

PROJET DE CONSTRUCTION

CONCEPT YRYS

2, Route d'Ancinnes
61000 Alençon



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MAITRE D'OUVRAGE :

MAITRE D'OEUVRE :

LAFARGE

CARNET DE FERRAILLAGE

LONGRINES

DESSINE : -

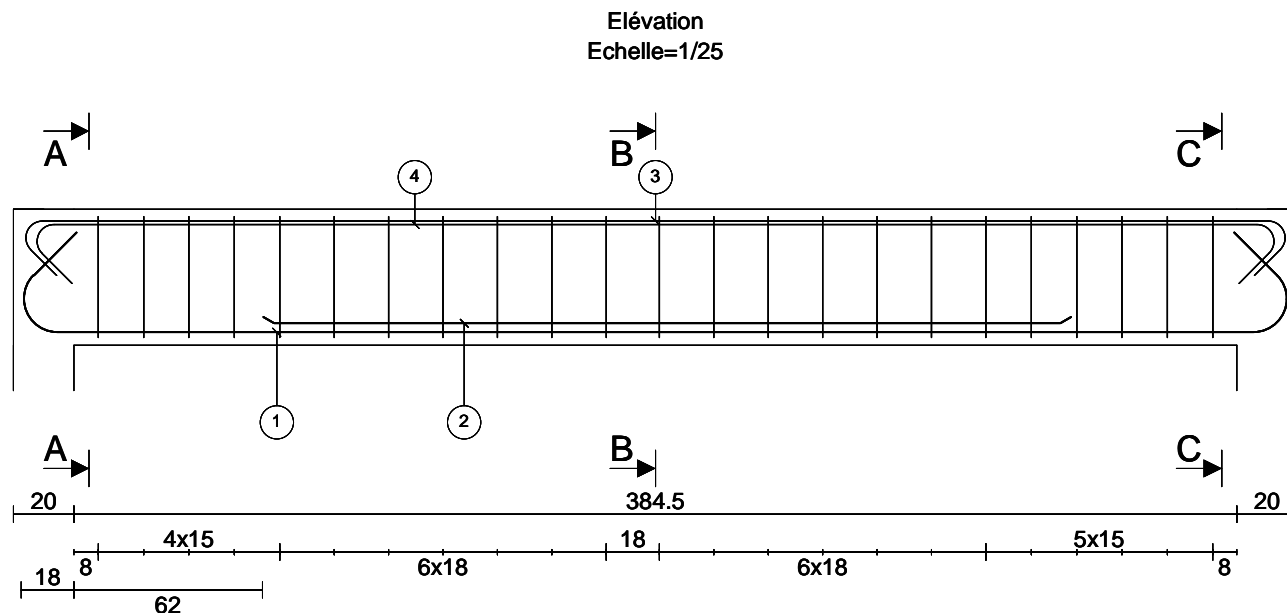
AFFAIRE N° : ING:17.011

DATE : 05/03/2017

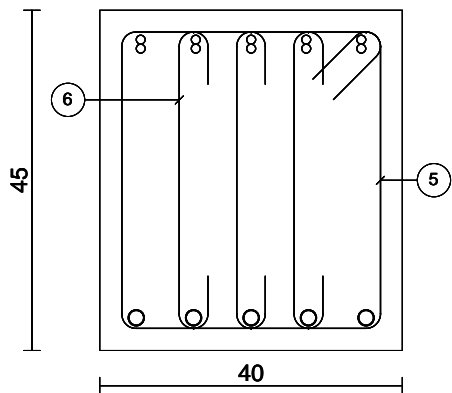
ECHELLES : 1/50

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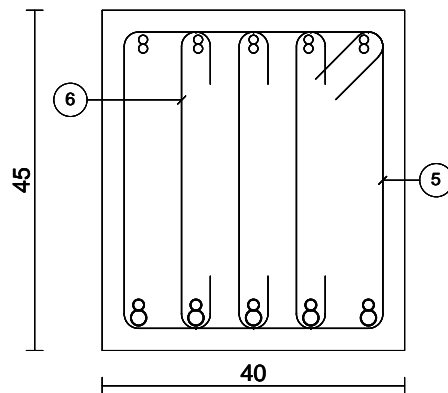
MODIFICATIONS			PLAN N°	IND.
IND.	DATE	OBJET		
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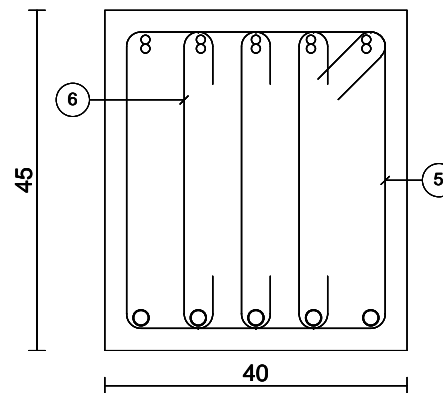
Coupe A-A
Echelle=1/10



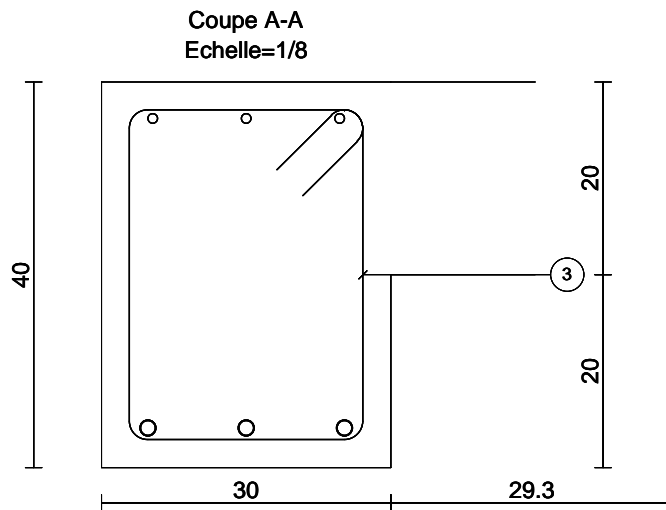
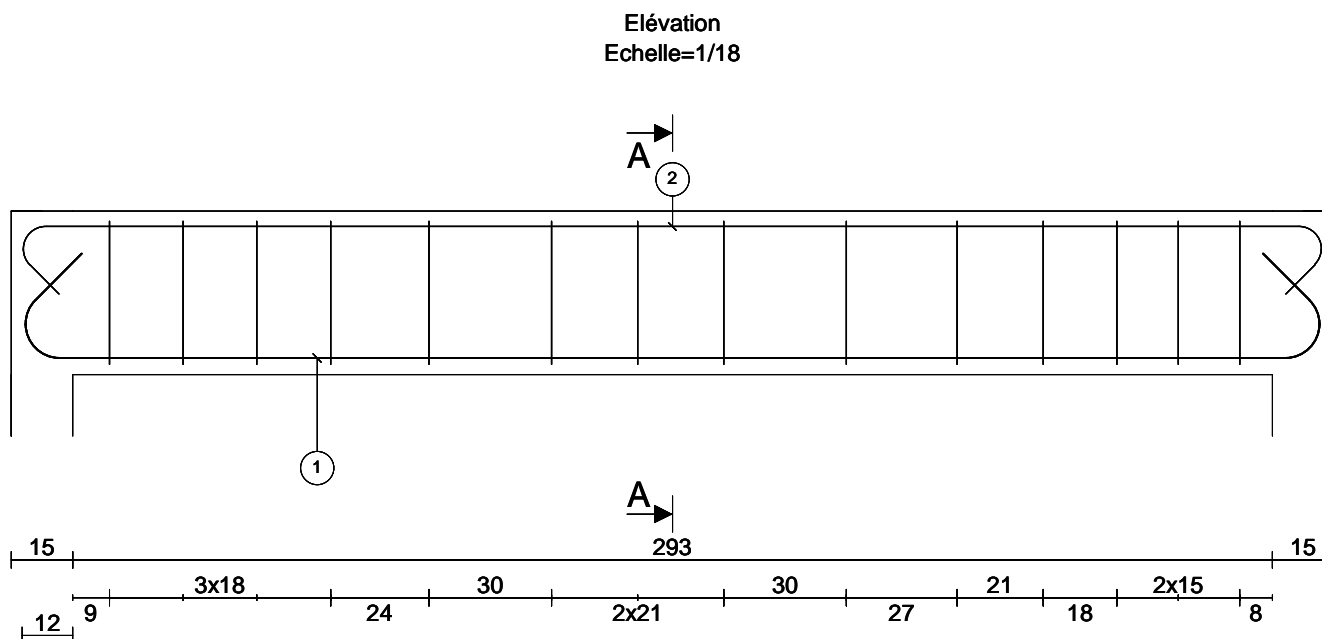
Coupe B-B
Echelle=1/10



