

**ATTENTION * AU SENS DE POSE DES POUTRES
* ET CLASSE DE BETON**

HYPOTHESES DE CALCUL

BPE = VOIR NOTA

Aciers HA FeE 500 MPa

Enrobage 5cm

Coupe feu : 2h

Séisme : 2(faible) – catégorie 2

CHARGES

daN/m ²	PARKING				
ch perm.G	50				
ch expl.Q	250				

CE PLAN RESTE LA PROPRIETE DE SETB IL NE PEUT
ETRE COMMUNIQUE OU REPRODUIT SANS AUTORISATION

Ingénieur

K.NGUILI

Dessinateur

D. MATHE

A	12.01.2018	AJOUT Po227 – MODIF Po203–Po204 & Po246 (plans 12–01–2018)
0	05.01.2018	Première diffusion
INDICE	DATE	DESIGNATION



INGENIERIE . BTP

ZAC de la Poulasse – Avenue de Lion – 83210 SOLLIES PONT
TEL : 04.94.48.41.90 – FAX : 04.94.48.78.25 – E.Mail : bet-setb@wanadoo.fr

MAITRE D'OUVRAGE



MAITRE D'OEUVRE



ARCHITECTE



ENTREPRISE



BUREAU DE
CONTROLE

QUALICONSULT Marseille

OFIL DE L'EAU

550 AVENUE DE LA LIBERATION
83150 BANDOL

**BATIMENT B
PL HT R-1
POUTRES**

ECHELLE

1/50

AFFAIRE n°

V17–114

PLAN n°

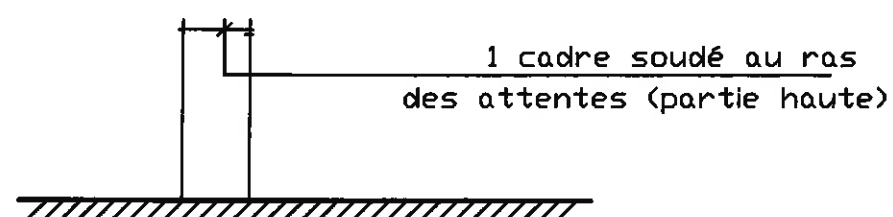
EXE 203B

Ferraillage

SECURITE DES PERSONNES-ARMATURES EN ATTENTES

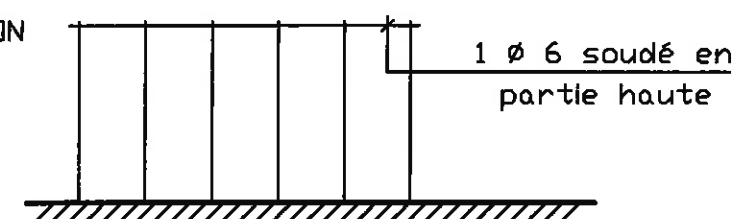
DTU N°21-2-224

POTEAUX ET RAIDISSEURS

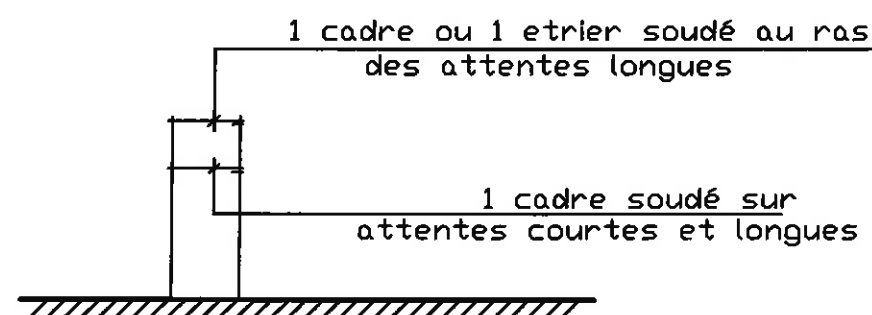


VOILES ET ATTENTES ISOLEES

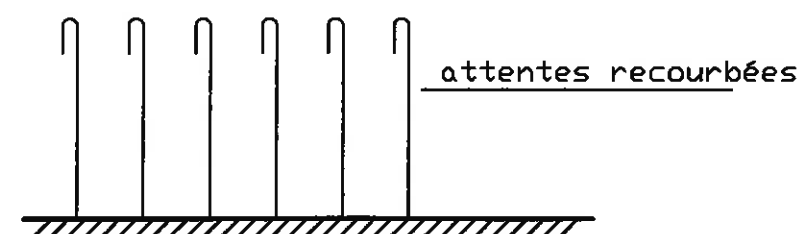
1° SOLUTION



POTEAUX AVEC ATTENTES DECALEES

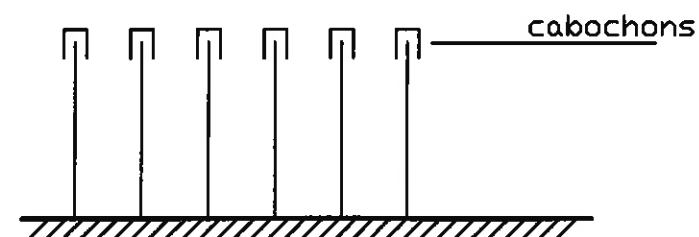
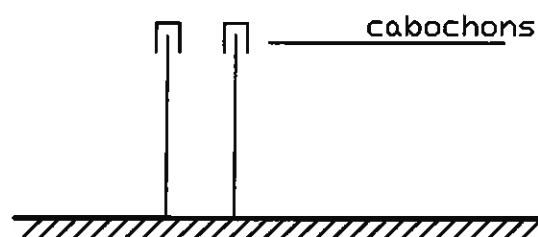


2° SOLUTION



NOTA: DANS LE CAS DE CROCHETS DANS LES ATTENTES ,
LES COUPER AVANT EXECUTION DES POTEAUX

3° SOLUTION



NOTA: Cabochons à enlever avant exécution poteaux, raidisseurs ou voiles



D FIL DE L'EAU

550 AVENUE DE LA LIBERATION
83150 BANDOL

V17-114

Carnet N°
EXE 203B

Feuille N°
1

Indice	Date	Modifications	Ech
0	19.12.2017	Première diffusion	
FICHE DE SECURITE			Ferrallage

ZAC de la Poulasse - Avenue de Lion - 83210 SOLLIES PONT - TEL : 04.94.48.41.90 - FAX : 04.94.48.78.25 - E-Mail : bet-setb@wanadoo.fr

