

## ARMAÇÃO DAS VIGAS DA COBERTURA DO ELEVADOR

V401 (19 x 60)  
1:50

SEÇÃO A-A  
ESC 1:25

V402 (14 x 60)  
1:50

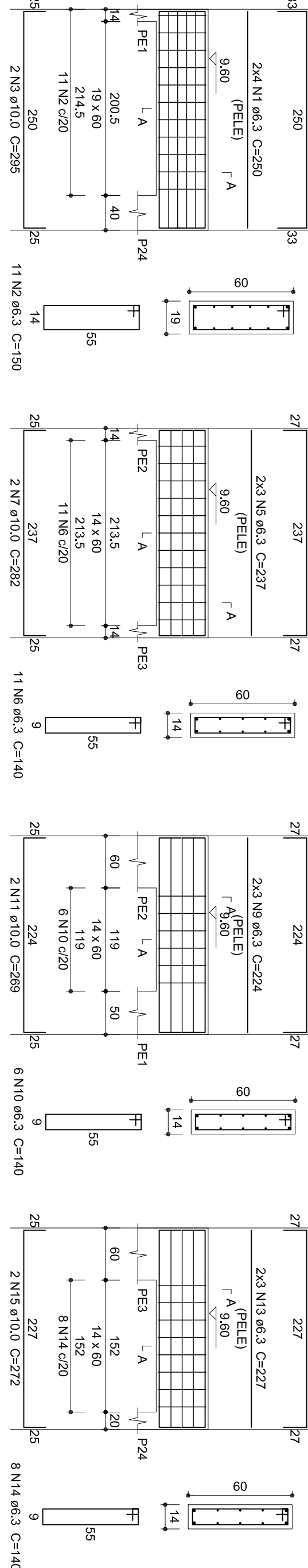
ESC 1:25

V403 (14 x 60)  
150

ΕΣΧΑΟ Α-Α  
ΕΣC 1:25

V404 (14 x 60)  
1:50

SEÇÃO A-A  
ESC 1:25



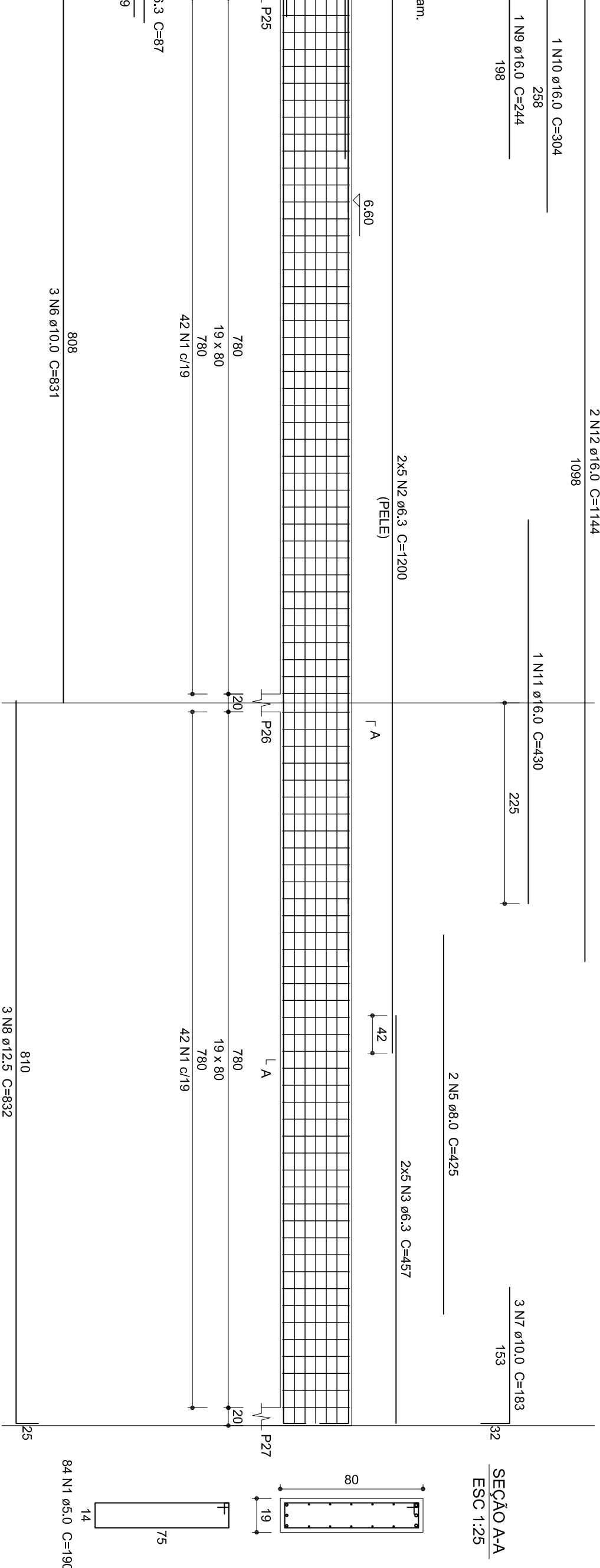
	ELEMENT	AGE	N	DIAM	Q	UNIT	C TOTAL
VA01	CA50	1	6.3	8	250	mm	16000
	CA50	2	6.3	160	265	mm	16000
	CA50	3	10.0	2	295	mm	16000
	CA50	4	10.0	2	295	mm	16000
VA02	CA50	5	6.3	6	237	mm	14222
	CA50	6	6.3	6	237	mm	14222
	CA50	7	10.0	11	140	mm	15640
	CA50	8	10.0	2	282	mm	15640
VA03	CA50	9	6.3	6	224	mm	13744
	CA50	10	6.3	6	140	mm	840
	CA50	11	6.3	6	273	mm	840
	CA50	12	10.0	2	273	mm	840
VA04	CA50	13	6.3	6	227	mm	1382
	CA50	14	6.3	6	140	mm	1120
	CA50	15	10.0	2	272	mm	552
	CA50	16	10.0	2	276	mm	552