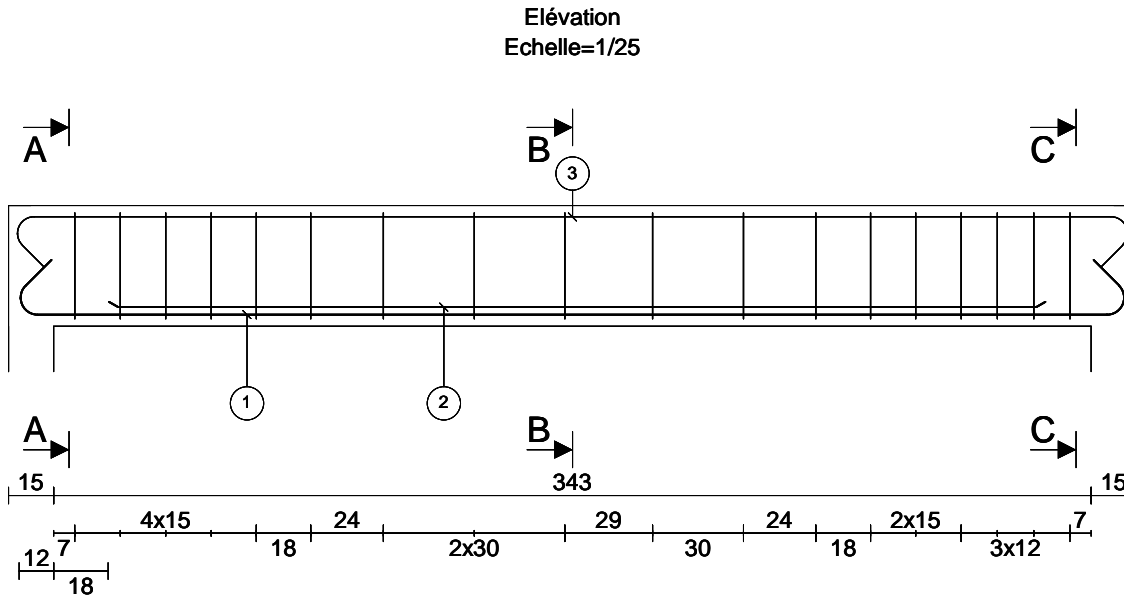
Coupe C-C
Echelle=1/10



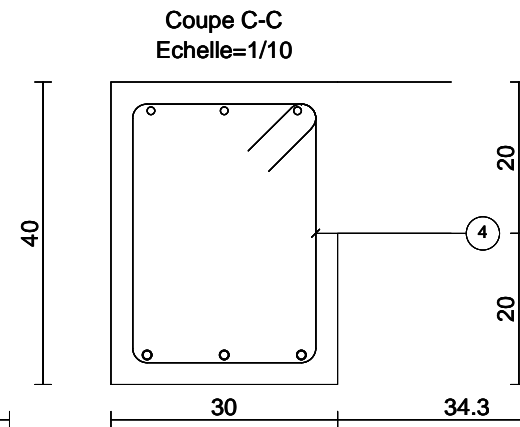
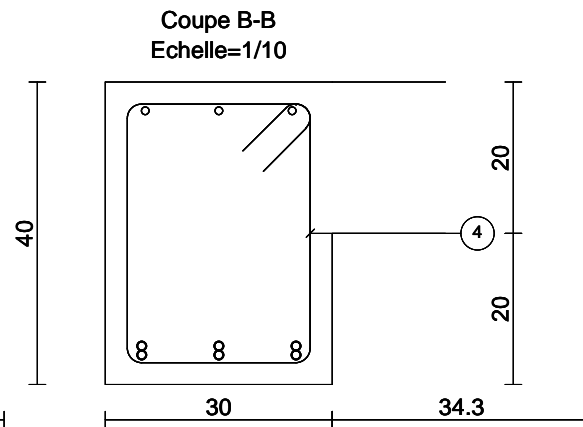
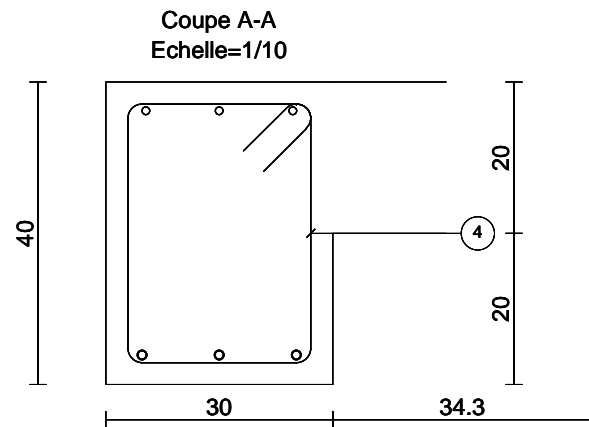
Barre	Lg	Forme
1	5HA20	487 135° 420 135
2	5HA14	268
3	5HA12	455 135° 418 135
4	5HA12	452 135° 410 135
5	23HA8	166 40 35
6	69HA8	57 40
Barre		Lg/Poids
HA8		77.6/30.7
HA12		45.4/40.3
HA14		13.4/16.2
HA20		24.4/60.1



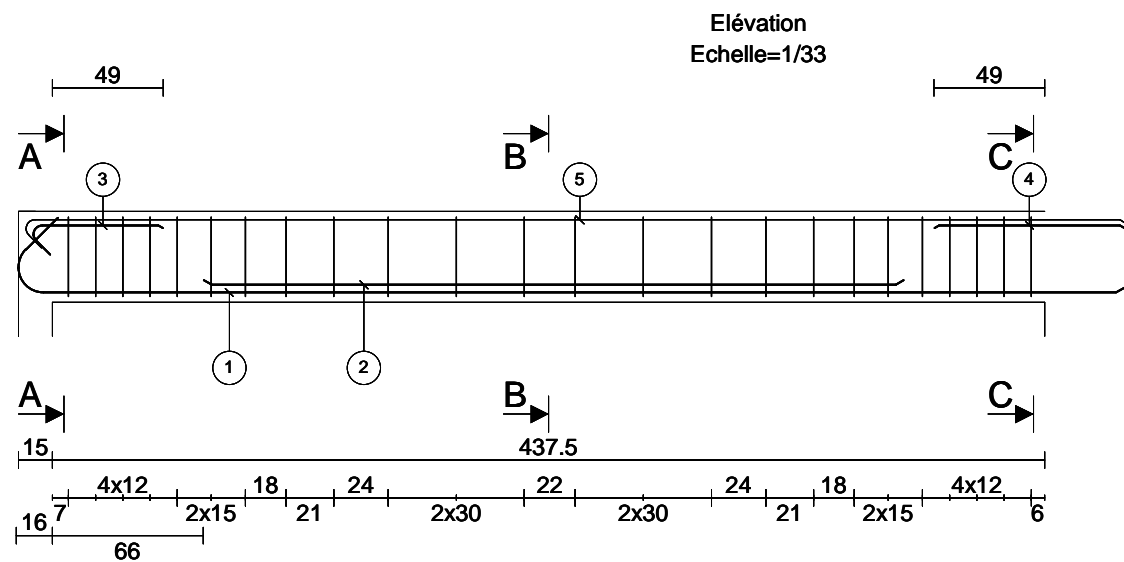
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1	3HA16	371	 135° 318 135
2	3HA10	352	 135° 318 135
3	14HA8	136	 25 35
Barre		Lg/Poids	
HA8		19.0/7.5	
HA10		10.6/6.5	
HA16		11.1/17.5	



	Barre	Lg	Forme
1	3HA12	404	135° 366 135
2	3HA12	310	310
3	3HA10	402	135° 368 135
4	18HA8	136	25 35

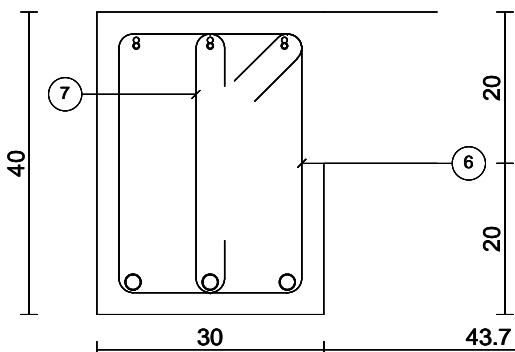


Barre	Lg/Poids
HA8	24.4/9.6
HA10	12.1/7.4
HA12	21.4/19.0

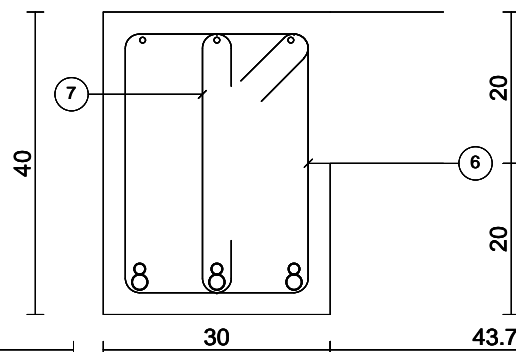


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1	3HA20	524	135° 490
2	3HA14	309	309
3	3HA8	71	58 135
4	3HA8	84	84
5	3HA8	498	485 135
6	24HA8	136	35 25
7	24HA8	52	35