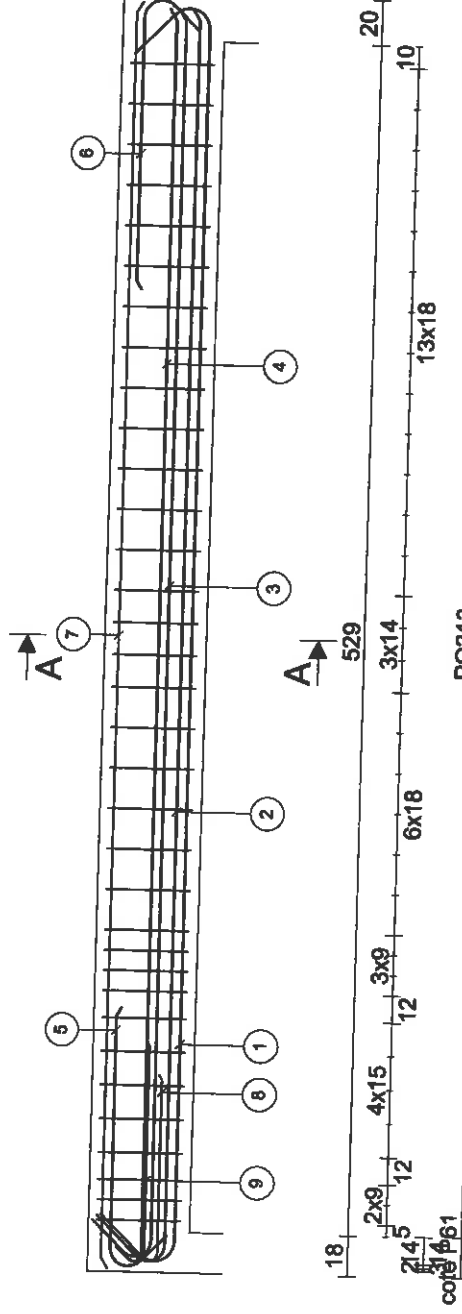
Section : 75 x 45ht

fcyk= 35 MPa fyk= 500 MPa Classe de ductilité A Coupe feu R 120

100

Elévation
Echelle=1/33

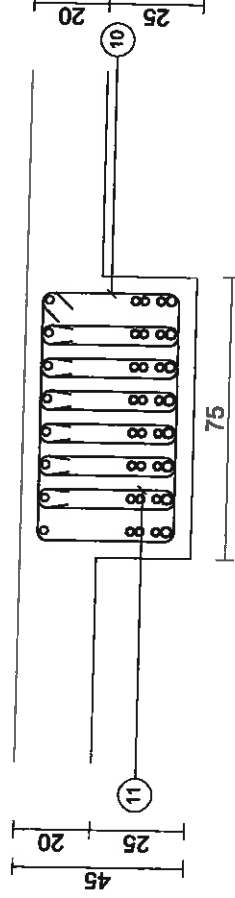
111



PO213

COTE VOILE

Coupe A-A
Echelle=1/20



Arche Poutre EC2 Version 2014