## Resumo do aço

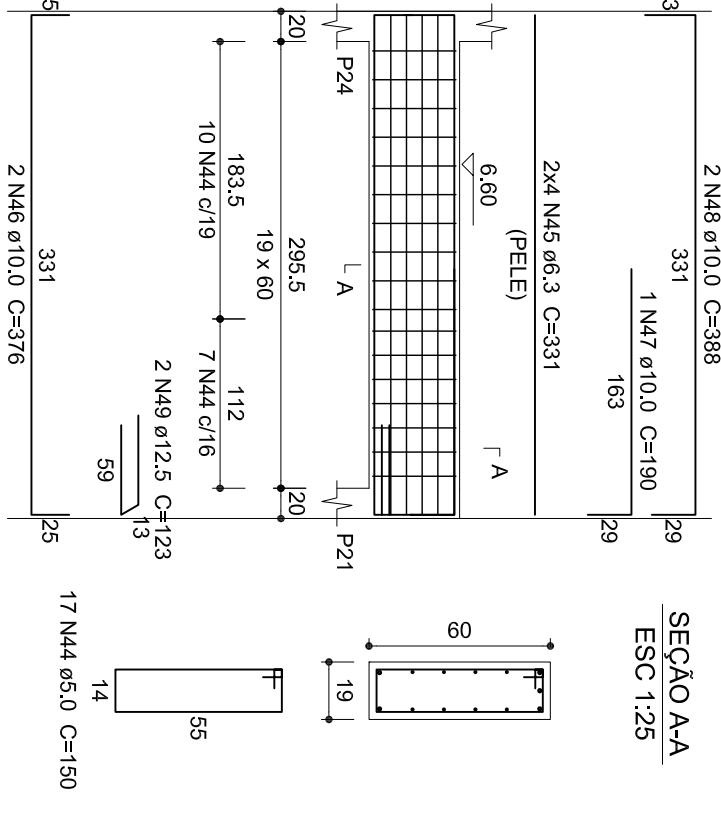
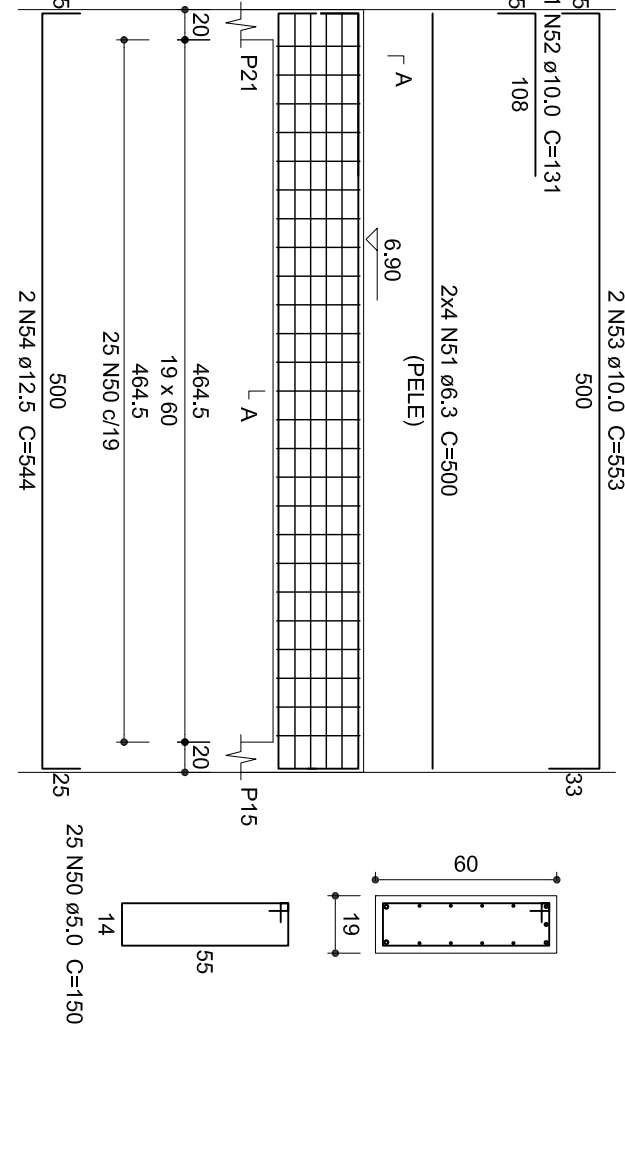
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CASO	6.3	112.8	27.6
	10.0	45.3	27.9
PESO TOTAL			
CASO	55.5		

Vol. de concreto total (C-30) = 0.88 m<sup>3</sup>  
Área de forma total = 12.95 m<sup>2</sup>

