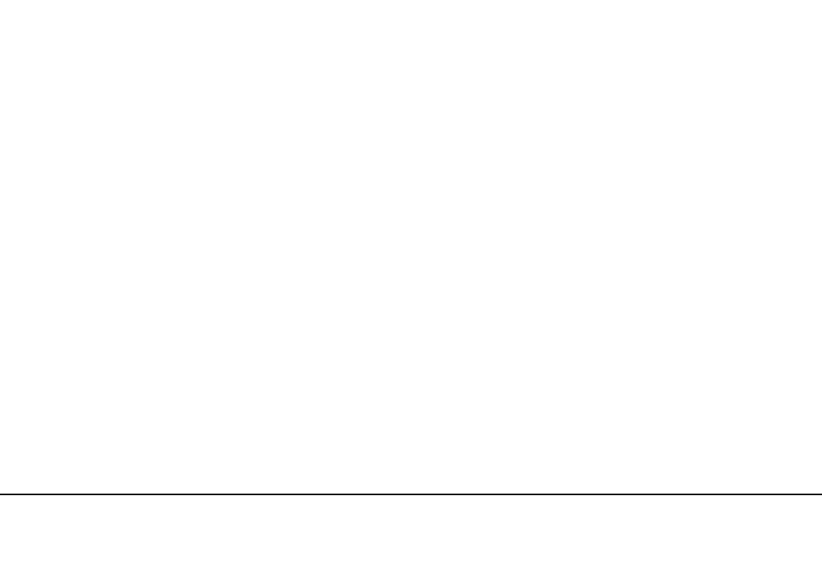
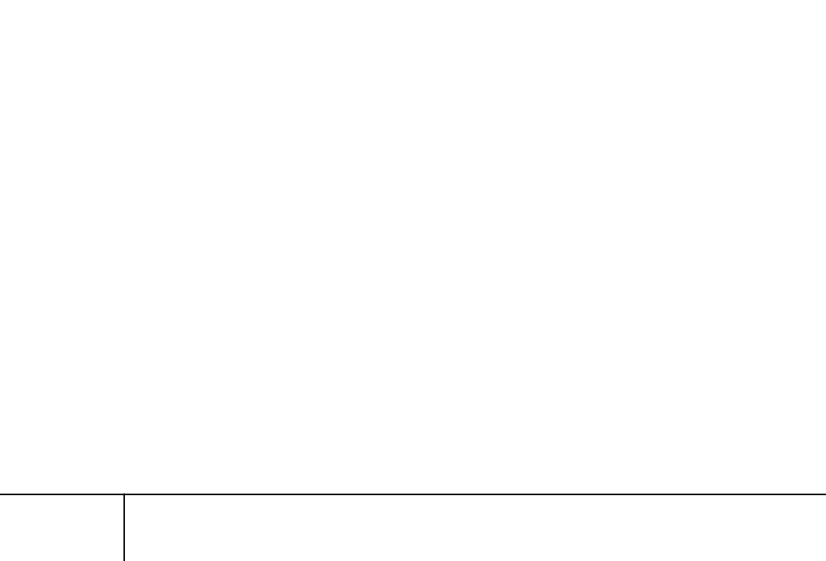
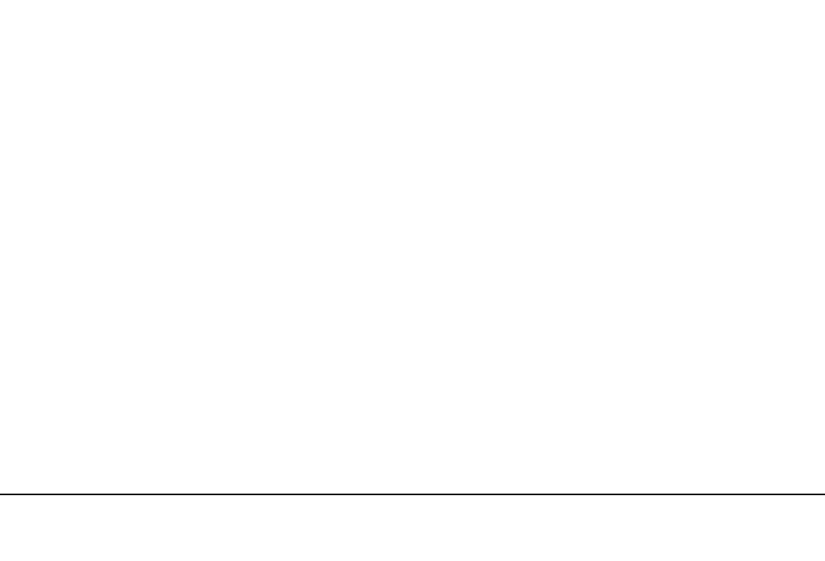
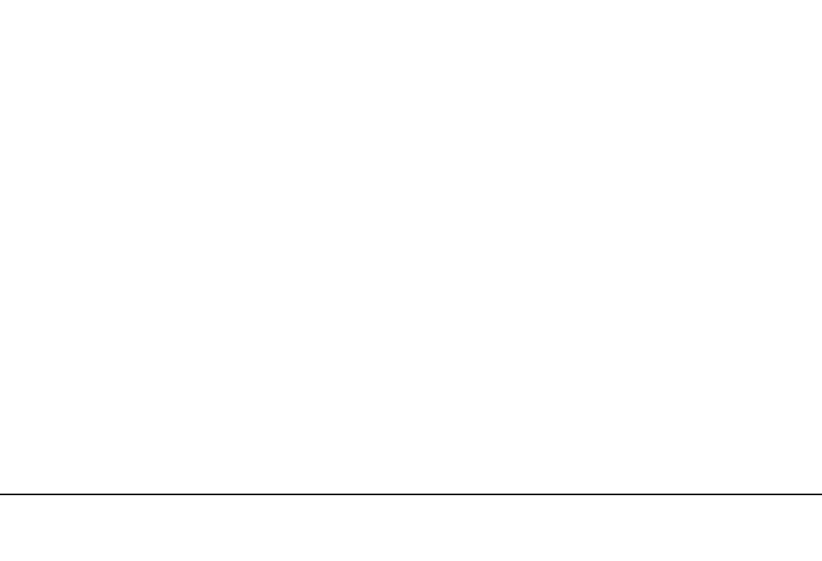
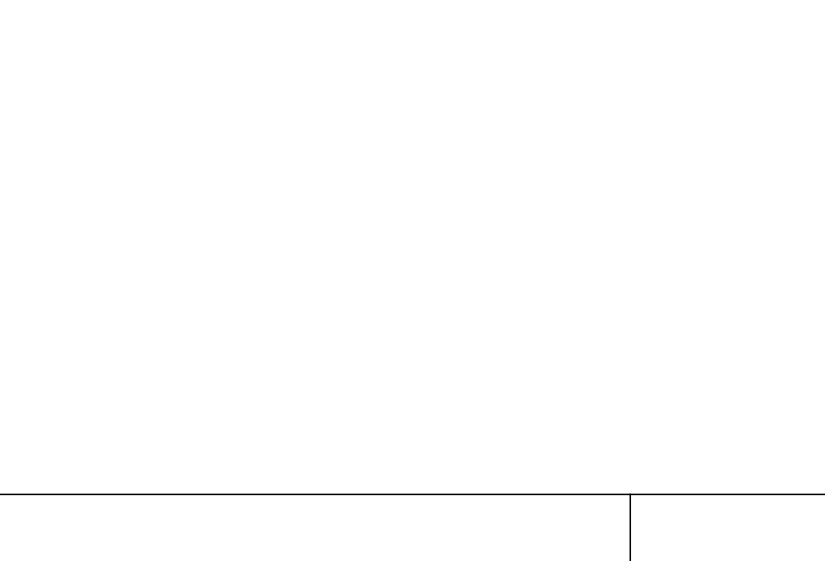
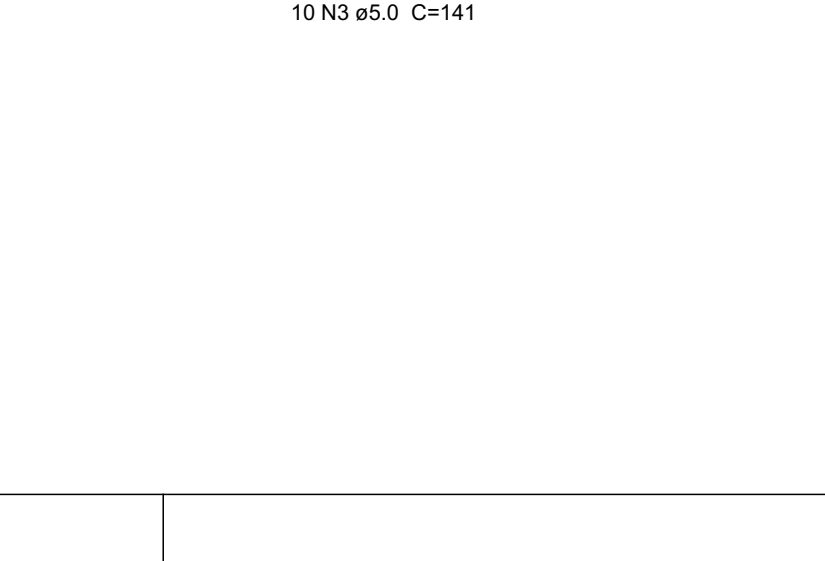
