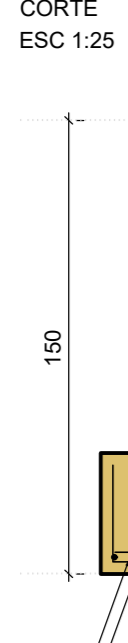
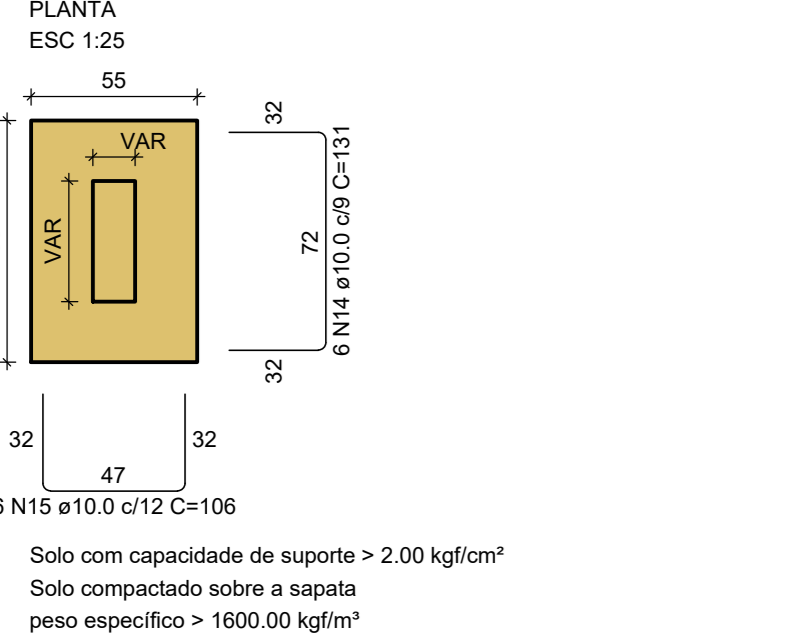
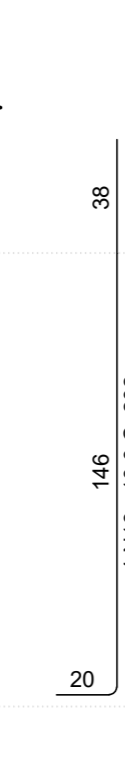
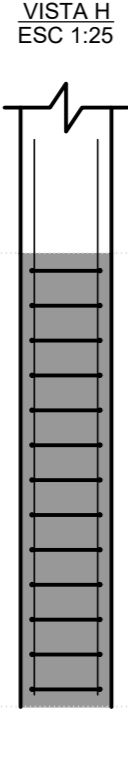
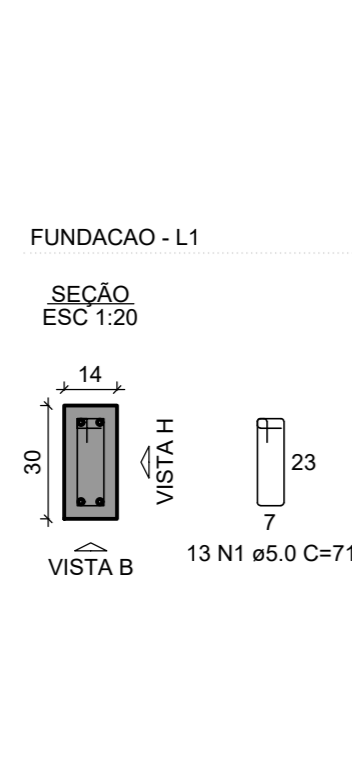


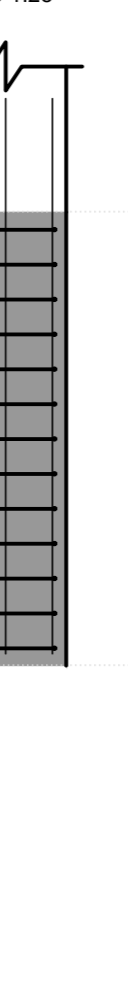
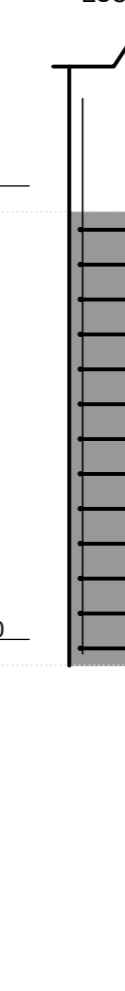
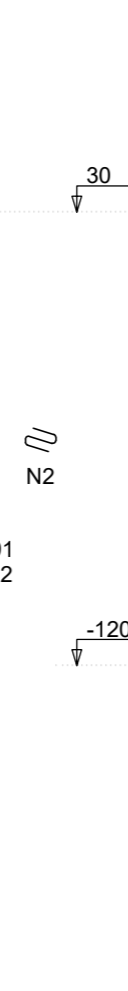
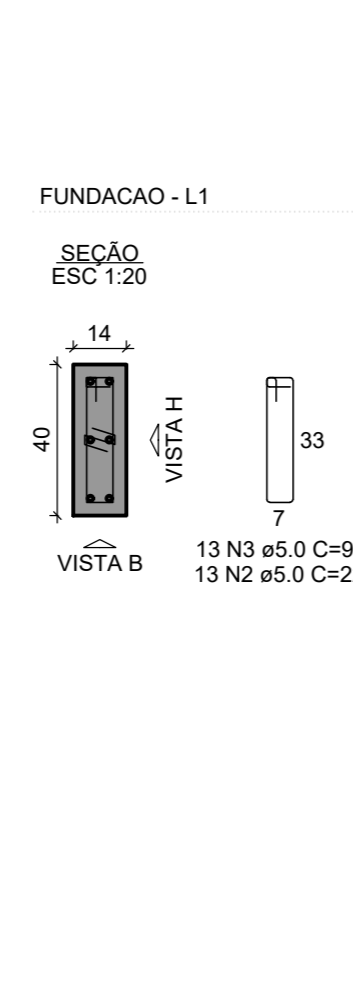
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=S66=S70=S77=S78=S82=S83