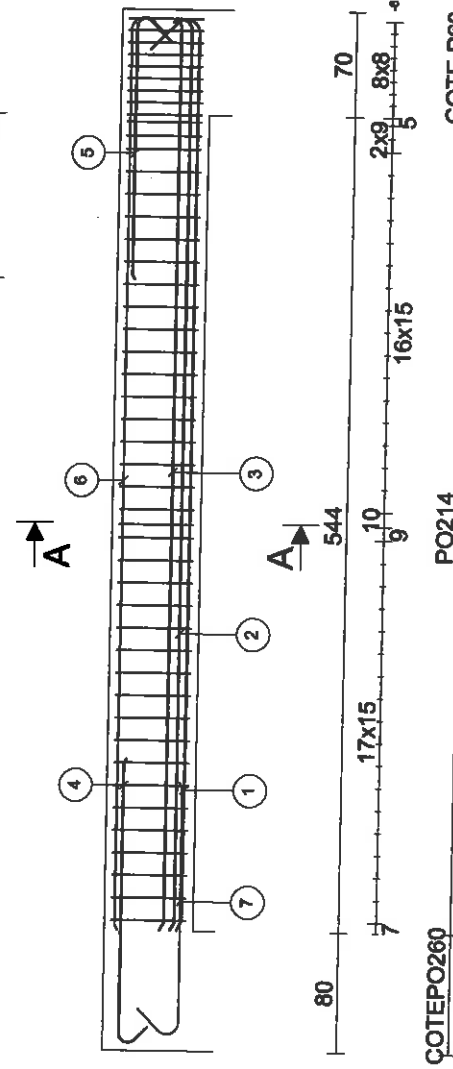
Section : 70 x 60ht

fcyk= 30 MPa fyk= 500 MPa Classe de ductilité A Coupe feu R 120

115

Elévation
Echelle=1/50

110

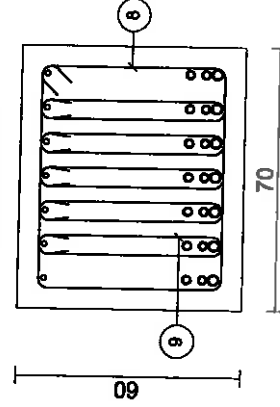


COTE PO260

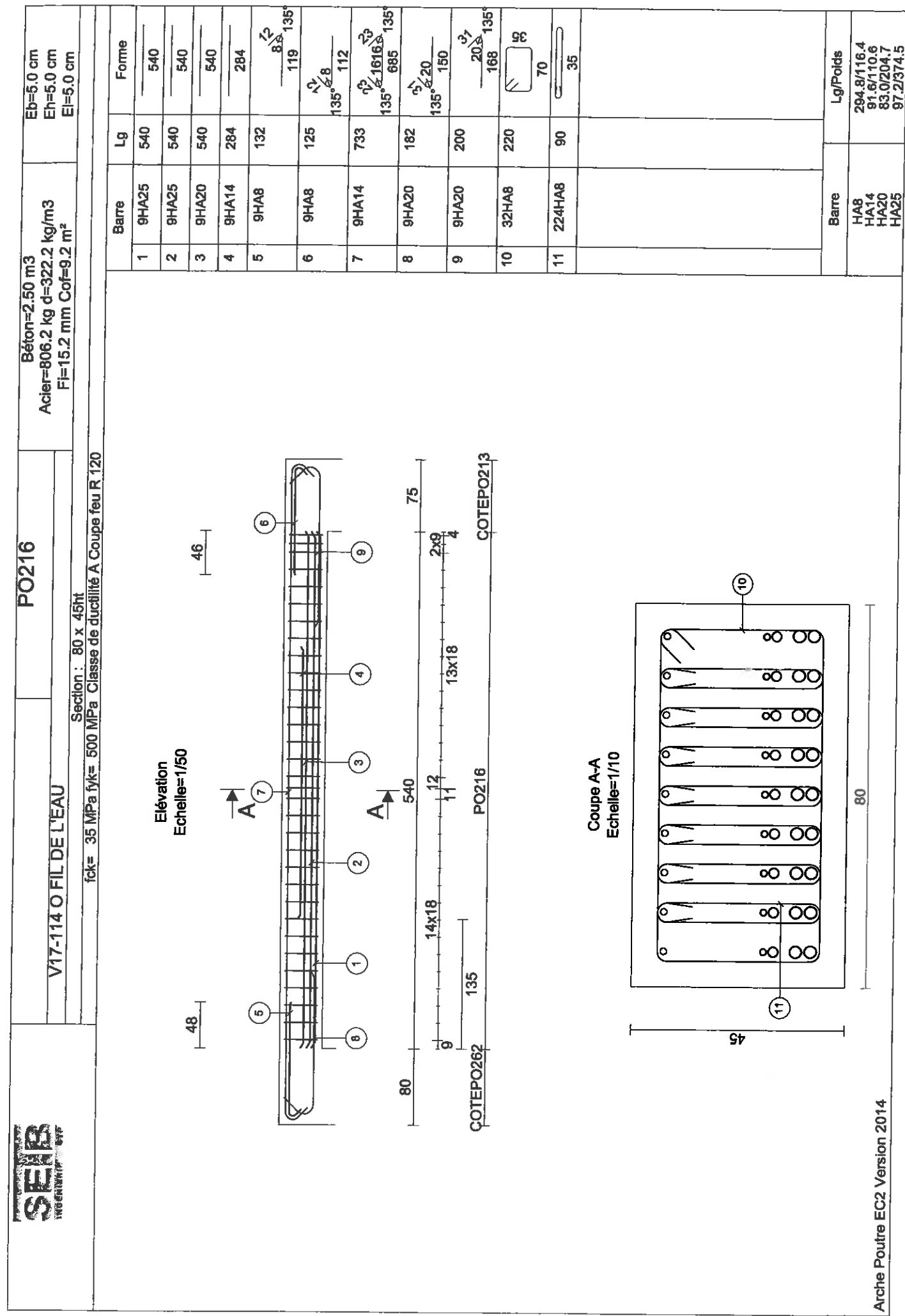
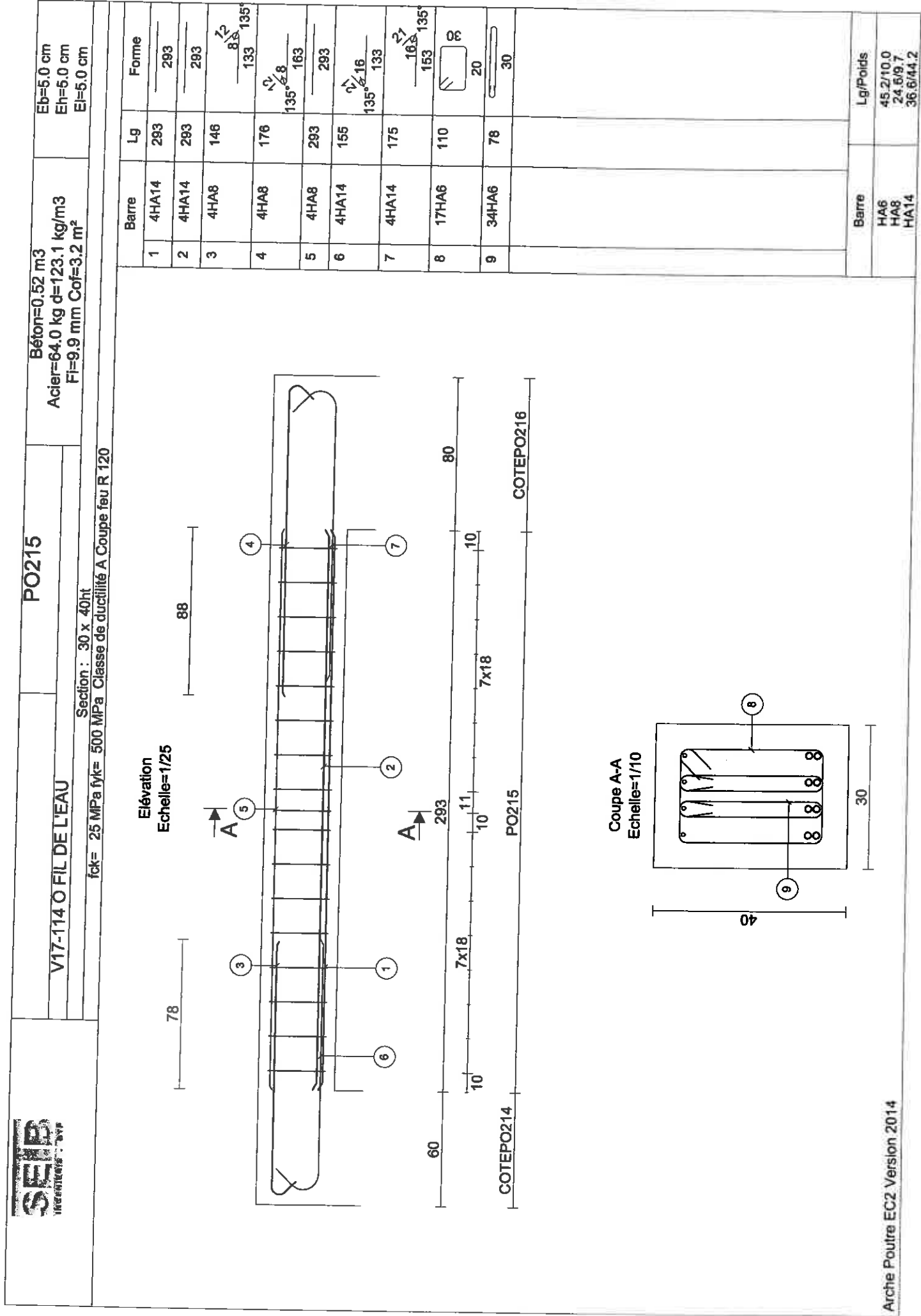
PO214