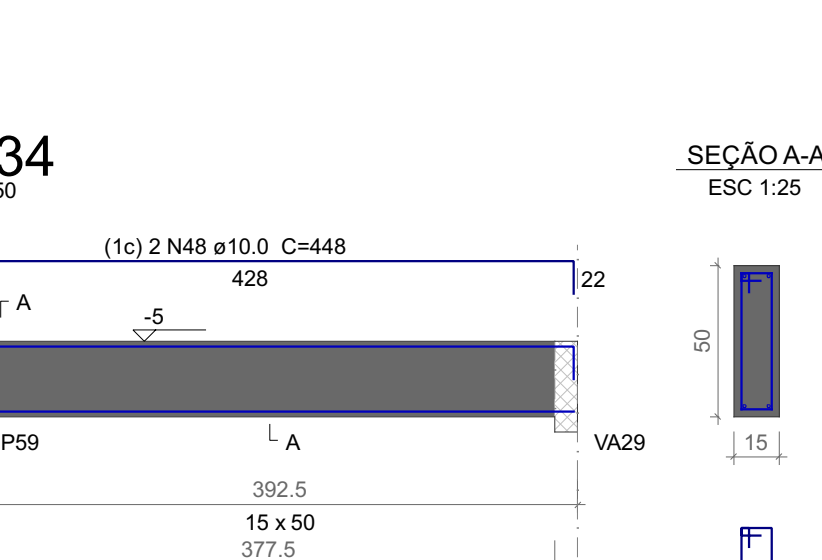
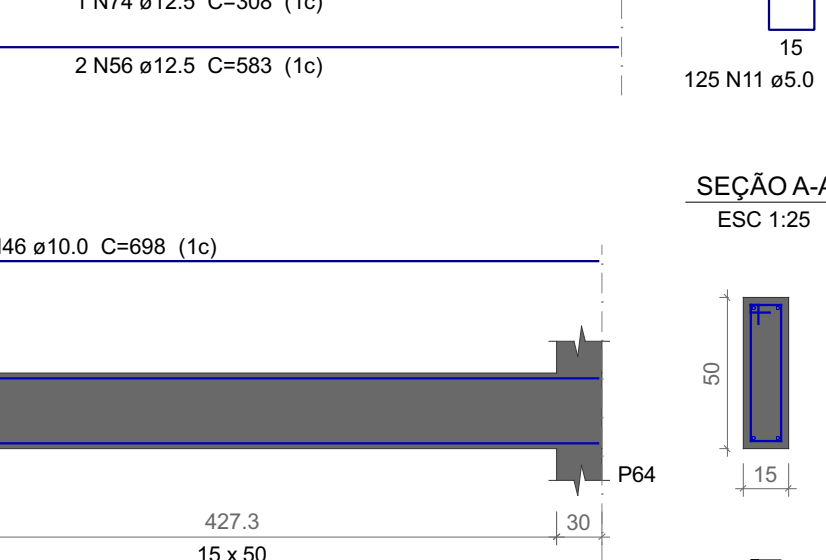
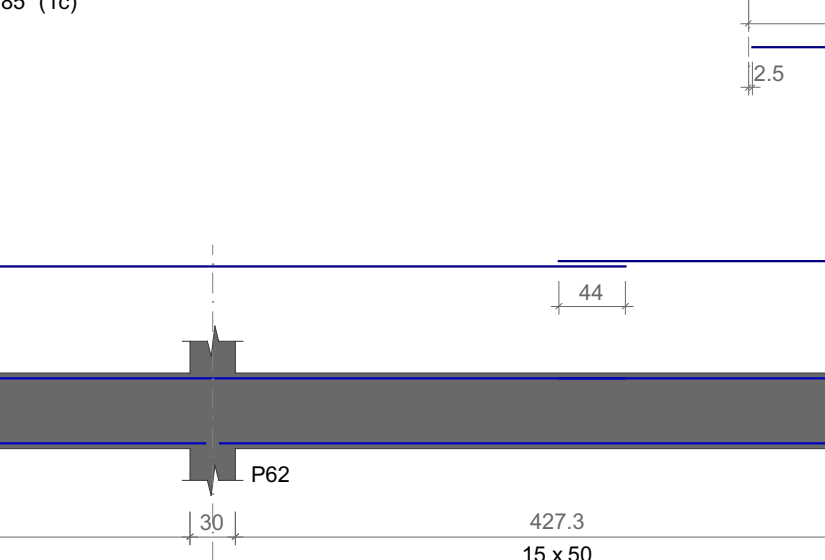
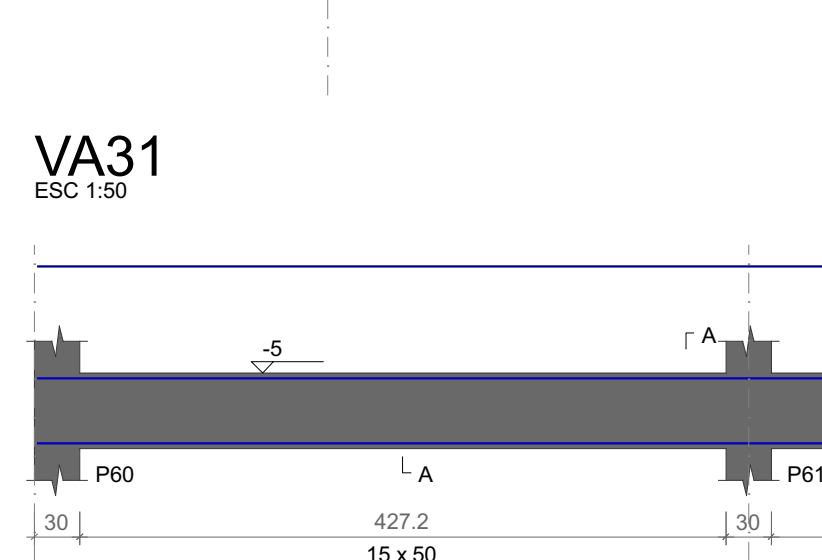
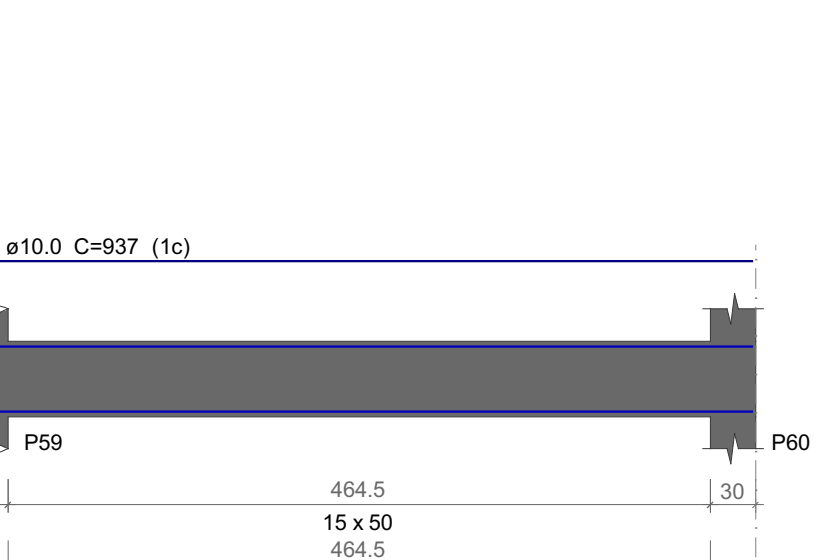
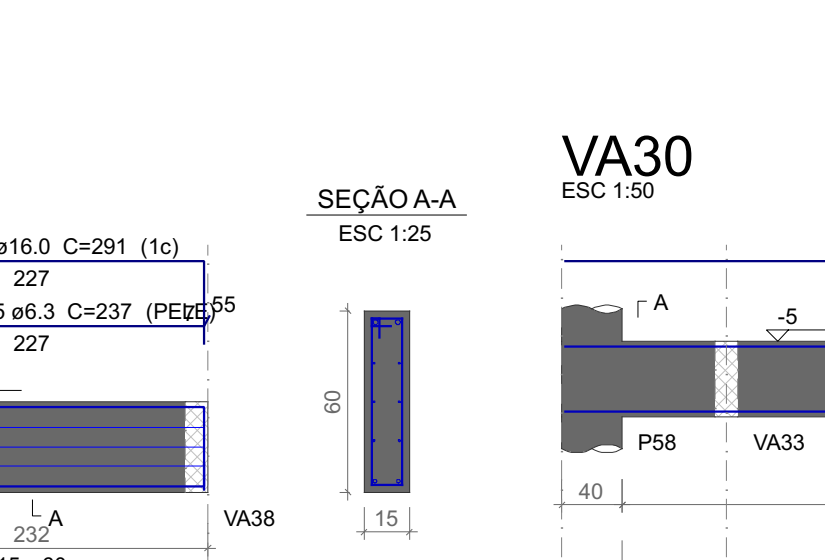
