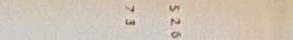
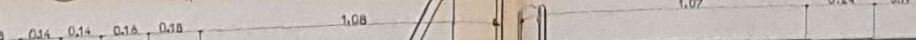


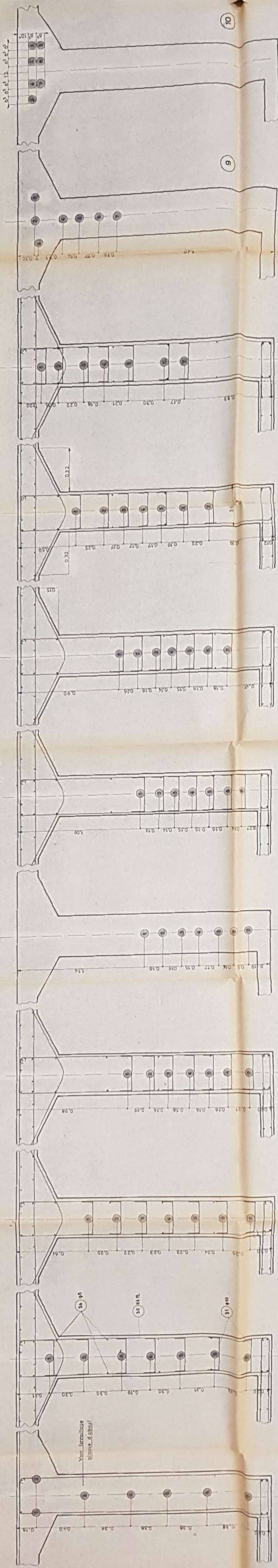
ECHELLES:
H, $1/10$
L, $1/50$

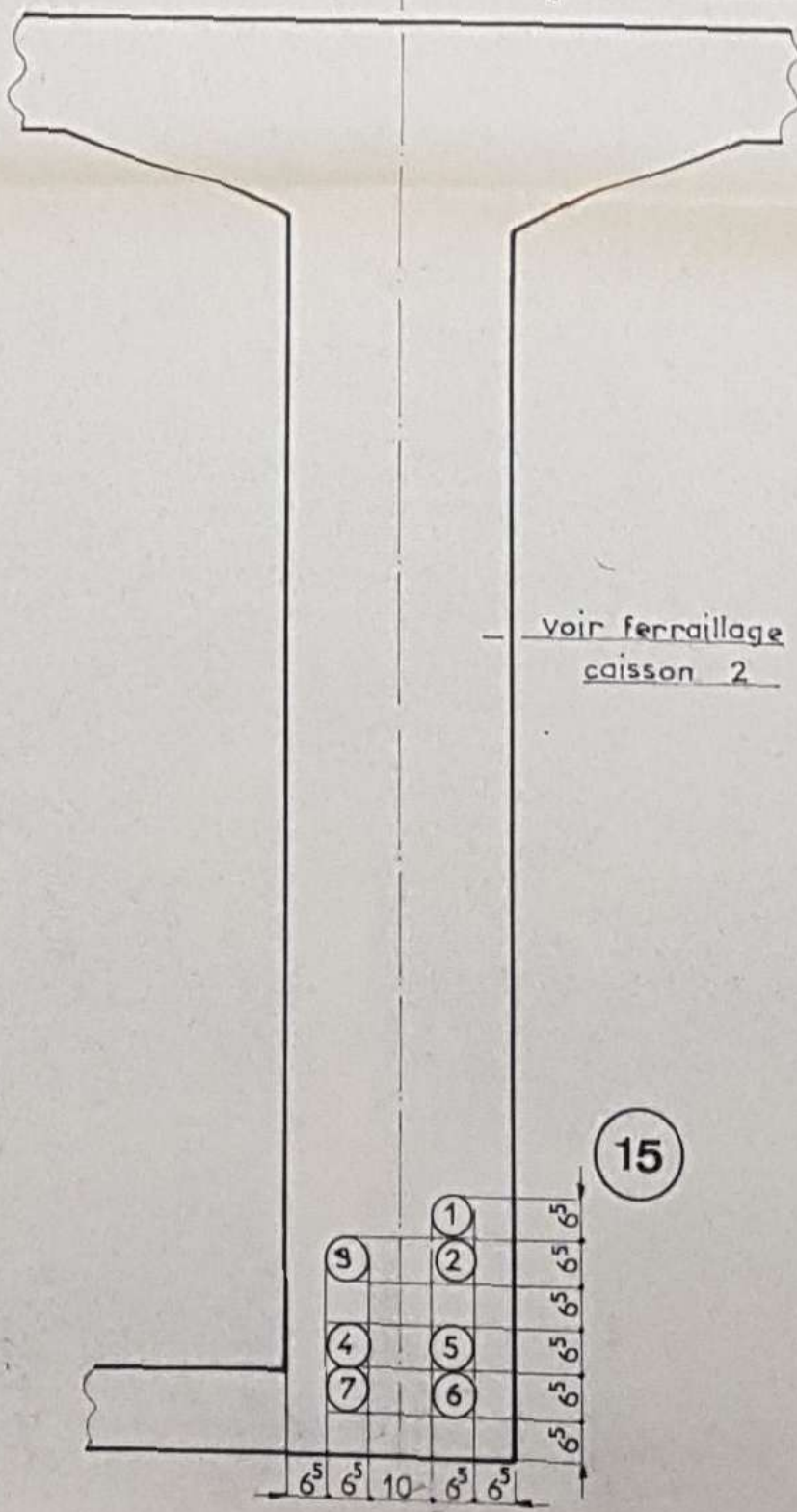