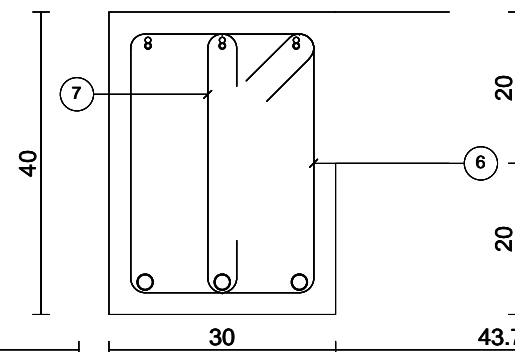
Coupe A-A
Echelle=1/10



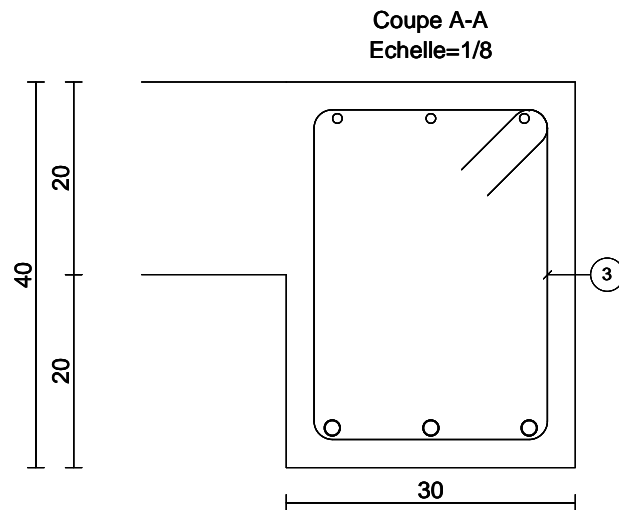
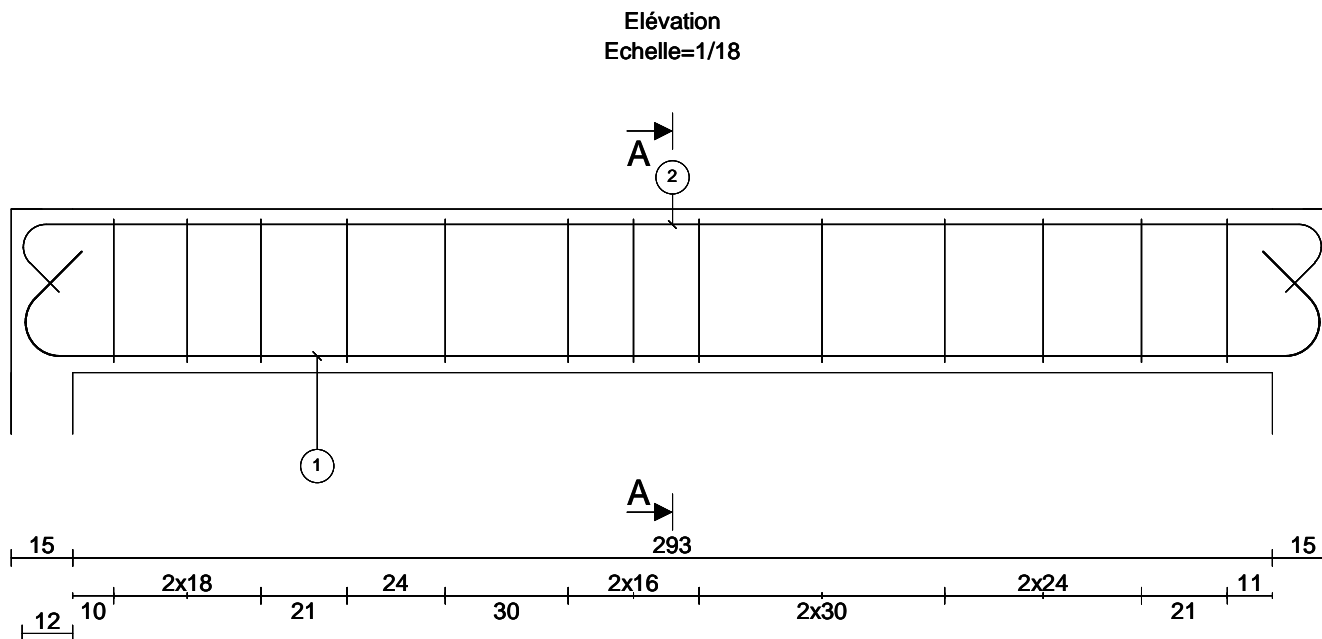
Coupe B-B
Echelle=1/10



Coupe C-C
Echelle=1/10

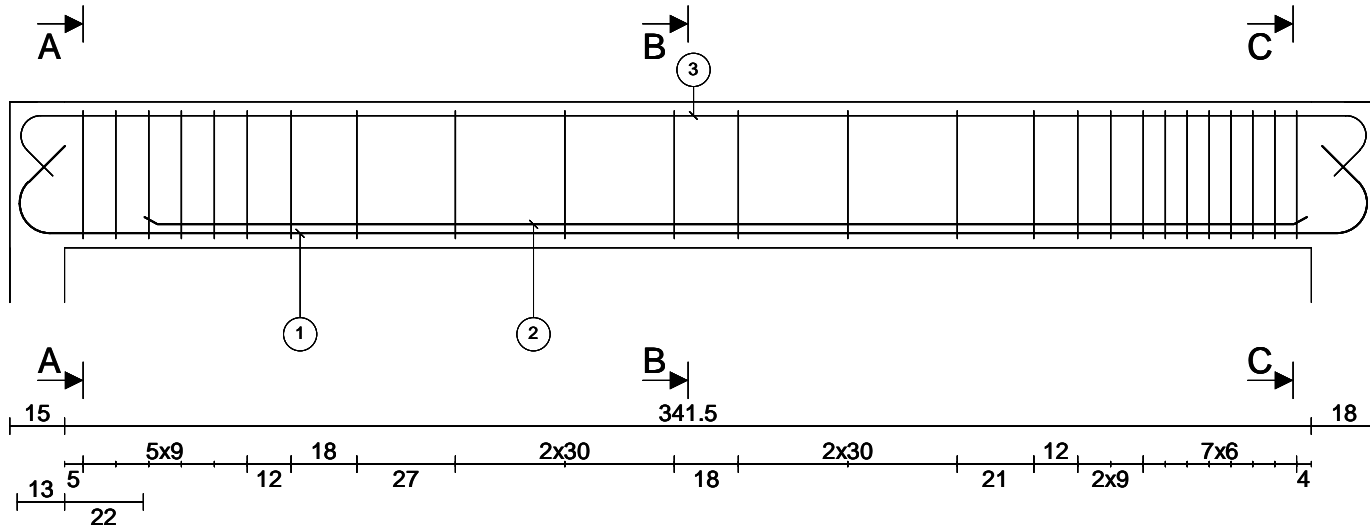


Barre	Lg/Poids
HA8	64.7/25.5
HA14	9.3/11.2
HA20	15.7/38.8

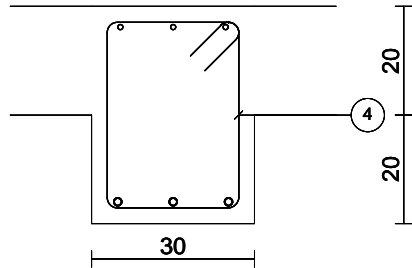


	Barre	Lg	Forme
1	3HA16	371	25 318 135 135°
2	3HA10	352	16 318 135 135°
3	13HA8	136	25 35
Barre		Lg/Poids	
HA8		17.6/7.0	
HA10		10.6/6.5	
HA16		11.1/17.5	