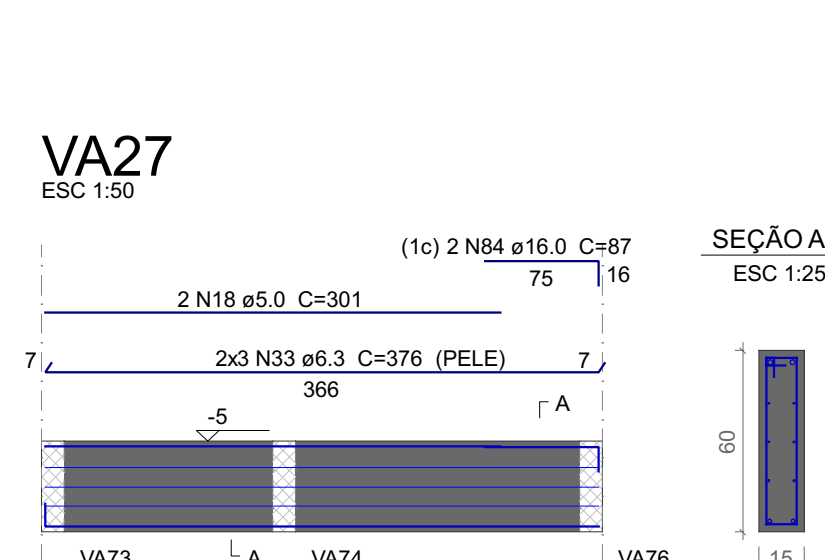
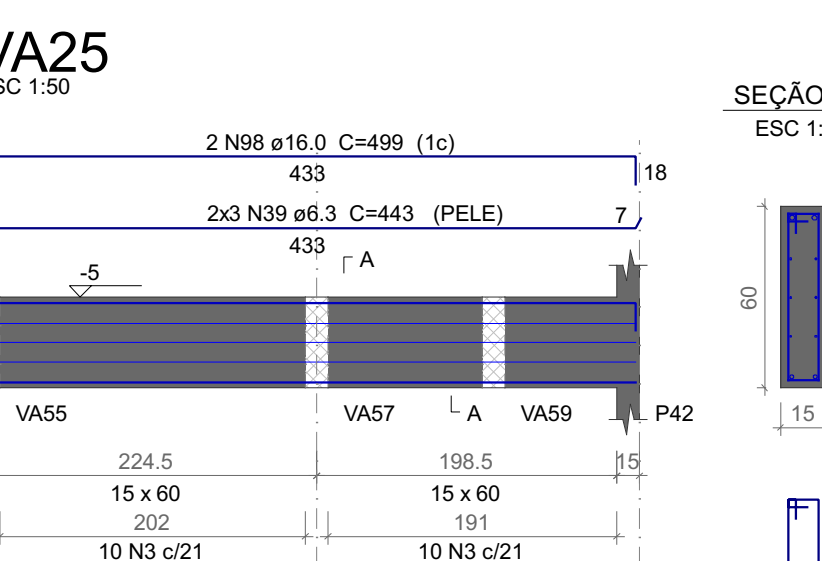
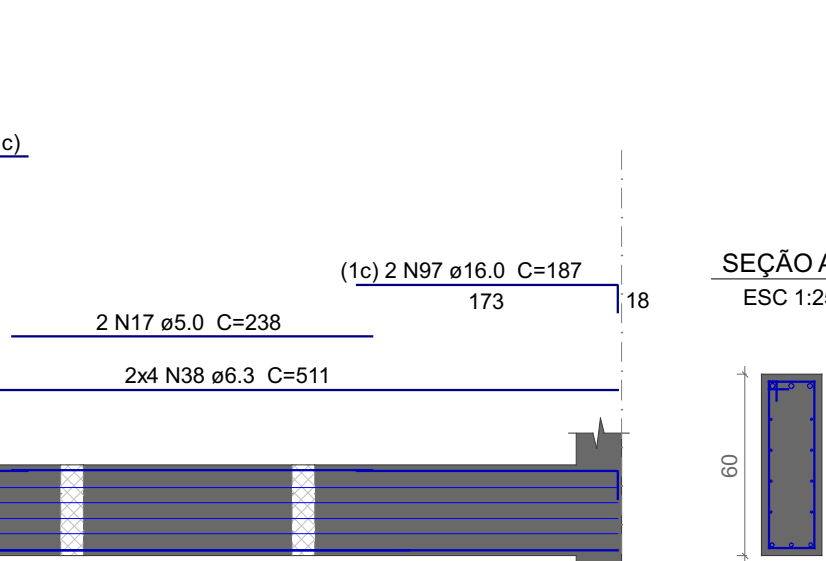
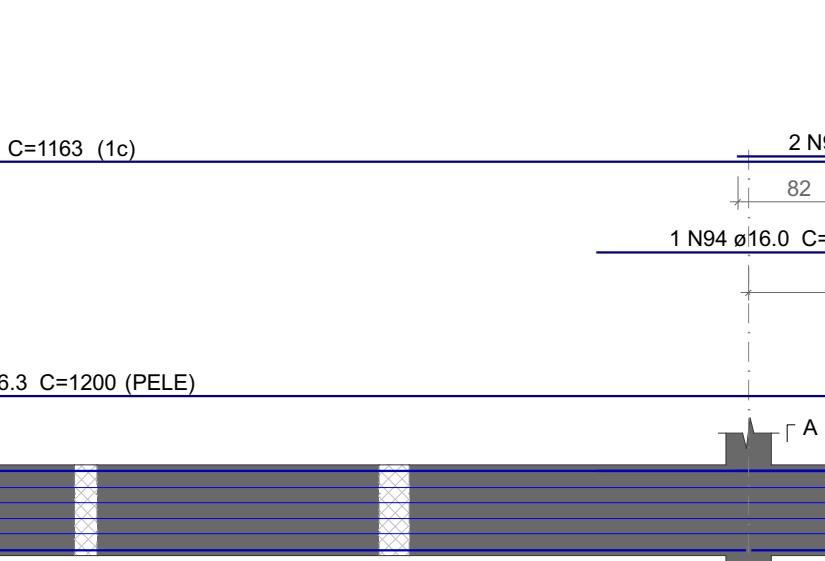
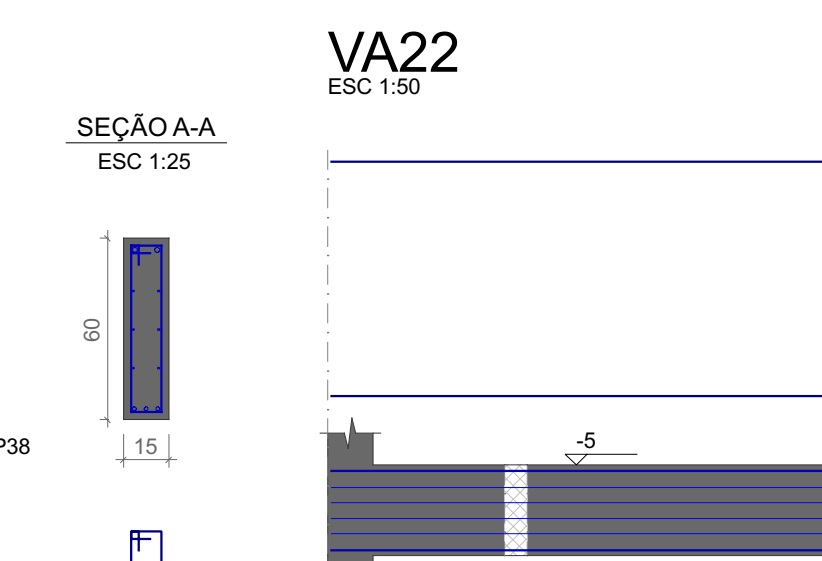