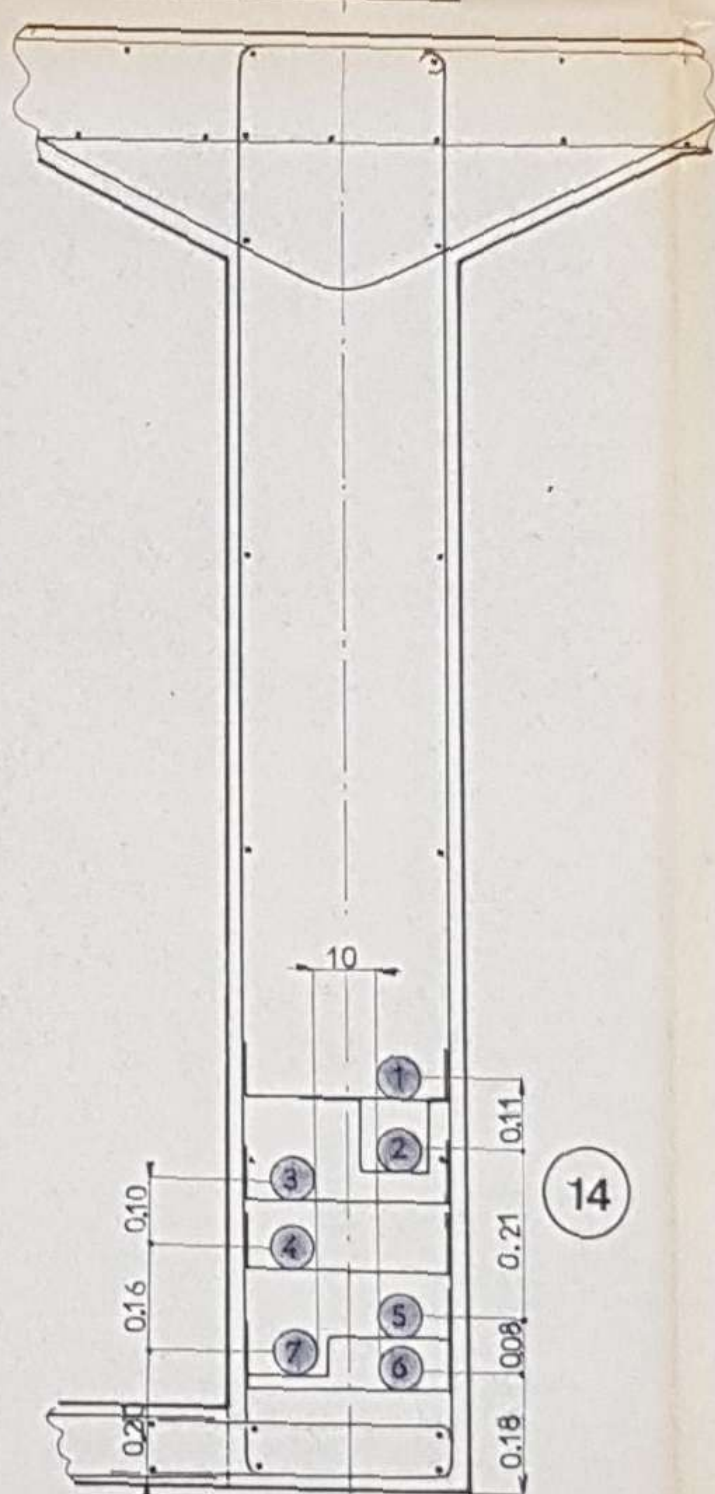
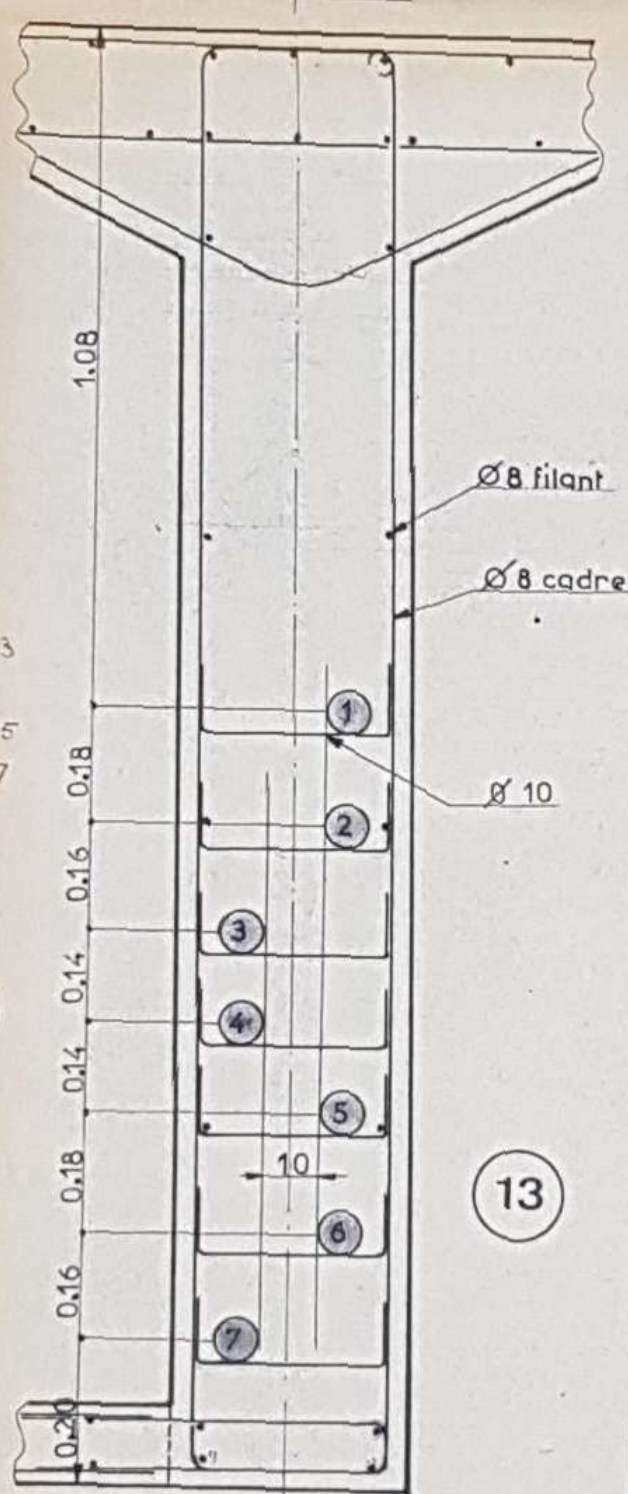
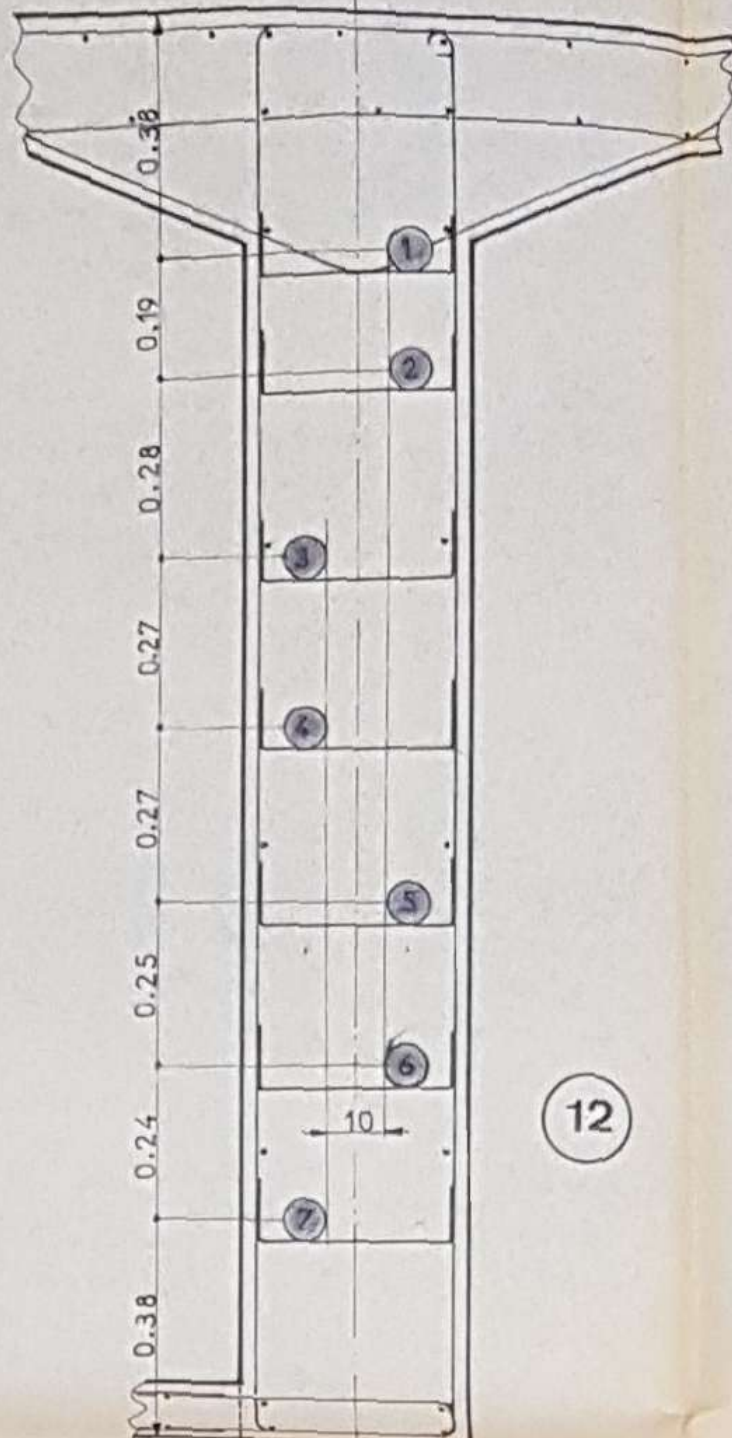
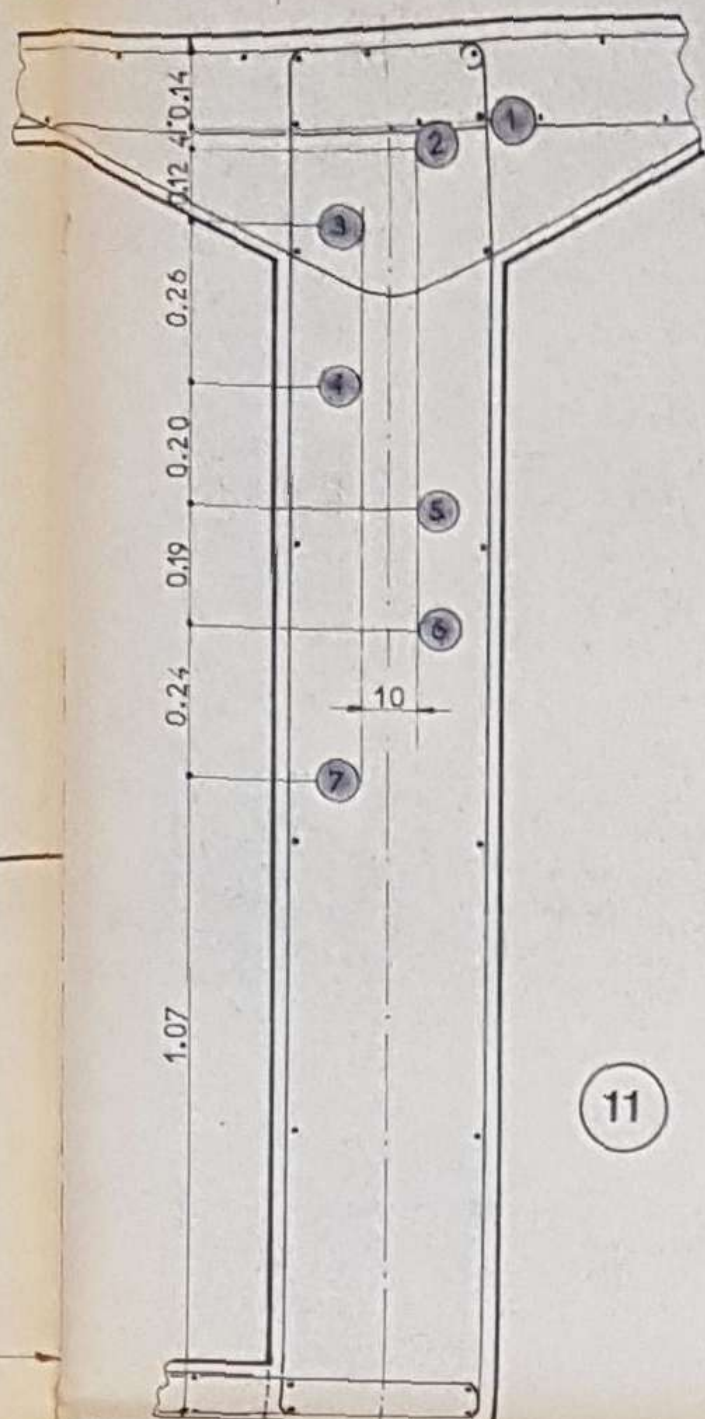