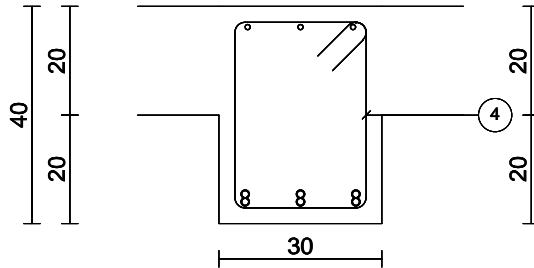
Elévation
Echelle=1/21



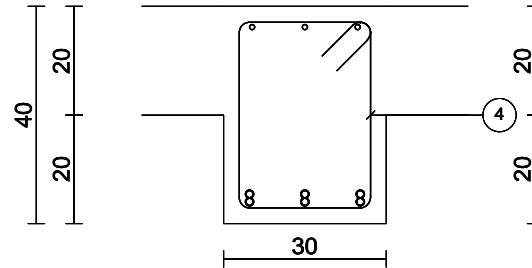
Coupe A-A
Echelle=1/14



Coupe B-B
Echelle=1/14

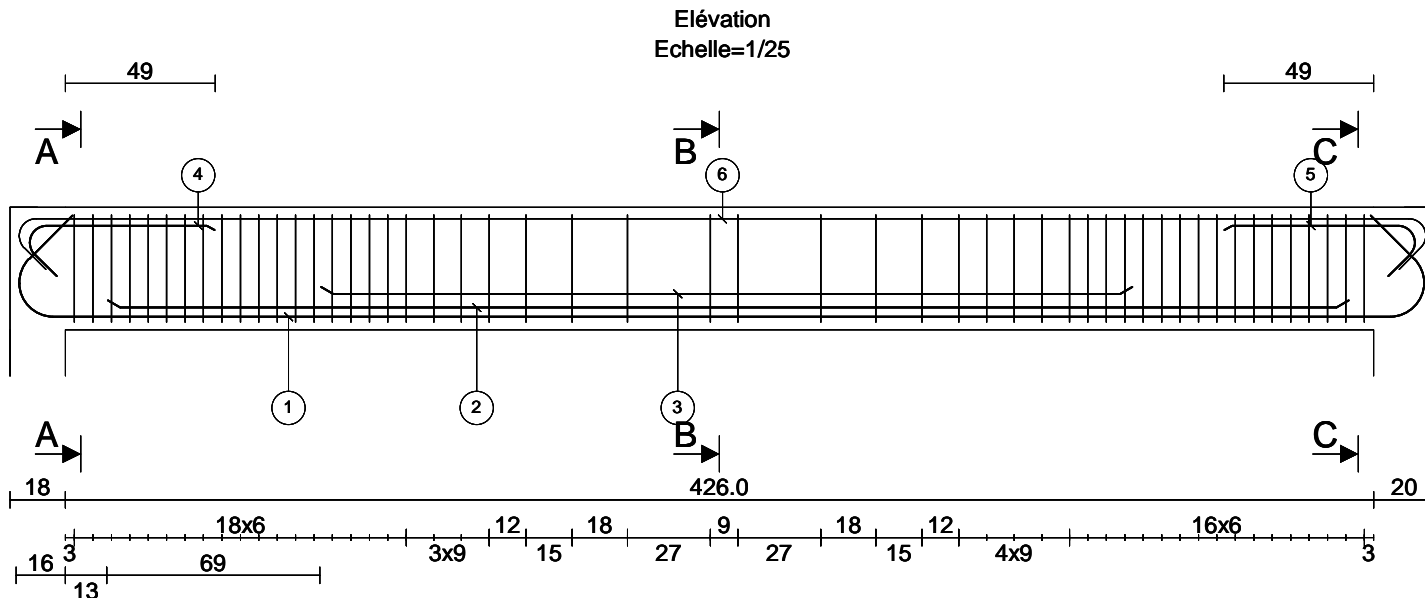


Coupe C-C
Echelle=1/14



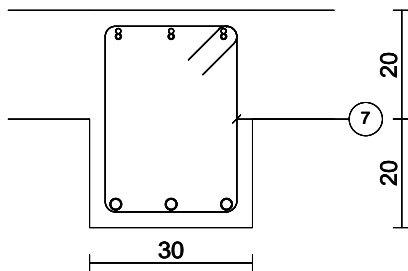
Barre	Lg	Forme
1	3HA14	419 135° 371 135
2	3HA14	319
3	3HA10	403 135° 370 135
4	25HA8	136 35 25
Barre		Lg/Poids
HA8		33.9/13.4
HA10		12.1/7.5
HA14		22.2/26.8

- Date 12/02/17 -

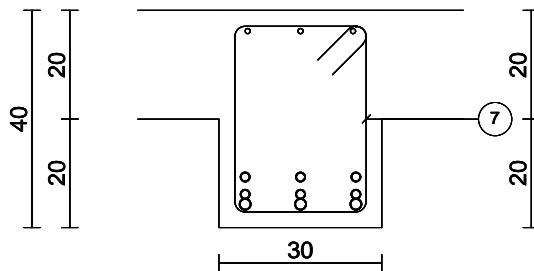


	Barre	Lg	Forme
1	3HA20	527	135° 459 135
2	3HA16	405	405
3	3HA16	265	265
4	3HA10	78	16° 61 135
5	3HA10	80	16° 135 63
6	3HA10	493	16° 135 459 135
7	51HA8	136	35 25

