

- EC0 (Bases de calcul)
- EC1 (Actions sur les structures)
- EC2 (Calcul des structures en béton)
- EC3 (Calcul des structures en acier)
- EC7 (Calcul géotechnique)
- EC8 (Conception et dimensionnement des structures pour leur résistance au séismes)

- Côtes données en NGF
- Sismique zone 3 - Catégorie d'importance I (pas de dispositions sismiques)
- Vent zone II
- Neige zone A2 - Altitude < 200m

- Pente maximale 3H/2V entre arêtes de base de 2 fondations voisines
- Fondations profondes type pieux
- Plateforme sous enrobé : $E_s = 70 \text{ MPa}$ (gravier compacté)

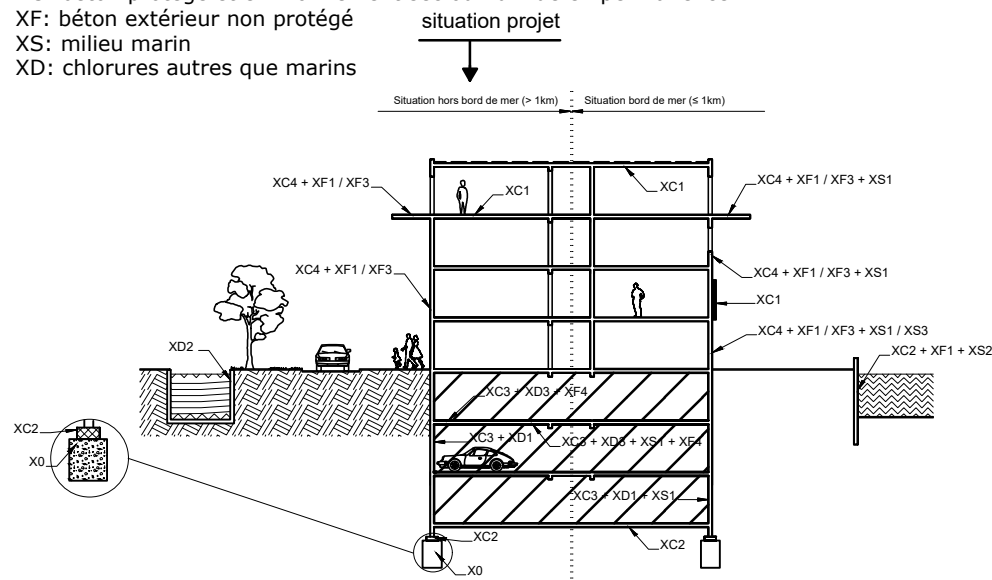
60 mm

Aciers crossés	Embout de sécurité	Embout de sécurité Champignon	Gouttière de sécurité (TS)
			

RESPECTER IMPERATIVEMENT LES ENROBAGES
PREVUS SUR LES PLANS.
METTRE LES CALES EN QUANTITE SUFFISANTE
SUR LA TOTALITE DES SURFACE COFFRÉES.

X0: béton protégé non armé ou faiblement en milieu très sec
 XC: béton protégé et environnement sec ou humide en permanence
 XF: béton extérieur non protégé
 XS: milieu marin
 XD: chlorures autres que marins

situation projet



ØNOMINAL		6	8	10	12	14	16	20	25	32
ØEXTERIEUR		7	10	12	15	17	19	24	30	38
ETRIERS CADRES	HA	20	30	40	50	70	100			
ANCRAGES		70	70	100	100	150	150	200	250	300
COUDES				150	200	200	250	300	400	500
ETRIERS CADRES	DX	18	24	30	36	42	48			
ANCRAGE COUDES		30	40	50	60	70	80	100	125	160

Extension du magasin général - Phase 2 - Cellules F&G - Blancpignon

FERRAILLAGE ELEVATIONS



oteis
GREEN & DIGITAL
ENGINEERING

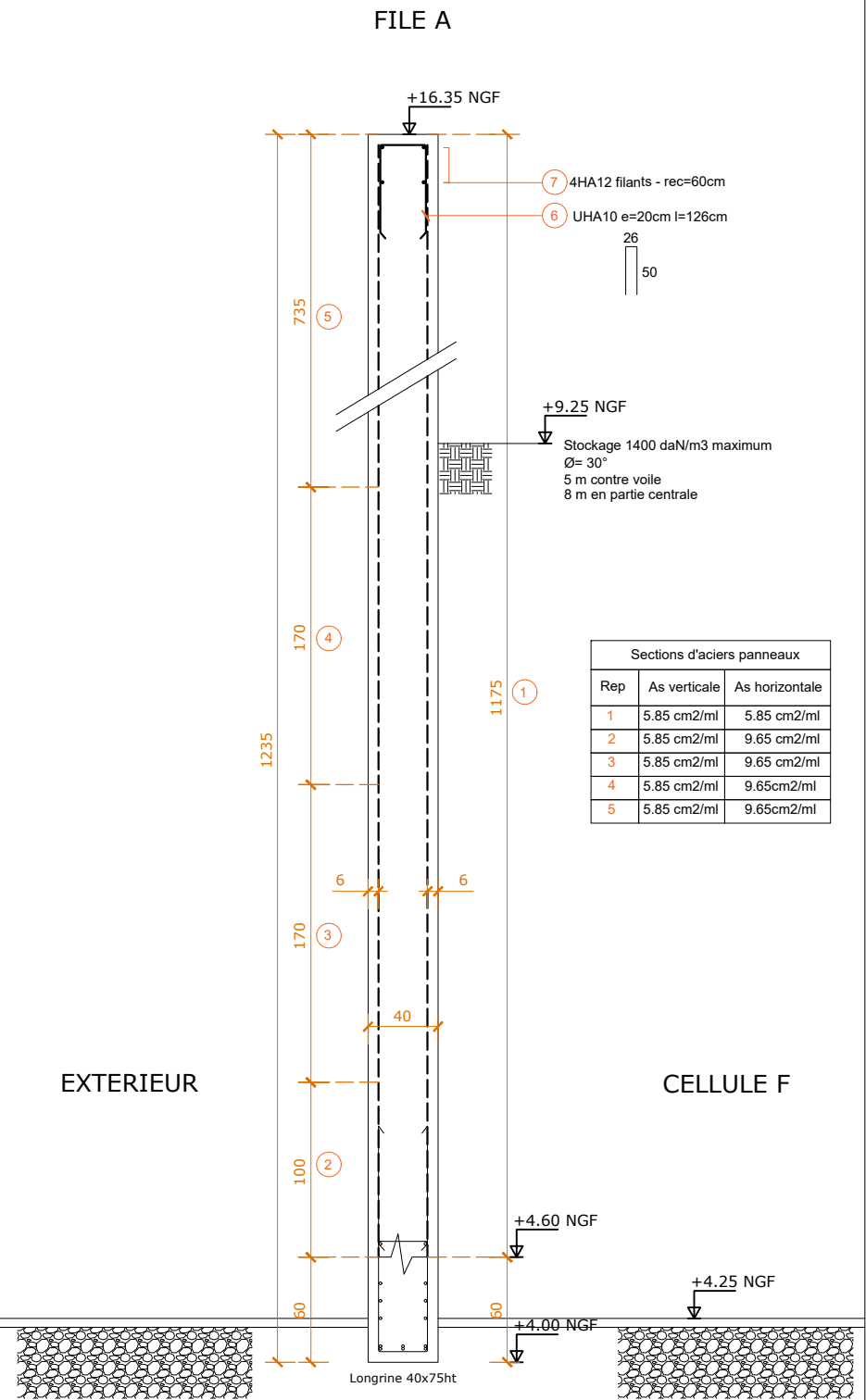
6 Chemin de Jorlis - 64600 Anglet
Tel: 05 59 01 60 30
Email: bayonne@oteis.fr

[illegible]

OTEIS	110376	DCE	GO	GO-07	-		ADJ	RBN	-
Emetteur	N° Affaire	Phase	Spécialité	N° Plan	Niveau	Indice	Dessiné	Vérifié	Echelle

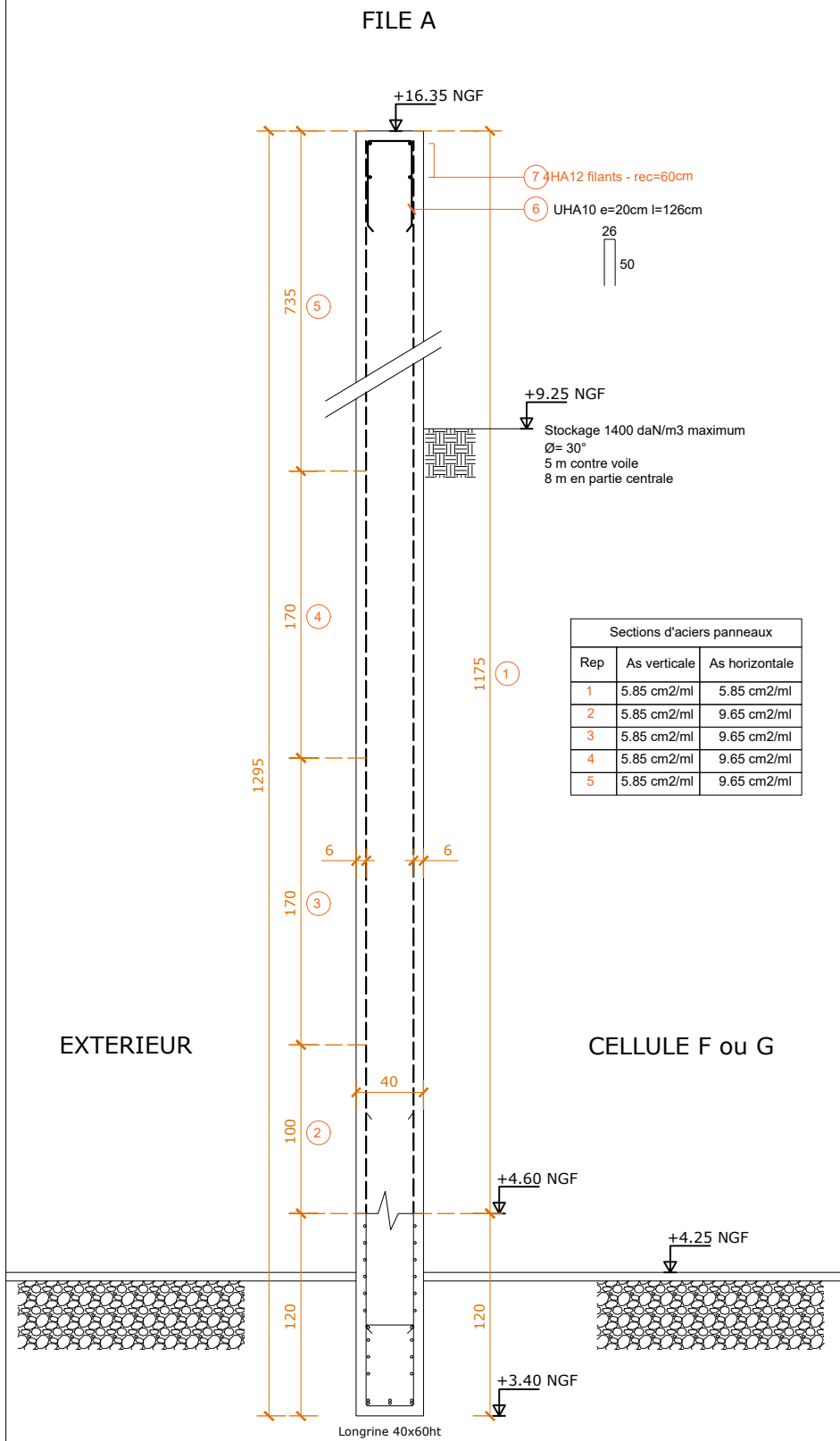
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COUPE TYPE FILE A



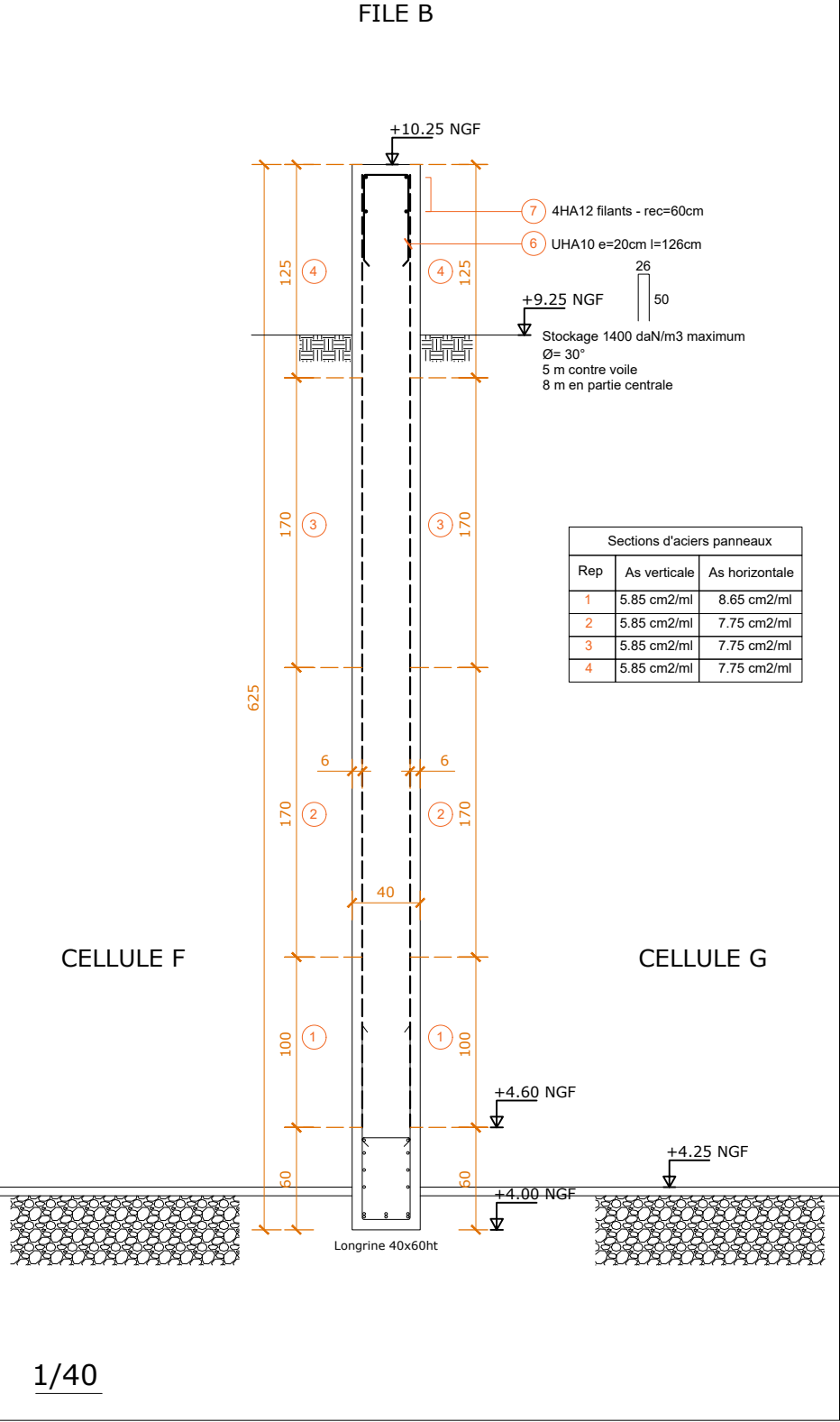
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COUPE FILE A (FILES 3-4)

