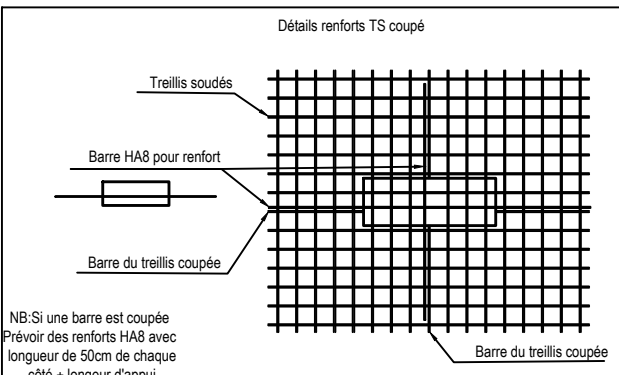


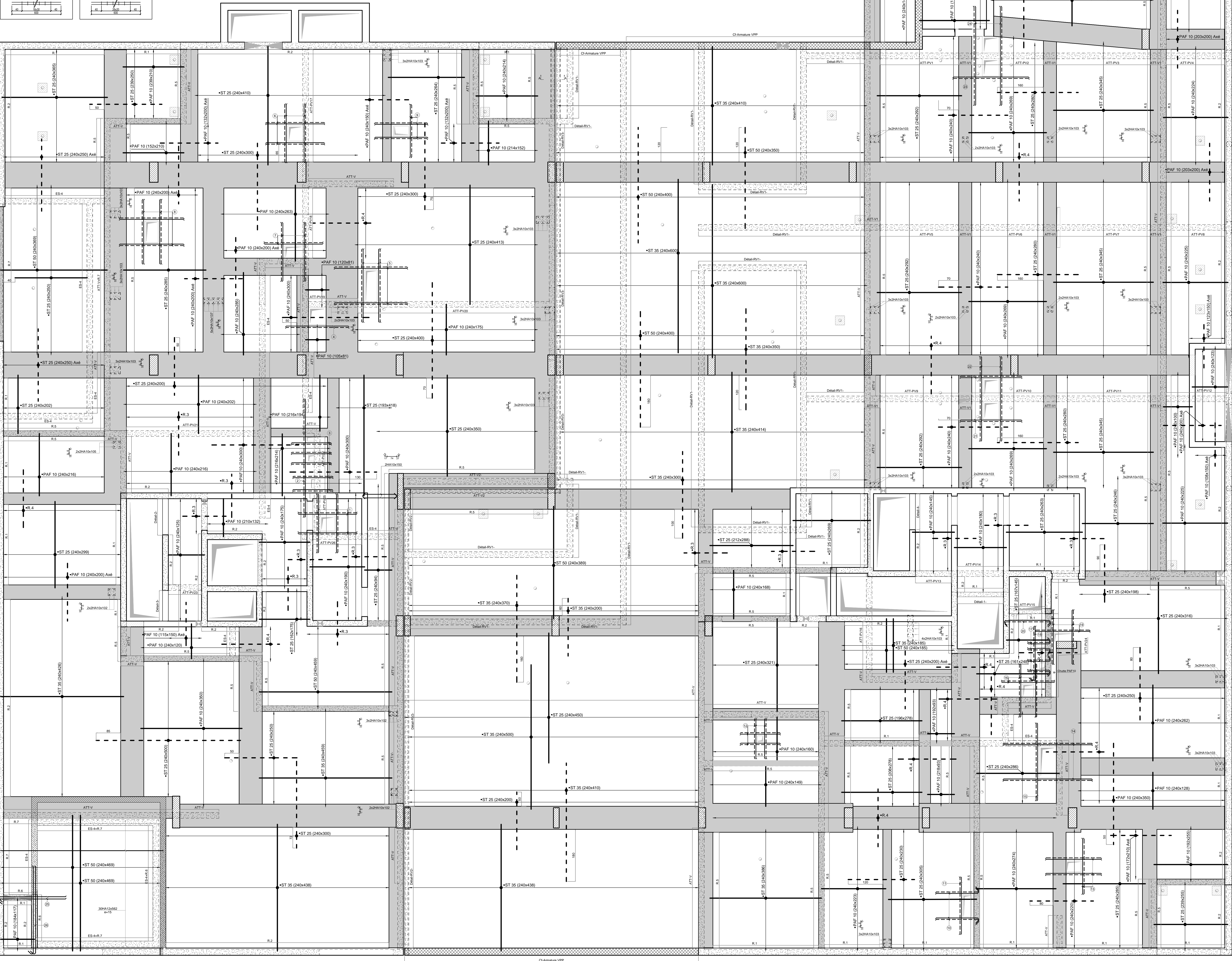
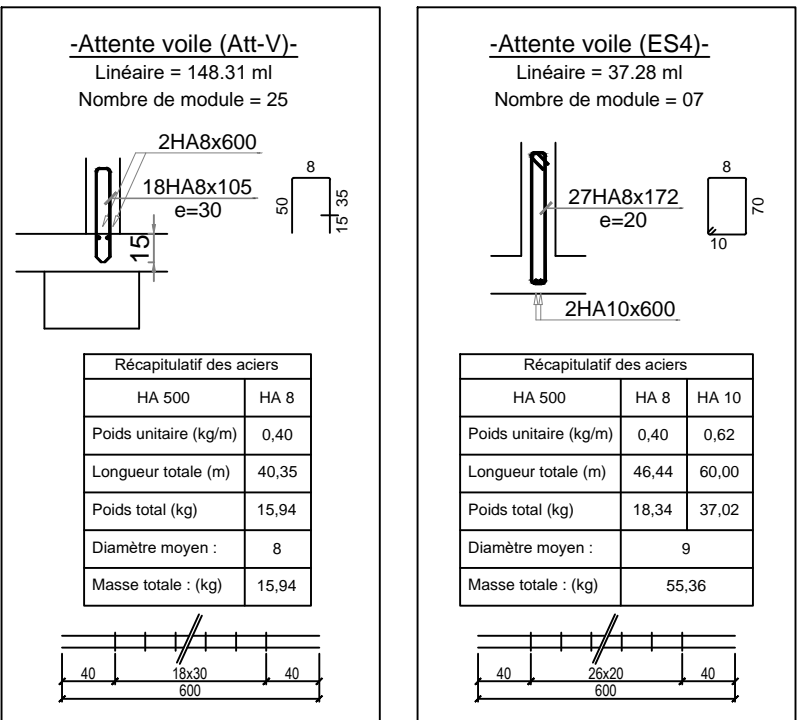
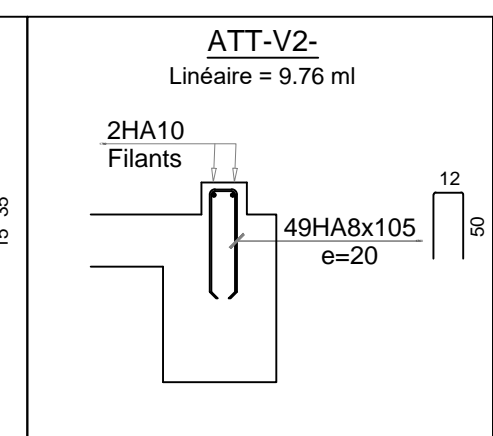
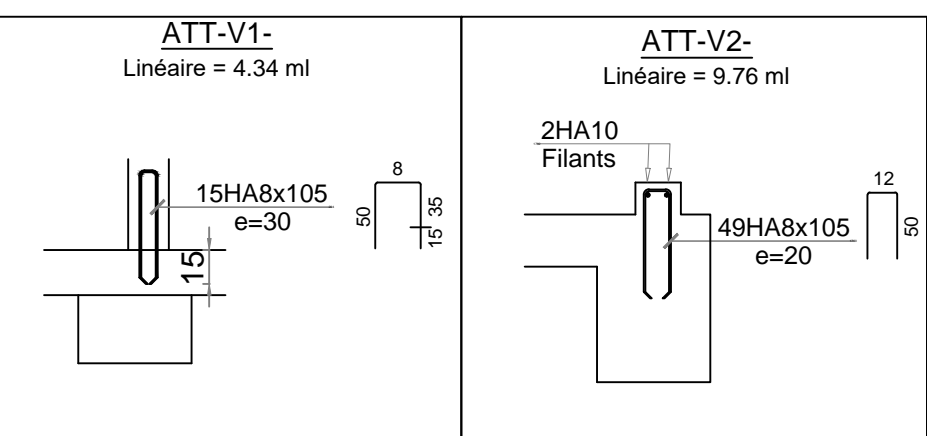
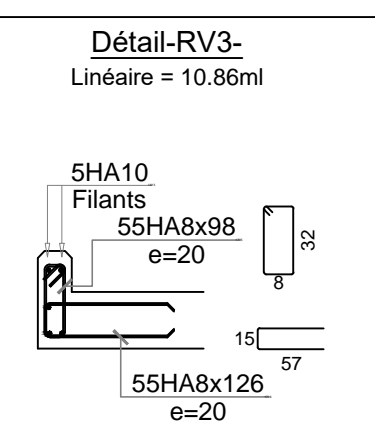
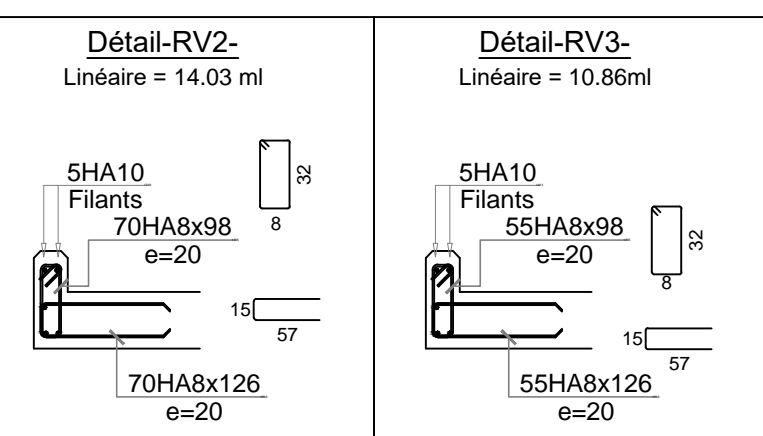
