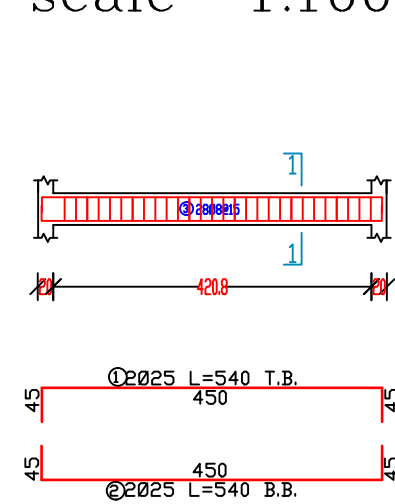
B35(25/50)CM
scale 1:100



section 1-1

scale 1:10

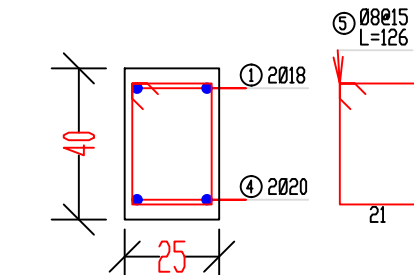
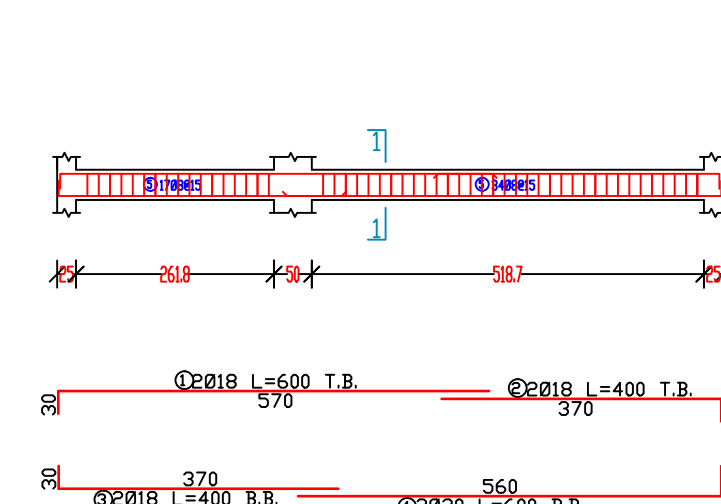
B36(50/42)CM
scale 1:100



section 1-1

scale 1:10

B37(25/40)CM
scale 1:100



section 1-1

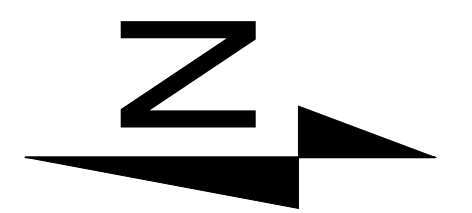
scale 1:10



Palestine Polytechnic University
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Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Design Beams

Supervisor

Dr. Nafez Nasreideen

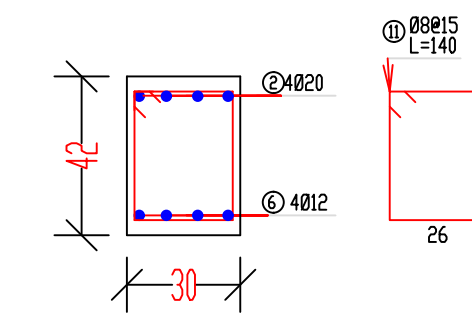
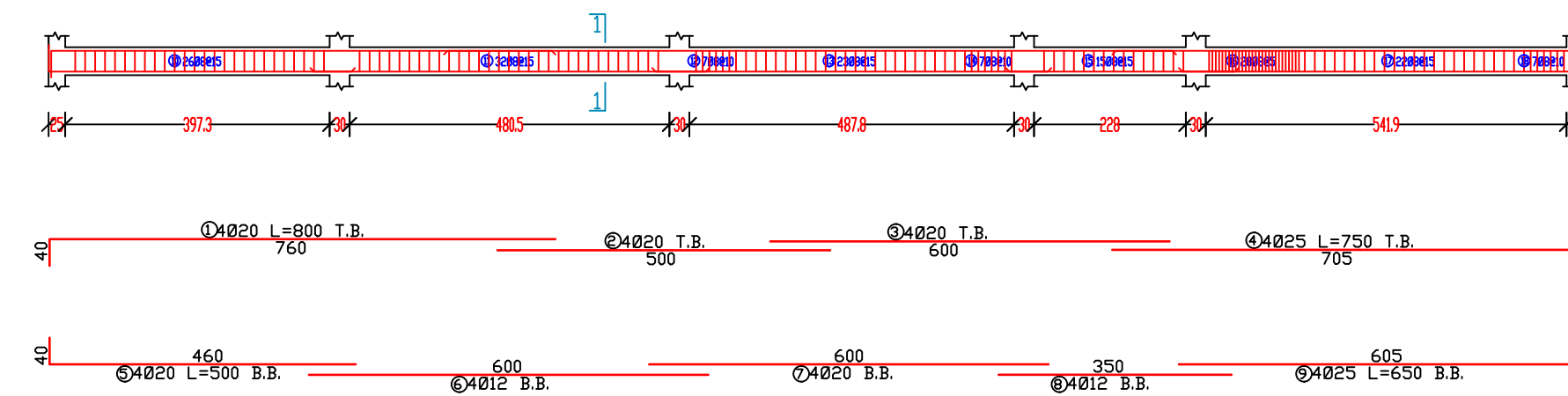
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S14	4/6

Design Beams
Scale 1\100

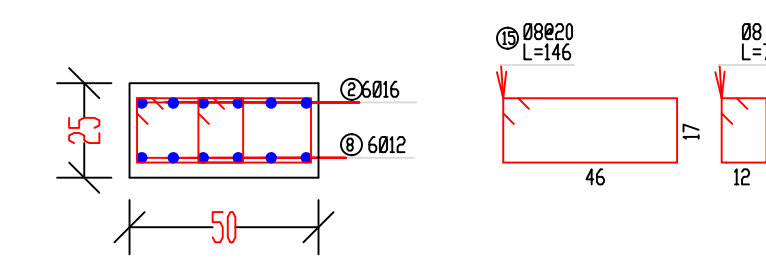
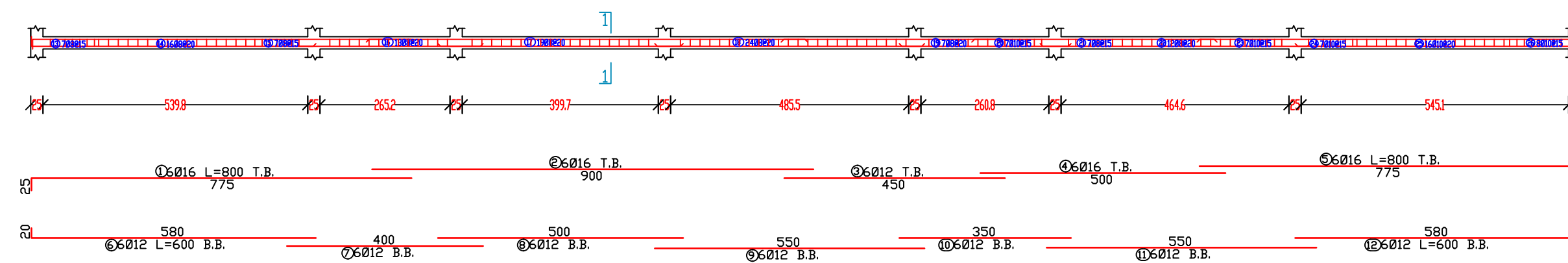
B38(30/42)CM
scale 1:100



section 1-1

scale 1:10

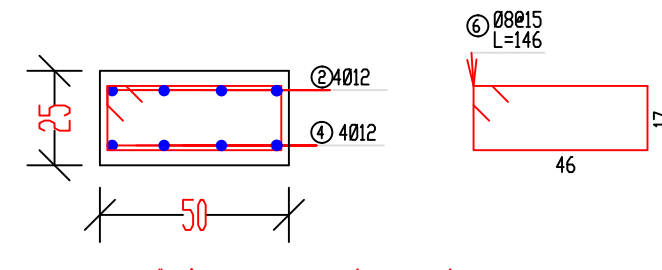
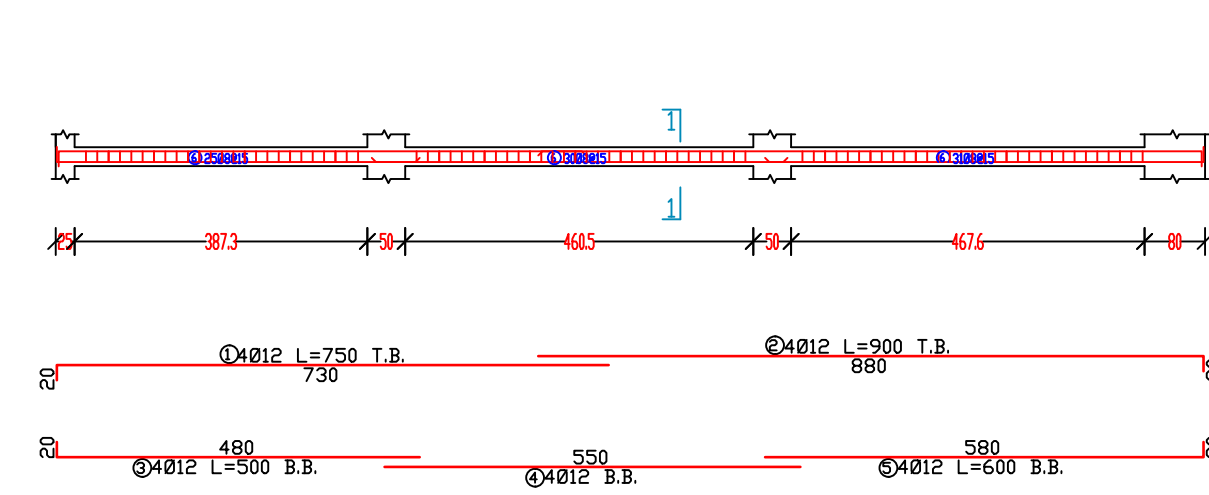
B40(50/25)CM
scale 1:100



section 1-1

scale 1:10

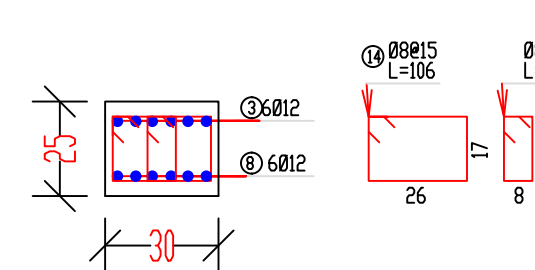
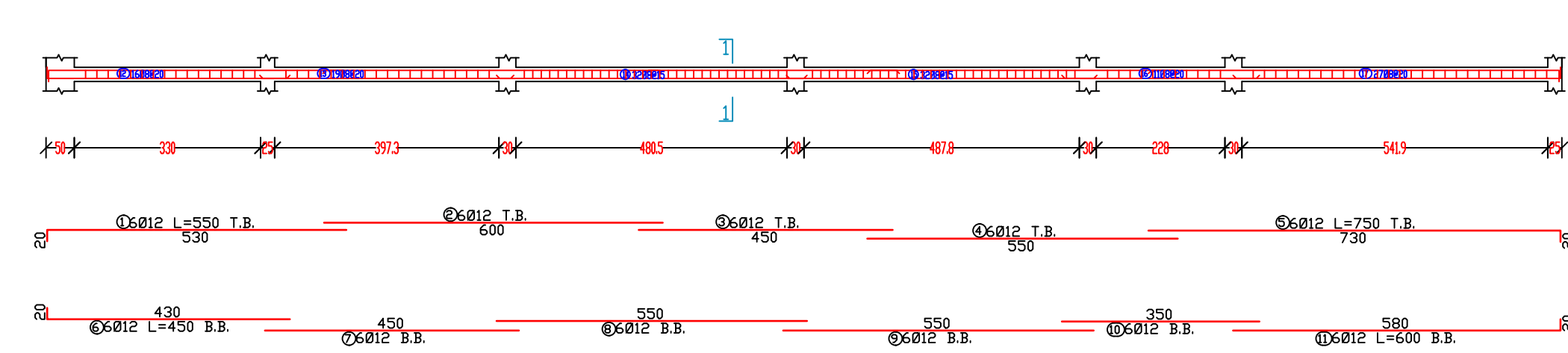
B41(50/25)CM
scale 1:100



section 1-1

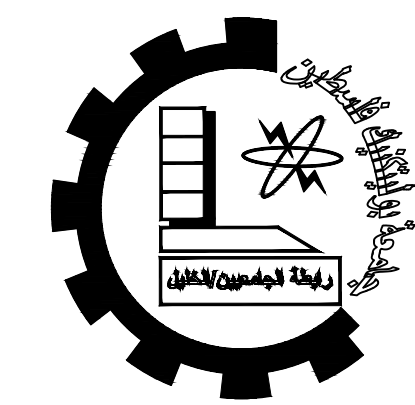
scale 1:10

B42(30/25)CM
scale 1:100



section 1-1

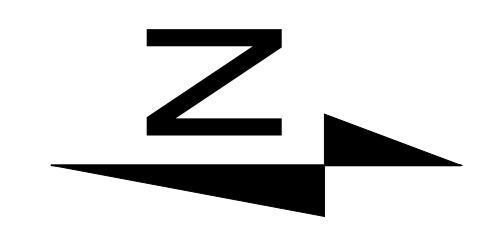
scale 1:10



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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Design Beams

Supervisor

Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S15	4/6

Design Beams
Scale 1\100

Floor

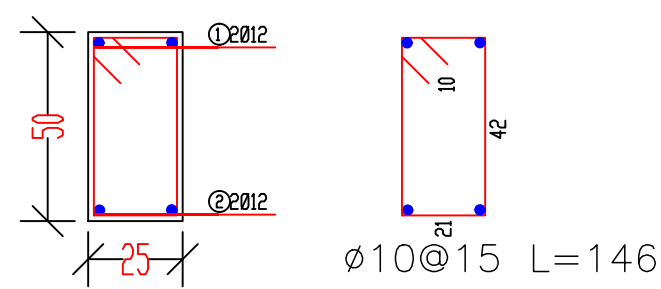
Beam's Design Sections

Basement

1,10,11,12

13,14

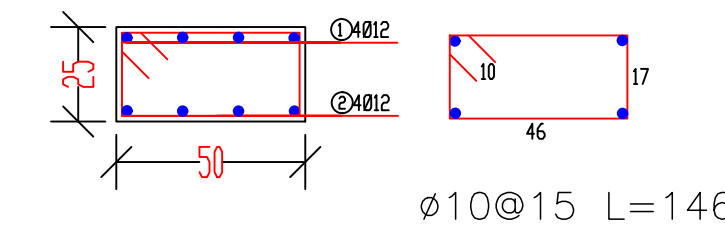
16,17,18,19,20,21



$\phi 10@15$ L=146

Section in beam(25/50)

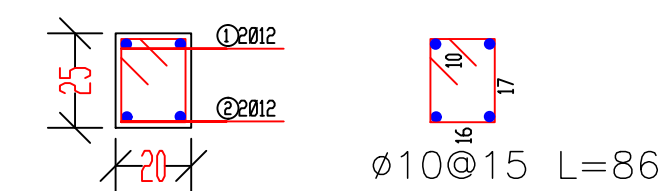
scale 1:10



$\phi 10@15$ L=146

Section in beam(50/25)

scale 1:10



$\phi 10@15$ L=86

Section in beam(20/25)

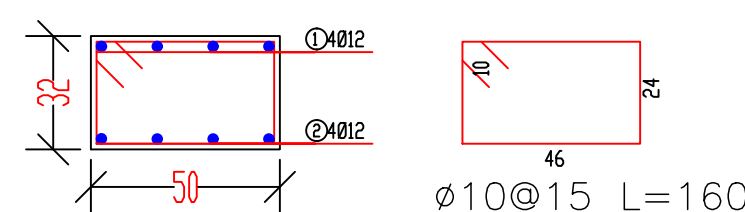
scale 1:10

Ground Floor

43,44,45

39

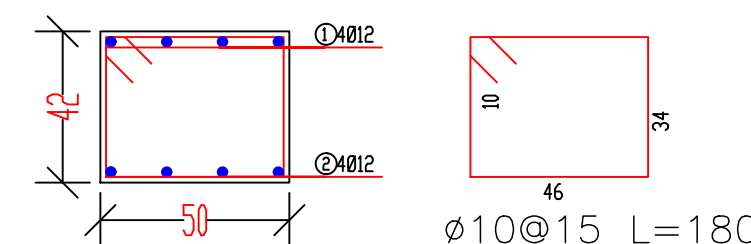
46,47,48,49,50,51



$\phi 10@15$ L=160

Section in beam(50/32)

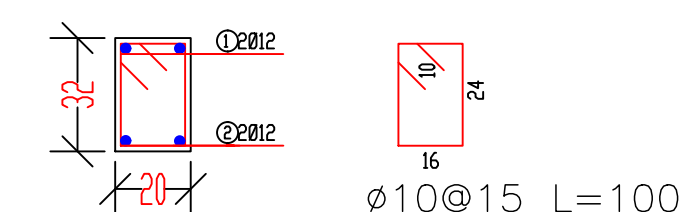
scale 1:10



$\phi 10@15$ L=180

Section in beam(50/42)

scale 1:10



$\phi 10@15$ L=100

Section in beam(20/32)

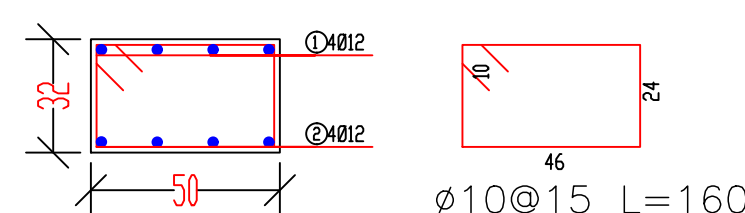
scale 1:10

1st Floor

43,44,45

39

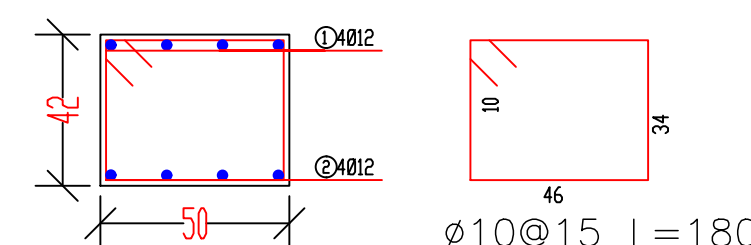
46,47,48,49,50,51



$\phi 10@15$ L=160

Section in beam(50/32)

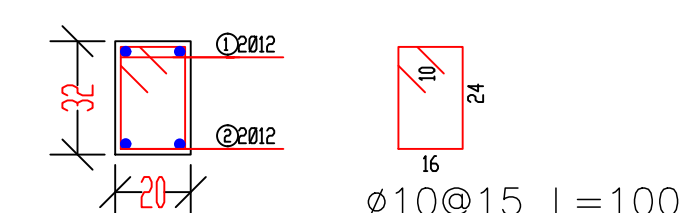
scale 1:10



$\phi 10@15$ L=180

Section in beam(50/42)

scale 1:10



$\phi 10@15$ L=100

Section in beam(20/32)

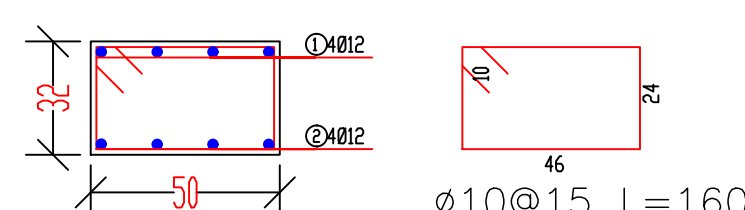
scale 1:10

2nd Floor

43,44,45

39

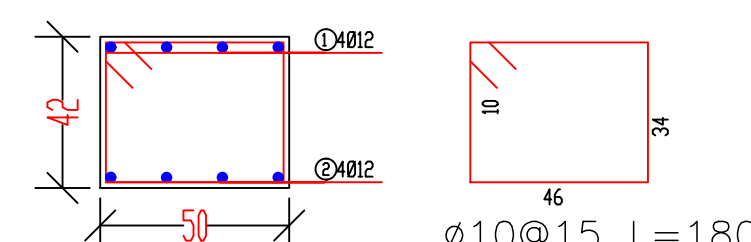
46,47,48,49,50,51



$\phi 10@15$ L=160

Section in beam(50/32)

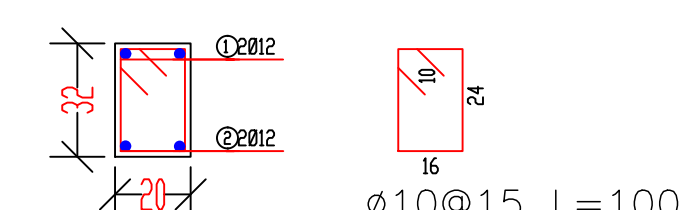
scale 1:10



$\phi 10@15$ L=180

Section in beam(50/42)

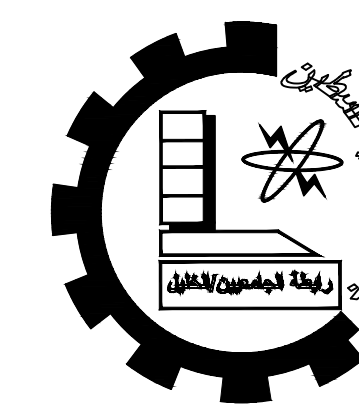
scale 1:10



$\phi 10@15$ L=100

Section in beam(20/32)

scale 1:10



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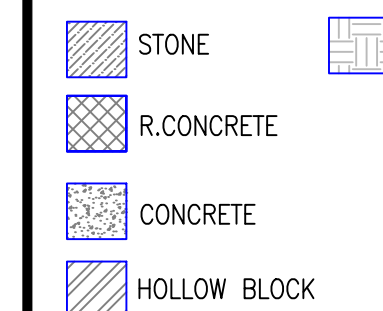
Eye Specialized Hospital



Notes:-

all levels in M
all dimension in cm

LEGEND



DRAWING TITLE :

Design Beams

Supervisor

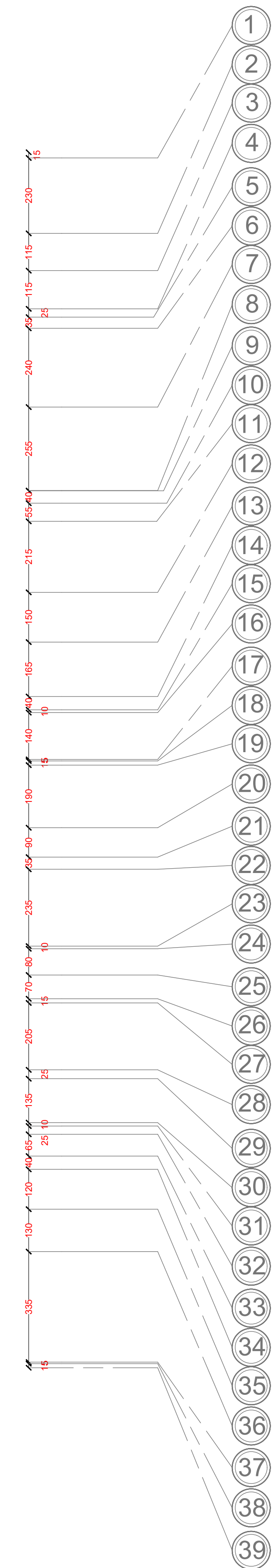
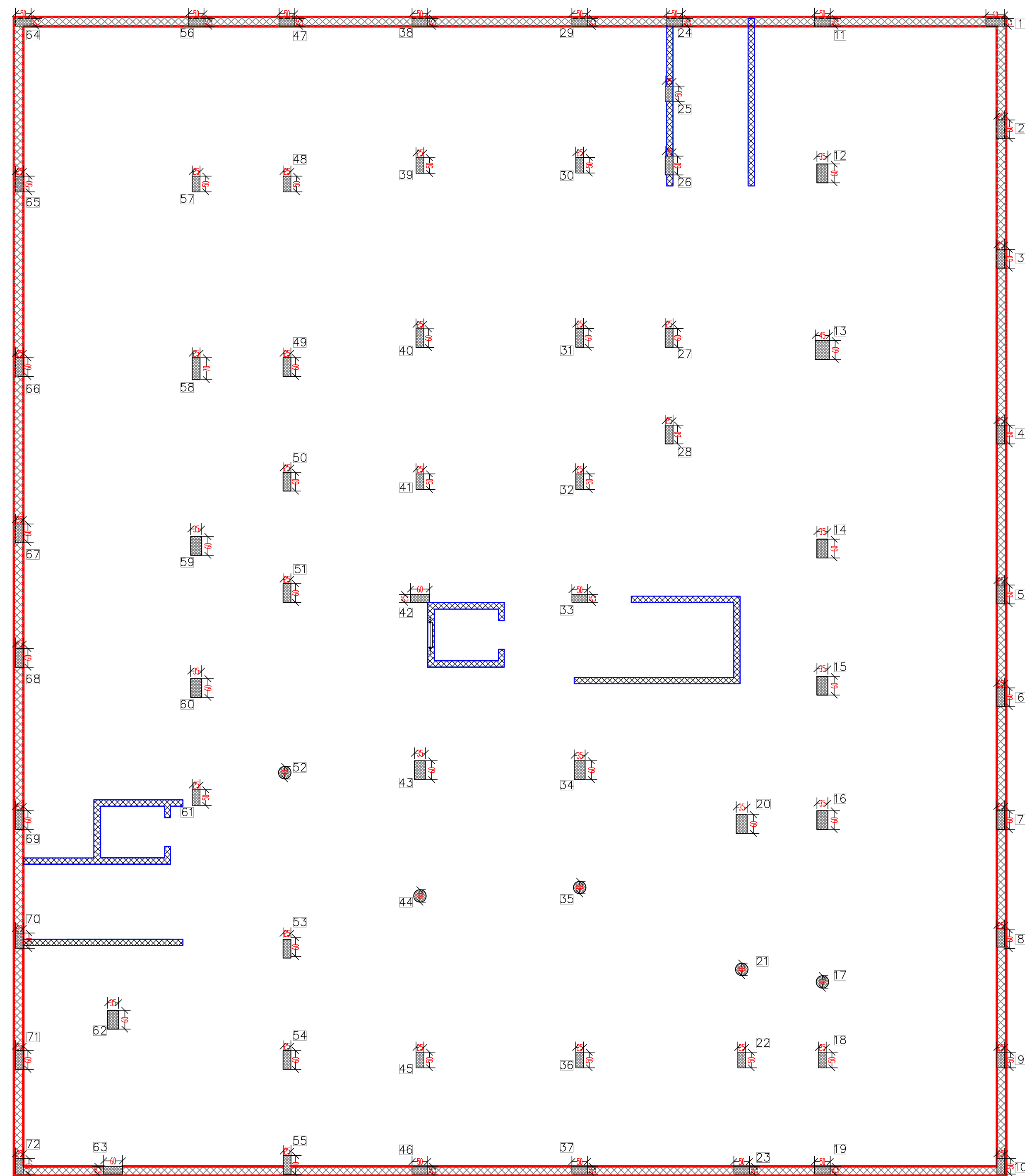
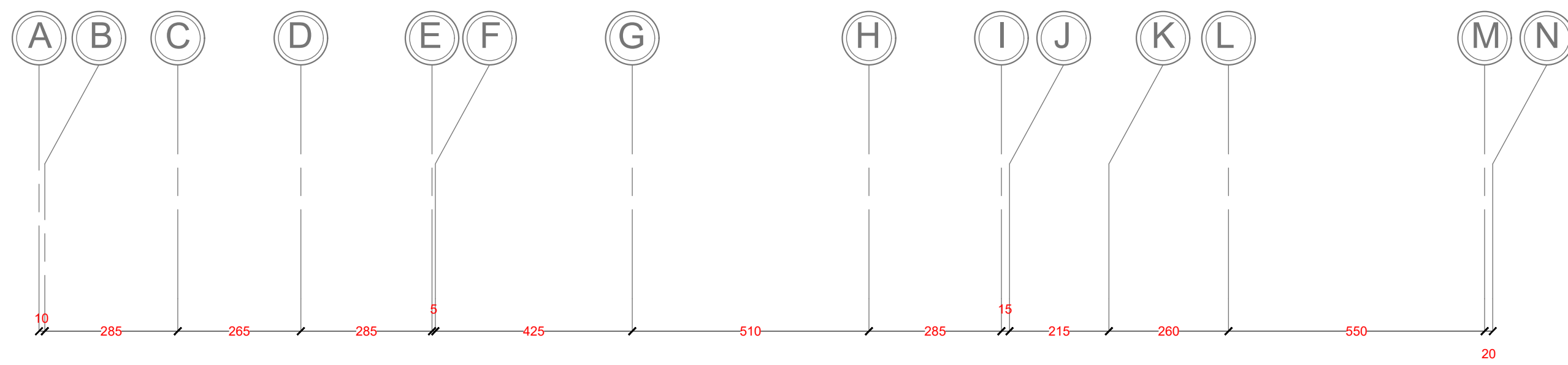
Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S16	4/6