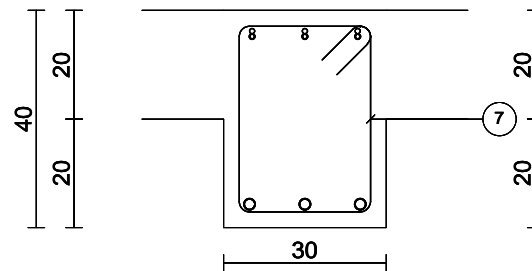
Coupe A-A
Echelle=1/14



Coupe B-B
Echelle=1/14

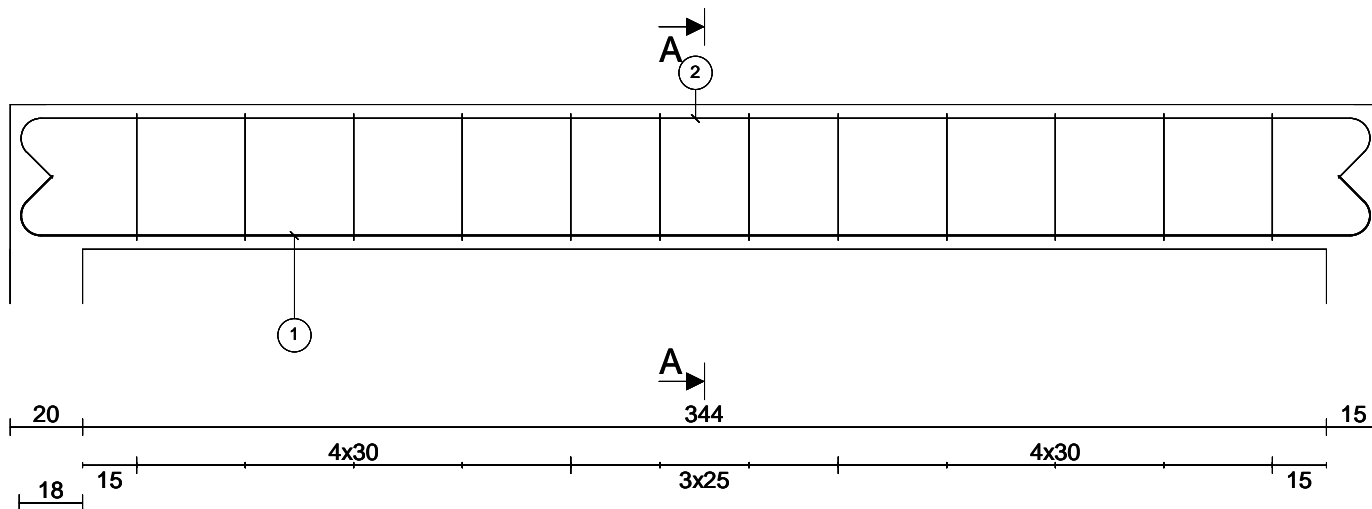


Coupe C-C
Echelle=1/14

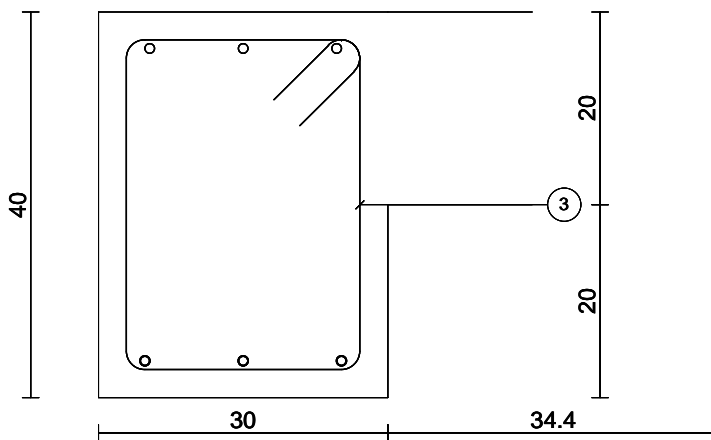


Barre	Lg/Poids
HA8	69.1/27.3
HA10	19.5/12.0
HA16	20.1/31.7
HA20	15.8/39.0

Elévation
Echelle=1/21

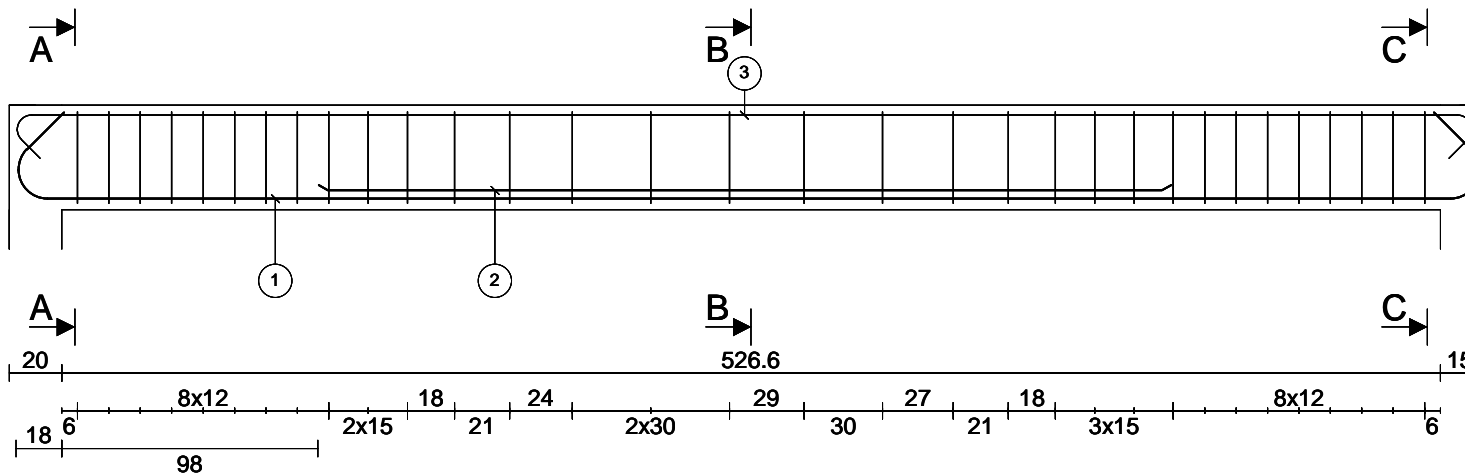


Coupe A-A
Echelle=1/8

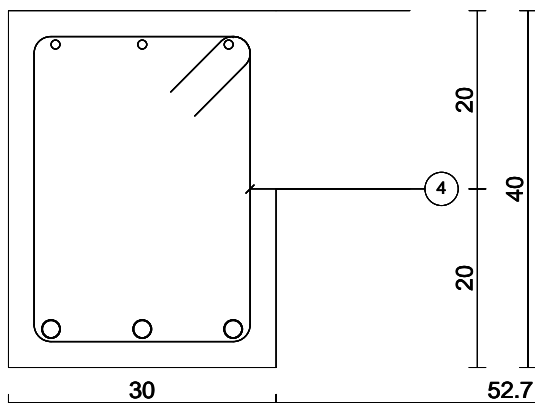


	Barre	Lg	Forme
1	3HA10	408	135° 374 135
2	3HA10	408	135° 374 135
3	12HA8	136	25 35
Barre		Lg/Poids	
HA8		16.3/6.4	
HA10		24.5/15.1	

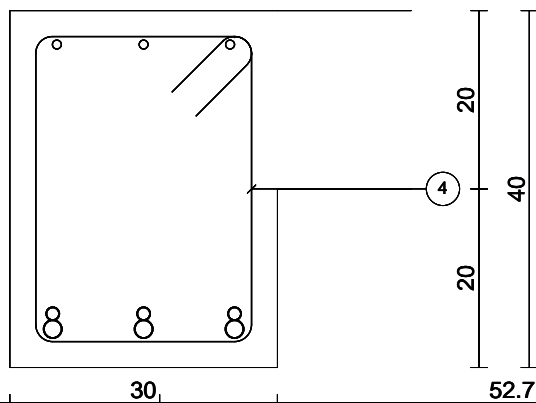
Elévation
Echelle=1/29



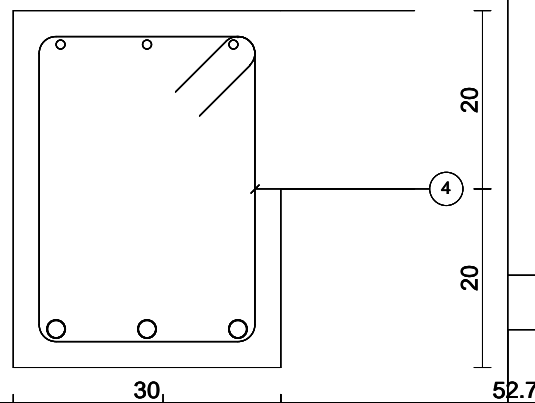
Coupe A-A
Echelle=1/8



Coupe B-B
Echelle=1/8

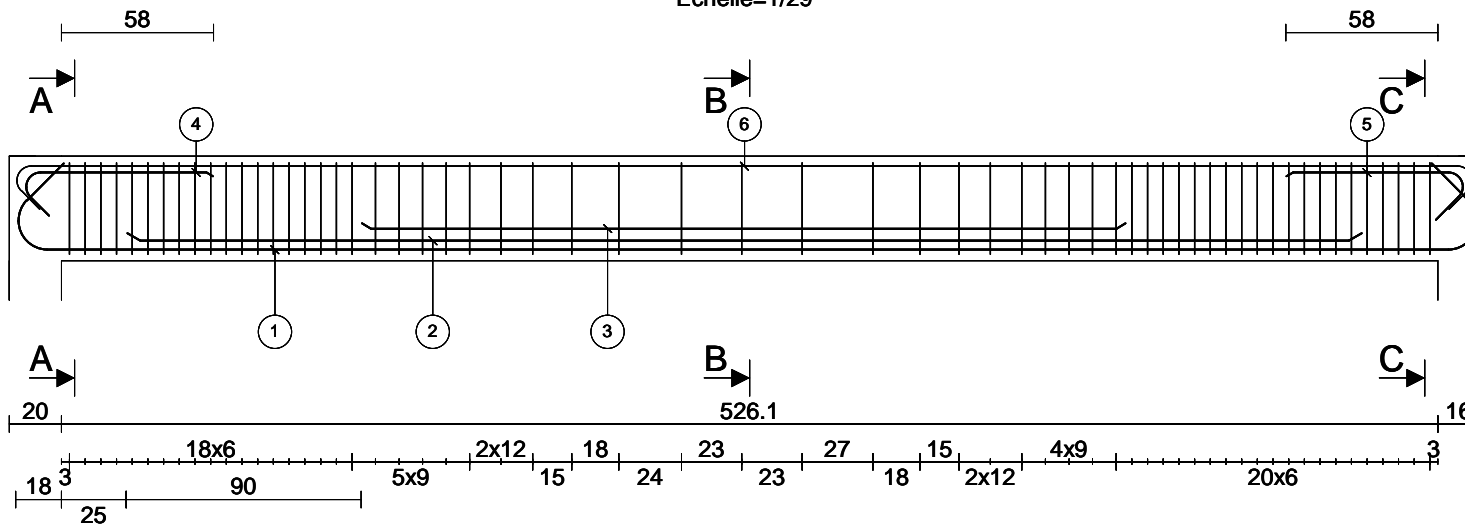


Coupe C-C
Echelle=1/8

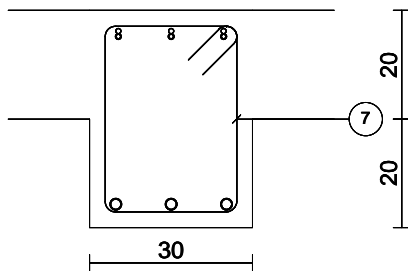


Barre	Lg	Forme
1	3HA20	628 135° 560 135
2	3HA14	326
3	3HA10	590 135° 557 135
4	32HA8	136 25 35
Barre		Lg/Poids
HA8		43.4/17.1
HA10		17.7/10.9
HA14		9.8/11.8
HA20		18.8/46.5