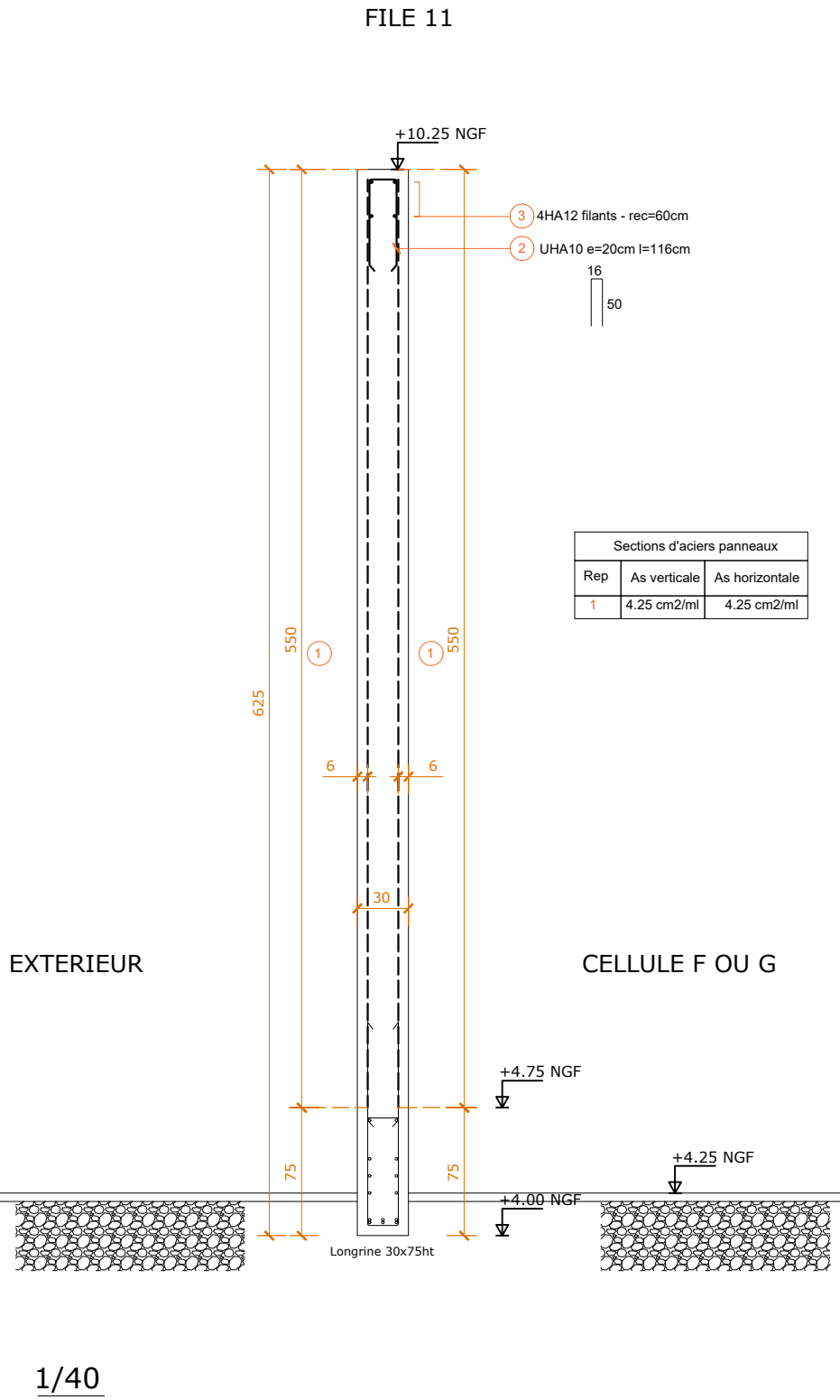


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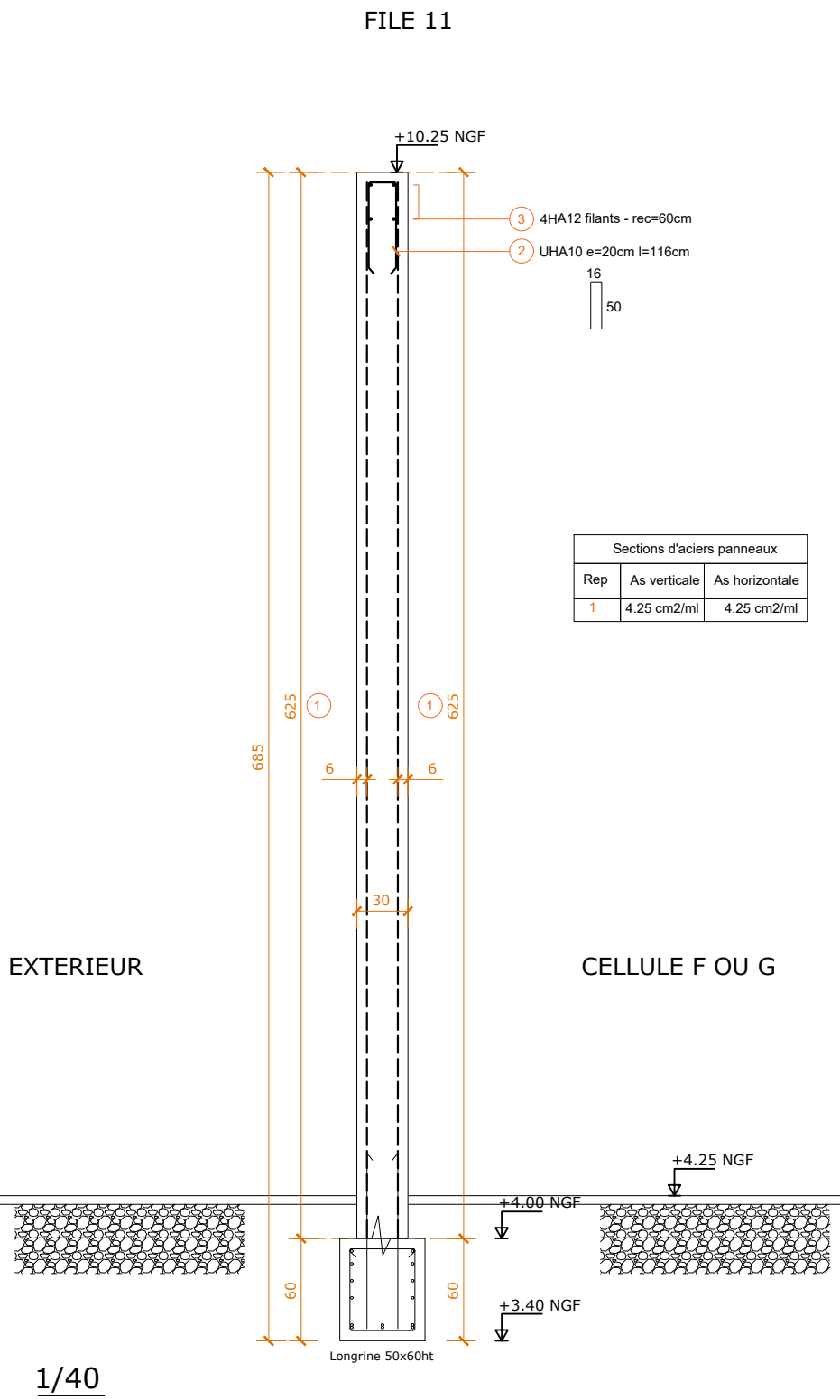
COUPE TYPE FILE B

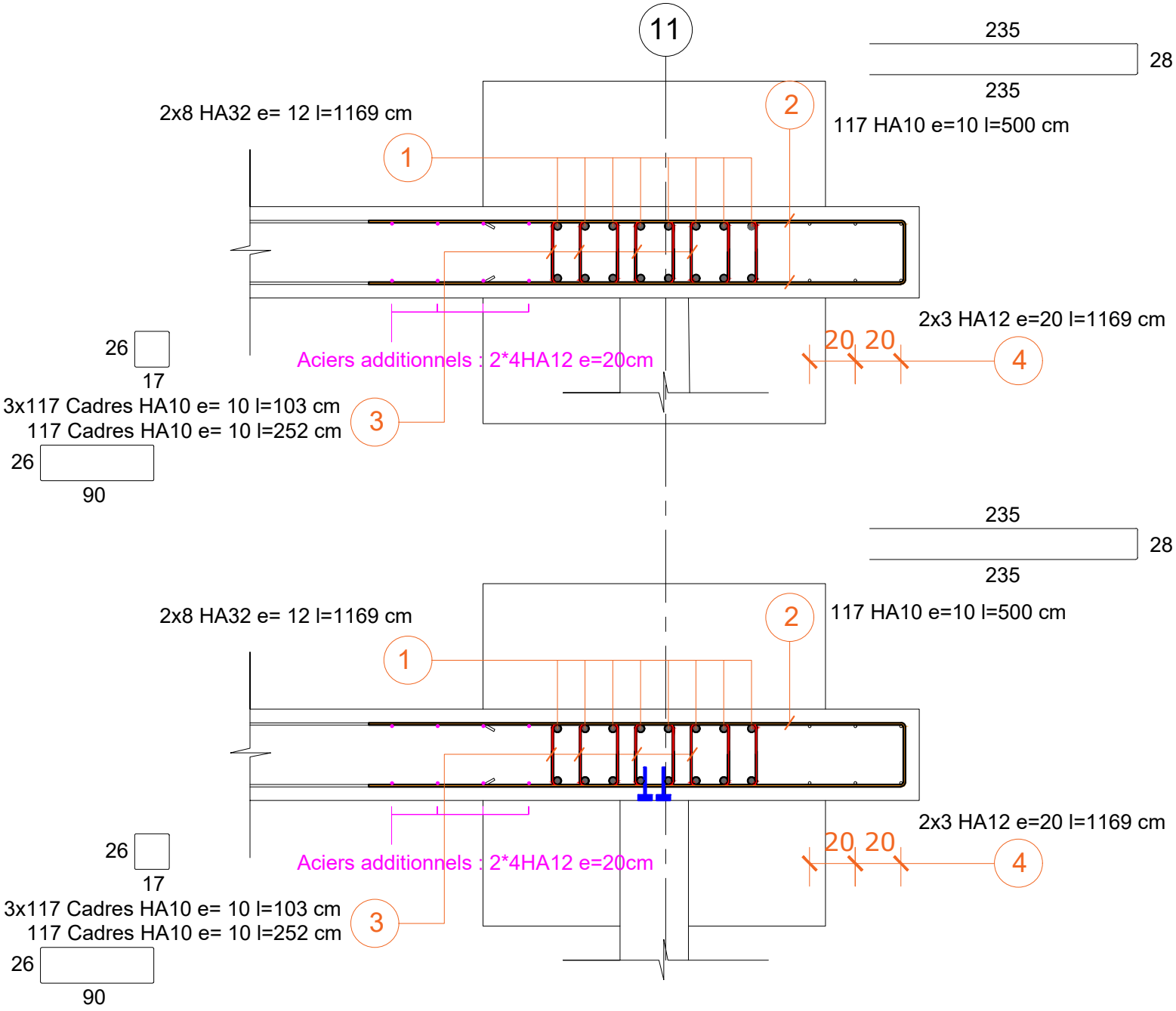
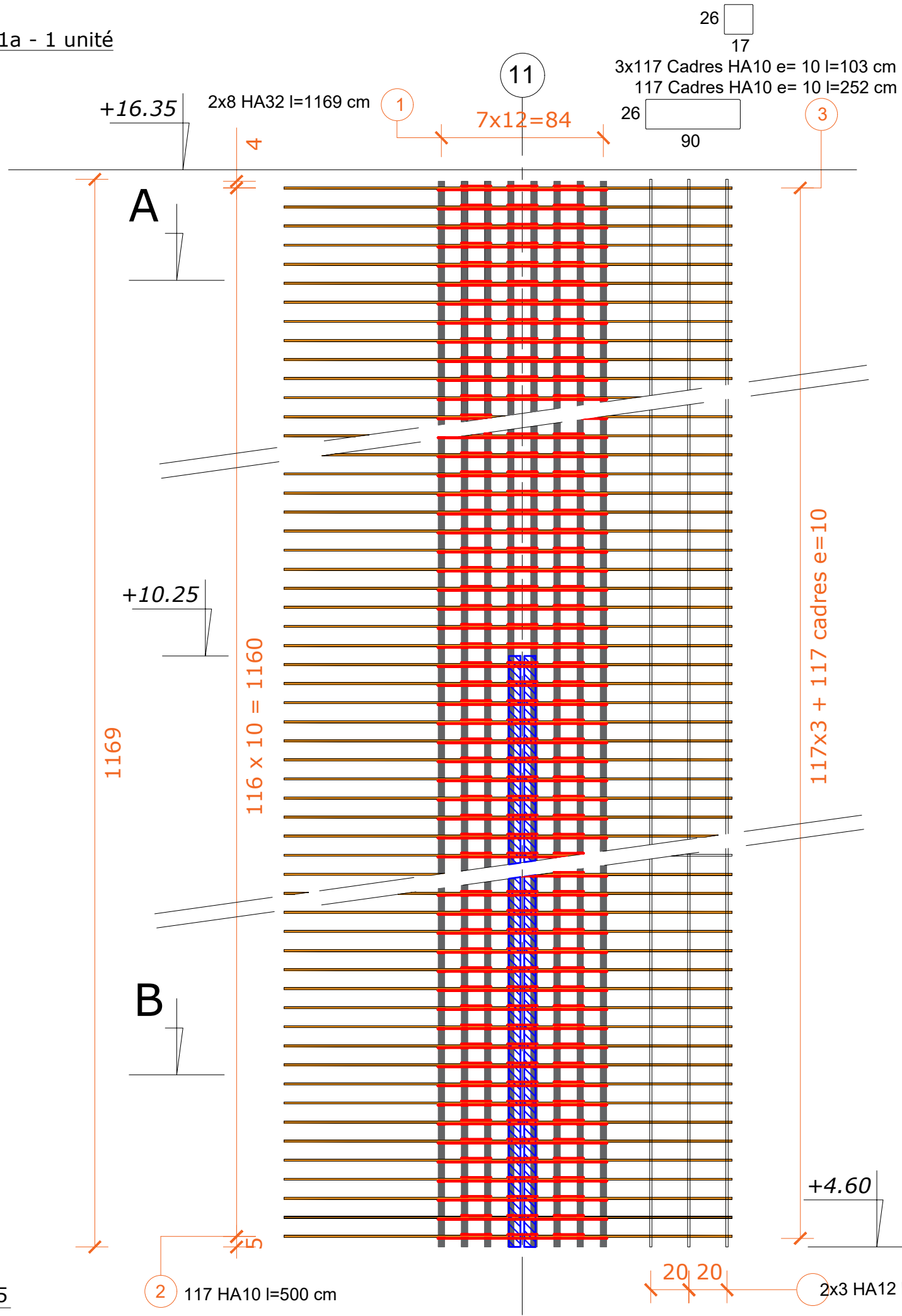