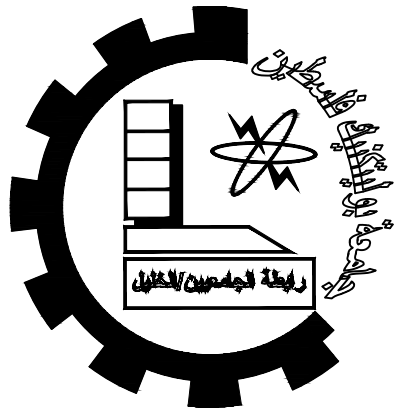
Design Beams
Scale 1\100



COLUMNS LAYOUT PLAN

SCALE 1:100

Columns distribution
Scale 1\100



Palestine Polytechnic University

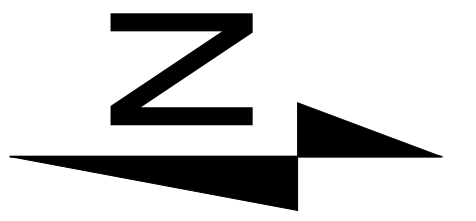
College of Engineering

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Eye Specialized Hospital



Notes:-

all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Columns distribution

Supervisor

Dr. Nafez Nasreideen

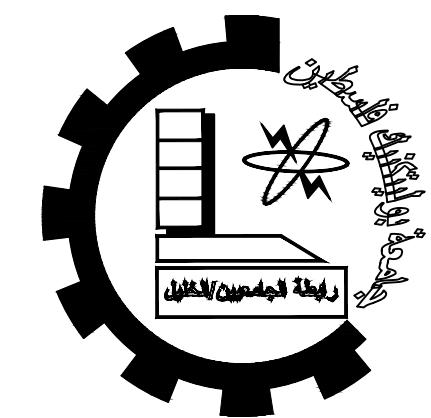
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S17	4/6

Column's Design Sections

Floor	Column's Design Sections					
	C(50*25)	C(40)	C(60*25)	C(60*35)	C(60*45)	C(70*25)
	9,10,11,18,19,22,23,24,25,29,30,32,33,36,37,38,39,41,45,46,47,48,56,57,61,64,65,70,72	17,21,35,44,52	1,2,3,4,5,6,7,8,26,27,28,31,40,42,49,50,51,53,54,55,63,66,67,68,69,71	12,14,15,16,20,34,43,59,60,62	13	58
Basement 1st						
Ground Floor						
1st Floor						
2nd Floor						



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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Design Columns

Supervisor

Dr. Nafez Nasreideen

Done by :

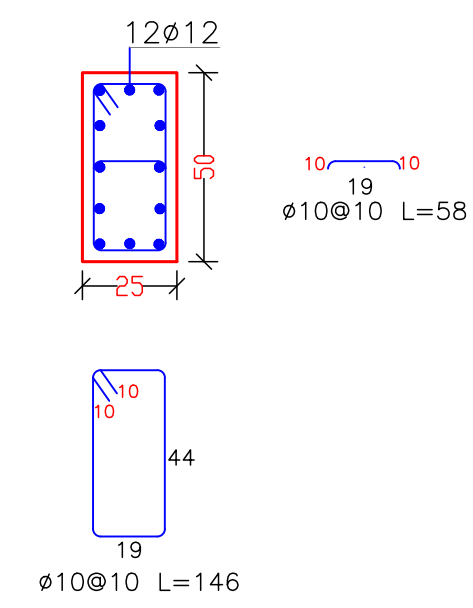
Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S18	4/6

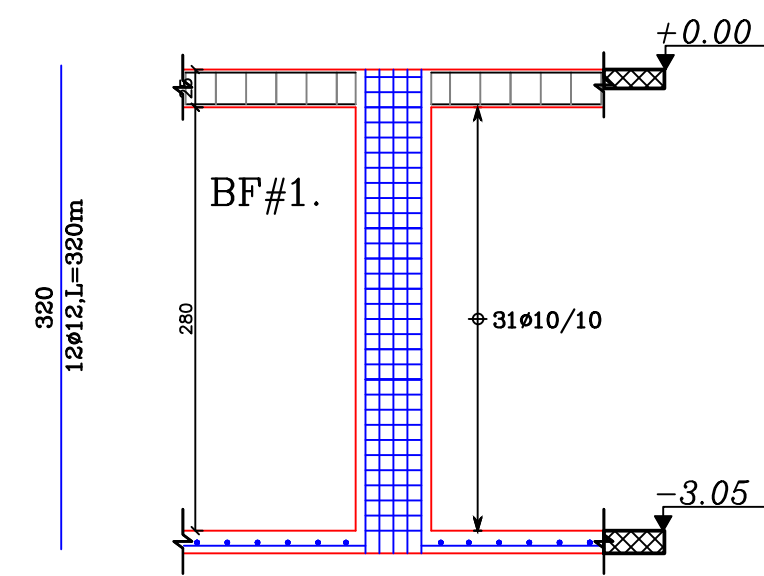
C(50*25)

C(60*25)

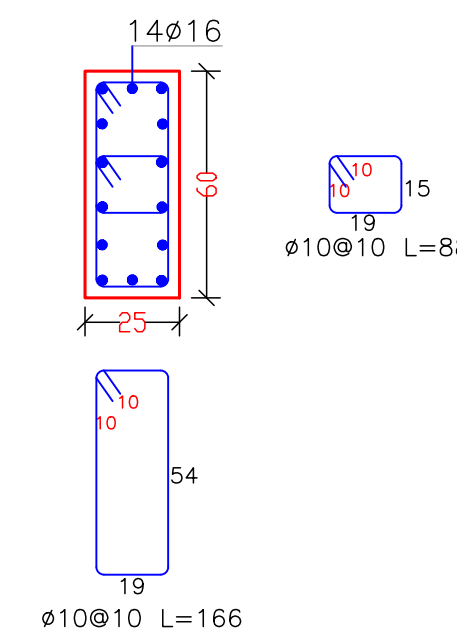
Section A-A



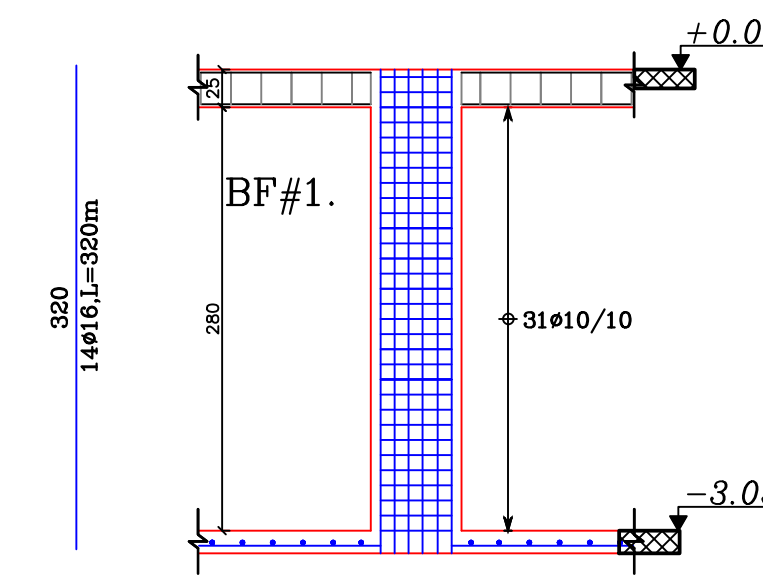
*Typical shear Reinforcement



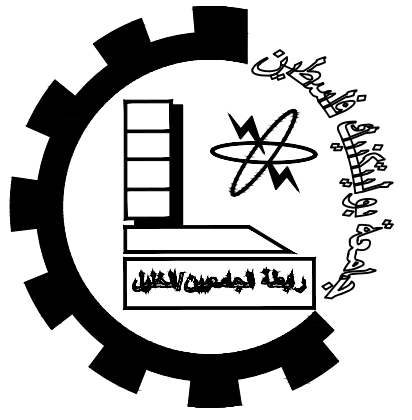
Section A-A



*Typical shear Reinforcement



Columns Detailing
Scale 1\100



Palestine Polytechnic University

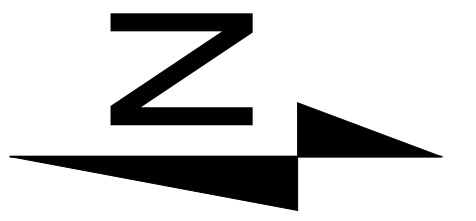
College of Engineering

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Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Columns Detailing

Supervisor

Dr. Nafez Nasreideen

Done by :

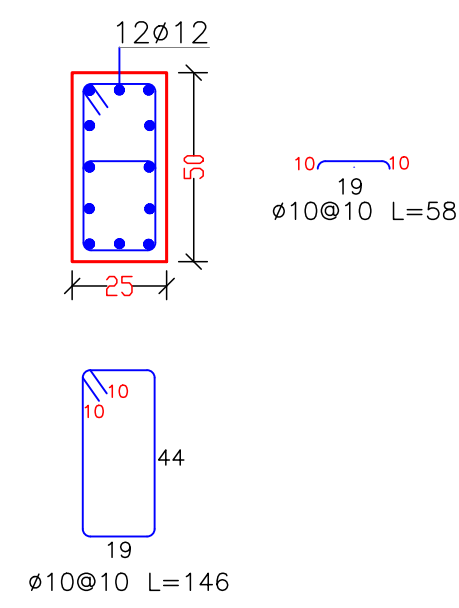
Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S19	4/6

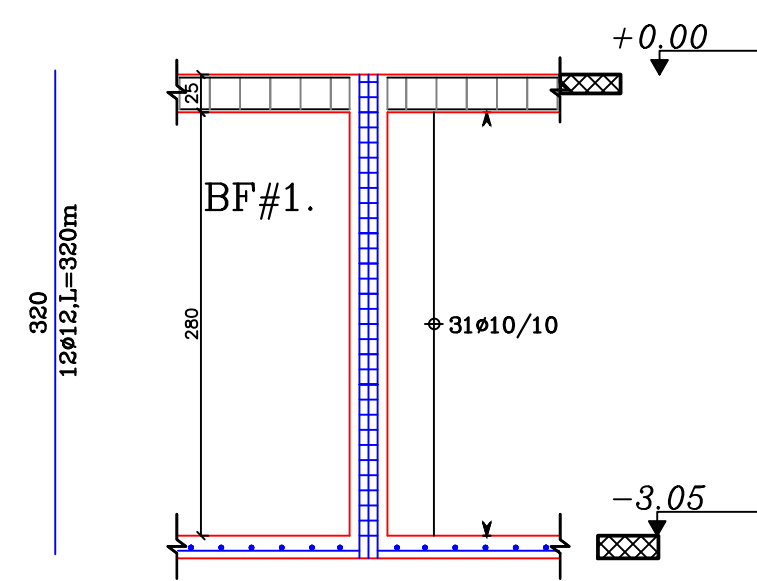
C(50*25)

C(50*25)

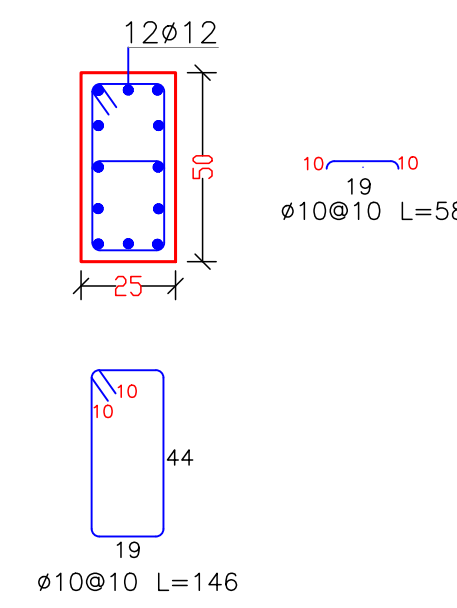
Section A-A



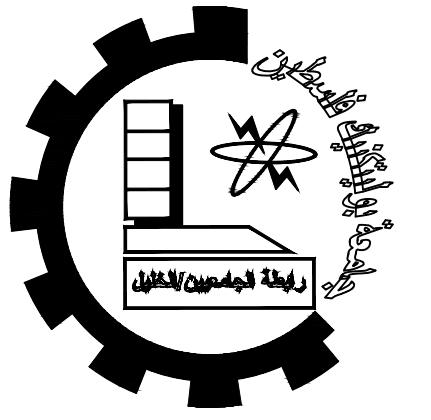
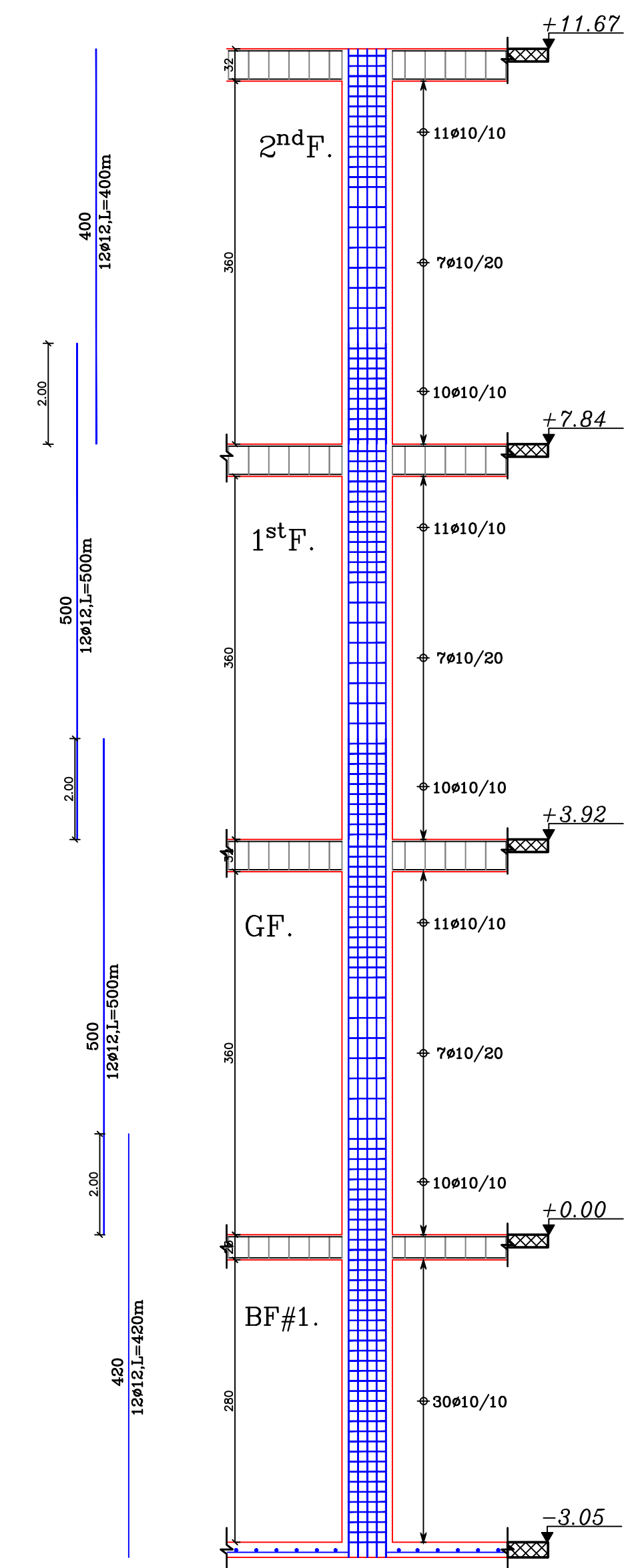
*Typical shear Reinforcement



Section A-A



*Typical shear Reinforcement



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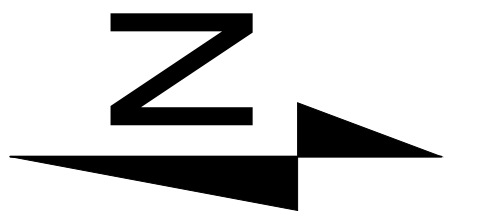
College of Engineering

Civil Engineering Department

Civil Engineering

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Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Columns Detailing

Supervisor

Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S20	4/6

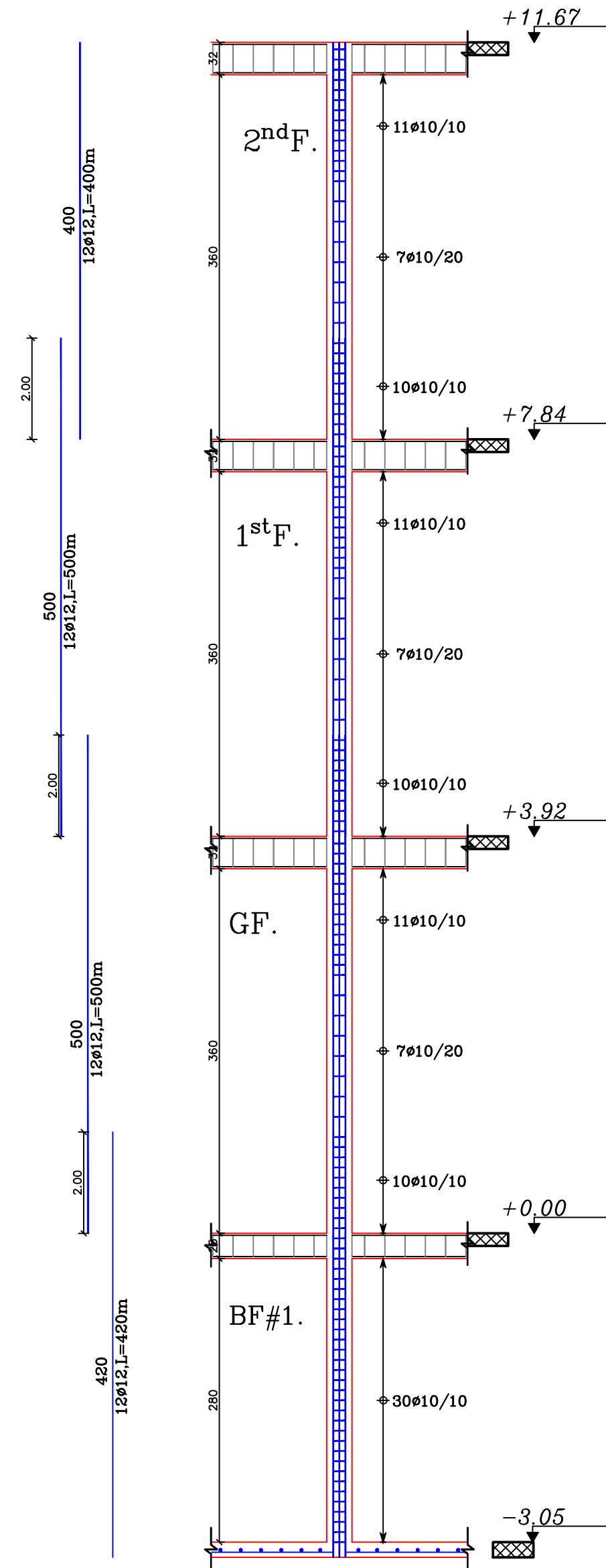
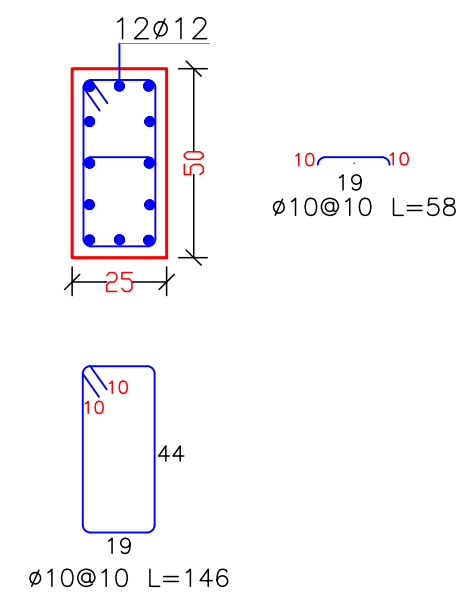
Columns Detailing

Scale 1\100

C(50*25)

*Typical shear
Reinforcement

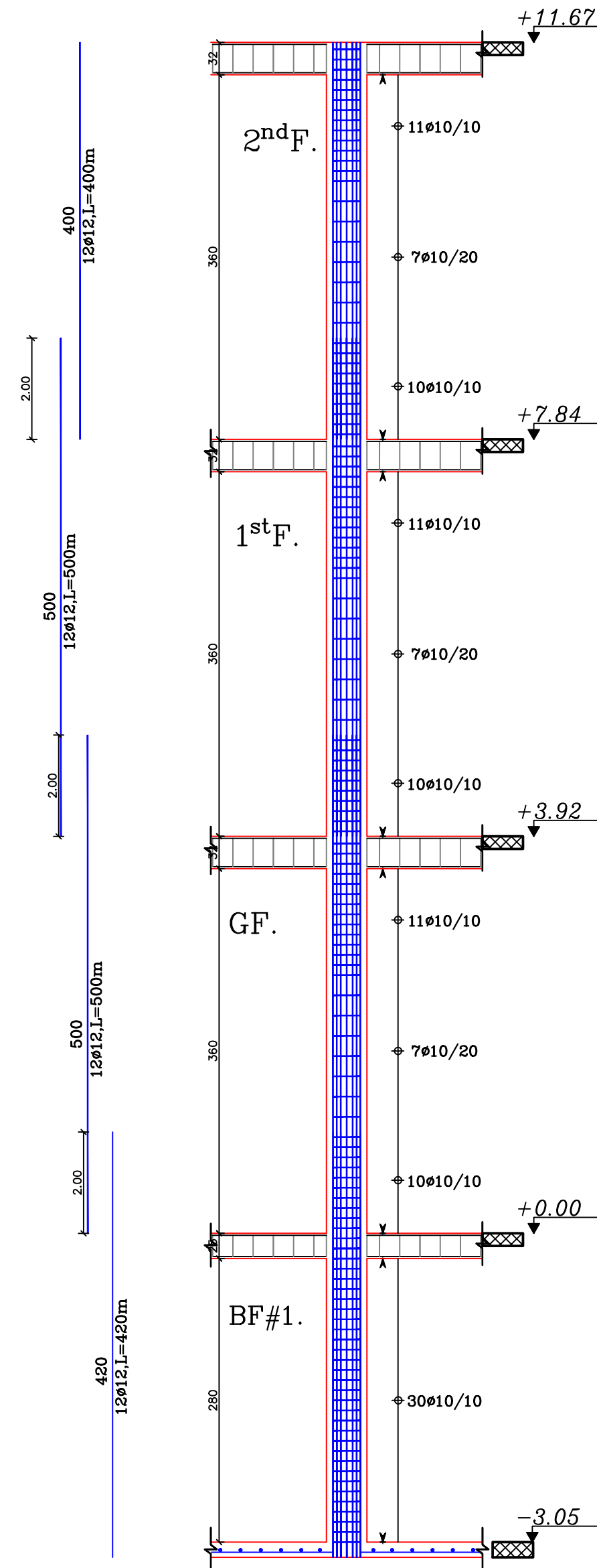
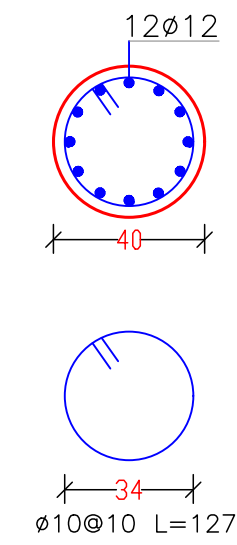
Section A-A



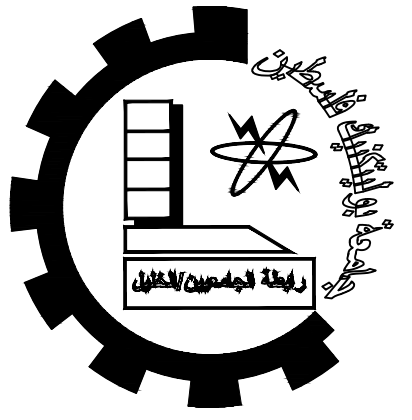
C(40)

*Typical shear
Reinforcement

Section A-A



Columns Detailing
Scale 1\100



Palestine Polytechnic University

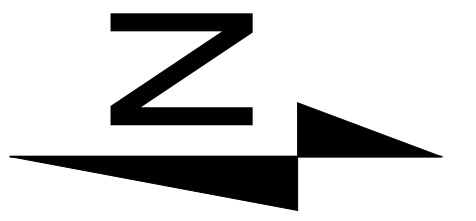
College of Engineering

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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Columns Detailing

Supervisor

Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S21	4/6

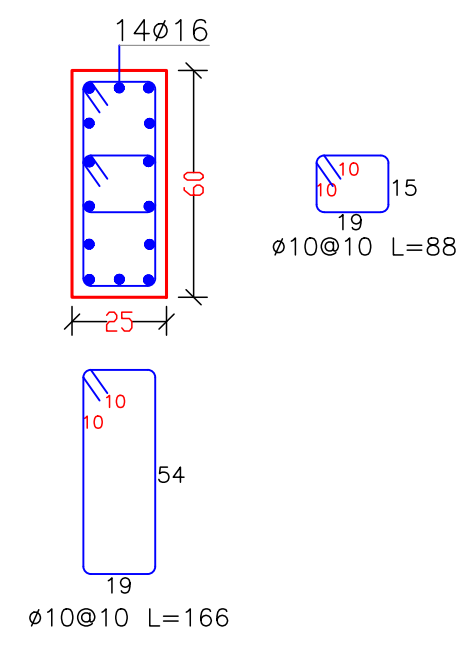
C(60*25)

C(60*35)