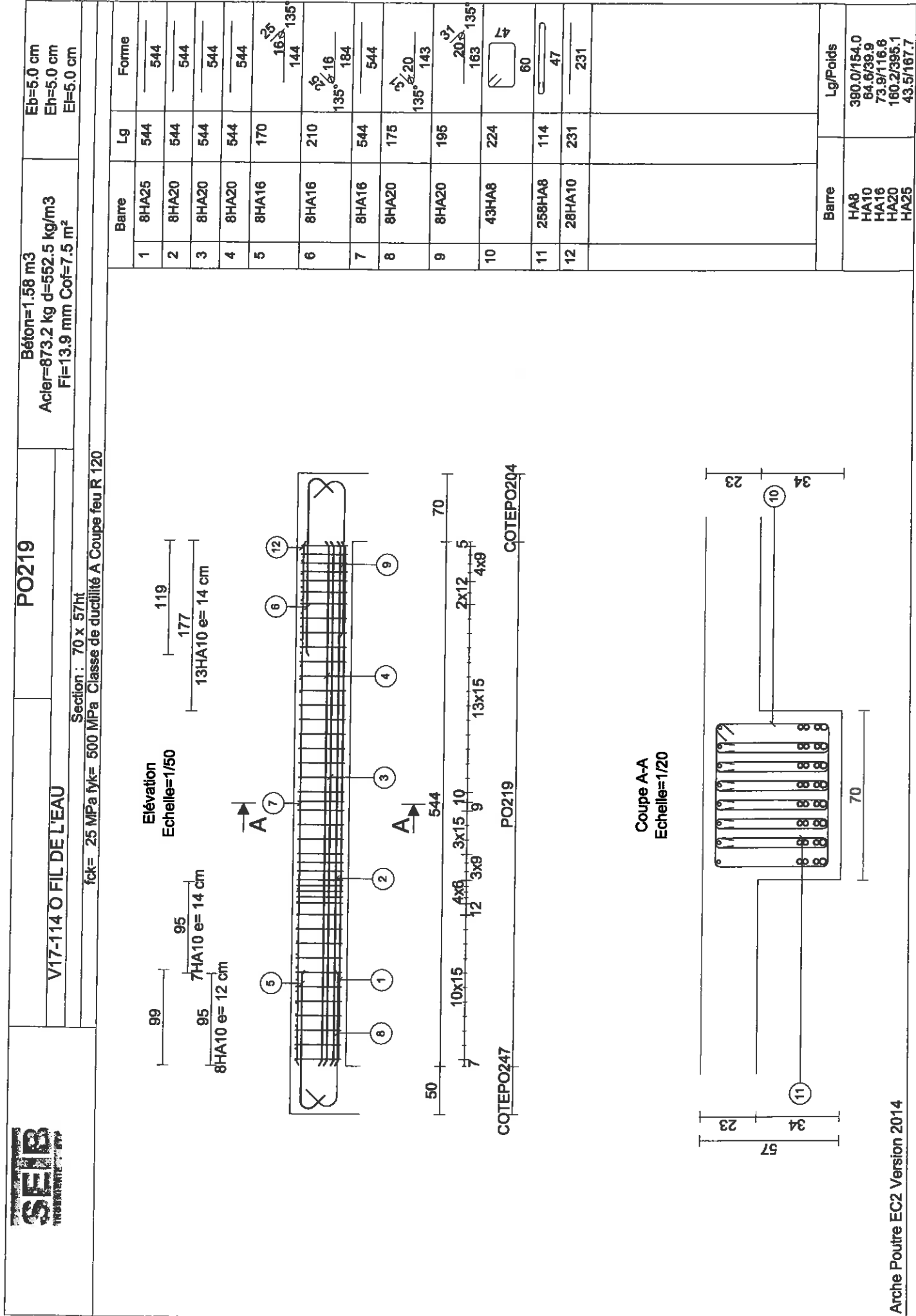
COTE P60

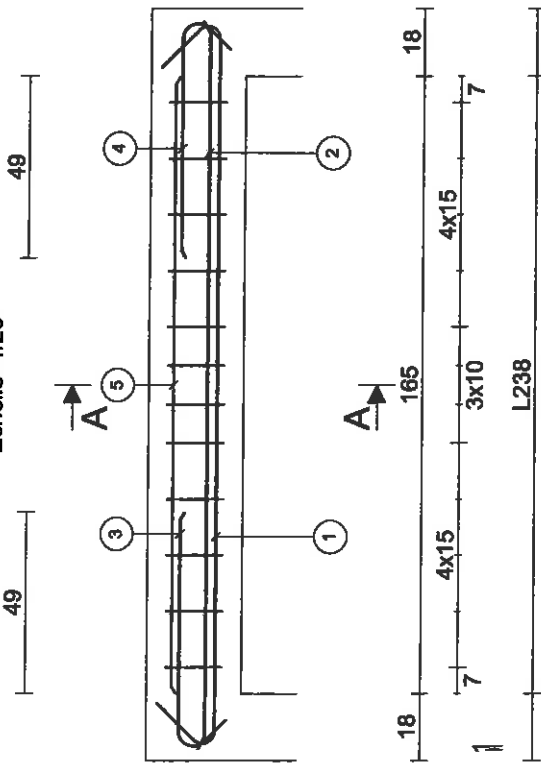
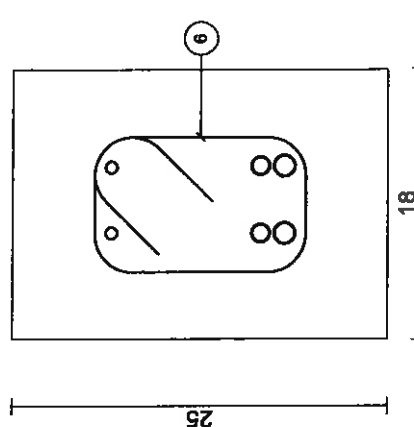
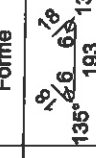
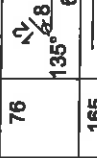
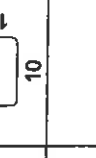
Coupe A-A
Echelle=1/20