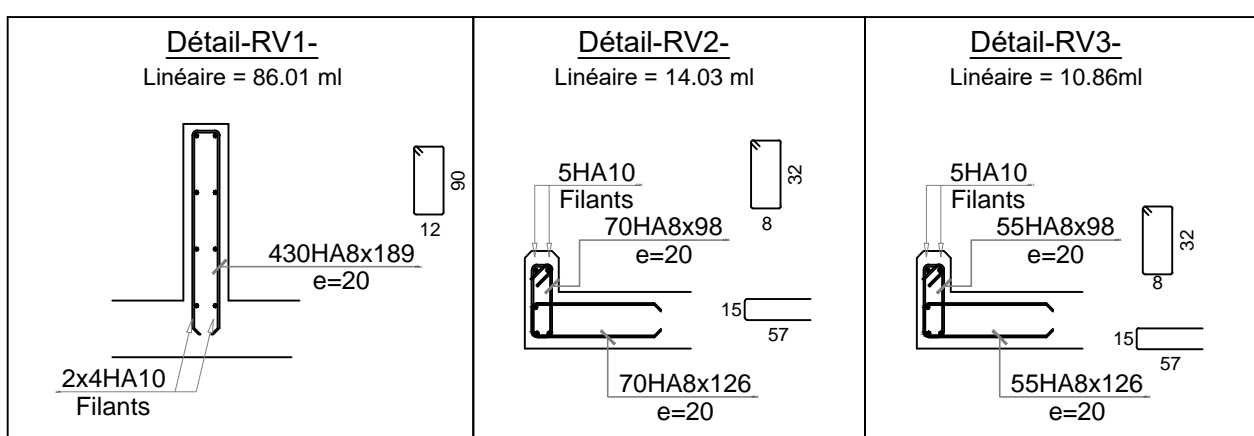
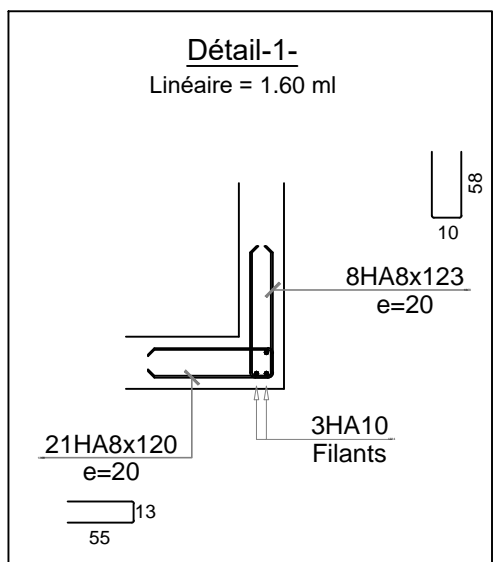
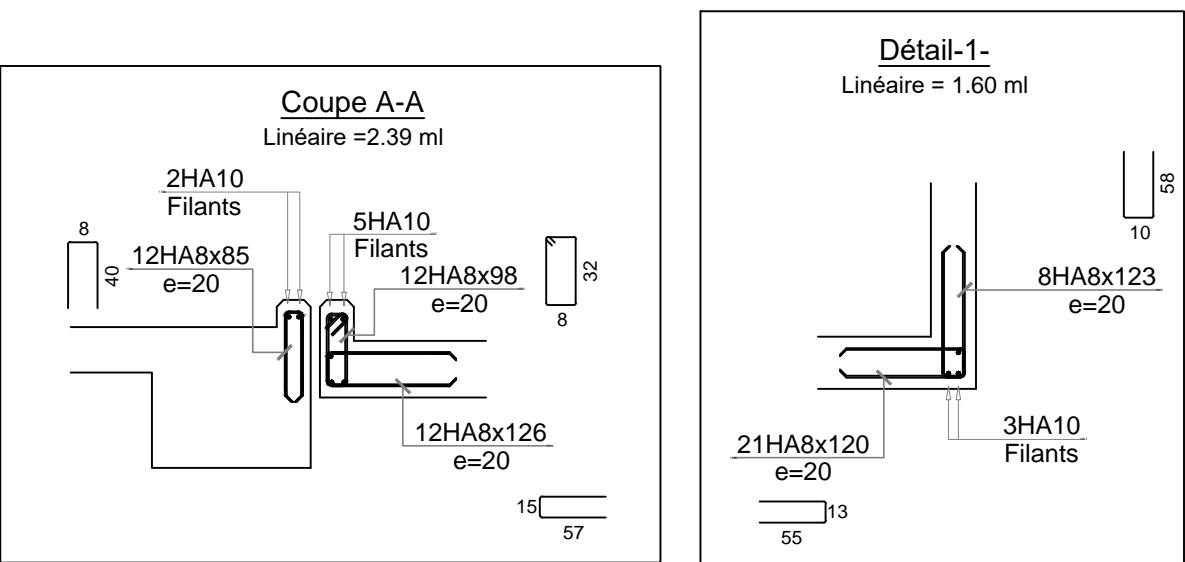
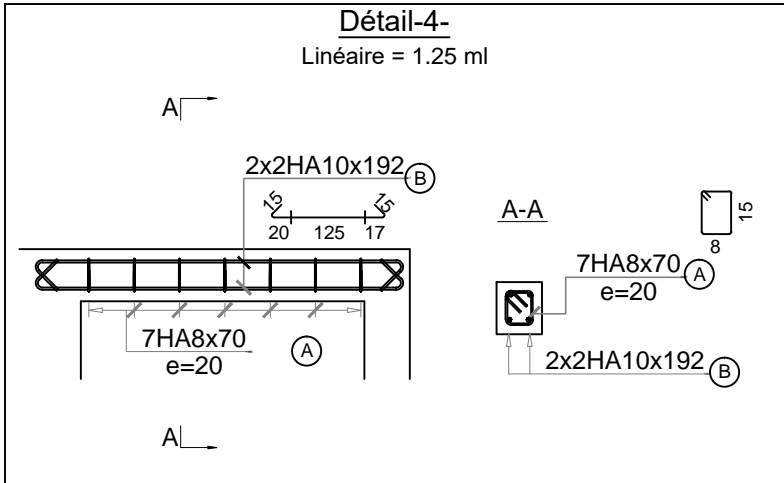
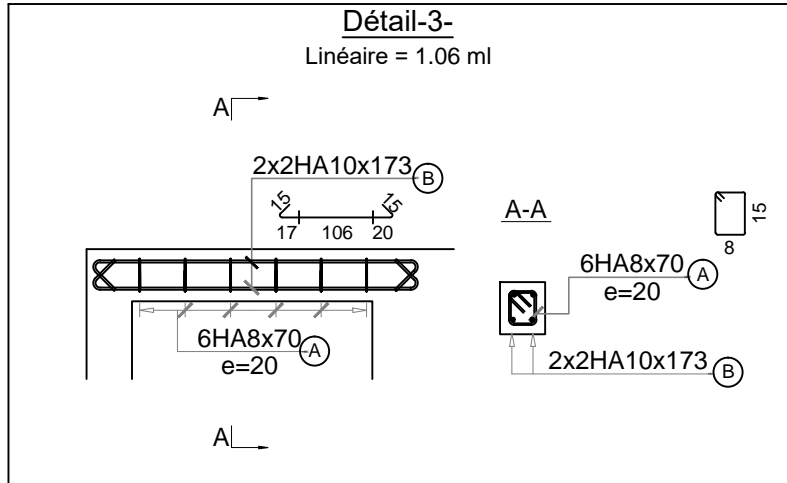
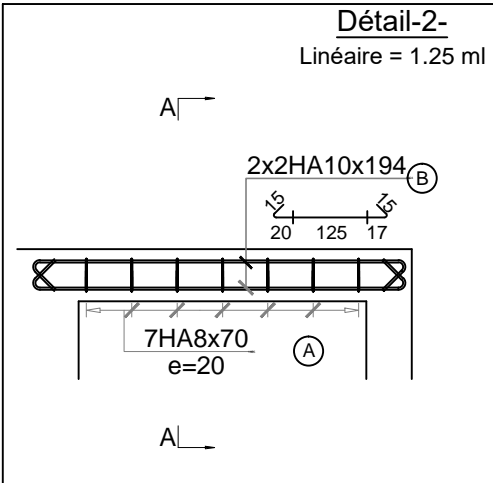
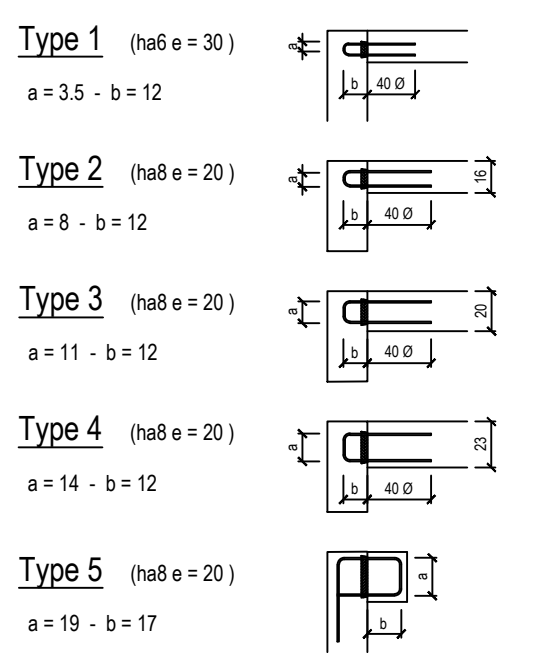
Nomenclature des aciers HA en vue en plan						