COUPE TYPE FILE 11 - VOILES D'ANGLE



COUPE TYPE FILE 11 - VOILE CENTRAL





CV1a (1 Unité)					
Rep	Nature	e	lg	lg tot	kgs
1	16 HA32	12	11.69	189	1180
2	117 HA10	10	5	585	363
3	351 HA10	10	1.03	362	224
3	117 HA10	10	2.52	295	183
4	6 HA12	20	11.69	71	62

Stabox 60S HA 10 e=15

Total : 2012 kgs

CV1 - 8 unités

26

17

3x117 Cadres HA10 e= 10 l=103 cm

117 Cadres HA10 e= 10 l=252 cm

4

26

90

7x12=84

2

2x8 HA32 l=1169 cm

+16.35

A

+10.25

B

3

2x117 HA10 l=250 cm

1169

600

117x3 + 117 cadres e=10

116 x 10 = 1160

6x12=72

1

2x7 HA32 l=600 cm

2x117 HA10 l=250 cm

3

2x8 HA32 e= 12 l=1169 cm

2

Aciers additionnels : 2*4HA12 e=20cm

26

17

3x117 Cadres HA10 e= 10 l=103 cm

117 Cadres HA10 e= 10 l=252 cm

26

90

2x117 HA10 l=250 cm

3

2x8 HA32 e= 12 l=1169 cm

2

Aciers additionnels : 2*4HA12 e=20cm

26

17

3x117 Cadres HA10 e= 10 l=103 cm

117 Cadres HA10 e= 10 l=252 cm

26

90

2x7 HA32 e=12 l=600 cm

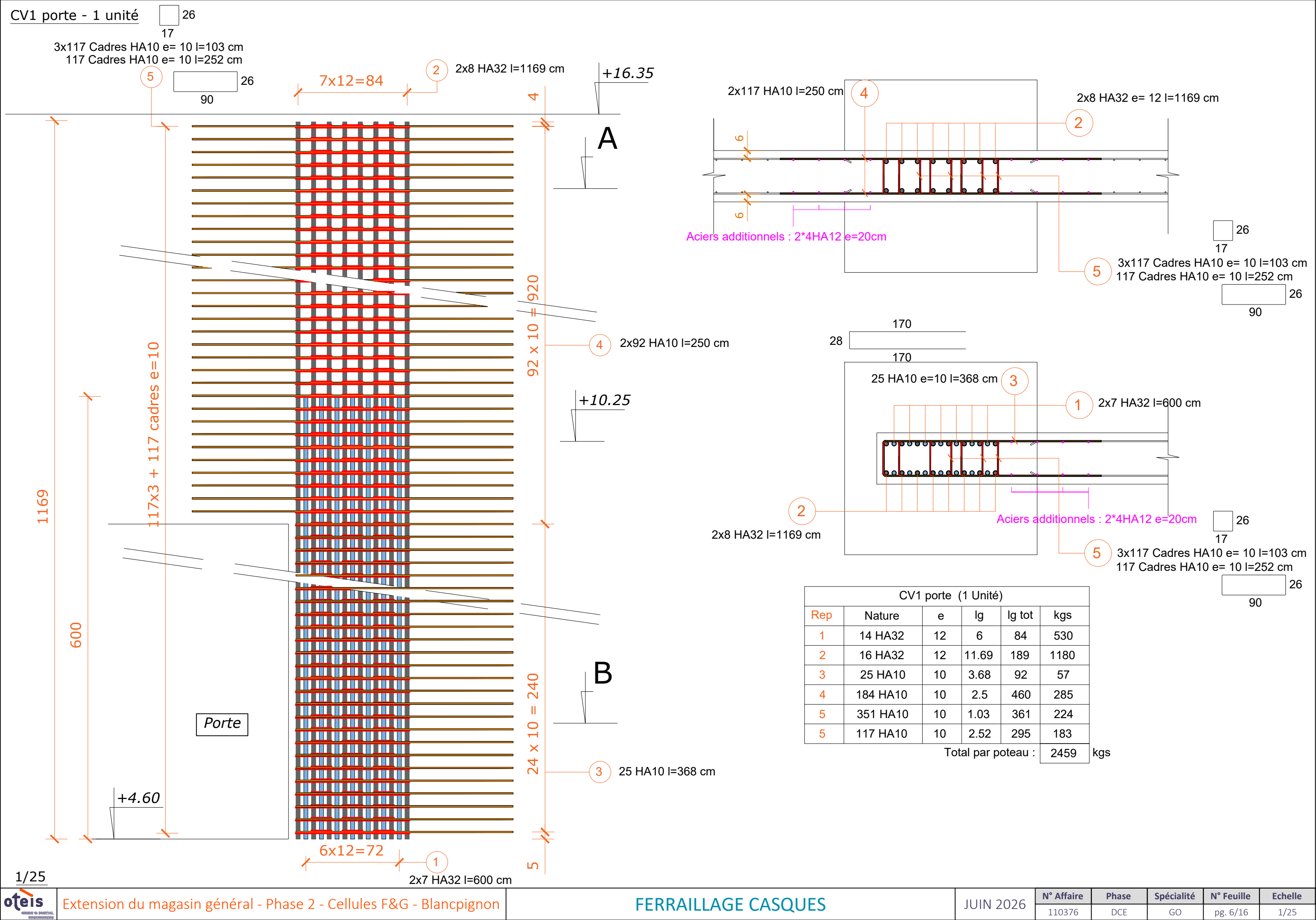
CV1 (8 Unités)

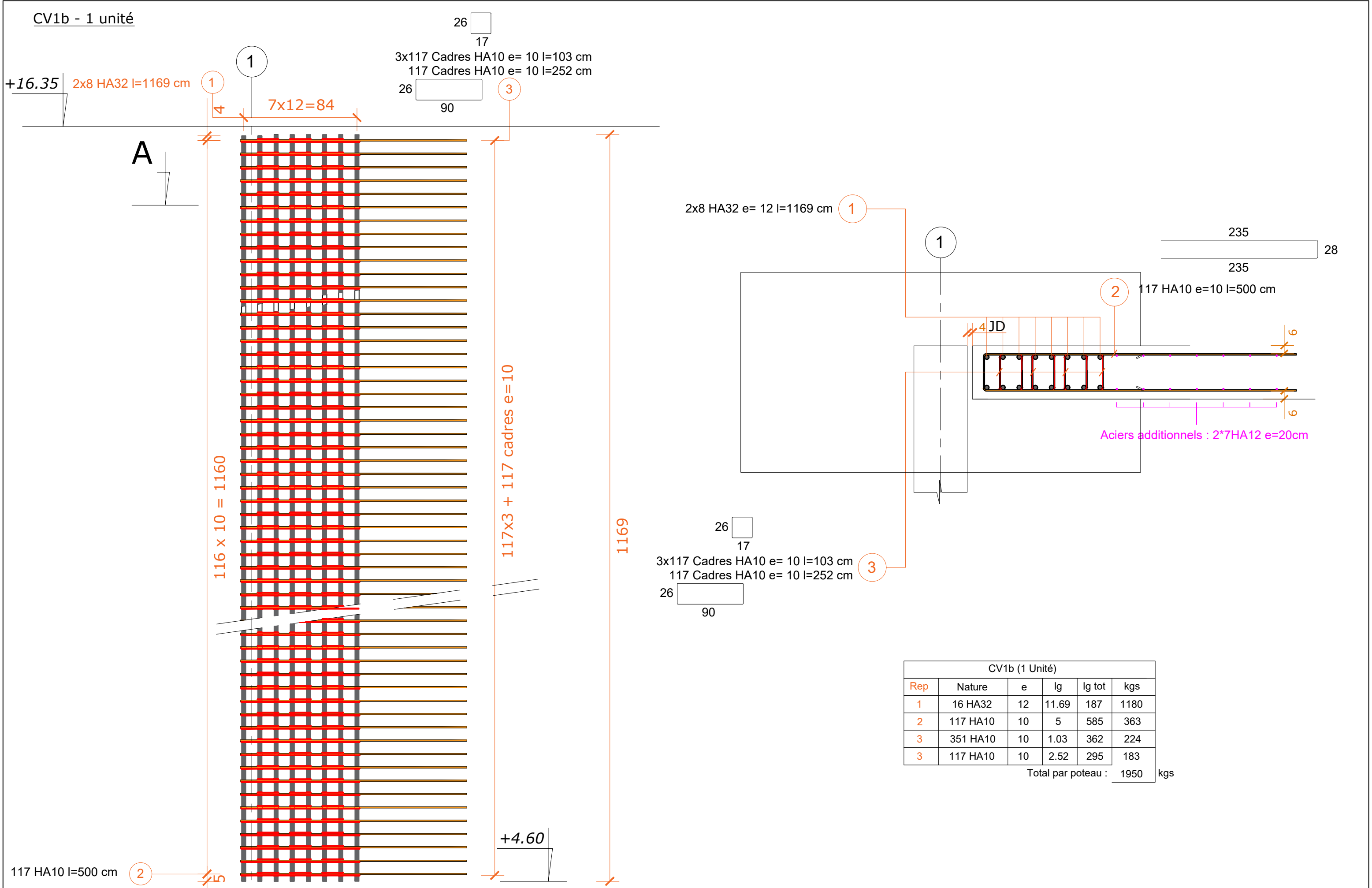
Rep	Nature	e	lg	lg tot	kgs
1	14 HA32	12	6	84	530
2	16 HA32	12	11.69	189	1180
3	234 HA10	10	2.5	590	363
4	351 HA10	10	1.03	361	224
4	117 HA10	10	2.52	295	183

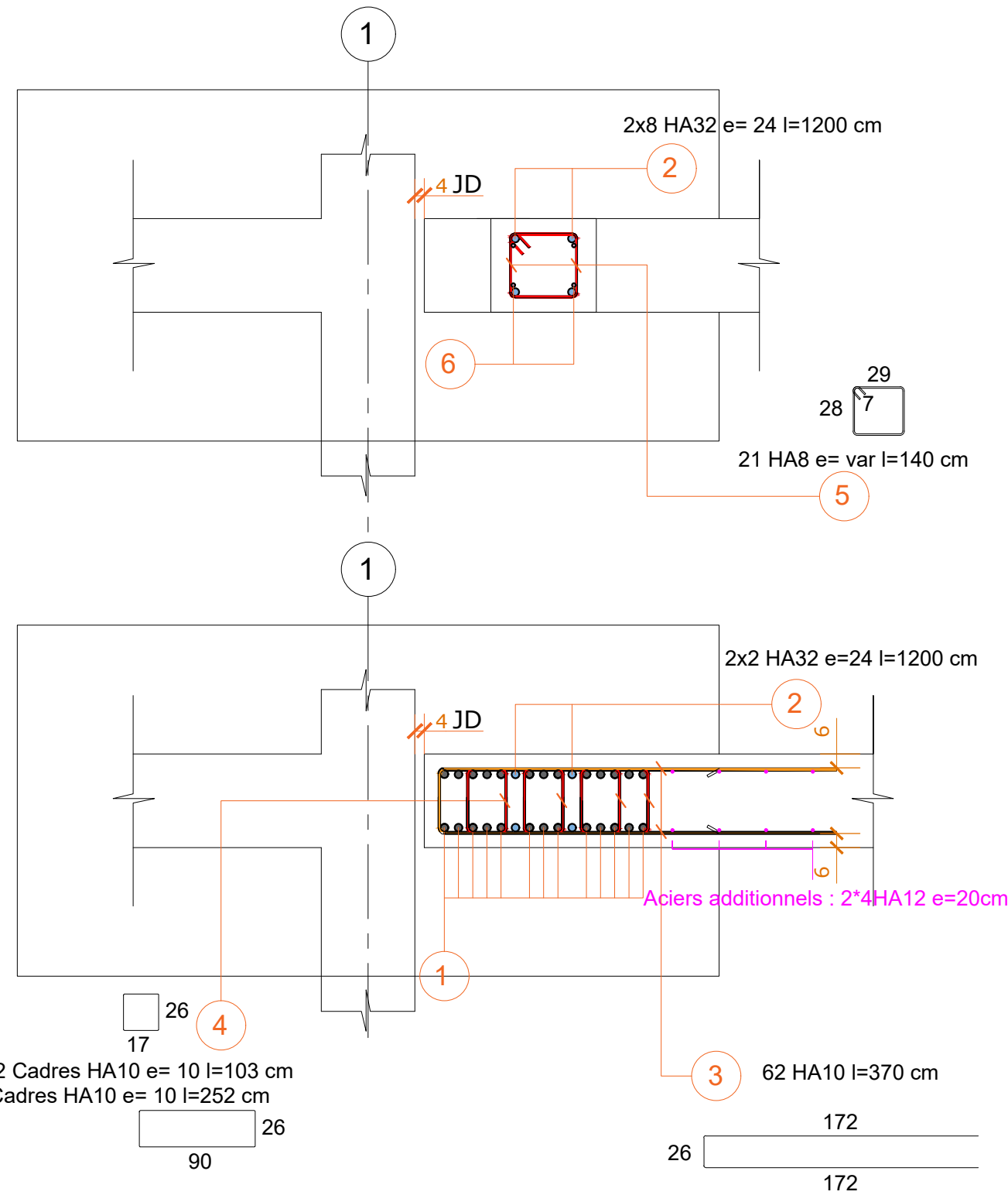
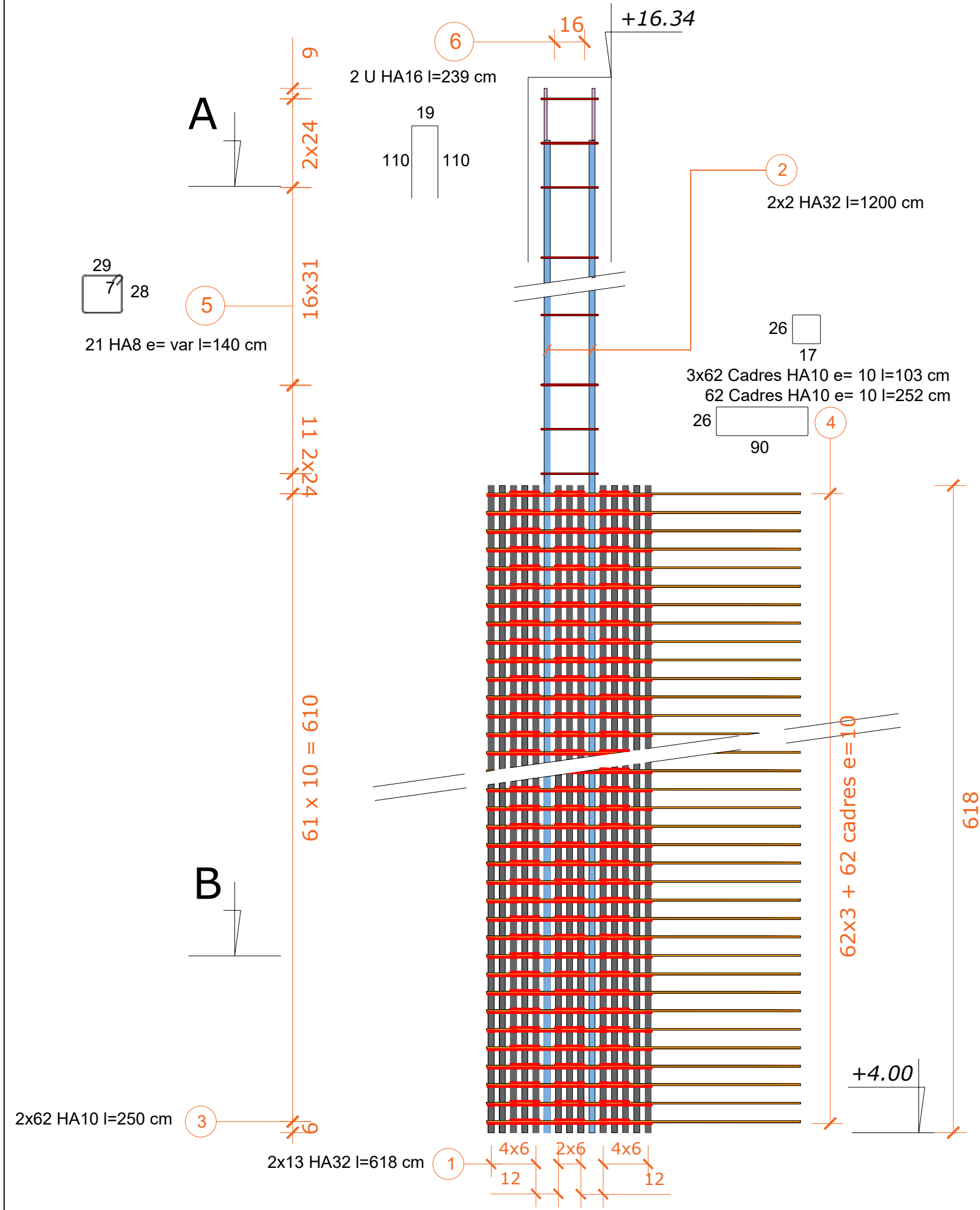
Total par poteau : 2480 kgs