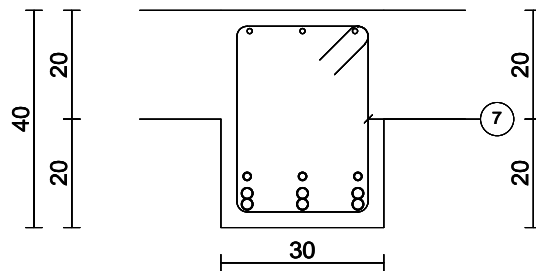
Elévation
Echelle=1/29



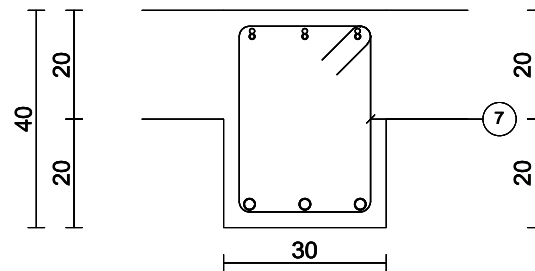
Coupe A-A
Echelle=1/14



Coupe B-B
Echelle=1/14

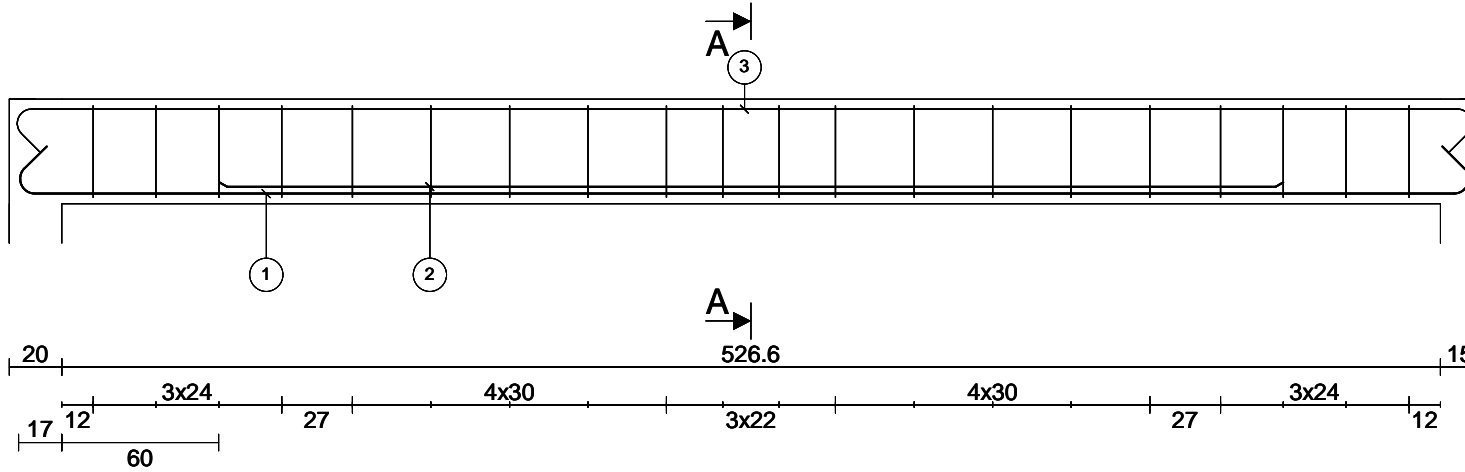


Coupe C-C
Echelle=1/14

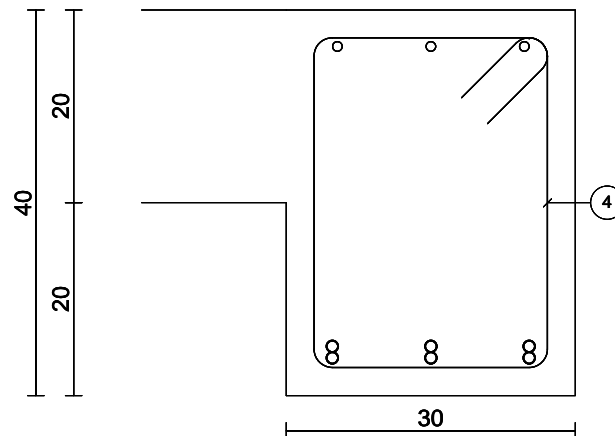


Barre	Lg	Forme
1	3HA20	627 135° 560 135
2	3HA20	473
3	3HA14	293
4	3HA10	89 72 135
5	3HA10	87 135° 78 68
6	3HA10	591 135° 76 76 557 135
7	60HA8	136 35 25
Barre		Lg/Poids
HA8		81.3/32.1
HA10		23.0/14.2
HA14		8.8/10.6
HA20		33.0/81.4

Élévation
Echelle=1/29

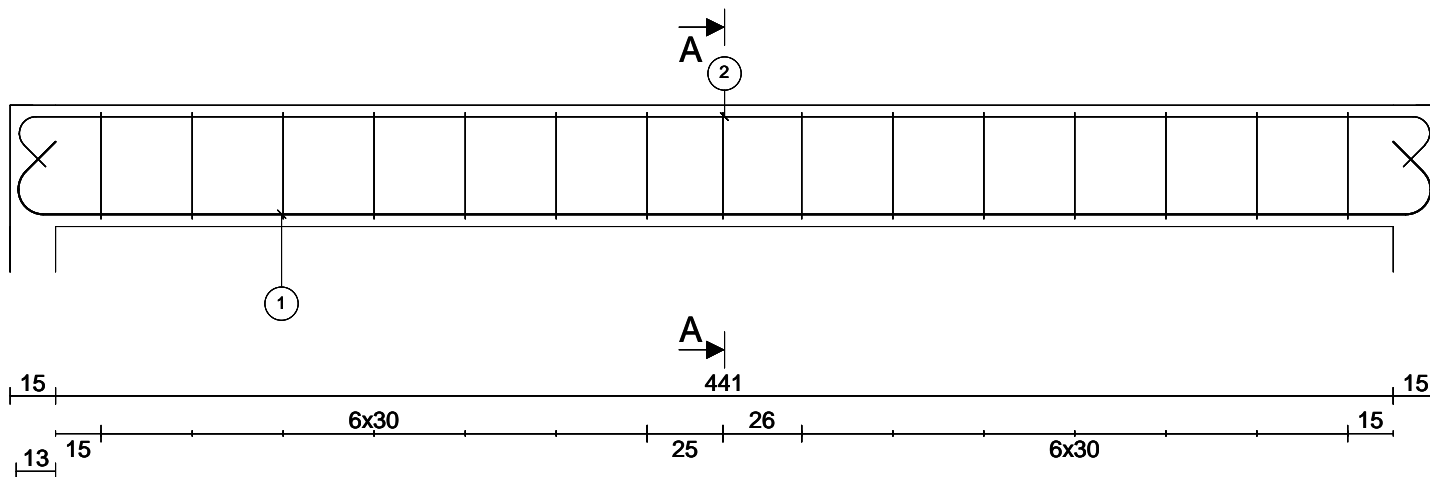


Coupe A-A
Echelle=1/8

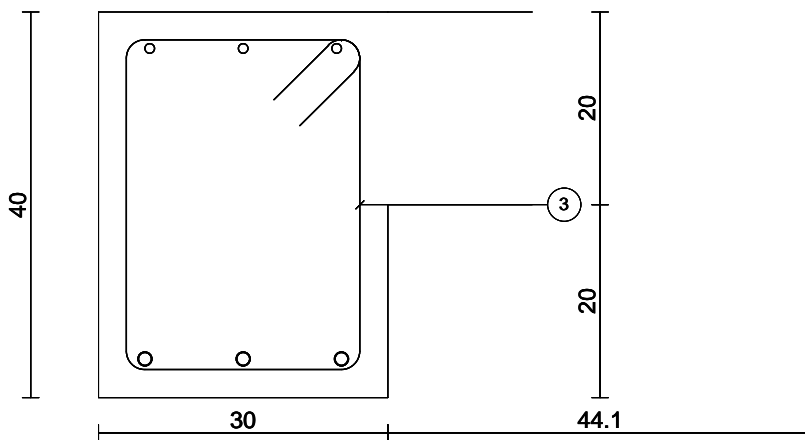


	Barre	Lg	Forme
1	3HA12	593	135° 555 135
2	3HA12	407	407
3	3HA10	590	135° 557 135
4	20HA8	136	25 35
Barre		Lg/Poids	
HA8		27.1/10.7	
HA10		17.7/10.9	
HA12		30.0/26.6	

