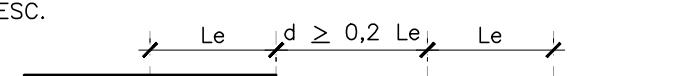
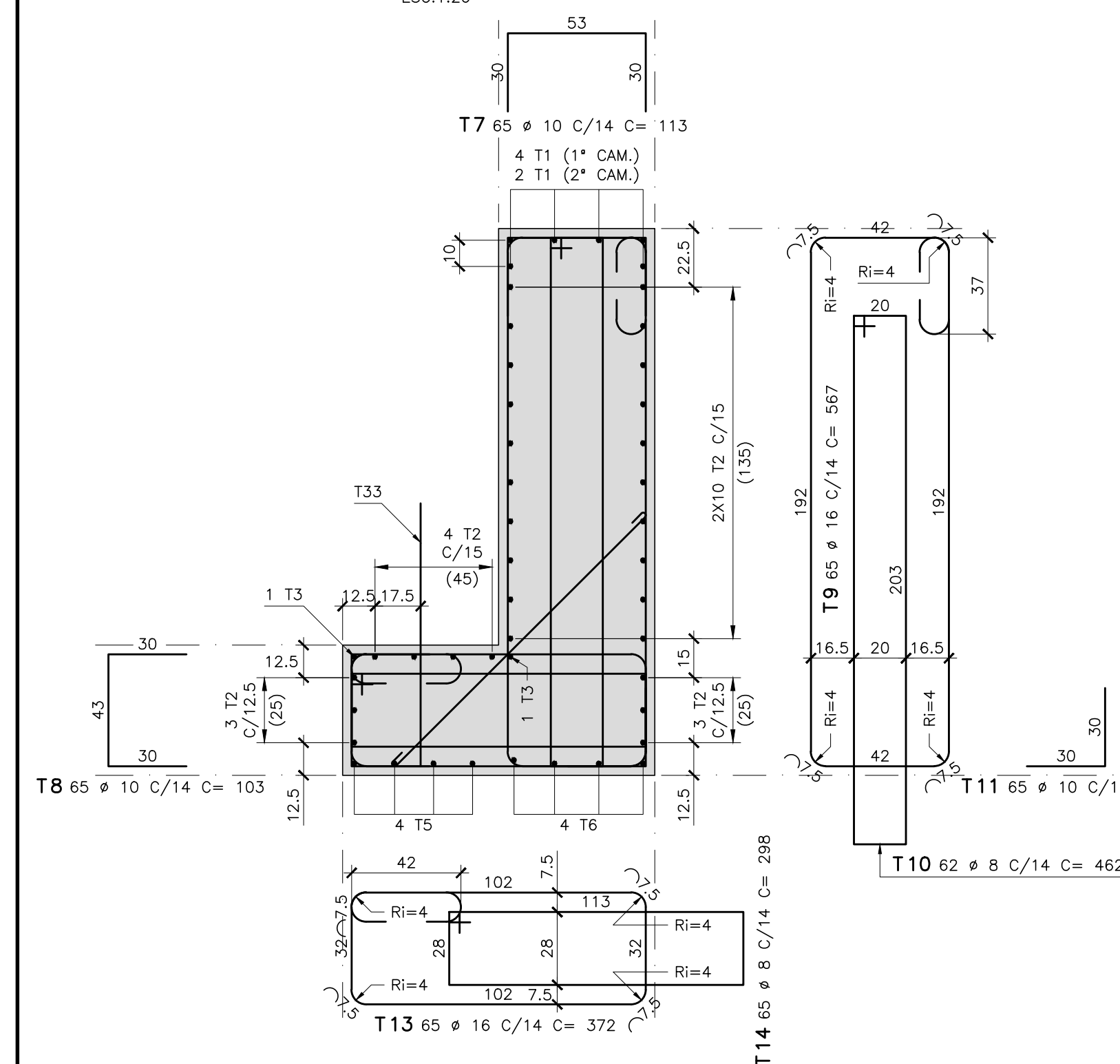