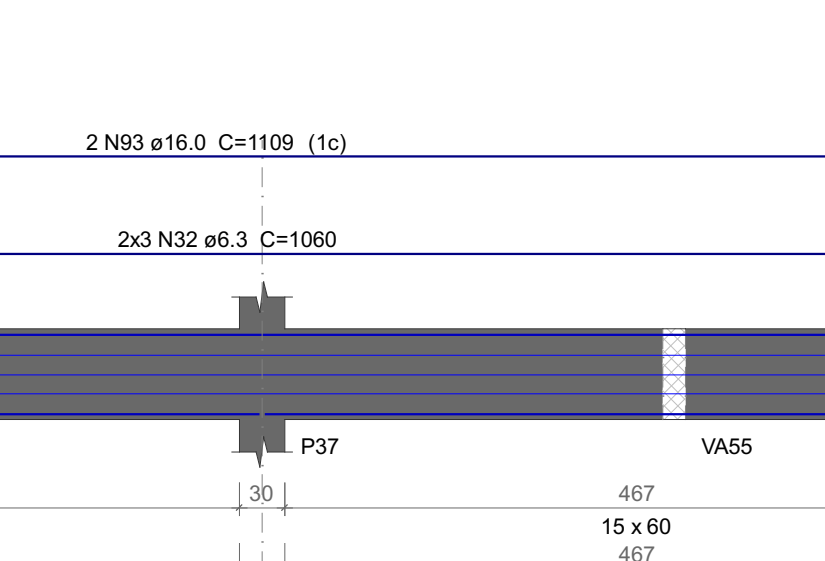
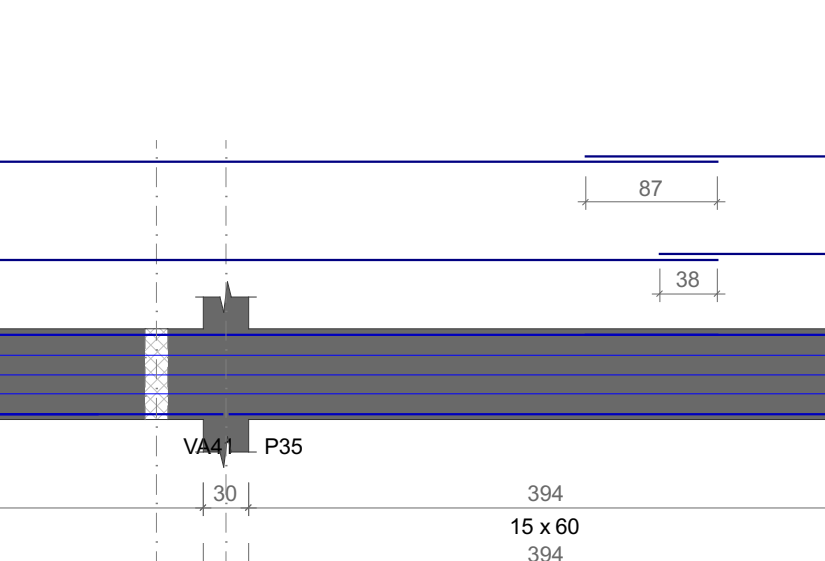
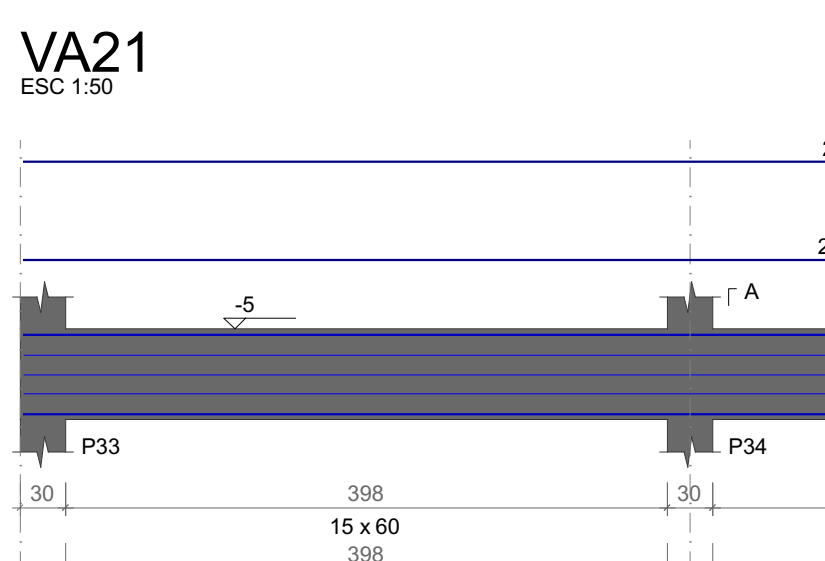
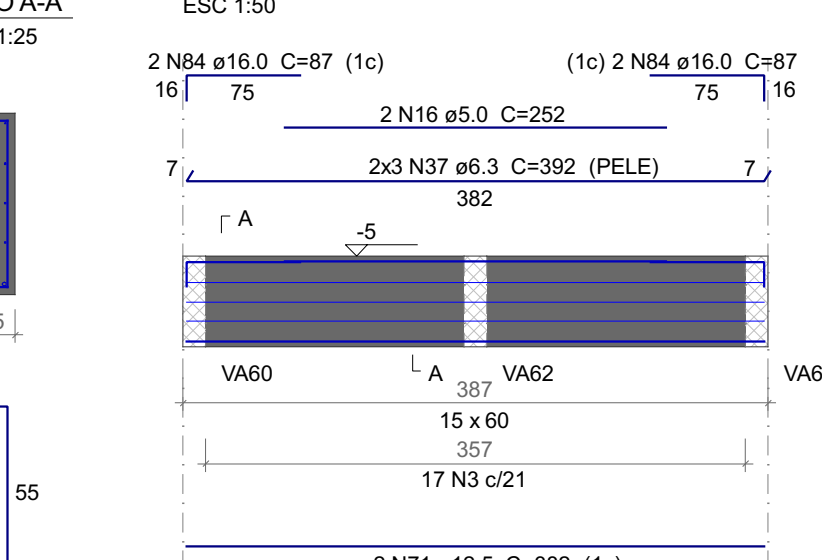
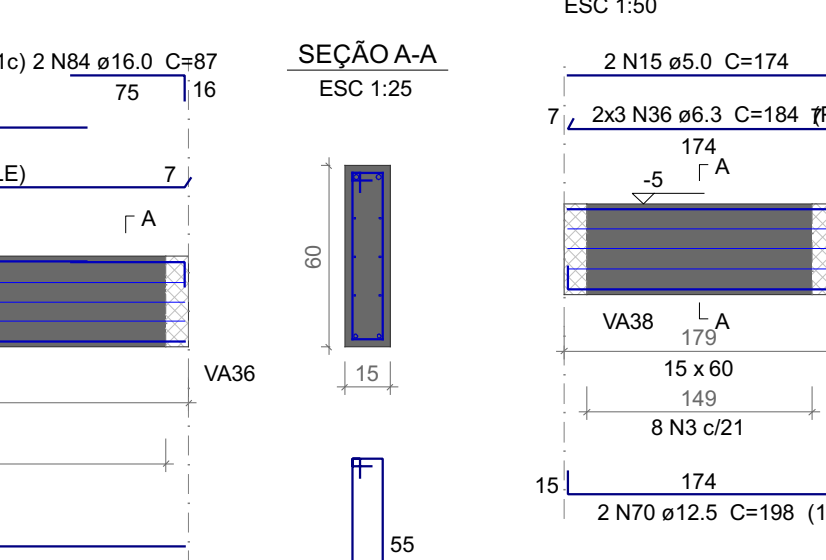
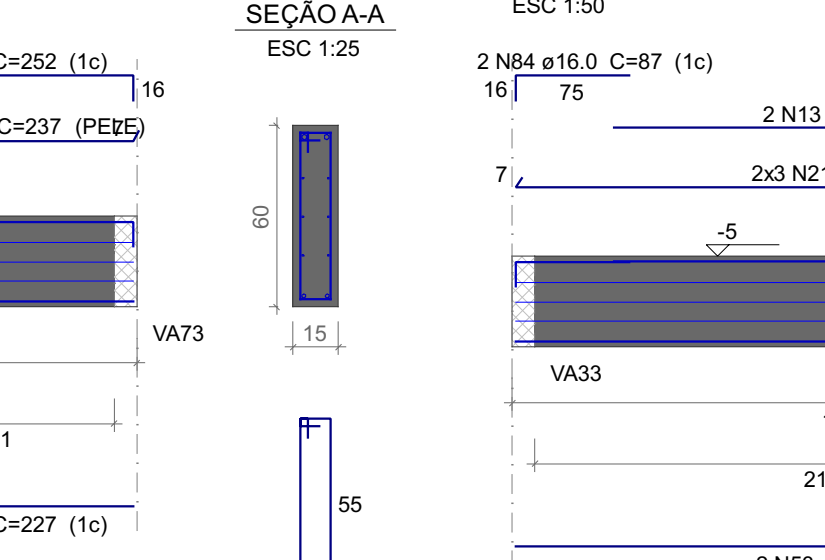