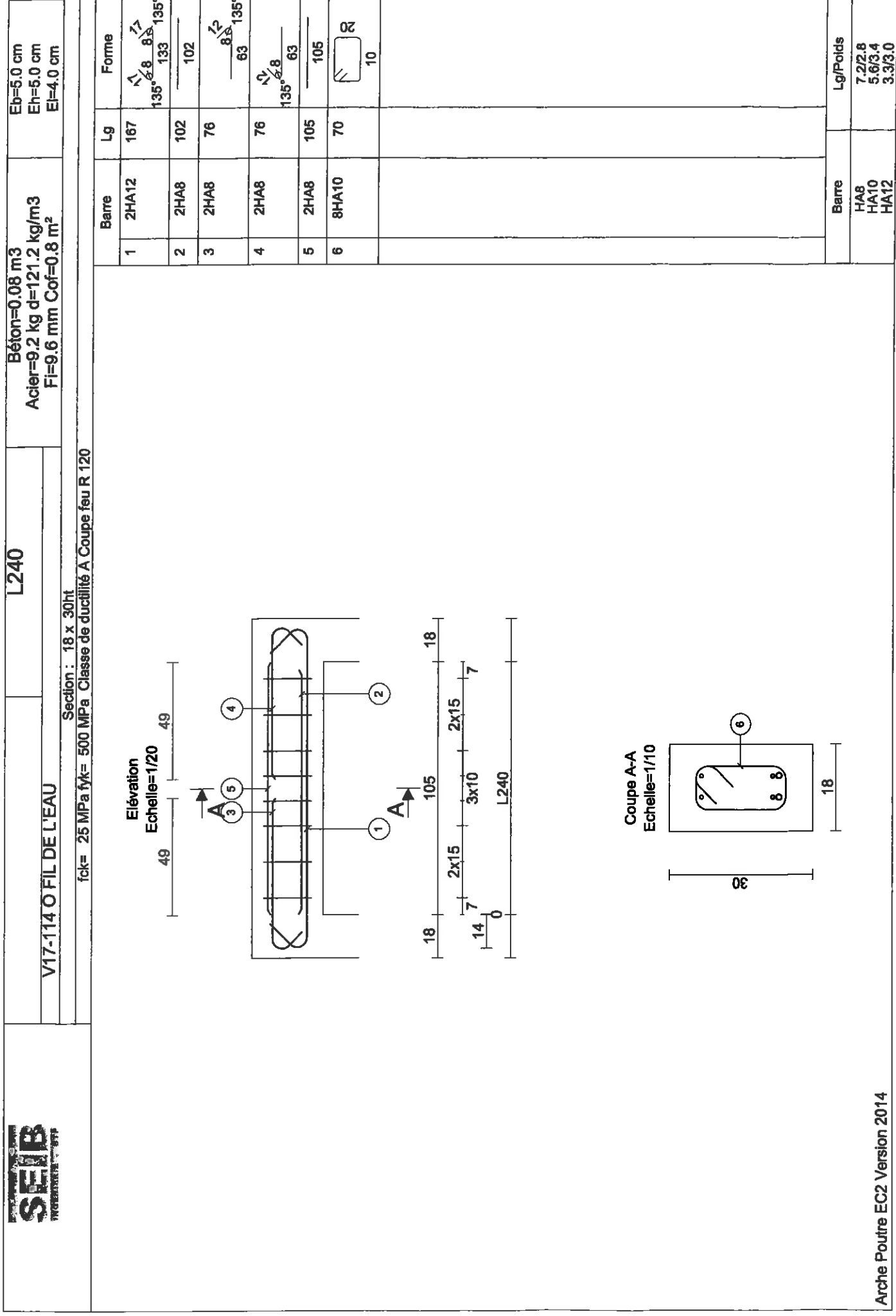
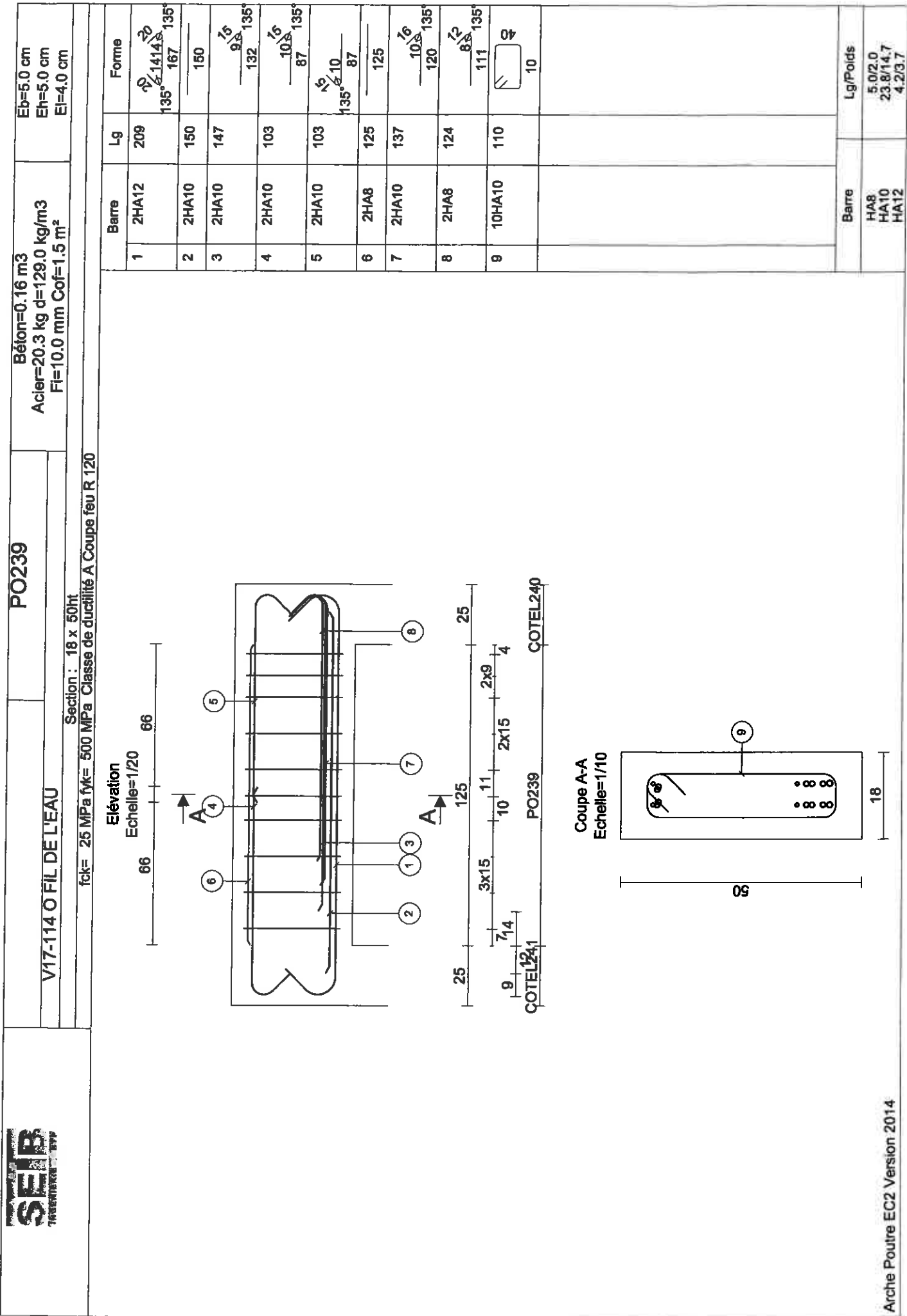


Arche Poutre EC2 Version 2014



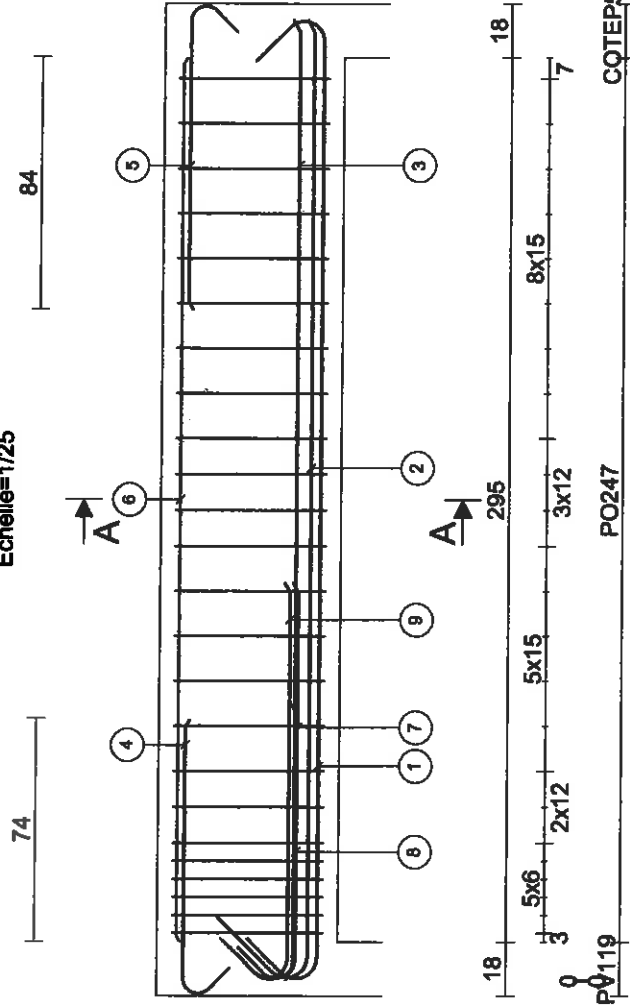


V17-114 O FIL DE L'EAU		L238	Béton=0.09 m3 Acier=15.9 kg d=175.6 kg/m3 Fi=10.8 mm Cof=1.1 m²	Eb=5.0 cm Eh=5.0 cm El=4.0 cm
fck= 25 MPa fyk= 500 MPa Section : 18 x 25ht Classe de ductilité A Coupe feu R 120				
<div><div>Elévation Echelle=1/20</div><div></div></div>				
<div><div>Coupe A-A Echelle=1/5</div><div></div></div>				
		Barre	Lg	Forme
1	2HA14	228		135° 193 135°
2	2HA12	195		185
3	2HA8	76		82 63 135°
4	2HA8	76		135° 63
5	2HA8	165		185
6	12HA10	60		10
		Barre	Lg/Poids	
		HA8	6.3/2.5	
		HA10	7.1/4.4	
		HA12	3.9/3.5	
		HA14	4.6/5.5	

