



Palestine Polytechnic
university
Engineering college
Civil Engineering

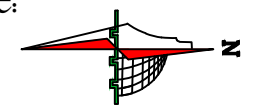
Supervisor :

Eng.Hamdi Idais

Group of work:

- Ahmad saleh
- Khaled Knatry
- Mohamed Gadir

Note:

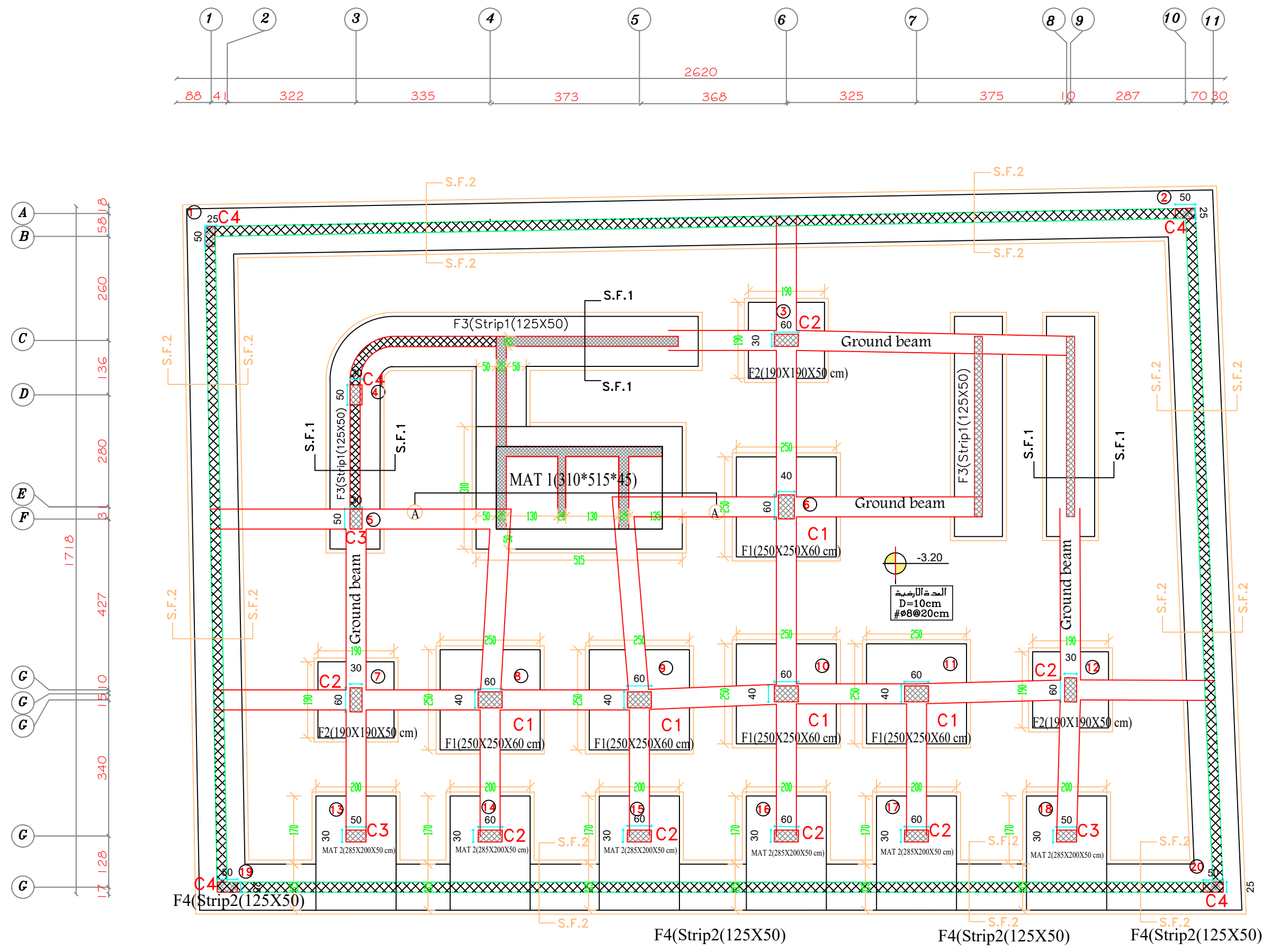


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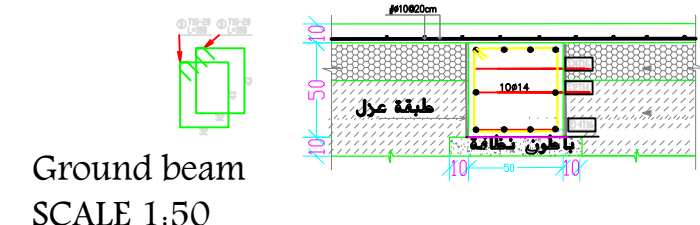
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|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

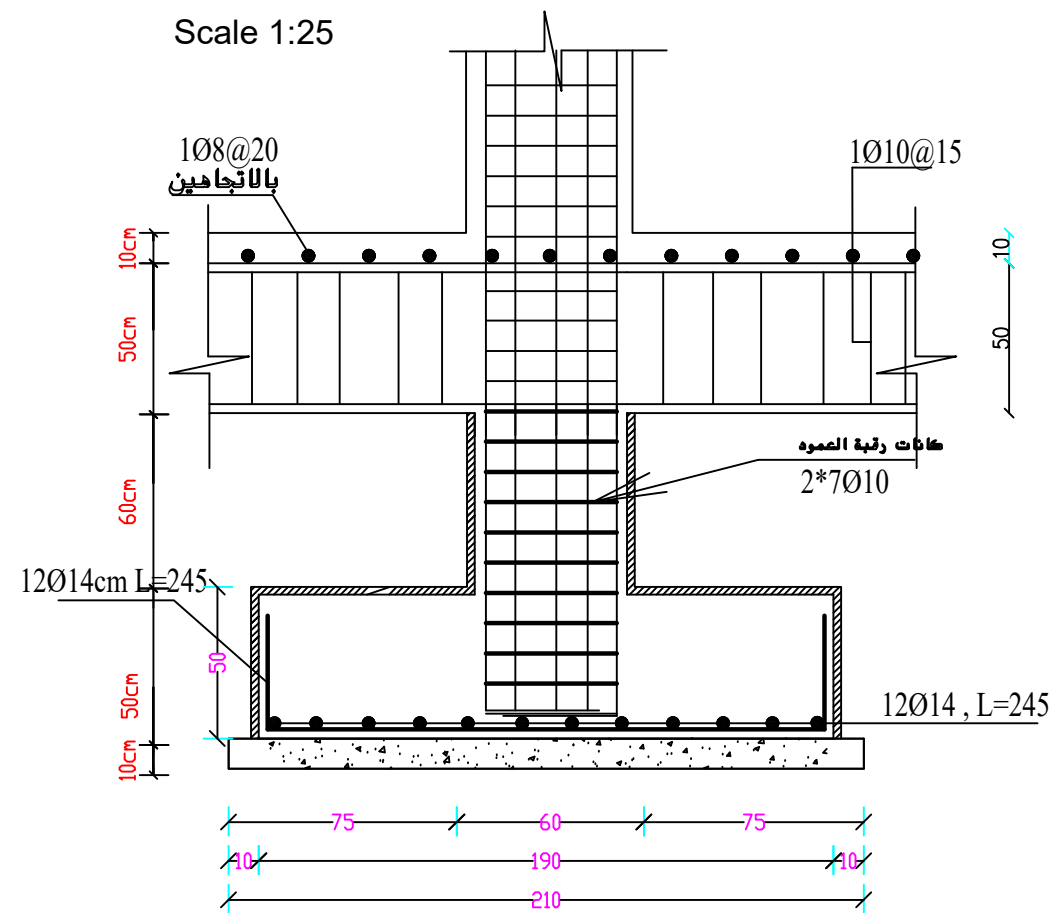
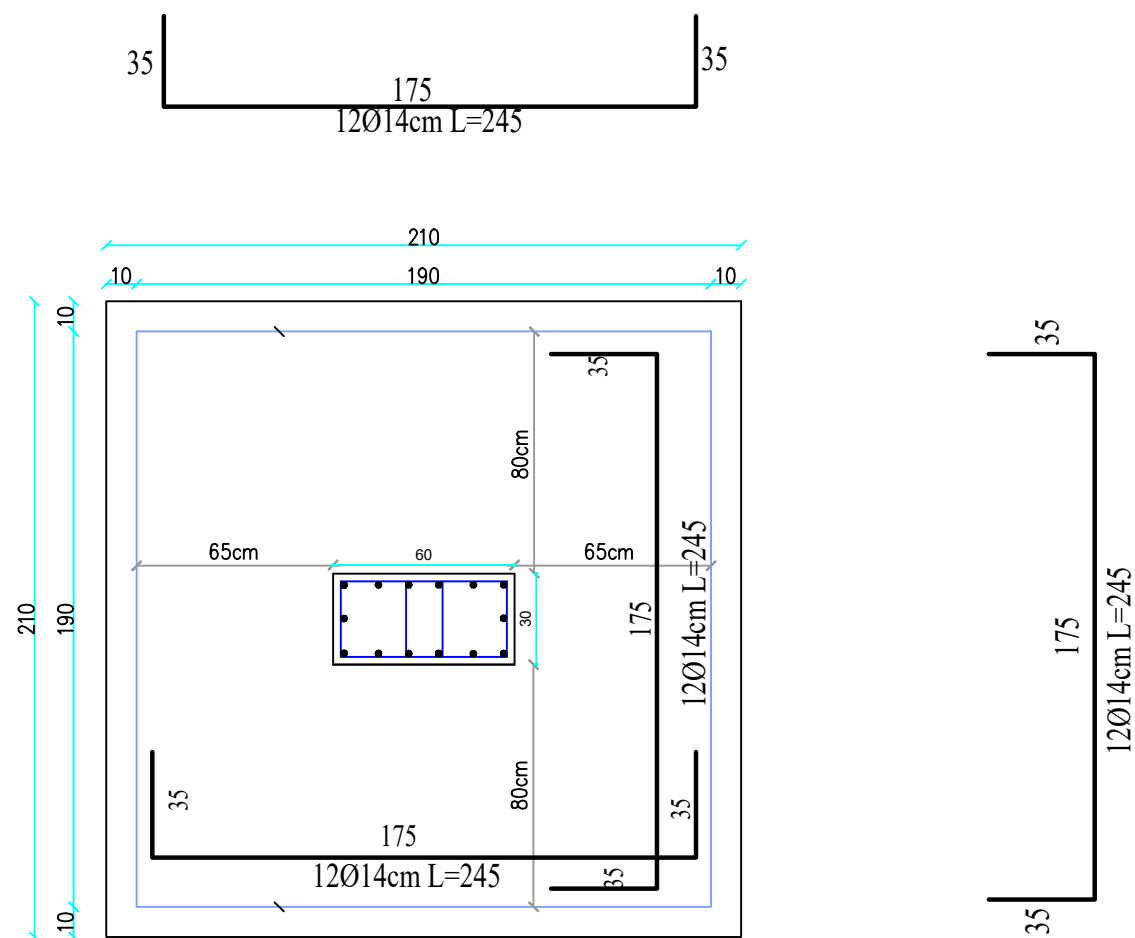
Footing Plan



300 Footing Plan



F2(190X190X50 cm)



F2(190X190X50 cm)

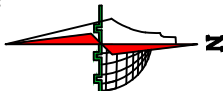
Footing Plan
S02



Palestine Polytechnic
university
Engineering college
Civil Engineering

Supervisor :
Eng.Hamdi Idais

Group of work:
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Note:


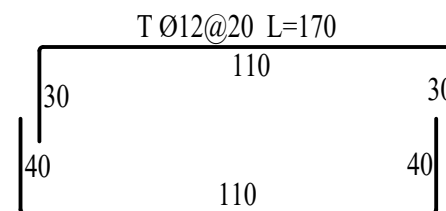
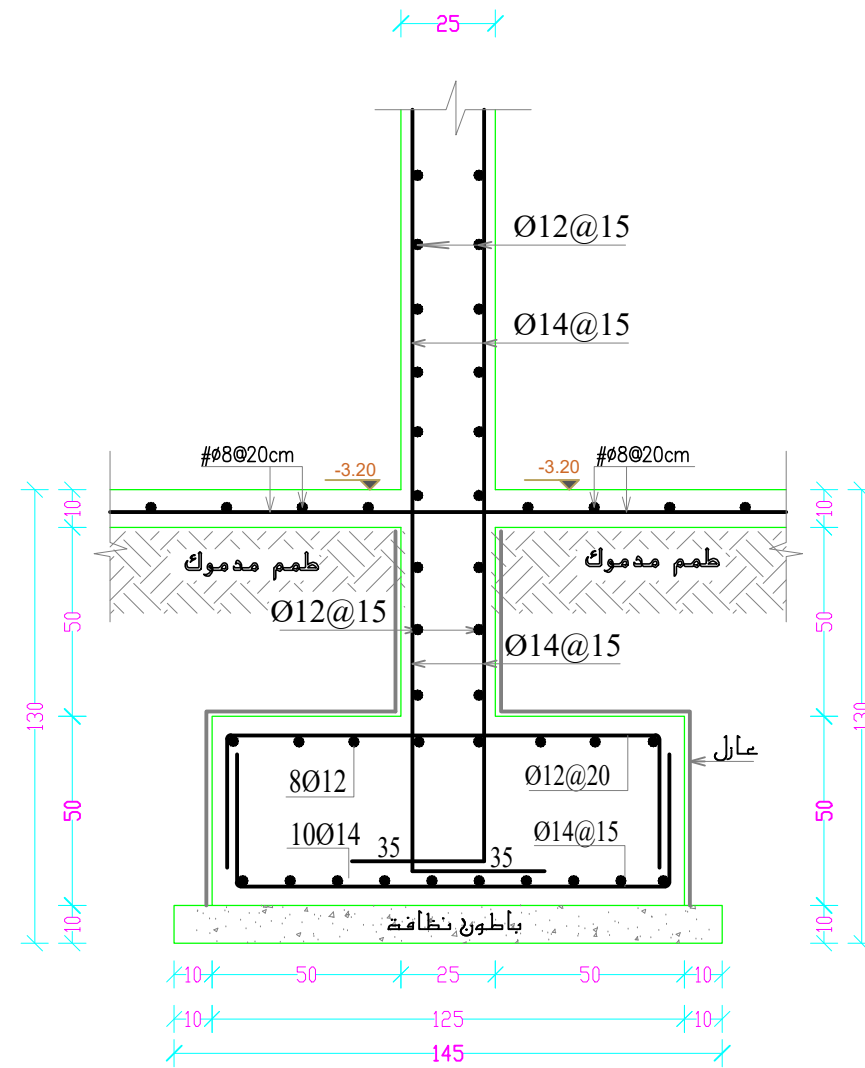
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| | | | |
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|  | BAKLAVA TILES |  | Gravel |
|  | R. Concrete |  | Wood |
|  | HEXAGONAL TILES |  | Concrete |
|  | Hollow Block |  | Stone |
|  | isolating materiales |  | GRASS |

Scale 1/100

Isolated Footing

F3(Strip1(125X50))



F3 (Strip1 (125X50))
(1-1) مقطع

1:20

Footing Plan

S 03



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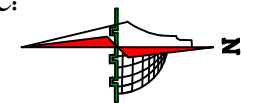
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- Mohamed Gadir

Note:



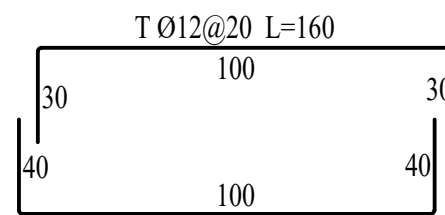
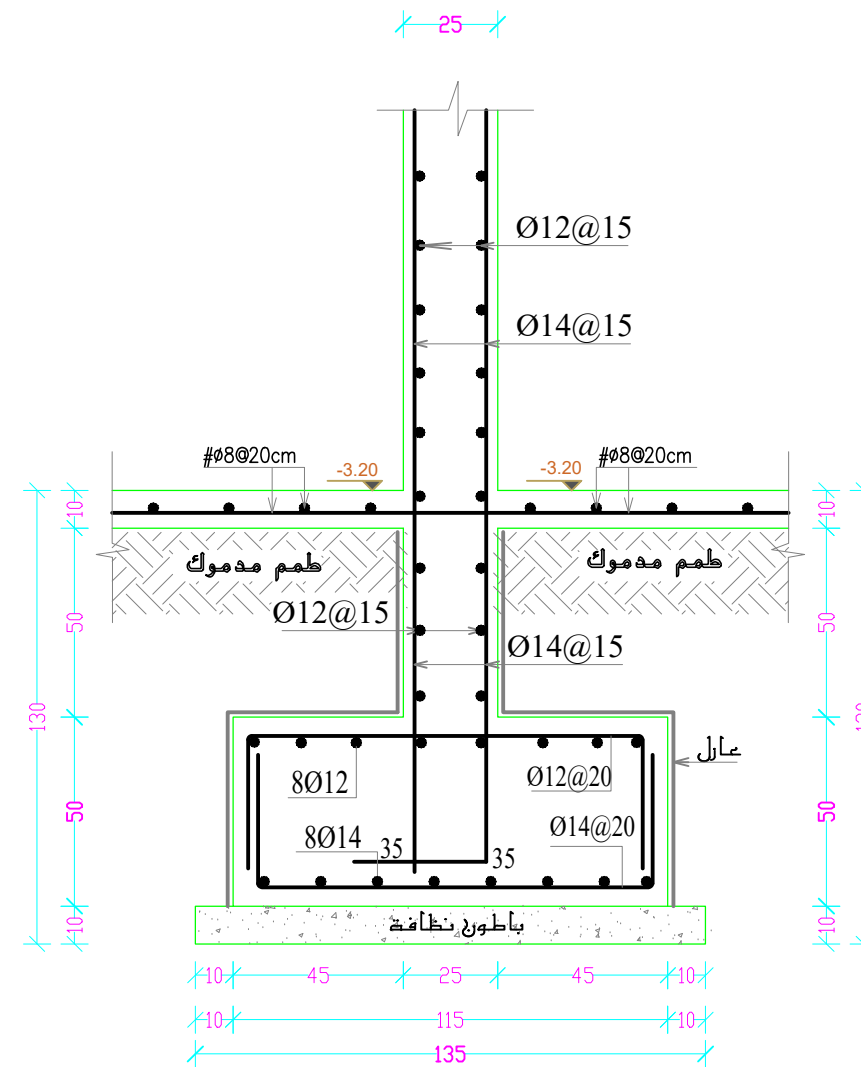
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| | BAKLAVA TILES | | Gravel |
| | R.Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

Strip Footing

F4(Strip2(125X50))



F3 (Strip1 (125X50))
 مقطعة (1-1)
 1:20

Footing Plan
 304



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 Civil Engineering

Supervisor :
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 ● Mohamed Gadir

Note:

Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

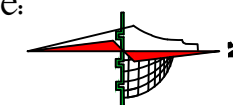


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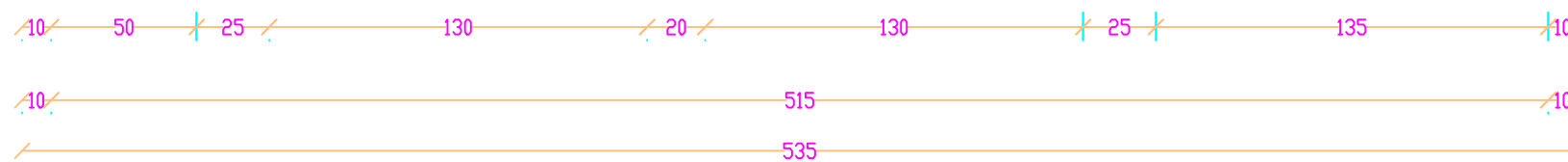
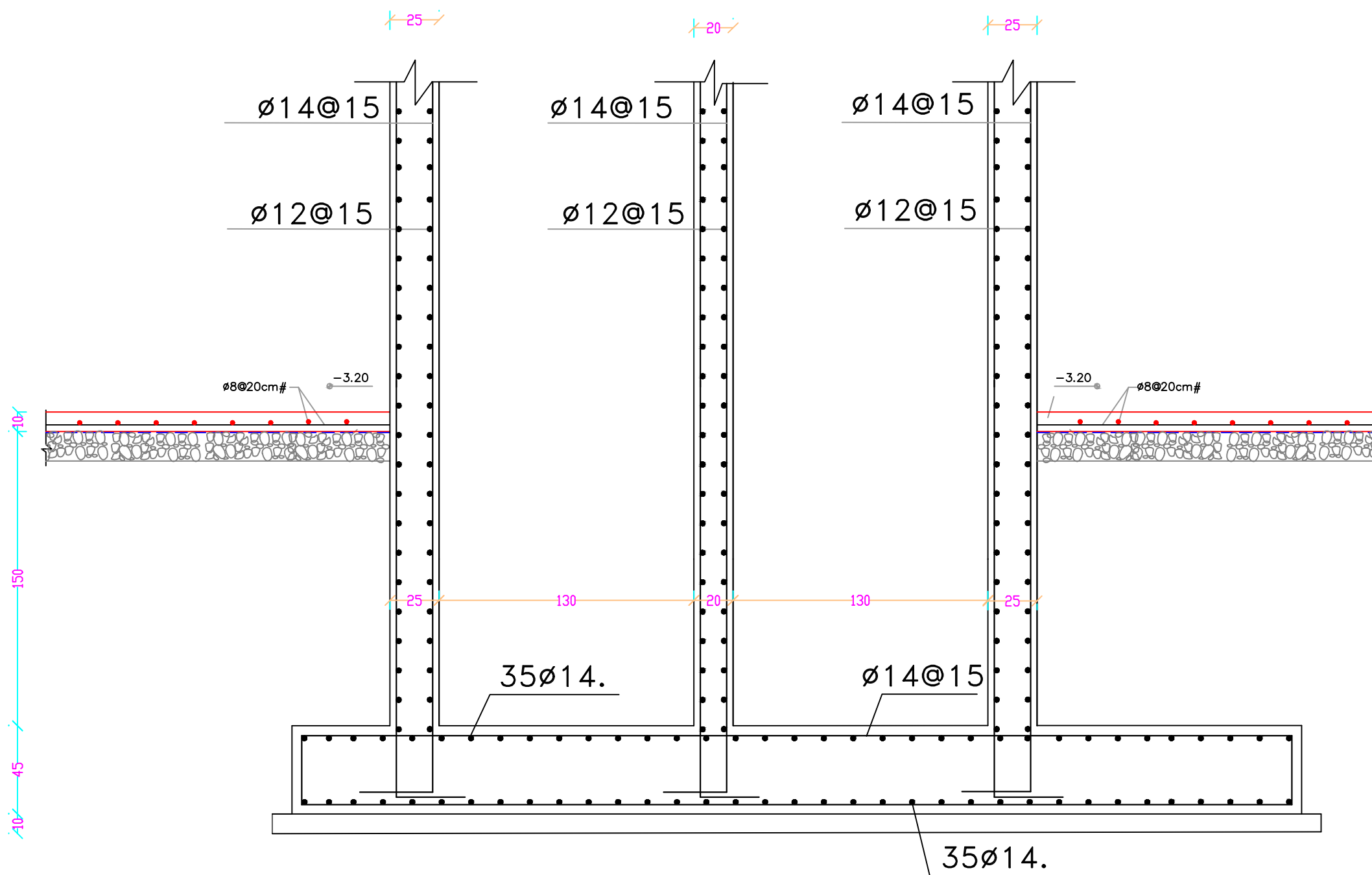


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| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

Mat Footing



section A-A
MAT 1(310*515*45)

1:25

Footing Plan

S 05

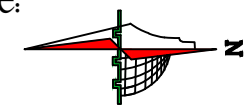


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Note:

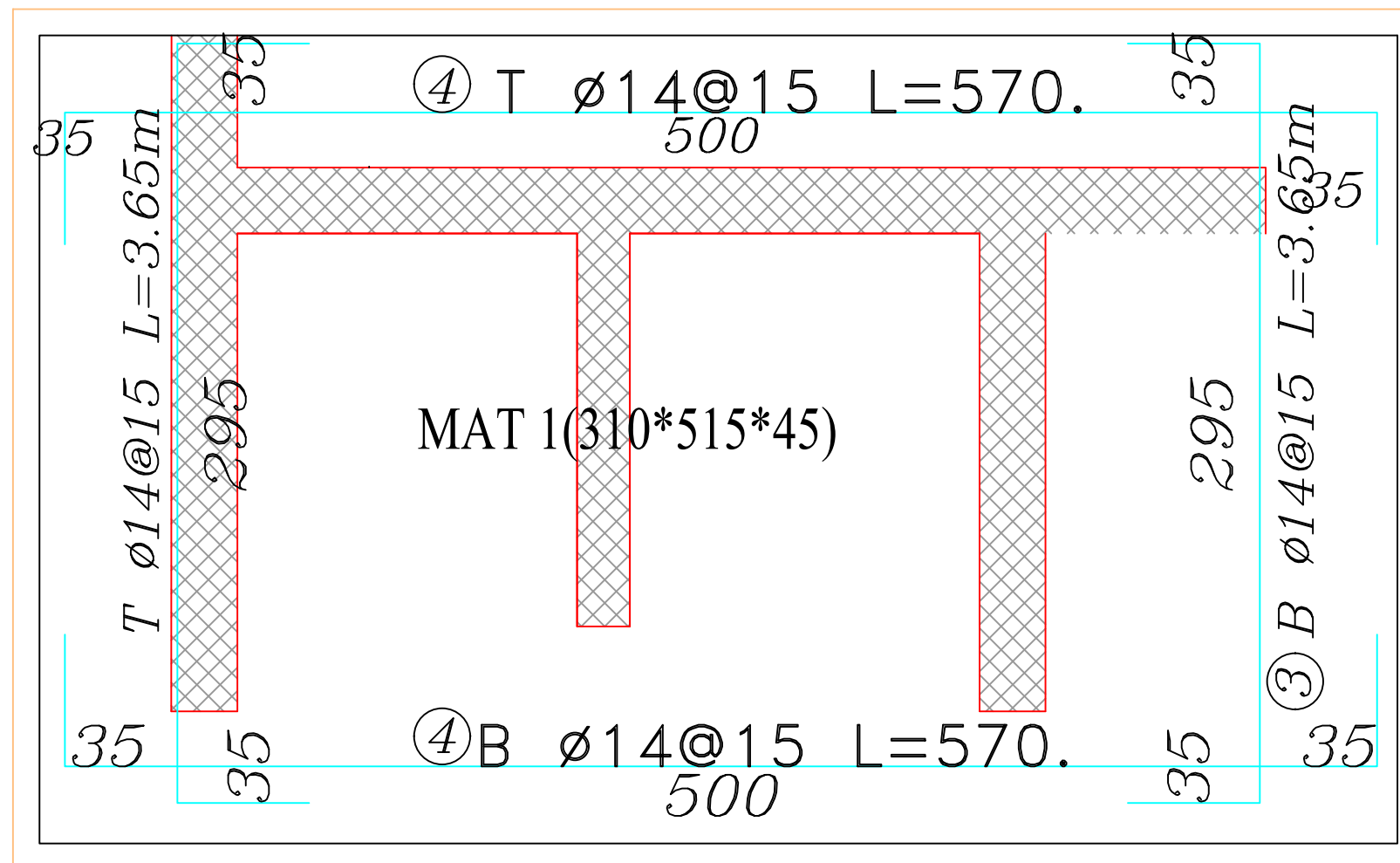


Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

Scale 1/100

Mat Footing



MAT 1(310*515*50)

Footing Plan

1:25

S 06

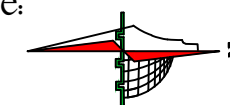


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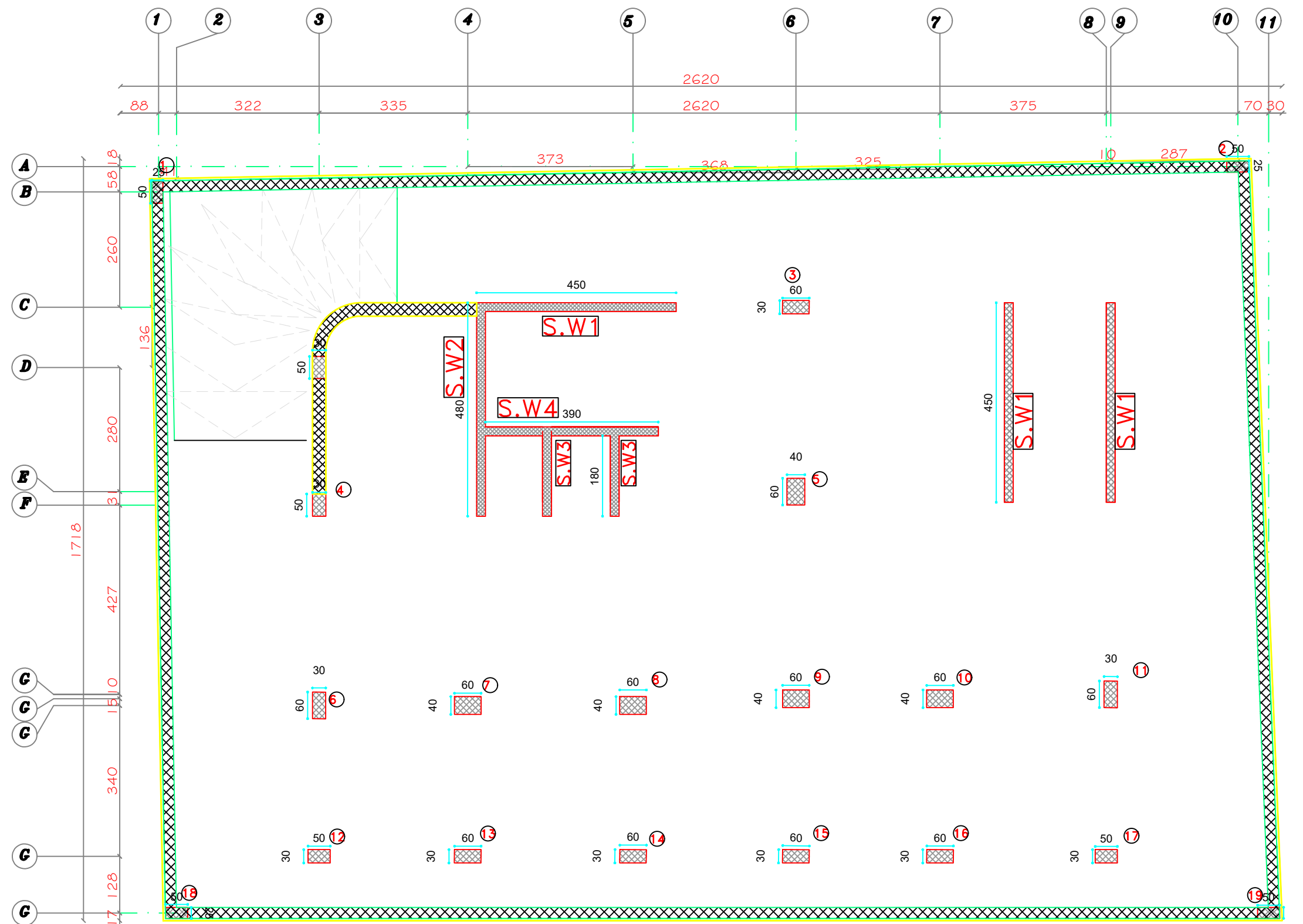


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| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

Coulmns Plan



Coulmns Plan
S 07



جدول الأعمدة

| الاحمال | نوع البيطون | الكانات | الأبعاد | القضبان | رقم العمود |
|------------------------------|-------------|---------|---------|--------------|-----------------|
| PU=2700 DI=1650 LL=450 | B300 | | | 14 ϕ 18 | C1 1700-2700 |
| PU=1700 DI=1050 LL=280 | B300 | | | 14 ϕ 18 | C2 1000-1700 |
| PU=1000 DI=635 LL=150 | B300 | | | 12 ϕ 16 | C3 600-1000 |
| PU=600 DI=380 LL=90 | B300 | | | 12 ϕ 14 | C4 0-600 |

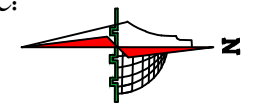
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Note:



Legend :

| | | | |
|--|----------------------|--|----------|
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| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

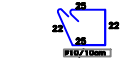
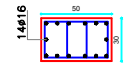
Column Detalis

Column Detalis

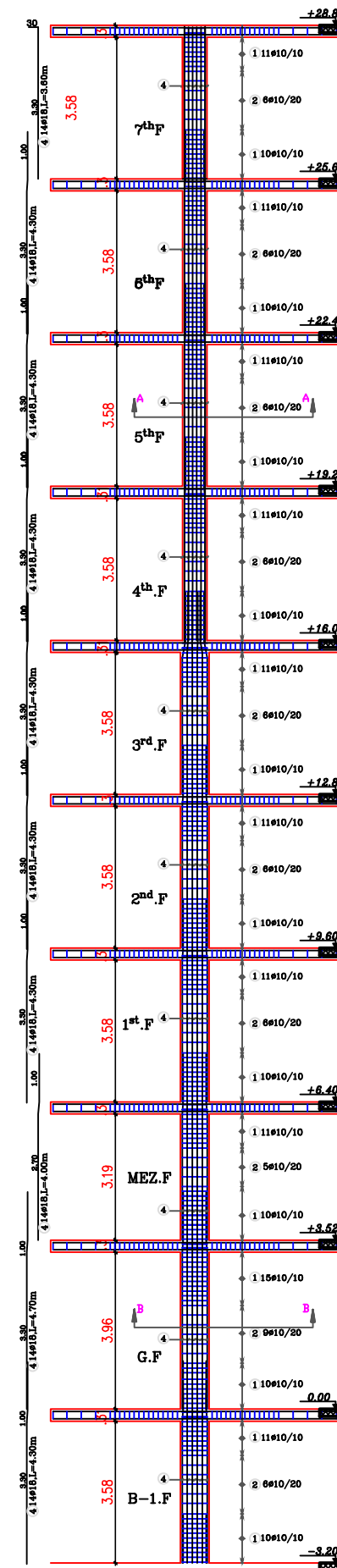
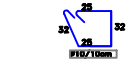
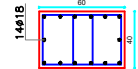
S08

Column detailing C1

Section A-A



Section B-B



Column Details

S 09

1:150



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Civil Engineering

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Note:

Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

Scale 1/100

Column Details



Palestine Polytechnic
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Engineering college
Civil Engineering

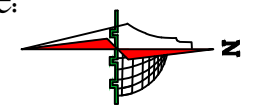
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Note:



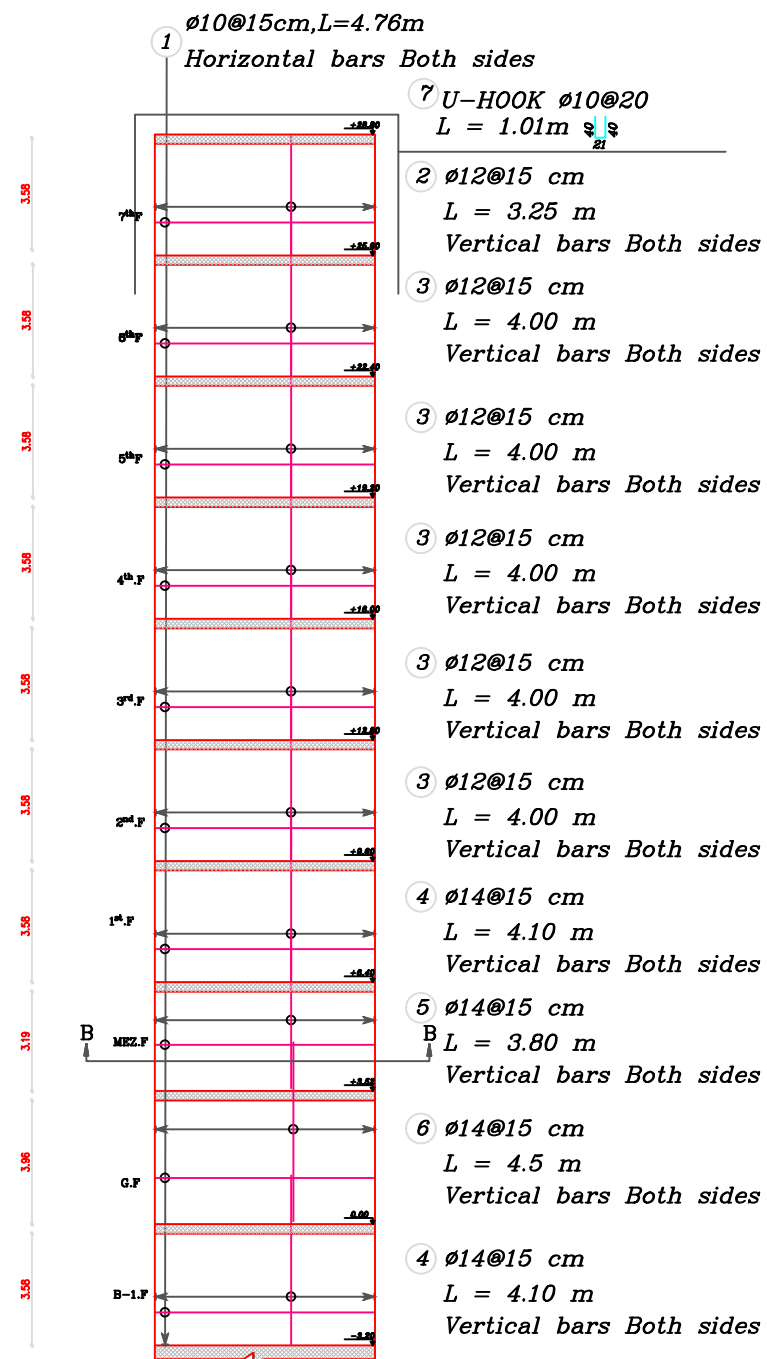
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| | R.Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