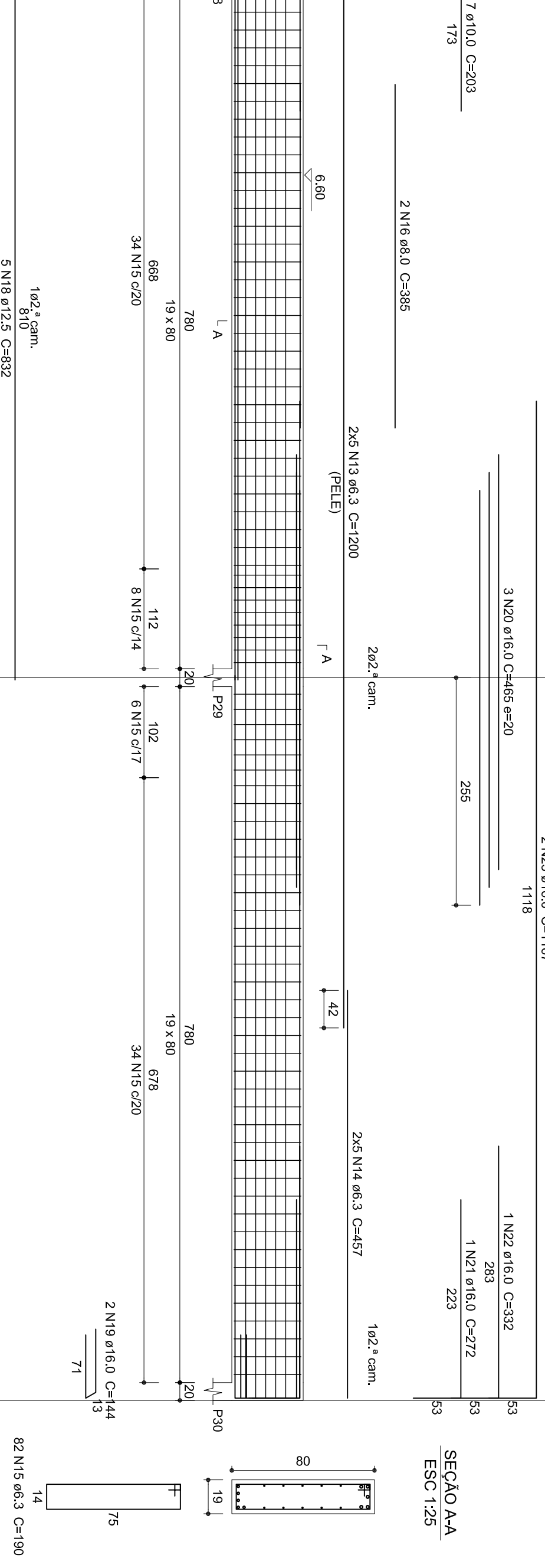
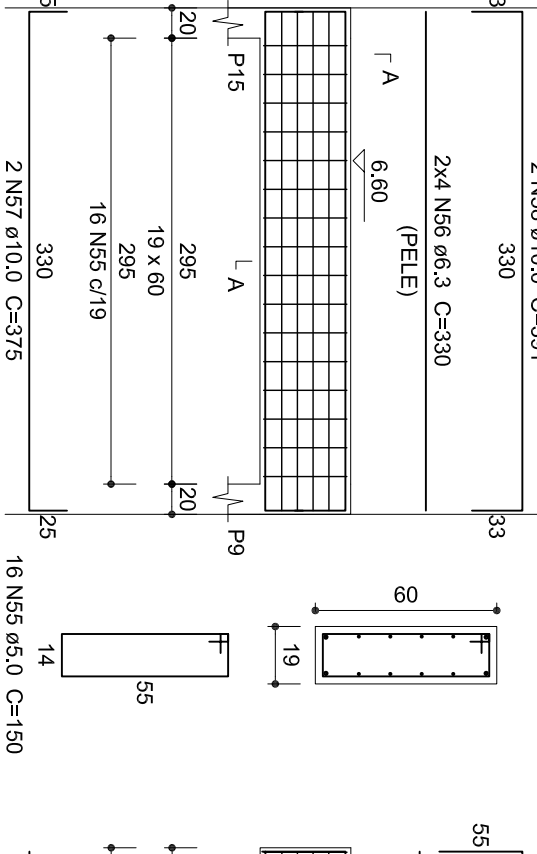
## 310 (19 x 80)