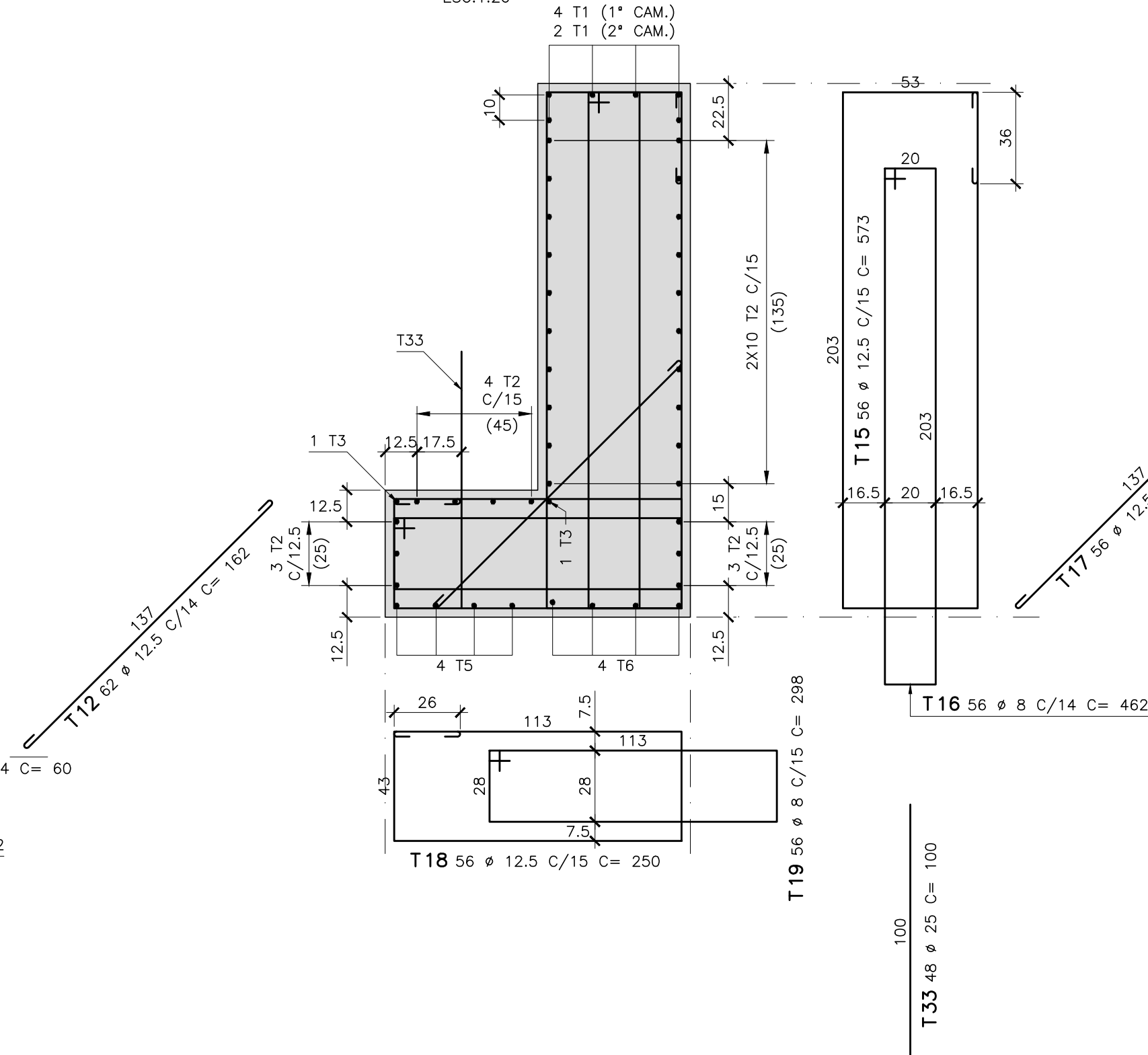
ESC.1:40



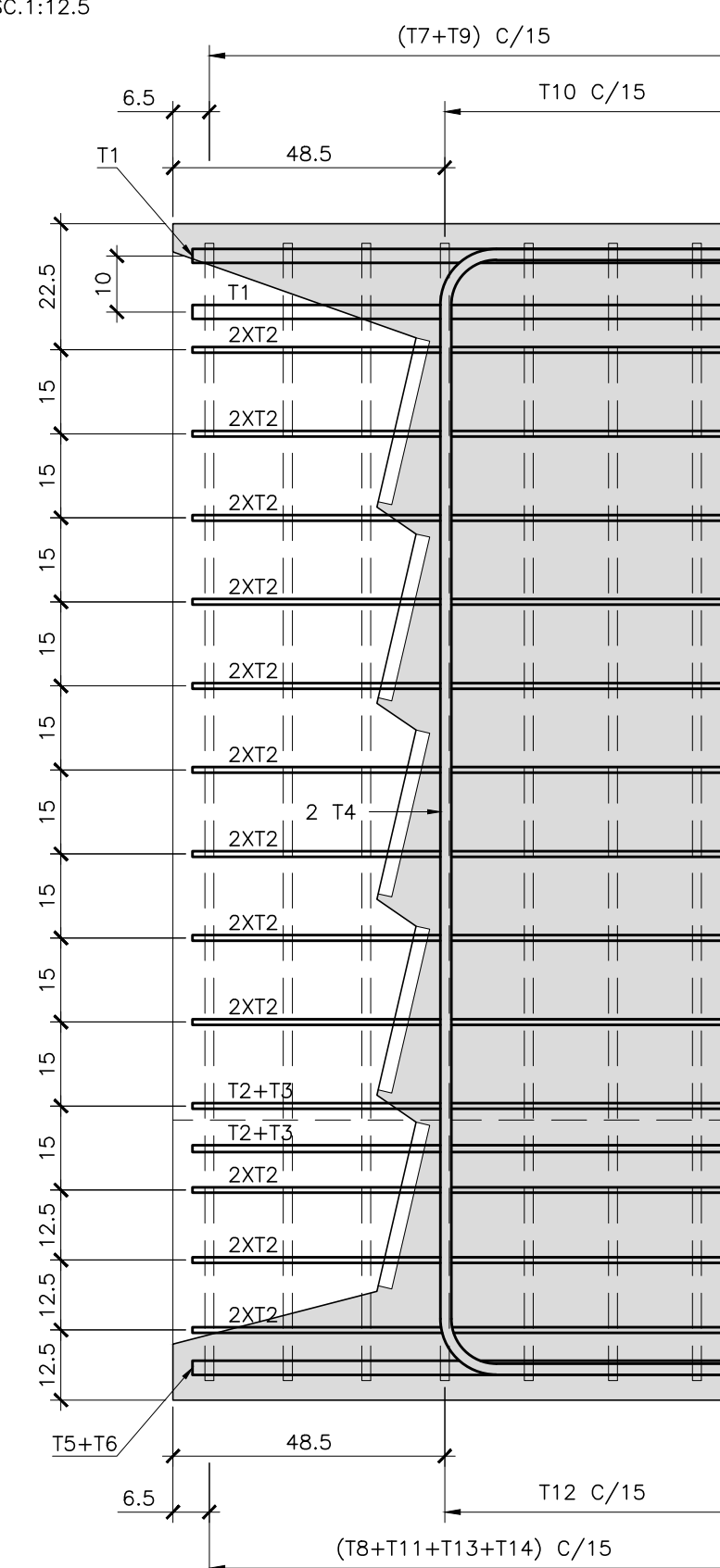