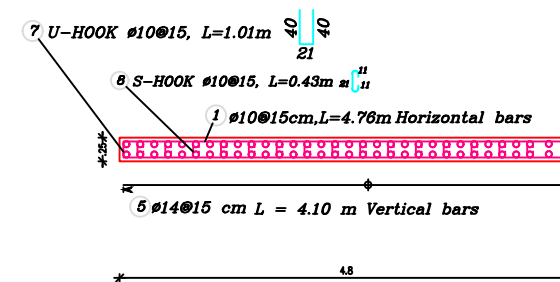
SHEAR WALL Detalis

S.W.2



1:200

Section A-A



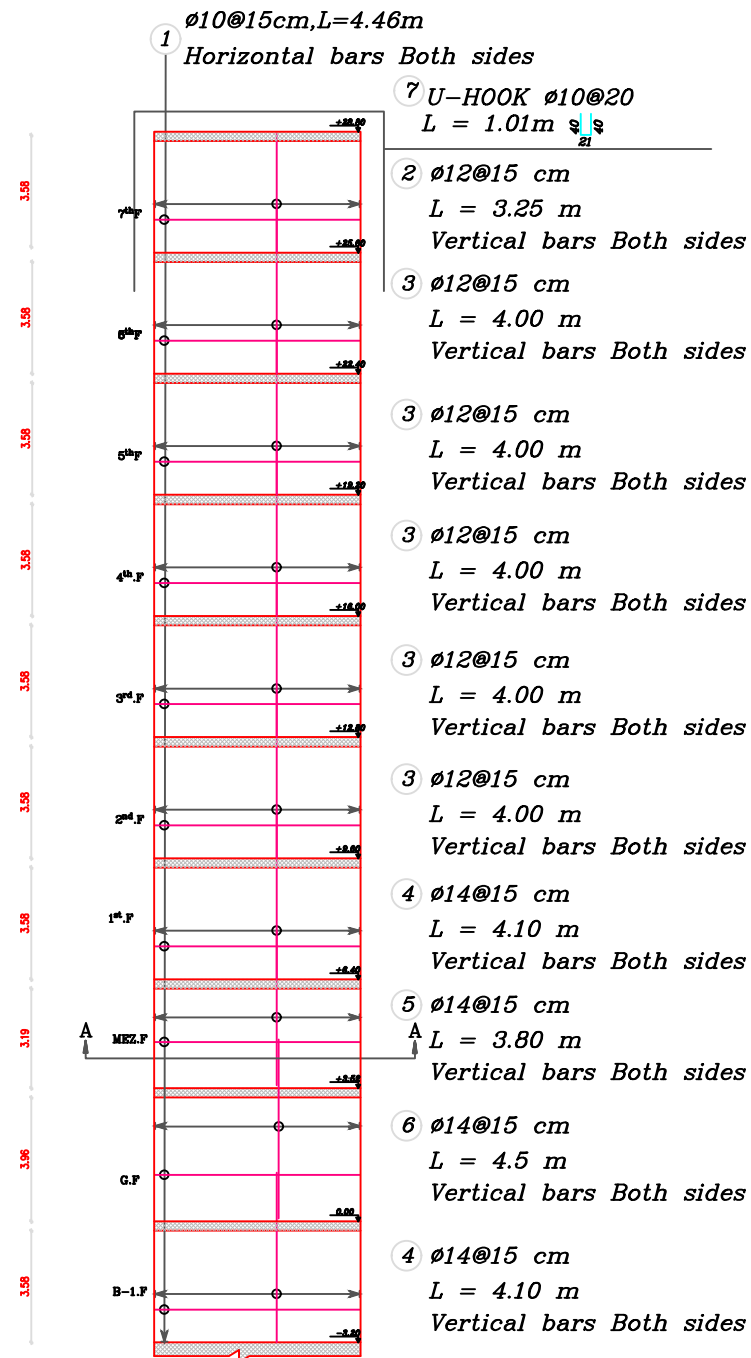
S.W.2

SCALE 1:20

SHEAR WALL Detalis

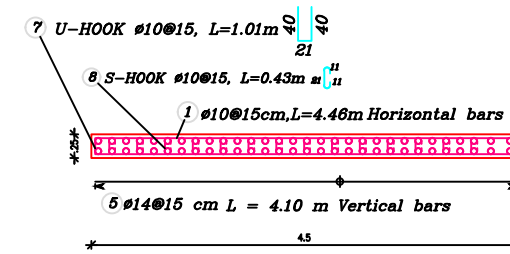
S 10

S.W.1



1:200

Section B-B



S.W.1
SCALE 1:20



Palestine Polytechnic
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Civil Engineering

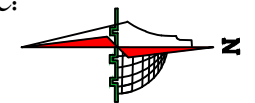
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- Mohamed Gadir

Note:



Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R.Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

SHEAR WALL Detalis

SHEAR WALL Detalis

S 11



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Civil Engineering

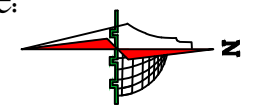
Supervisor :

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Group of work:

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Note:



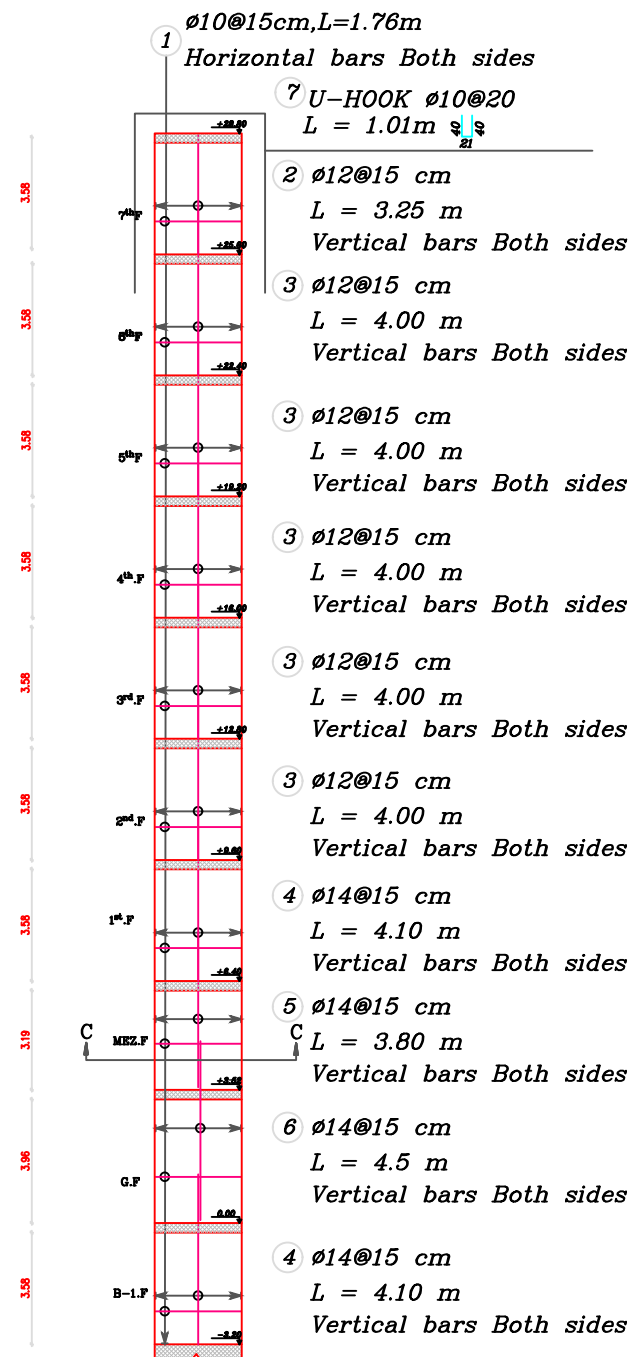
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| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

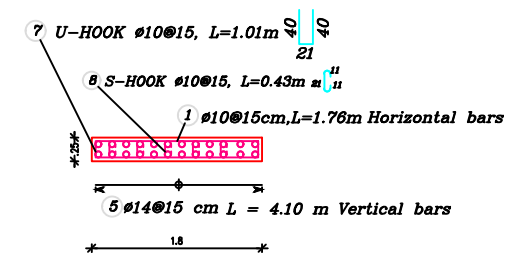
Scale 1/100

SHEAR WALL Detalis

S.W.3



Section C-C

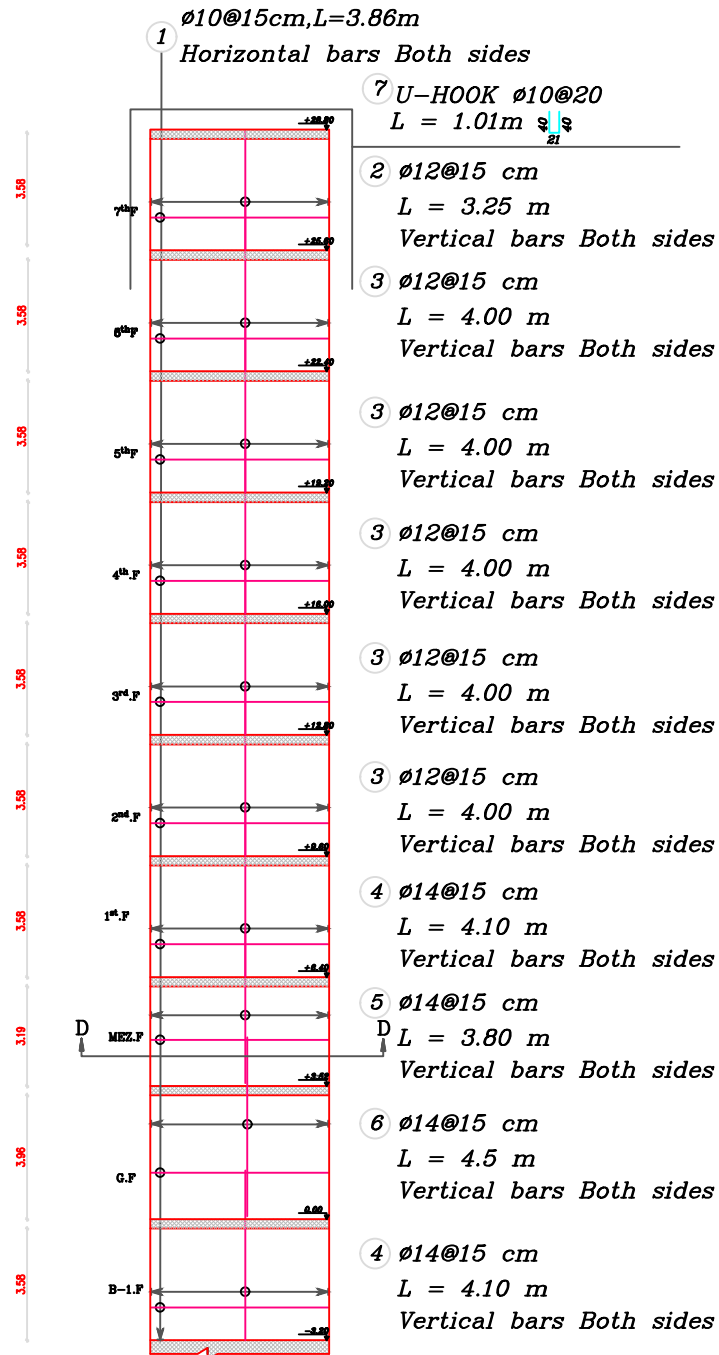


S.W.3
SCALE 1:20

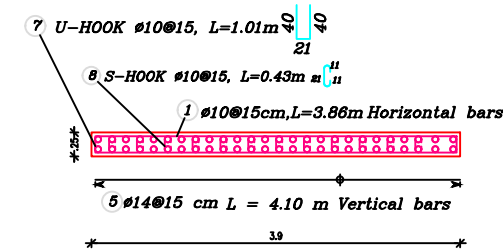
SHEAR WALL Detalis

S 12

S.W.4



Section D-D



S.W.4
SCALE 1:20



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Civil Engineering

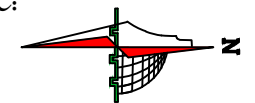
Supervisor :

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Note:



Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

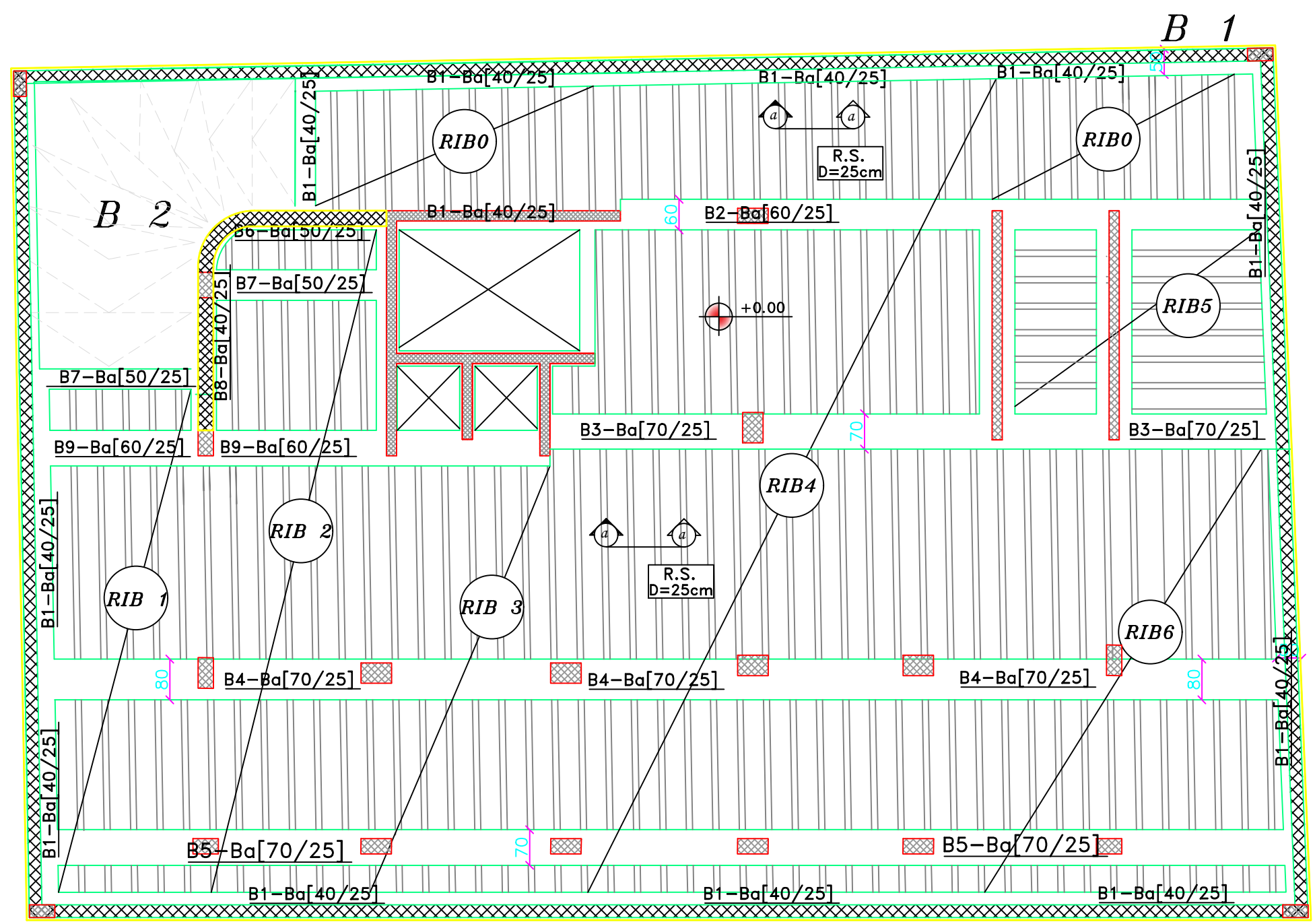
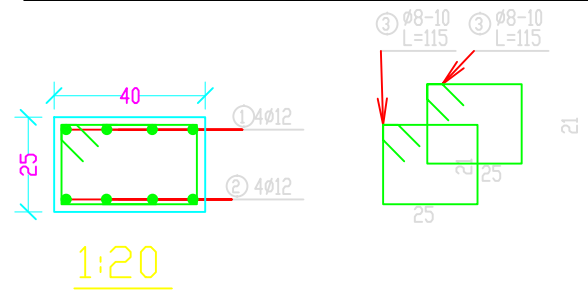
Scale 1/100

SHEAR WALL Detailis

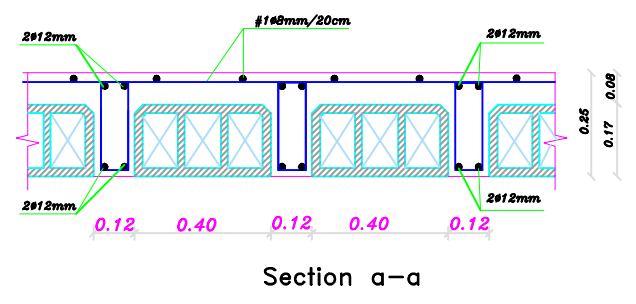
SHEAR WALL Detailis

S 13

B1 – Ba[40/25]



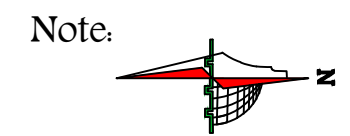
عقدة طابق الكراج
S 14



Palestine Polytechnic university
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Civil Engineering

Supervisor :
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Group of work:
● Ahmad saleh
● Klaled Knatry
● Mohamed Gadir



Legend :

| | |
|----------------------|---------------|
| Basement 1 floor | Dignification |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

Scale 1/100

عقدة طابق الكراج

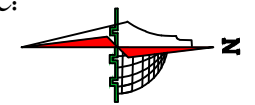


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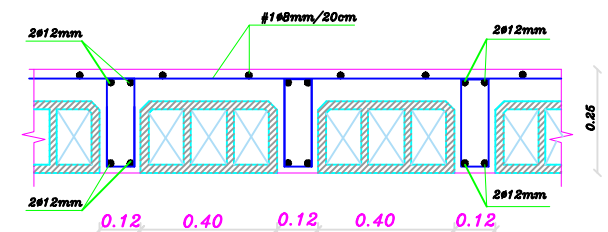
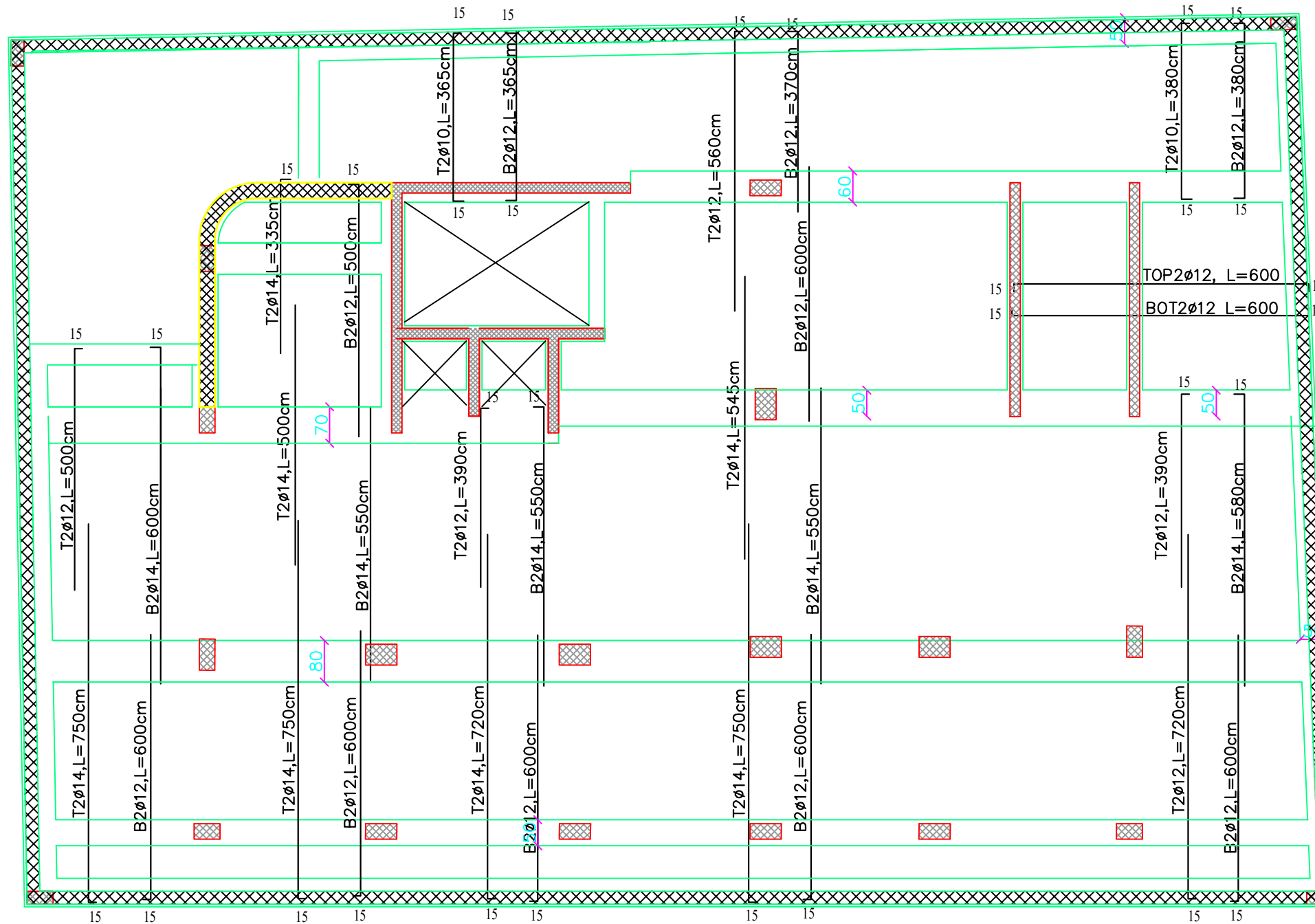


Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R.Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