SCHEMA DE CABLAGE pour une poutre de ht moyenne 2,26

COUPES TRANSVERSALES

ÉCHELLES, $H: \frac{1}{10}$, $L: \frac{1}{10}$





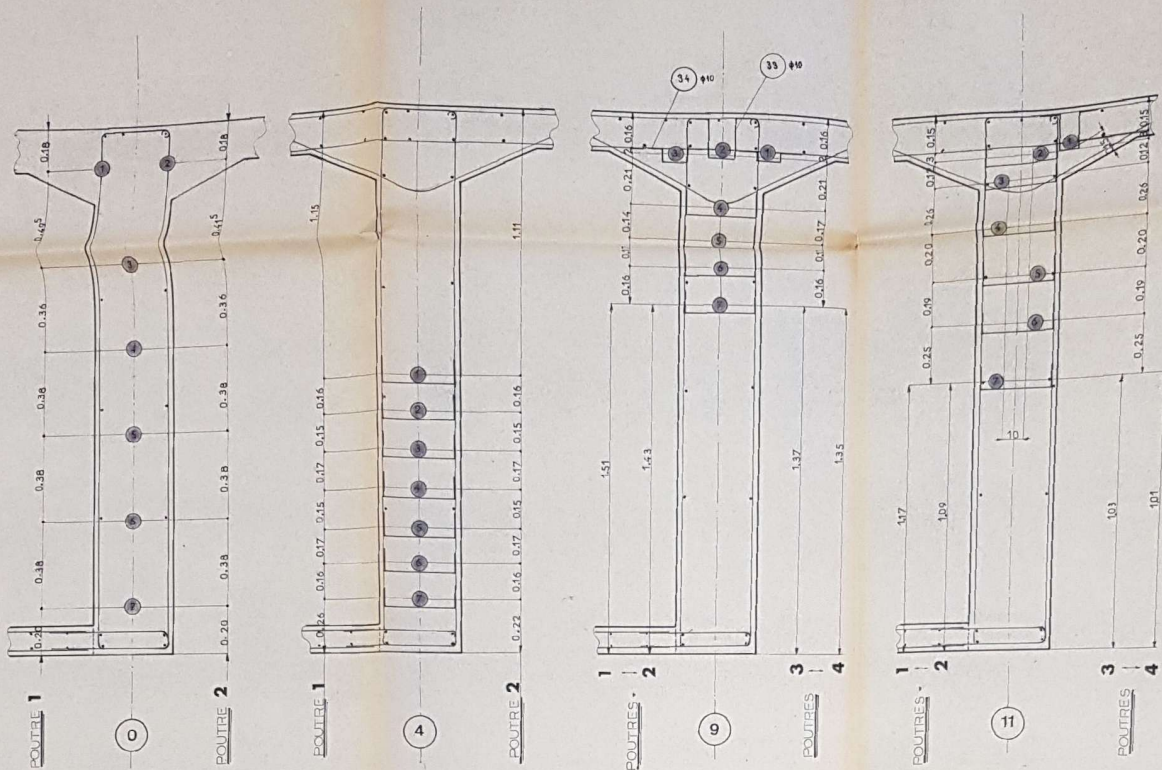
1 5 2 6
4 7 3

15

15

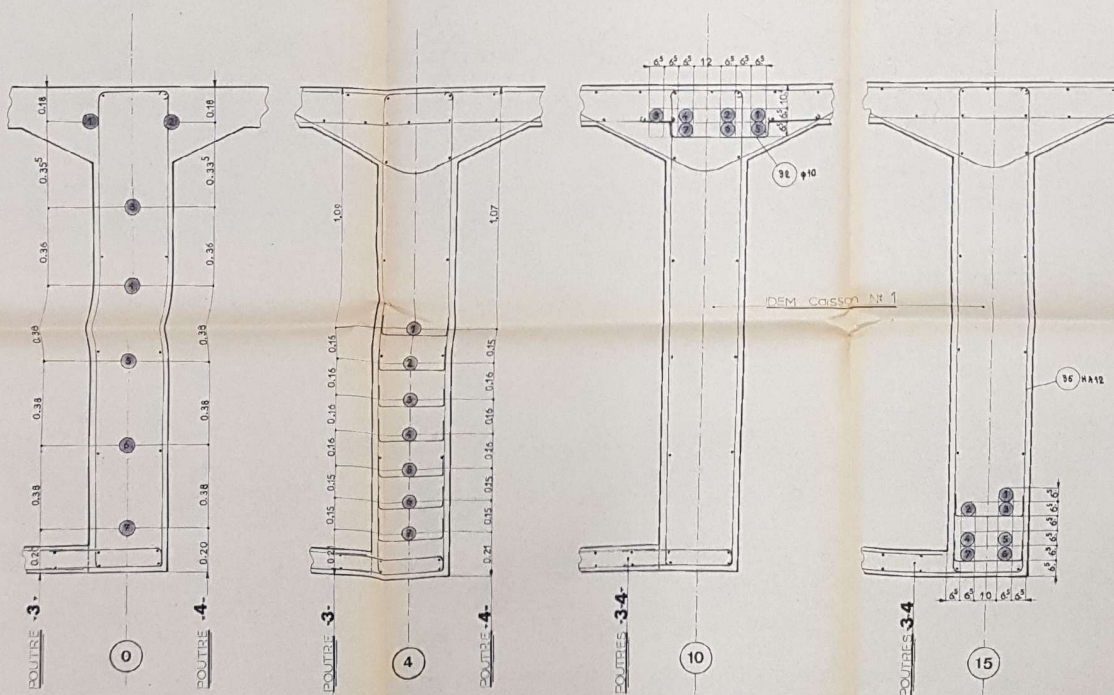
CAISSON N° 1

POUTRES 1 et 2 Hauteurs 2,375
2,295

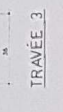
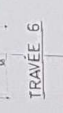
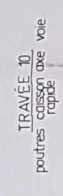


CAISSON N° 2

POUTRES 3 et 4 Hauteurs : 2,235
2,215



NOMENCLATURE DES FERS SUPPLEMENTAIRES				
N°	Nbre	Longueur Unitaire	SCHEMA	DESIGNATION
31	1360	0.50		Support cable $\phi 10$ 8x1.60
32	8	0.80		" $\phi 10$
33	24	0.60		" $\phi 10$
34	64	0.40		" $\phi 10$
35	1600	5.50		Cadre HA 16
36	40	291.00		Filante $\phi 8$



	0	0a	0b	1	1a	1b	2	2a	2b	3	3a	3b	4	4a	4b	5	5a	5b	6	6a	6b	7	7a	7b	8	8a	8b	9	9a	9b	10a	10b	10c	11	11a	11b	11c	12	12a	12b	12c	13	13a	13b	13c	14	14a	14b	14c	15
cable 1	135 ²	87 ²	178 ²	77 ¹	163 ¹	155 ¹	147 ¹	33 ¹	131 ¹	123 ¹	115	109 ¹	106 ¹	105 ¹	105 ¹	107 ¹	110 ¹	112 ¹	119 ¹	124 ¹	131 ¹	139 ¹	145 ¹	157 ¹	165 ¹	176 ¹	185 ¹	194 ¹	200 ¹	203 ¹	205 ¹	203 ¹	198 ¹	190 ¹	163 ¹	148 ¹	134 ¹	121 ¹	109 ¹	98 ¹	87 ¹	77 ¹	68 ¹	60 ¹	52 ¹	45 ¹	41 ¹	42 ¹	34 ¹	32 ¹
2	163 ²	155 ²	149 ²	143 ²	136 ²	130	123 ²	115 ²	110 ²	103 ²	97 ²	93 ²	91 ²	90 ²	91 ²	94 ²	98 ²	103 ²	105 ²	115 ²	123 ²	131 ²	138 ²	148 ²	158 ²	168 ²	179 ²	189 ²	197 ²	203 ²	205 ²	203 ²	193 ²	184 ²	170 ²	155 ²	140 ²	126 ²	114 ²	101 ²	90 ²	79 ²	69 ²	60 ²	53 ²	46 ²	40 ²	34 ²	28 ²	26 ²
3	139 ³	128 ³	123 ³	117 ³	112 ³	107 ³	101 ³	95 ³	91 ³	85 ³	81 ³	78 ³	76 ³	75 ³	78 ³	81 ³	85 ³	91 ³	97 ³	104 ³	113 ³	122 ³	131 ³	141 ³	151 ³	162 ³	173 ³	183 ³	193 ³	200 ³	205 ³	201 ³	184 ³	170 ³	155 ³	140 ³	126 ³	114 ³	101 ³	90 ³	79 ³	69 ³	60 ³	53 ³	46 ³	40 ³	34 ³	28 ³	26 ³	
4	104 ⁴	100 ⁴	96 ⁴	92 ⁴	88 ⁴	84 ⁴	80 ⁴	76 ⁴	72 ⁴	68 ⁴	65	62 ⁴	61 ⁴	62 ⁴	64 ⁴	67 ⁴	71 ⁴	77 ⁴	82 ⁴	91 ⁴	100 ⁴	110 ⁴	120 ⁴	131 ⁴	142 ⁴	154 ⁴	167 ⁴	181 ⁴	193 ⁴	202 ⁴	205 ⁴	196 ⁴	189 ⁴	178 ⁴	164 ⁴	148 ⁴	134 ⁴	120 ⁴	106 ⁴	94 ⁴	82 ⁴	71 ⁴	61 ⁴	51 ⁴	38 ⁴	35 ⁴	28 ⁴	18 ⁴	15 ⁴	13 ⁴
5	74 ⁵	72 ⁵	69 ⁵	66 ⁵	64 ⁵	61 ⁵	58 ⁵	55 ⁵	53 ⁵	50 ⁵	48	46 ⁵	46 ⁵	47 ⁵	51 ⁵	54 ⁵	58 ⁵	65 ⁵	73 ⁵	81 ⁵	91 ⁵	101 ⁵	111 ⁵	122 ⁵	134 ⁵	147 ⁵	160 ⁵	174 ⁵	187 ⁵	195 ⁵	208 ⁵	195 ⁵	189 ⁵	176 ⁵	164 ⁵	148 ⁵	134 ⁵	120 ⁵	106 ⁵	94 ⁵	82 ⁵	71 ⁵	61 ⁵	51 ⁵	38 ⁵	35 ⁵	28 ⁵	18 ⁵	15 ⁵	13 ⁵
6	45 ⁶	44 ⁶	42 ⁶	41 ⁶	40	38 ⁶	37 ⁶	36	34 ⁶	33 ⁶	32	31 ⁶	31 ⁶	32 ⁶	36 ⁶	40 ⁶	45 ⁶	54 ⁶	62 ⁶	70 ⁶	81 ⁶	92 ⁶	104 ⁶	116 ⁶	129 ⁶	142 ⁶	157 ⁶	172 ⁶	187 ⁶	195 ⁶	208 ⁶	194 ⁶	182 ⁶	165 ⁶	151 ⁶	135 ⁶	122 ⁶	108 ⁶	93 ⁶	84 ⁶	72 ⁶	61 ⁶	51 ⁶	37 ⁶	34 ⁶	27 ⁶	15 ⁶	11 ⁶	8 ⁶	6 ⁶
7	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	15 ⁷	17 ⁷	21 ⁷	27 ⁷	34 ⁷	42 ⁷	51 ⁷	60 ⁷	71 ⁷	83 ⁷	96 ⁷	109 ⁷	123 ⁷	139 ⁷	154 ⁷	171 ⁷	187 ⁷	195 ⁷	198 ⁷	194 ⁷	182 ⁷	165 ⁷	151 ⁷	136 ⁷	122 ⁷	108 ⁷	93 ⁷	84 ⁷	72 ⁷	61 ⁷	51 ⁷	37 ⁷	34 ⁷	27 ⁷	15 ⁷	11 ⁷	8 ⁷	6 ⁷
casson coté axe voie rapide																																																		