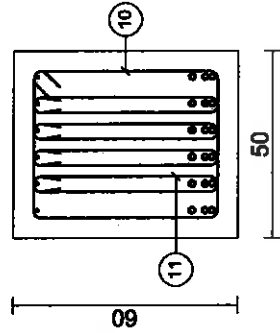


Section : 50 x 60ht
fck= 25 MPa fyt= 500 MPa Classe de ductilité A Coupe feu R 120

Elévation
Echelle=1/25

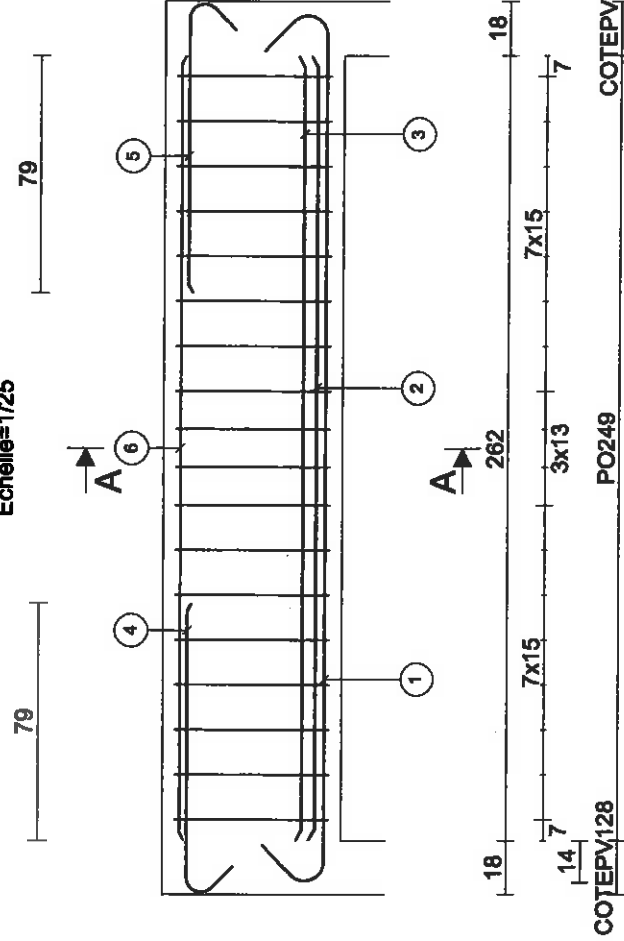


Coupe A-A
Echelle=1/20

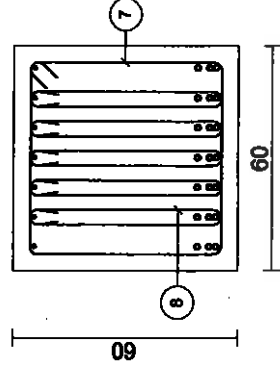


Section : 60 x 60ht
fck= 25 MPa fyt= 500 MPa Classe de ductilité A Coupe feu R 120