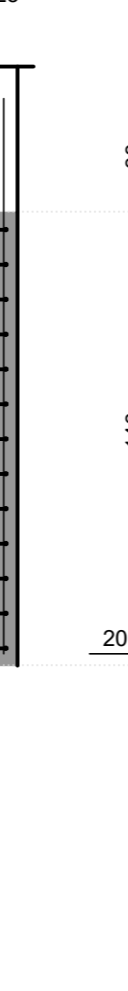
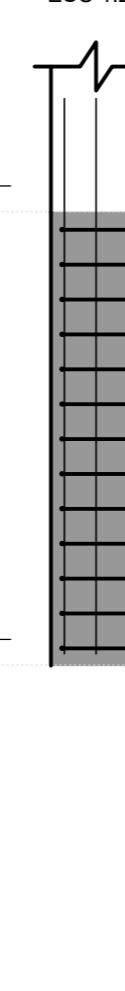
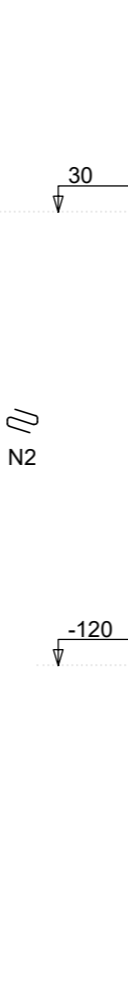
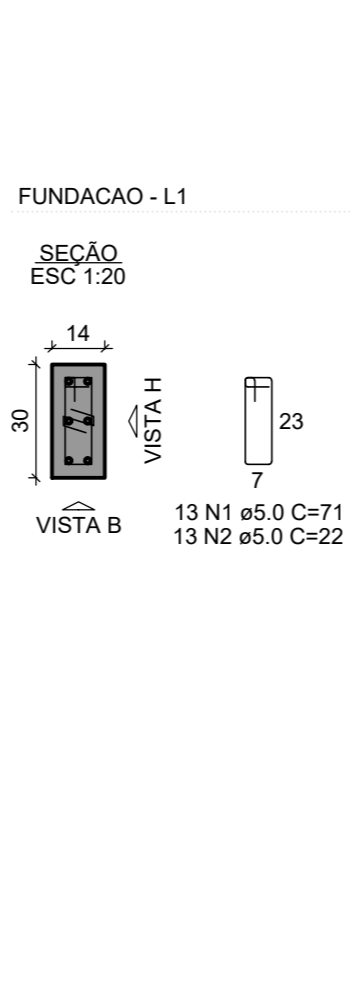
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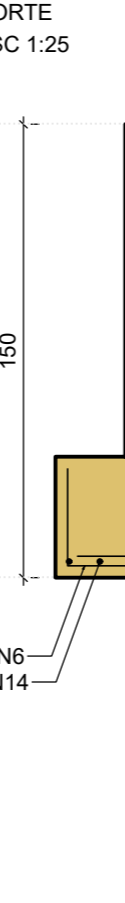
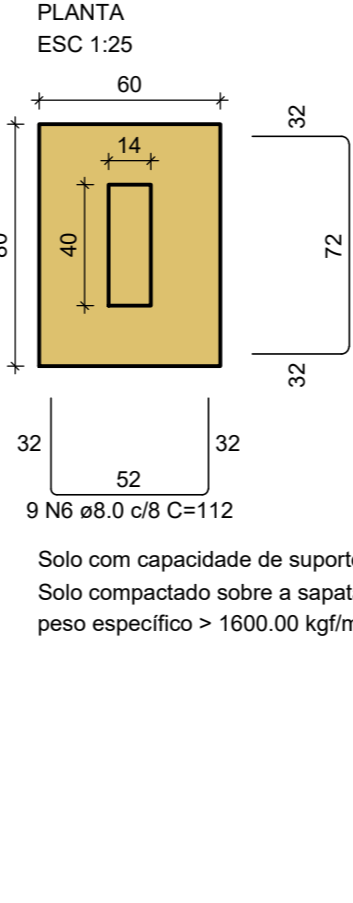
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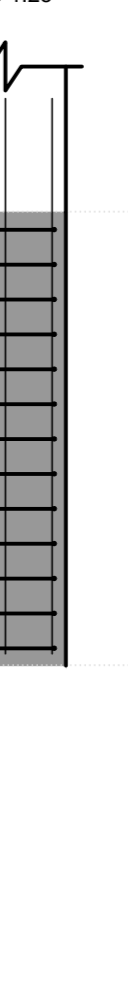
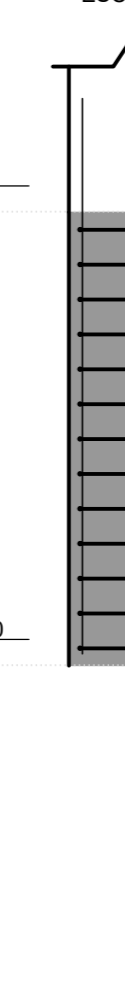