تسليح طابق الكراج



تسليح طابق الكراج

S 15

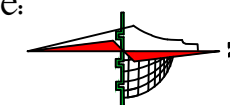


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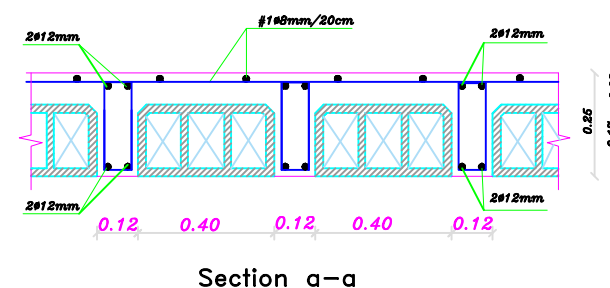
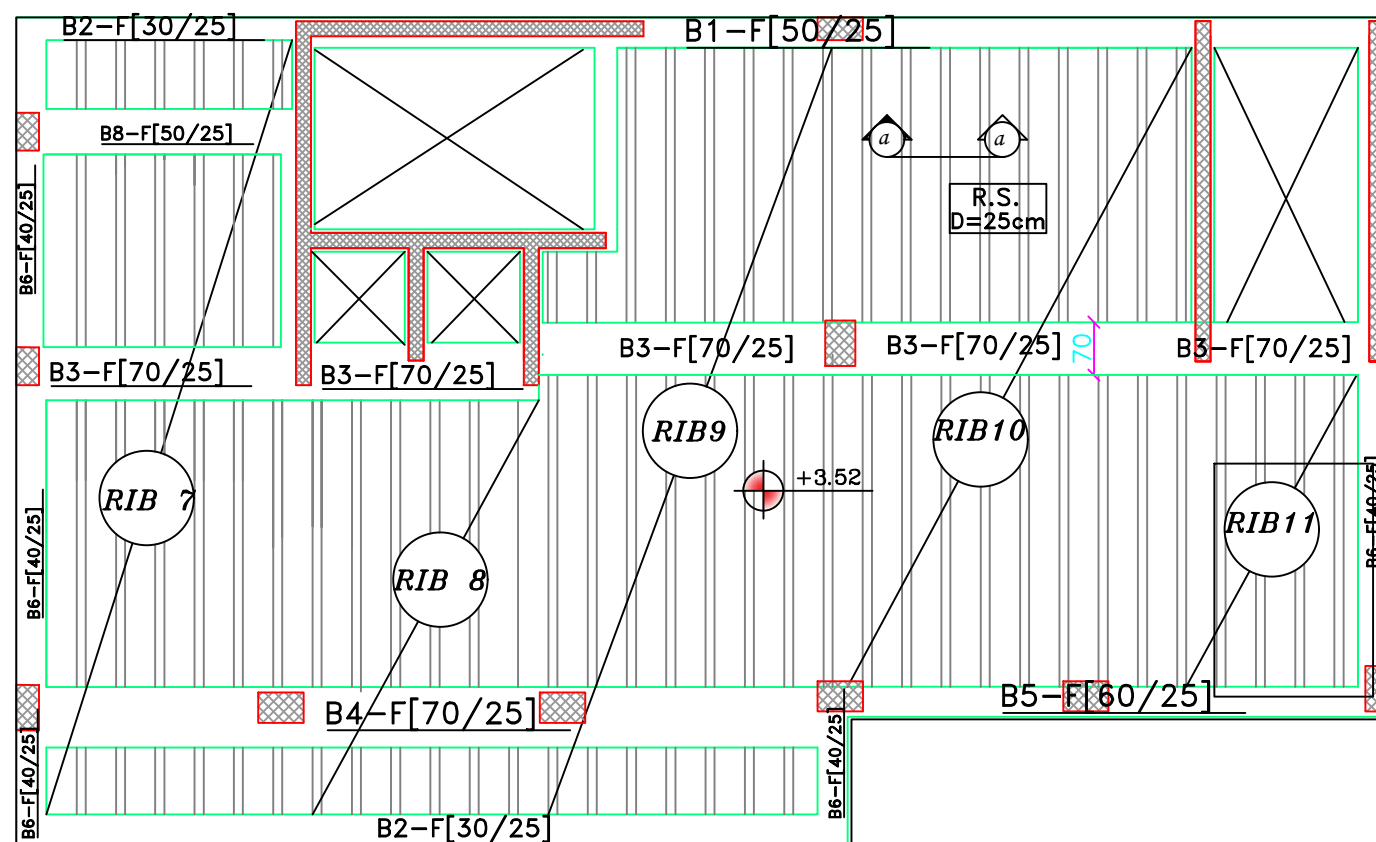


Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

Scale 1/100

عقدة الطابق الارضي



عقدة الطابق الارضي

S 16

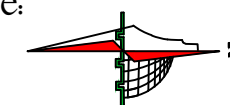


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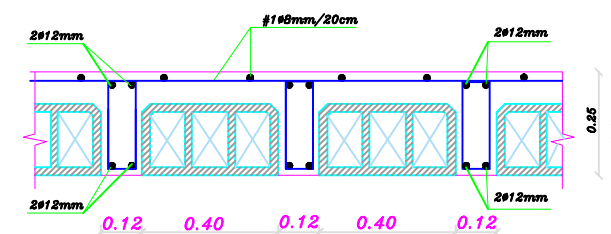
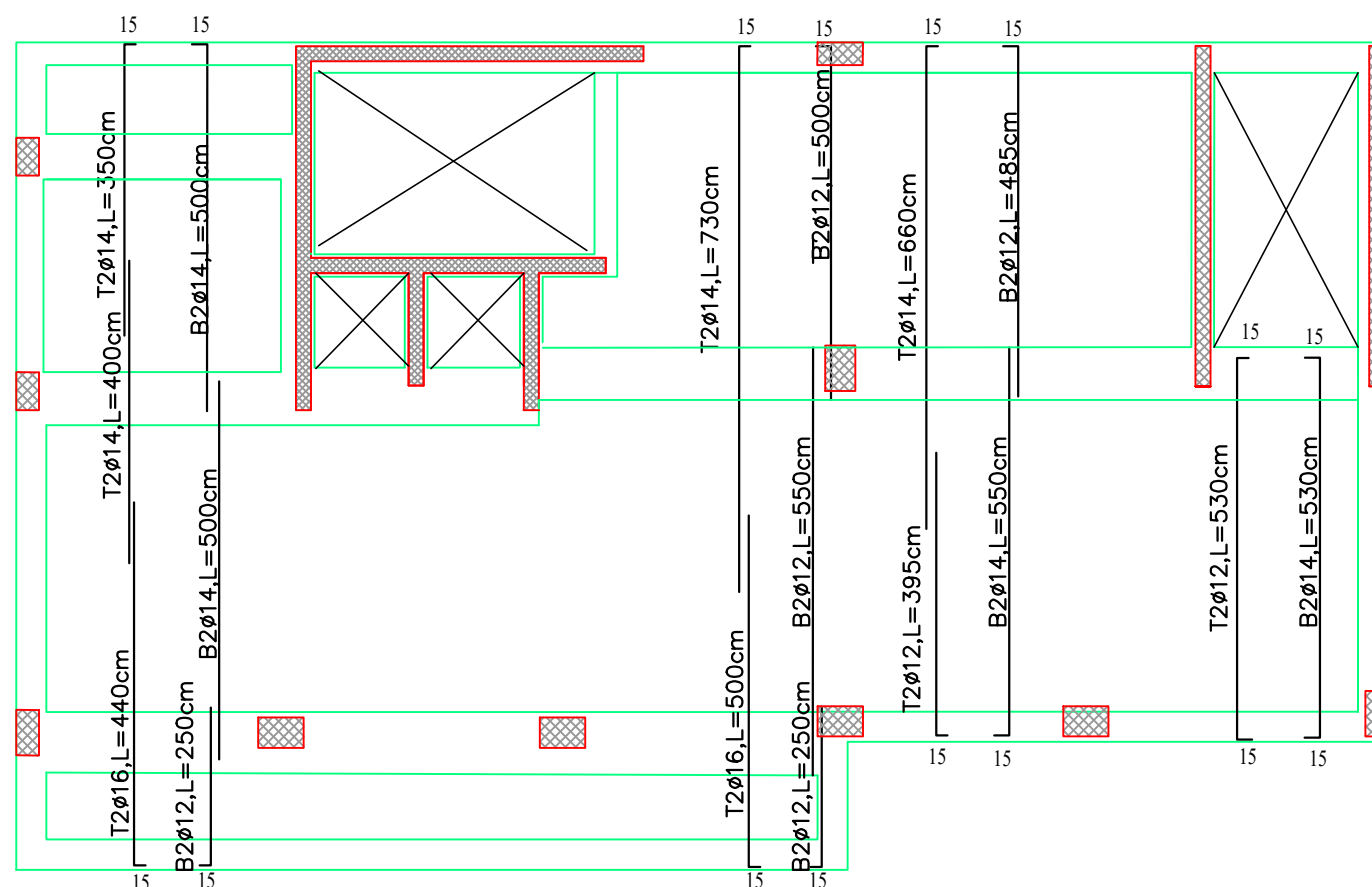


Legend :

| | |
|---------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materials | GRASS |

Scale 1/100

تسليح عقدة الارضي



تسليح عقدة الارضي

S 17

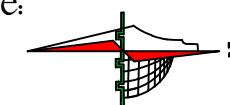


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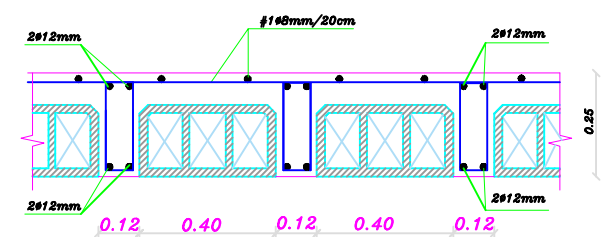
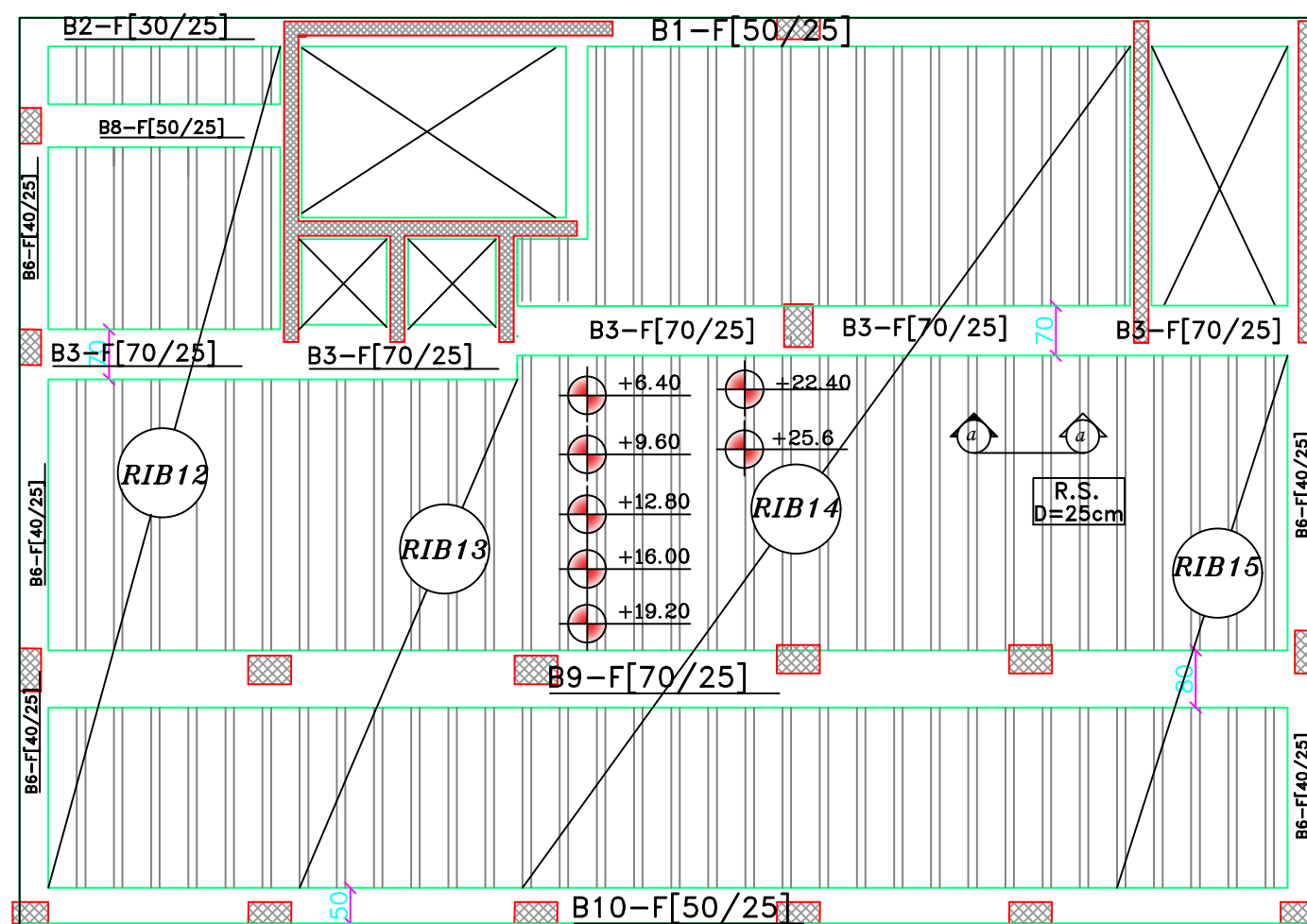


Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

Scale 1/100

عقدة الطابق المتكرر



Section a-a

عقدة الطابق المتكرر

S 18

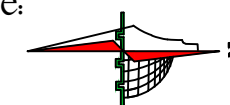


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● Mohamed Gadir

Note:

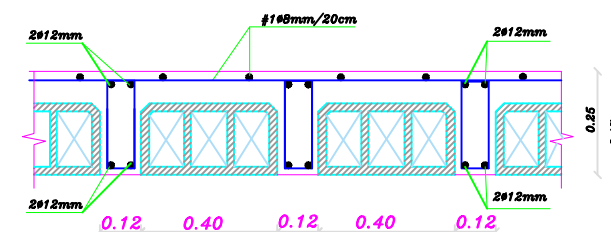
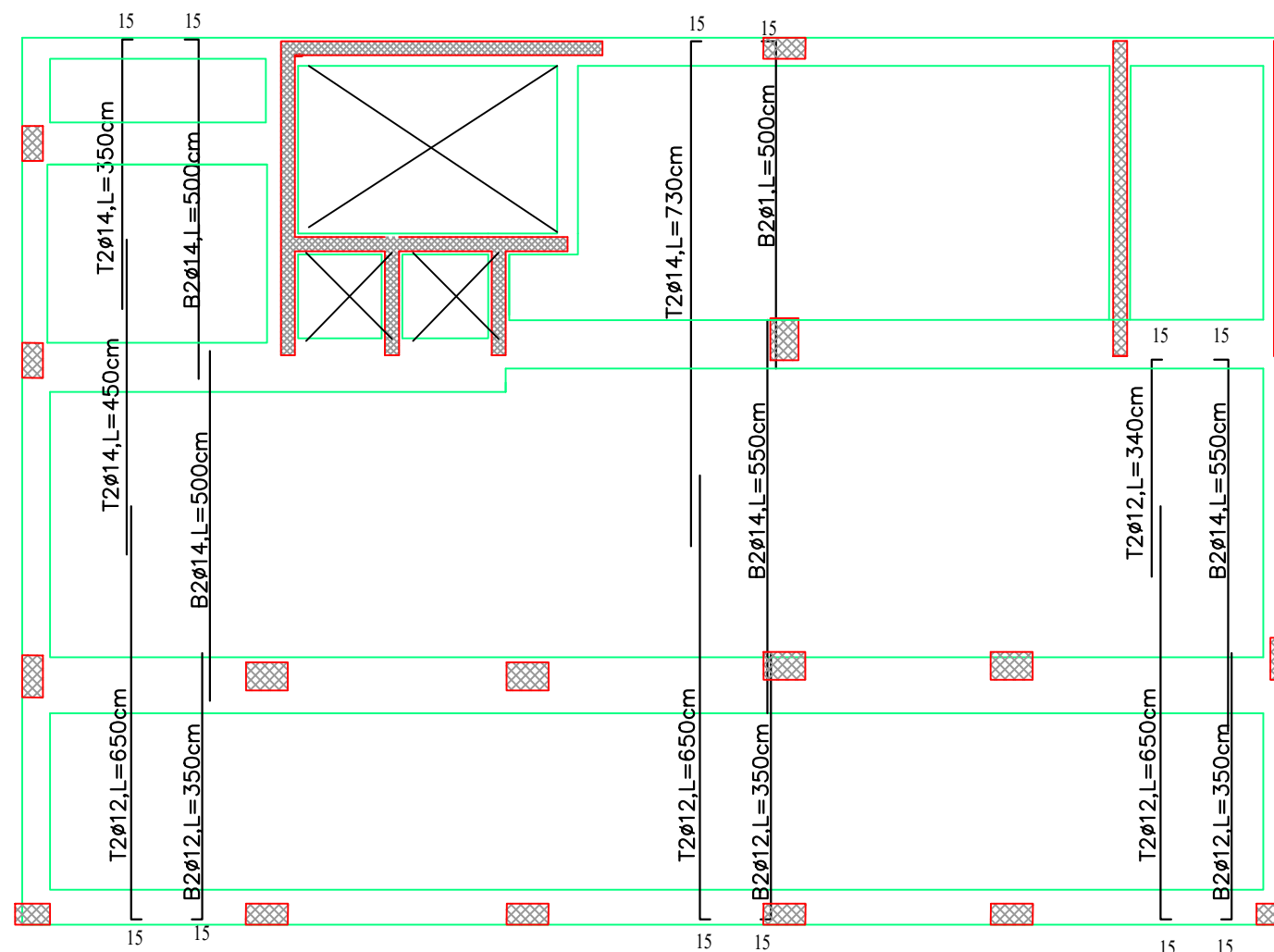


Legend :

| | |
|---------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materials | GRASS |

Scale 1/100

تسليح عقدة الطابق المتكرر



تسليح عقدة الطابق المتكرر

S 19

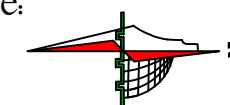


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Civil Engineering

Supervisor :
Eng.Hamdi Idais

Group of work:
● Ahmad saleh
● Klaled Knatry
● Mohamed Gadir

Note:

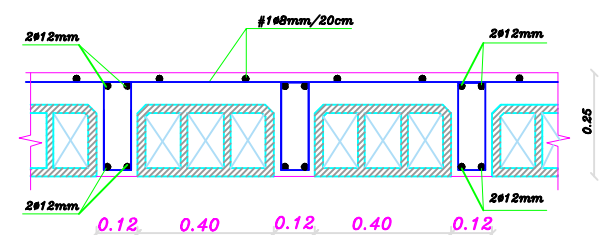
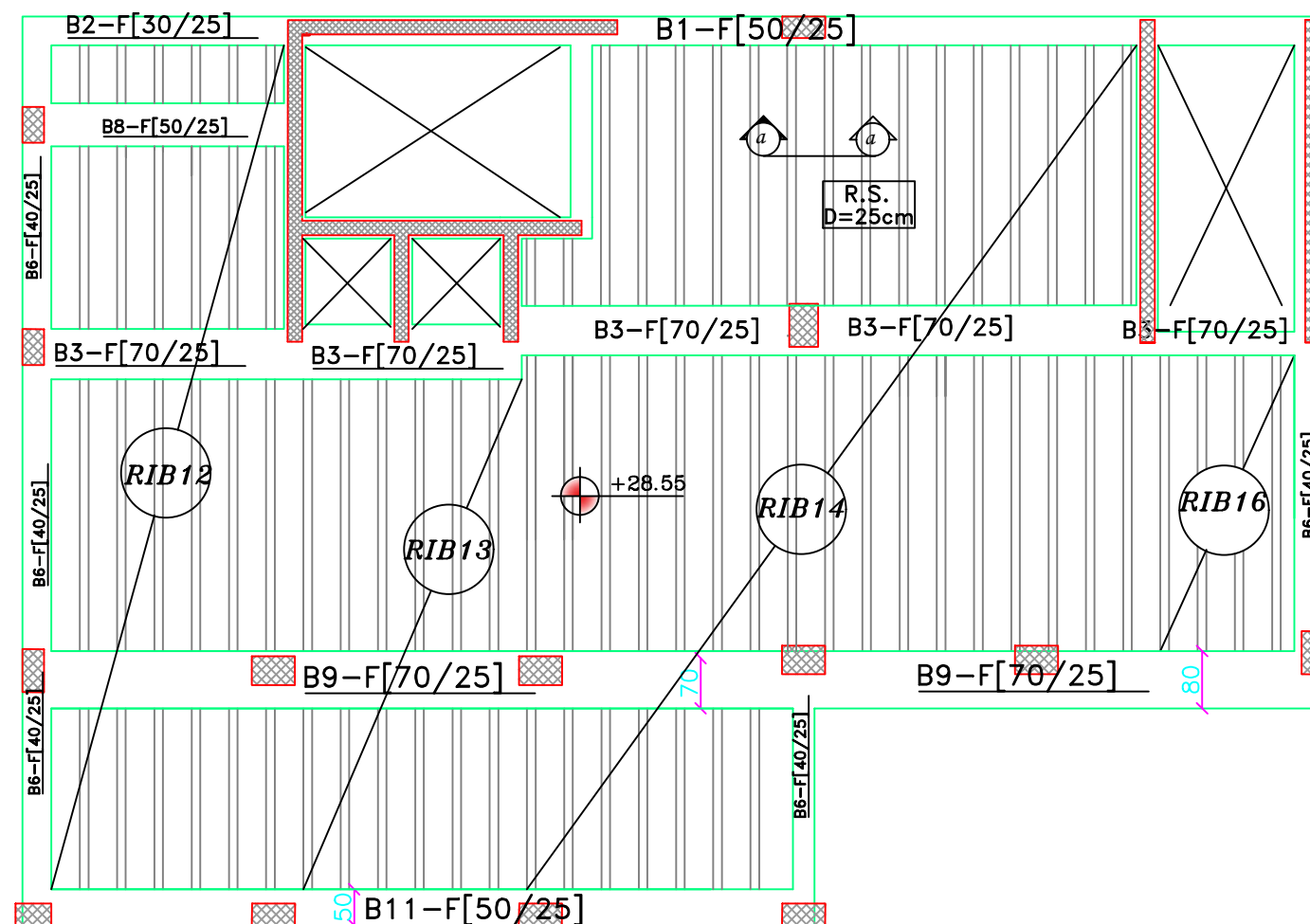


Legend :

| | |
|---------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materials | GRASS |

Scale 1/100

عقدة طابق الرووف



Section a-a

عقدة طابق الرووف

S 20

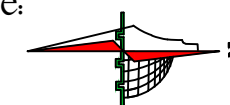


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Civil Engineering











Supervisor :
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Group of work:
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● Khaled Knatry
● Mohamed Gadir

Note:

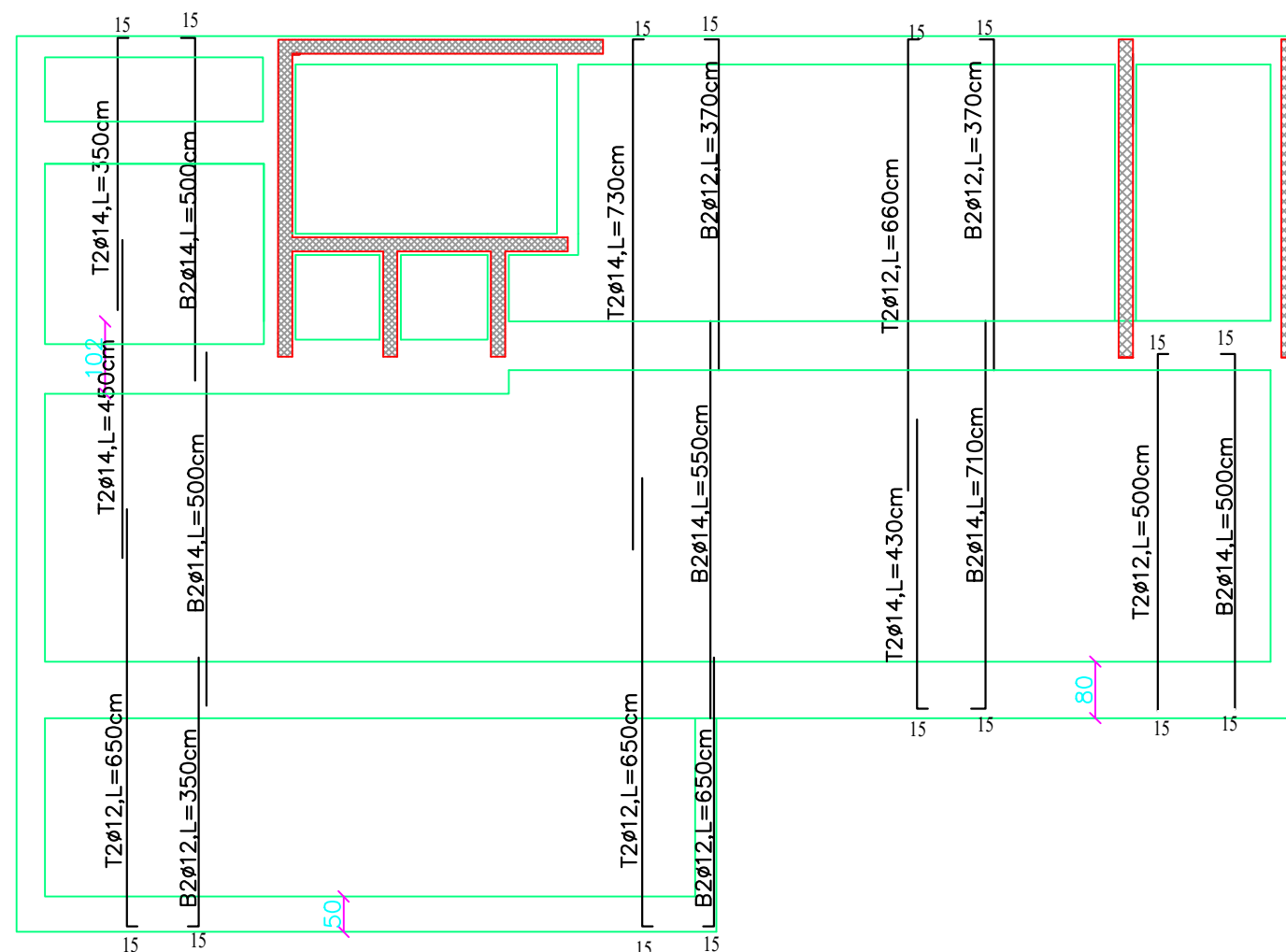


Legend :

| | |
|--|--|
|  BAKLAVA TILES |  Gravel |
|  R.Concrete |  Wood |
|  HEXAGONAL TILES |  Concrete |
|  Hollow Block |  Stone |
|  isolating materiales |  GRASS |

Scale 1/100

تسليح عقدة الرووف



تسليح عقدة الرووف

S 21

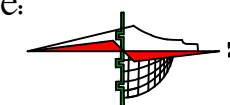


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









Supervisor :
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Group of work:
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● Klaled Knatry
● Mohamed Gadir

Note:

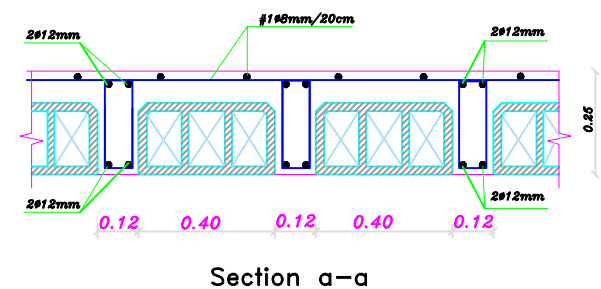
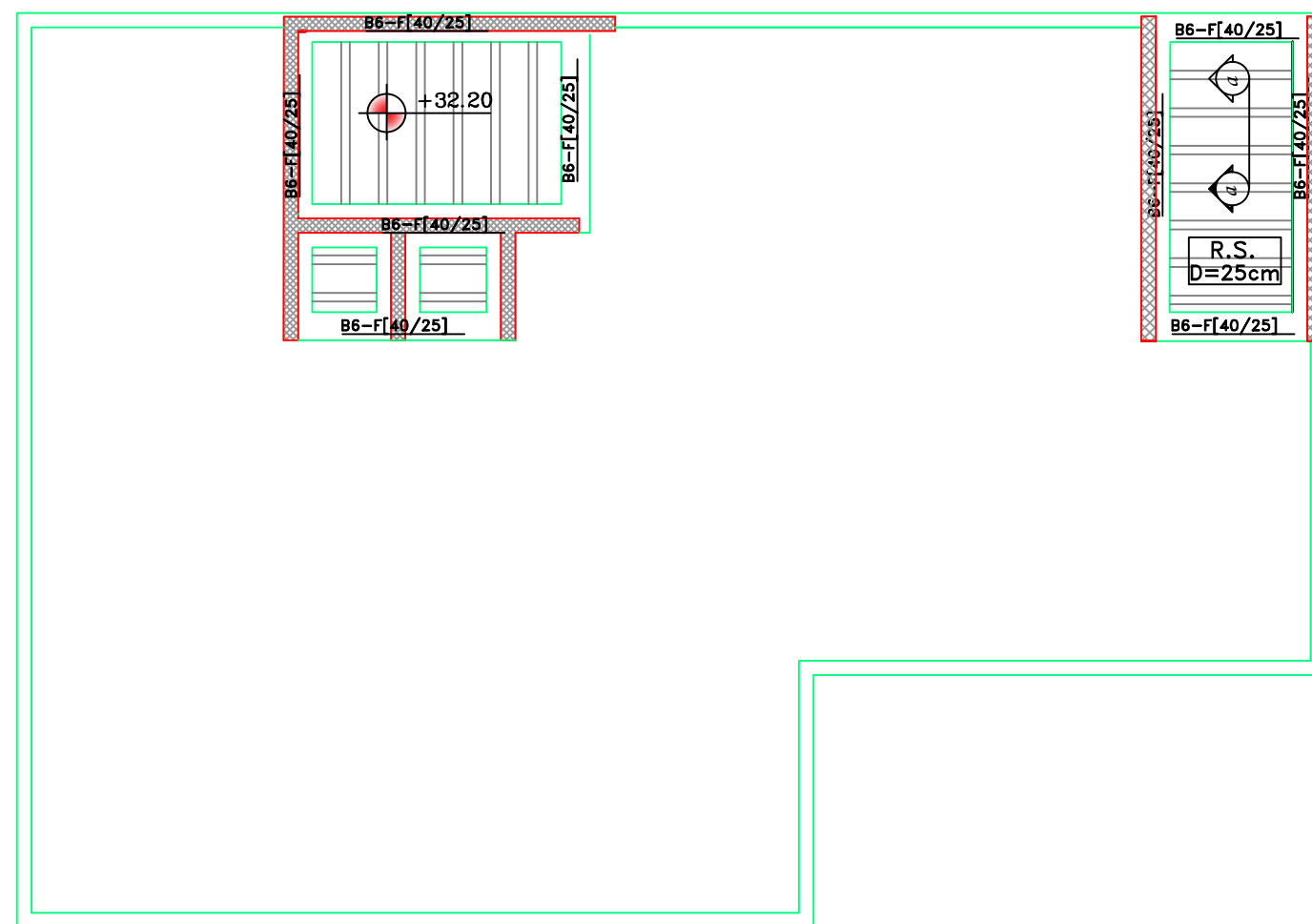


Legend :

| | |
|--|--|
|  BAKLAVA TILES |  Gravel |
|  R.Concrete |  Wood |
|  HEXAGONAL TILES |  Concrete |
|  Hollow Block |  Stone |
|  isolating materiales |  GRASS |

Scale 1/100

عقدة بيت الدرج



عقدة بيت الدرج

S 22

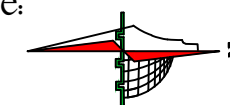


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





Supervisor :
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Group of work:
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● Klaled Knatry
● Mohamed Gadir

Note:

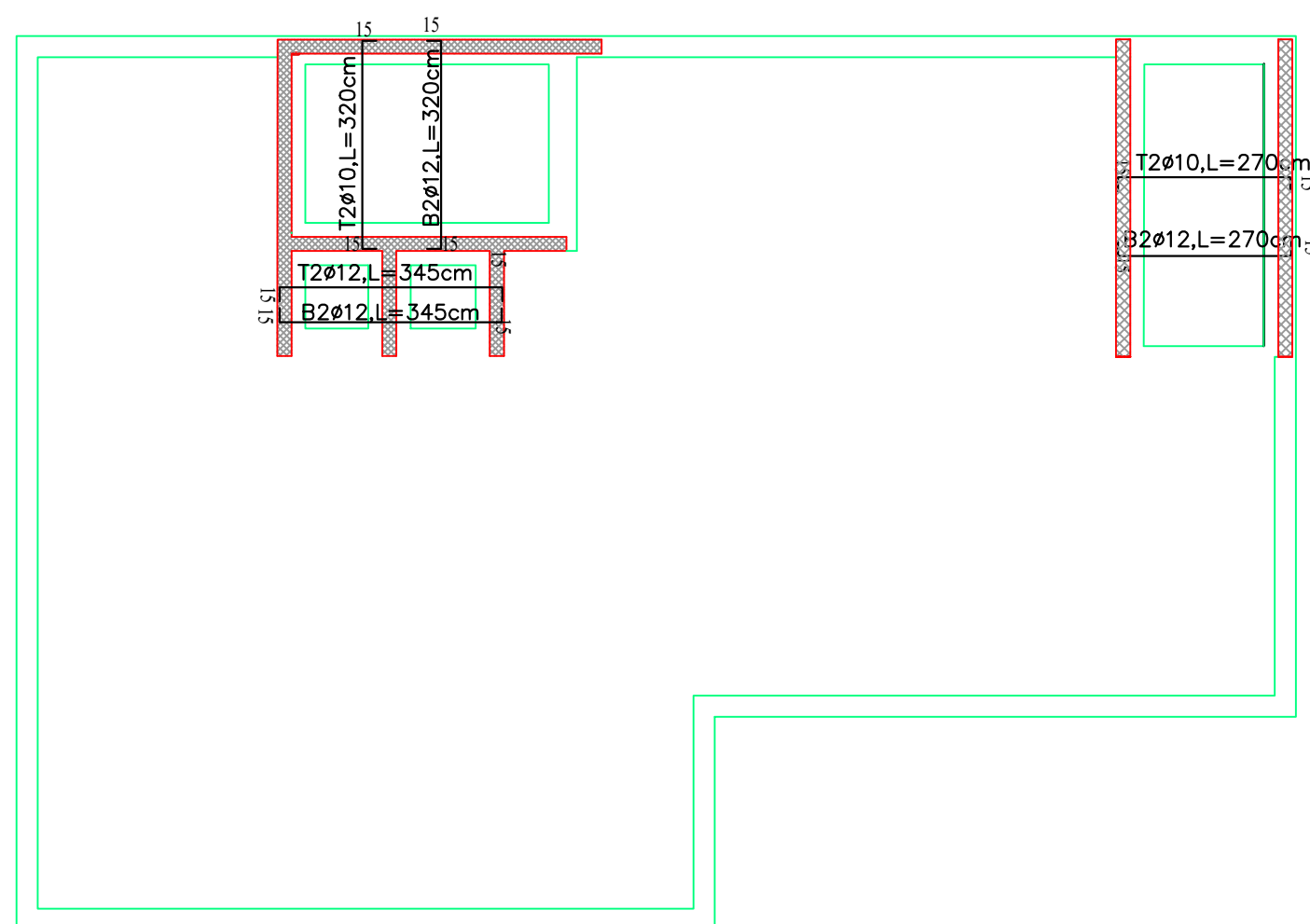


Legend :

| | |
|--|--|
|  BAKLAVA TILES |  Gravel |
|  R.Concrete |  Wood |
|  HEXAGONAL TILES |  Concrete |
|  Hollow Block |  Stone |
|  isolating materiales |  GRASS |

Scale 1/100

تسليح عقدة بيت الدرج

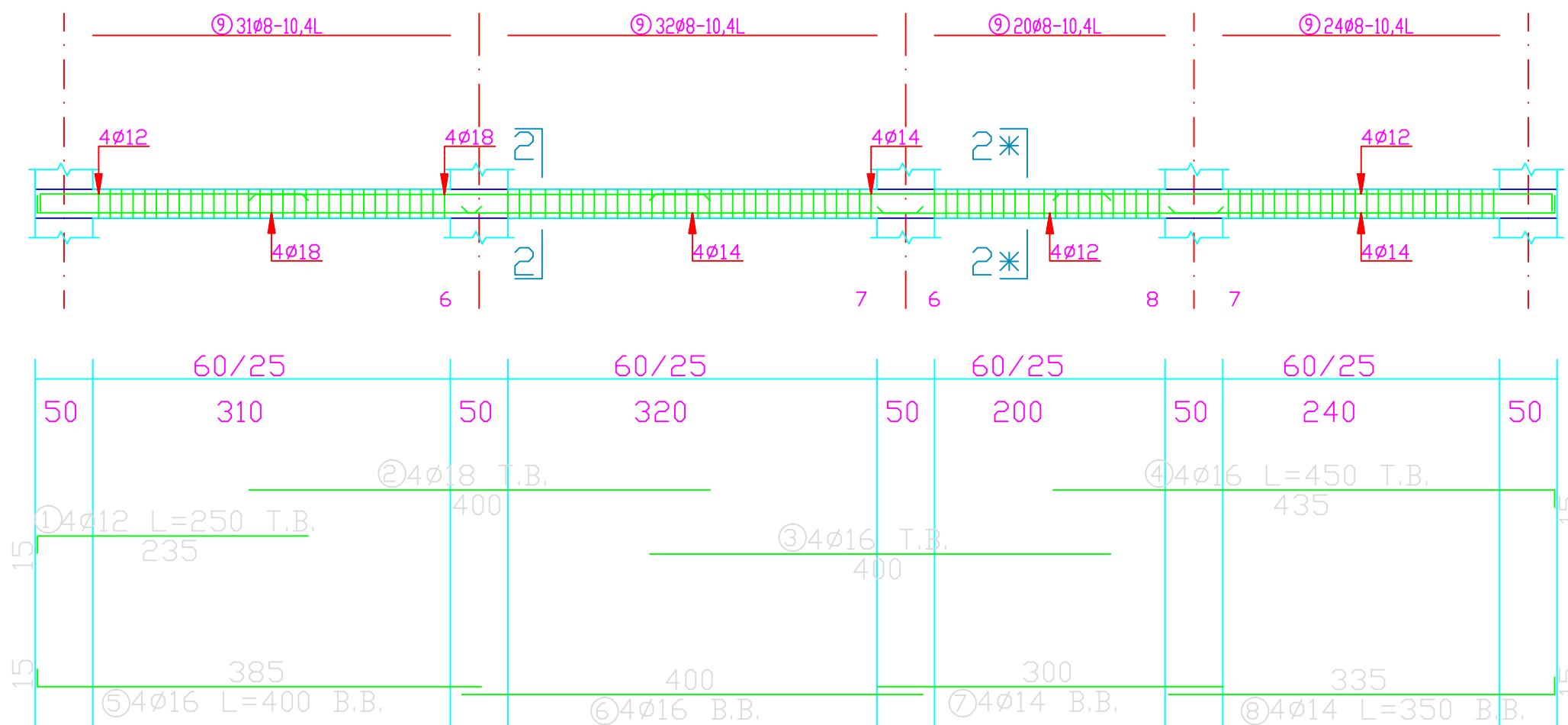


تسليح عقدة بيت الدرج

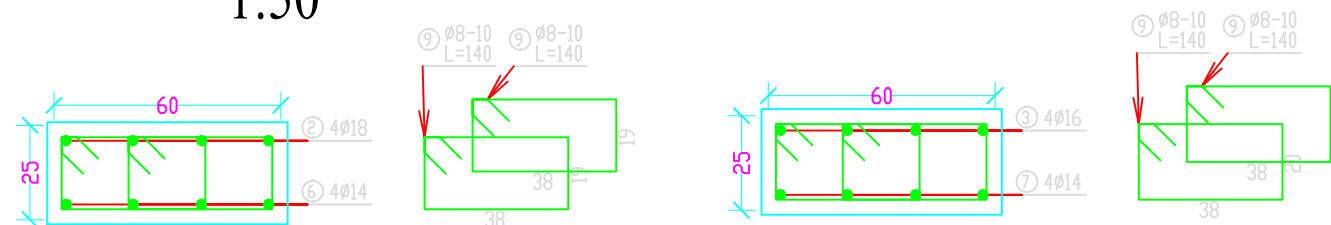
S 23



B2-Ba[60/25]