ESC 1:20



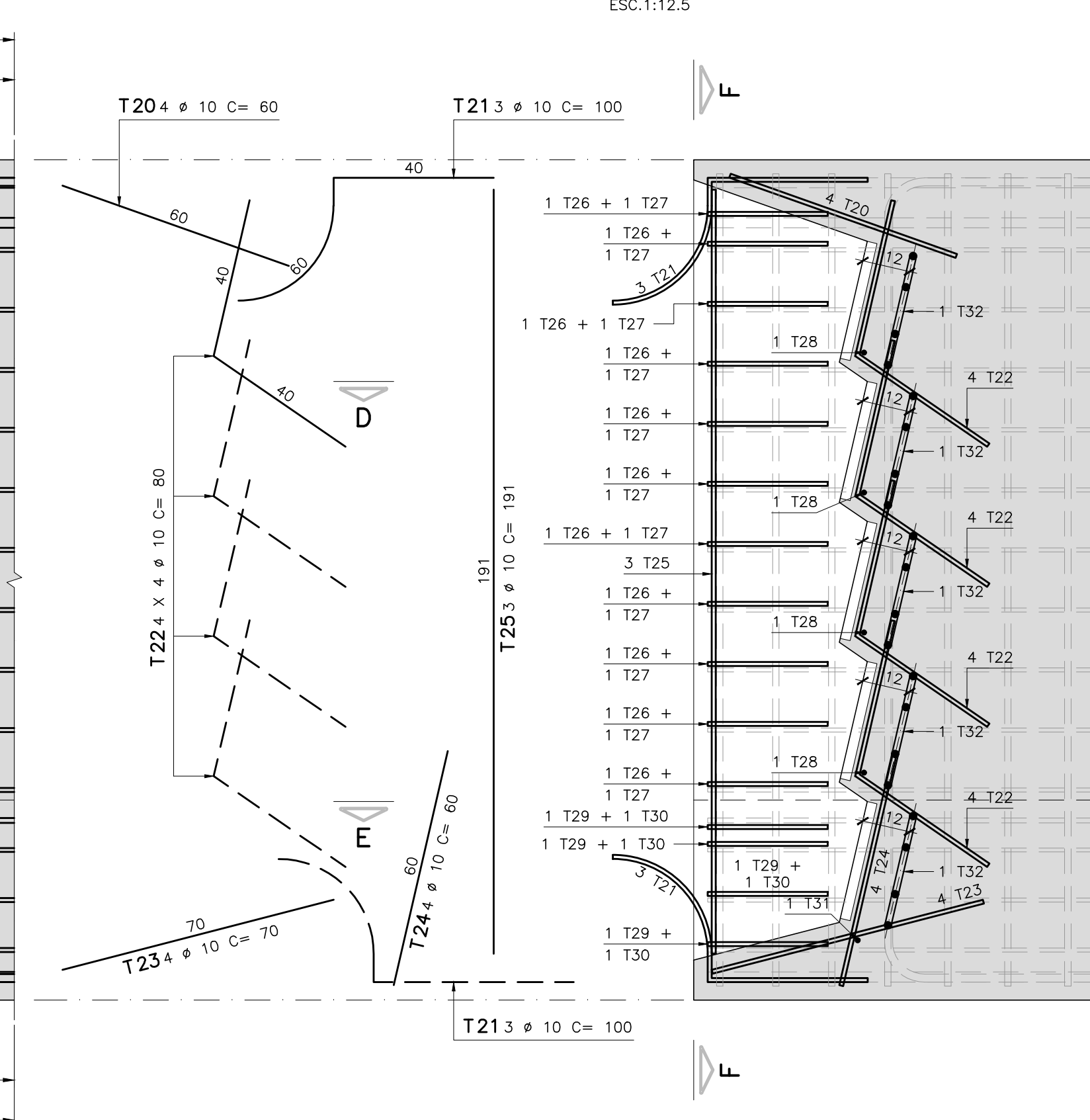
ESC 1:20



POSICIONAMENTO DAS ARMADURAS PRINCIPAIS (2X)