V323 (19 x 60)  
1:50

V324 (19 x 60)  
1:50

## 12 (19 x 80)

V325 (19 x 60)  
1:50

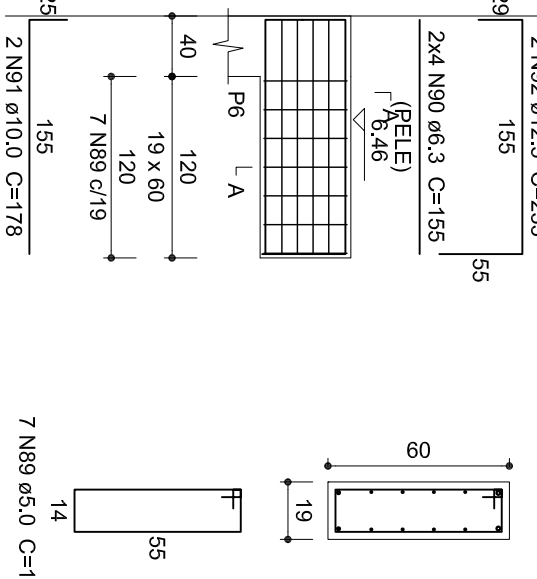
SEÇÃO A-A  
FSC 1:25

V326 (19 x 60)  
1:50

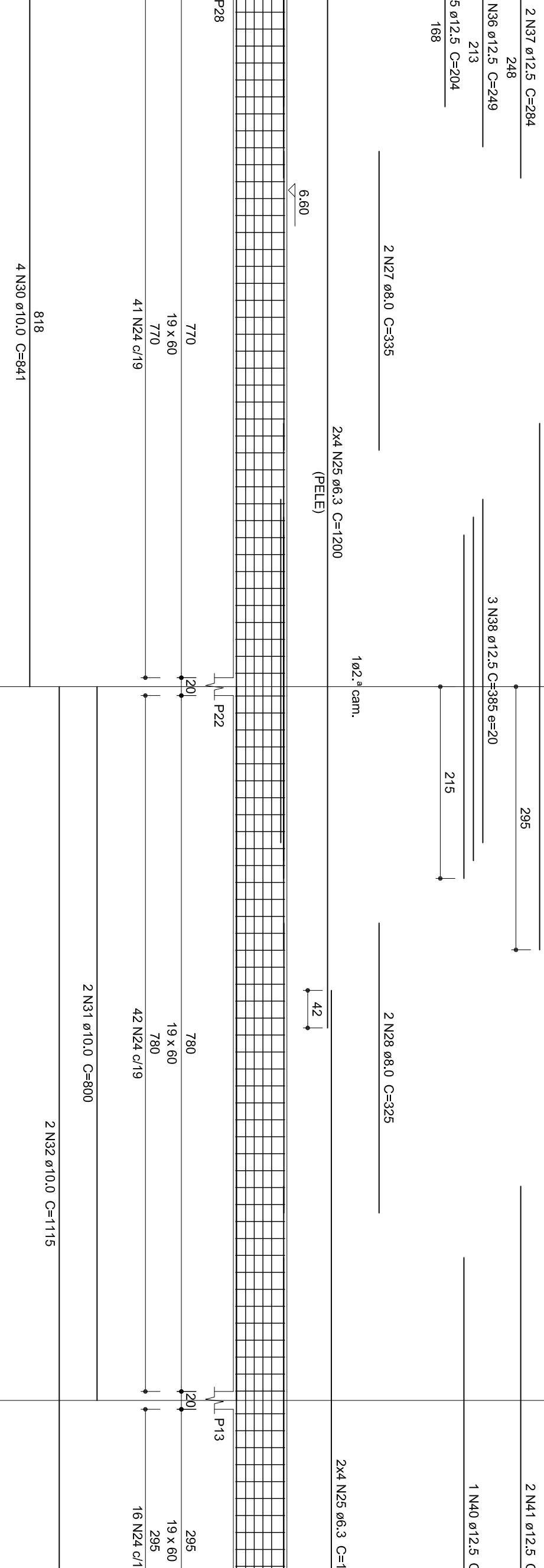
ESC 1:25