1:50



2-2
1:20

2*-2*
1:20

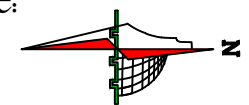
تفاصيل الجسور
S 24

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Civil Engineering

Supervisor :
Eng.Hamdi Idais

Group of work:
● Ahmad saleh
● Khaled Knatry
● Mohamed Gadir

Note:



Legend :

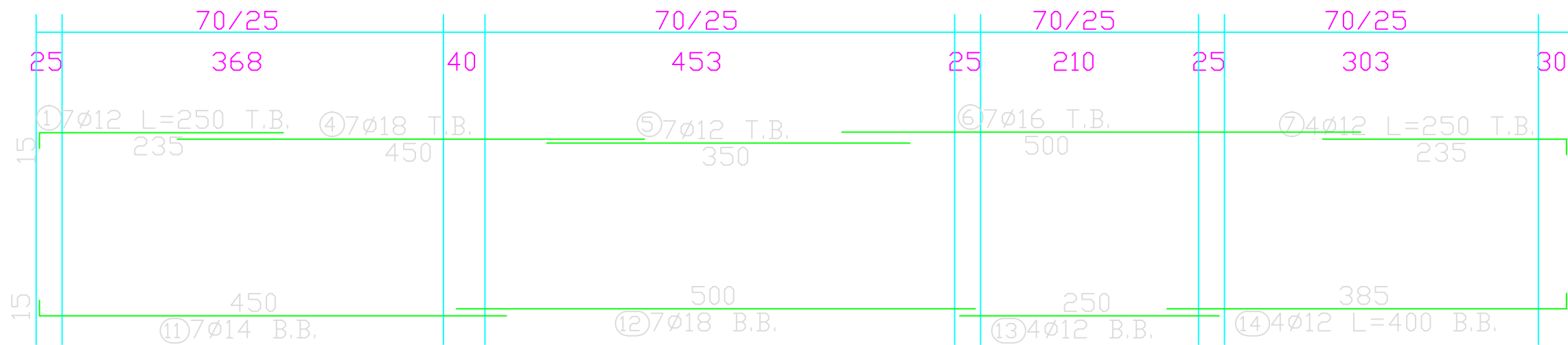
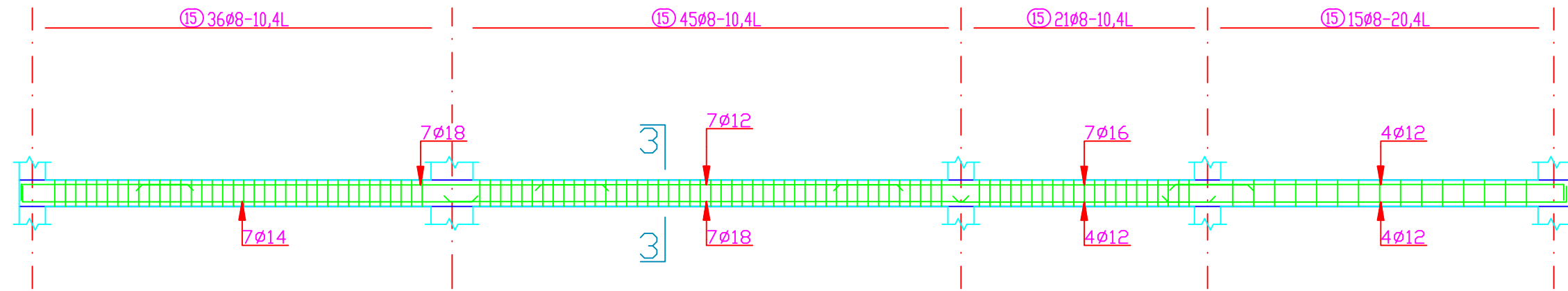
| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R.Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

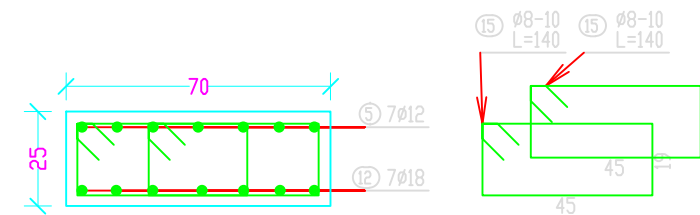
تفاصيل الجسور



B3-Ba[70/25]



1:50



3-3
1:20

تفاصيل الجسور
S 25

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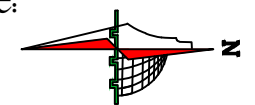
Supervisor :

Eng.Hamdi Idais

Group of work:

- Ahmad saleh
- Klaled Knatry
- Mohamed Gadir

Note:



Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

تفاصيل الجسور



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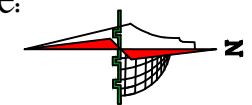
Supervisor :

Eng.Hamdi Idais








Group of work:

- Ahmad saleh
- Klaled Knatry
- Mohamed Gadir

Note:



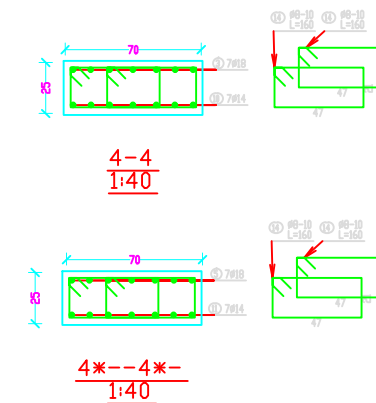
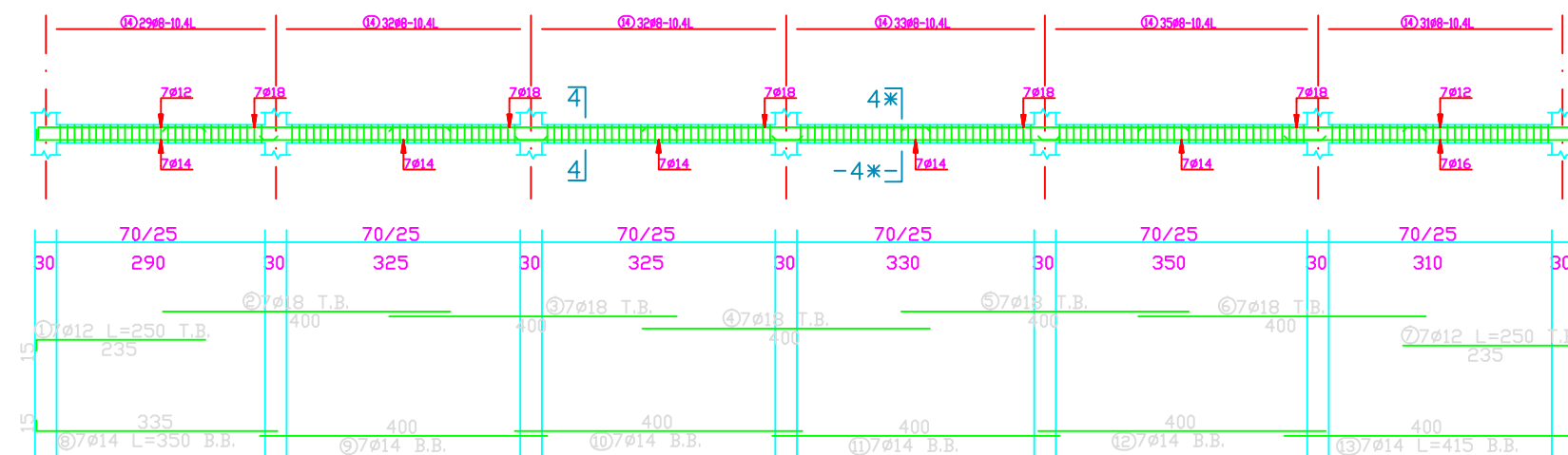
Legend :

| | |
|--|--|
|  BAKLAVA TILES |  Gravel |
|  R.Concrete |  Wood |
|  HEXAGONAL TILES |  Concrete |
|  Hollow Block |  Stone |
|  isolating materiales |  GRASS |

Scale 1/100

تفاصيل الجسور

B4-Ba[70/25]



1:100

تفاصيل الجسور
S 26



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Civil Engineering

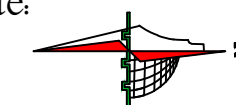
Supervisor :

Eng.Hamdi Idais

Group of work:

- Ahmad saleh
- Klaled Knatry
- Mohamed Gadir

Note:



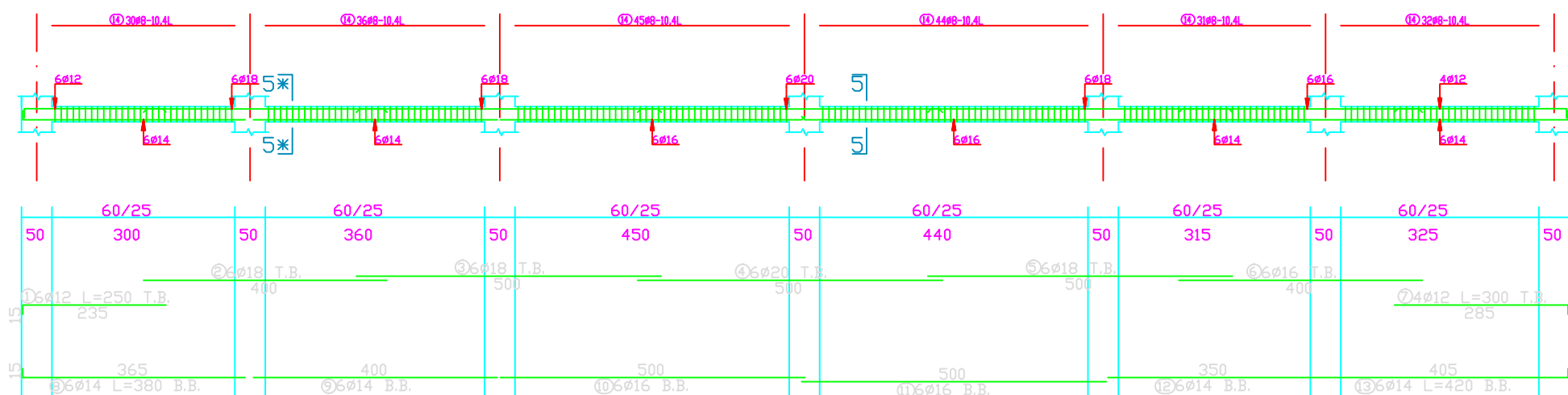
Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R.Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

تفاصيل الجسور

B5-Ba[70/25]



1:100

تفاصيل الجسور
S 27



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Engineering college
Civil Engineering

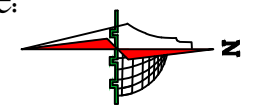
Supervisor :

Eng.Hamdi Idais

Group of work:

- Ahmad saleh
- Klaled Knatry
- Mohamed Gadir

Note:



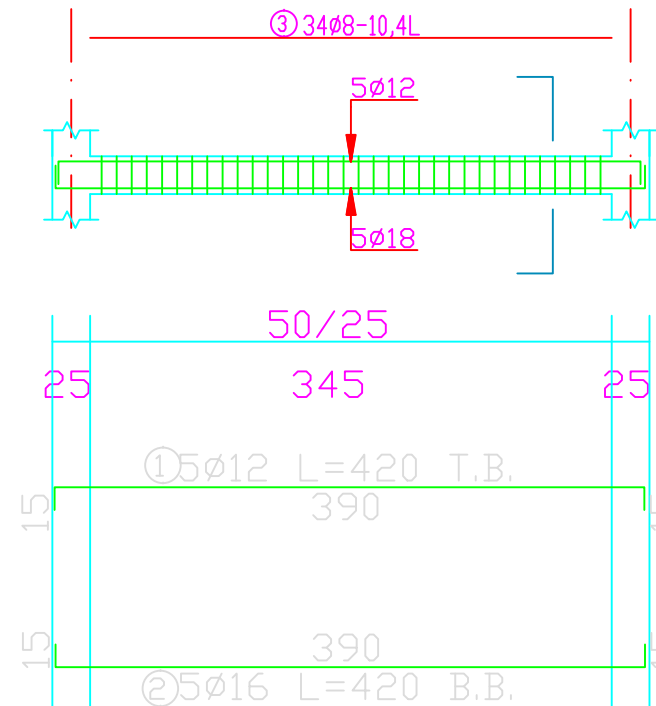
Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

Scale 1/100

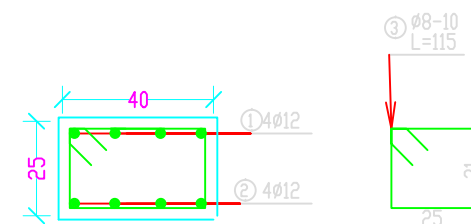
تفاصيل الجسور

B7 – Ba[50/25]



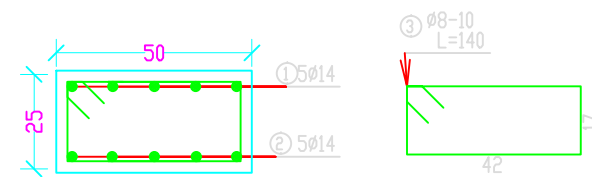
1:50

B8 – Ba[40/25]



1:20

B6 – Ba[50/25]

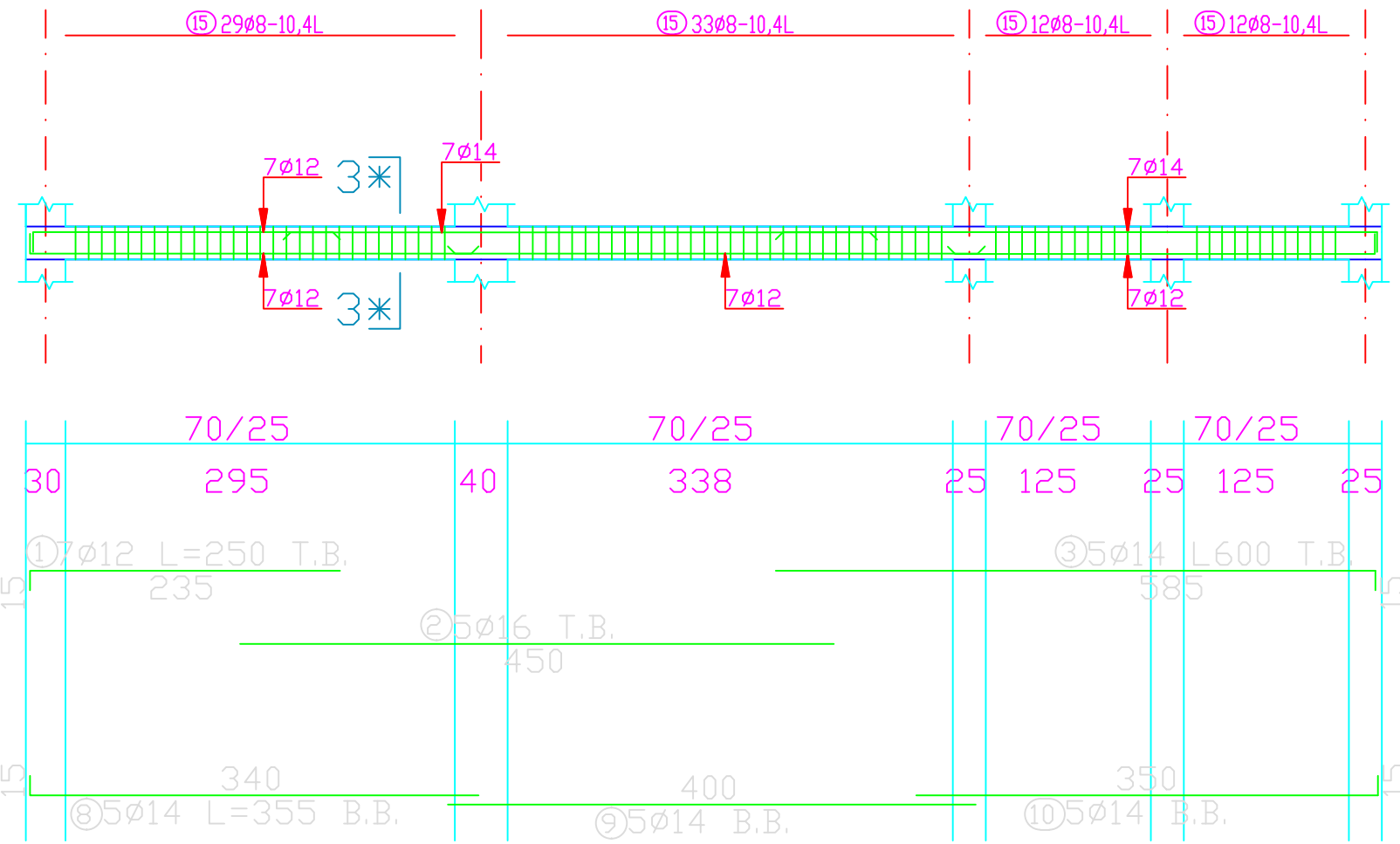


1:20

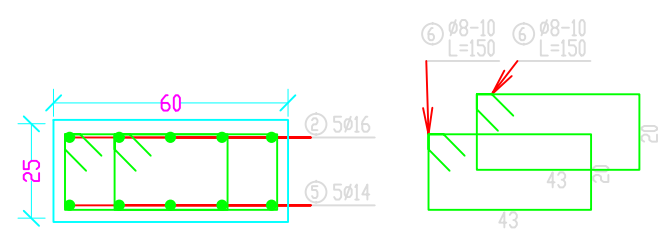
تفاصيل الجسور
S 28



B9 – Ba[60/25]



1:50



3* - 3*
1:20

تفاصيل الجسور
S 29

Palestine Polytechnic
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Civil Engineering

Supervisor :
Eng.Hamdi Idais

Group of work:
● Ahmad saleh
● Khaled Knatry
● Mohamed Gadir

Note:

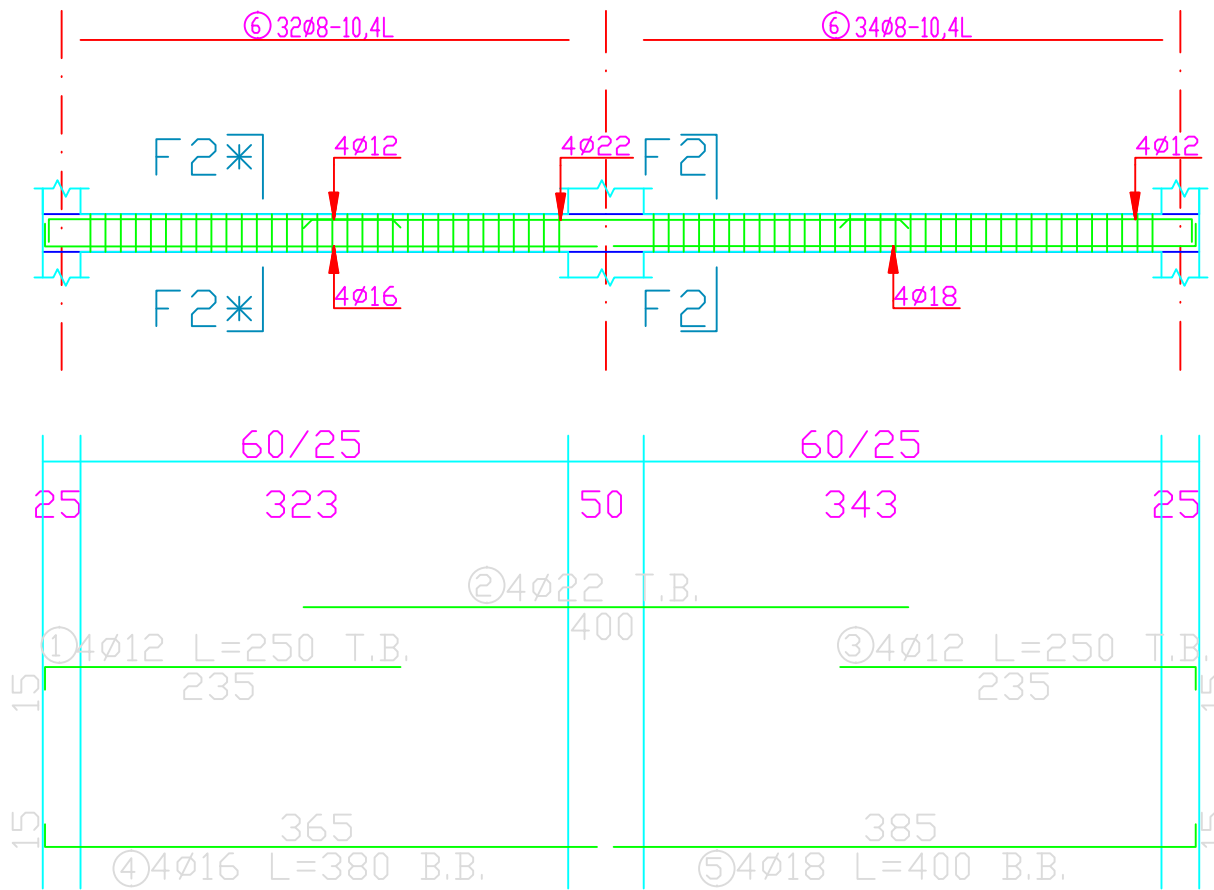
Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

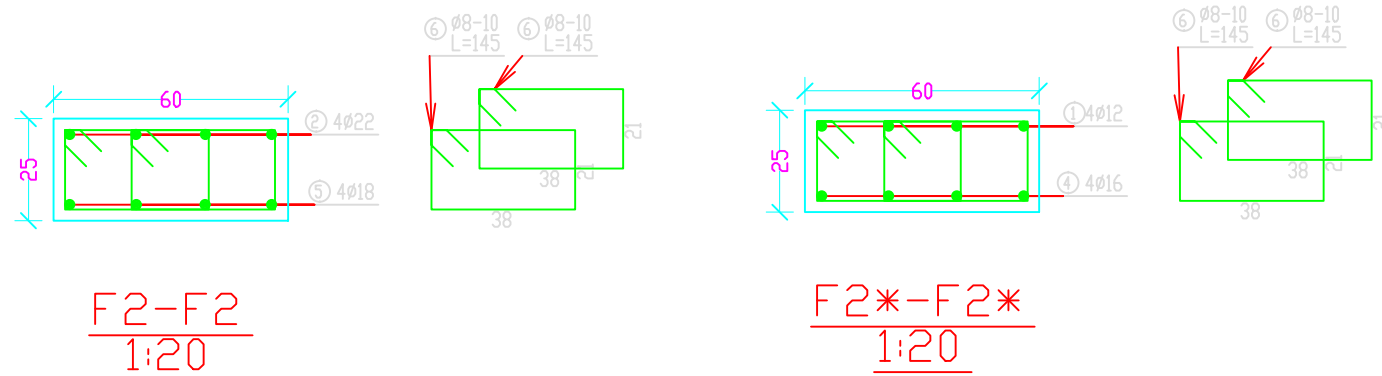
Scale 1/100

تفاصيل الجسور

B1 - F[50/25]



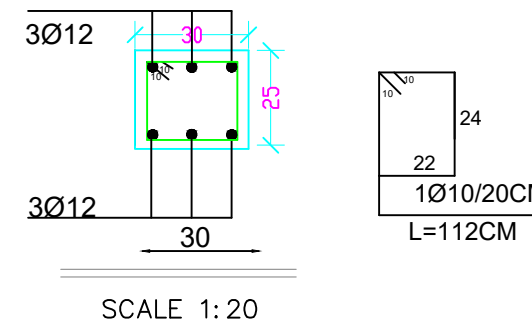
1:50



F2-F2
1:20

F2*-F2*
1:20

B2 - F[30/25]



SCALE 1:20



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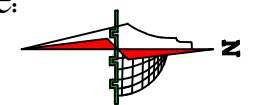
Supervisor :

Eng.Hamdi Idais

Group of work:

- Ahmad saleh
- Klaled Knatry
- Mohamed Gadir

Note:



Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

تفاصيل الجسور
S 30

تفاصيل الجسور



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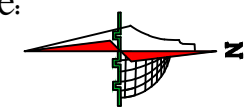
Supervisor :

Eng.Hamdi Idais










Group of work:

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- Mohamed Gadir

Note:



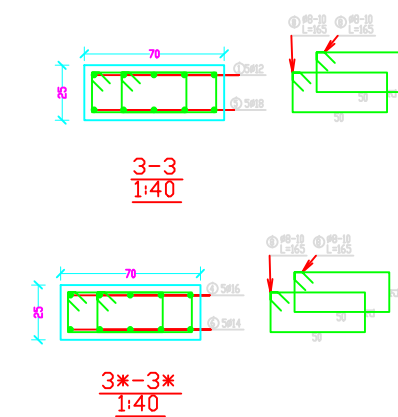
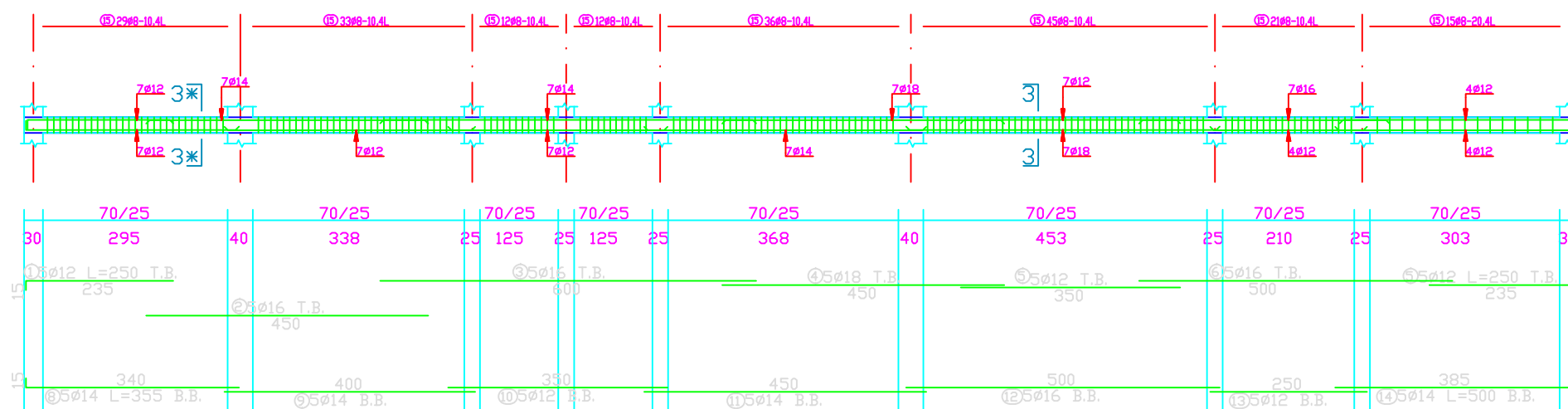
Legend :

| | |
|--|--|
|  BAKLAVA TILES |  Gravel |
|  R.Concrete |  Wood |
|  HEXAGONAL TILES |  Concrete |
|  Hollow Block |  Stone |
|  isolating materiales |  GRASS |

Scale 1/100

تفاصيل الجسور

B3-F[70/25]



تفاصيل الجسور
S 31

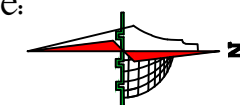


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university
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Civil Engineering

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Group of work:
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● Klaled Knatry
● Mohamed Gadir

Note:



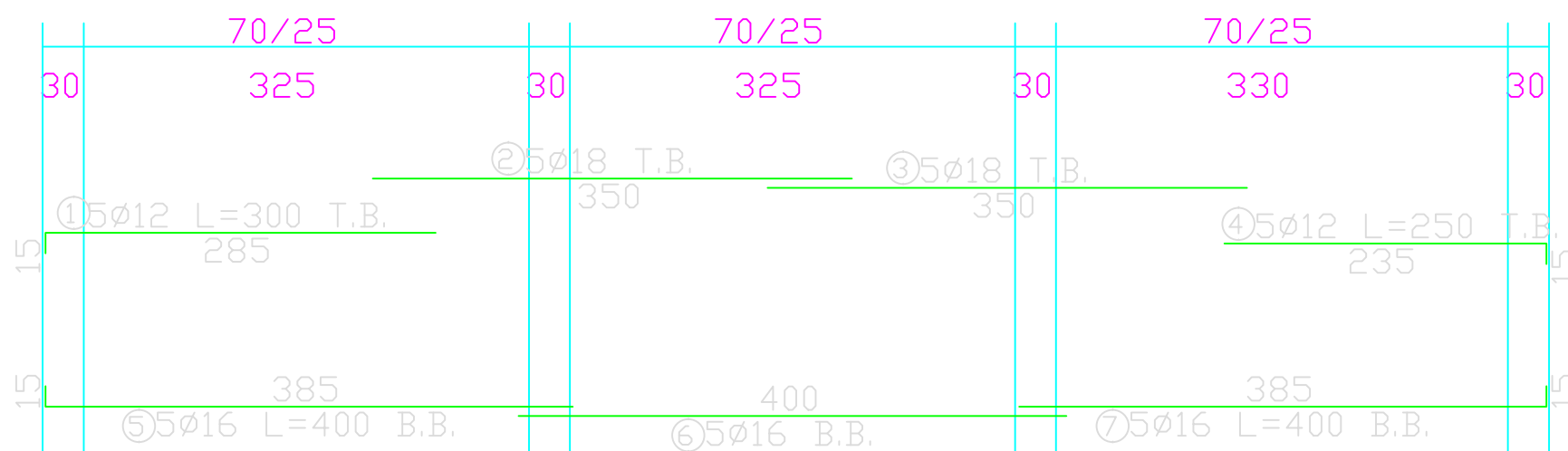
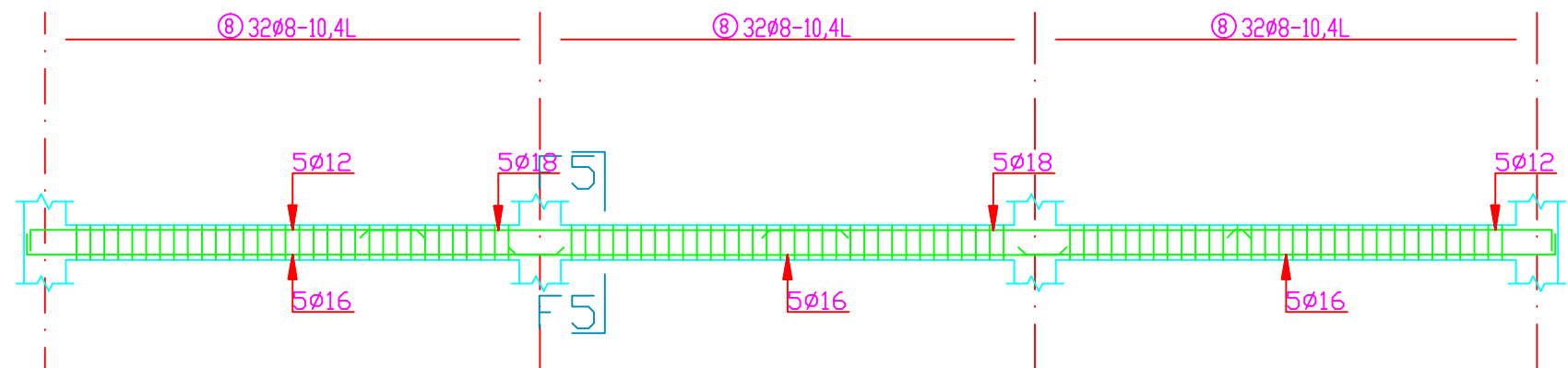
Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

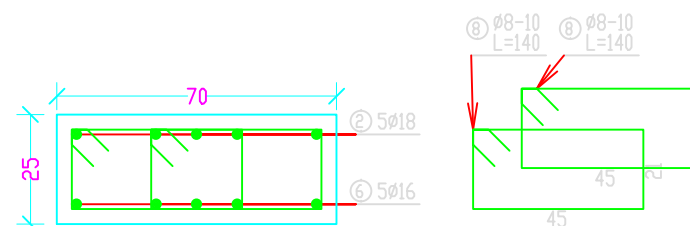
Scale 1/100

تفاصيل الجسور

B4-F[70/25]



1:50



F5-F5
1:20

تفاصيل الجسور
532



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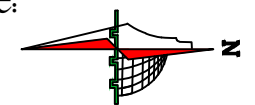
Supervisor :

Eng.Hamdi Idais

Group of work:

- Ahmad saleh
- Klaled Knatry
- Mohamed Gadir

Note:



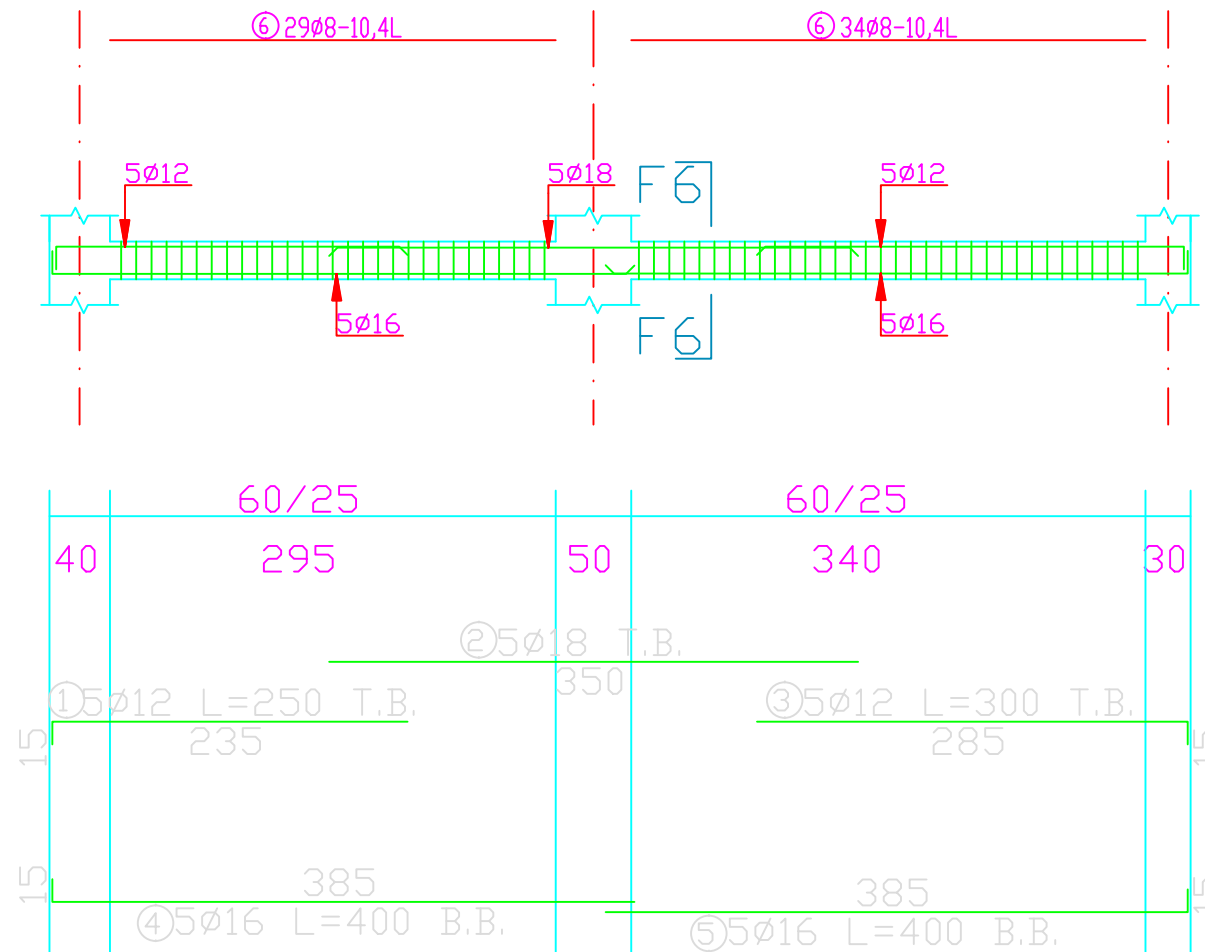
Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

Scale 1/100

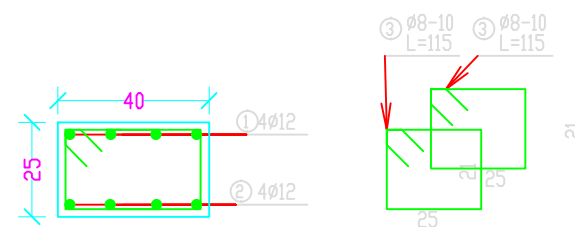
تفاصيل الجسور

B5-F[60/25]



1:50

B6-F[40/25]



1:20

تفاصيل الجسور
533



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Civil Engineering

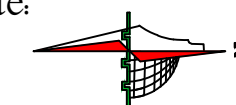
Supervisor :

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- Klaled Knatry
- Mohamed Gadir

Note:



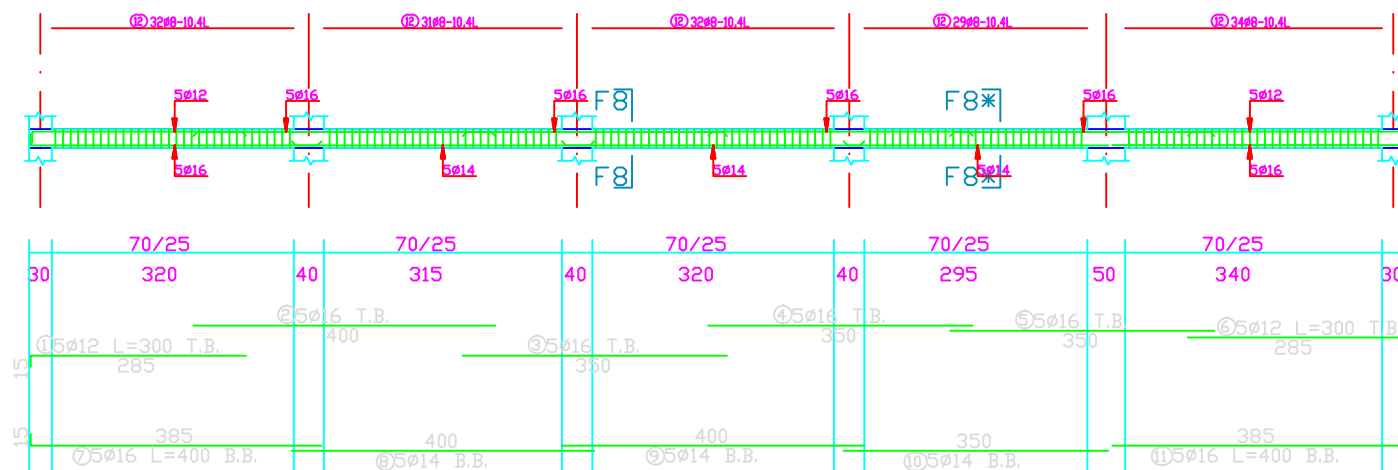
Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

