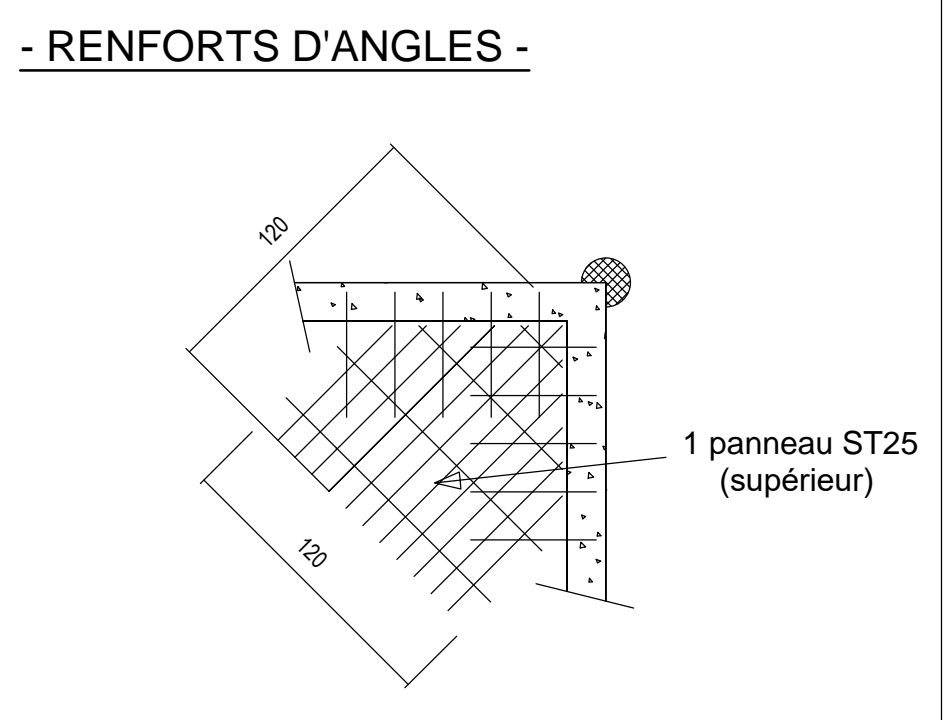
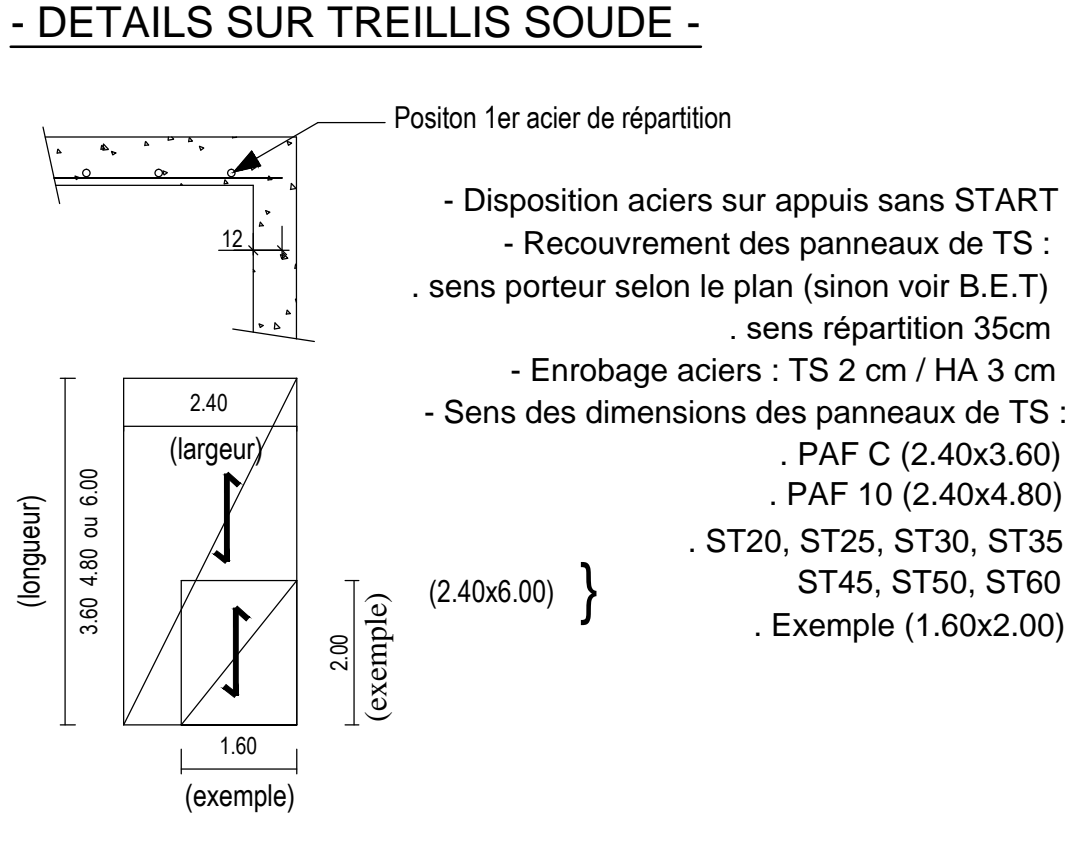
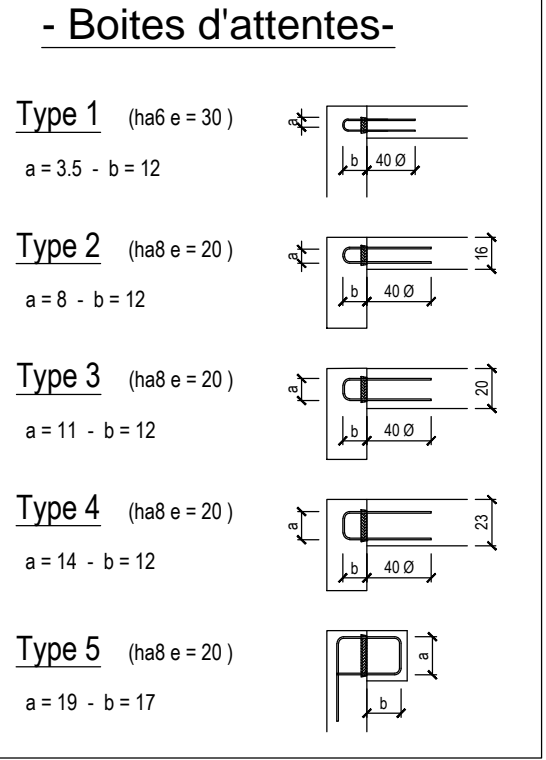
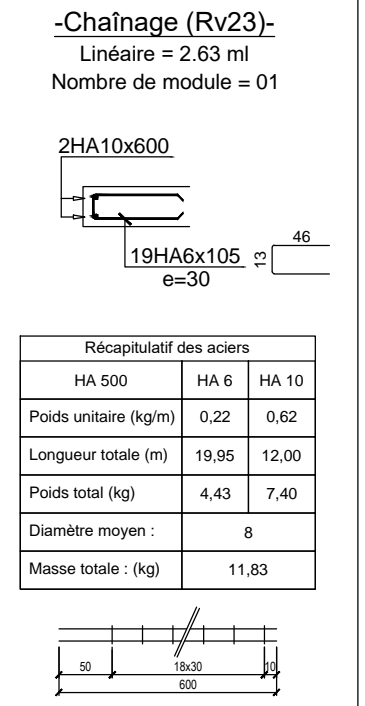
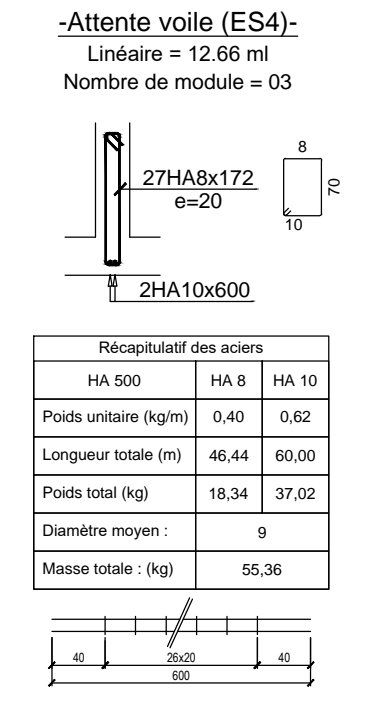
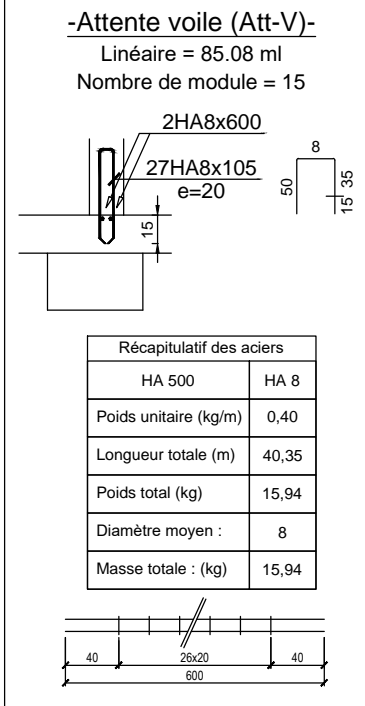
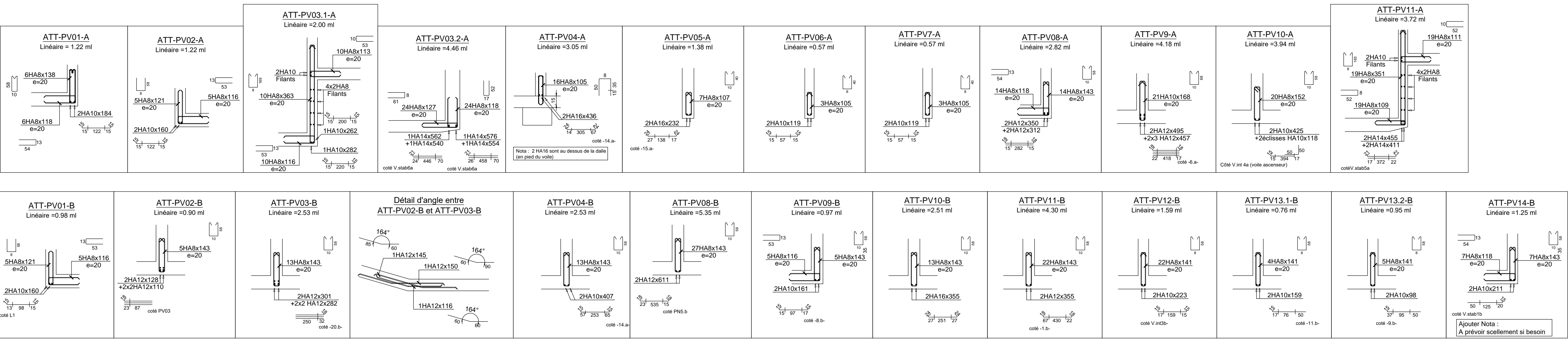


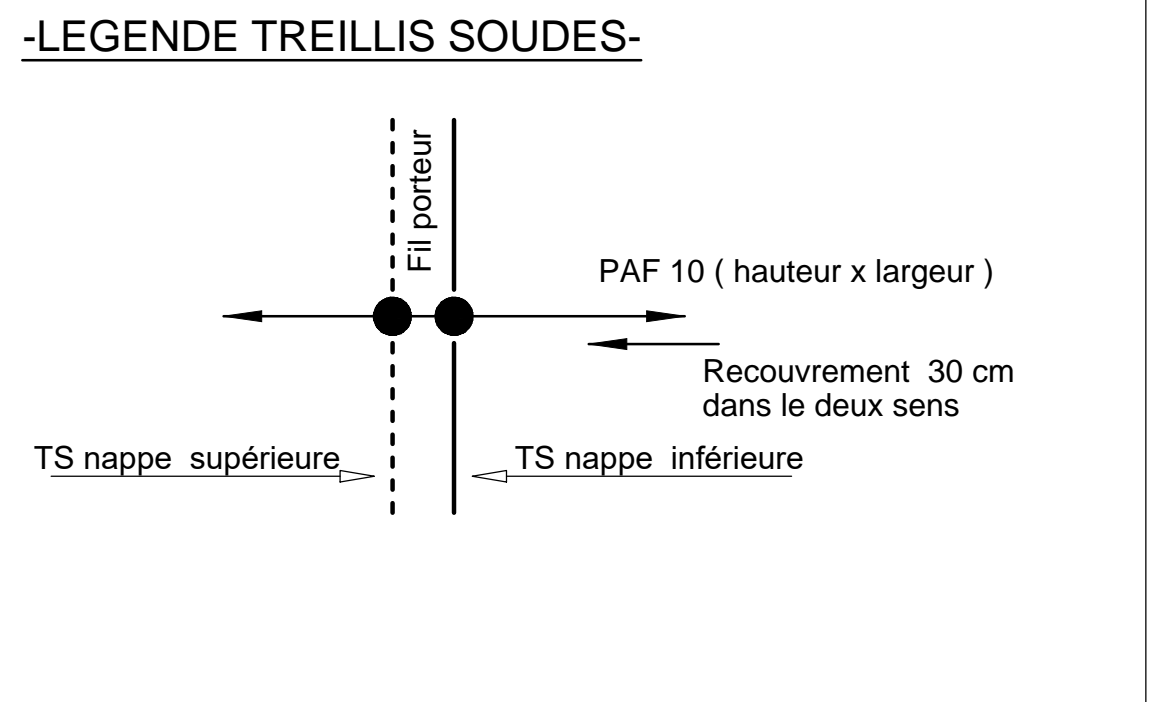
Nomenclature des aciers HA en vue en plan					
Pos.	total	Diamètre	Schéma	Longueur (m)	Notes
①	4	10	200	2,00	2 A.Sup+2 A.Inf