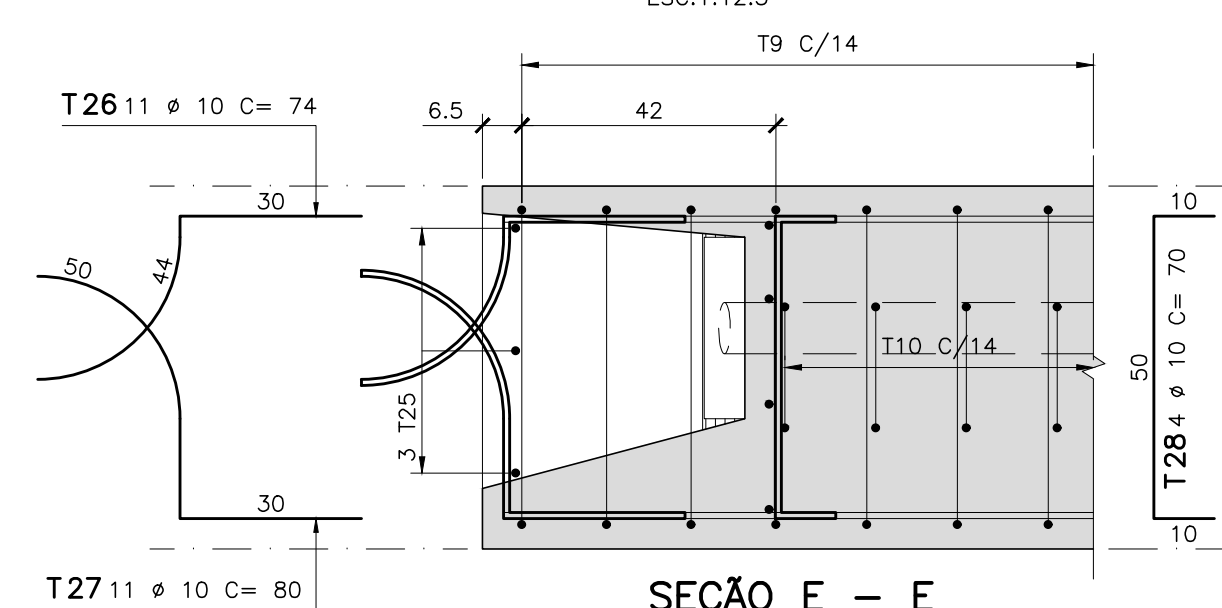
ARMADURAS ADICIONAIS E FRETAGENS (2X)