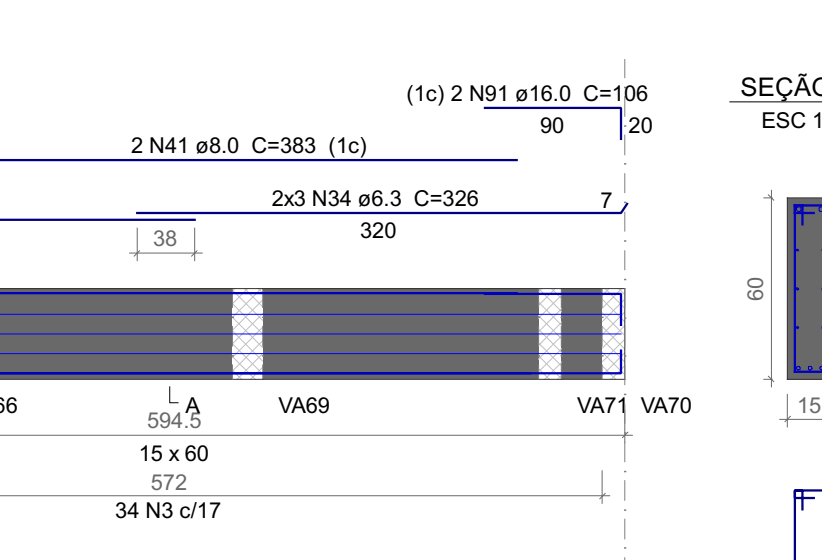
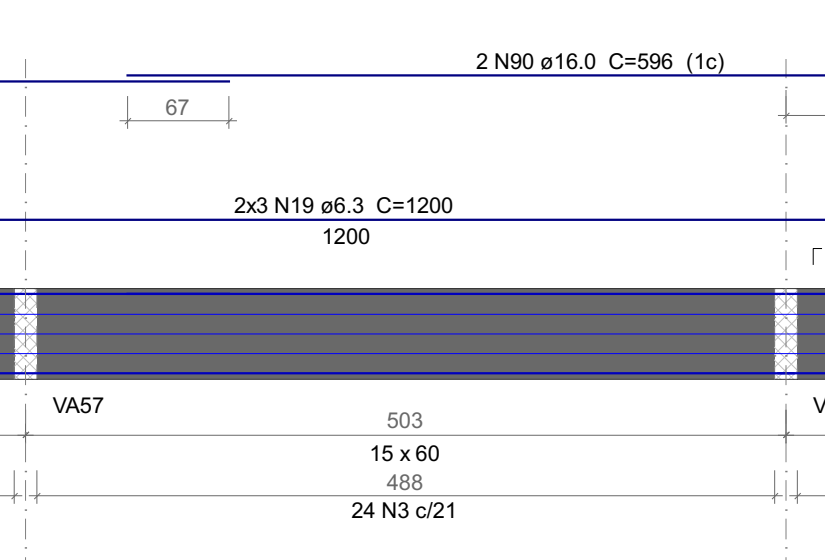
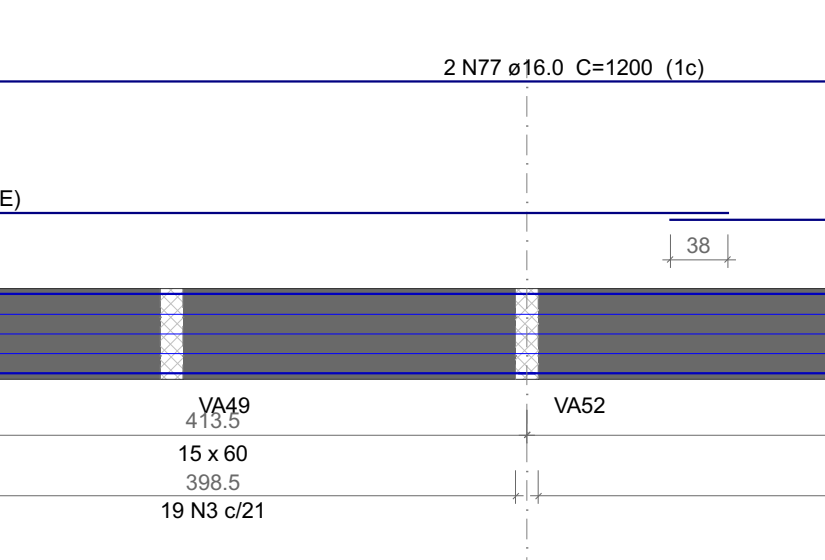
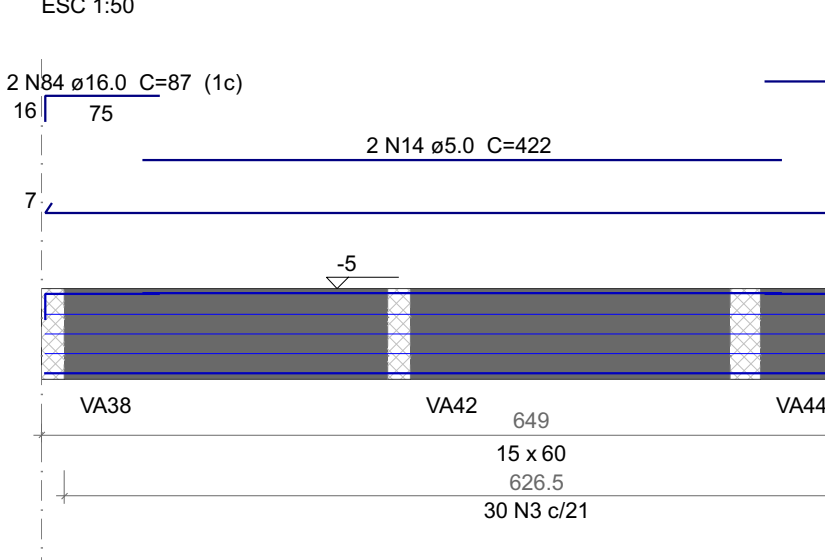
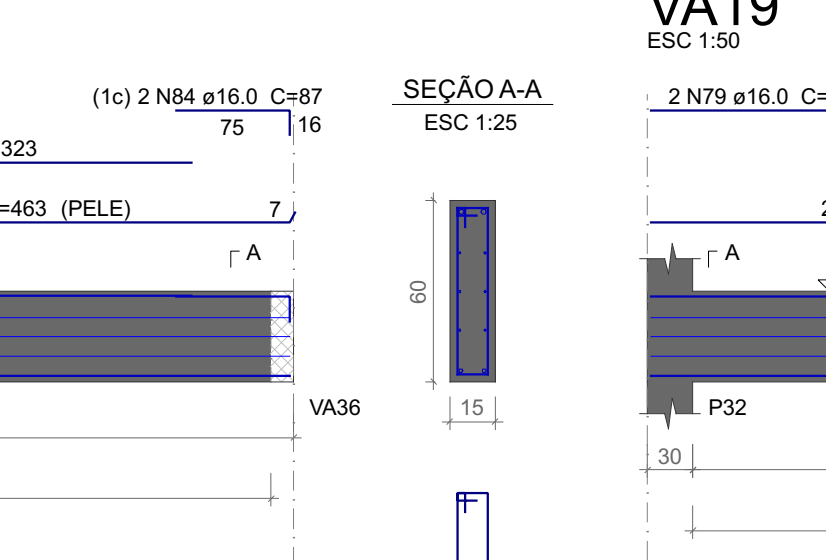
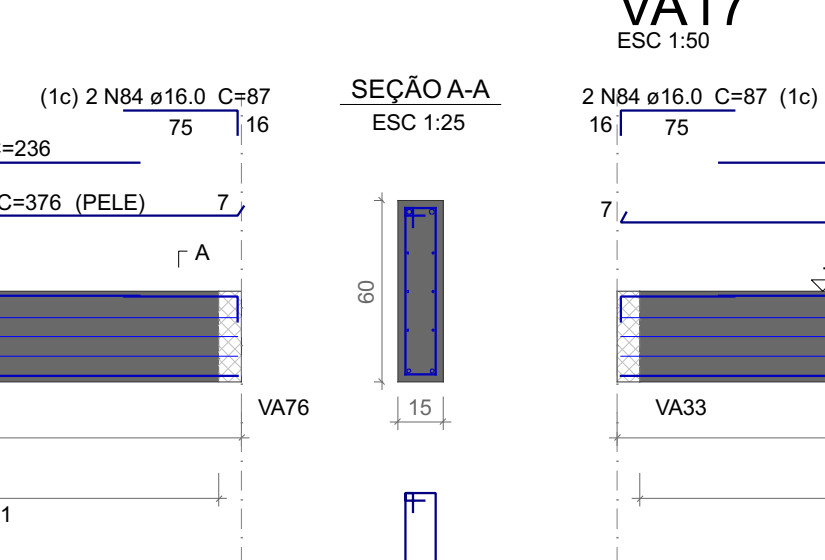