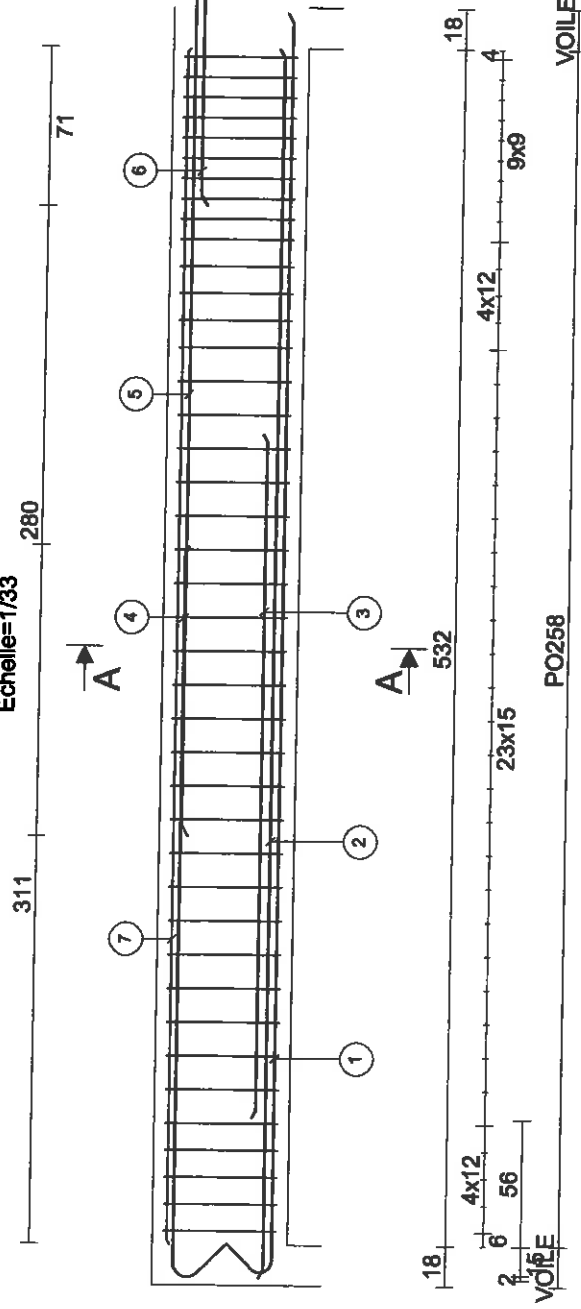
Elévation
Echelle=1/25



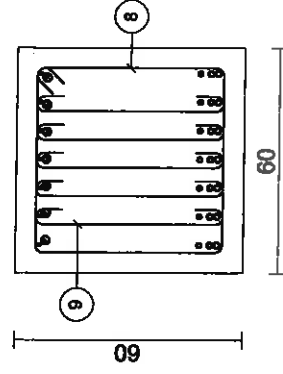
Coupe A-A
Echelle=1/20



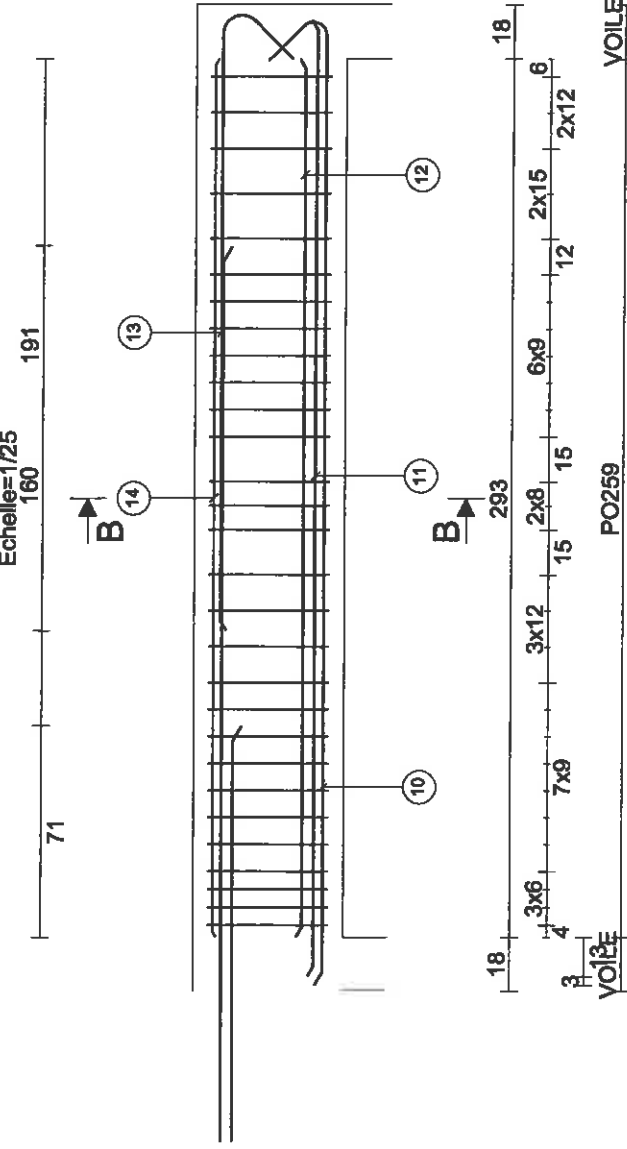
Elévation
Echelle=1/33



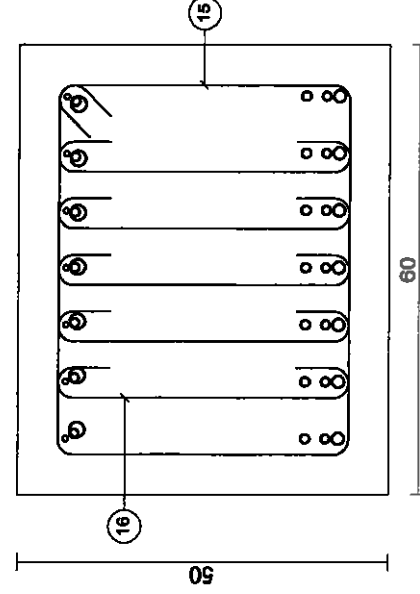
Coupe A-A
Echelle=1/20



Elévation
Echelle=1/25



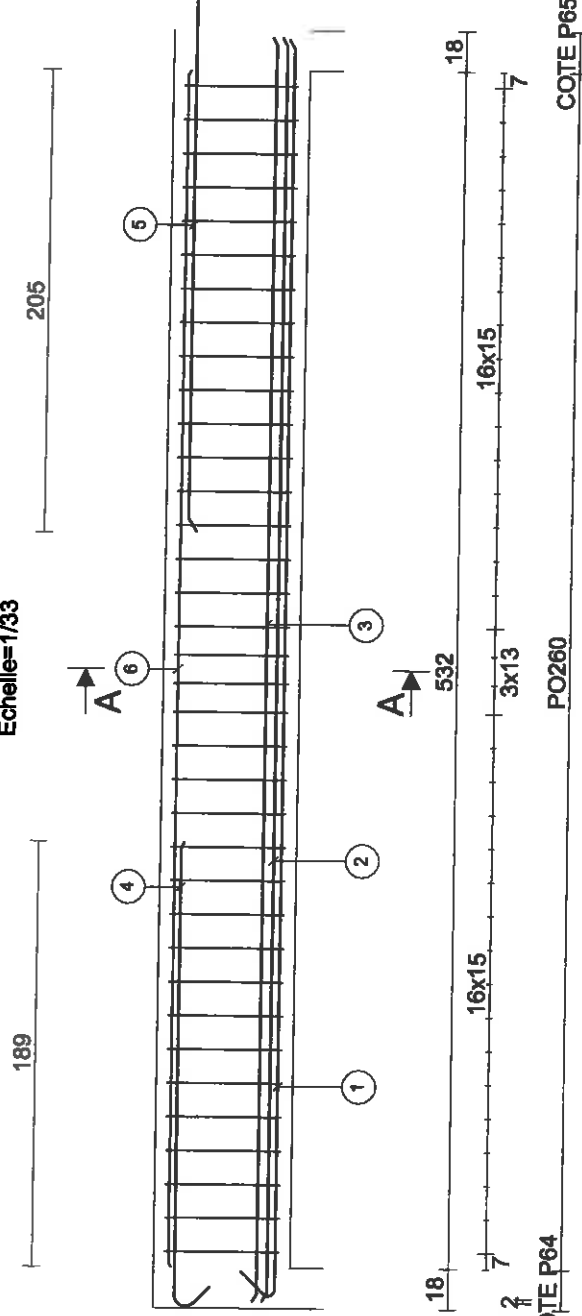
Coupe B-B
Echelle=1/10



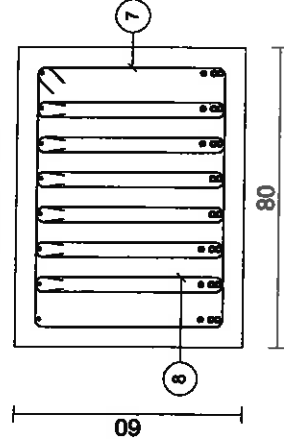
Section : 80 x 60ht

fck= 25 MPa fyk= 500 MPa Classe de ductilité A Coupe feu R 120

Elévation
Echelle=1/33



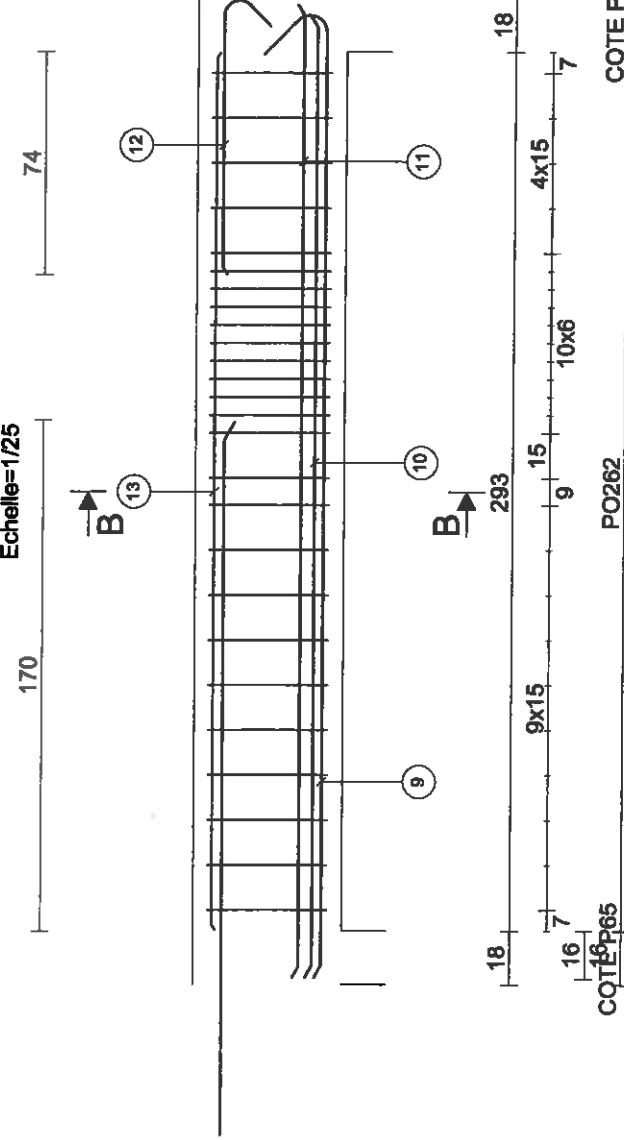
Coupe A-A
Echelle=1/20



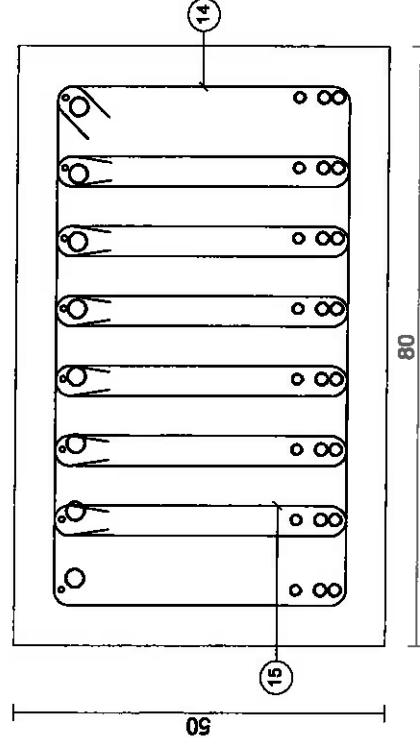
Section : 80 x 50ht

fck= 25 MPa fyk= 500 MPa Classe de ductilité A Coupe feu R 120

Elévation
Echelle=1/25



Coupe B-B
Echelle=1/10



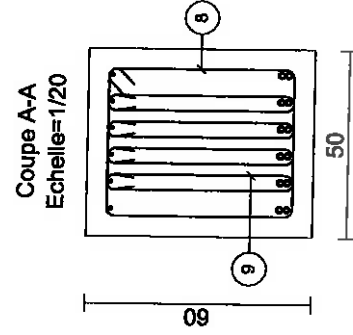