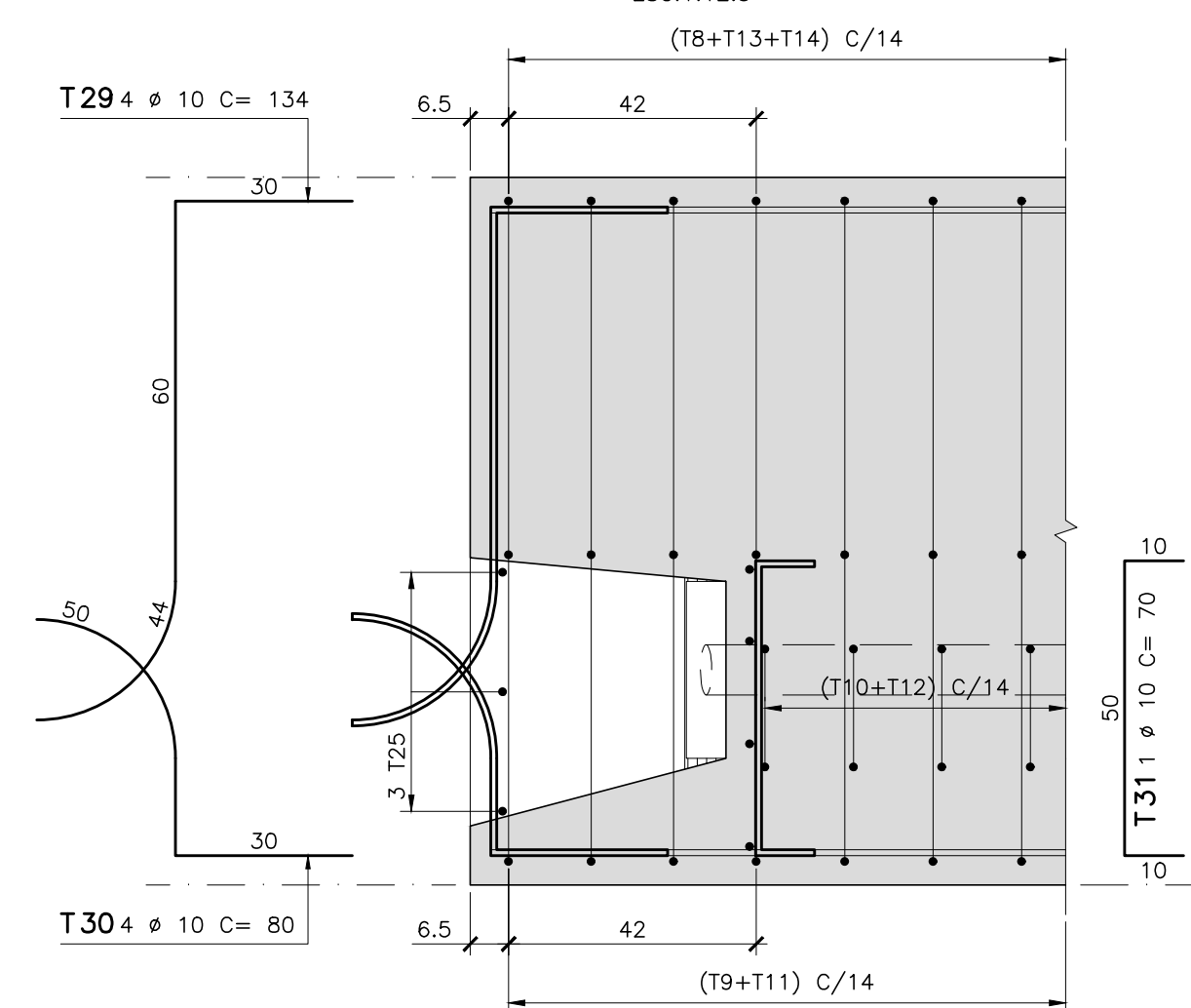
LISTA DE FERROS				
POS.	Ø	Q	COMPRIMENTOS	
			UNIT.(cm)	TOTAL (m)
1	25	6	CORRIDOS	175.68
2	10	30	CORRIDOS	830.40
3	12,5	2	CORRIDOS	55.96
4	20	4		20.76
5	25	4	CORRIDOS	117.12
6	20	4	CORRIDOS	115.12
7	10	130		146.90
8	10	130	103	133.90
9	16	130	567	737.10
10	8	124	462	572.88
11	10	130	60	78.00
12	12,5	124	162	200.88
13	16	130	372	483.60
14	8	130	298	387.40
15	12,5	56	573	320.88
16	8	56	462	258.72
17	12,5	56	162	90.72
18	12,5	56	250	140.00
19	8	56	298	166.88
20	10	8	60	4.80
21	10	12	100	12.00
22	10	32	80	25.60
23	10	8	70	5.60
24	10	8	60	4.80
25	10	6	191	11.46
26	10	22	74	16.28
27	10	22	80	17.60
28	10	8	70	5.60
29	10	8	134	10.72
30	10	8	80	6.40
31	10	2	70	1.40
32	16	10	268	26.80
33	25	48	100	48.00