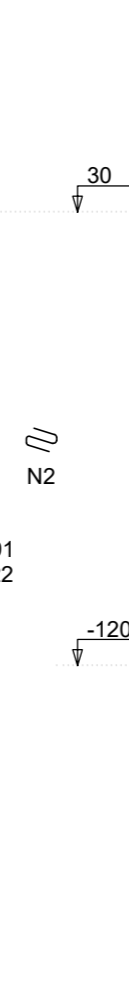
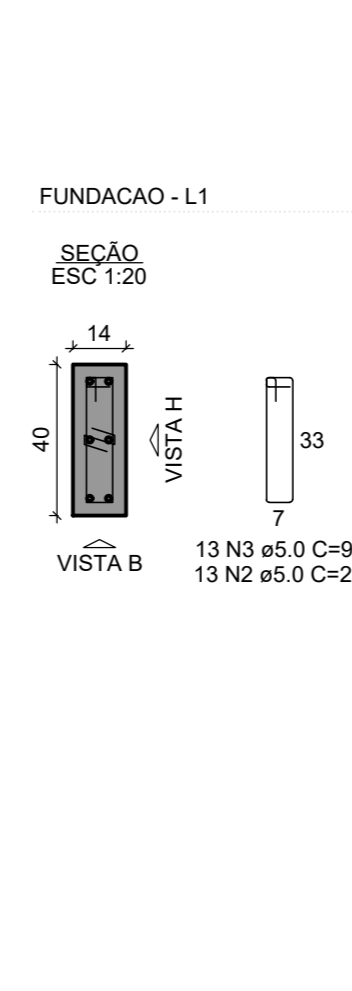
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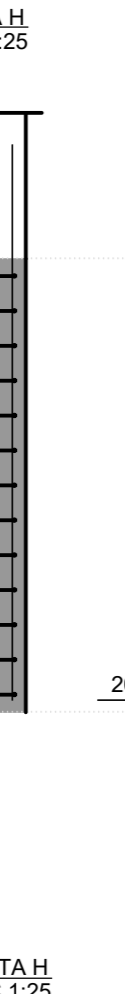
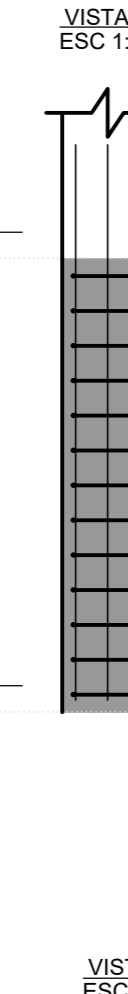
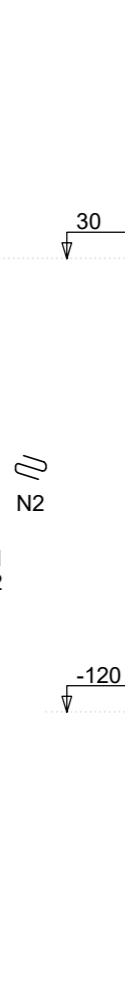
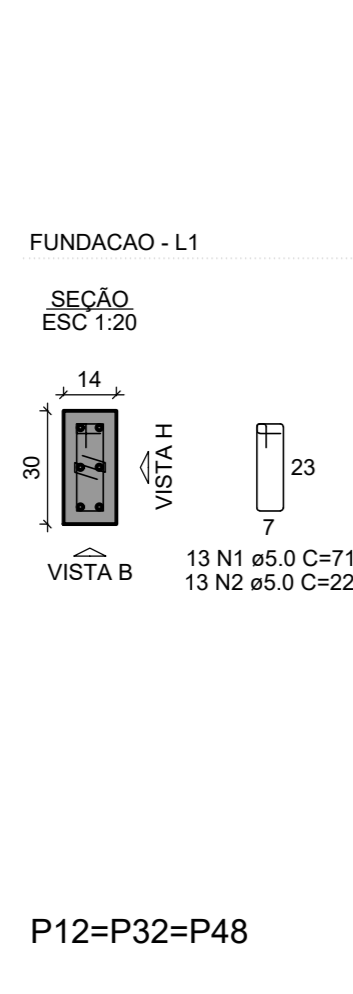
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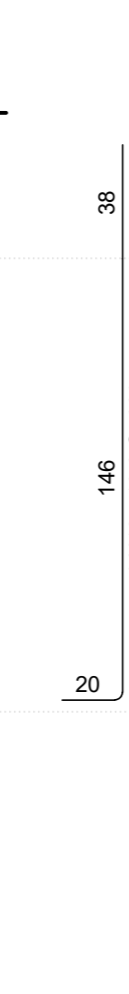
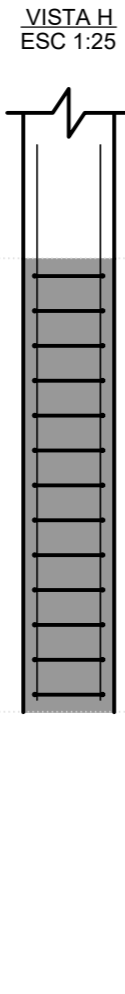