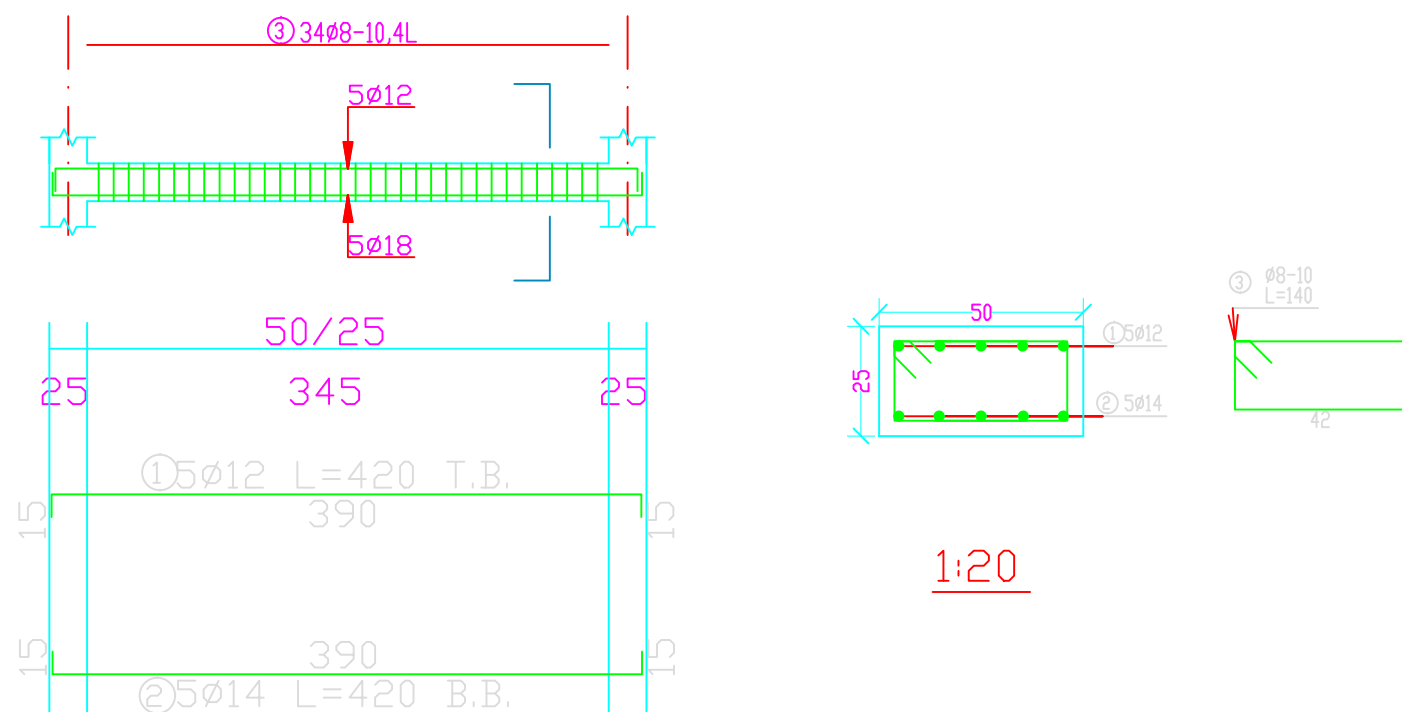
تفاصيل الجسور

B7-F[60/25]



1:100

B8-F[50/25]



1:20

1:50

تفاصيل الجسور
S 34



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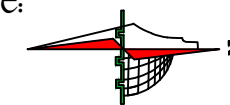
Supervisor :

Eng.Hamdi Idais

Group of work:

- Ahmad saleh
- Klaled Knatry
- Mohamed Gadir

Note:



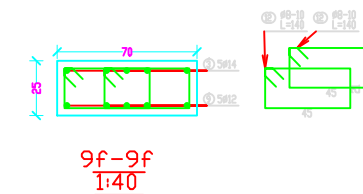
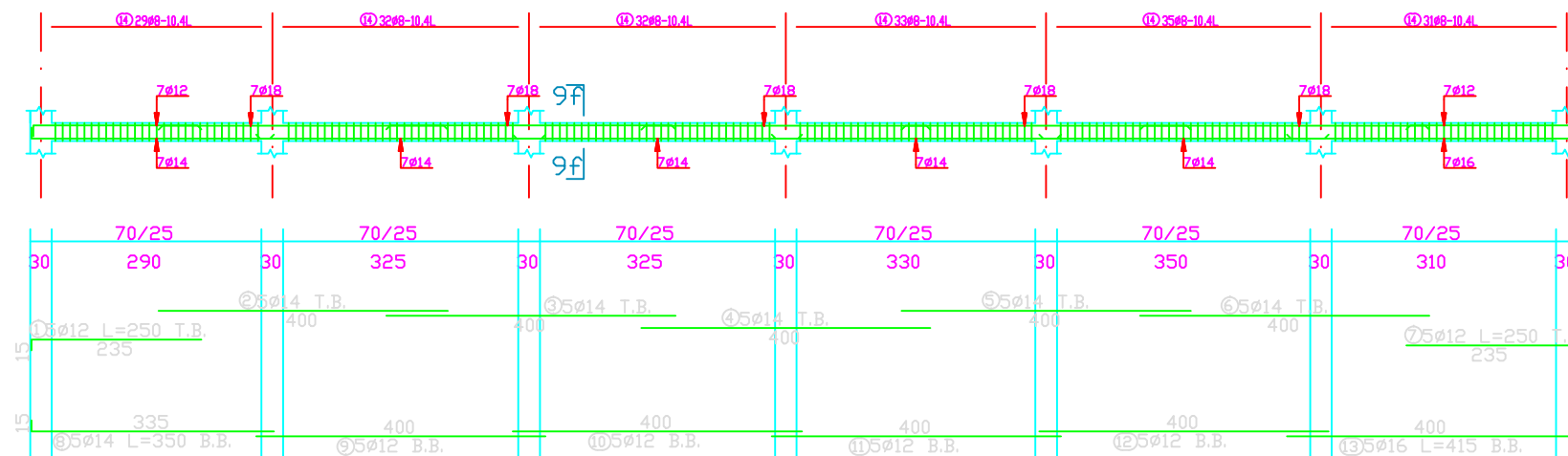
Legend :

| | |
|----------------------|----------|
| BAKLAVA TILES | Gravel |
| R.Concrete | Wood |
| HEXAGONAL TILES | Concrete |
| Hollow Block | Stone |
| isolating materiales | GRASS |

Scale 1/100

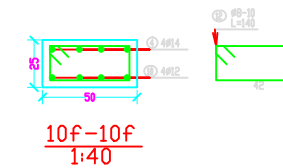
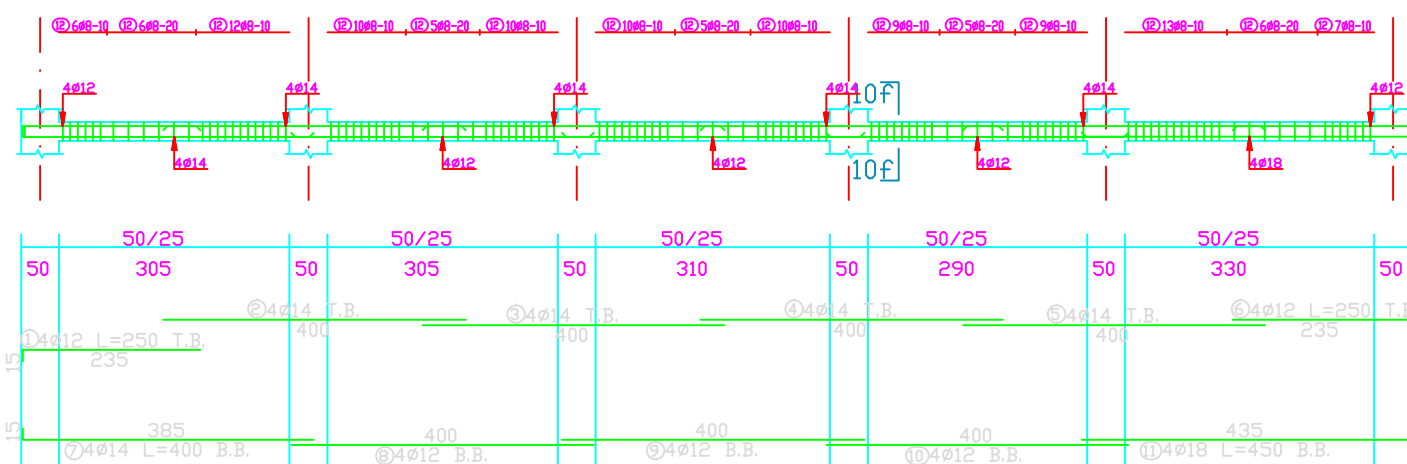
تفاصيل الجسور

B9-F[70/25]



1:100

B10-F[50/25]

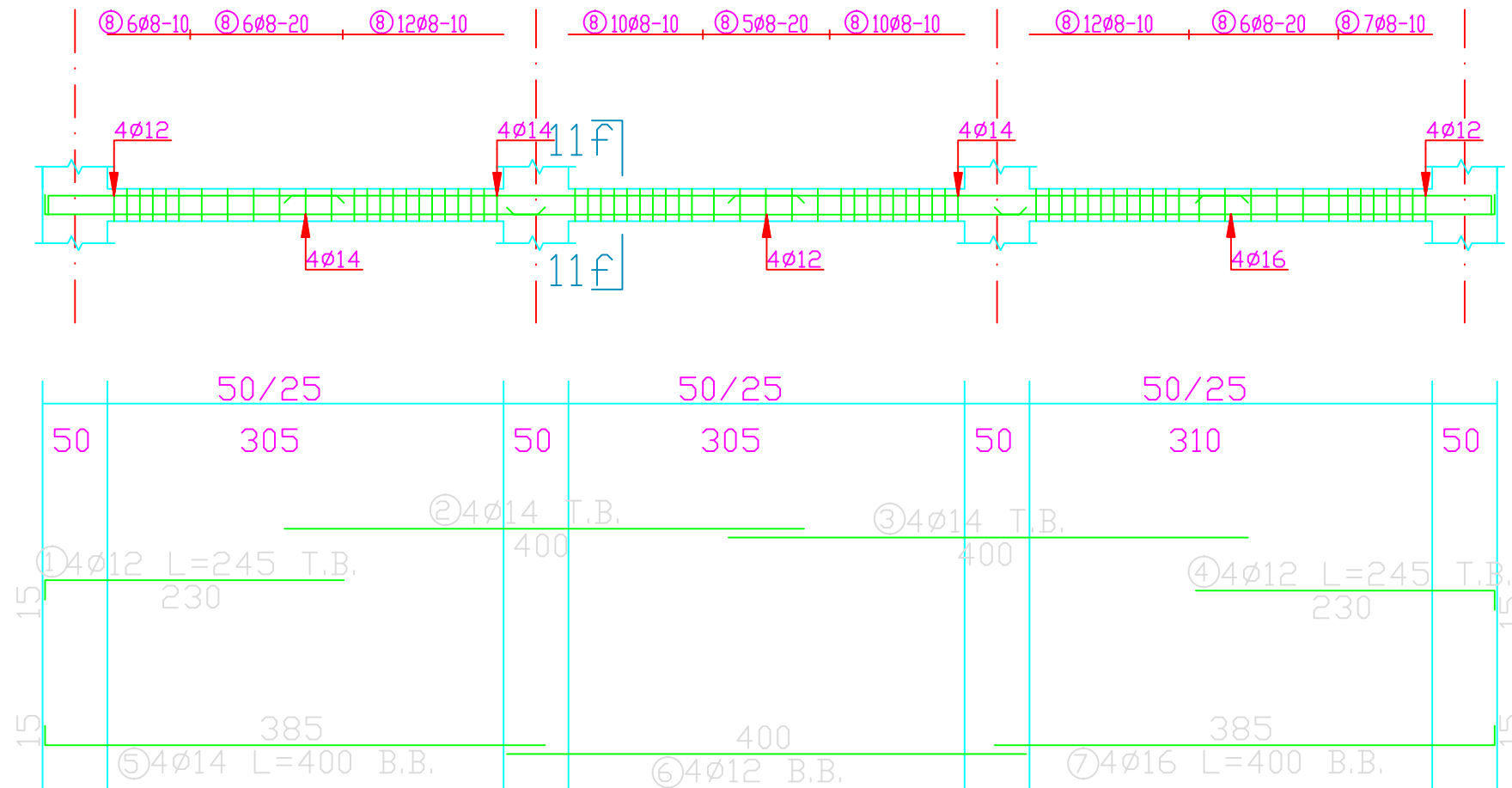


1:100

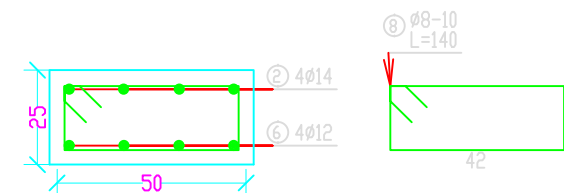
تفاصيل الجسور
S 35



B11-F[50/25]



1:50



11f-11f
1:20

تفاصيل الجسور
536

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Supervisor :
Eng.Hamdi Idais

Group of work:
● Ahmad saleh
● Klaled Knatry
● Mohamed Gadir

Note:

Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

تفاصيل الجسور

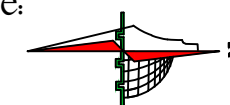


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Note:

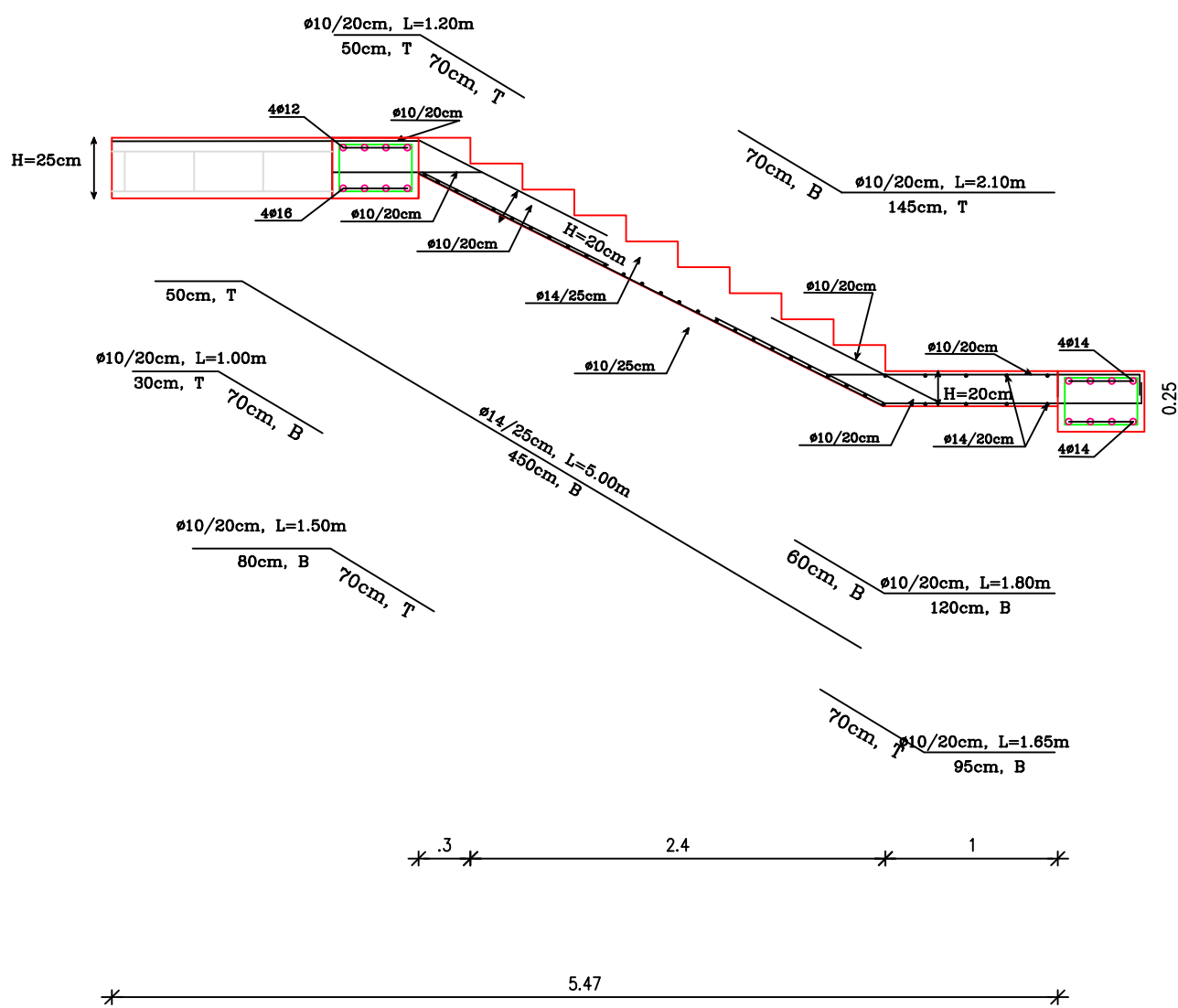
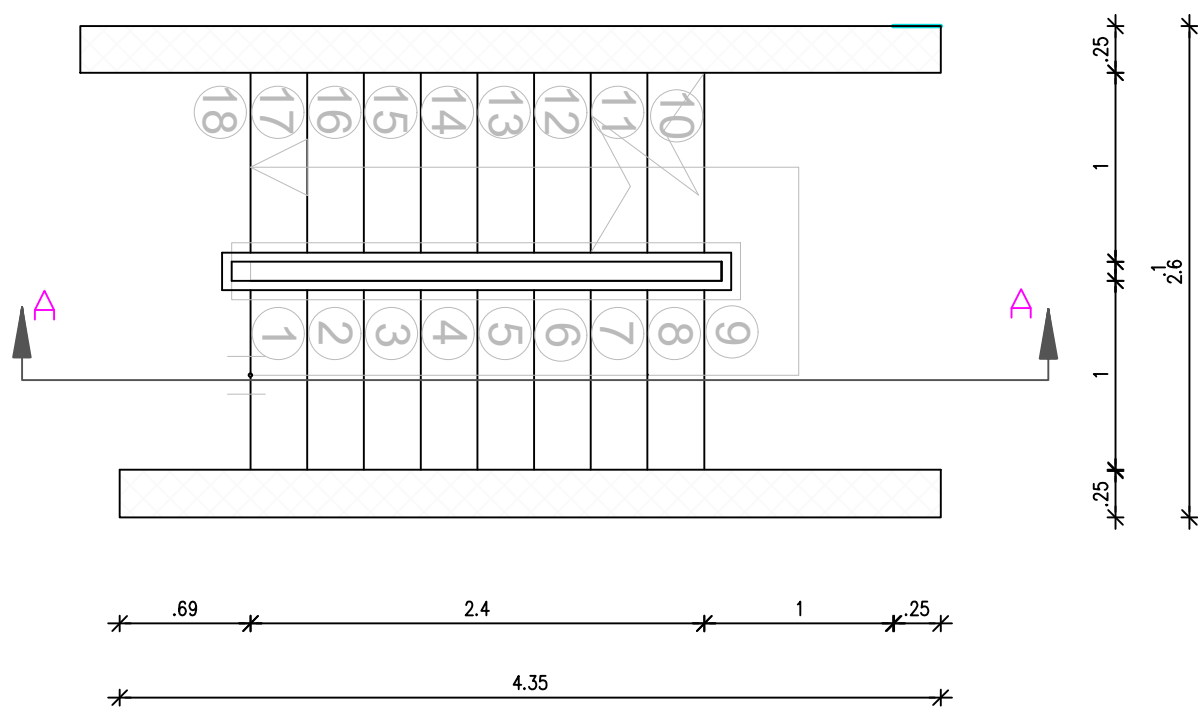


Legend :

| | | | |
|--|----------------------|--|----------|
| | BAKLAVA TILES | | Gravel |
| | R. Concrete | | Wood |
| | HEXAGONAL TILES | | Concrete |
| | Hollow Block | | Stone |
| | isolating materiales | | GRASS |

Scale 1/100

تفاصيل تسليح الدرج



تفاصيل تسليح الدرج

S 37