RESUMO AÇO CA-50		
Ø	COMPRIMENTO (m)	PESO (Kg)
8	1385.88	547
10	1311.46	809
12,5	808.44	779
16	1220.70	1926
20	135.88	335
25	340.80	1313
TOTAL		5709

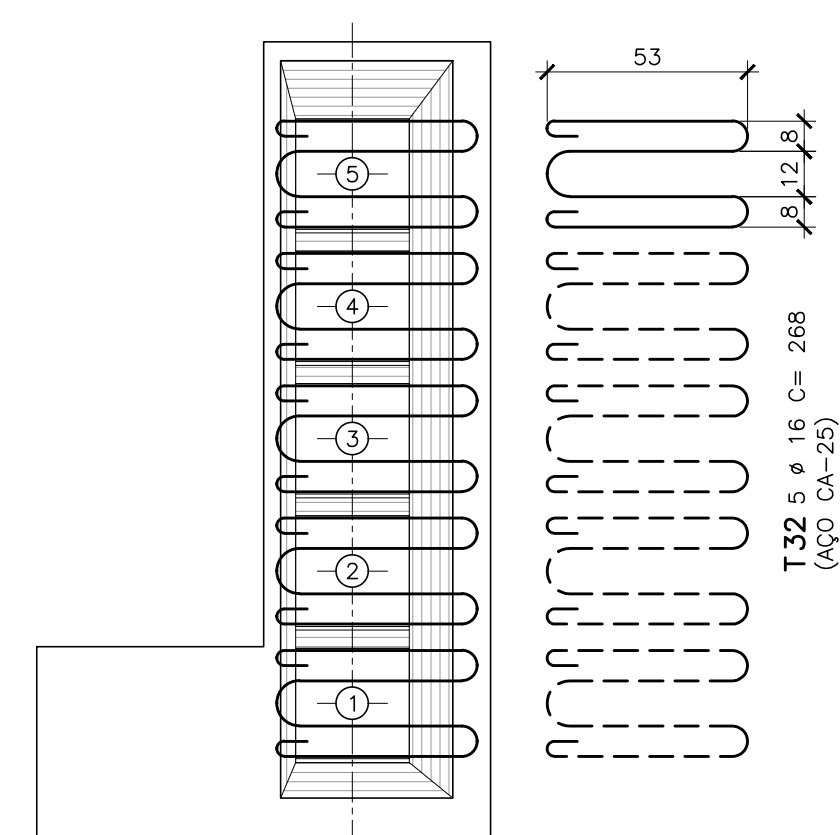
ESC 1:12.5



ESC.1:12.5



ESC.1:20



1 – MEDIDAS EM CENTÍMETROS

3 - AS ARMADURAS DETALHADAS NESTA FOLHA NÃO DISPENSAM AS ARMADURAS HELICOIDAIS DE FRETAGEM RECOMENDADAS NO CATÓLOGO DO SISTEMA DE PROTENSÃO A SER EMPREGADO.