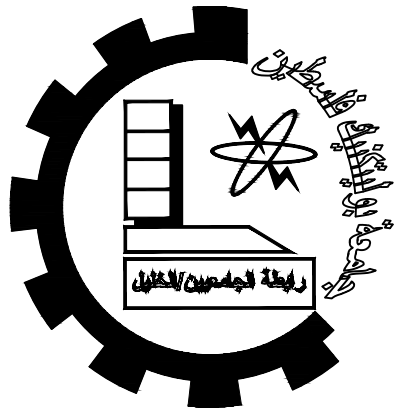
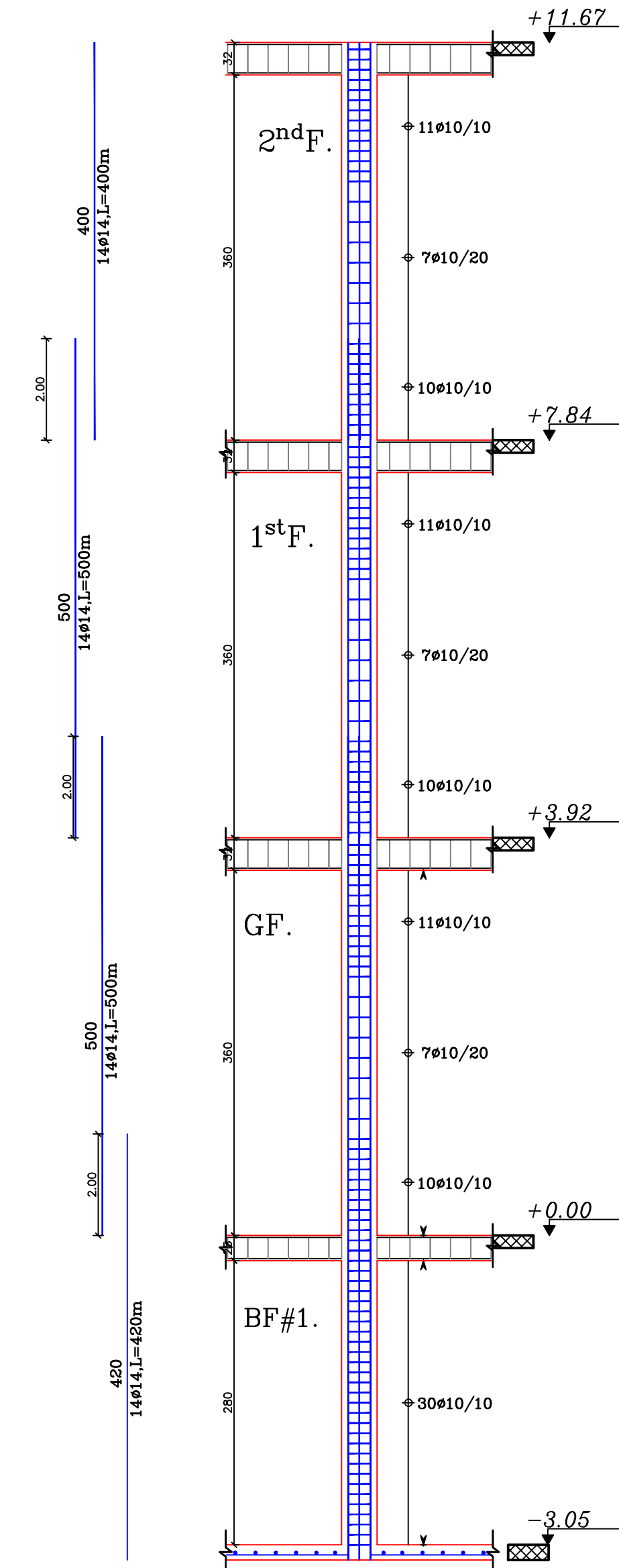
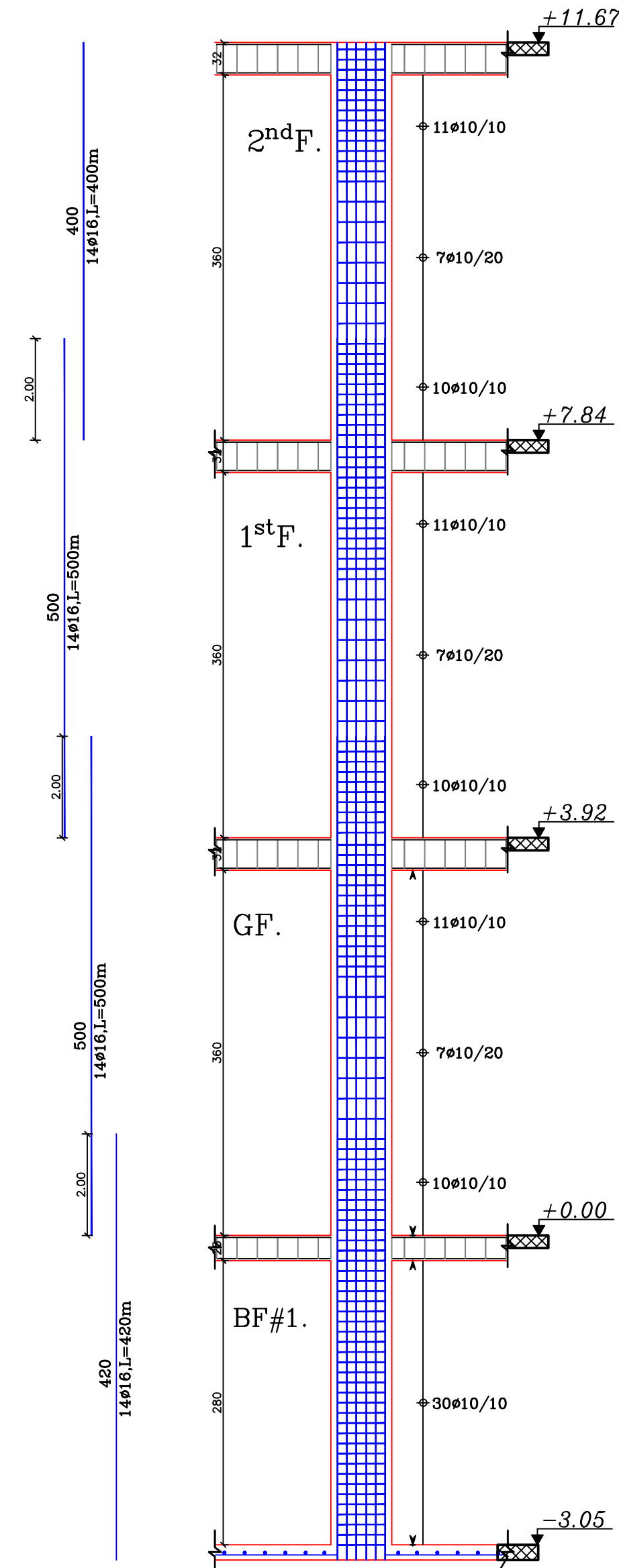
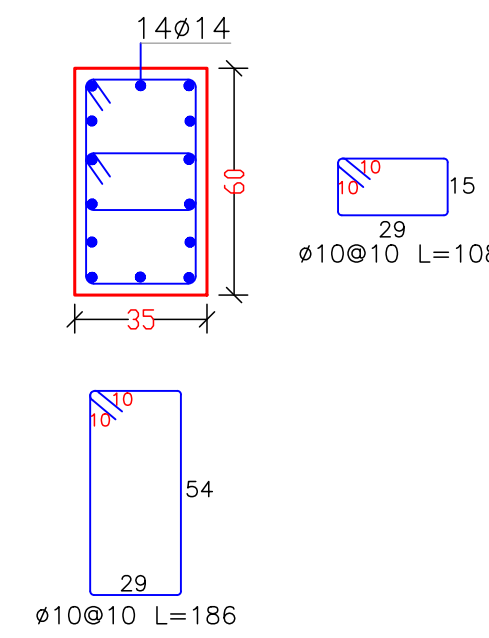
*Typical shear
Reinforcement

*Typical shear
Reinforcement

Section A-A



Section A-A



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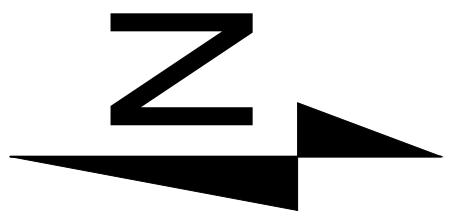
College of Engineering

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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Columns Detailing

Supervisor

Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S22	4/6

Columns Detailing

Scale 1\100

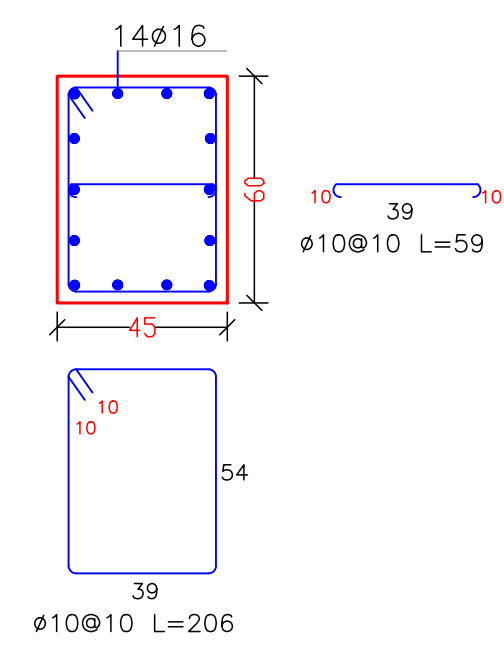
C(60*45)

C(70*25)

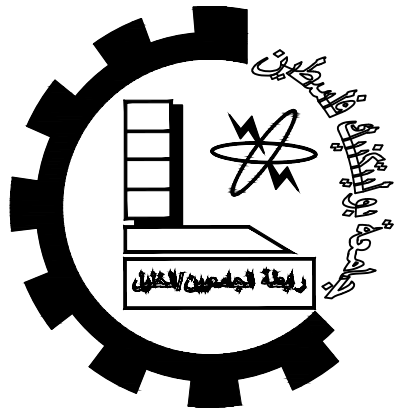
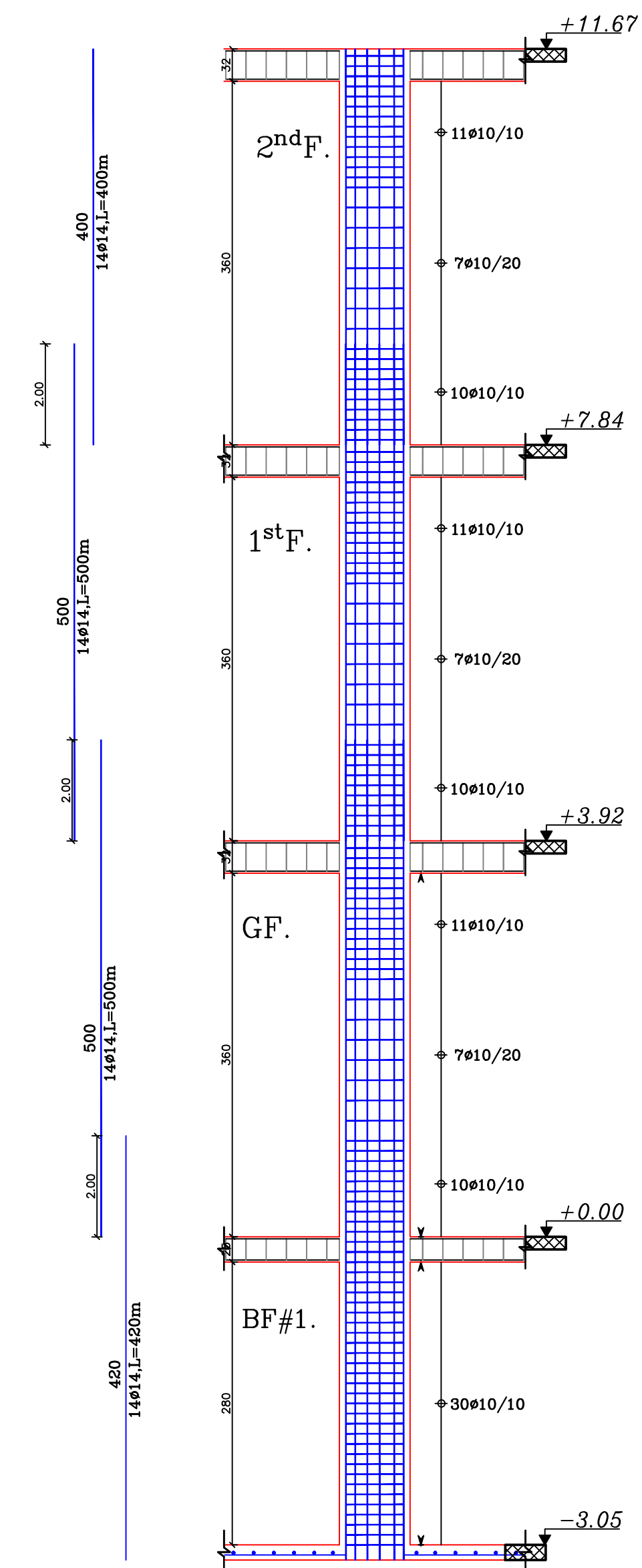
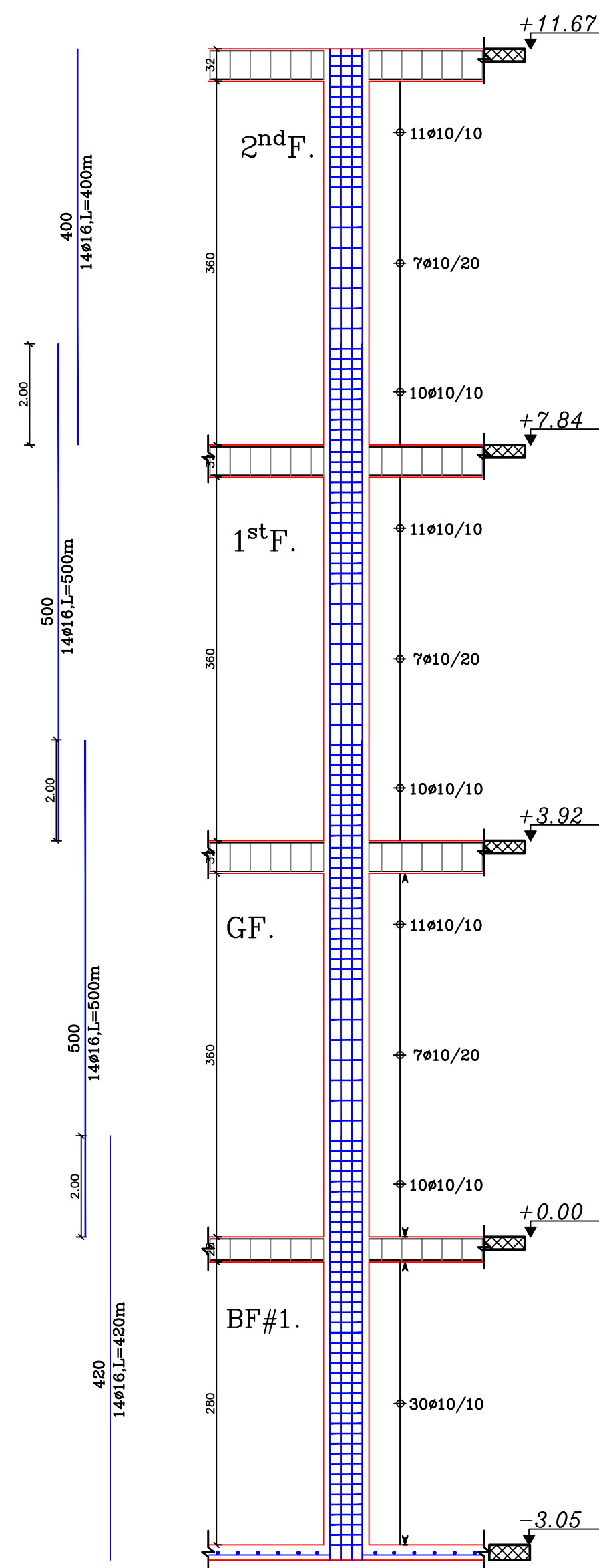
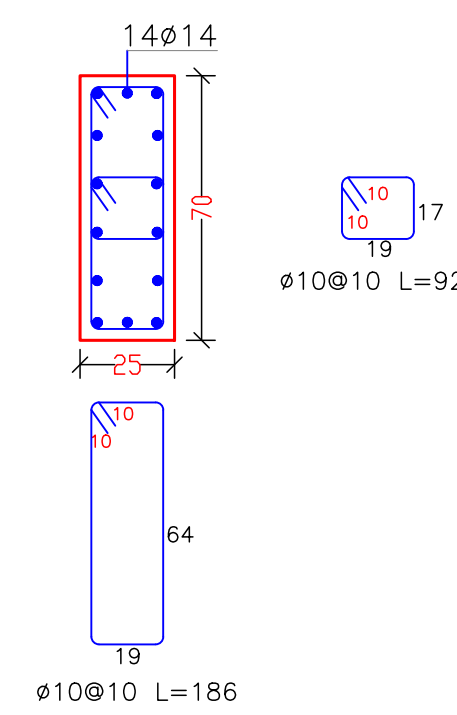
*Typical shear
Reinforcement

*Typical shear
Reinforcement

Section A-A



Section A-A



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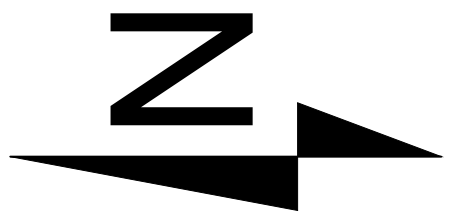
College of Engineering

Civil Engineering Department

Civil Engineering

Graduation Project

Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Columns Detailing

Supervisor

Dr. Nafez Nasreideen

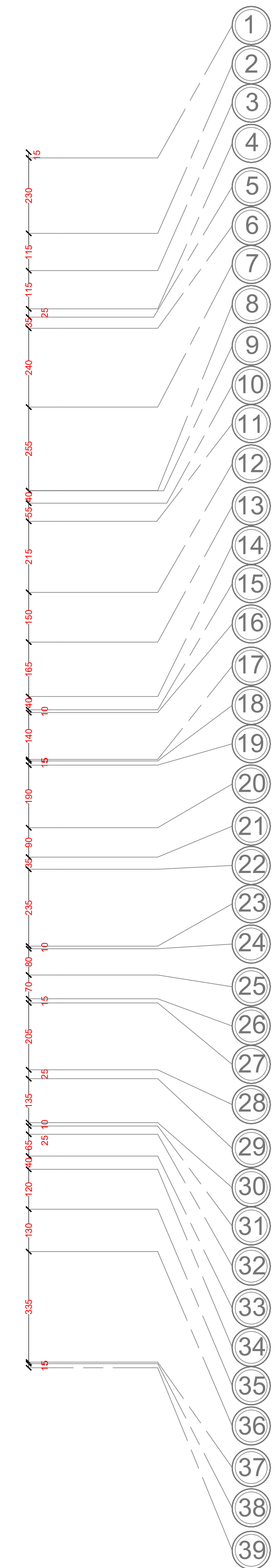
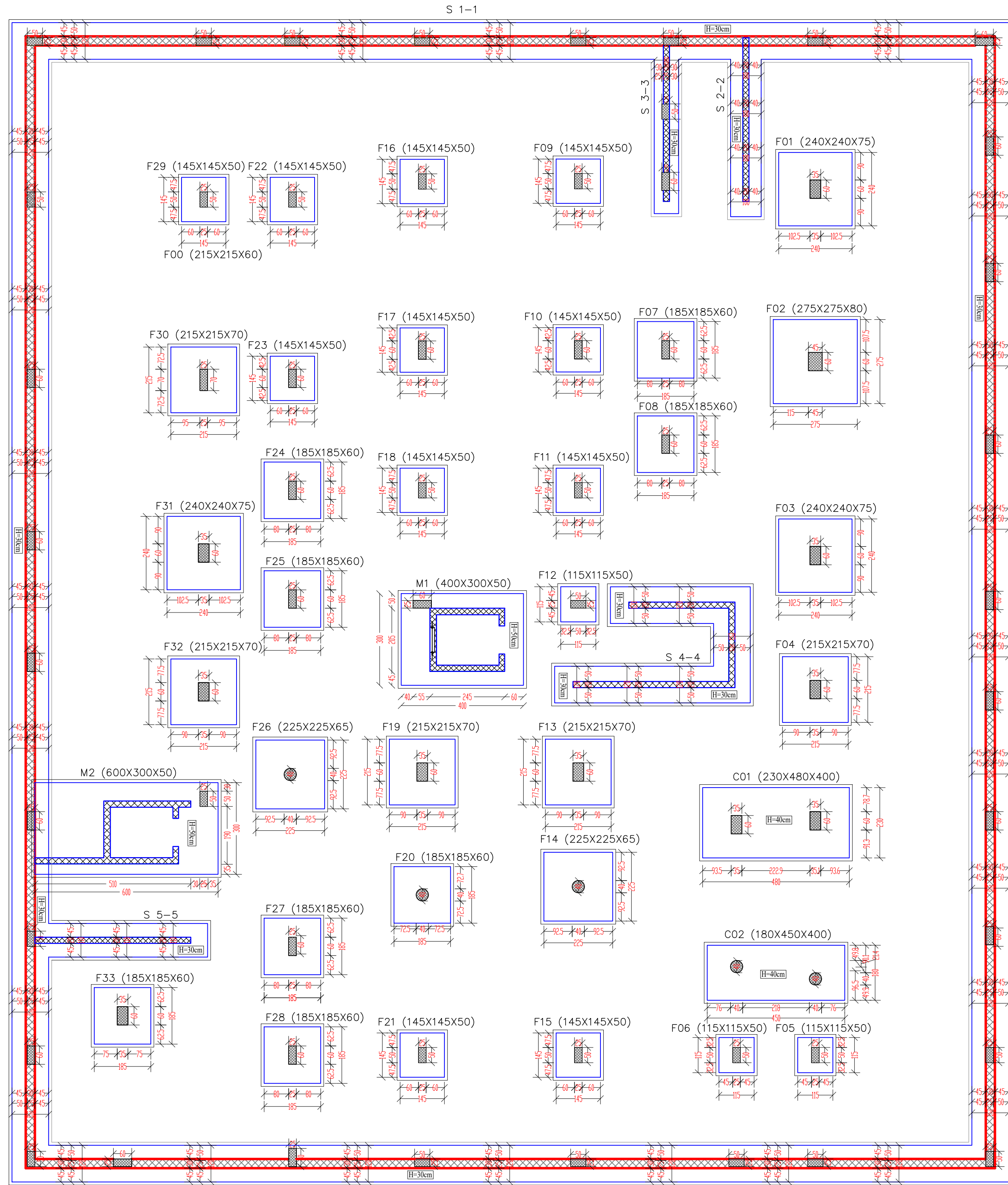
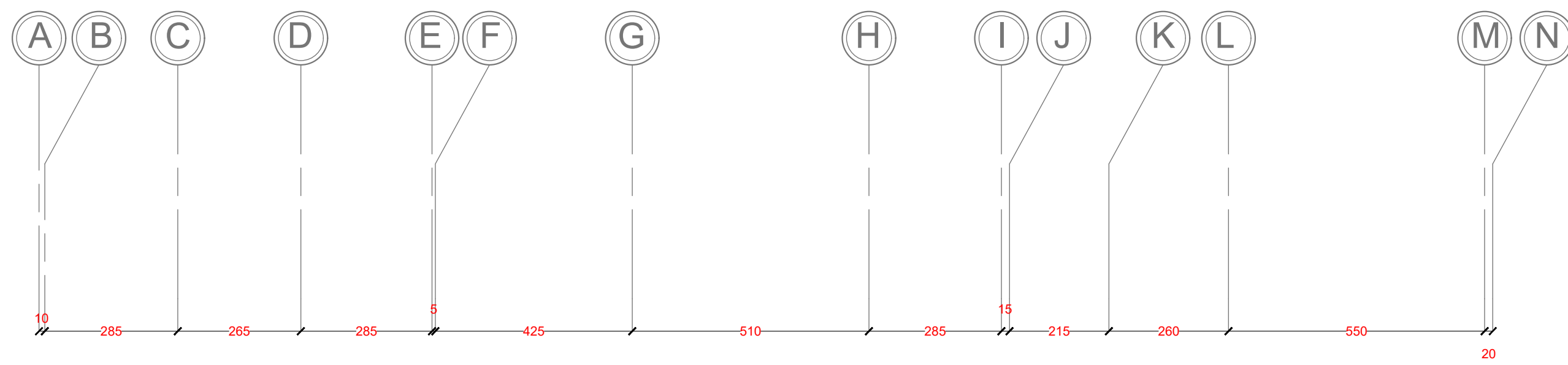
Done by :

Bayan Srour
Rasha Shakarnah

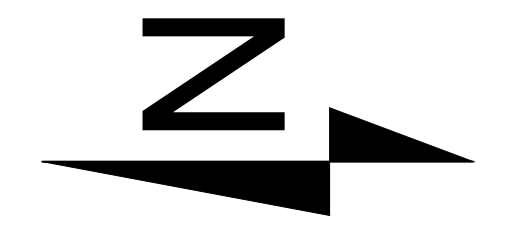
SCALE	No. of DRAW	DATE
1/100	S23	4/6

Columns Detailing

Scale 1\100



Palestine Polytechnic University
 College of Engineering
 Civil Engineering Department
 Civil Engineering
Graduation Project
 Eye Specialized Hospital



Notes:-
 all levels in M
 all dimension in cm

- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

DRAWING TITLE :
 Foundation distribution

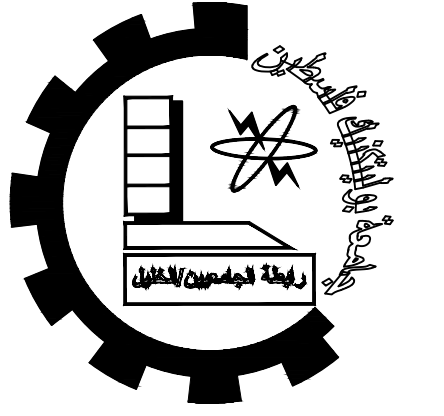
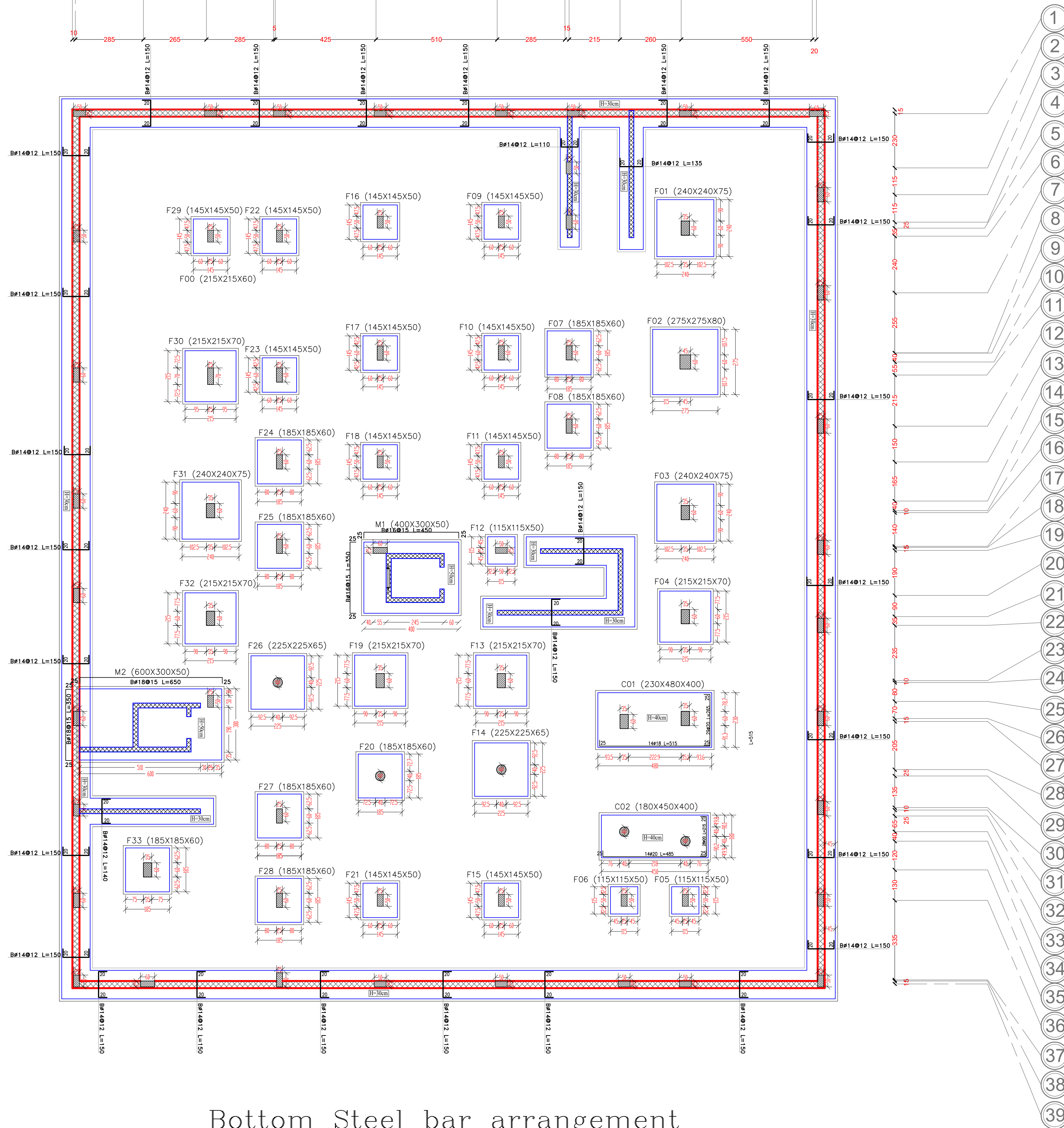
Supervisor
 Dr. Nafez Nasreideen