Total : 19840 kgs

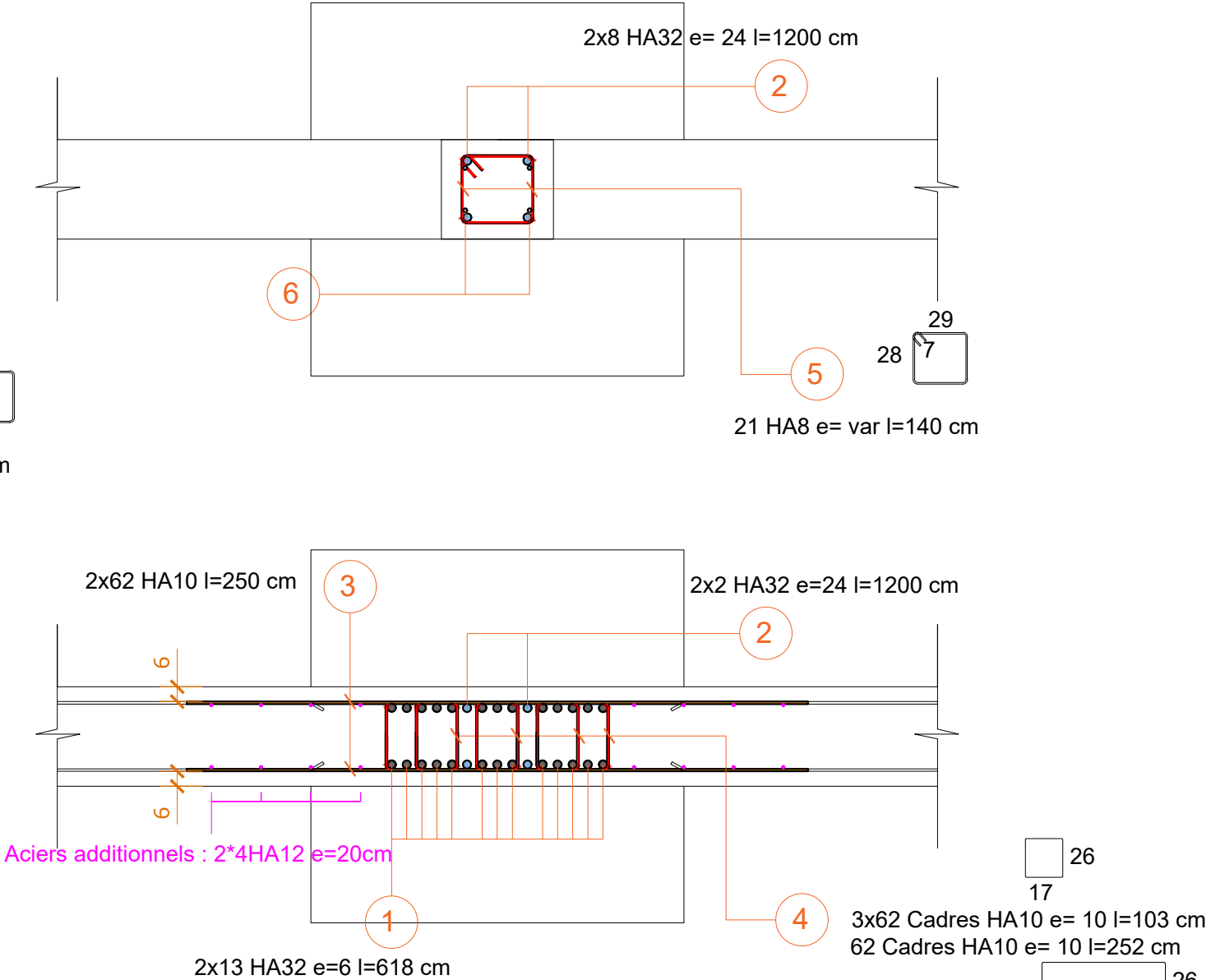
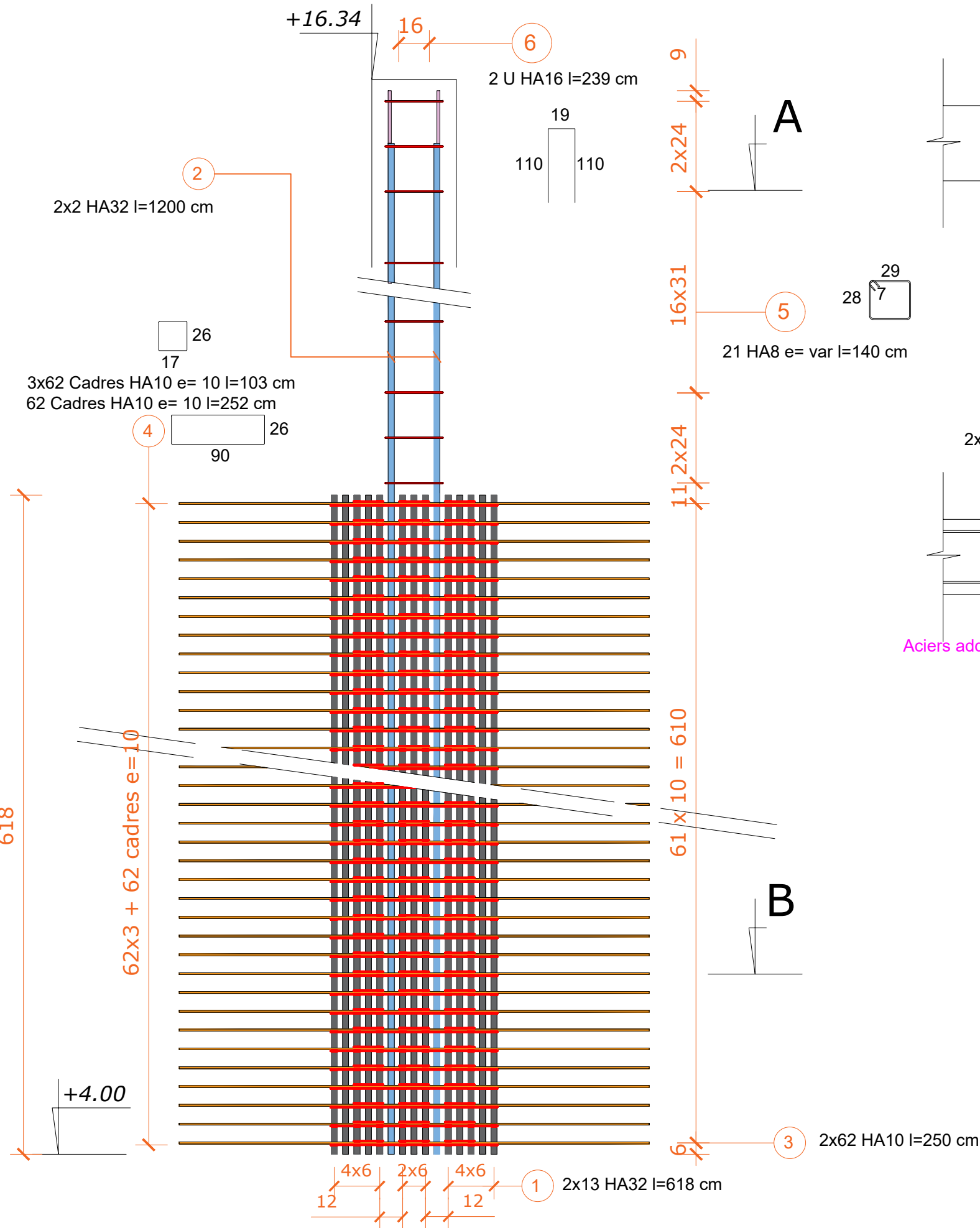
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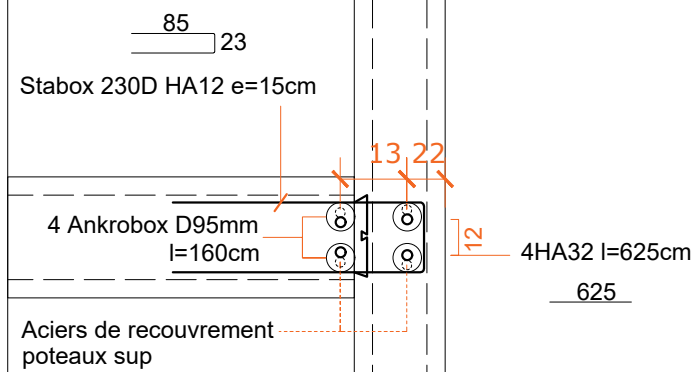
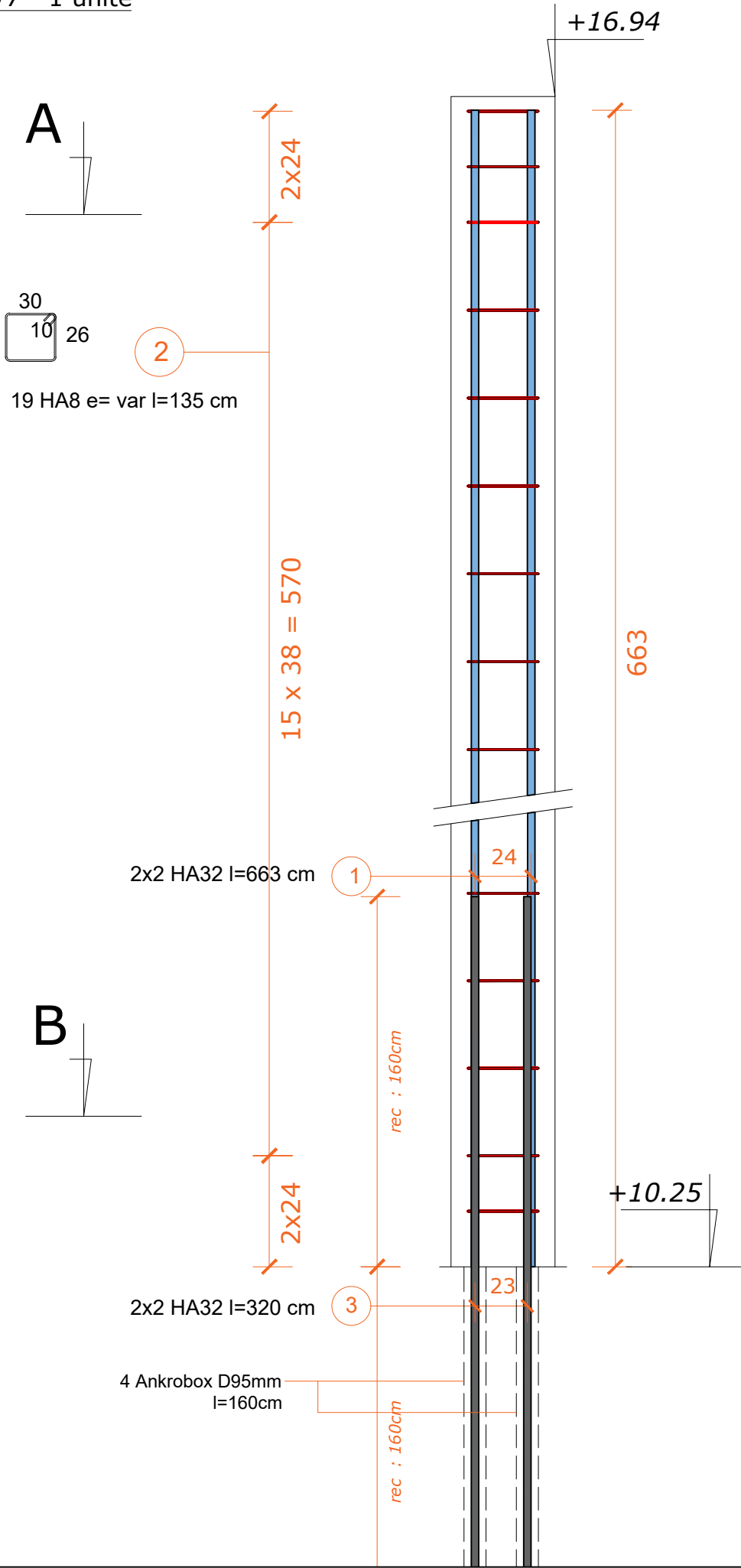
CV3a (1 Unité)					
Rep	Nature	e	lg	lg tot	kgs
1	26 HA32	6	6.18	161	1014
2	4 HA32	24	12	48	303
3	62 HA10	10	3.7	229	142
4	186 HA10	10	1.03	192	119
4	62 HA10	10	2.52	156	96
5	21 HA8	var	1.40	30	12
6	2 HA16	16	2.39	4.78	8
Total par poteau :					1694 kgs