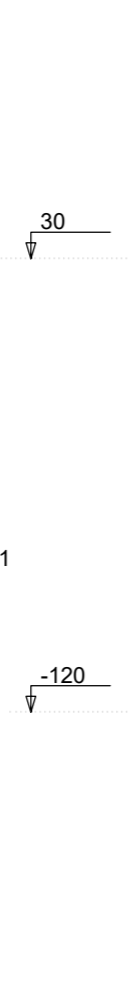
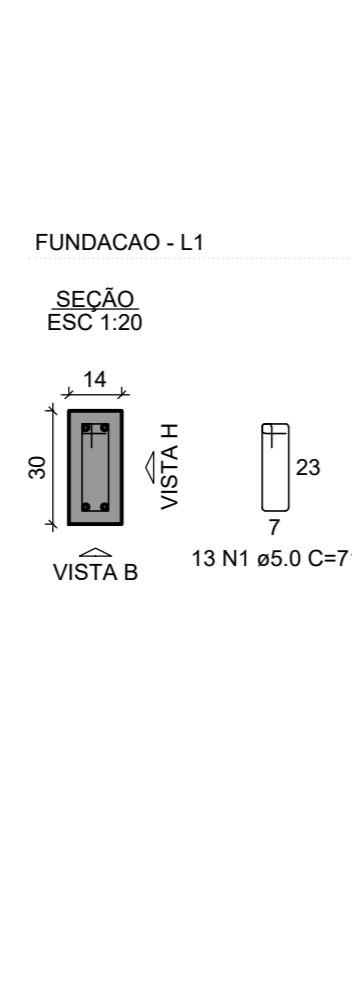
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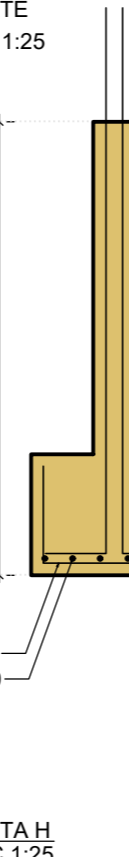
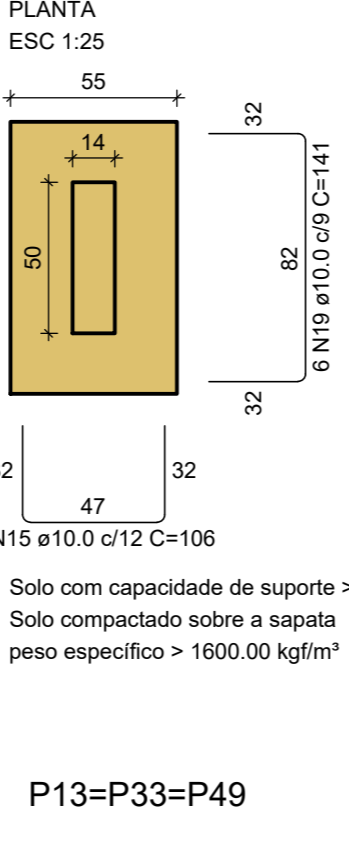
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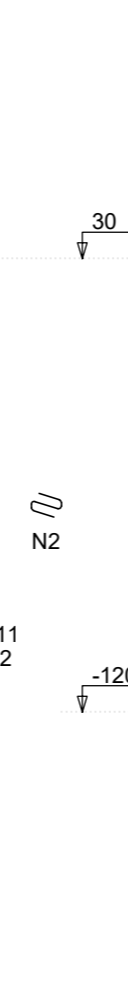
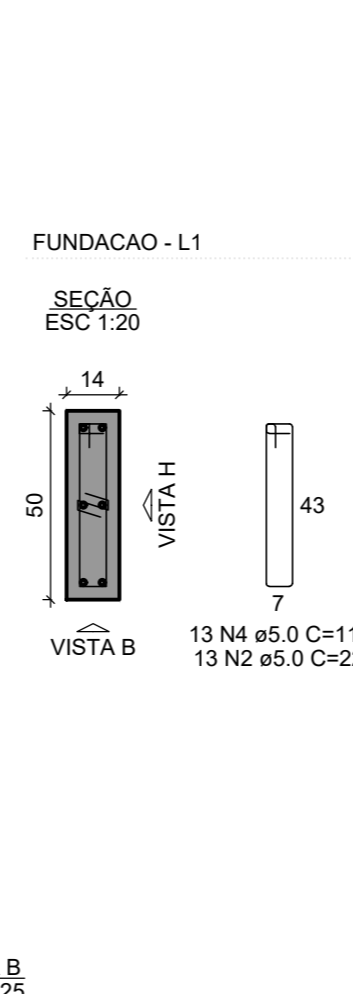
P9=P23=P81



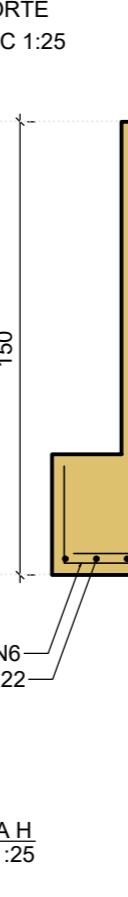
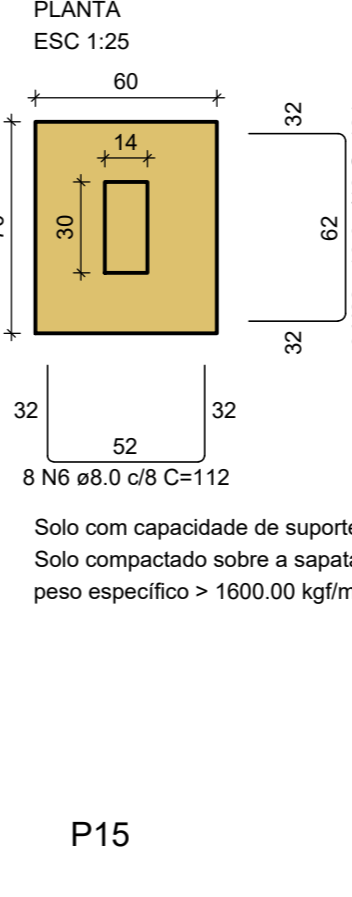
S7=S21=S37