Elévation
Echelle=1/25



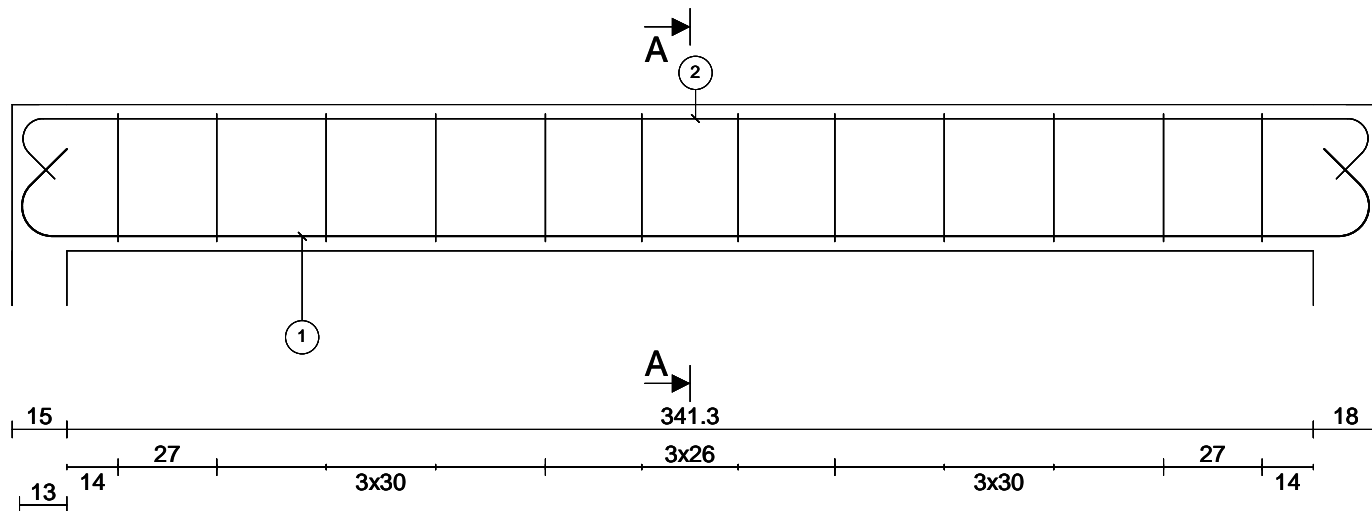
Coupe A-A
Echelle=1/8



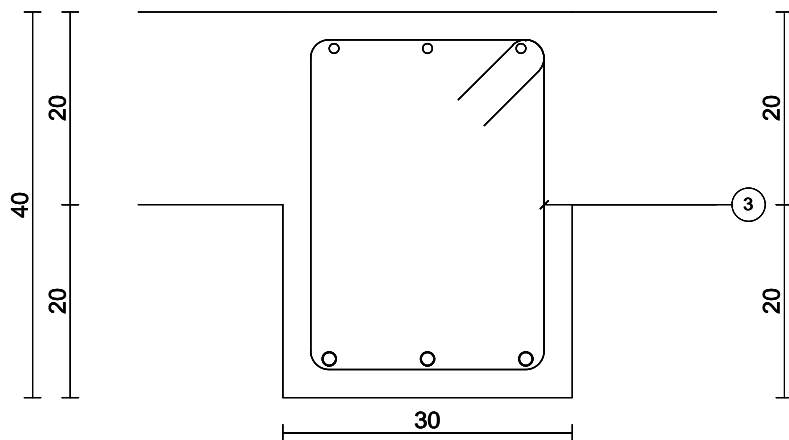
	Barre	Lg	Forme
1	3HA14	516	135° 467 135
2	3HA10	500	135° 466 135
3	15HA8	136	35 25
Barre		Lg/Poids	
HA8		20.3/8.0	
HA10		15.0/9.3	
HA14		15.5/18.7	

- 1 étages -

Elévation
Echelle=1/21

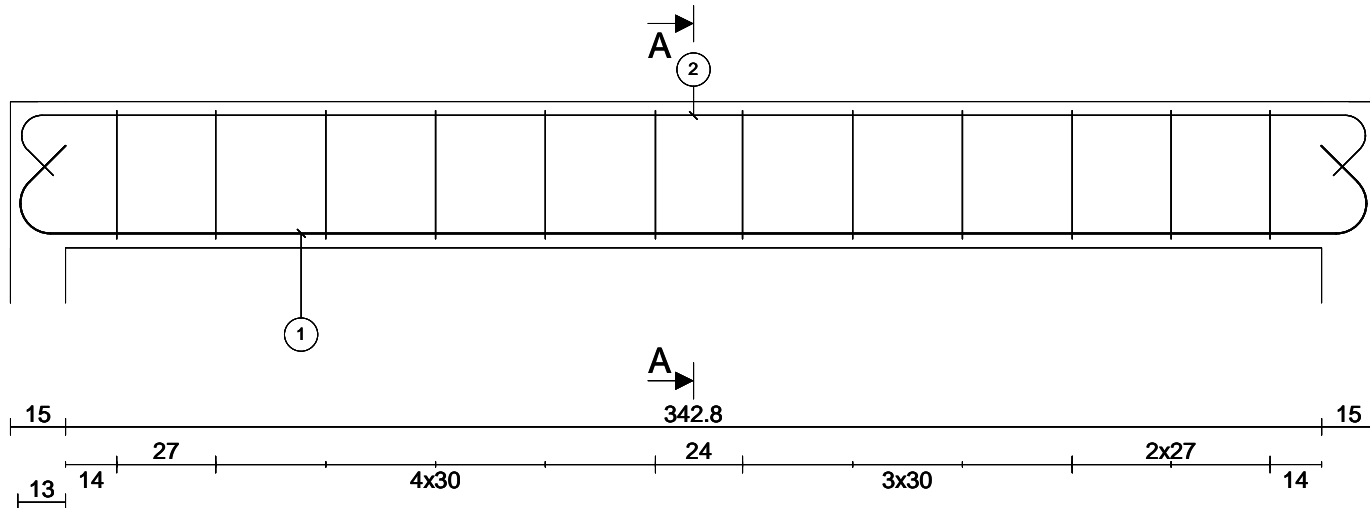


Coupe A-A
Echelle=1/8

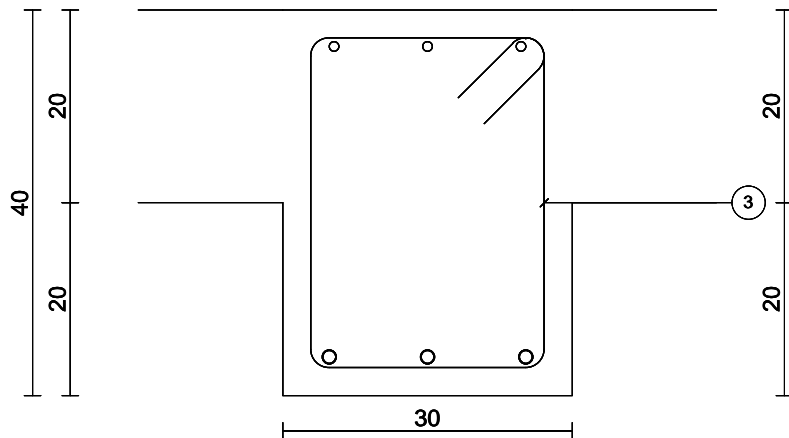


	Barre	Lg	Forme
1	3HA14	419	135° 370 135
2	3HA10	403	135° 369 135
3	12HA8	136	25 35
Barre		Lg/Poids	
HA8		16.3/6.4	
HA10		12.1/7.5	
HA14		12.6/15.2	

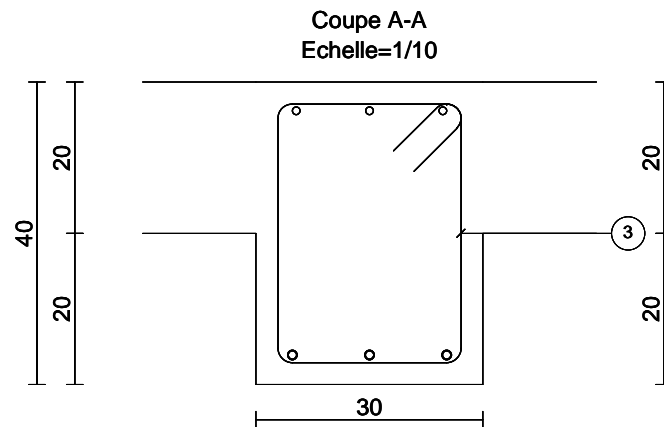
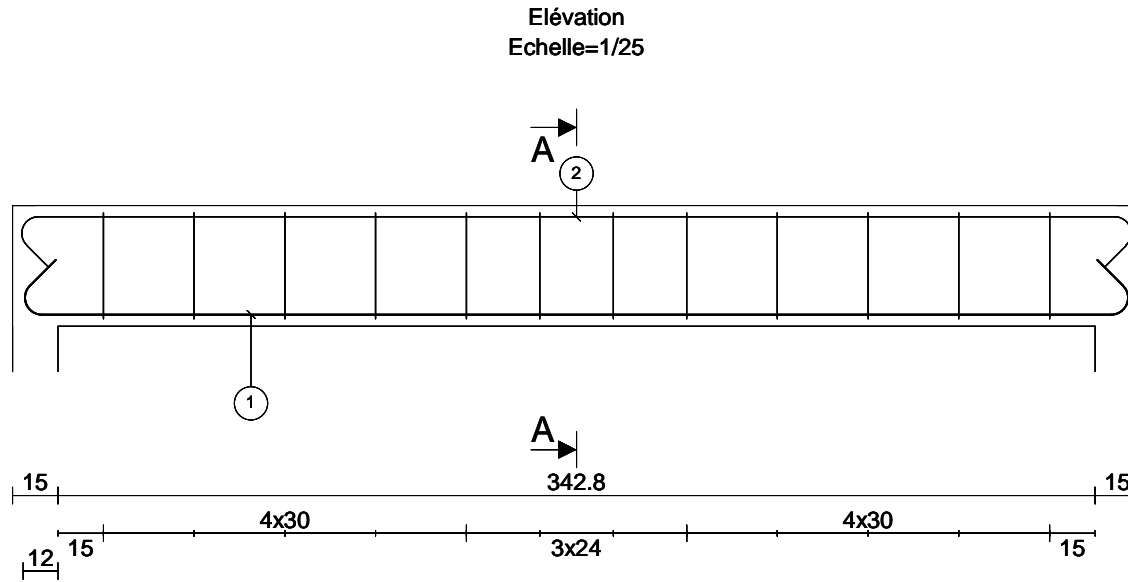
Elévation
Echelle=1/21