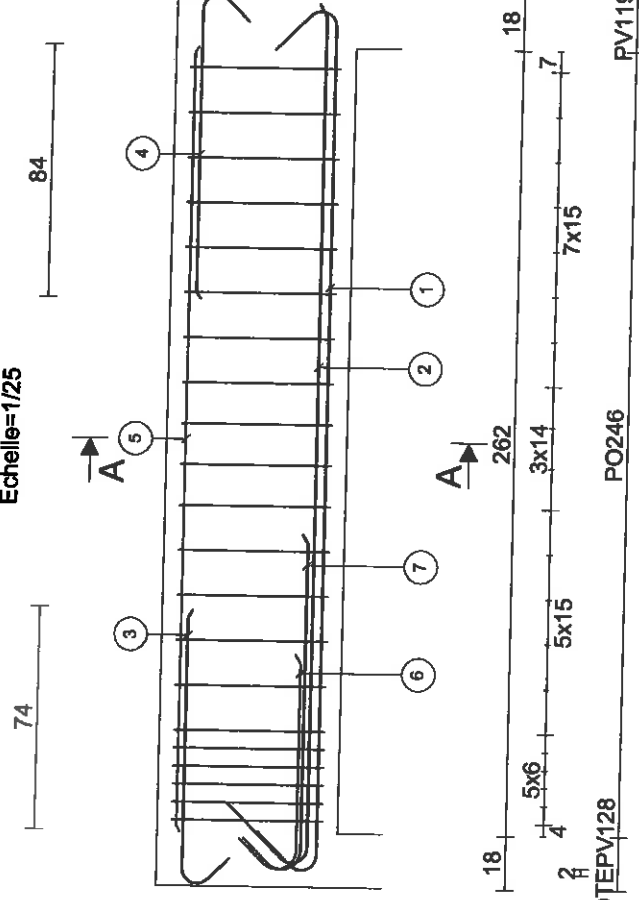
Barre	Lg	Forme
1 8HA14	578	135° 559
2 8HA14	562	562
3 6HA12	562	562
4 8HA10	223	108° 207 135°
5 8HA25	394	394
6 8HA8	532	532
7 36HA8	250	70
8 216HA8	120	50
Lg/Poids		
HA8	391.4/154.6	
HA10	17.9/11.0	
HA12	33.7/29.9	
HA14	91.0/110.0	
HA25	31.5/121.4	

Barre	Lg	Forme
9 8HA16	345	118° 322 135°
10 8HA16	322	322
11 8HA14	325	325
12 8HA10	108	108° 92
13 8HA8	293	293
14 26HA8	230	70
15 156HA8	100	40
Lg/Poids		
HA8	239.0/94.4	
HA10	8.7/5.3	
HA14	26.0/31.4	
HA16	53.3/84.1	

Section : 50 x 60ht

fck= 25 MPa fyk= 500 MPa Classe de ductilité A Coupe feu R 120

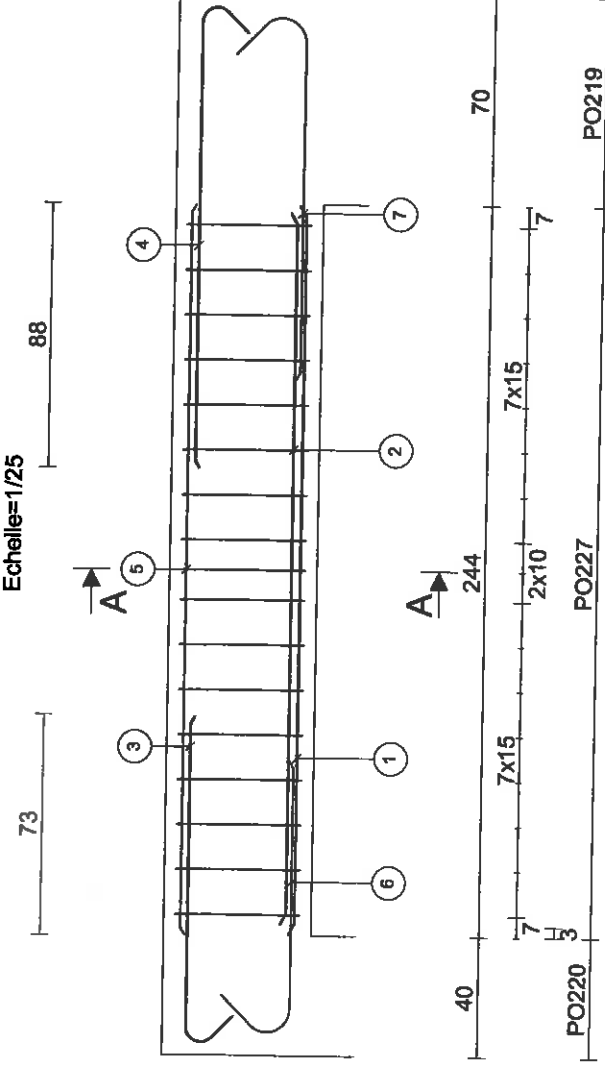
Elévation
Echelle=1/25



Section : 40 x 50ht

fck= 25 MPa fyk= 500 MPa Classe de ductilité A Coupe feu R 120

Elévation
Echelle=1/25



Coupe A-A
Echelle=1/10