Pos.	Total	Diamètre	Schéma	Longueur (m)	Notes	
①	8	10		2,05	4 A.Sup+4 A.Inf	
②	2	10		4,11	1 A.Sup+1 A.Inf	
③	8	10		1,40	4 A.Sup+4 A.Inf	
④	2	10		2,20	1 A.Sup+1 A.Inf	
⑤	8	10		2,55	4 A.Sup+4 A.Inf	
⑥	8	10		2,05	4 A.Sup+4 A.Inf	
⑦	6	10		2,05	3 A.Sup+3 A.Inf	
⑧	8	10		2,25	4 A.Sup+4 A.Inf	
⑨	6	10		1,85	3 A.Sup+3 A.Inf	
⑩	4	12		1,69	2 A.Sup+2 A.Inf	
⑪	2	10		2,00	1 A.Sup+1 A.Inf	
⑫	8	10		1,40	4 A.Sup+4 A.Inf	
⑬	6	10		1,95	3 A.Sup+3 A.Inf	
⑭	4	14		3,10	2 A.Sup+2 A.Inf	
⑮	2	10		2,70	1 A.Sup+1 A.Inf	
⑯	6	10		1,85	3 A.Sup+3 A.Inf	
⑰	8	10		0,96	4 A.Sup+4 A.Inf	
⑱	2	10		2,06	1 A.Sup+1 A.Inf	
⑲	6	10		1,90	3 A.Sup+3 A.Inf	