Coupe A-A
Echelle=1/8

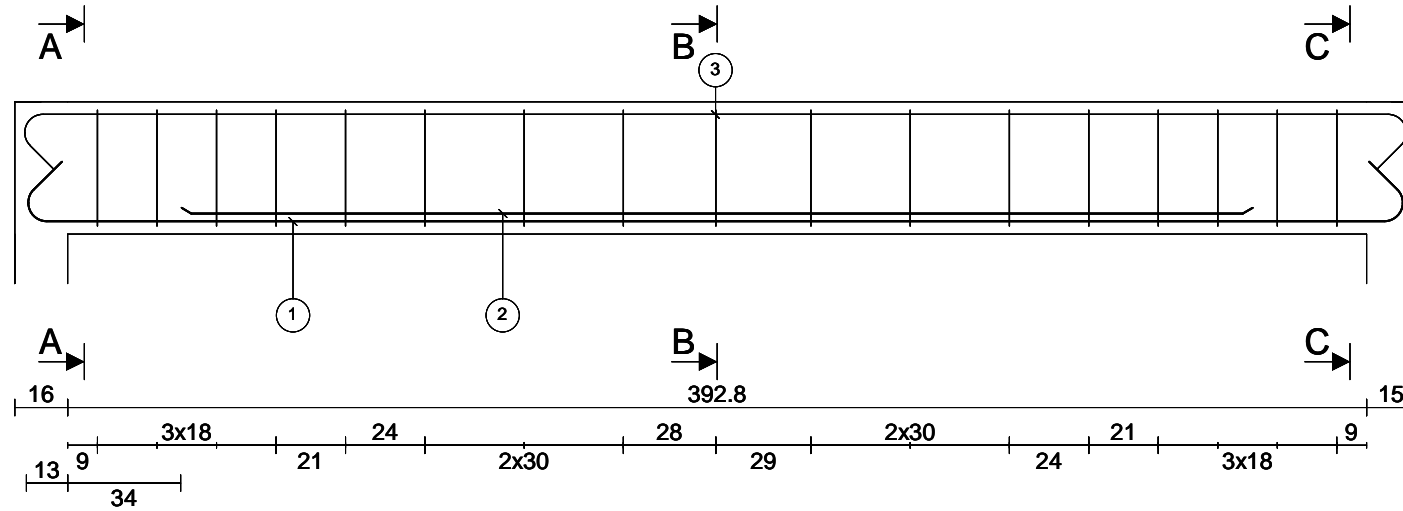


	Barre	Lg	Forme
1	3HA14	418	135° 369 135
2	3HA10	402	135° 368 135
3	12HA8	136	35 25
Barre		Lg/Poids	
HA8		16.3/6.4	
HA10		12.1/7.4	
HA14		12.5/15.1	

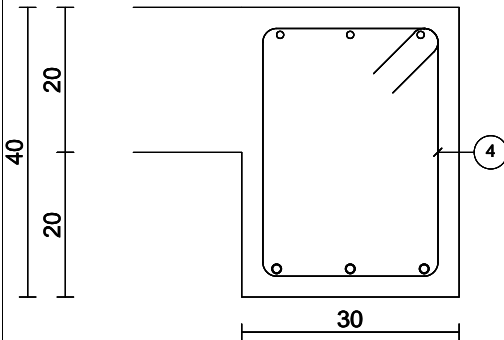


	Barre	Lg	Forme
1	3HA12	404	135° 366 135
2	3HA10	402	135° 368 135
3	12HA8	136	35 25
Barre		Lg/Poids	
HA8		16.3/6.4	
HA10		12.1/7.4	
HA12		12.1/10.8	

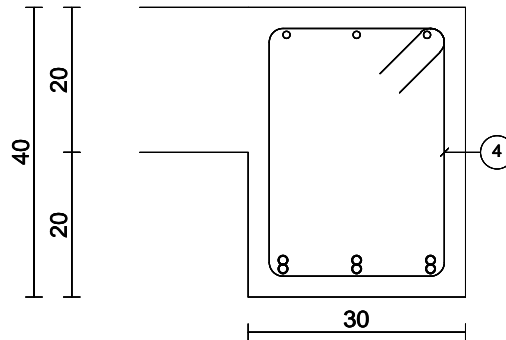
Elévation
Echelle=1/23



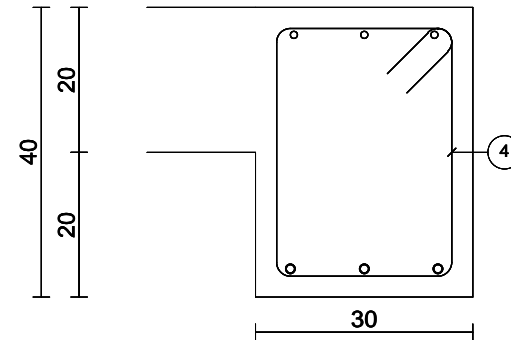
Coupe A-A
Echelle=1/10



Coupe B-B
Echelle=1/10



Coupe C-C
Echelle=1/10

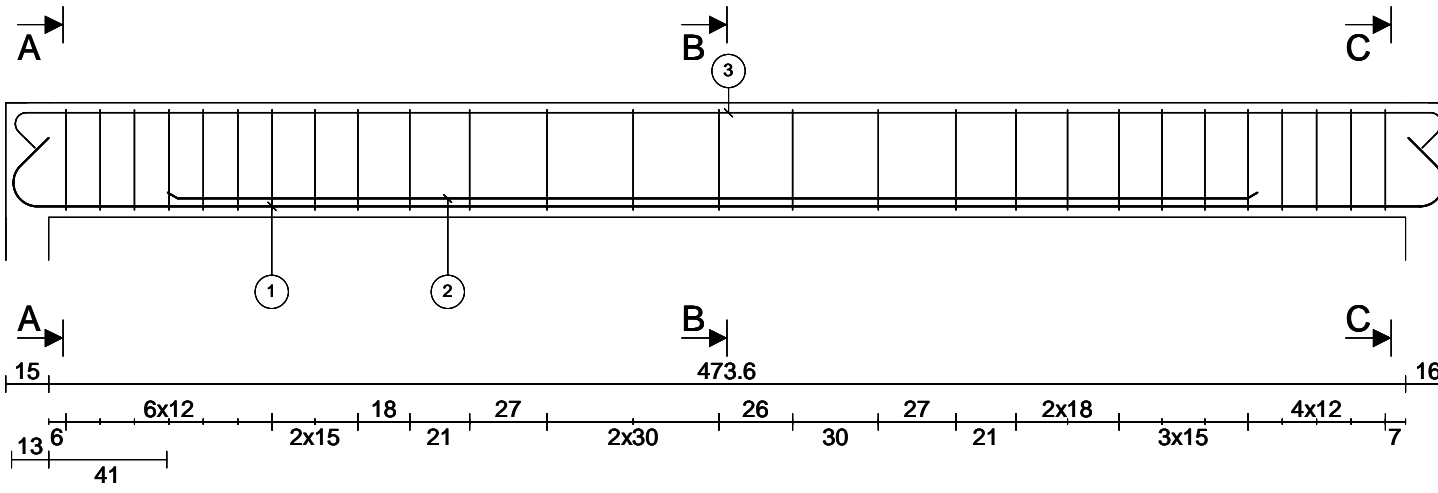


Barre	Lg	Forme
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2	3HA12	325
3	3HA10	453 135° 419 135
4	17HA8	136 25 35

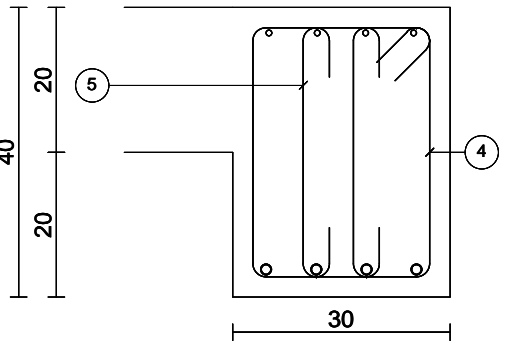
Barre	Lg/Poids
HA8	23.0/9.1
HA10	13.6/8.4
HA12	23.4/20.8

	Barre	Lg	Forme
1	4HA14	549	135° 501 135
2	4HA14	381	381
3	4HA8	524	135° 499 135
4	27HA6	132	25 35
5	54HA6	52	35

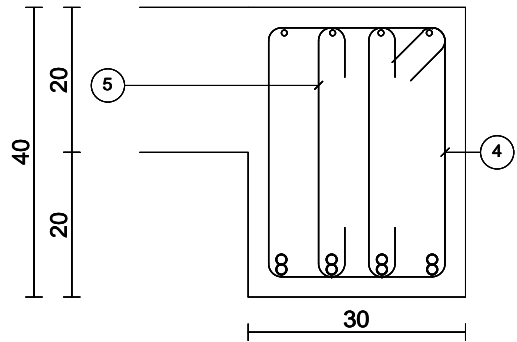
Elévation
Echelle=1/26



Coupe A-A
Echelle=1/10



Coupe B-B
Echelle=1/10



Coupe C-C
Echelle=1/10