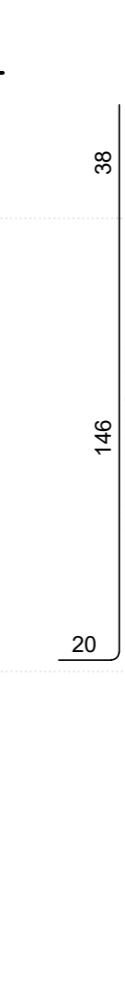
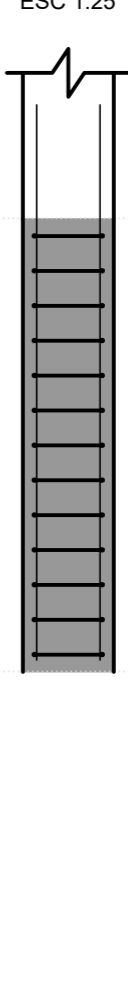
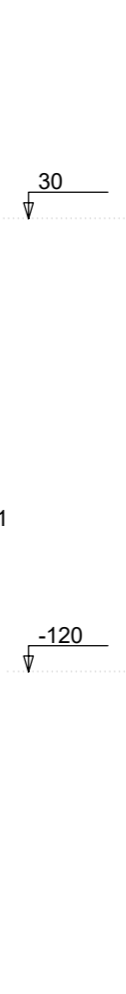
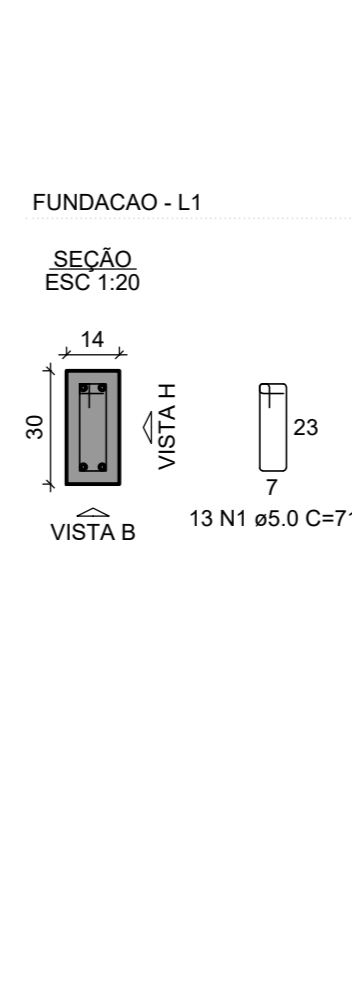
P7=P21=P37



S8=S73



P8=P73



RELAÇÃO DO AÇO - VIGAS BALDRAME

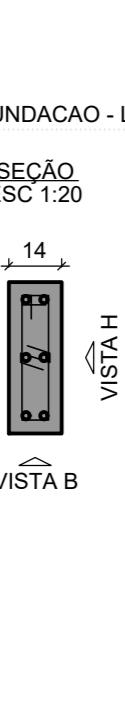
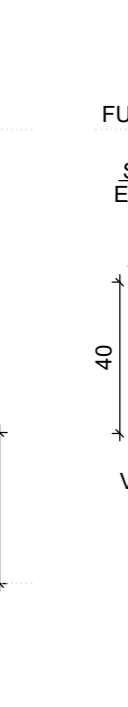
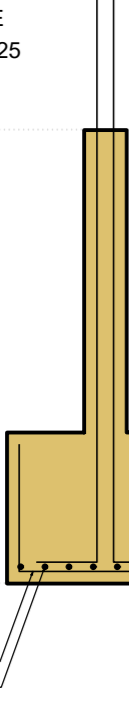
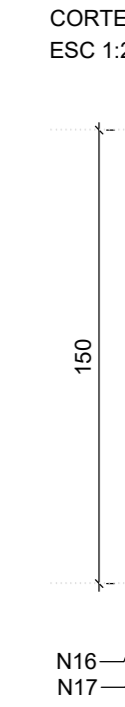
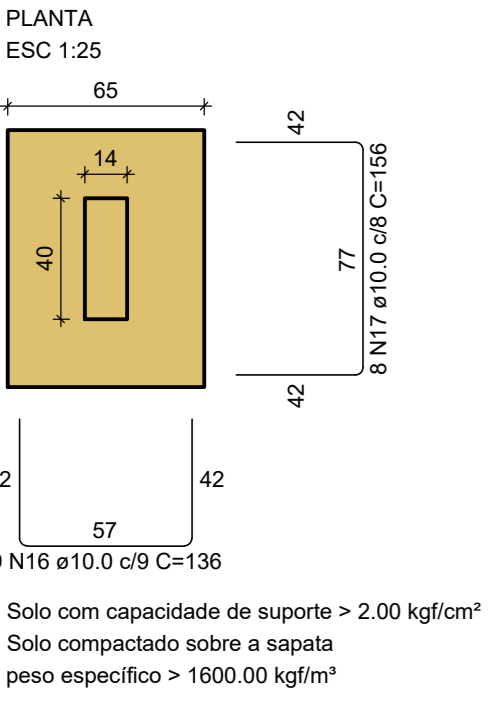