V329 (19 x 60)  
1:50

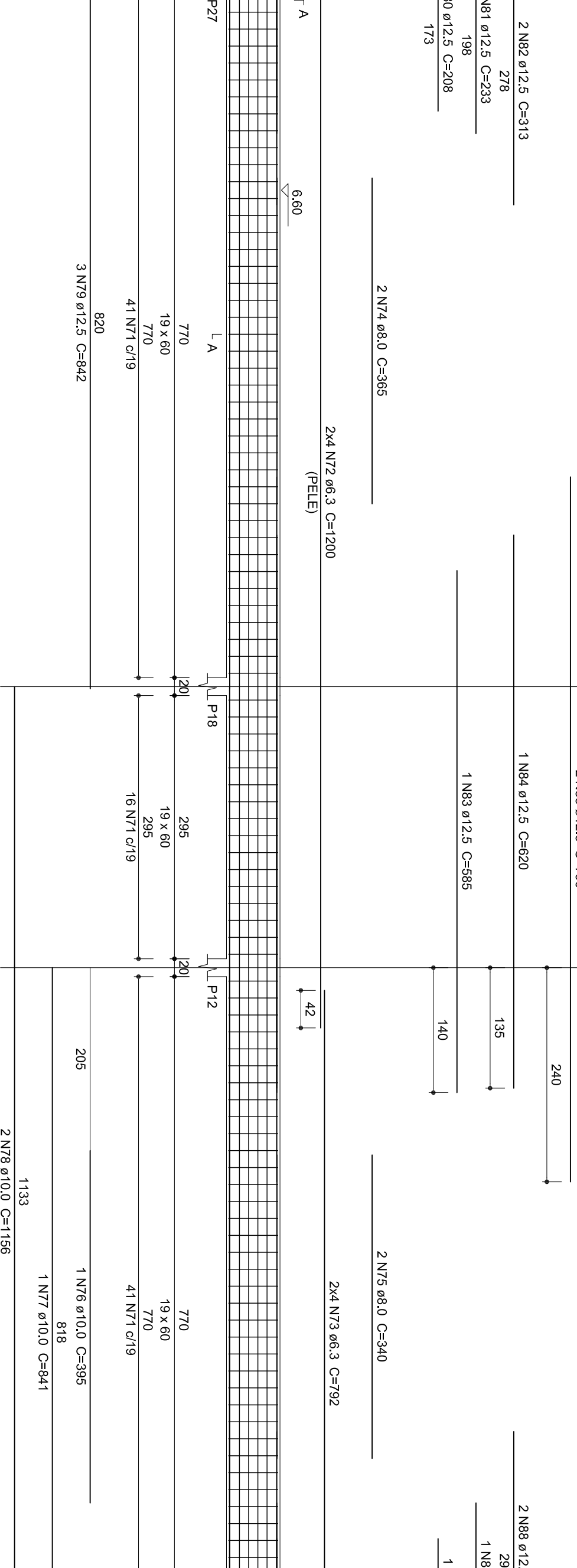
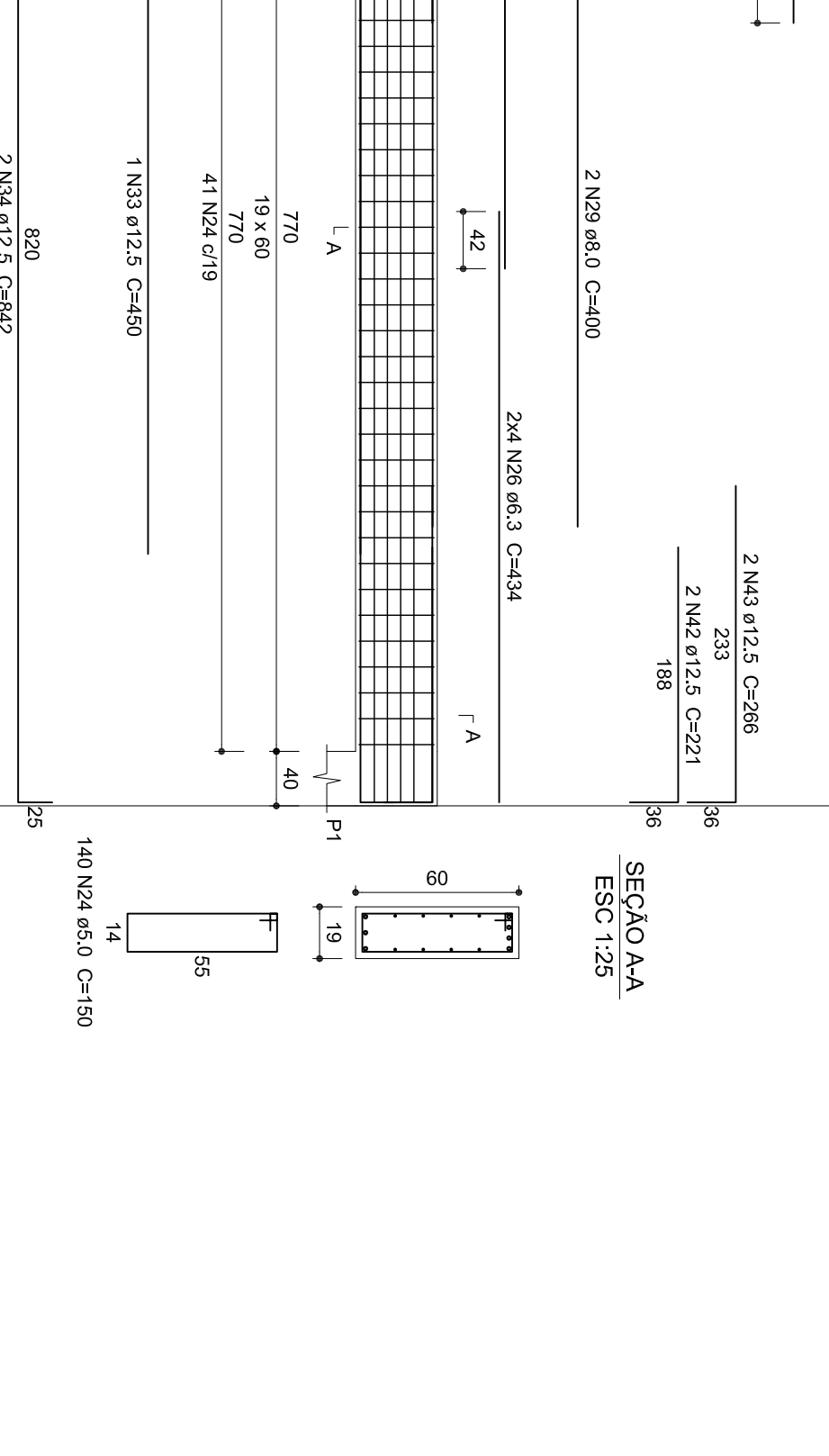
ESC 1:25