9a	9b	10	10a	10b	10c
201 ^a	206 ^a	212 ^a	207 ^a	201 ^a	192 ^a
199 ^a	203 ^a	212 ^a	203 ^a	197 ^a	185 ^a
197 ^a	205 ^a	212 ^a	206 ^a	197 ^a	185 ^a
195 ^a	205 ^a	212 ^a	205 ^a	195 ^a	180 ^a
187 ^a	198 ^a	206 ^a	199 ^a	191 ^a	179 ^a
187 ^a	198 ^a	206 ^a	198 ^a	186 ^a	168 ^a
186 ^a	198 ^a	206 ^a	198 ^a	186 ^a	168 ^a

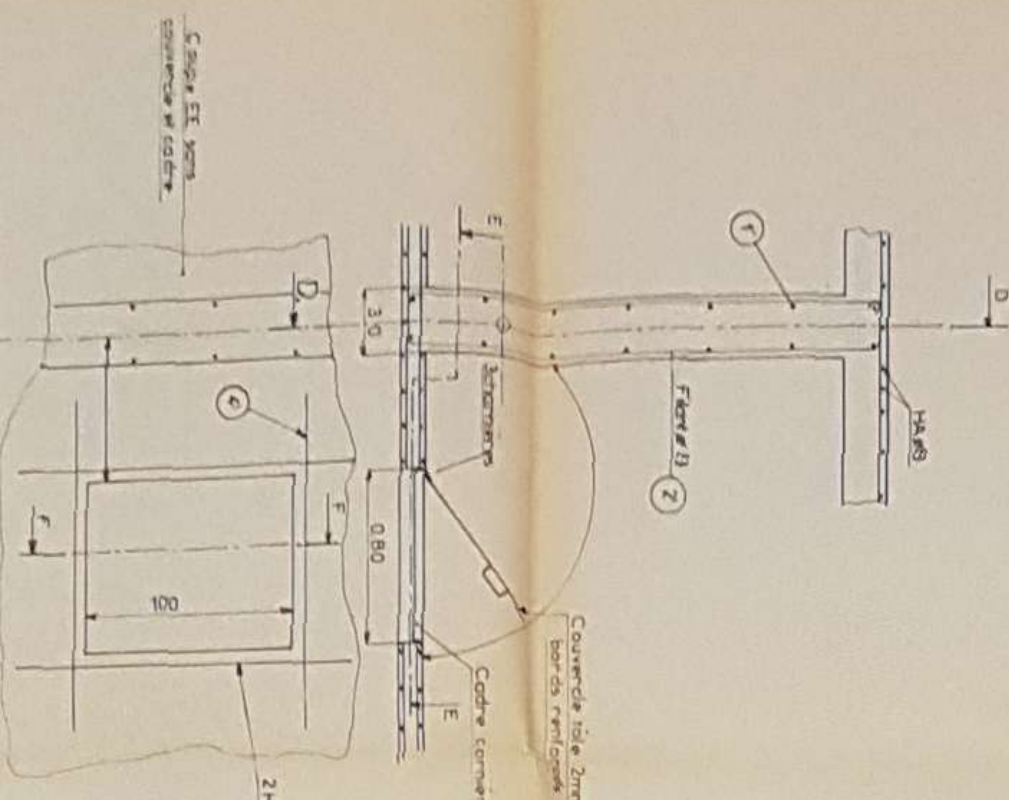
caisson coté axe voie rapide

ENTRETOISES

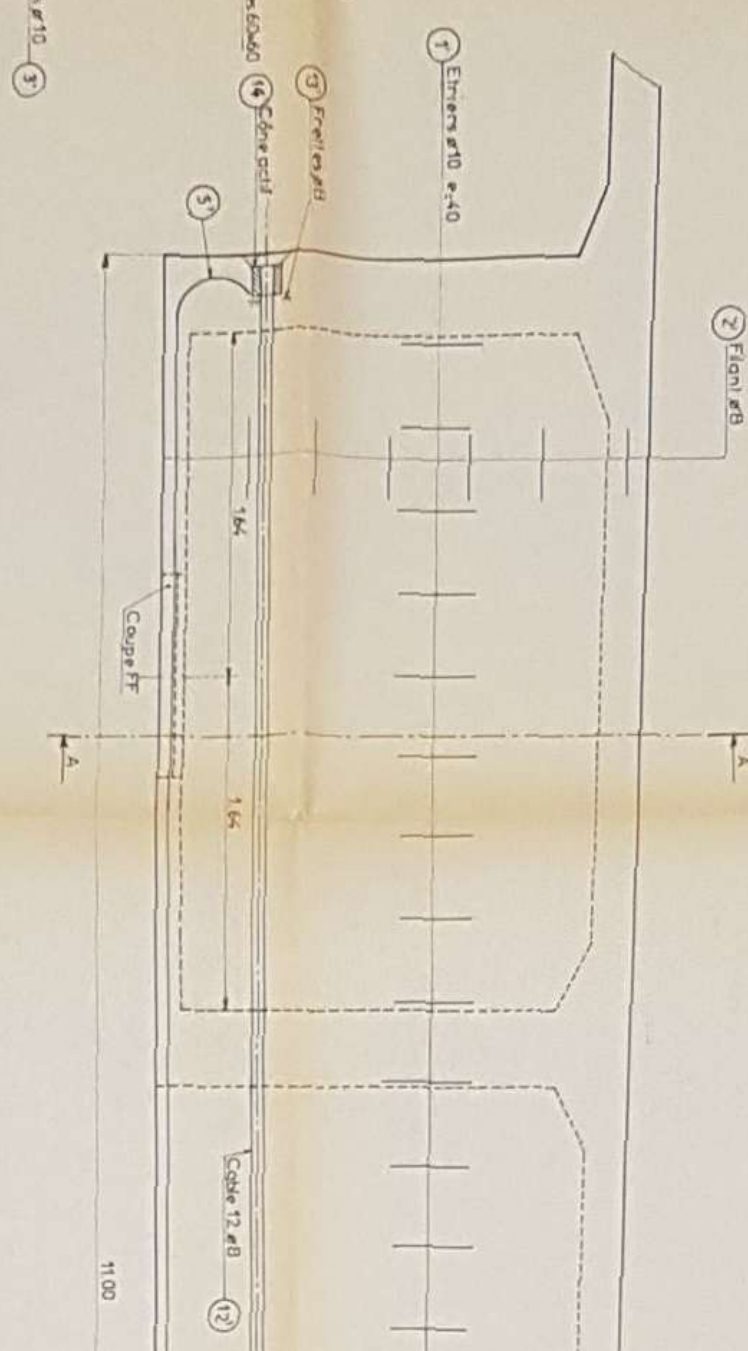
SUR CULEES

SUR PILES

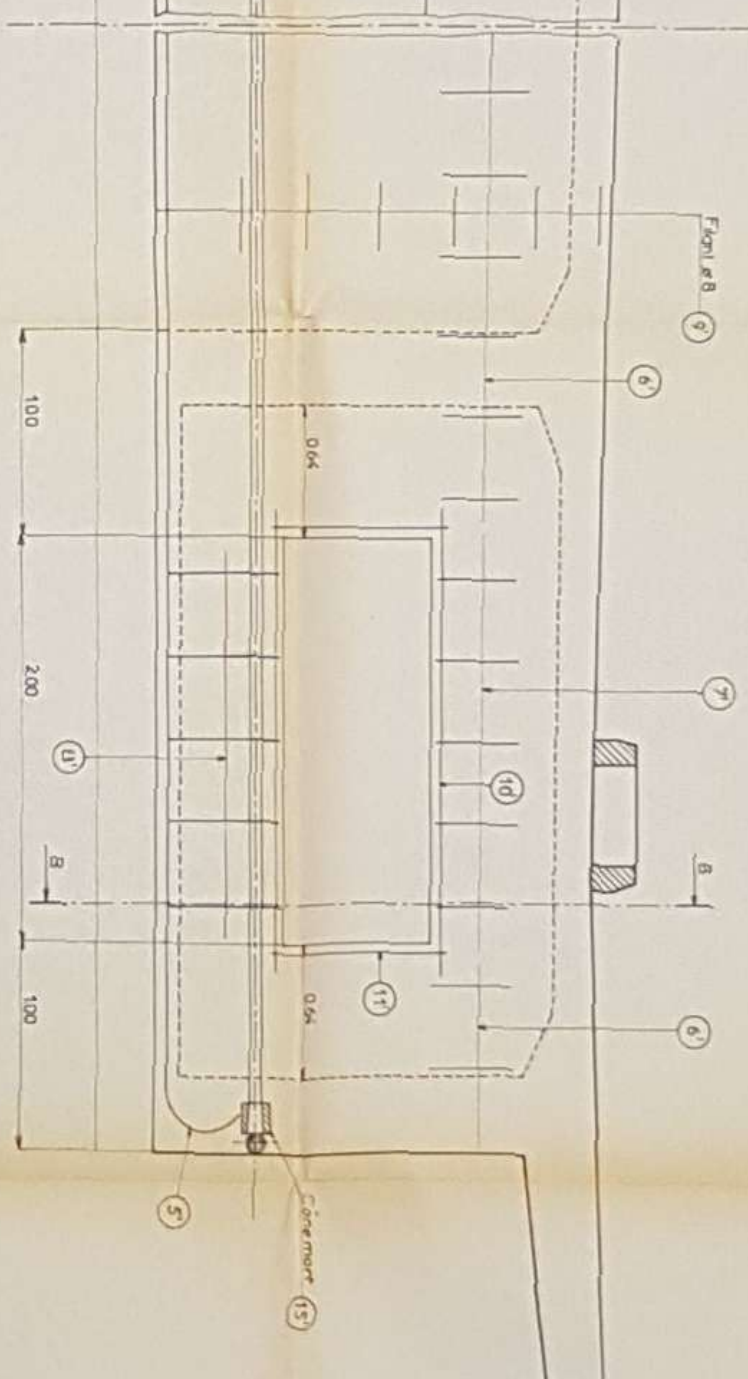
Coupe AA



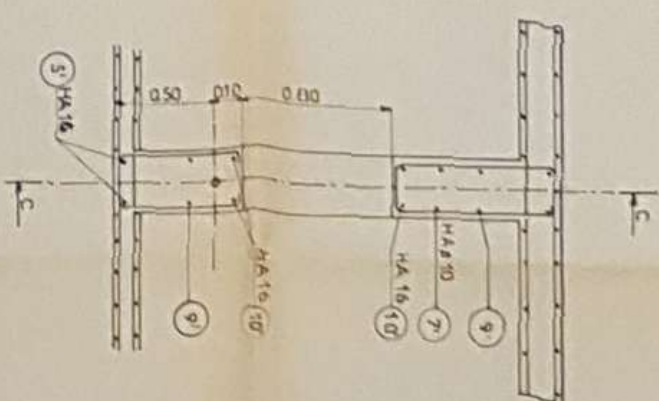