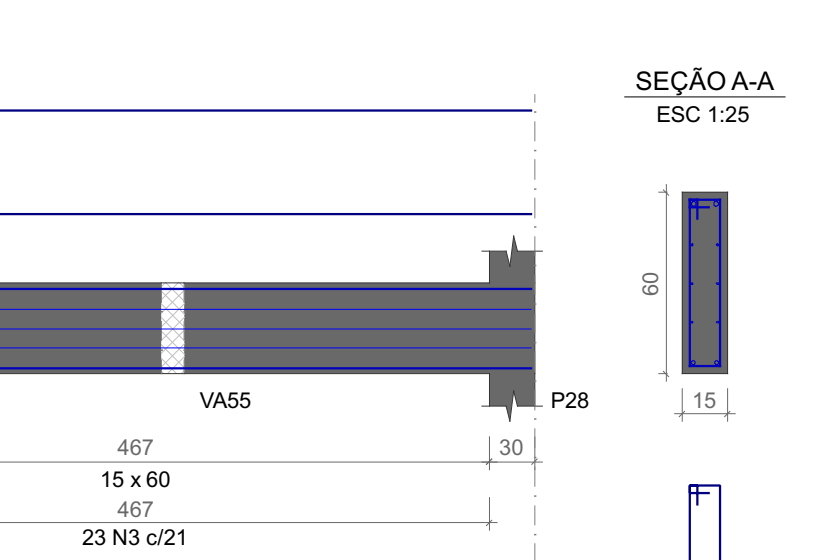
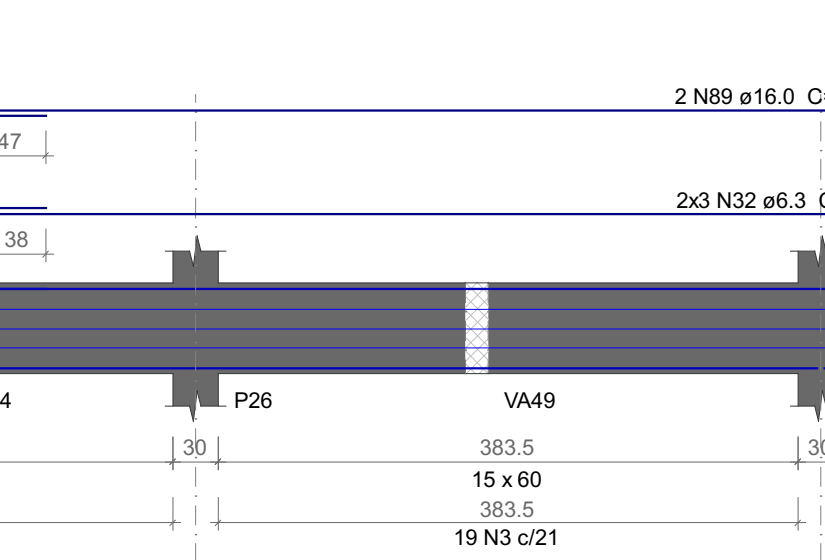
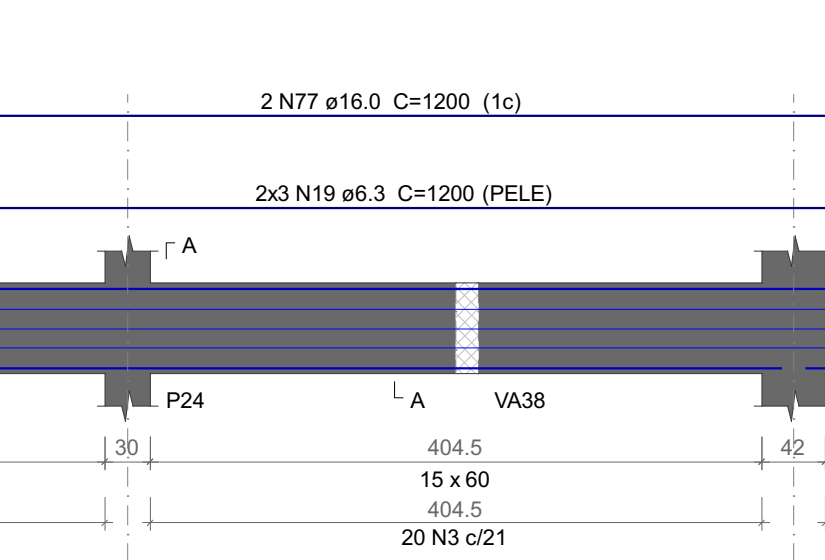
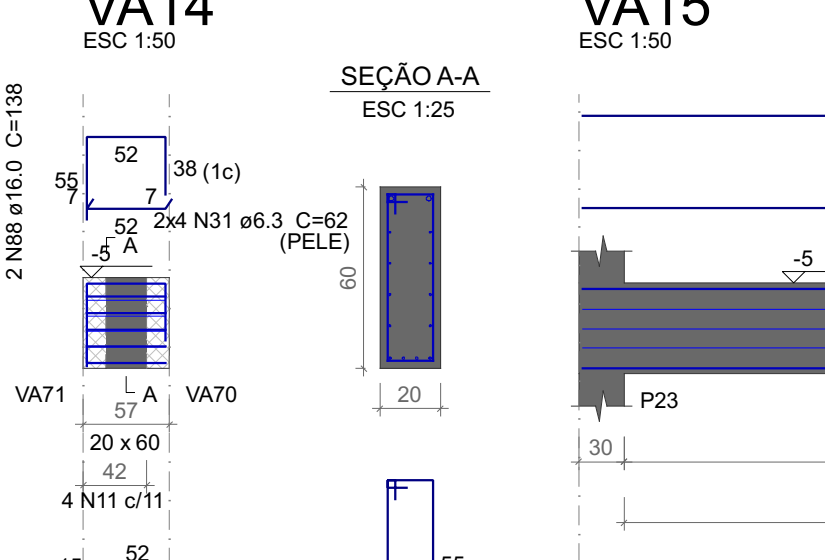
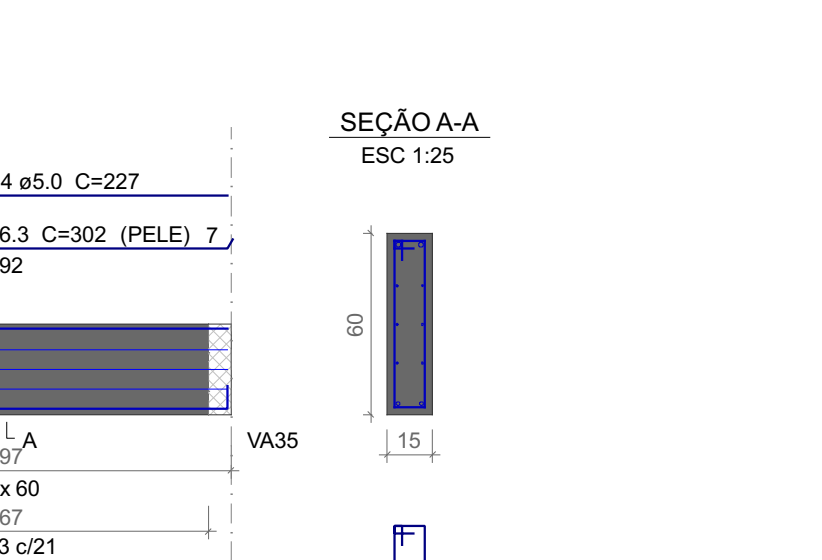
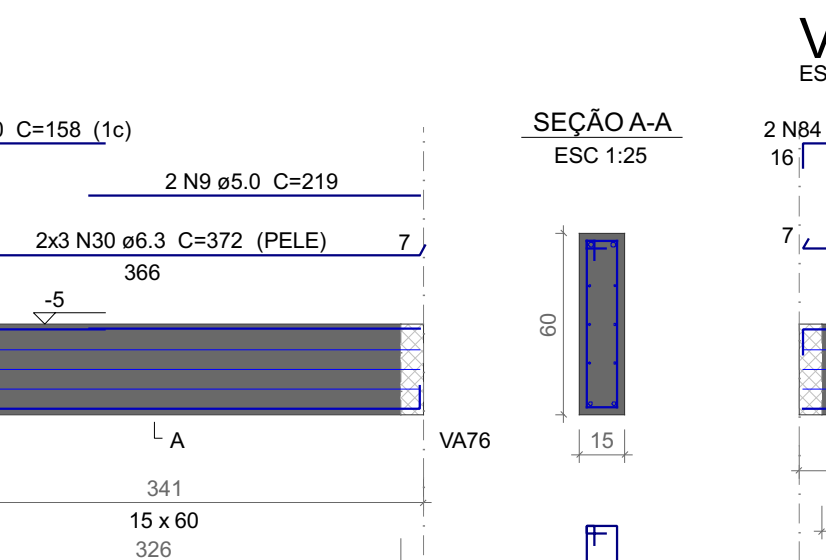