②	3	10	255	2,55	3 A.Inf
③	1	10	295	2,95	1 A.Sup
④	2	10	315	3,15	2 A.Sup
⑤	6	10	155	1,55	3 A.Sup+3 A.Inf
⑥	2	10	154	1,70	1 A.Sup+1 A.Inf
⑦	1	16	289	2,89	1 A.Sup
⑧	3	10	190	1,90	1 A.Sup+2 A.Inf
⑨	1	12	210	2,10	1 A.Sup
⑩	2	10	170	1,70	1 A.Sup+1 A.Inf
⑪	2	10	156	1,73	1 A.Sup+1 A.Inf
⑫	1	12	249	2,49	1 A.Inf
⑬	2	10	240	2,40	1 A.Sup+1 A.Inf
⑭	4	10	139	1,39	2 A.Sup+2 A.Inf
⑮	2	10	142	1,59	1 A.Sup+1 A.Inf
⑯	4	10	215	2,15	2 A.Sup+2 A.Inf
⑰	4	12	220	2,20	2 A.Sup+2 A.Inf
⑱	4	10	200	2,00	2 A.Sup+2 A.Inf
⑲	4	10	155	1,55	2 A.Sup+2 A.Inf
⑳	3	10	200	2,00	1 A.Sup+2 A.Inf
㉑	1	10	139	1,56	1 A.Inf
㉒	1	14	159	1,83	1 A.Sup
㉓	1	10	240	2,40	1 A.Sup
㉔	2	10	160	1,60	1 A.Sup+1 A.Inf
㉕	6	10	172	1,72	3 A.Sup+3 A.Inf
㉖	2	10	103	1,20	1A.Sup+1 A.Inf
㉗	4	10	265	2,65	1 A.Sup+1 A.Inf

Récapitulatif des aciers						
HA 500	HA 6	HA 8	HA 10	HA 12	HA 14	HA 16
Poids unitaire (kg/m)	0,22	0,40	0,62	0,89	1,21	1,58
Longueur totale (m)	19,95	1621,29	289,08	184,96	41,47	145,43
Poids total (kg)	4,43	640,41	178,36	164,24	50,18	229,78
Diamètre moyen :	9					
Masse totale : (kg)	1267,40					

Récapitulatif des TS		
Quantité	Type de TS	Masse (kg)
7	PAF 10	131,90
54	ST 20	1933,20
53	ST 25	2304,04
10	ST 35	579,54
12	ST 50	909,81
Total : (kg)		5858,49



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



HYPOTHESES DE L'ETUDE
*Classe de Bétons: C25/30 sauf indications contraires
*Classe d'exposition : XC1
*Enrobage mini 4 cm
* CF/SF :2h