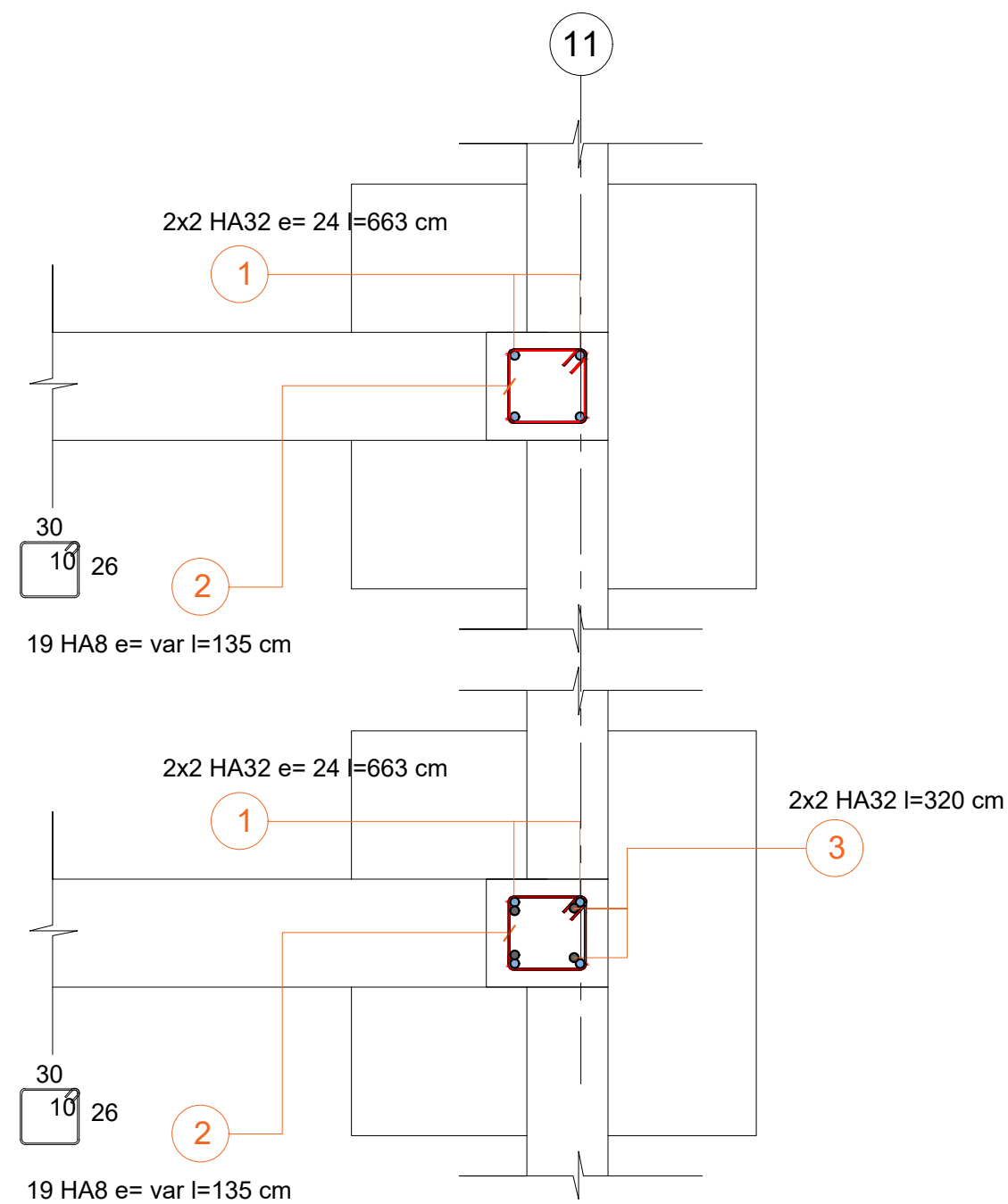
CV3 (9 Unités)					
Rep	Nature	e	lg	lg tot	kgs
1	26 HA32	6	6.18	161	1014
2	4 HA32	24	12	48	303
3	124 HA10	10	2.5	310	192
4	186 HA10	10	1.03	192	119
4	62 HA10	10	2.52	156	96
5	21 HA8	var	1.40	30	12
6	2 HA16	16	2.39	4.78	8

Total par poteau : 1744 kgs
Total : 15696 kgs

CV7 - 1 unité

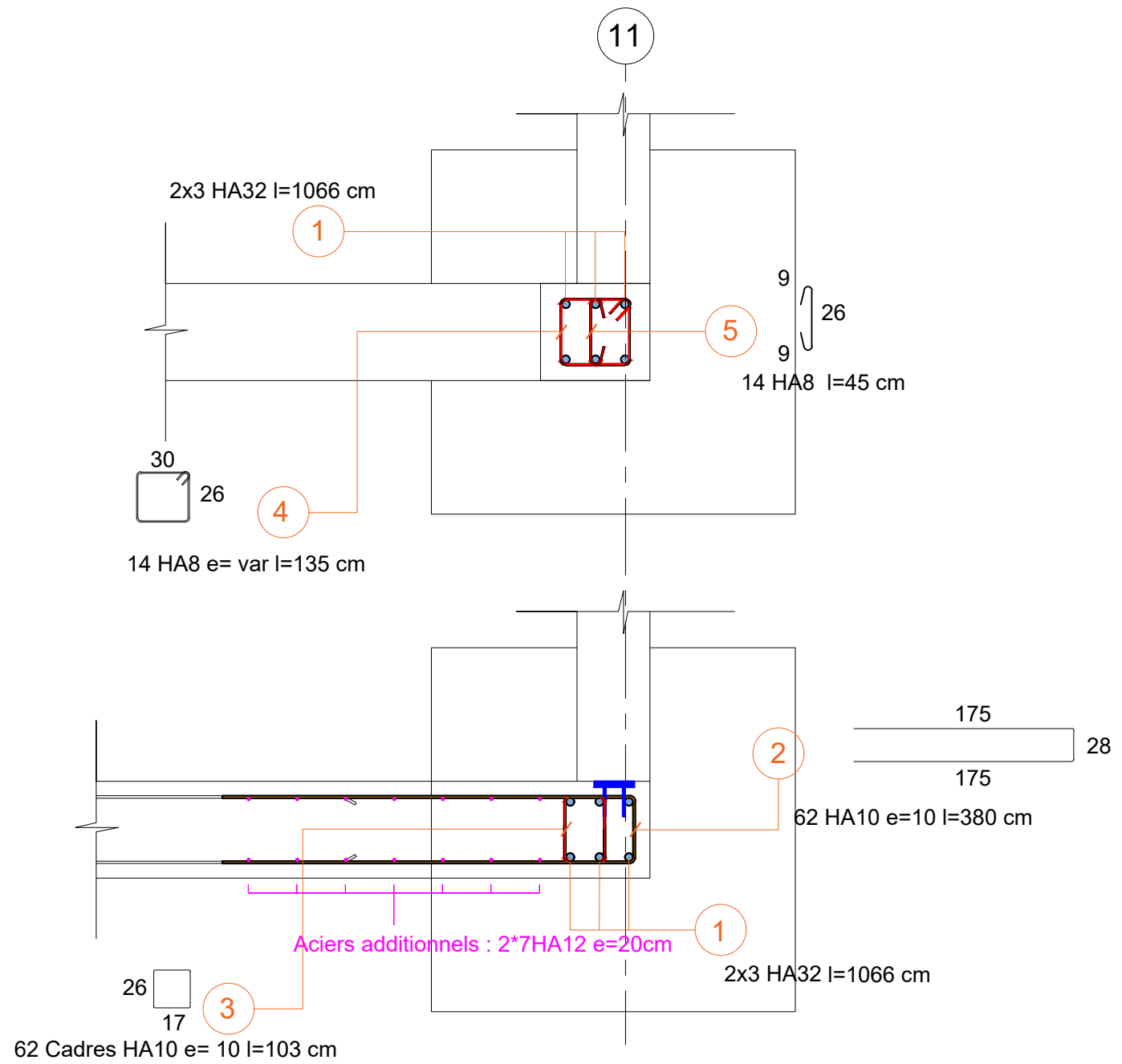
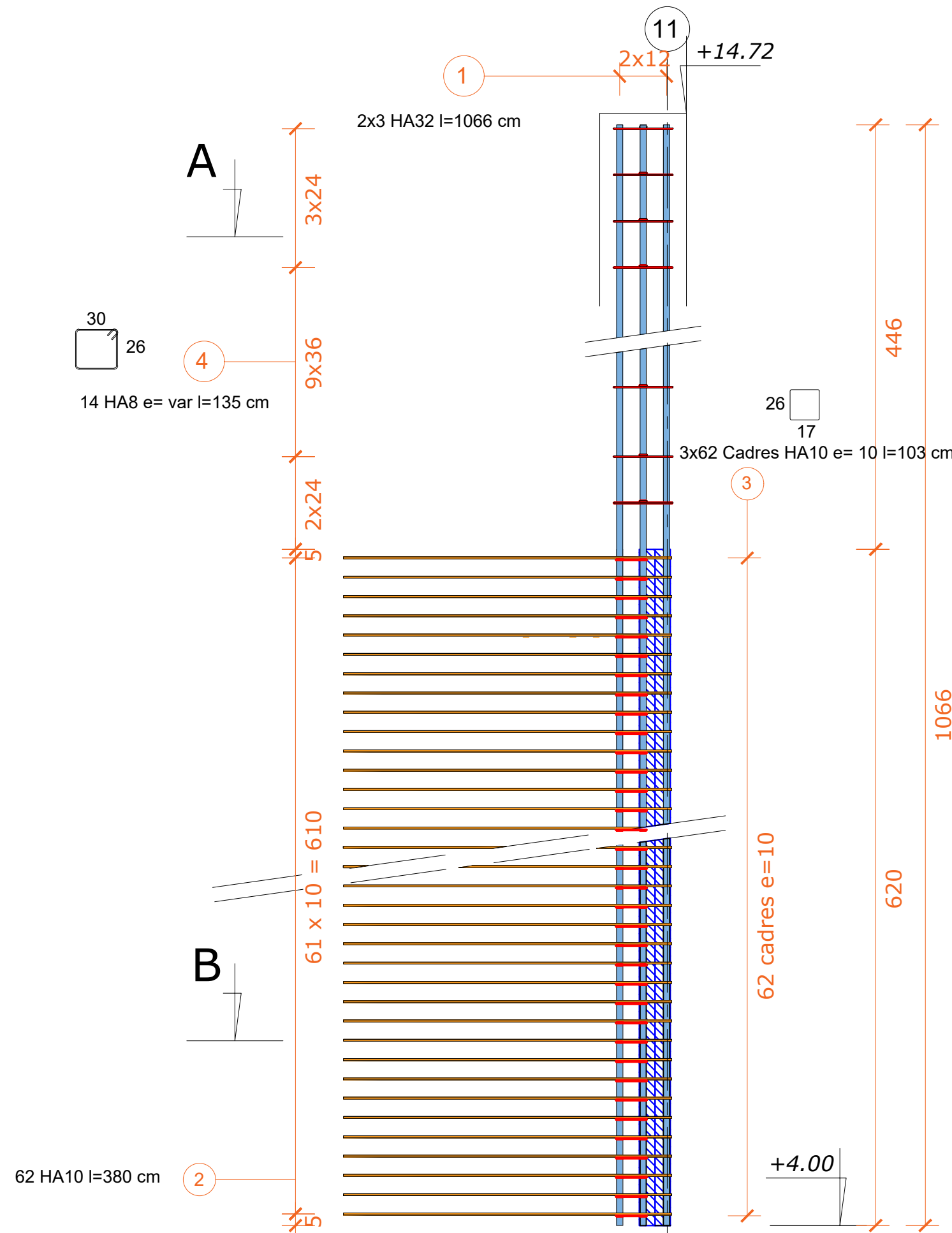


+4.00 - +10.25



CV7 sup (1 Unité)					
Rep	Nature	e	lg	lg tot	kgs
1	4 HA32	24	6.63	27	168
2	19 HA8	var	1.35	26	11
3	4 HA32	24	3.6	14.4	91
Total :					270