Coupe DD



Coupe CC



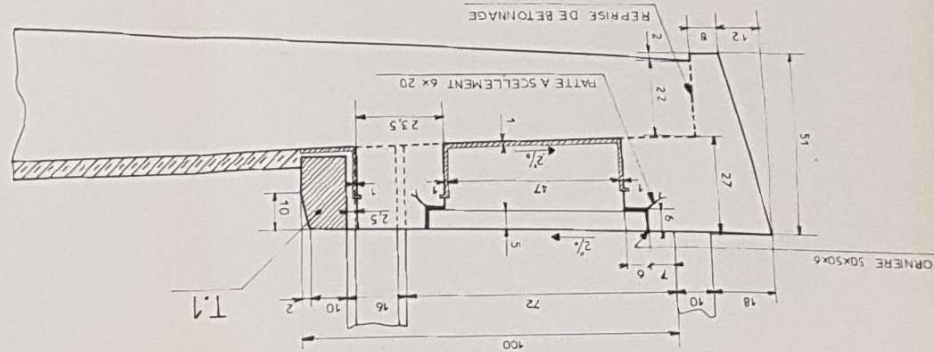
Coupe BB



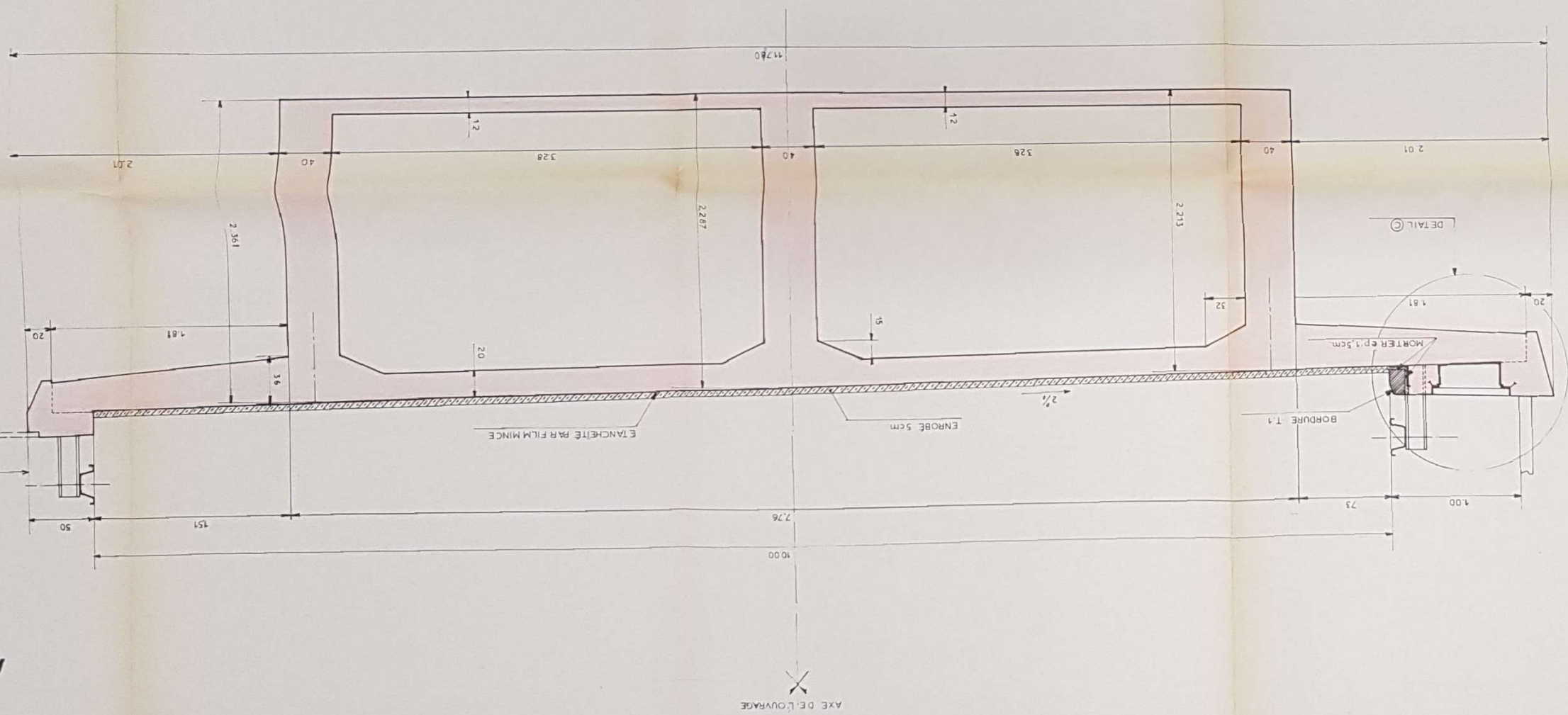
NOMENCLATURE DES ARMATURES SUPPLEMENTAIRES POUR TOUT L'OUVRAGE

N	DESIGNATION	ESPACEMENT	SECTION	REMARQUE
1	52	HA 10	40	acier
2	26	HA 10	35	acier
3	16	HA 10	95	acier
4	16	HA 10	115	acier
5	4	HA 10	225	acier
6	32	HA 10	40	acier
7	20	HA 10	40	acier
8	20	HA 10	40	acier
9	24	HA 10	40	acier
10	16	HA 10	190	acier
11	16	HA 10	210	acier
12	4	HA 10	210	acier
13	4	HA 10	210	acier
14	4	HA 10	210	acier
15	4	HA 10	210	acier