⑳	2	10		1,59	1 A.Sup+1 A.Inf	
㉑	4	10		2,15	2 A.Sup+2 A.Inf	
㉒	4	10		2,94	2 A.Sup+2 A.Inf	
㉓	2	10		2,65	1 A.Sup+1 A.Inf	
㉔	4	10		3,44	2 A.Sup+2 A.Inf	
㉕	4	12		2,51	2 A.Sup+2 A.Inf	
㉖	4	12		3,24	2 A.Sup+2 A.Inf	

Récapitulatif des aciers						
HA 500	HA 8	HA 10	HA 12	HA 14	HA 16	HA 20
Poids unitaire (kg/m)	0,40	0,62	0,89	1,21	1,58	2,47
Longueur totale (m)	4647,30	1424,21	255,50	134,38	25,24	141,66
Poids total (kg)	1835,68	878,74	226,88	162,60	39,88	349,90
Diamètre moyen :	9					
Masse totale : (kg)	3493,68					

Récapitulatif des TS		
Quantité	Type de TS	Masse (kg)
80	PAF 10	1507,43
77	ST 25	3347,38
60	ST 35	3477,23
31	ST 50	2350,35
Total : (kg)		10682,39

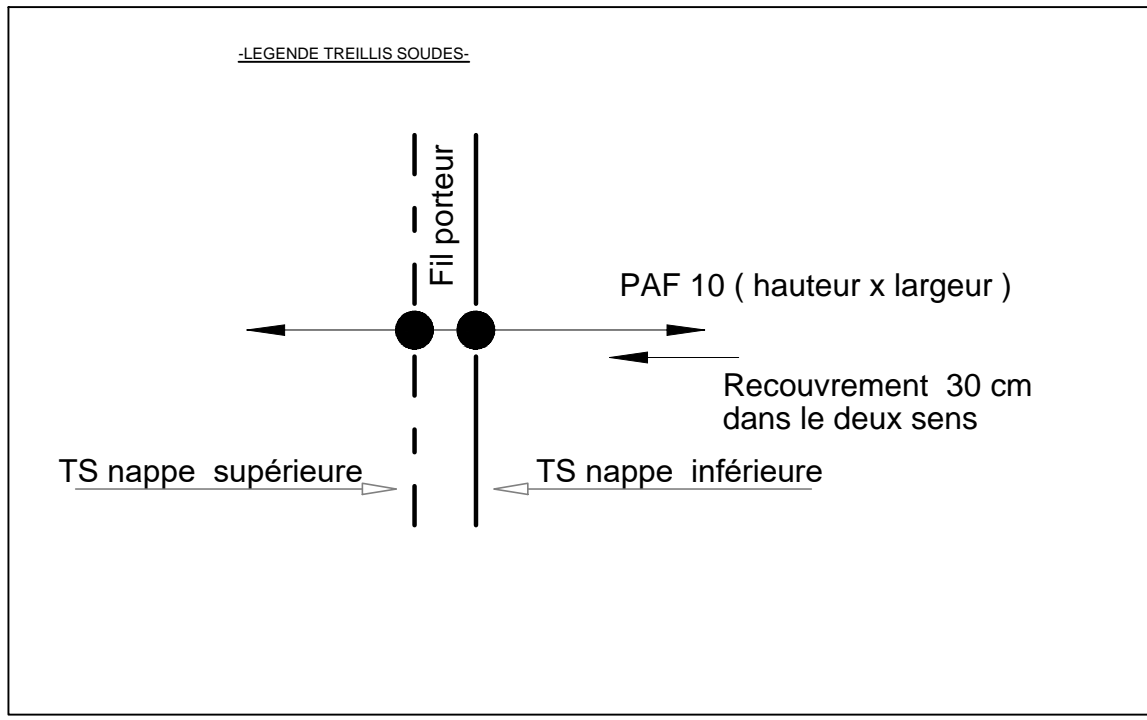
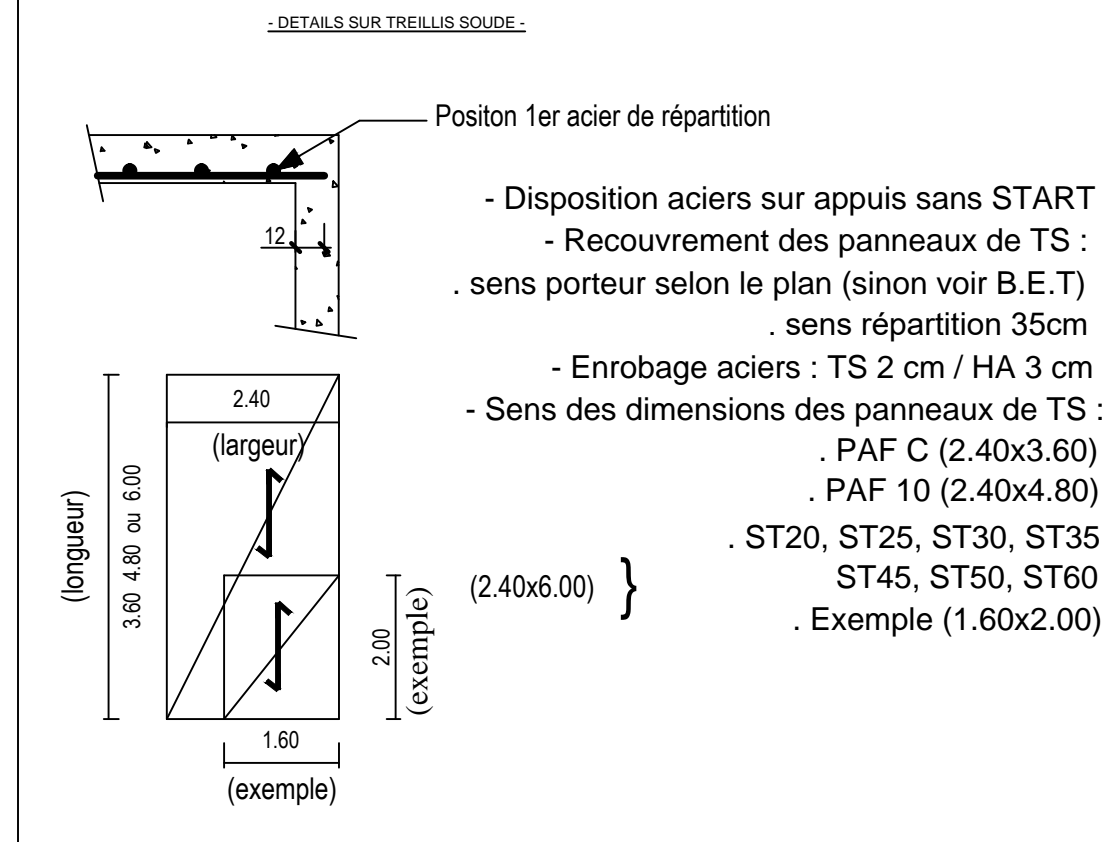
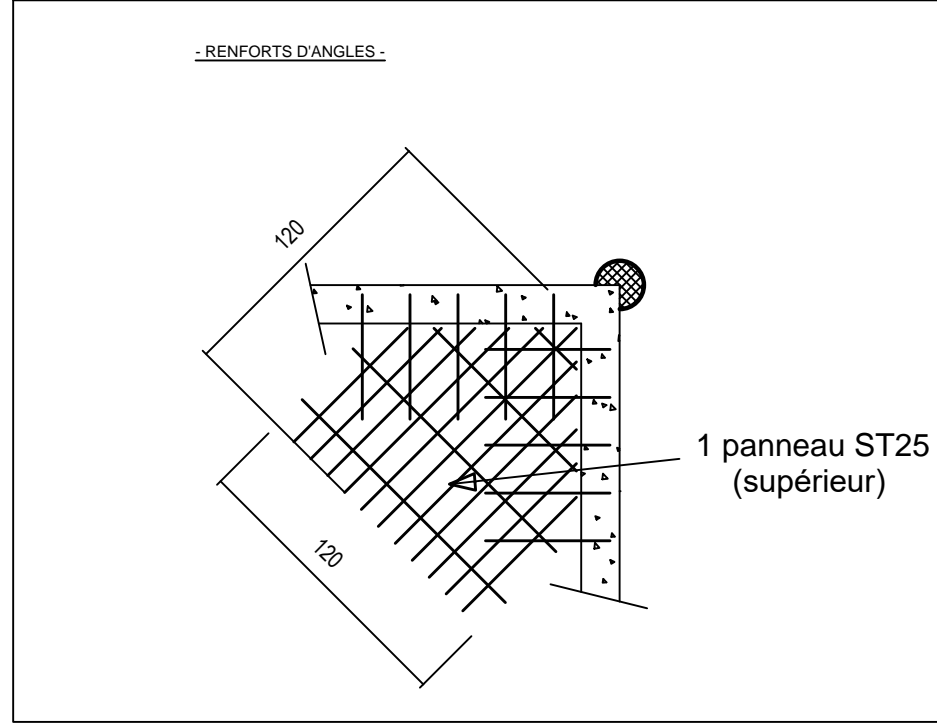


- Boîtes d'attentes -



- Nota -

- R.1 Boite d'attente (HA8 e = 20)
- R.2 Boite d'attente (HA8 e = 20)+1 PAF 10 x 60 Sup
- R.3 ST25 (240x150) Axé Sup
- R.4 ST25 (240x200) Axé Sup
- R.5 1 PAF 10 x 60 Sup
- R.6 Boite d'attente (HA8 e = 20)+ST20 (240x100) Sup
- R.7 ST25 (240x100) Sup



HYPOTHESES DE L'ETUDE
 *Classe de Bétons: C25/30 sauf indications contraires
 *Classe d'exposition : XC1 int
 *Enrobage : 3 cm int
 * CF/SF :2h