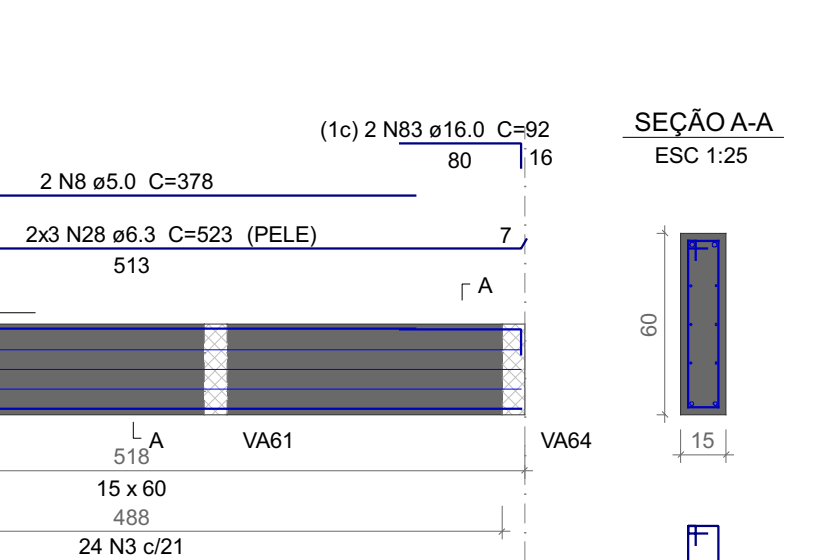
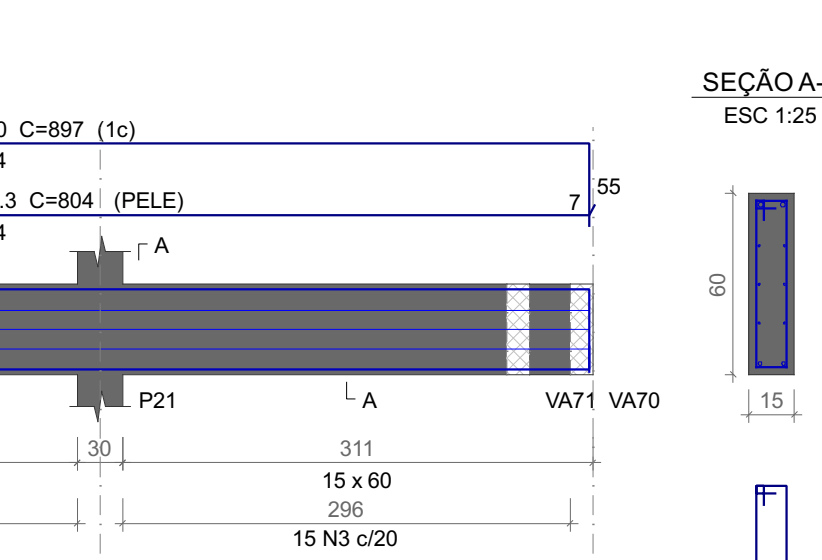
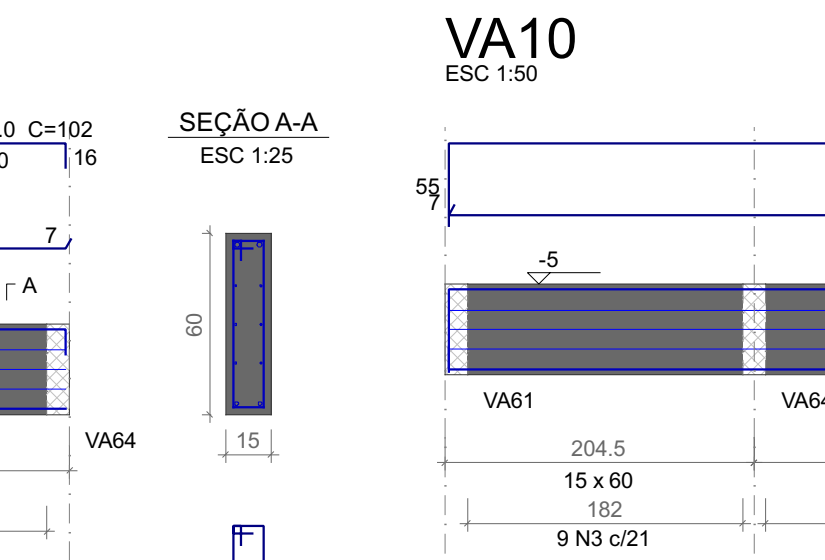
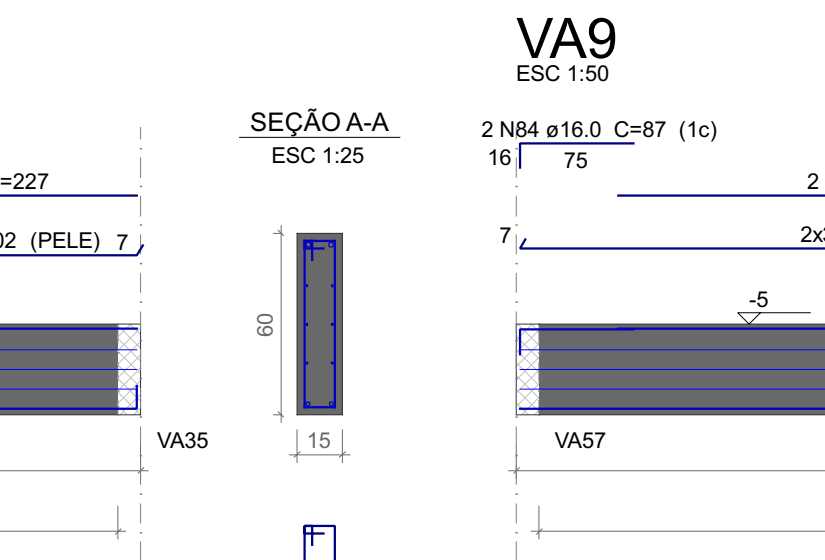
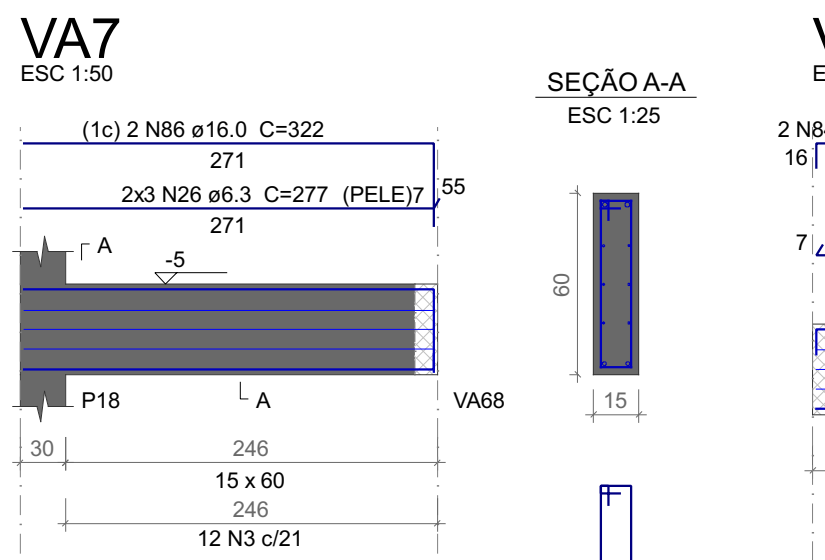