EGELLE 1/20



Detail C
Echelle: 1/10

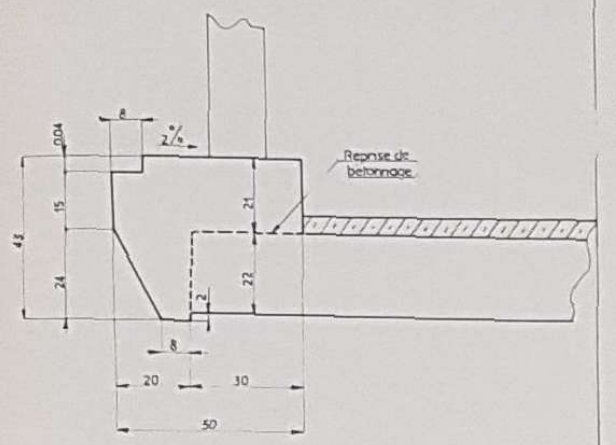


Echelle 1/20

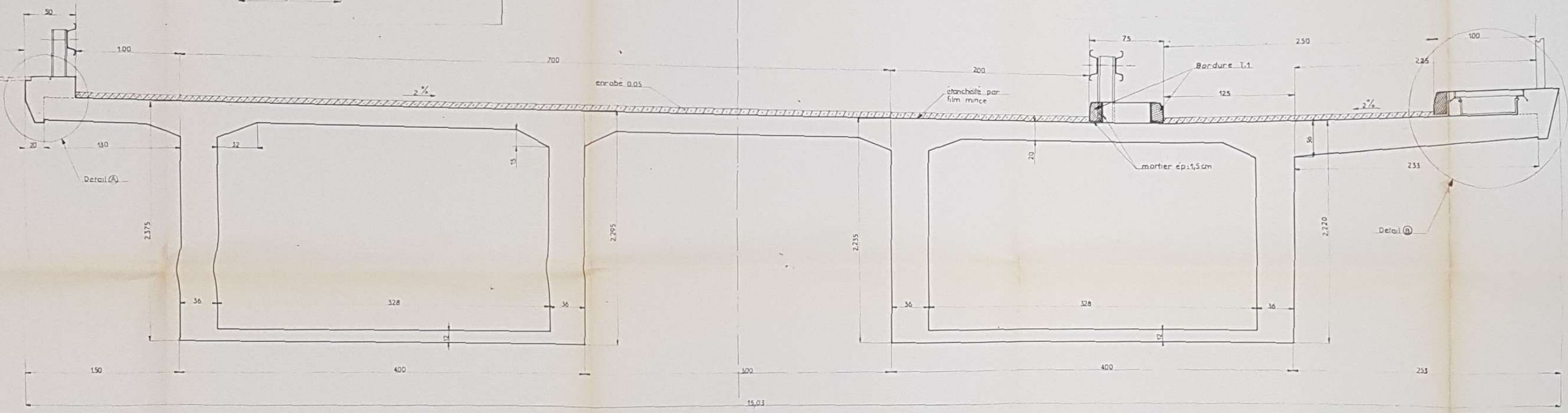
Axe de la voie ra

e de la voie rapide

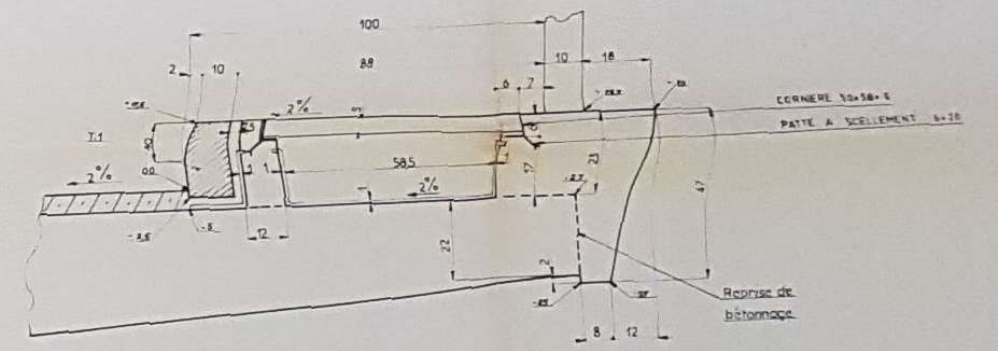
Detail A ECHELLE 1/10



Axe de l'ouvrage