Done by :
 Bayan Srour
 Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S24	4/6

Foundation distribution
 Scale 1\100

A B C D E F G H I J K L M N



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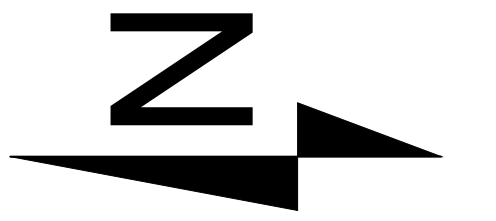
College of Engineering

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Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

DRAWING TITLE :

Footings Details

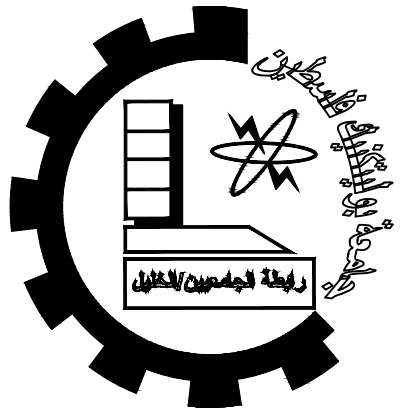
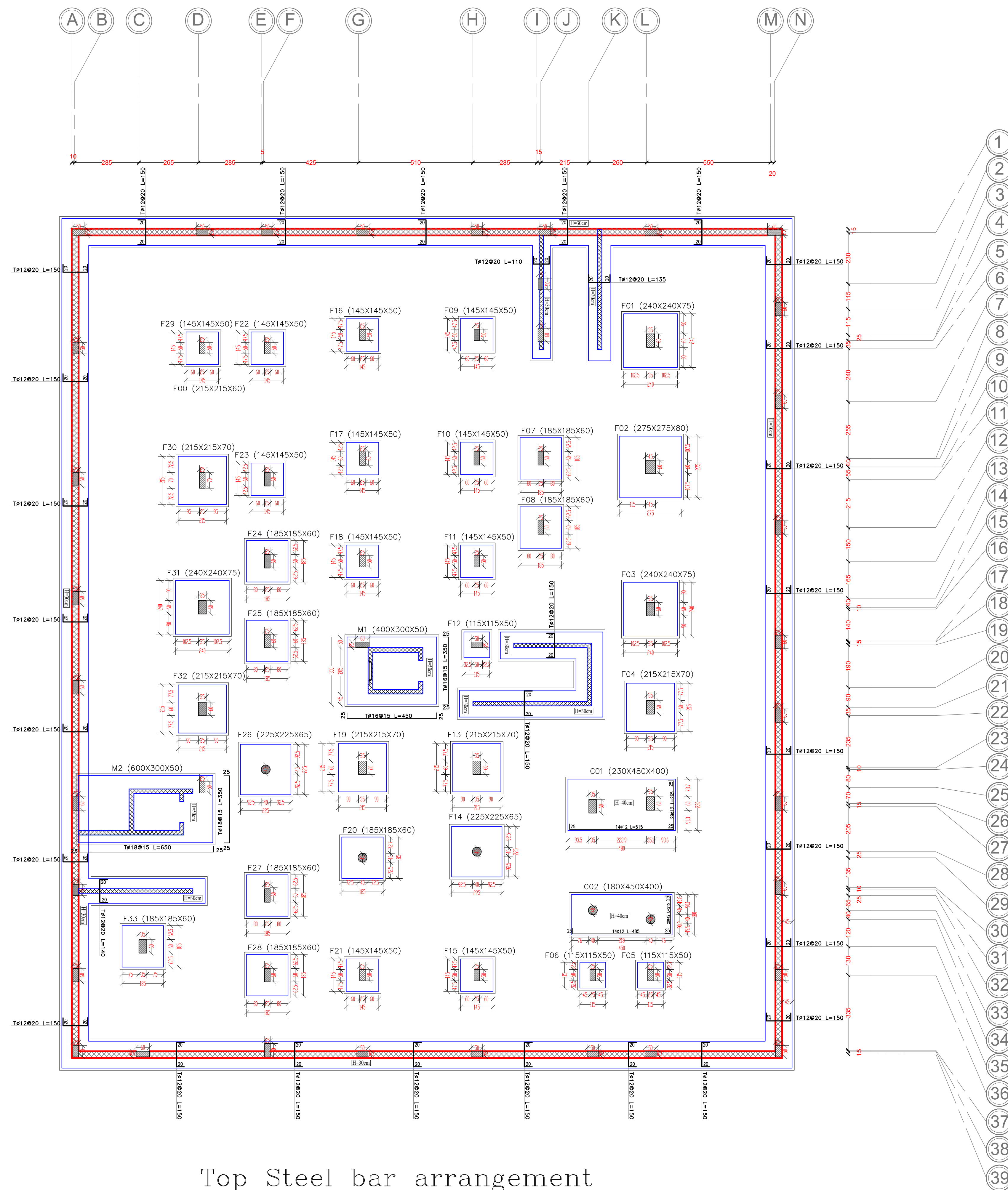
Supervisor
Dr. Nafez Nasreideen

Done by :
Bayan Srour
Rasha Shakarnah

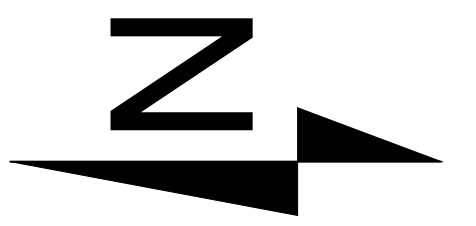
SCALE	No. of DRAW	DATE
1/100	S25	4/6

Footings Details
Scale 1\100

Bottom Steel bar arrangement
In Strip & Combined & Mat Footings



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Notes:-
 all levels in M
 all dimension in cm

- LEGEND
- STONE
 - R.CONCRETE
 - CONCRETE
 - HOLLOW BLOCK

DRAWING TITLE :
 Footings Details

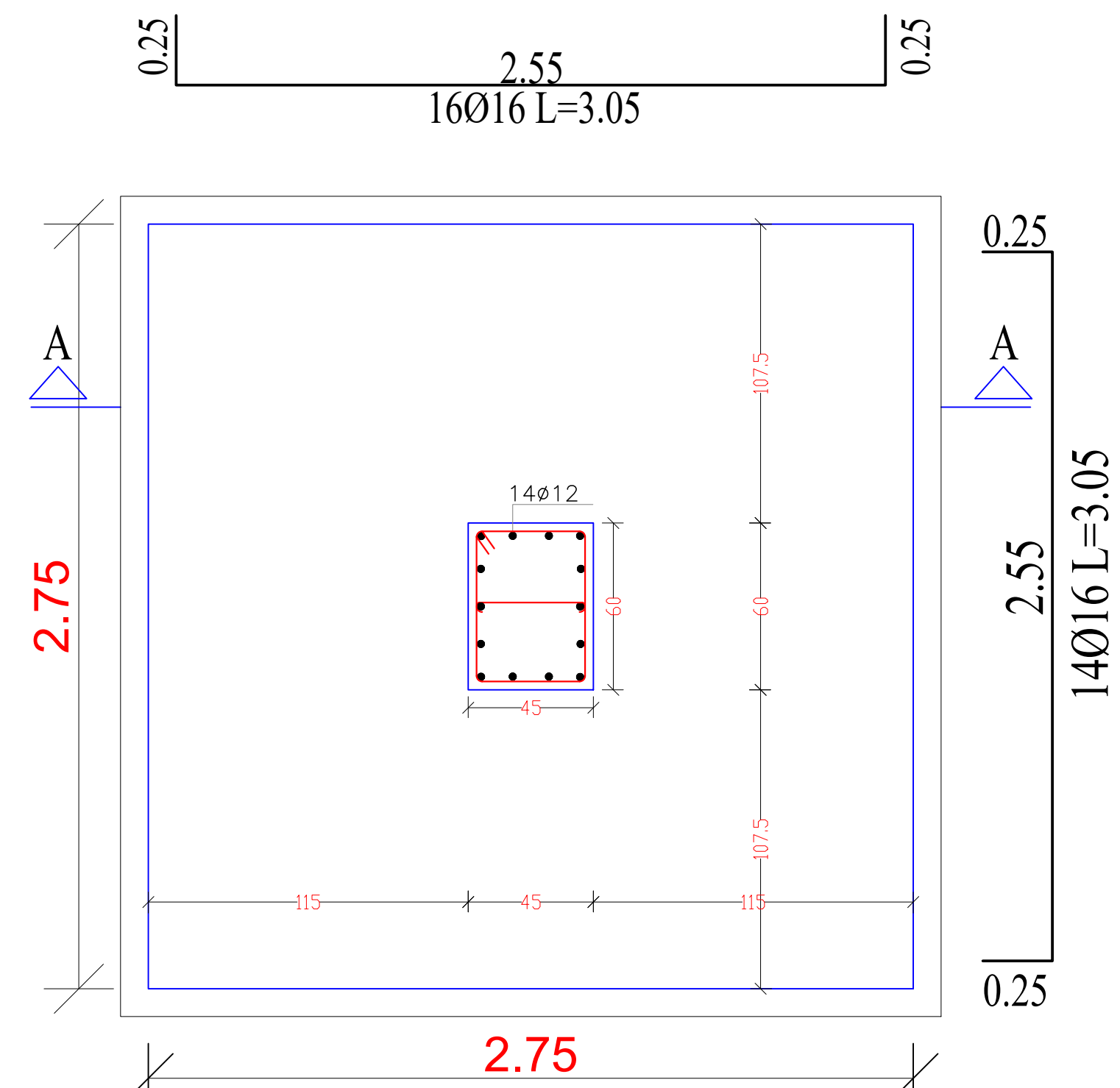
Supervisor
 Dr. Nafez Nasreideen

Done by :
 Bayan Srour
 Rasha Shakarnah

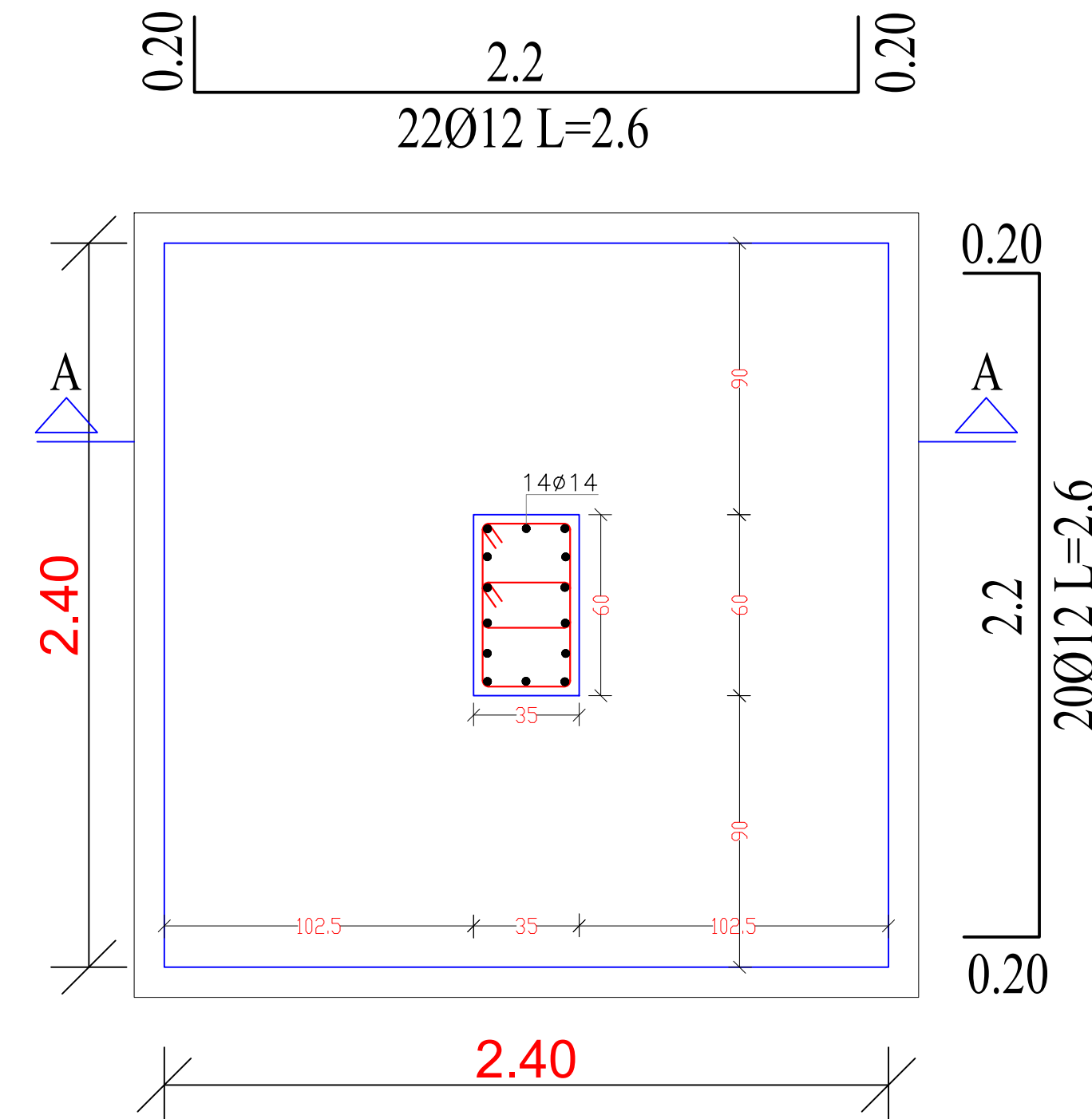
SCALE	No. of DRAW	DATE
1/100	S26	4/6

Footings Details
 Scale 1\100

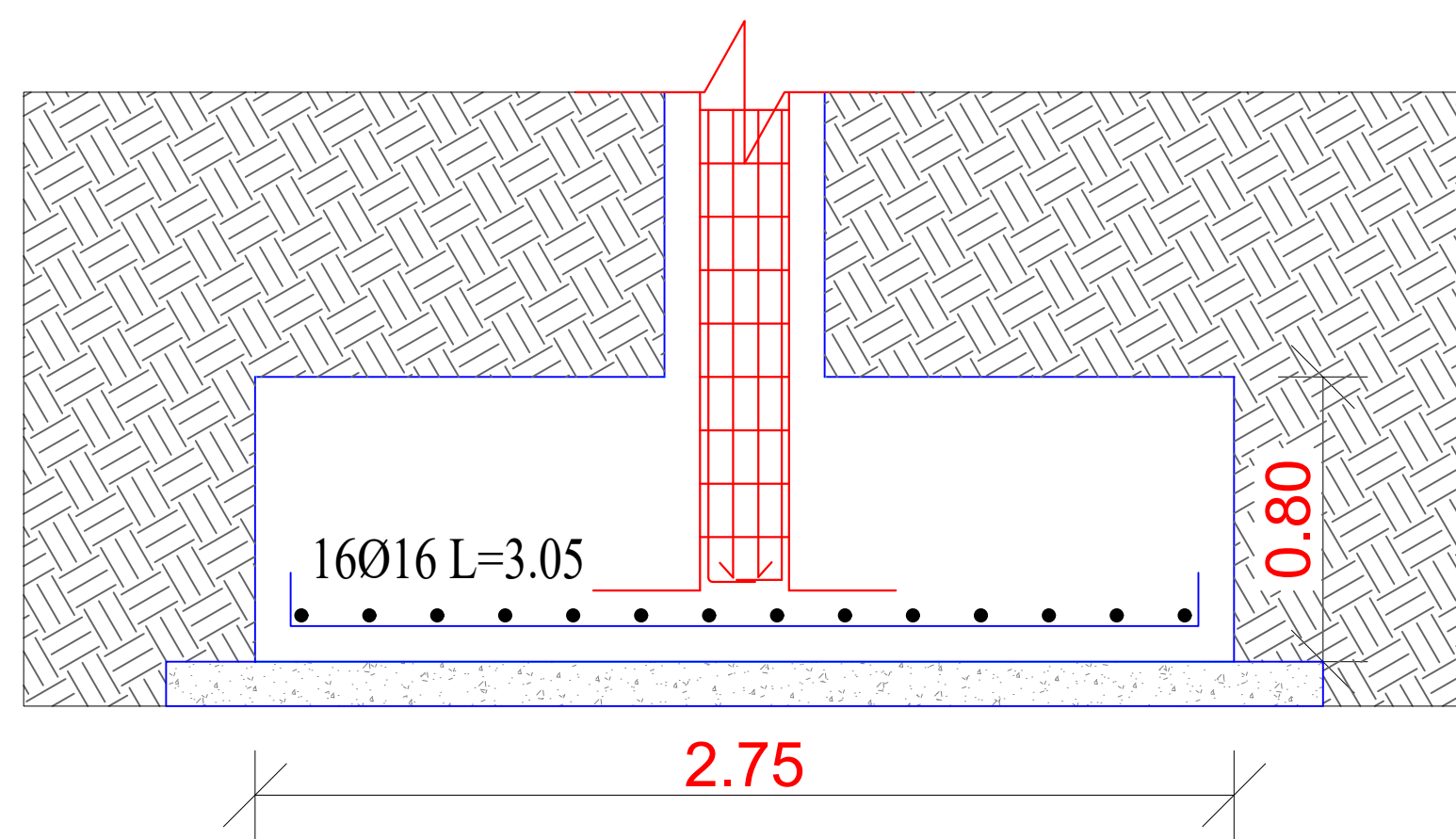
Top Steel bar arrangement
 In Strip & Combined & Mat Footings



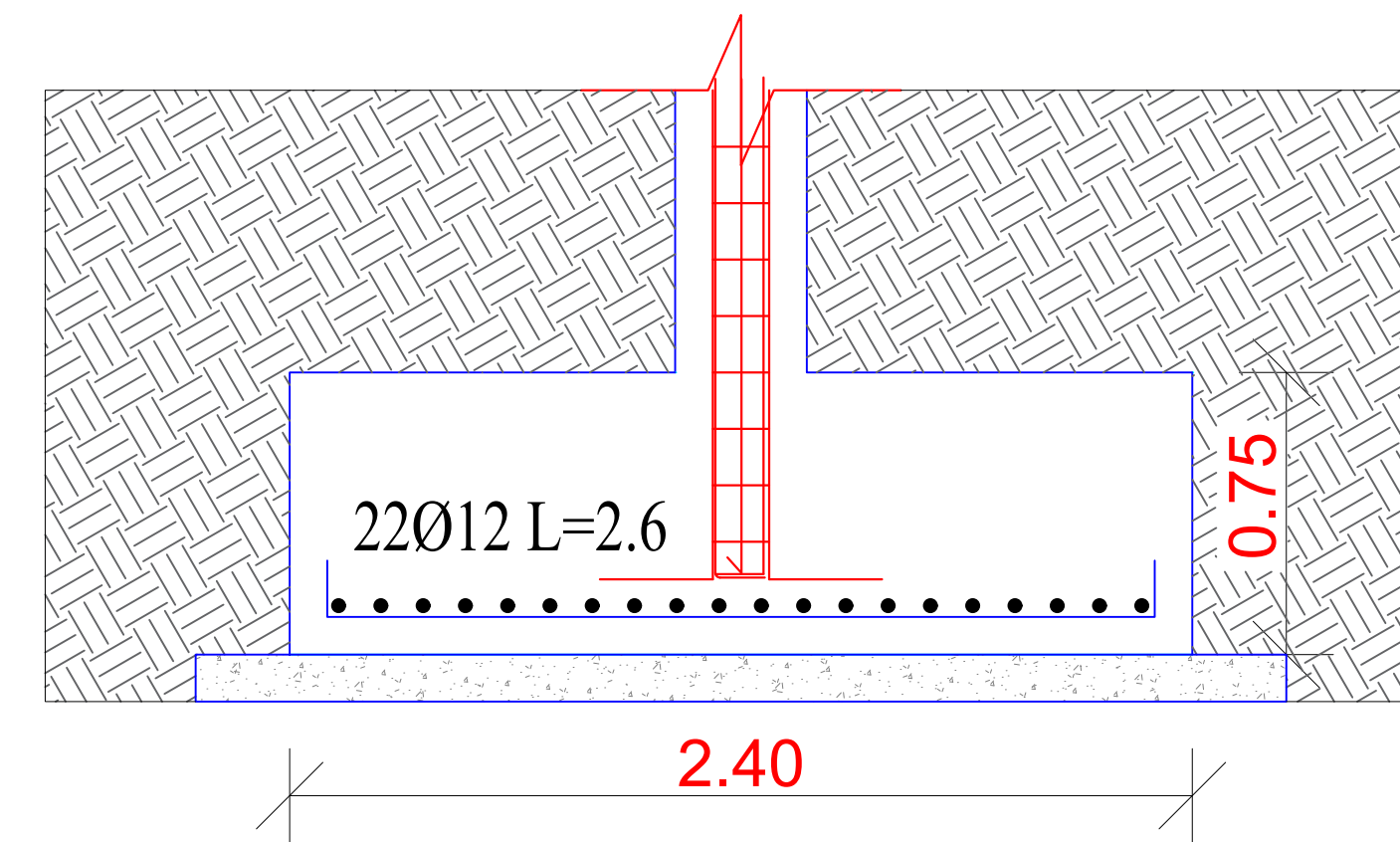
Horizontal section in footing F(275X275X80 cm)
for columns # (13)
1:20



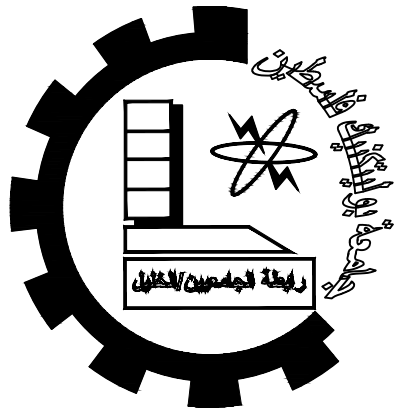
Horizontal section in footing F(240X240X75 cm)
for columns # (12,14,59)
1:20



Section (A-A) in F(275X275X80 cm)
for columns # (13)
1:20



Section (A-A) in F(240X240X75 cm)
for columns # (12,14,59)
1:20



Palestine Polytechnic University

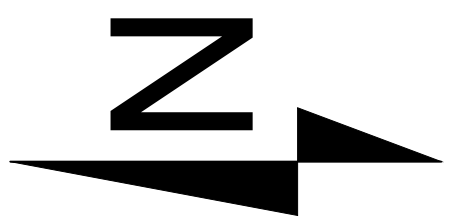
College of Engineering

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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Footings Details

Supervisor

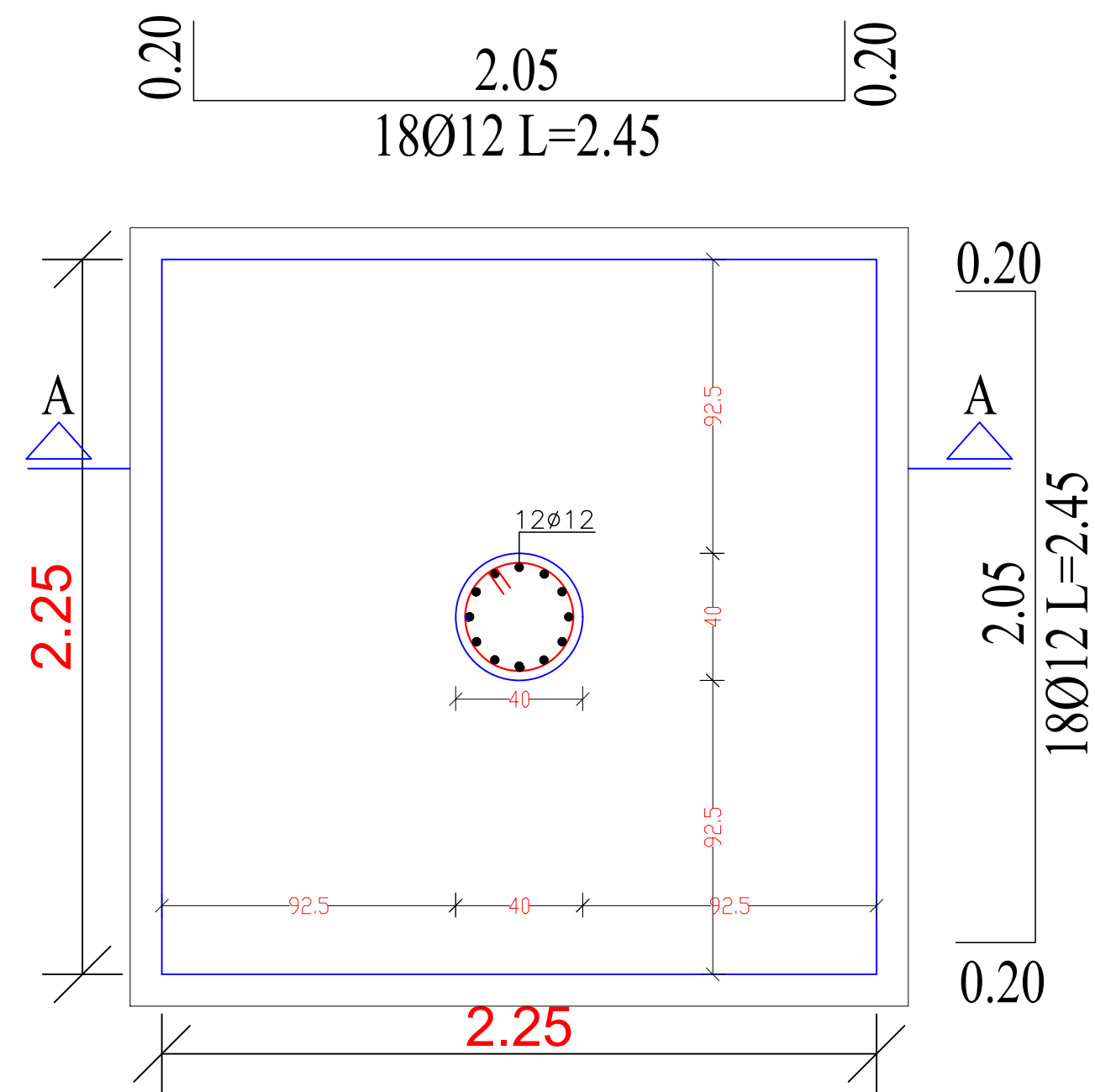
Dr. Nafez Nasreideen

Done by :