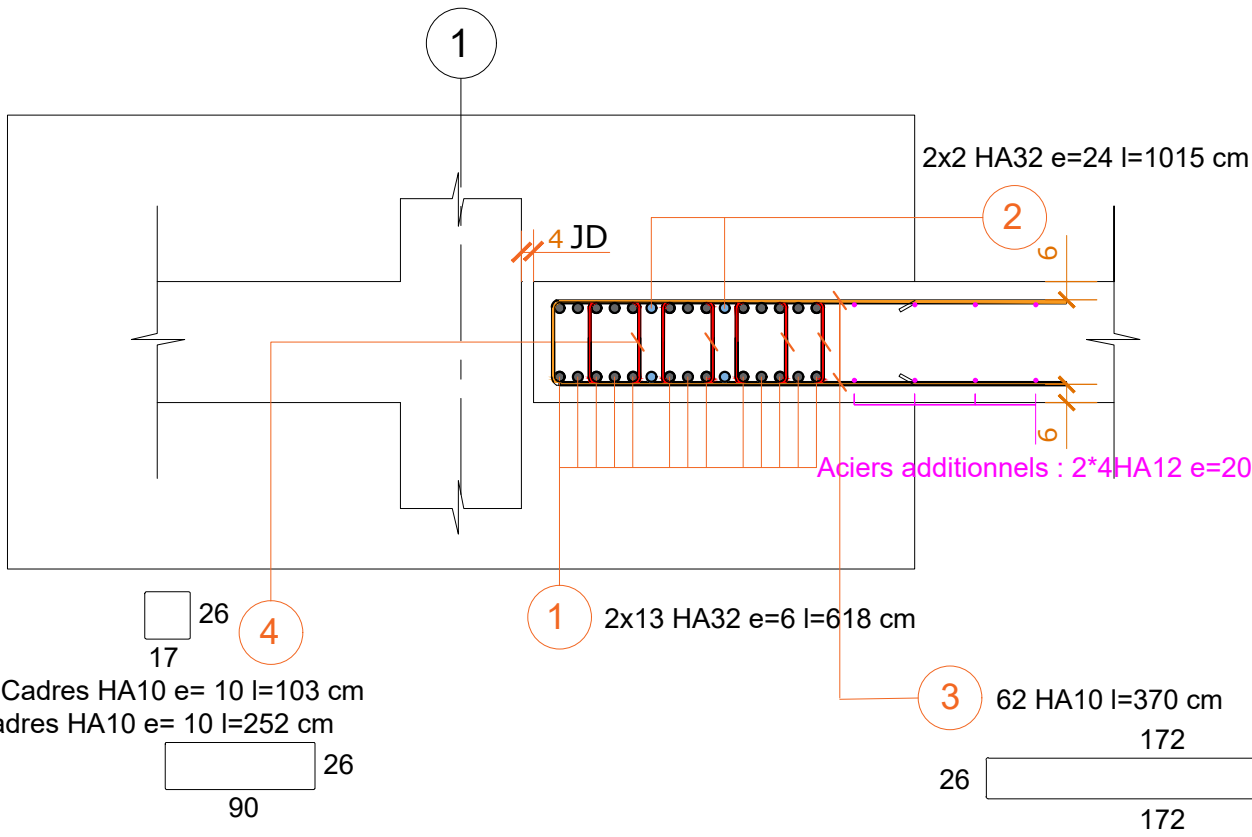
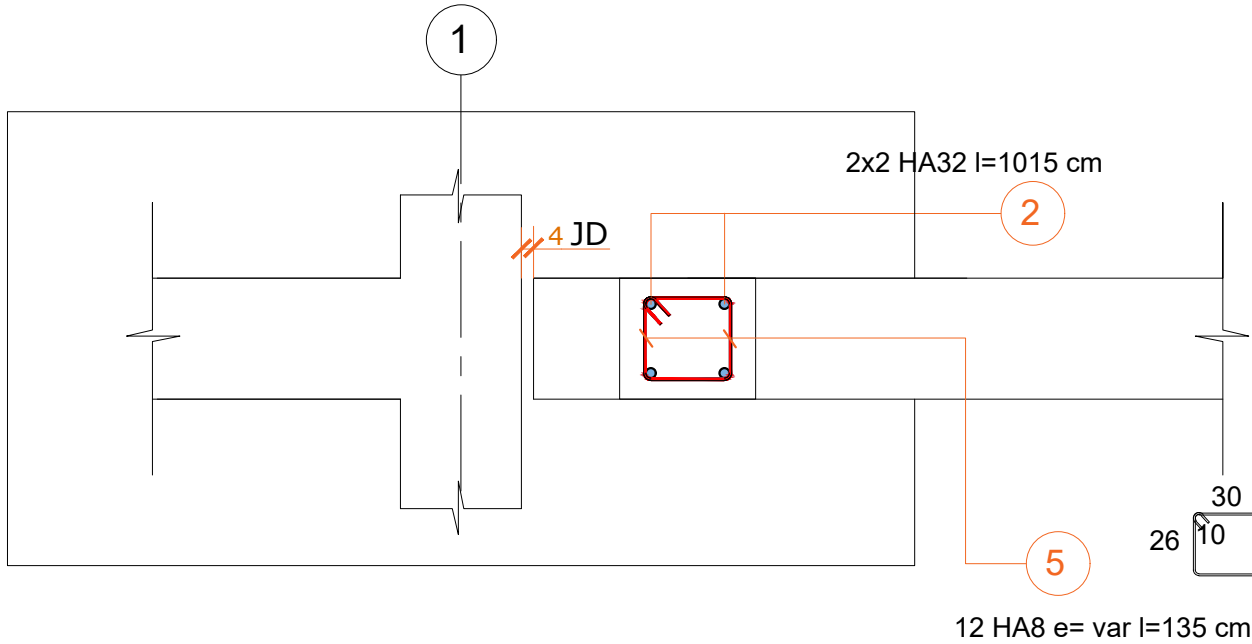
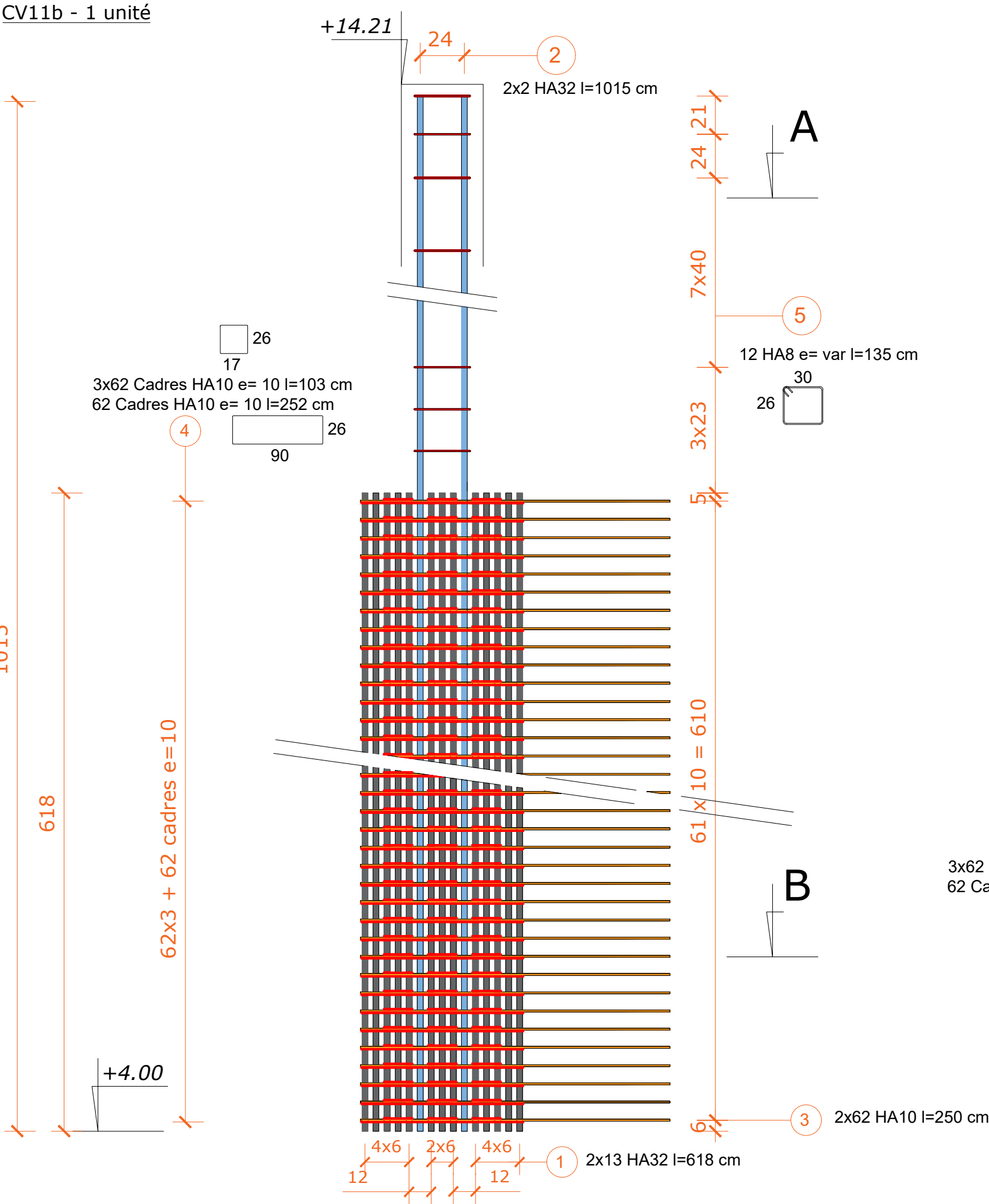
kgs
kgs



CV 11a (1 Unité)					
Rep	Nature	e	lg	lg tot	kgs
1	6 HA32	12	10.66	64	404
2	62 HA10	10	3.8	236	146
3	62 HA10	10	1.03	64	40
4	14 HA8	var	1.35	19	7
5	14 HA8	var	0.45	6	3
Stabox 90S HA 12 e=15 pour mur file 11					

Total : 600 kgs

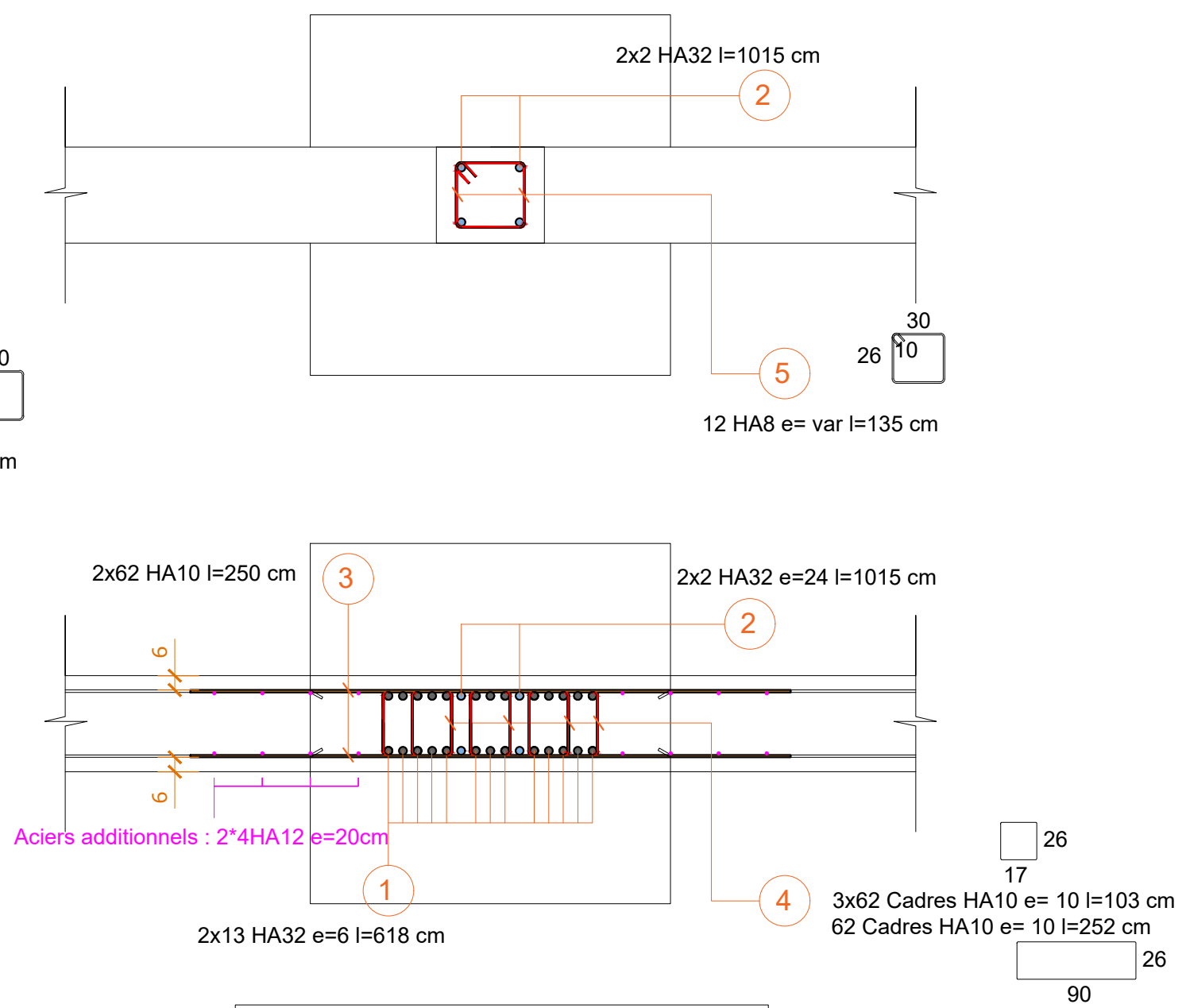
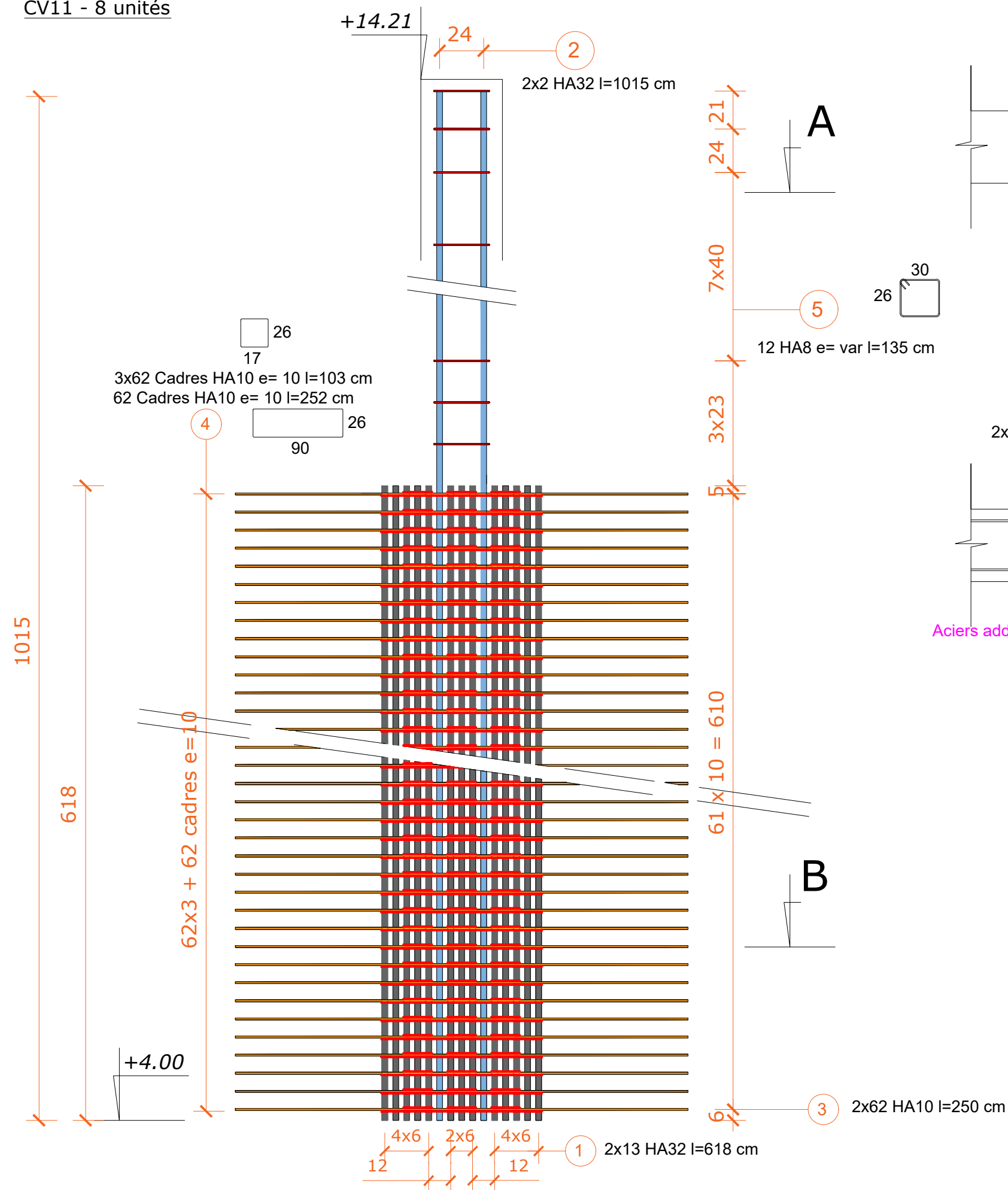
CV11b - 1 unité