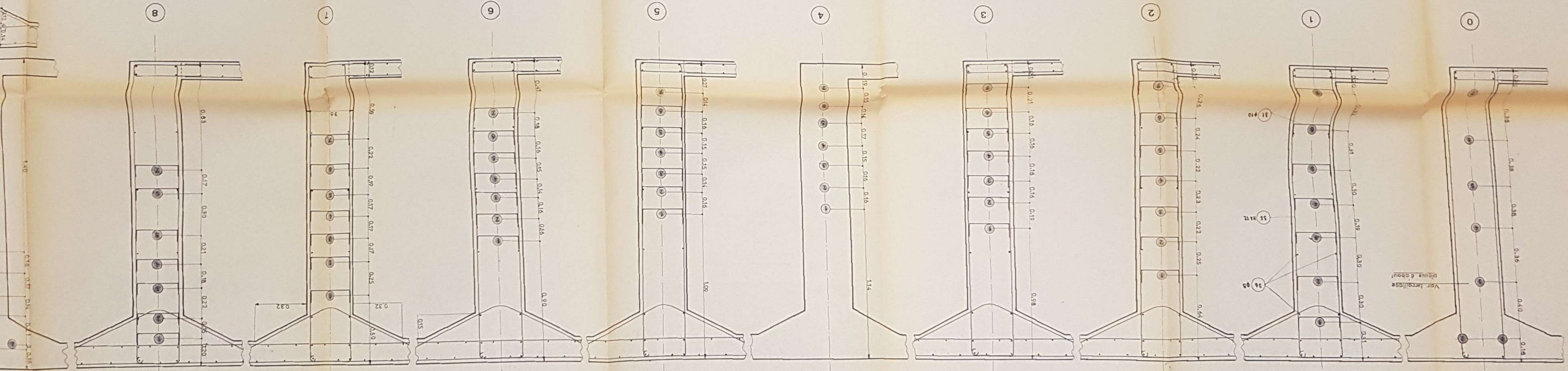
Detail B ECHELLE 1/10

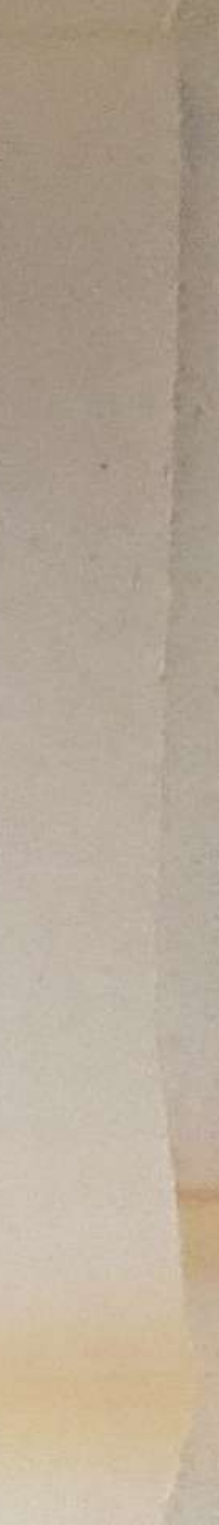
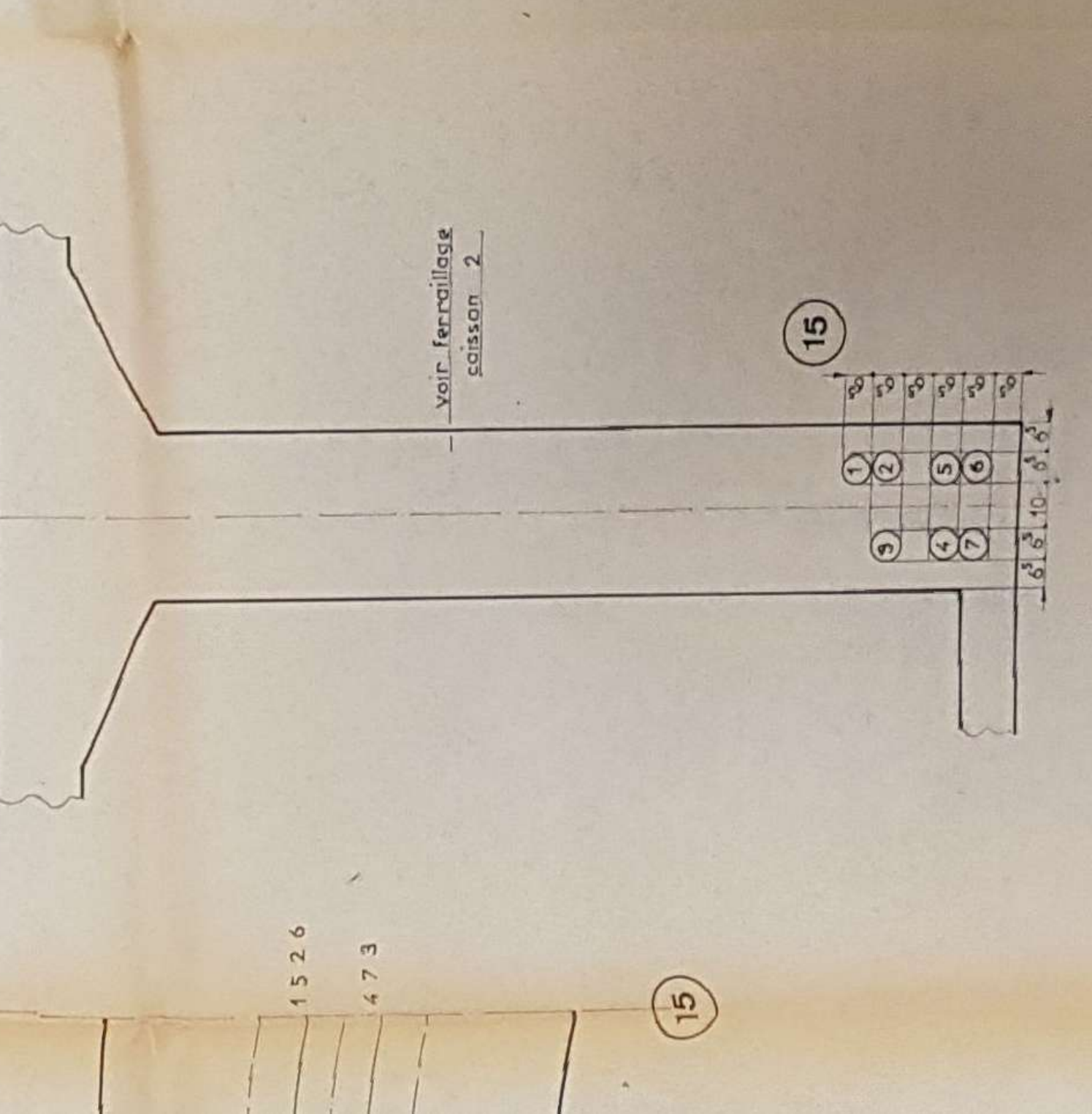
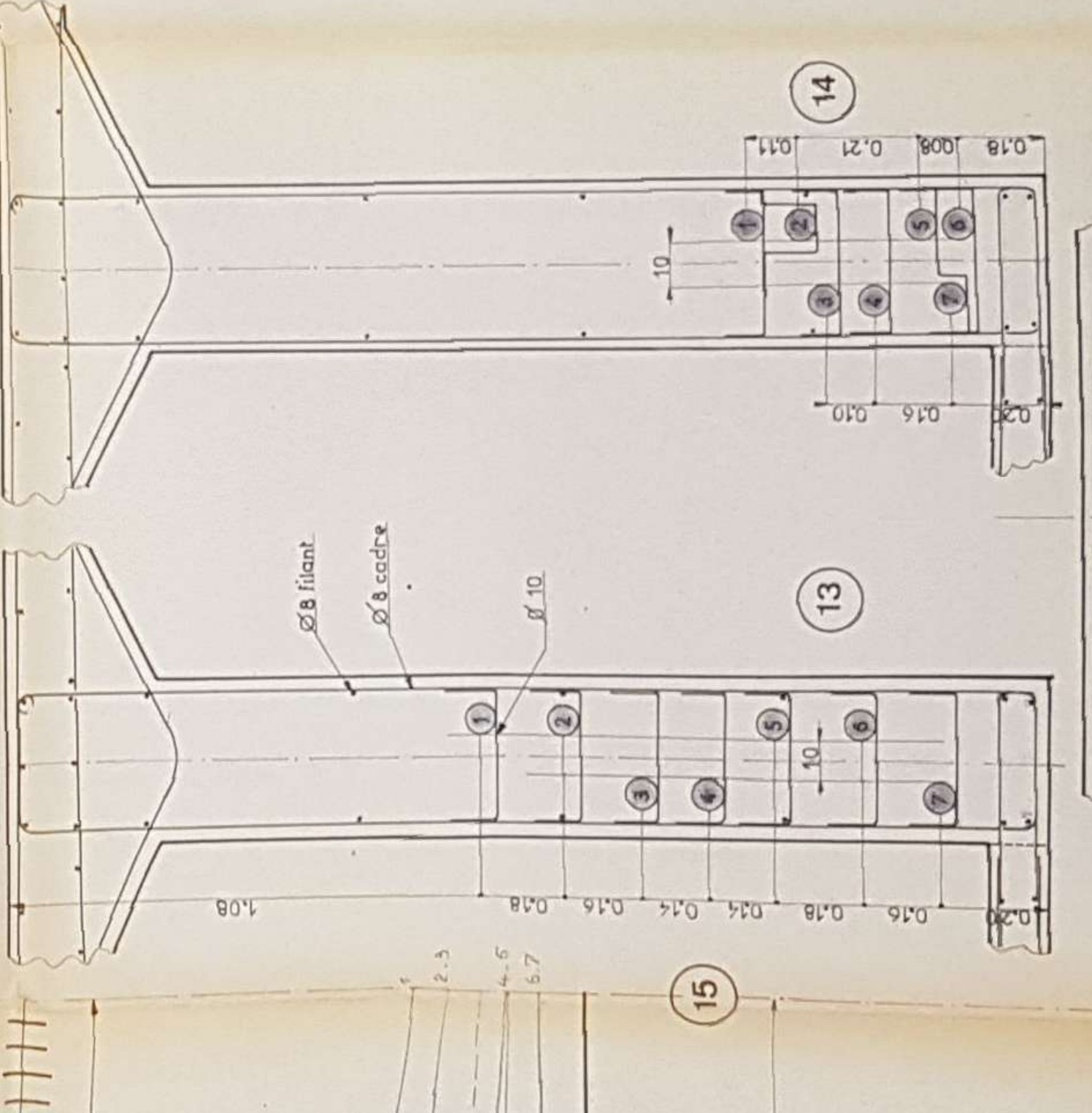
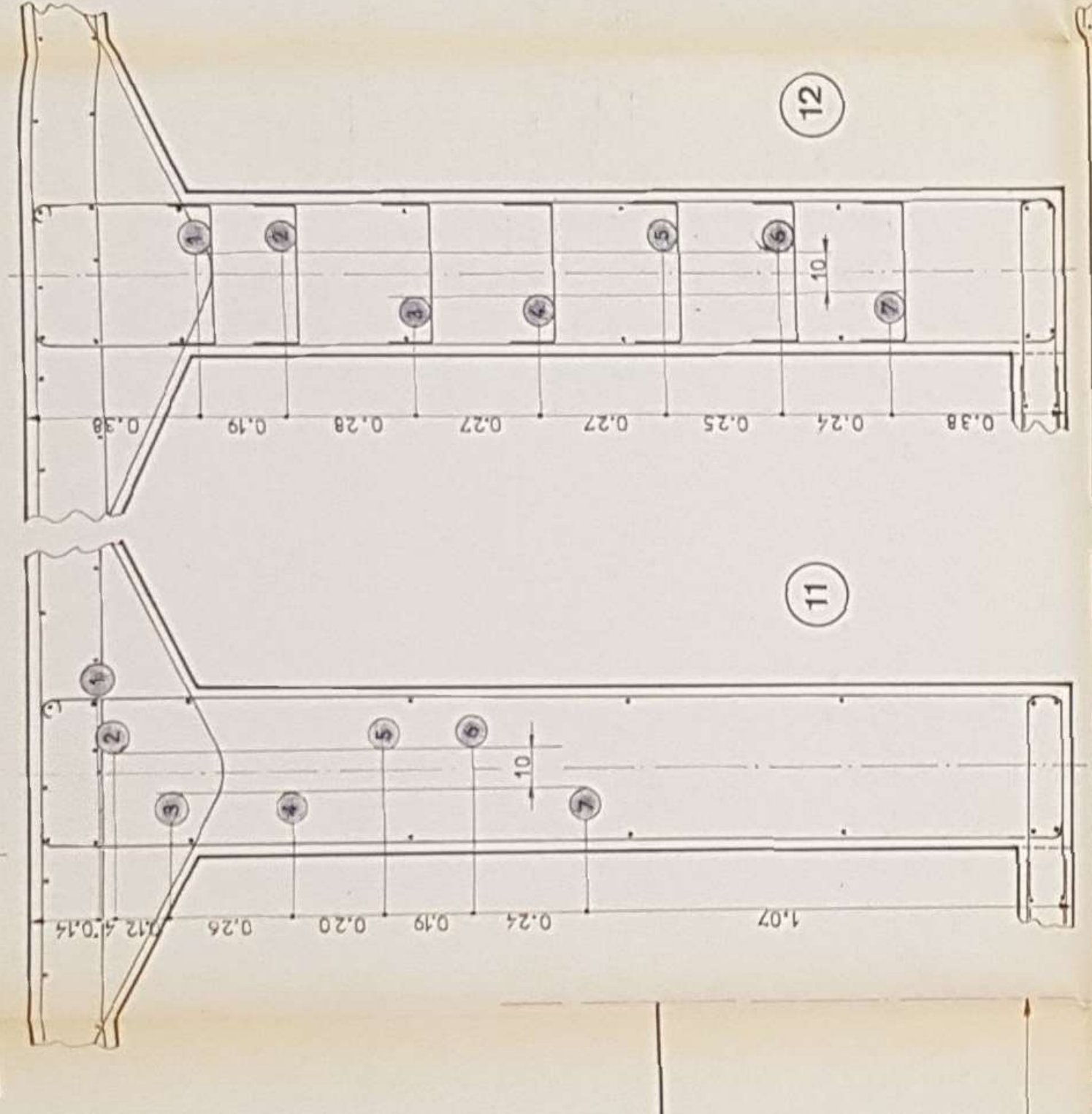
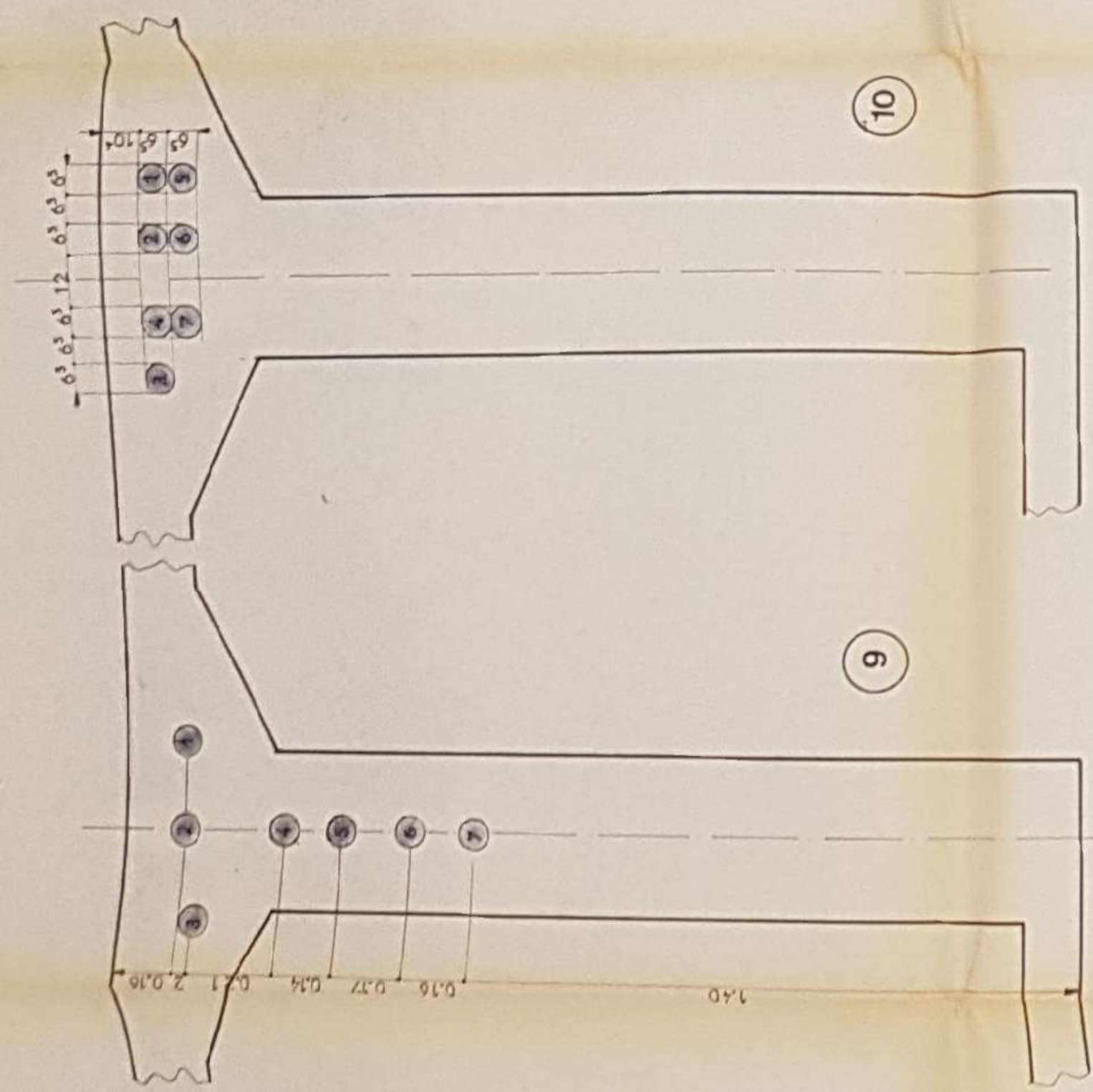