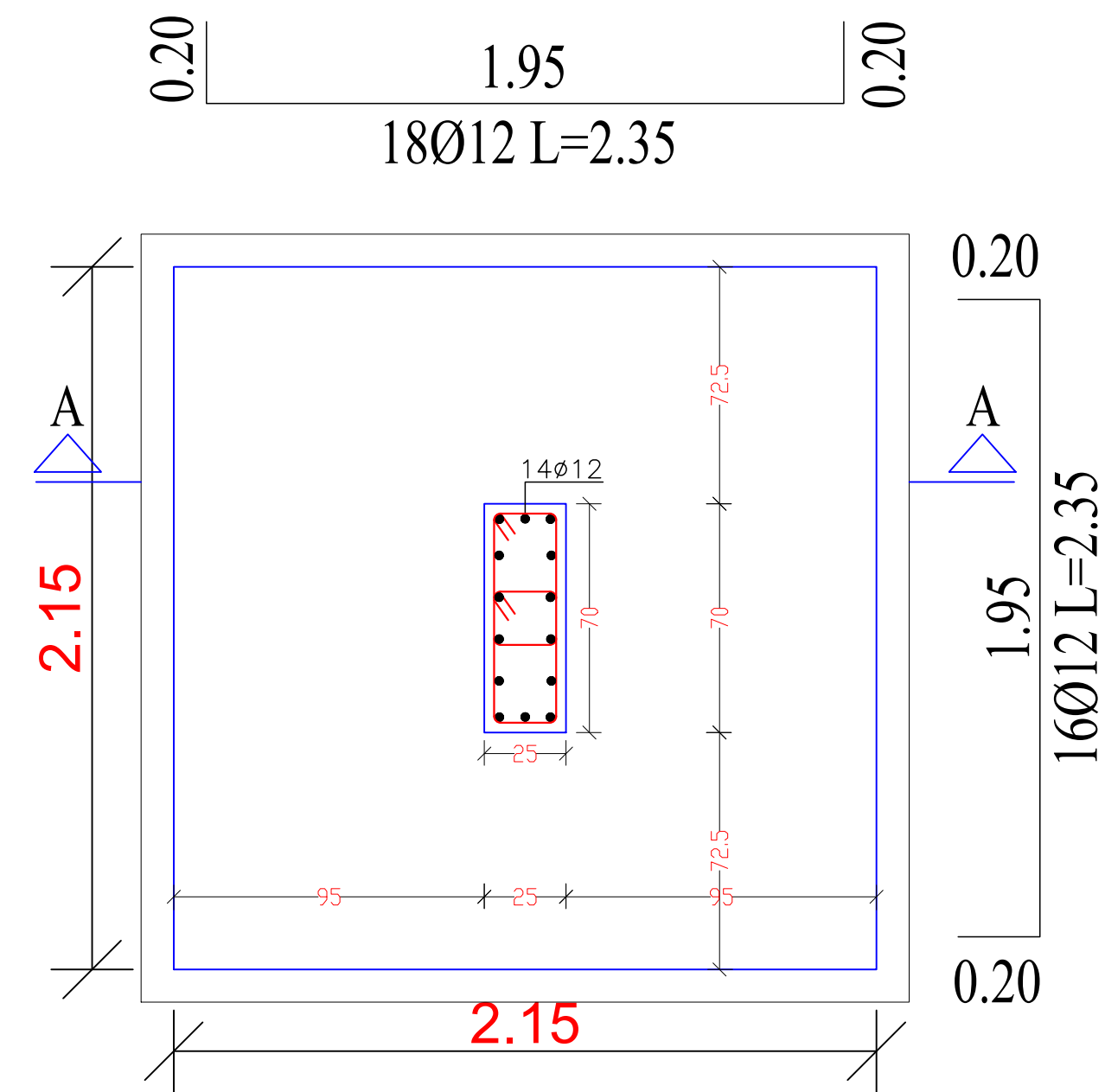
Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S27	4/6

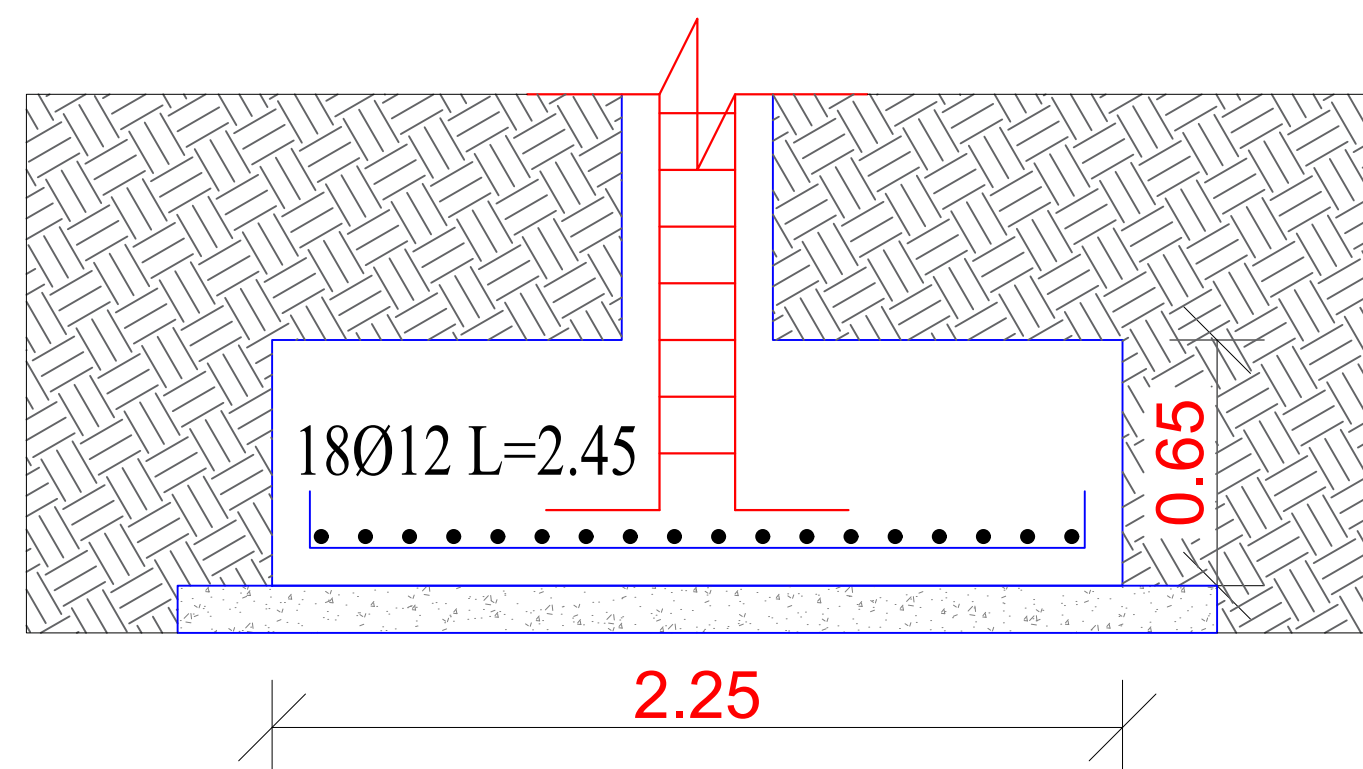
Footings Details
Scale 1\100



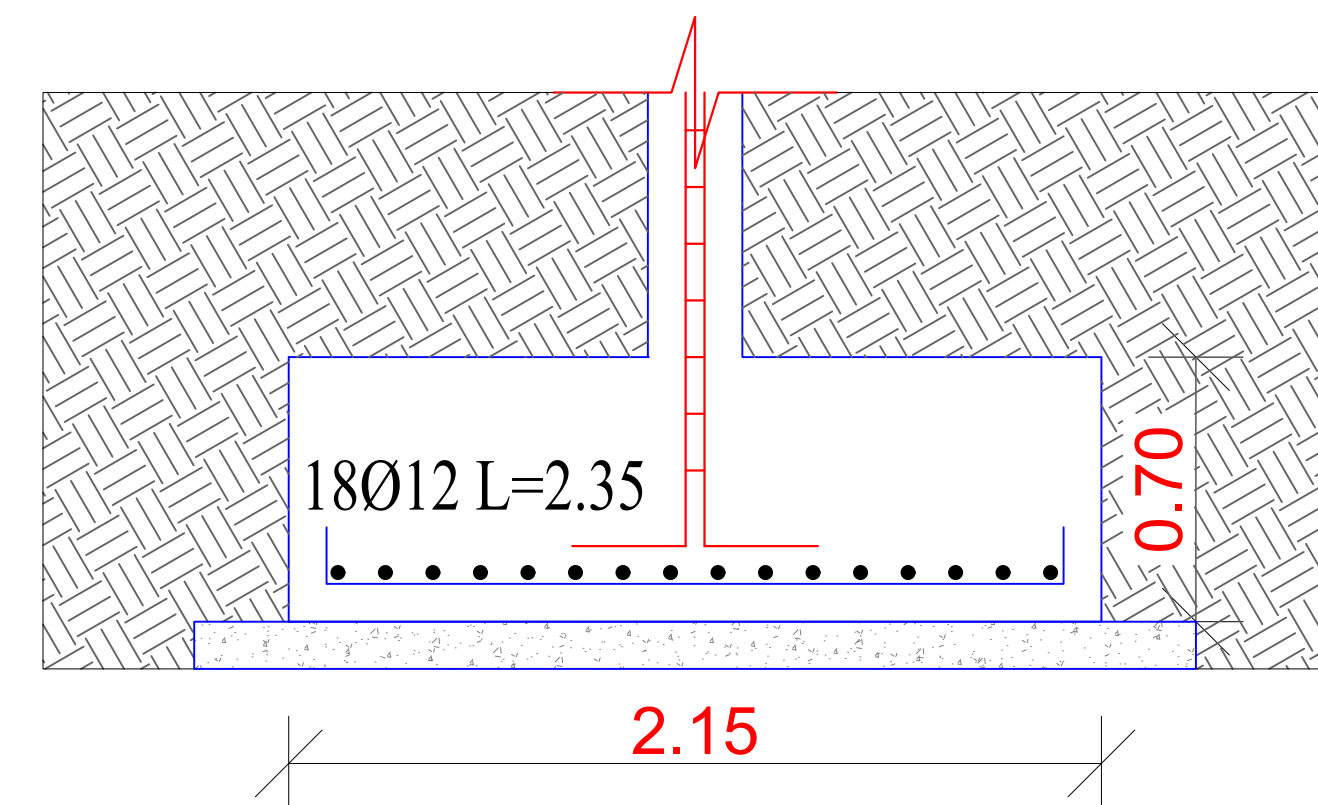
Horizontal section in footing F(225X225X65 cm)
for columns # (35,52)
1:20



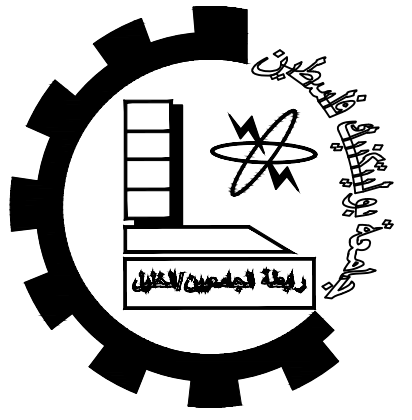
Horizontal section in footing F(215X215X70 cm)
for columns # (15,34,43,58,60)
1:20



Section (A-A) in F(225X225X65 cm)
for columns # (35,52)
1:20



Section (A-A) in F(215X215X70 cm)
for columns # (15,34,43,58,60)
1:20



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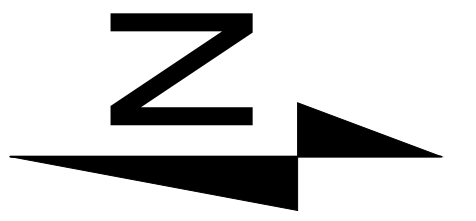
College of Engineering

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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Footings Details

Supervisor

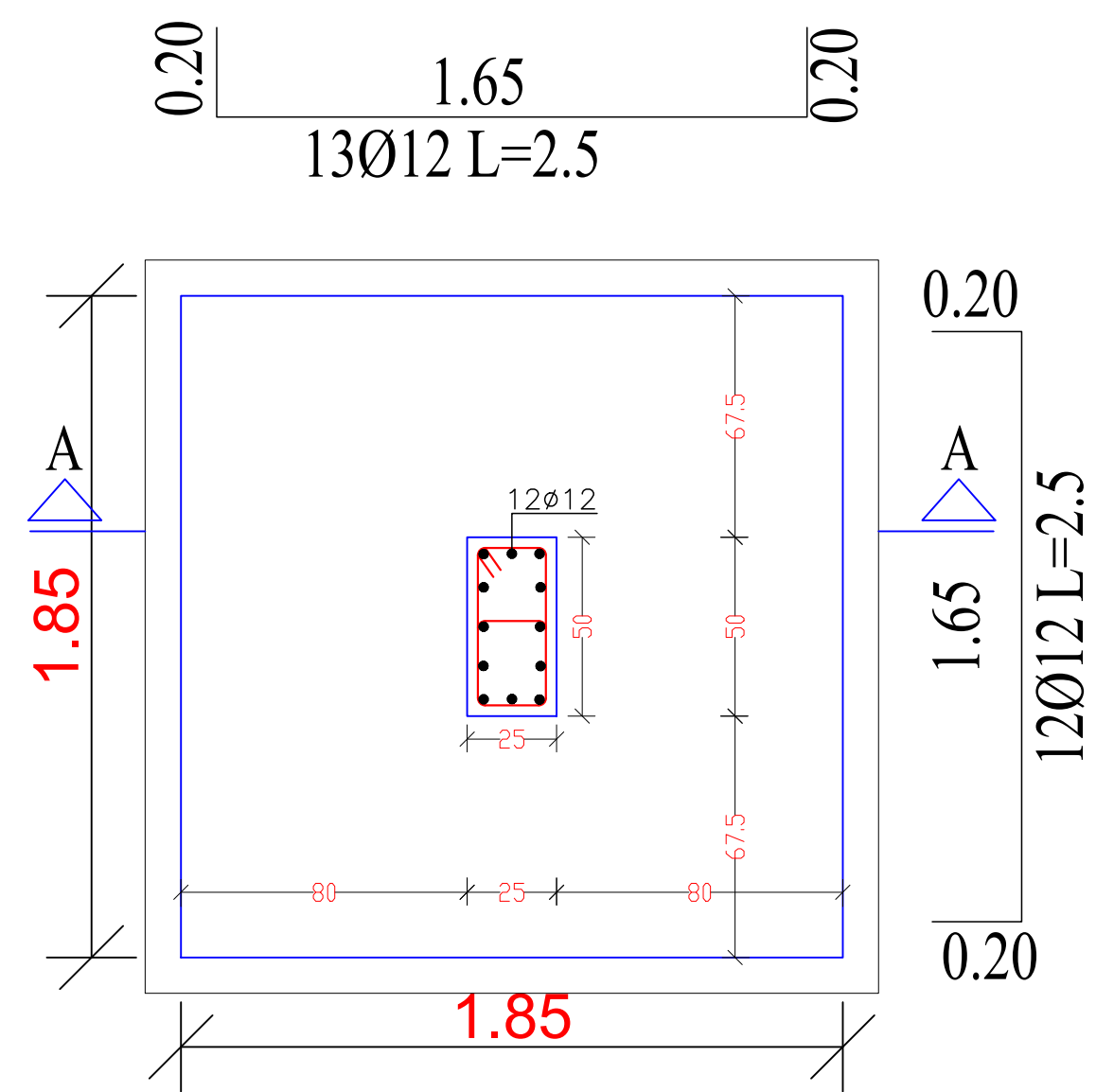
Dr. Nafez Nasreideen

Done by :

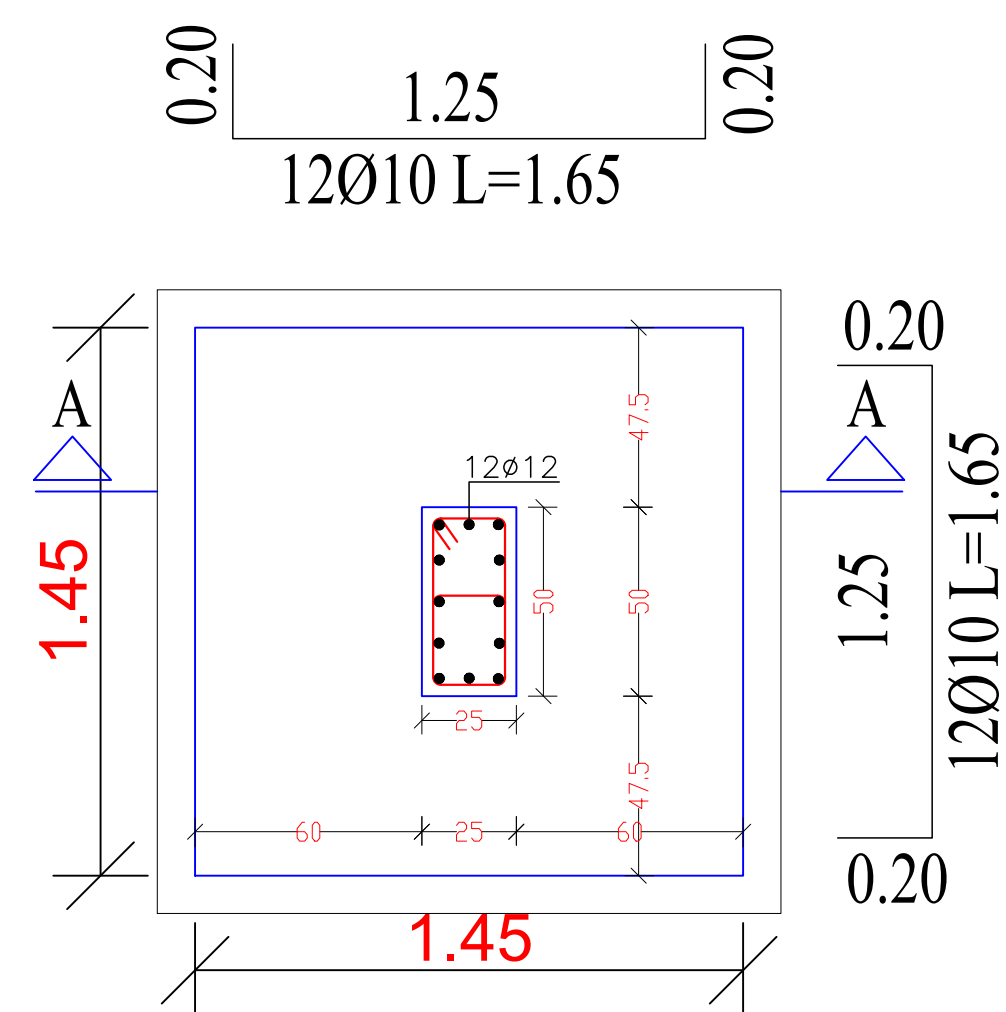
Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S28	4/6

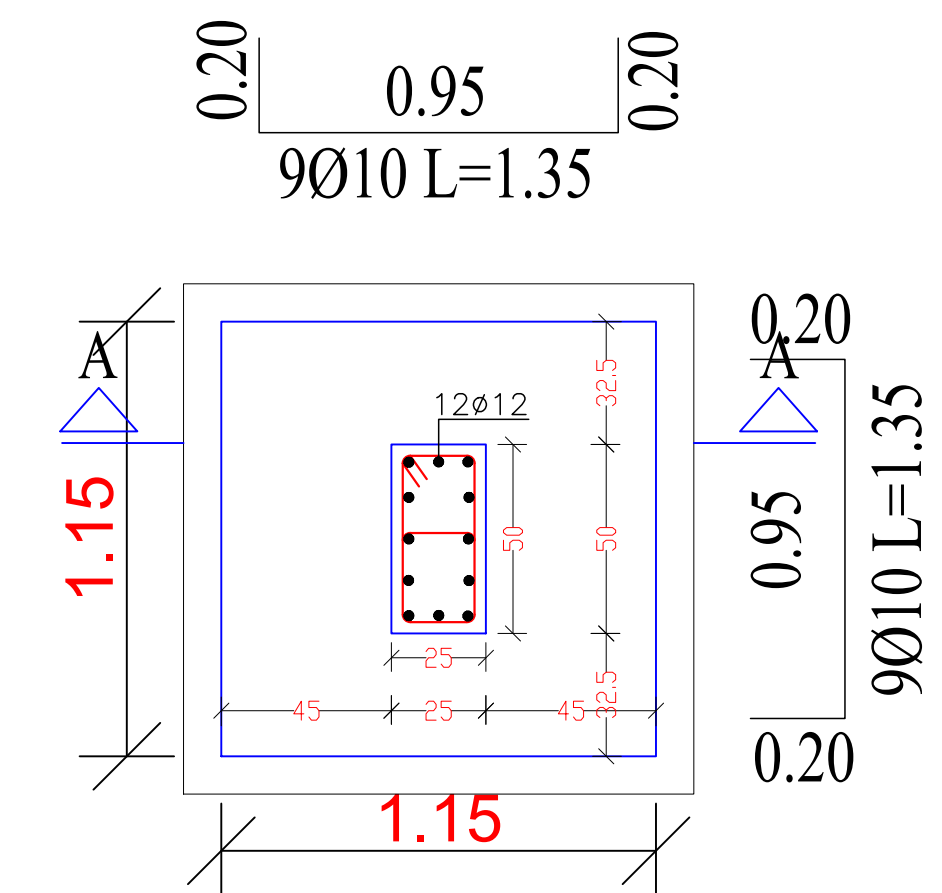
Footings Details
Scale 1\100



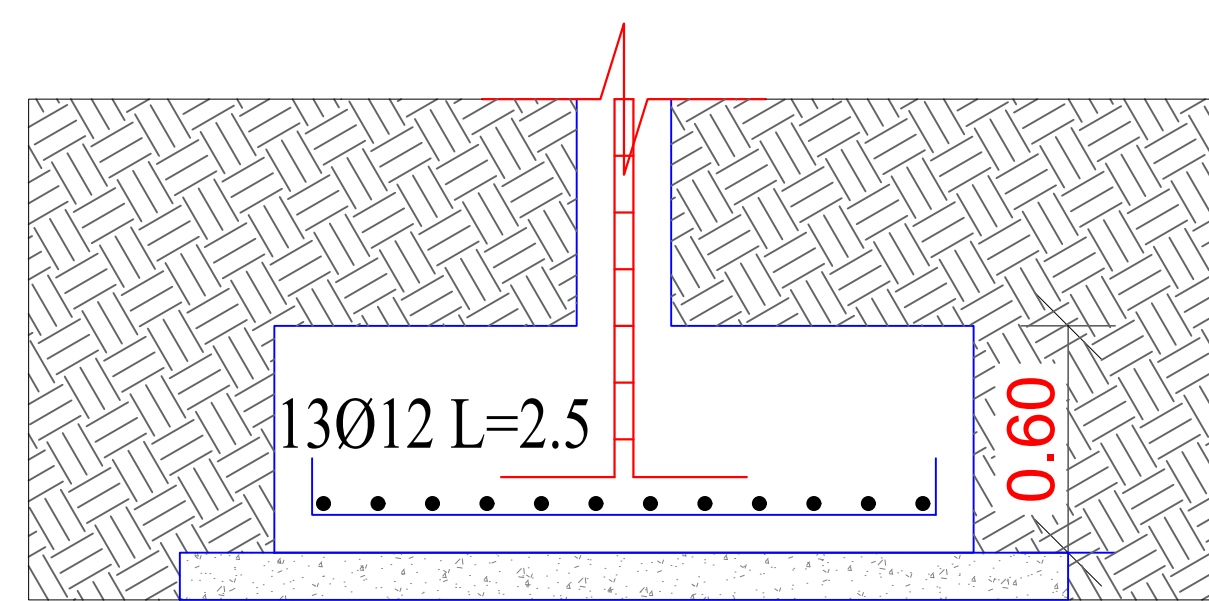
Horizontal section in footing F(185X185X60 cm)
for columns # (27,28,44,50,51,53,54,62)
1:20



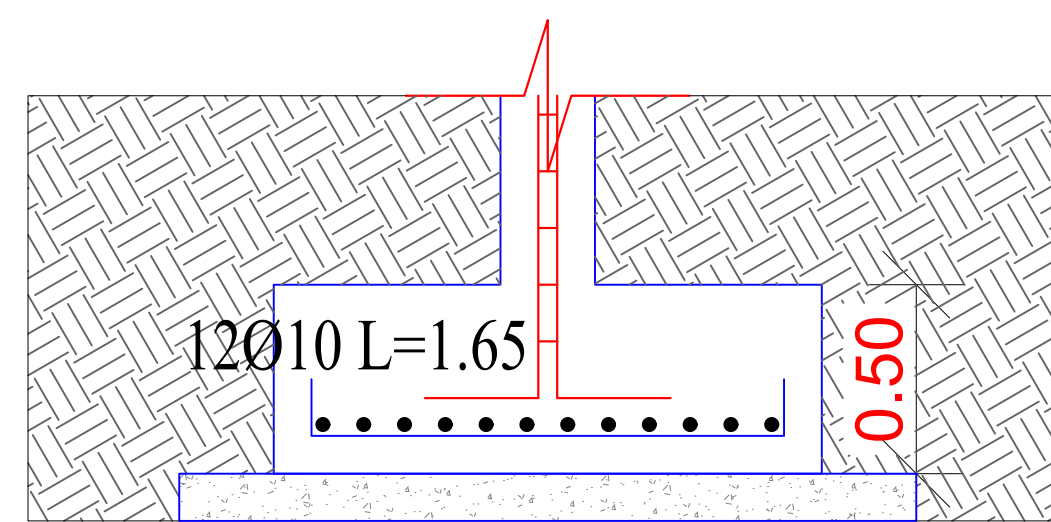
Horizontal section in footing F(145X145X50 cm)
for columns # (30,31,32,36,39,40,41,45,48,49,57)
1:20



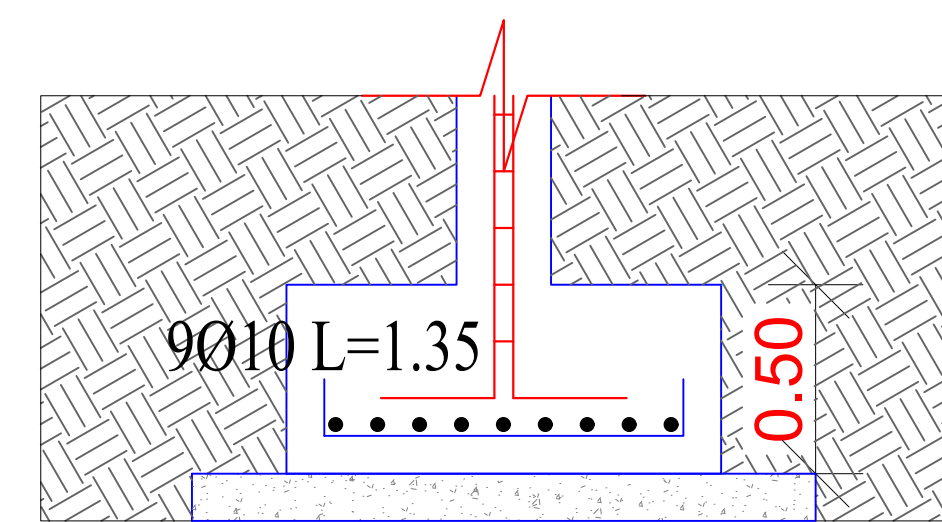
Horizontal section in footing F(115X115X50 cm)
for columns # (18,22,33)
1:20



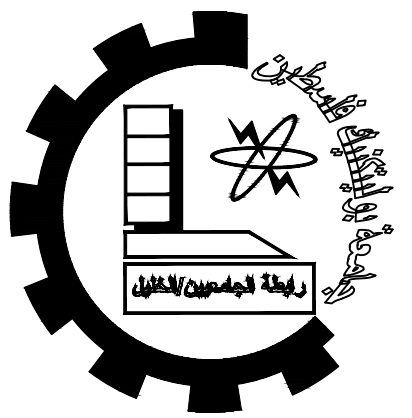
Section (A-A) in F(185X185X60 cm)
for columns # (27,28,44,50,51,53,54,62)
1:20