3x62 Cadres HA10 e= 10 l=103 cm
62 Cadres HA10 e= 10 l=252 cm

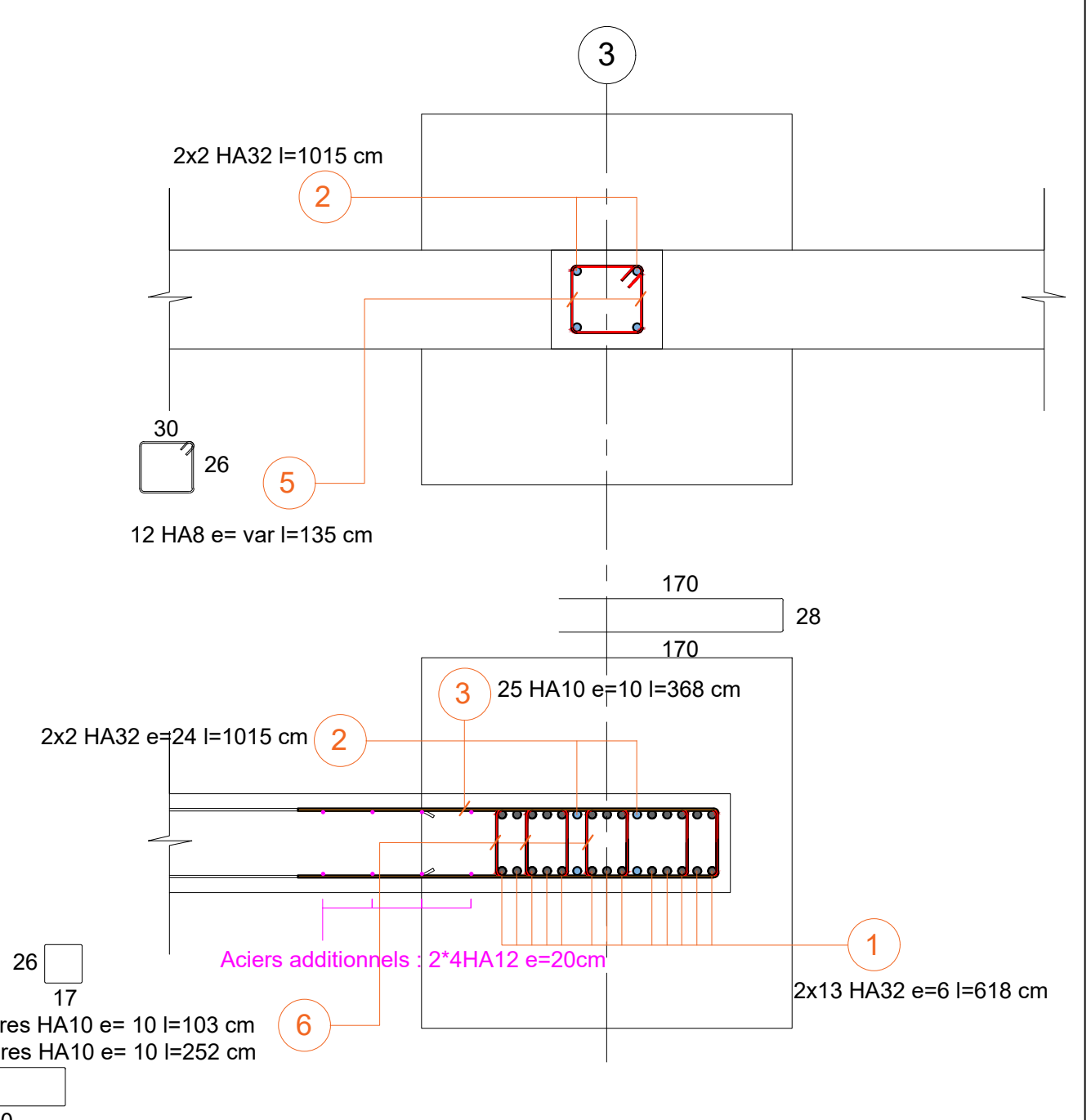
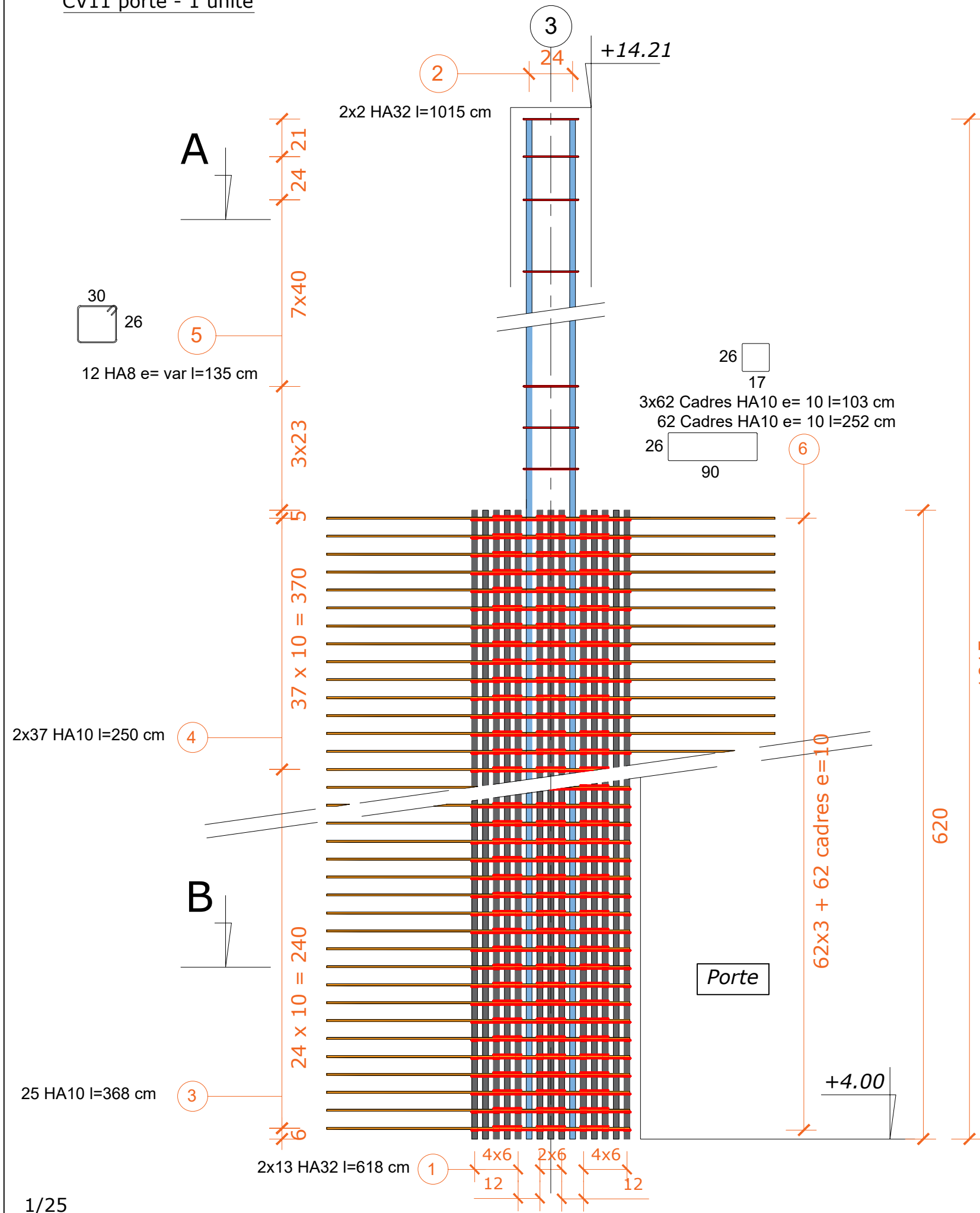
CV 11b (1 Unité)					
Rep	Nature	e	lg	lg tot	kgs
1	26 HA32	6	6.18	161	1014
2	4 HA32	24	10.15	41	256
3	62 HA10	10	3.7	229	142
4	186 HA10	10	1.03	192	119
4	62 HA10	10	2.52	156	97
5	12 HA8	var	1.35	16	6
Total par poteau :					1634 kgs