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CABO	1	5.0	897	71	63687
	2	5.0	221	22	4882
	3	5.0	160	91	14560
	4	5.0	50	111	5550
	5	5.0	132	22	2904
	6	8.0	108	112	12096
	7	8.0	53	127	6731
	8	8.0	78	122	9516
	9	8.0	15	142	2130
	10	8.0	9	147	1323
	11	8.0	32	137	4384
	12	8.0	89	132	11868
	13	10.0	334	202	67468
	14	10.0	270	131	35370
	15	10.0	327	106	34662
	16	10.0	68	136	9248
	17	10.0	24	156	3744
	18	10.0	21	161	3381
	19	10.0	18	141	2538
	20	10.0	36	151	5436
	21	10.0	28	176	4928
	22	10.0	12	121	1452
	23	10.0	14	171	2394
	24	10.0	12	146	1752
	25	12.5	66	210	13860
	26	12.5	6	250	1500

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0%	PESO + 0%
CABO	8.0	467.4	39	184.4
	10.0	1718.4	144	1050
	12.5	153.8	13	148
CABO	5.0	915.8	77	141.1
PESO TOTAL (kg)				
CABO	1392.4			
CABO	141.1			

Volume de concreto (C-25) = 22.31 m³
Área de forma = 190.53 m²

S12=S32=S48



S13=S33=S49