Section (A-A) in F(145X145X50 cm)
for columns # (30,31,32,36,39,40,41,45,48,49,57)
1:20



Section (A-A) in F(115X115X50 cm)
for columns # (18,22,33)
1:20



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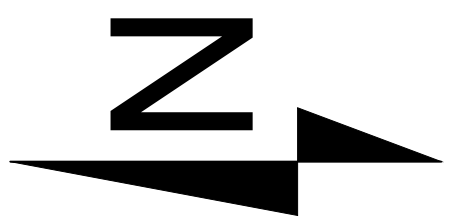
College of Engineering

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Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Footings Details

Supervisor

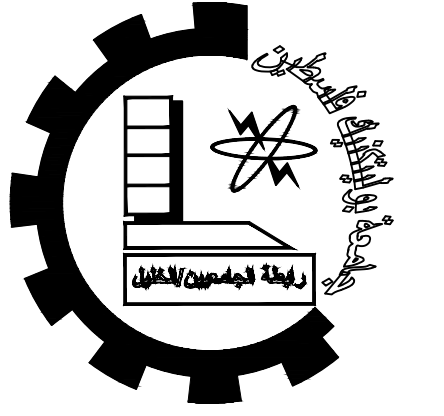
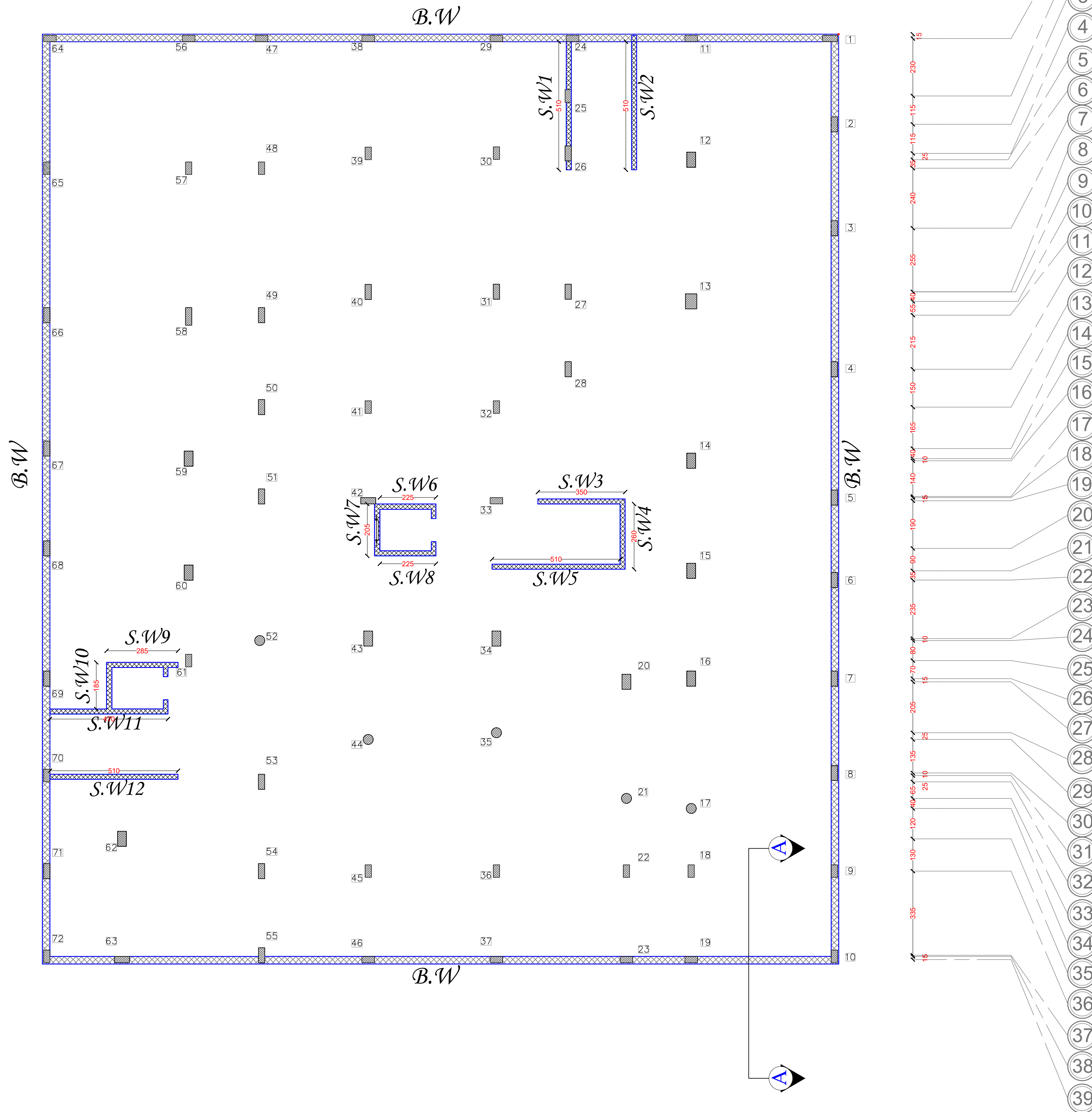
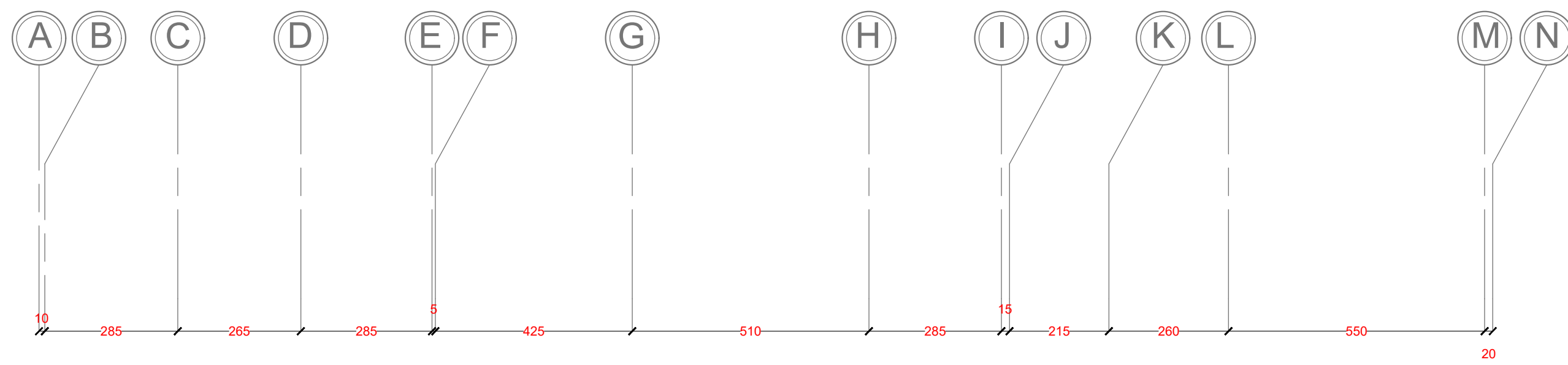
Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S29	4/6

Footings Details
Scale 1\100



Palestine Polytechnic University

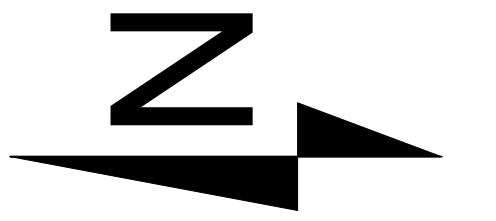
College of Engineering

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Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Walls distribution

Supervisor

Dr. Nafez Nasreideen

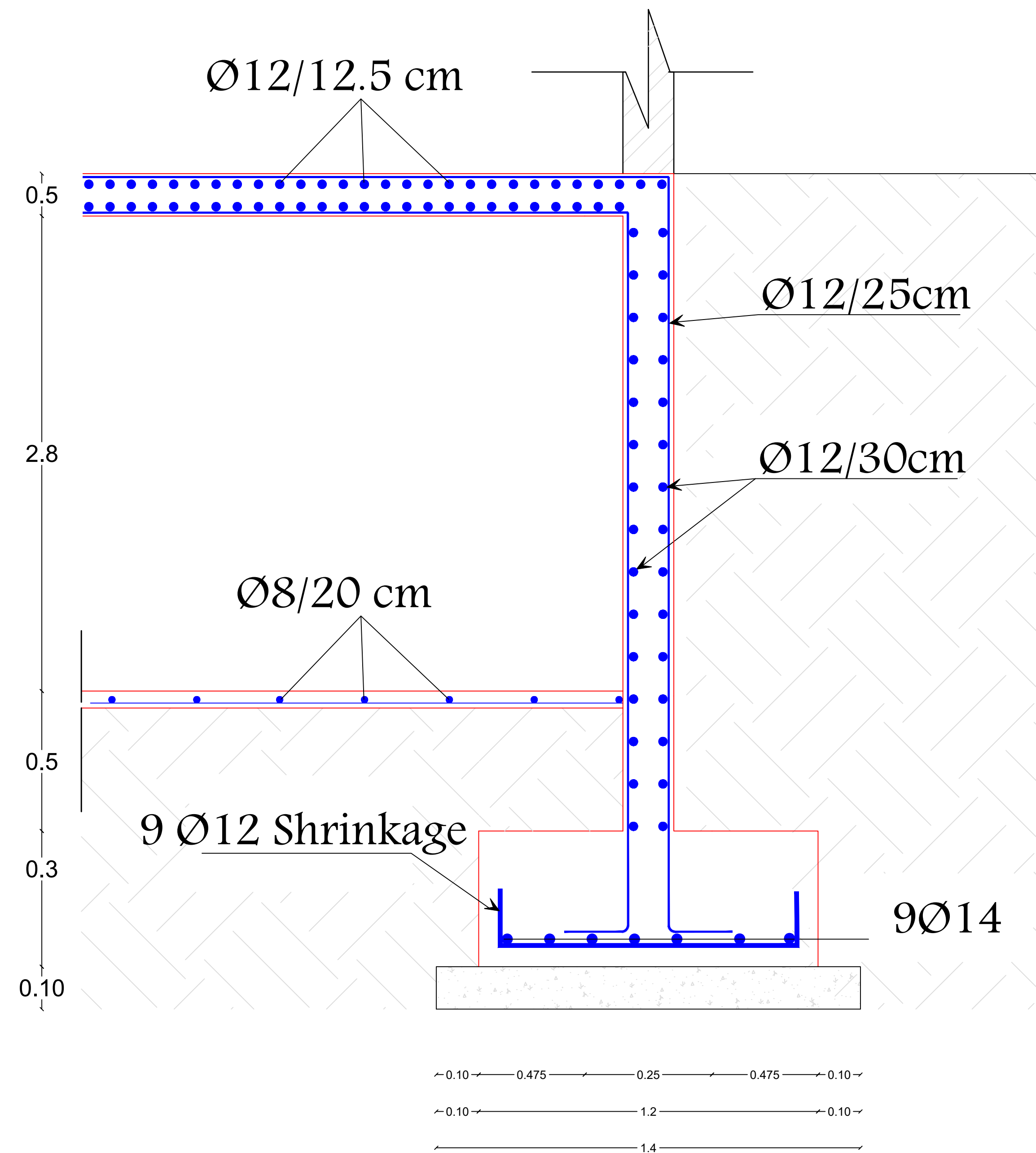
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S30	4/6

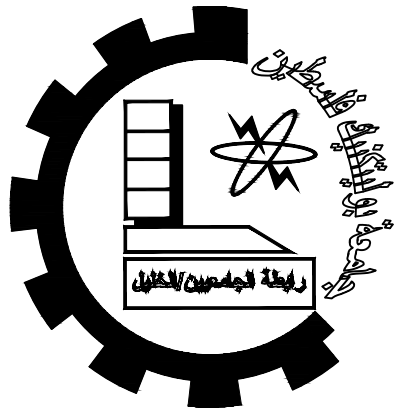
Walls distribution
Scale 1\100

SECTION A-A



B.W

Basement Wall Detailing
Scale 1\100



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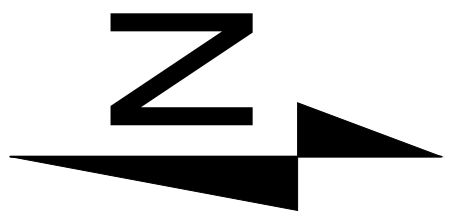
College of Engineering

Civil Engineering Department

Civil Engineering

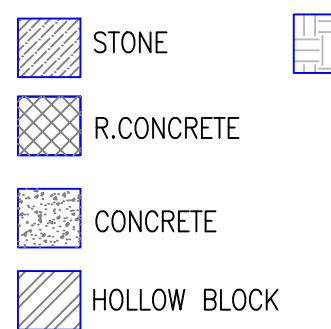
Graduation Project

Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND



DRAWING TITLE :

Basement Wall Detailing

Supervisor

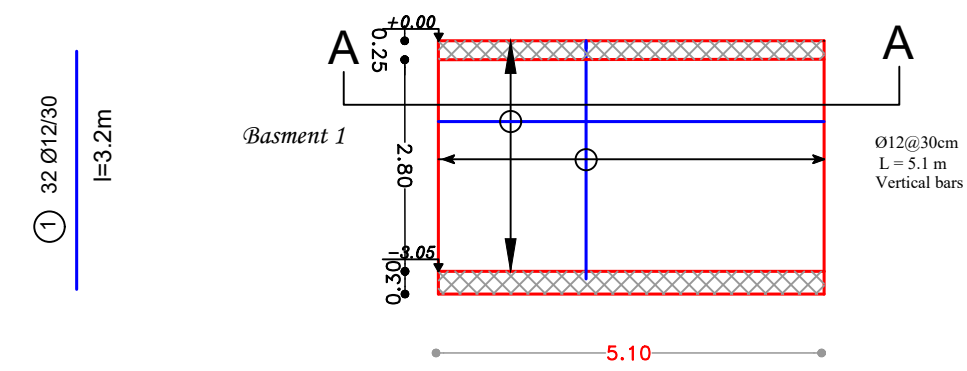
Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S31	4/6

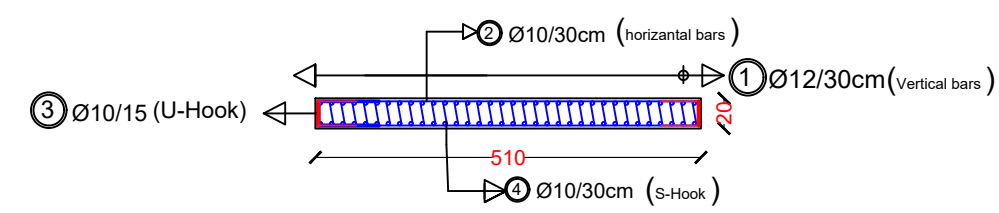
Shear walls 1&2



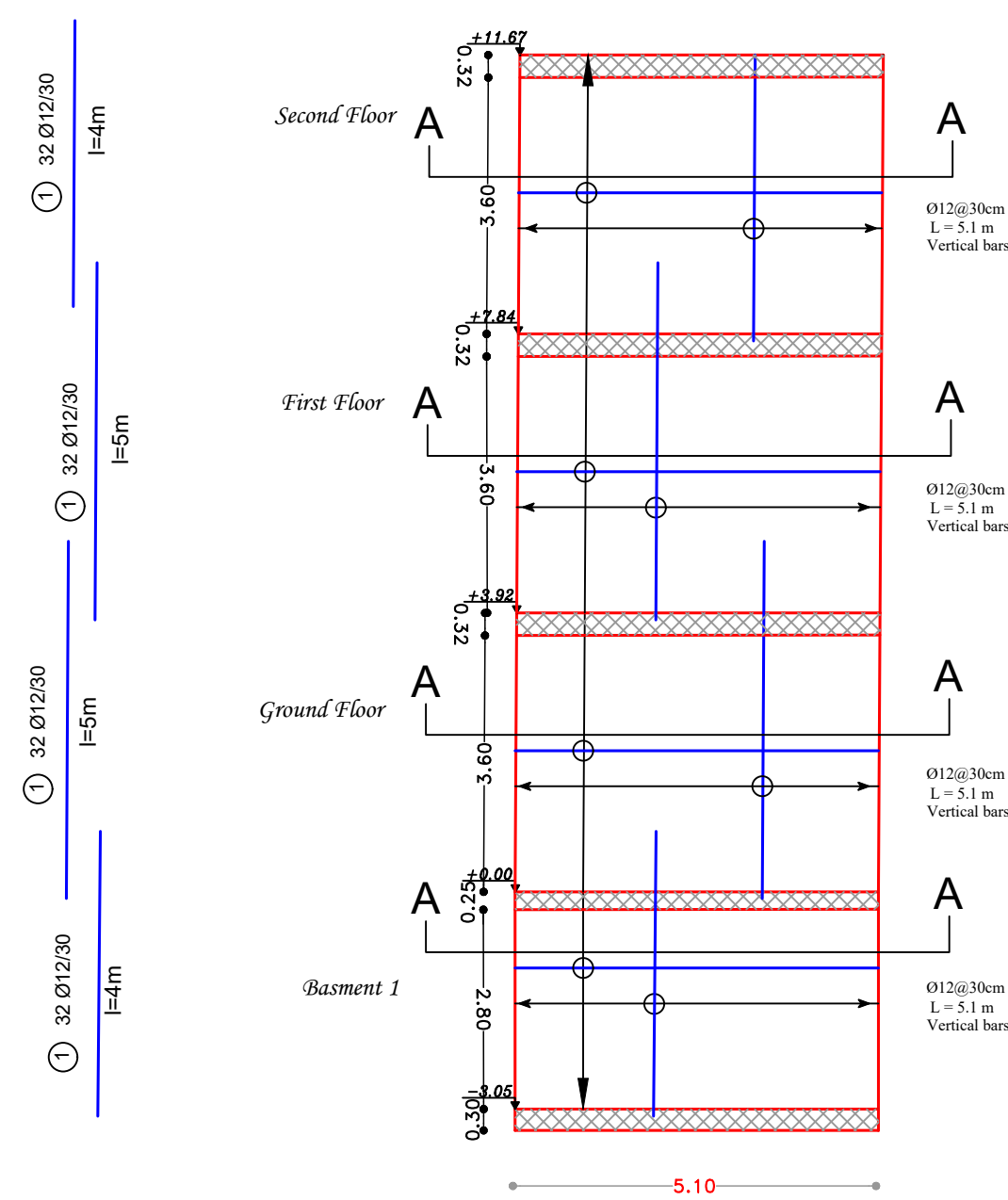
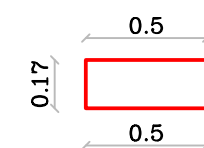
S.W1

Scale:1/100

section(A-A)



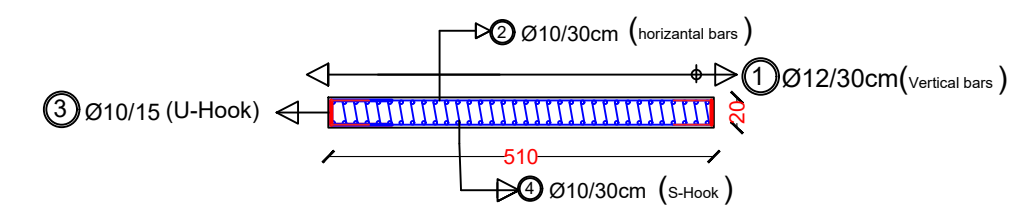
scale:1/100



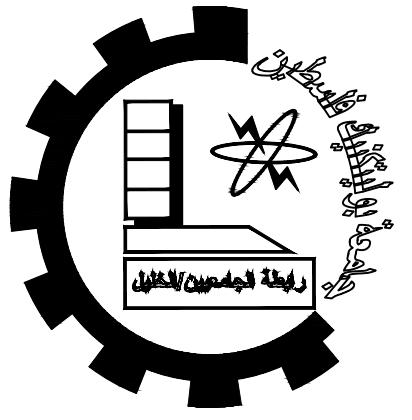
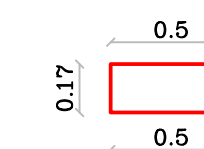
S.W2

Scale:1/100

section(A-A)



scale:1/100



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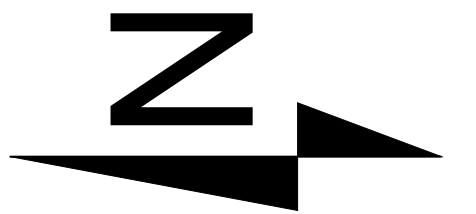
College of Engineering

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Civil Engineering

Graduation Project

Eye Specialized Hospital



Notes:-

all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Shear Wall Detailing

Supervisor

Dr. Nafez Nasreideen

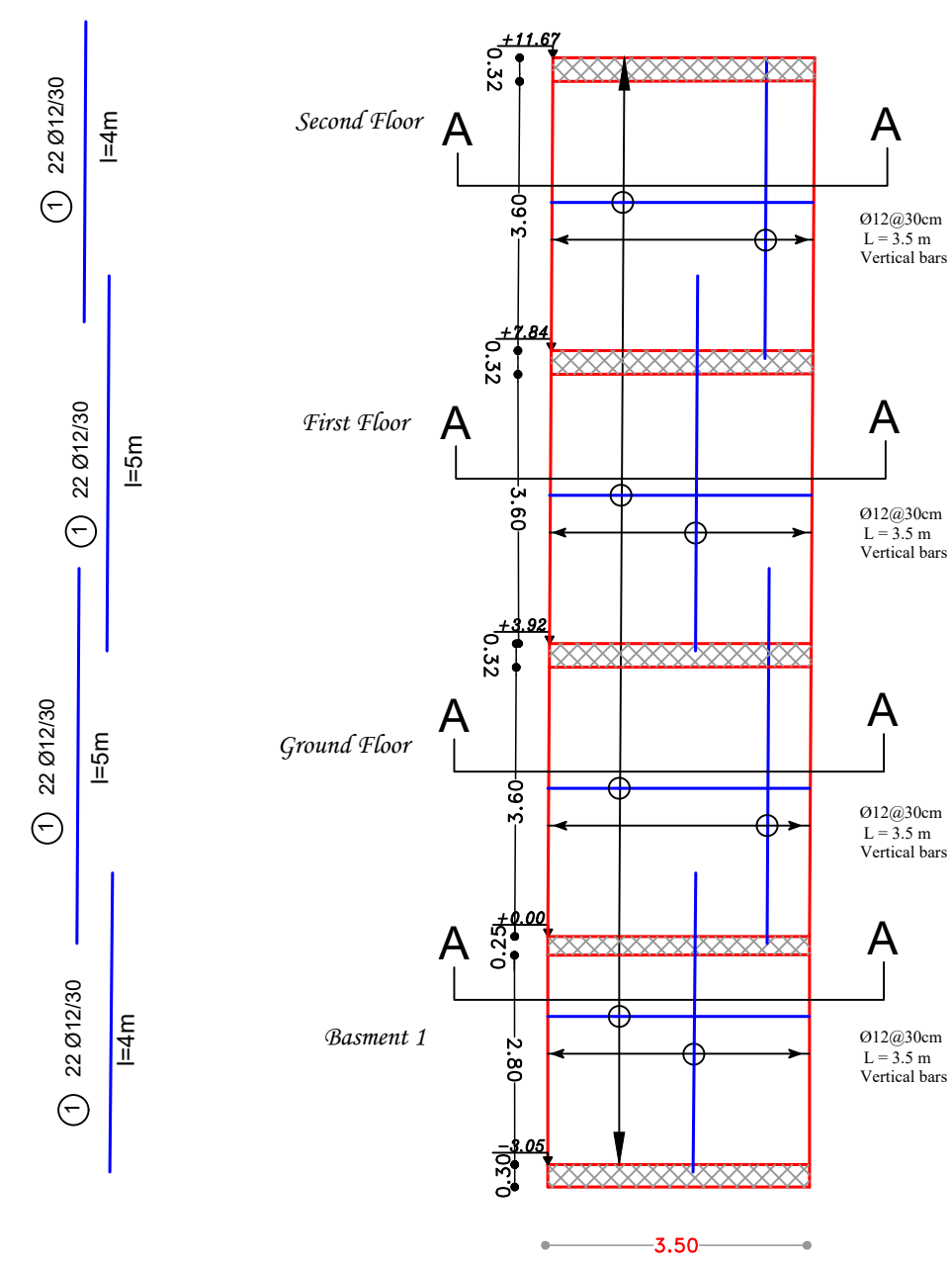
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S32	4/6

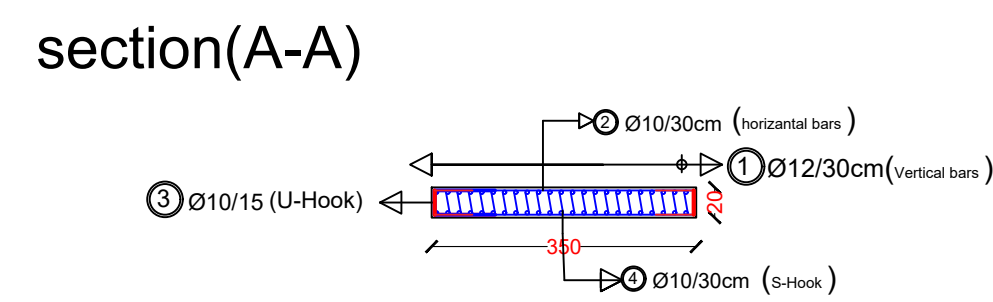
shear Wall Detailing
Scale 1\100

Shear walls 3&4

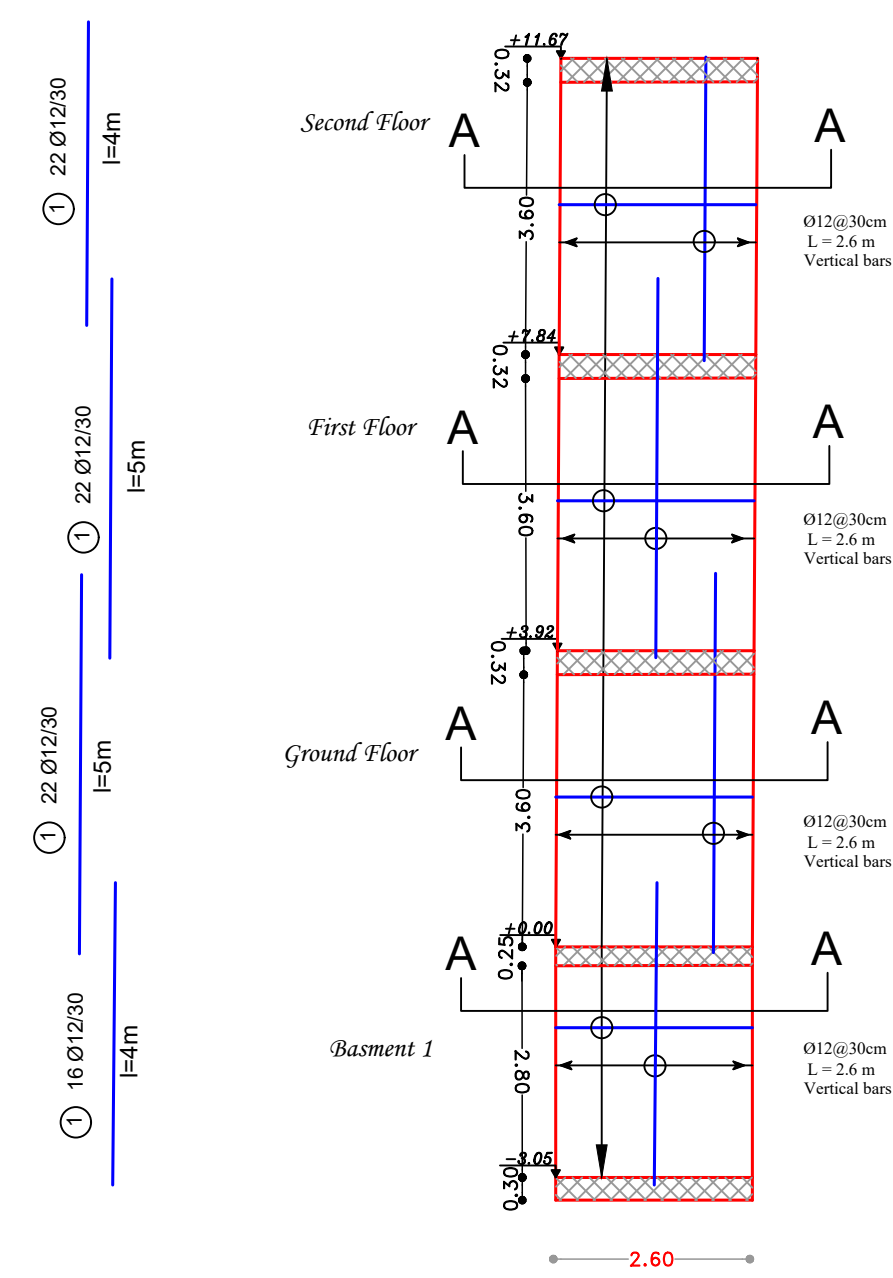
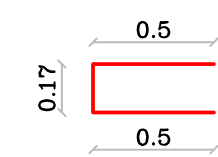