CV11 - 8 unités

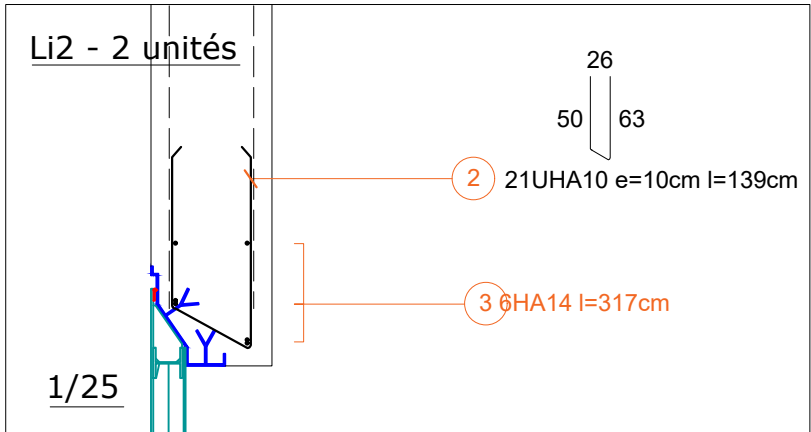
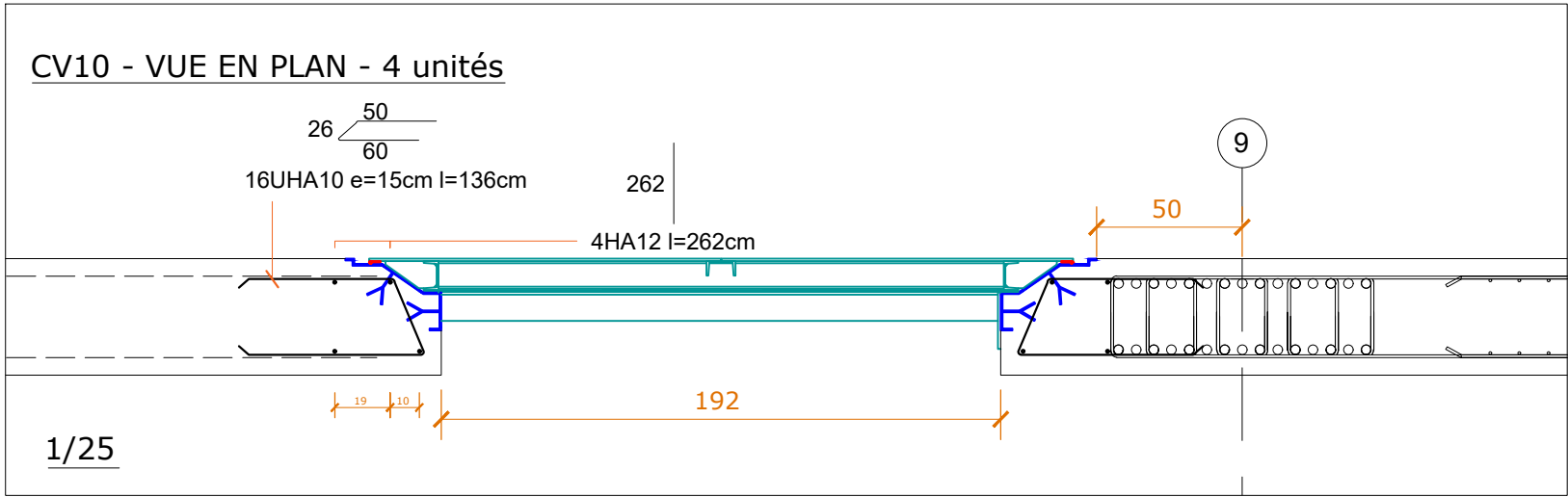
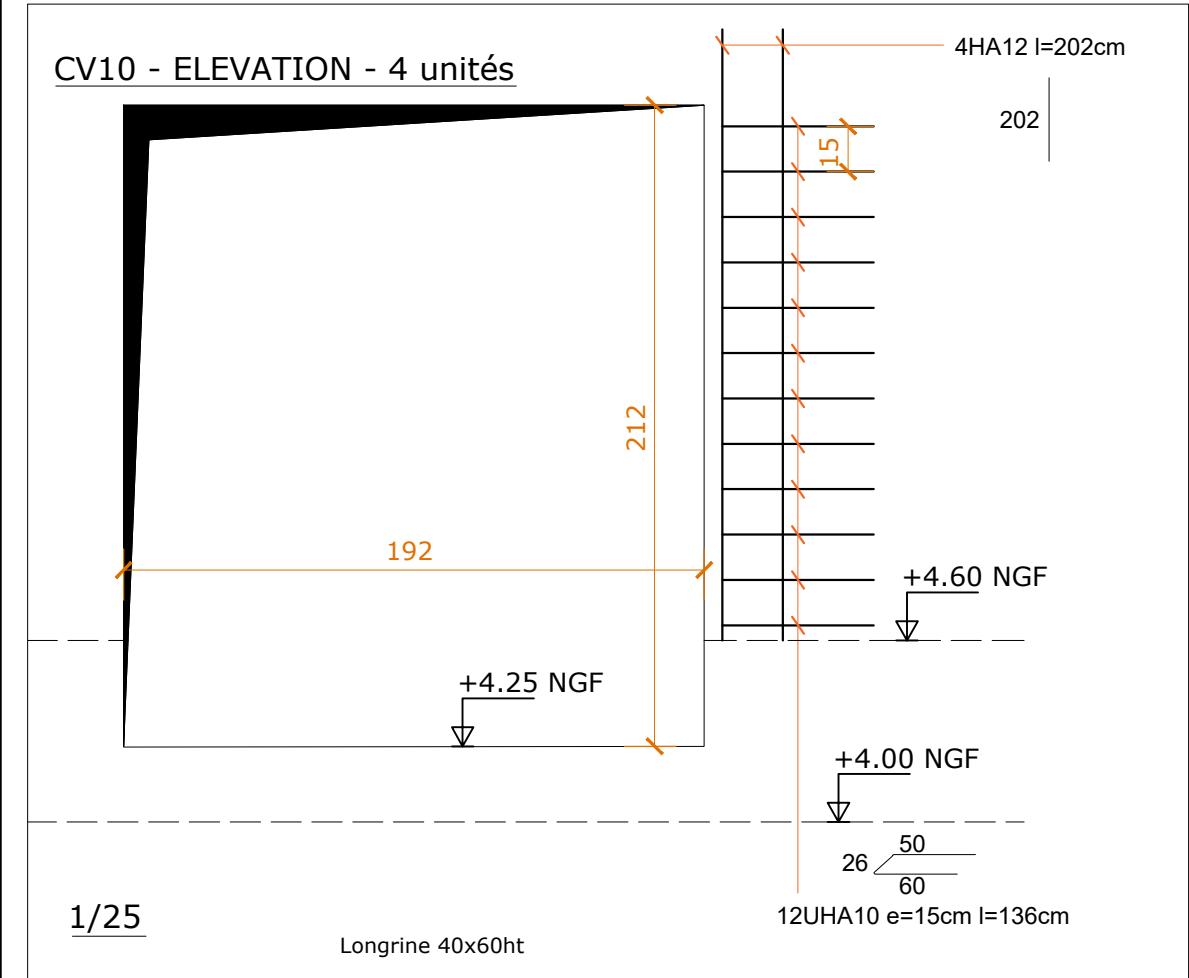
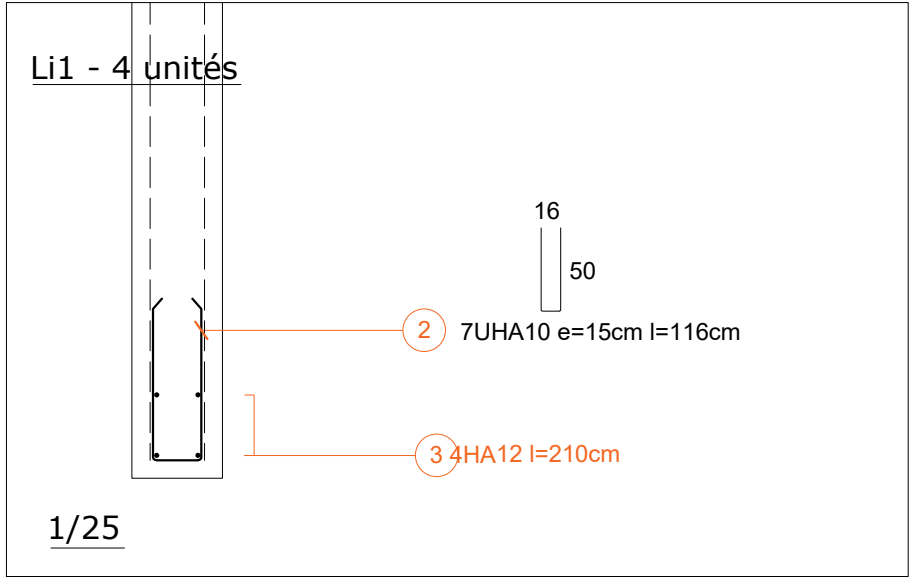
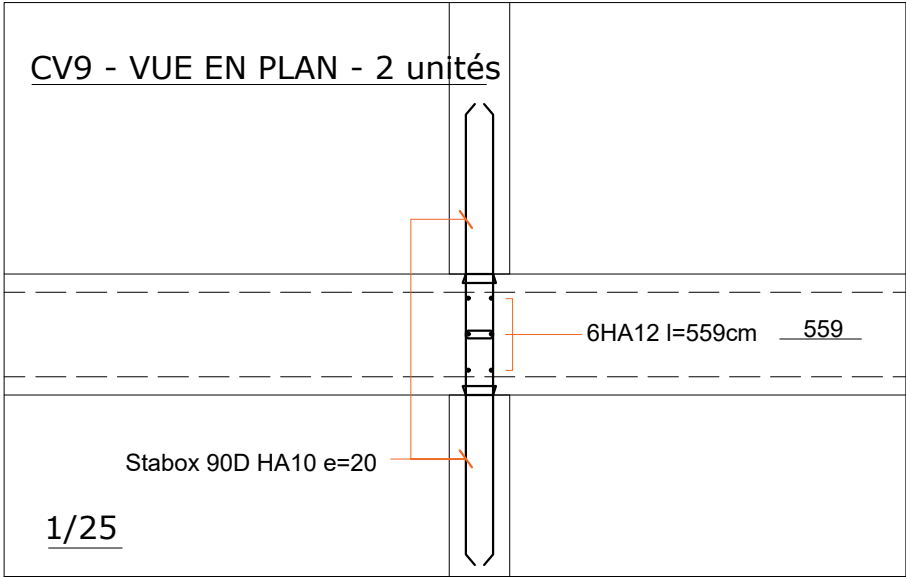
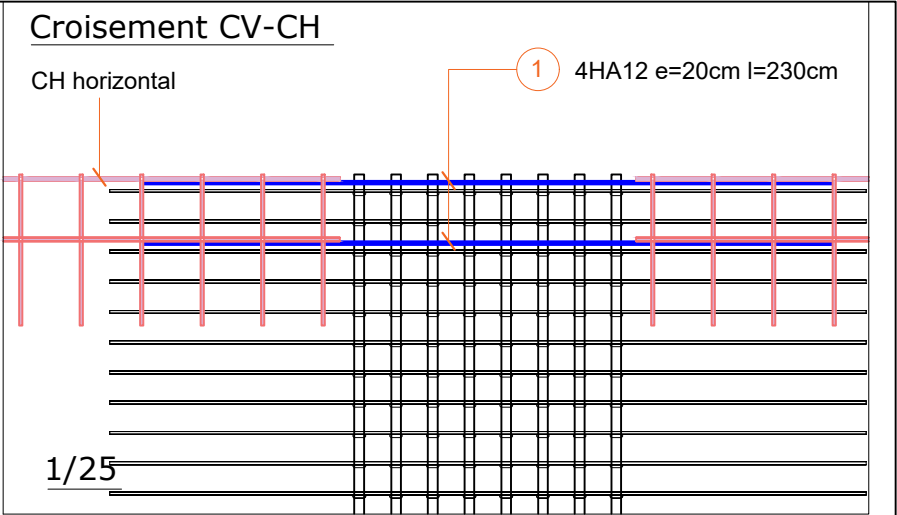
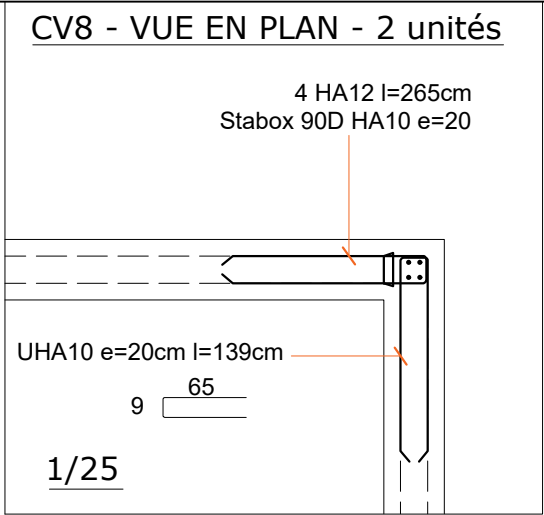
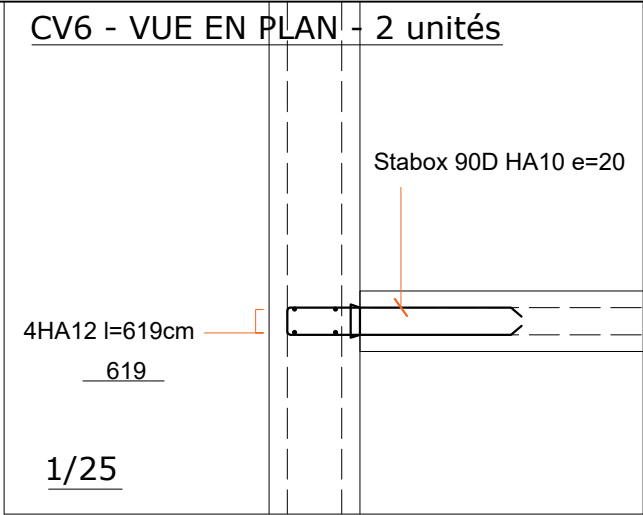
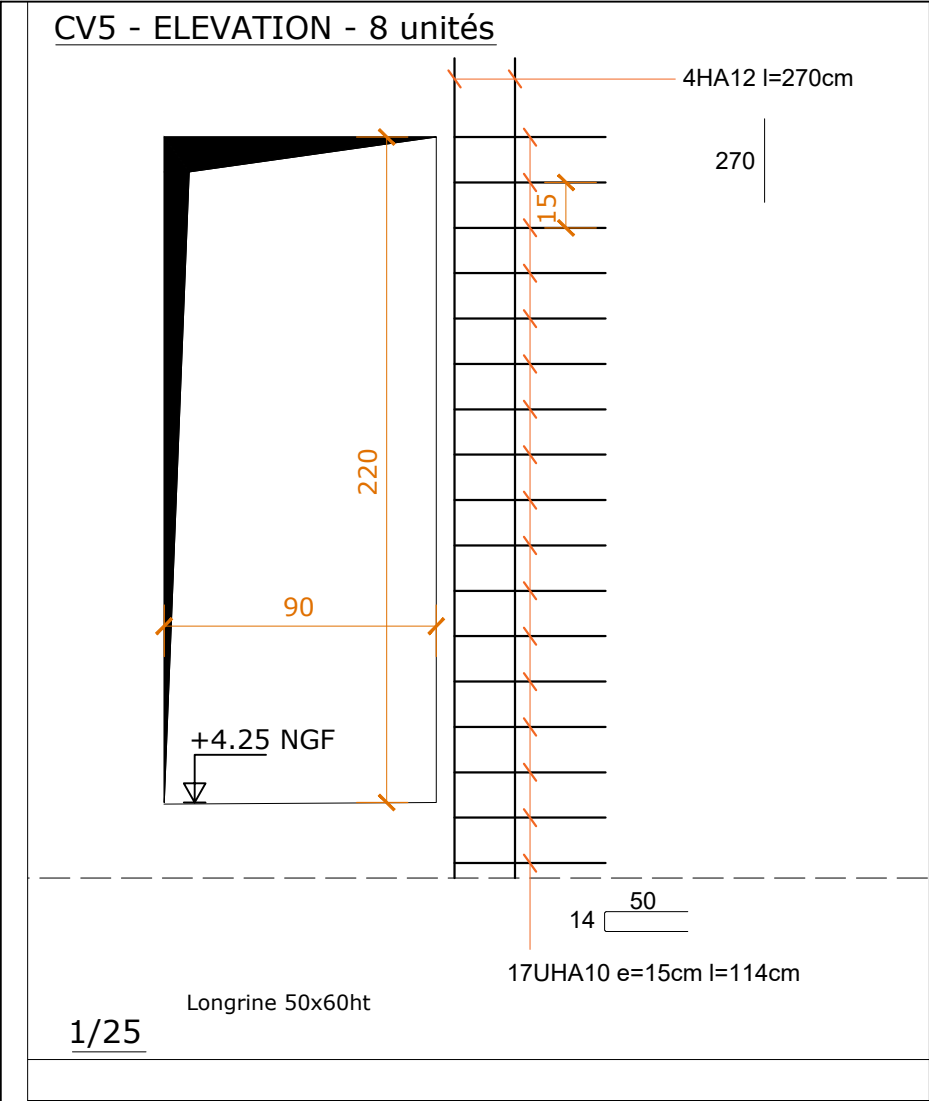


CV 11 (8 Unités)					
Rep	Nature	e	lg	lg tot	kgs
1	26 HA32	6	6.18	161	1014
2	4 HA32	24	10.15	41	256
3	124 HA10	10	2.5	310	192
4	186 HA10	10	1.03	192	119
4	62 HA10	10	2.52	156	97
5	12 HA8	var	1.35	16	6

Total par poteau : 1684 kgs
Total : 15156 kgs



CV 11b (1 Unité)					
Rep	Nature	e	lg	lg tot	kgs
1	26 HA32	6	6.18	161	1014
2	4 HA32	24	10.15	41	255
3	25 HA10	10	3.68	92	57
4	74 HA10	10	2.5	185	115
5	12 HA8	var	1.35	16	6
6	186 HA10	10	1.03	192	119
6	62 HA10	10	2.52	156	97
Total :					1663 kgs

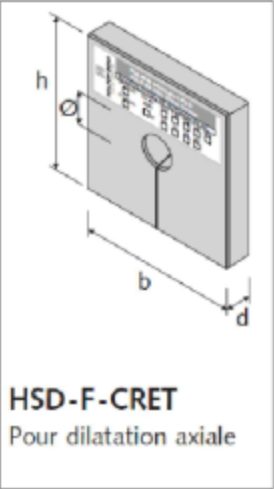


GOUJONS CRET - PRINCIPE VUE EN PLAN

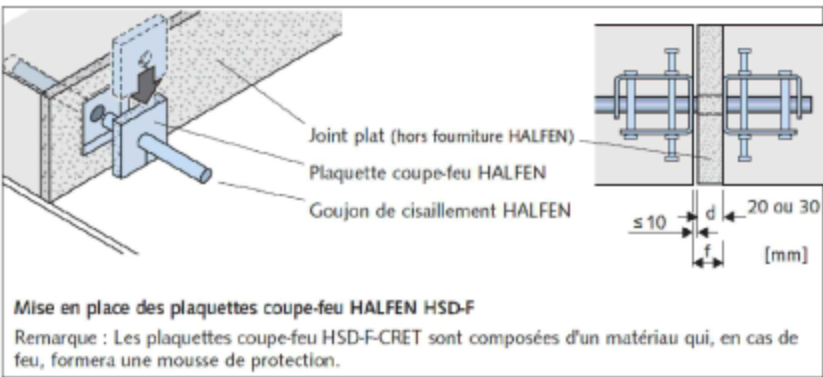
VOILE EXISTANT

Goujons CRET TITAN D40
Cisaillement max ELU : 13.5T

Plaquettes CF HSD-F-CRET F120
120x120x20mm

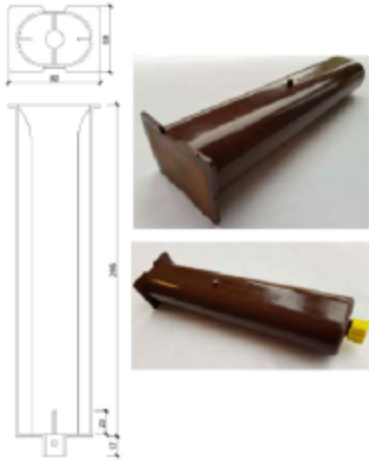


HSD-F-CRET
Pour dilatation axiale

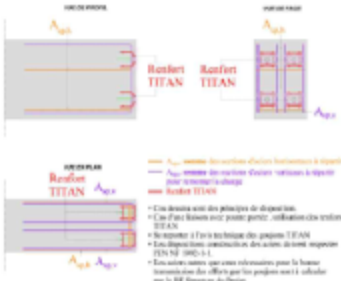


Mise en place des plaquettes coupe-feu HALFEN HSD-F
Remarque : Les plaquettes coupe-feu HSD-F-CRET sont composées d'un matériau qui, en cas de feu, formera une mousse de protection.

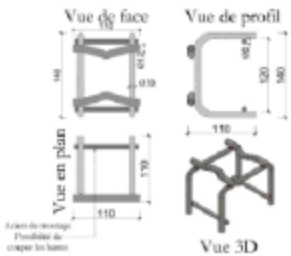
Fourreau Ovalé PVC Ø40



CÔTÉ POUTRE PORTEUSE
Renfort TITAN



RENFORT COTE POUTRE/VOILE
Renfort Voile Mince - VM - Ø330 - Ø40



ELEVATION FILE A

+16.35 NGF
Goujon CRET TITAN D40
Cisaillement ELU : 13.5T

DETAILS SUR NDC LEVIAT

Goujon CRET TITAN D40
Cisaillement ELU : 13.5T

JD 2 cm

CELLULE EXISTANTE

CELLULE PROJET

+4.00 NGF

1/40

ELEVATIONS FILES B et C

+10.25 NGF

DETAILS SUR NDC LEVIAT

Goujon CRET TITAN D40
Cisaillement ELU : 13.5T

JD 2 cm

CELLULE EXISTANTE

CELLULE PROJET

+4.00 NGF

1/40