## 15 (19 x 60)



## 28 (19 x 60)

V327 (19 x 60)  
1:50[illegible]

ACO	DAM	C.TOTAL (m)	RQ (%)
CA40	6.3	1376	544
	8.0	78	31
	10.0	255	161
	12.5	397	397
CA60	5.0	103	165
	16.0	890	142
PESO TOTAL			
CA40	1089		
CA60	142		


**GOVERNO DE  
SÃO PAULO**


**CENTRO PAULA SOUZA**


**UIE**

INSTITUTO DE CIÊNCIAS E SAÚDE  
 GOVERNO DO ESTADO DE SÃO PAULO

CASA

CAMPUS CEETEPS EM CRAVINHOS

UNIDADE

ETEC CRAVINHOS

ÁREA TÉCNICA | ESPECIAL | INDICADAS | FOLHA Nº EST-022/024

**PROJETO BÁSICO**  
**BLOCO ADMINISTRATIVO E PEDAGÓGICO**  
**ARMADILHA DAS VIGAS DA COBERTURA - 3 / 3 e VIGAS DA COBERTURA DO ELEVADOR**

DESENVOLVIMENTO	PROJETO	CONSTRUÇÃO
UIE	UIE	UIE
DESENVOLVIMENTO	PROJETO	CONSTRUÇÃO