S.W3

Scale:1/100

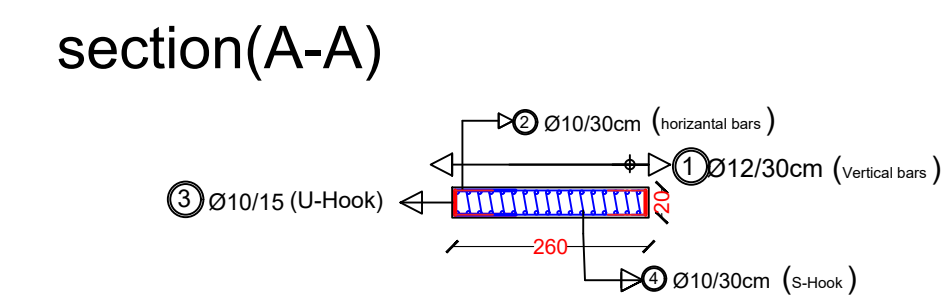


scale:1/100

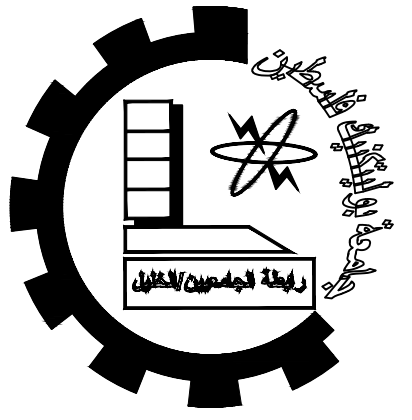
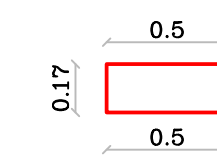


S.W4

Scale:1/100



scale:1/100



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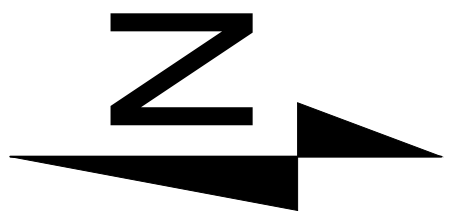
College of Engineering

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Civil Engineering

Graduation Project

Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Shear Wall Detailing

Supervisor

Dr. Nafez Nasreideen

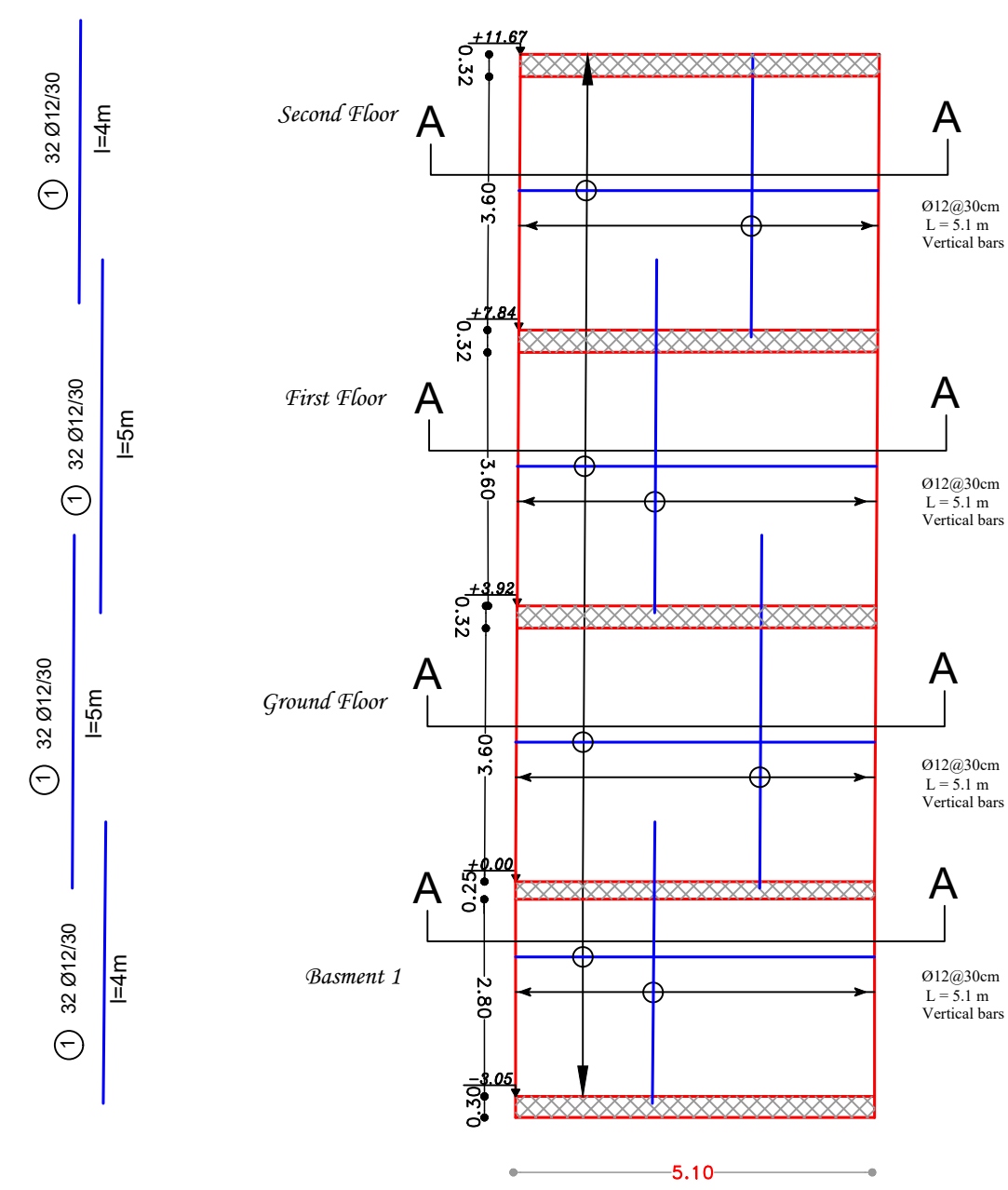
Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S33	4/6

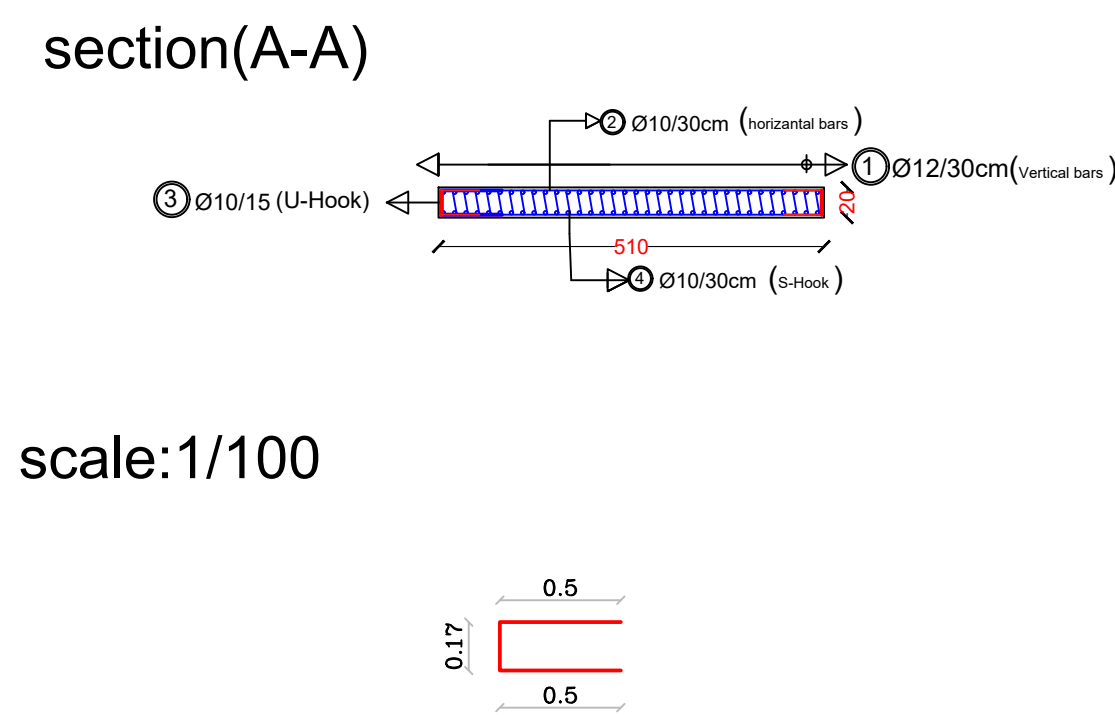
shear Wall Detailing
Scale 1\100

Shear walls 5&6

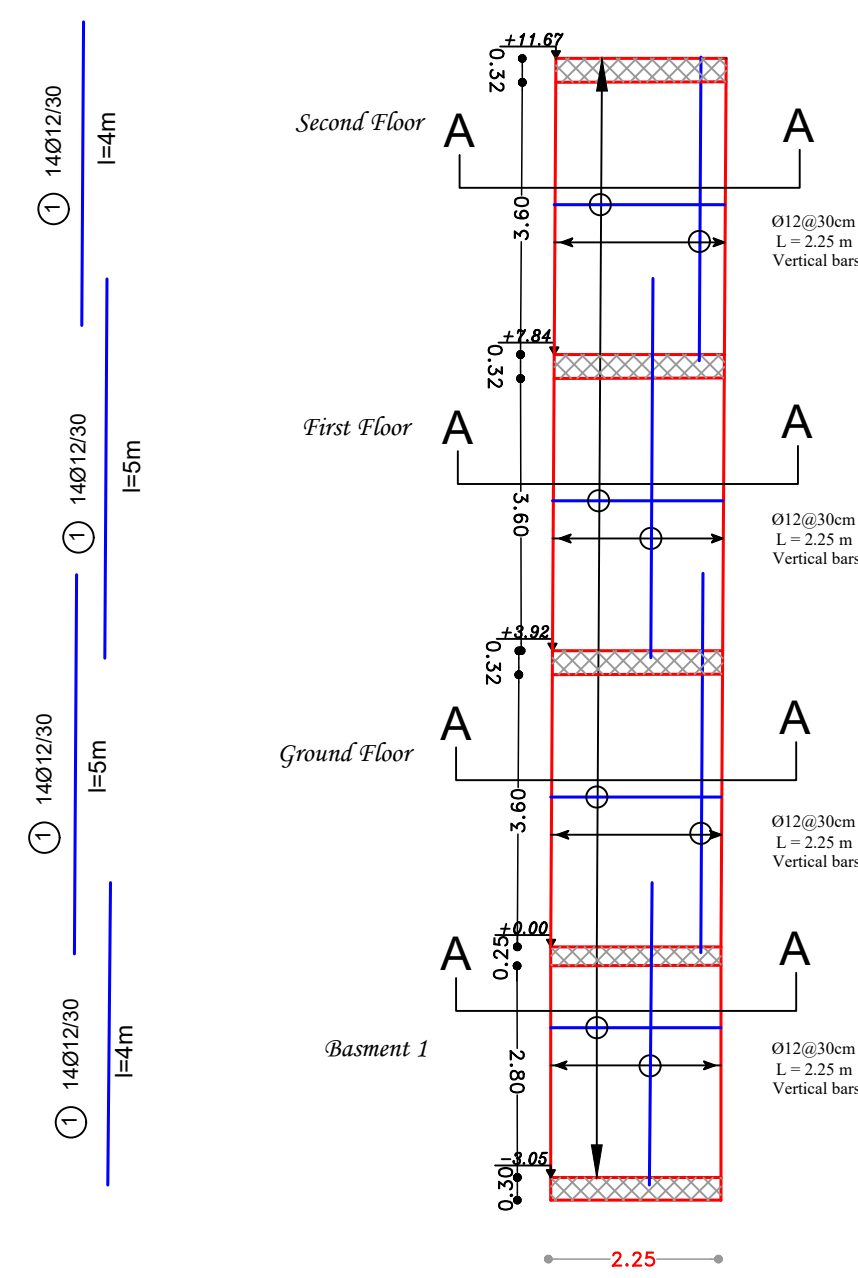


S.W5

Scale:1/100

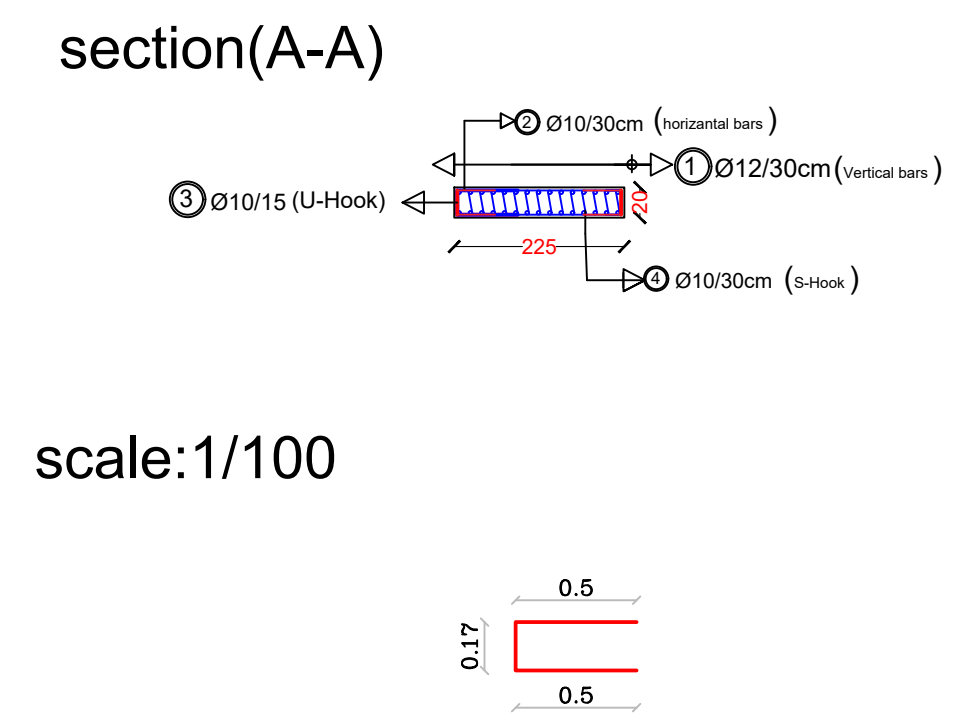


scale:1/100

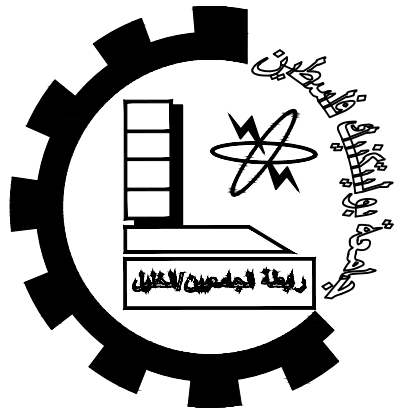


S.W6

Scale:1/100



scale:1/100



Palestine Polytechnic University

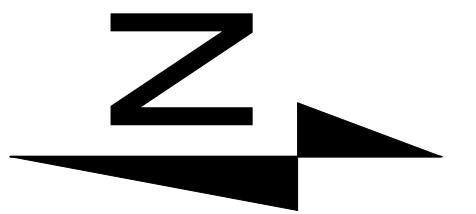
College of Engineering

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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Shear Wall Detailing

Supervisor

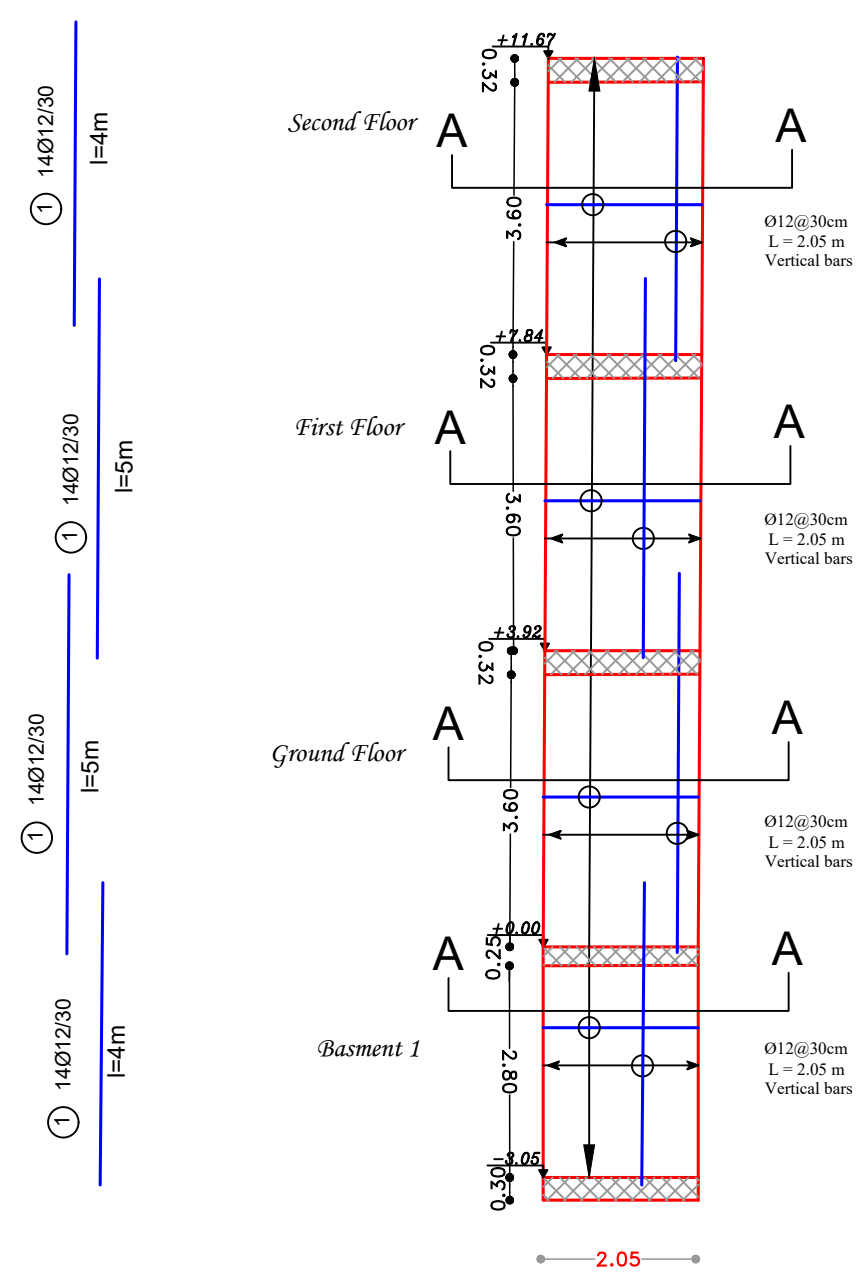
Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

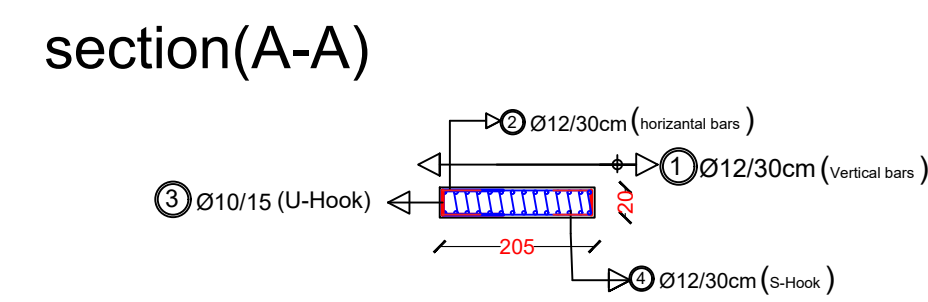
SCALE	No. of DRAW	DATE
1/100	S34	4/6

Shear walls 7&8

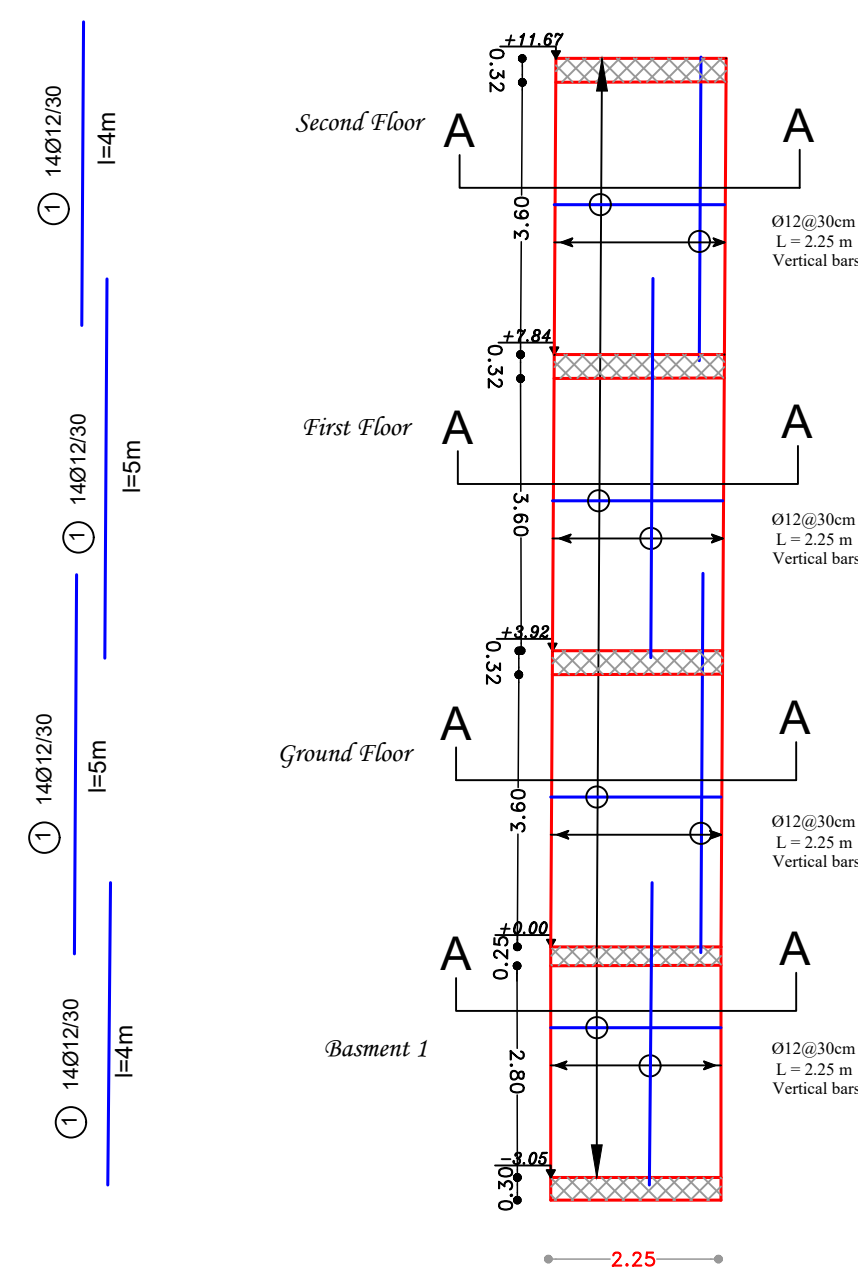
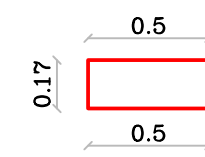


S.W7

Scale:1/100

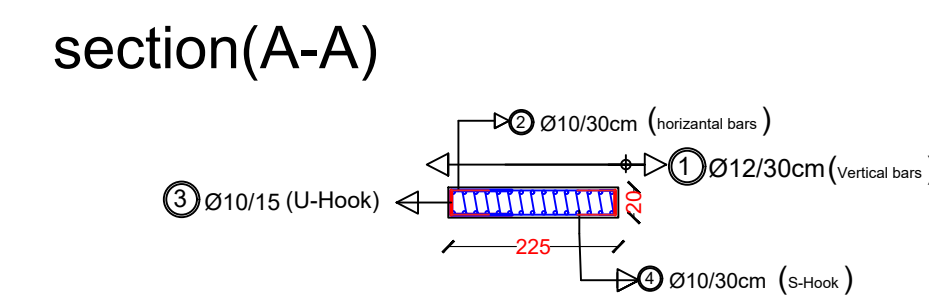


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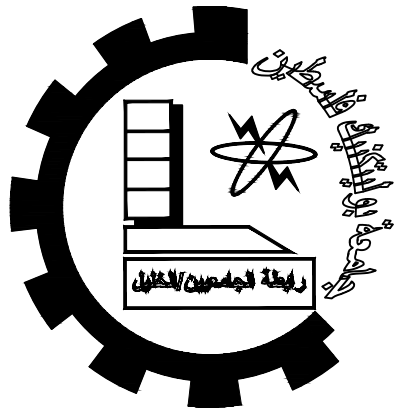
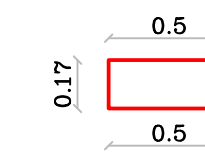


S.W8

Scale:1/100



scale:1/100



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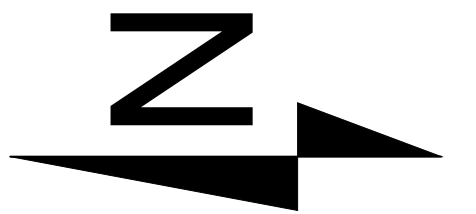
College of Engineering

Civil Engineering Department

Civil Engineering

Graduation Project

Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Shear Wall Detailing

Supervisor

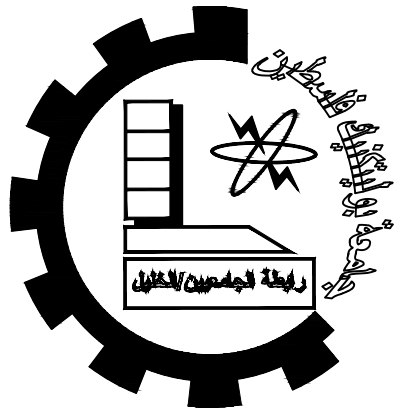
Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S35	4/6

Shear walls 9&10



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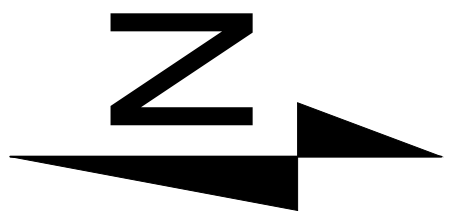
College of Engineering

Civil Engineering Department

Civil Engineering





Graduation Project

Eye Specialized Hospital



Notes:-
all levels in M
all dimension in cm

LEGEND

-  STONE
-  R.CONCRETE
-  CONCRETE
-  HOLLOW BLOCK

DRAWING TITLE :