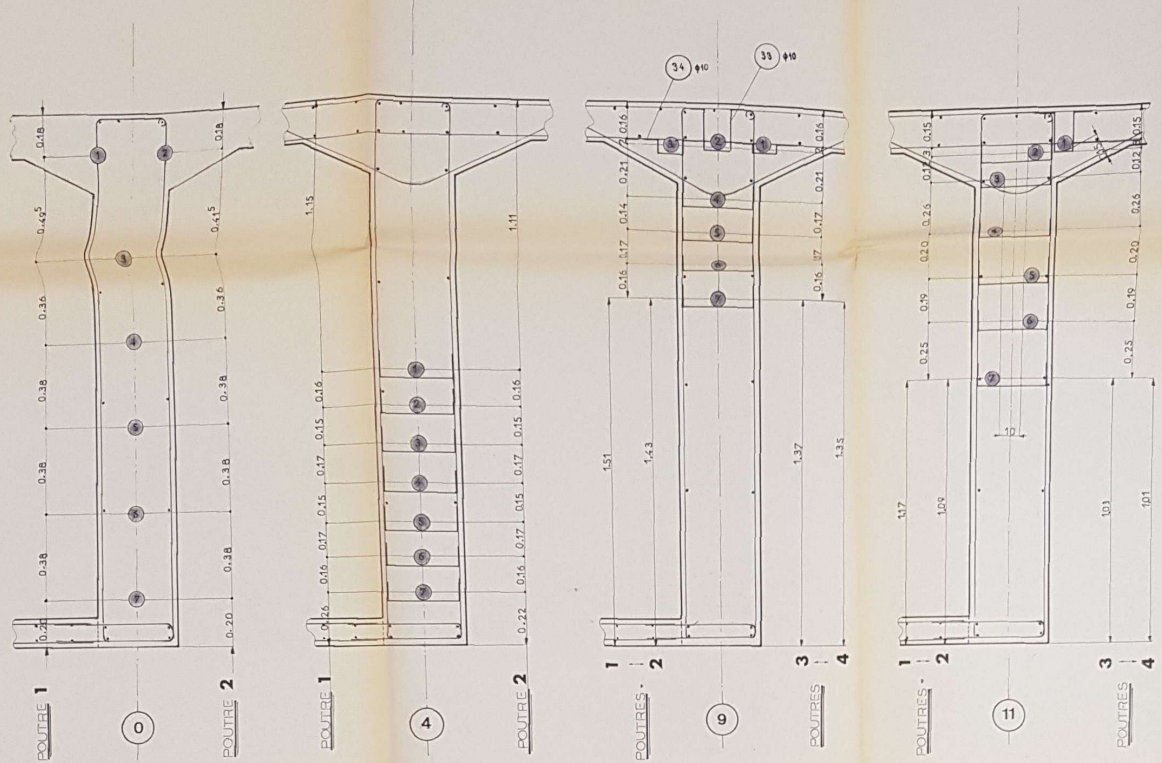
HELLE 1/20

pour une poutre de ht moyenne 2,26

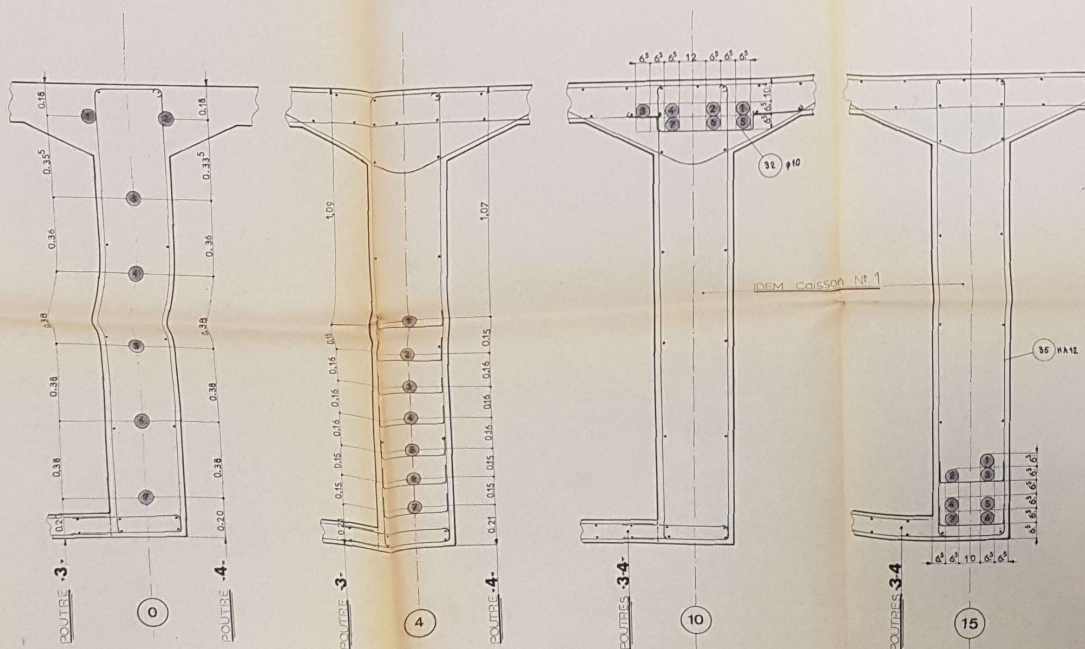
COUPES TRANSVERSALES. ÉCHELLES: L: $\frac{1}{10}$; H: $\frac{1}{10}$







CAISSON N°2



NOMENCLATURE DES FERS SUPPLEMENTAIRES				
N°	Nbre	Longueur Unitaire	SCHEMA	DESIGNATION
31	1360	0.50		Support cable $\phi 10$
32	8	0.80		" $\phi 10$
33	24	0.60		" $\phi 10$
34	64	0.40		" $\phi 10$
35	1600	5.50		Cadre HA 12
36	40	121.00		Filants $\phi 6$