Shear Wall Detailing

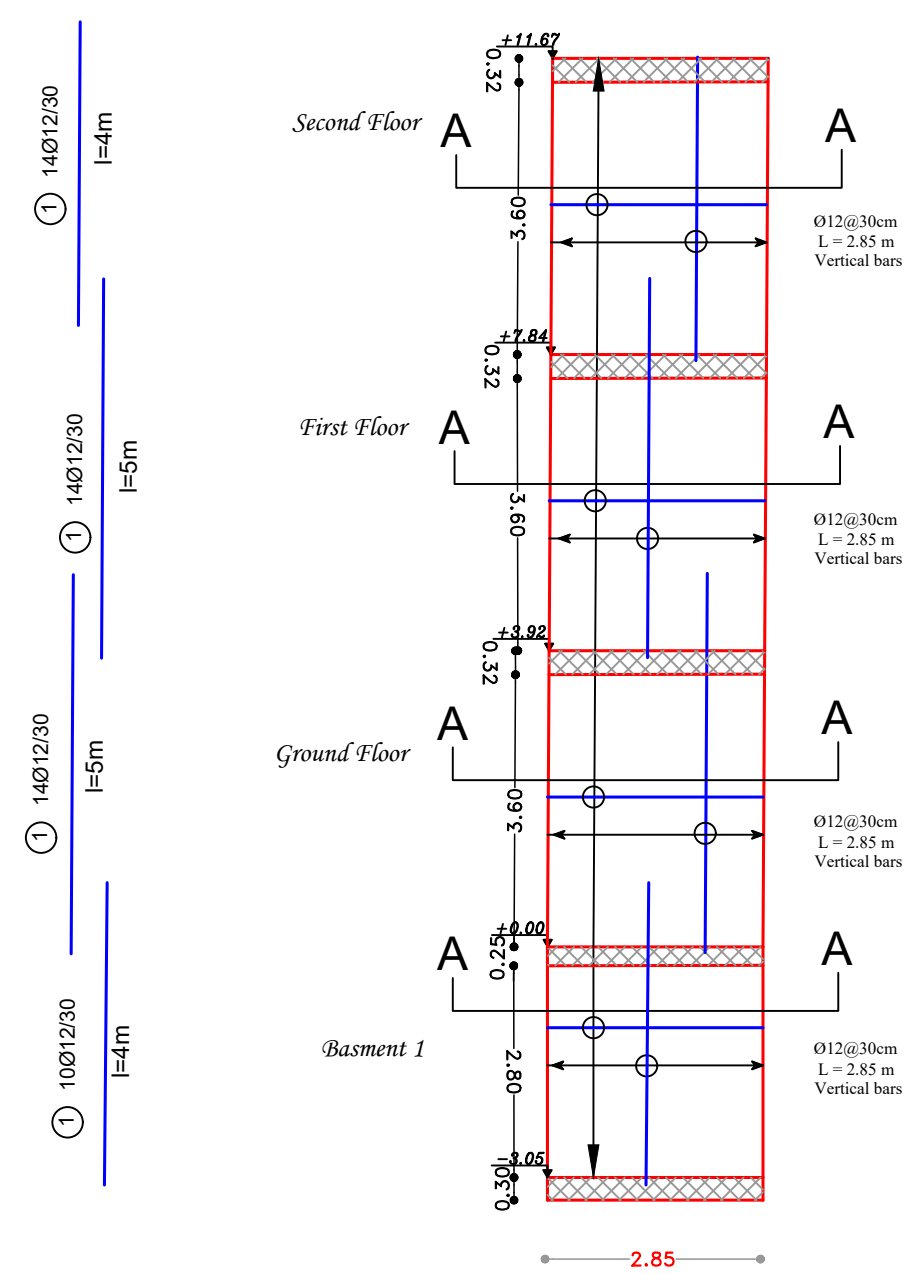
Supervisor

Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

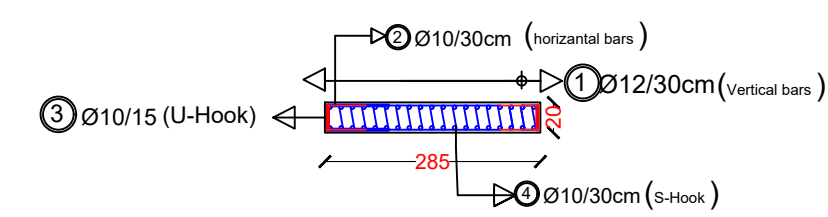
SCALE	No. of DRAW	DATE
1/100	S36	4/6



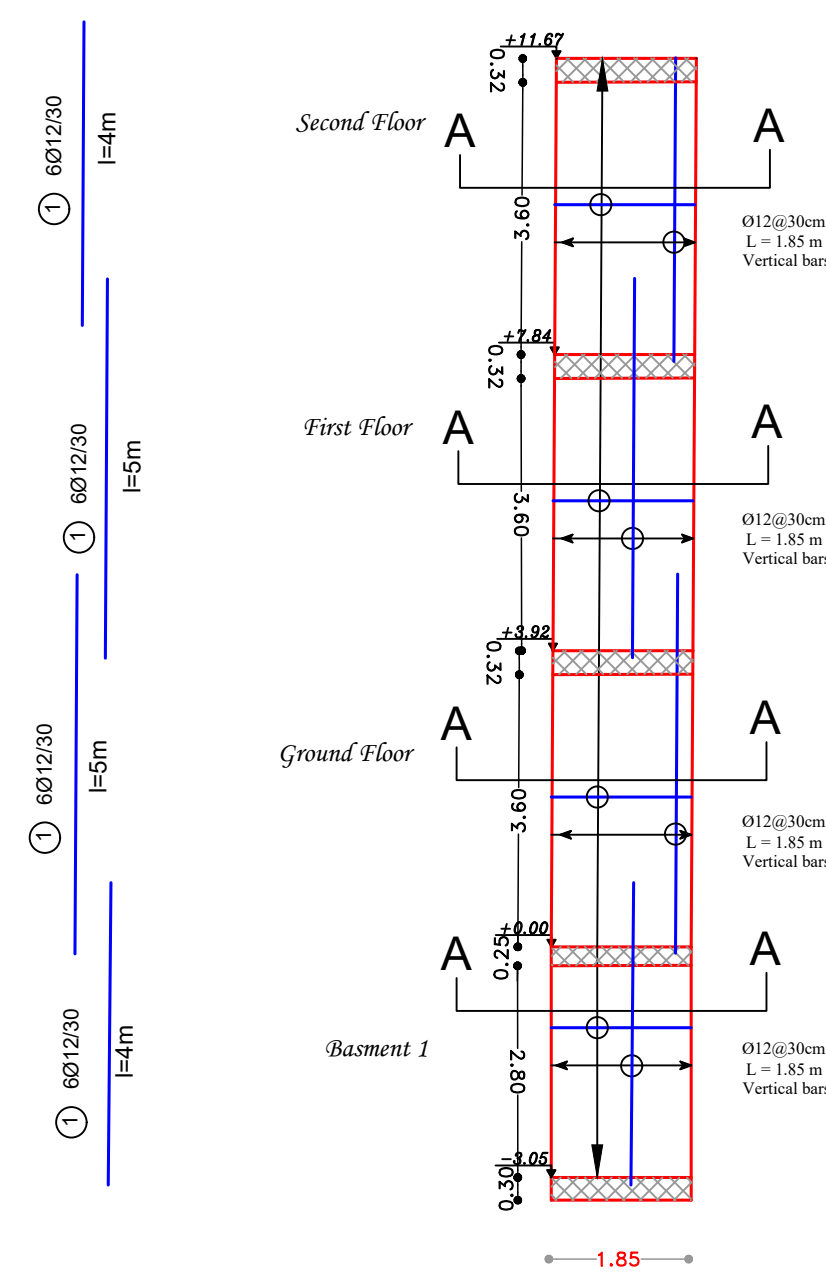
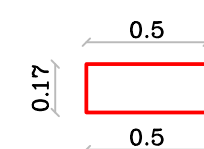
S.W9

Scale:1/100

section(A-A)



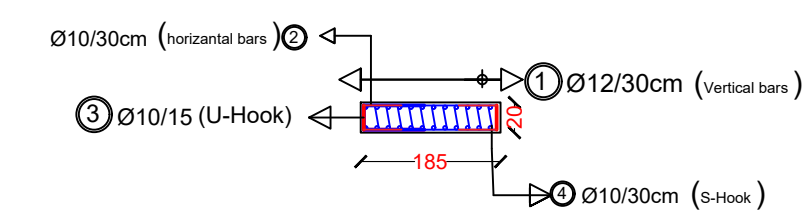
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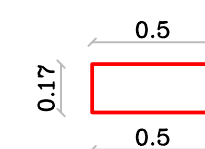
S.W10

Scale:1/100

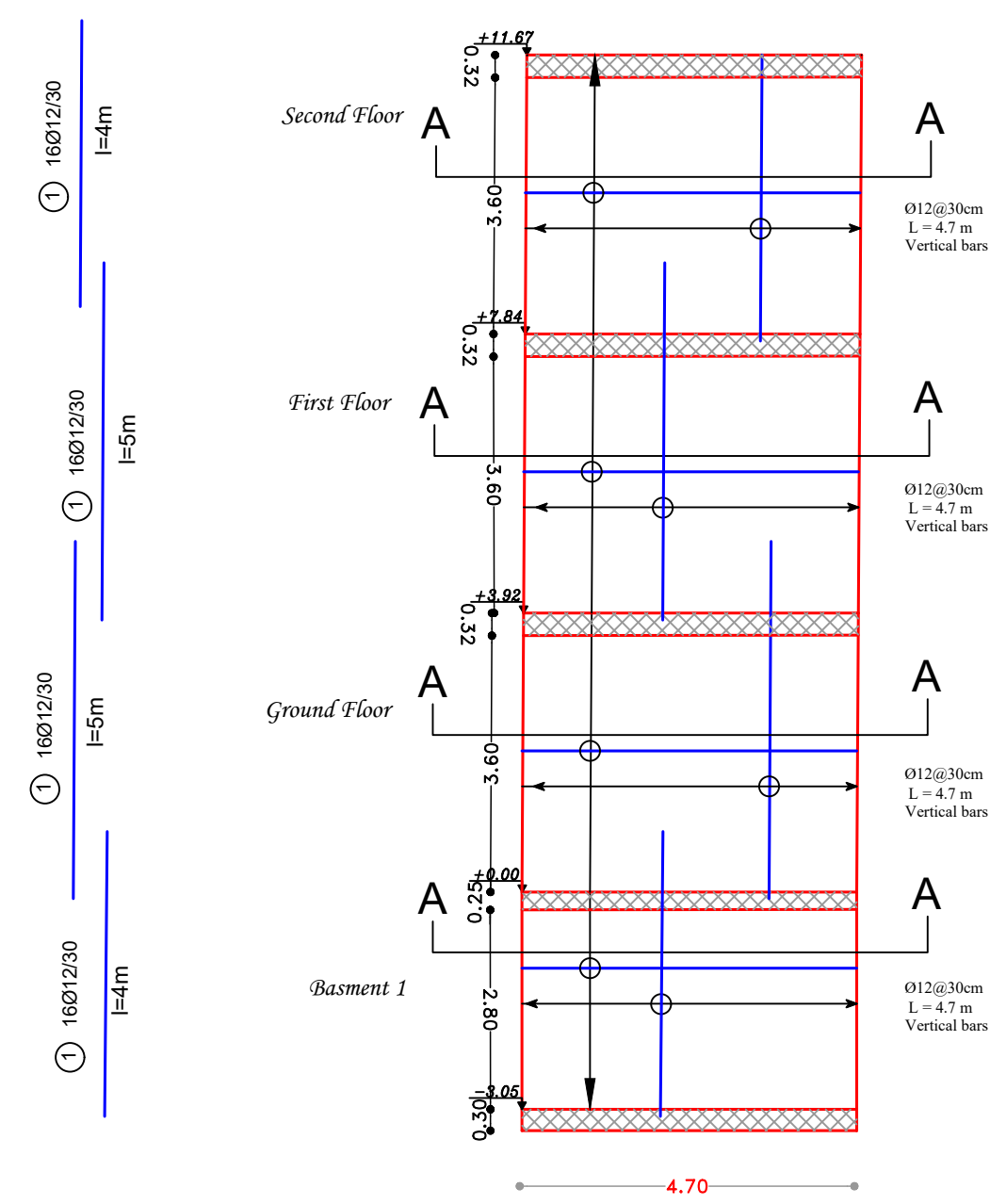
section(A-A)



scale:1/100



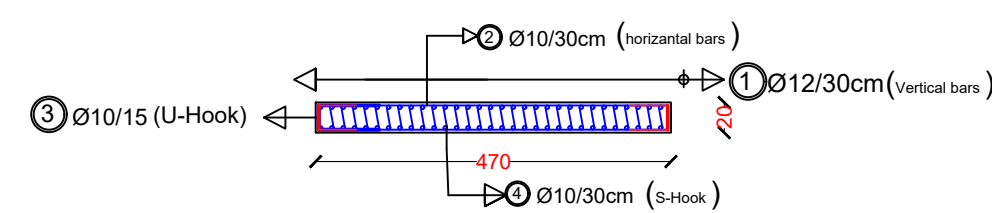
Shear walls 11&12



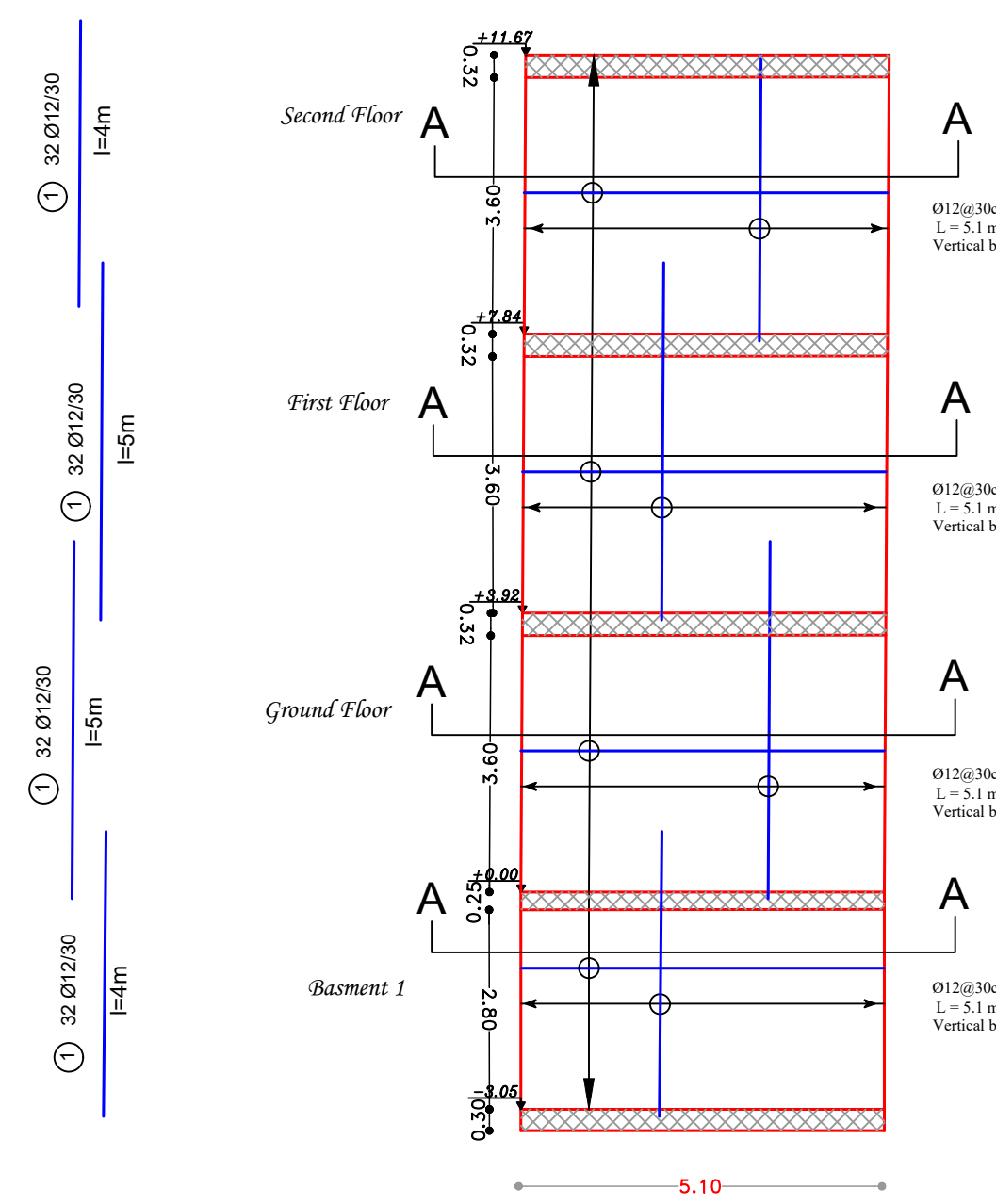
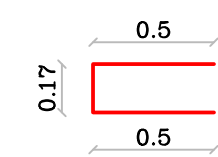
S.W11

Scale:1/100

section(A-A)



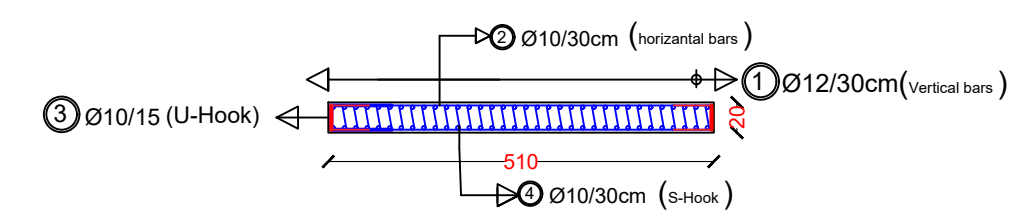
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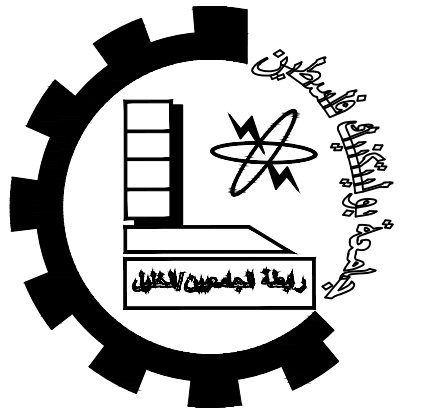
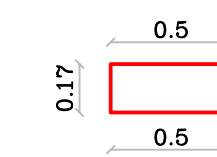
S.W12

Scale:1/100

section(A-A)



scale:1/100



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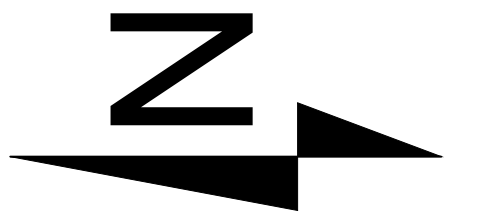
College of Engineering

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Eye Specialized Hospital



Notes:-

all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Shear Wall Detailing

Supervisor

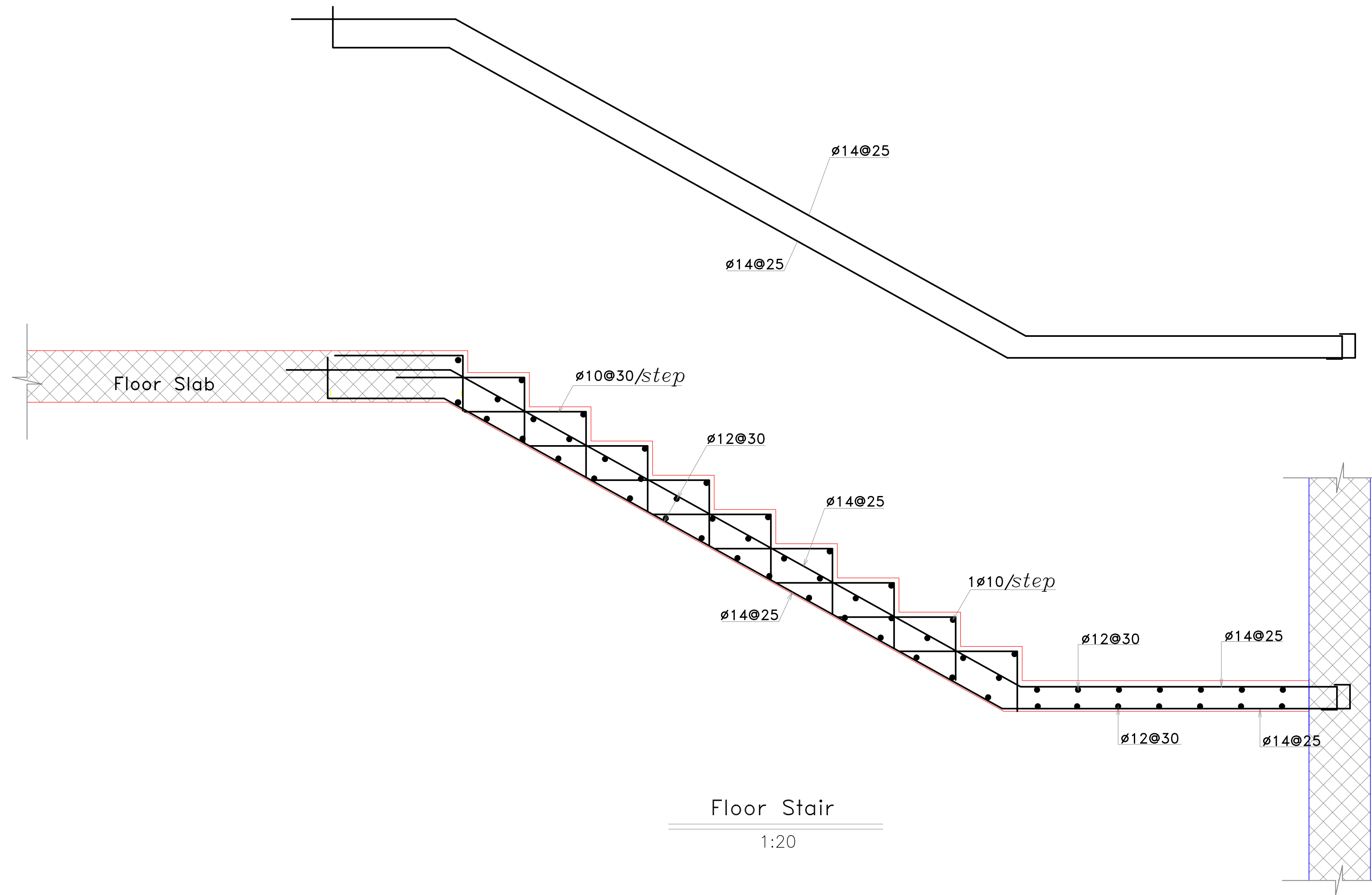
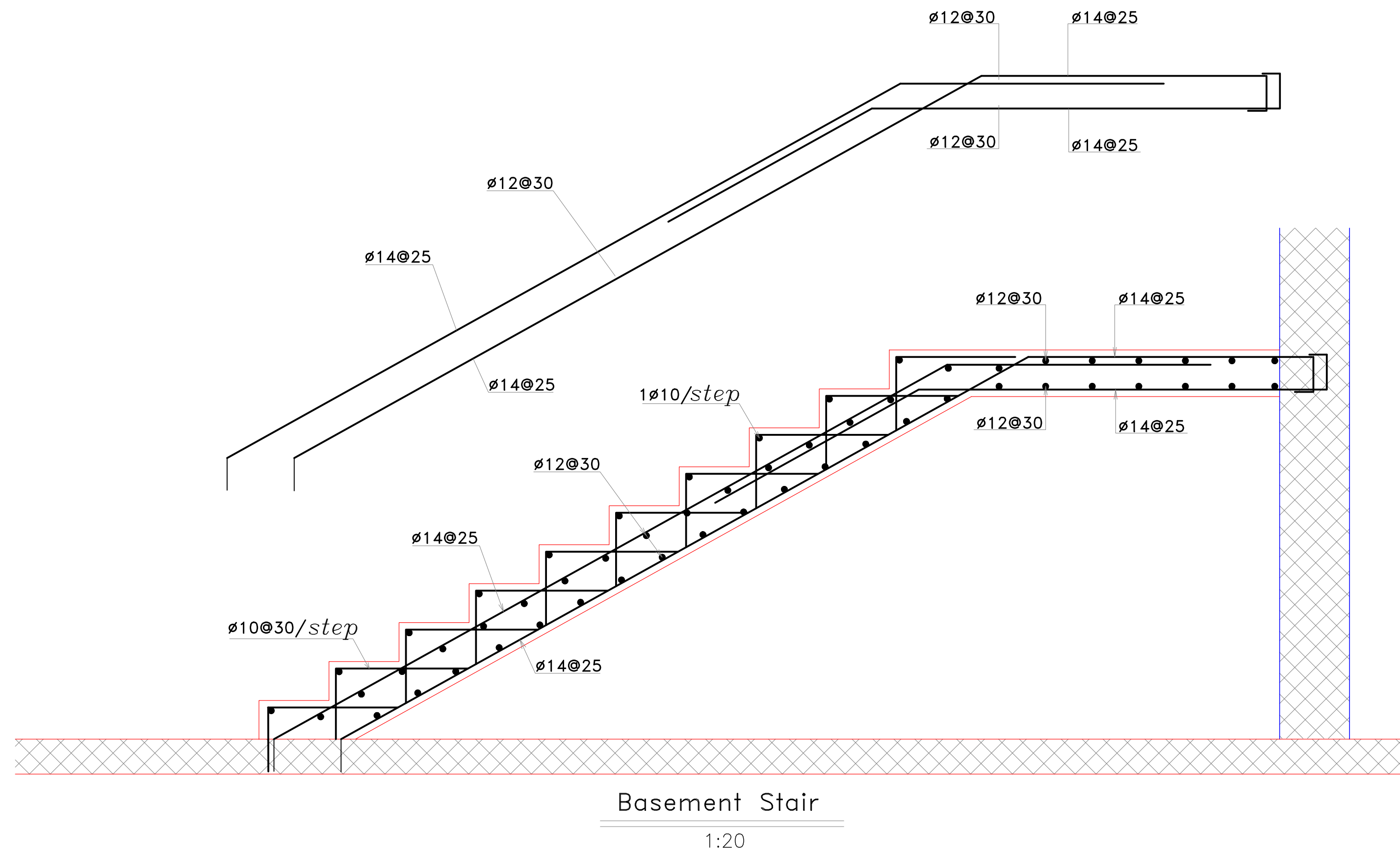
Dr. Nafez Nasreideen

Done by :

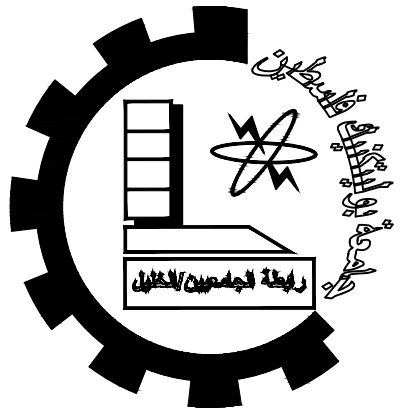
Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S37	4/6

shear Wall Detailing
Scale 1\100



Stair Details
Scale 1\100



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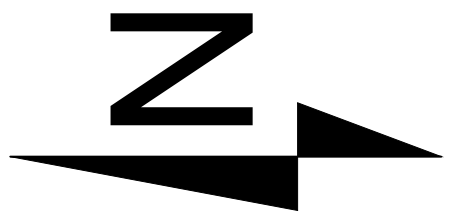
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Notes:-
all levels in M
all dimension in cm

LEGEND

- STONE
- R.CONCRETE
- CONCRETE
- HOLLOW BLOCK

DRAWING TITLE :

Stair Details

Supervisor

Dr. Nafez Nasreideen

Done by :

Bayan Srour
Rasha Shakarnah

SCALE	No. of DRAW	DATE
1/100	S38	4/6