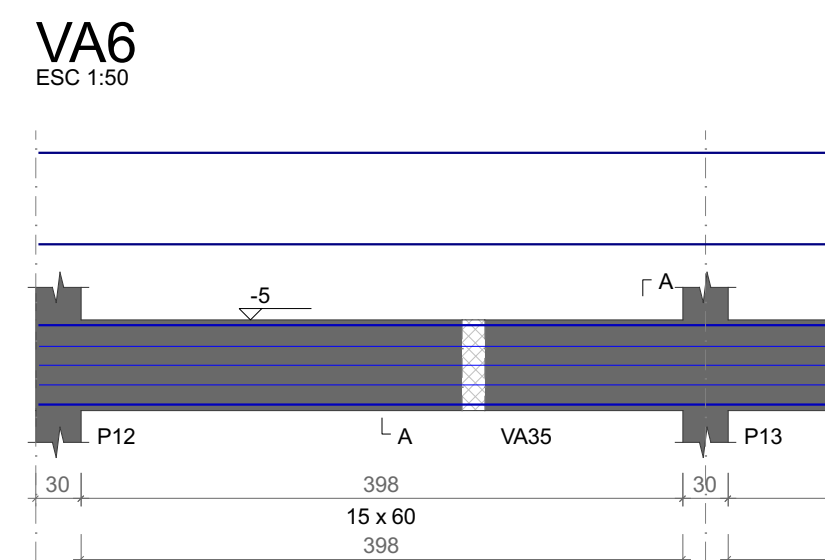
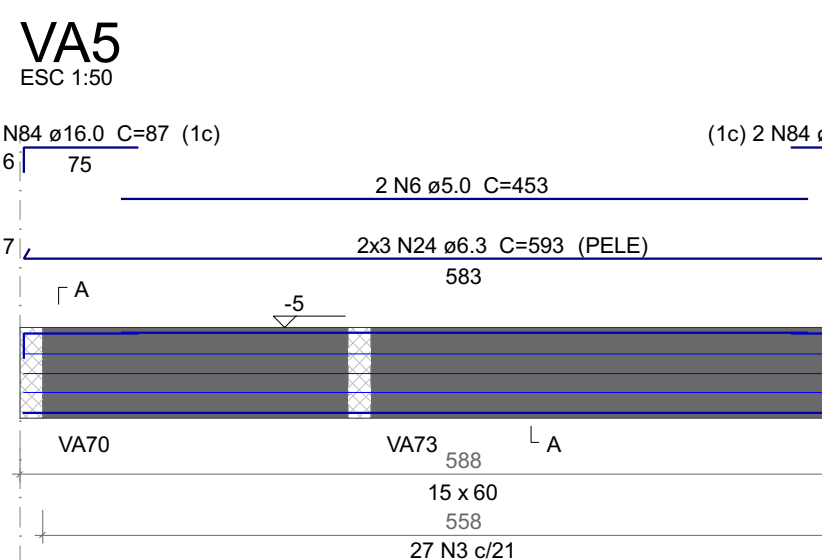
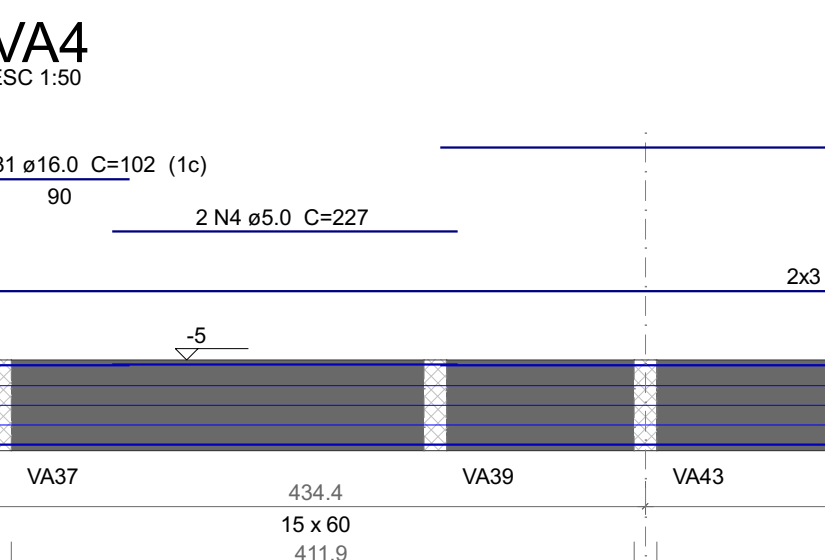
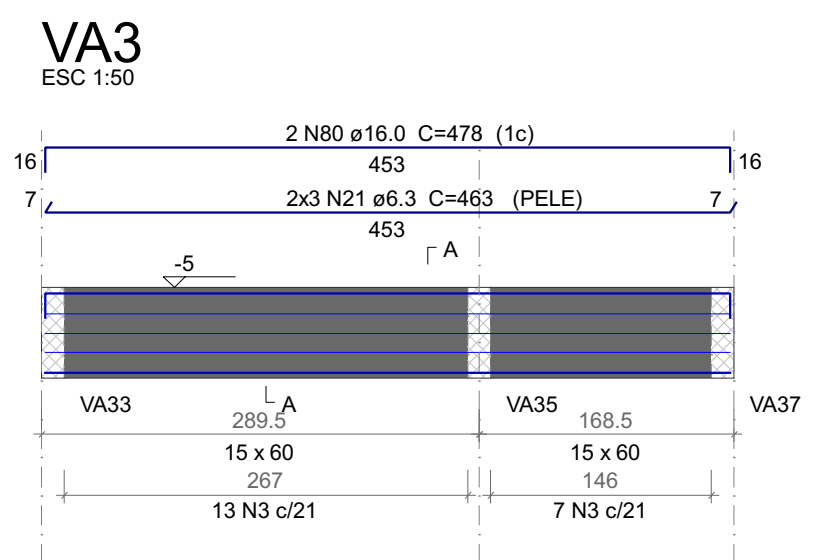
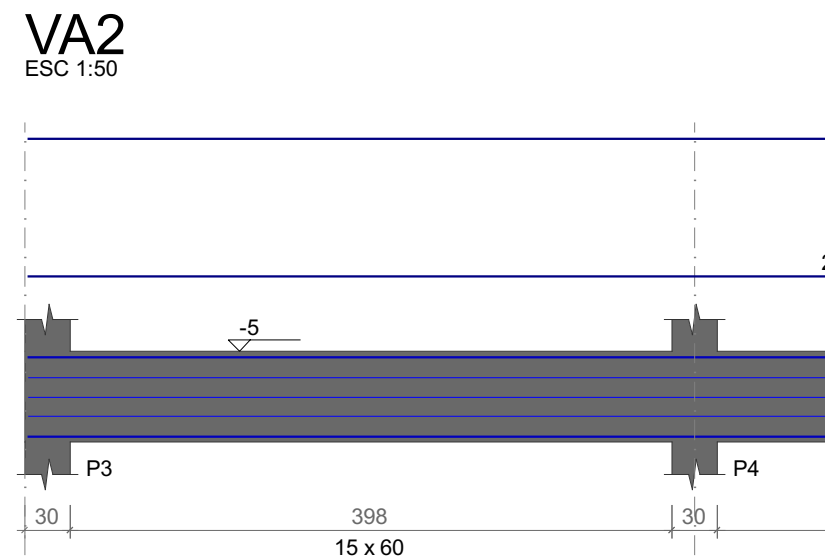
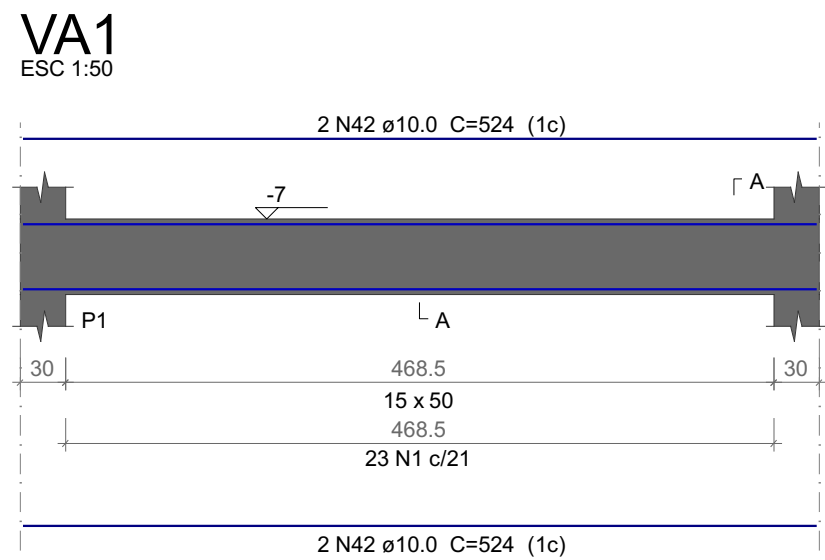


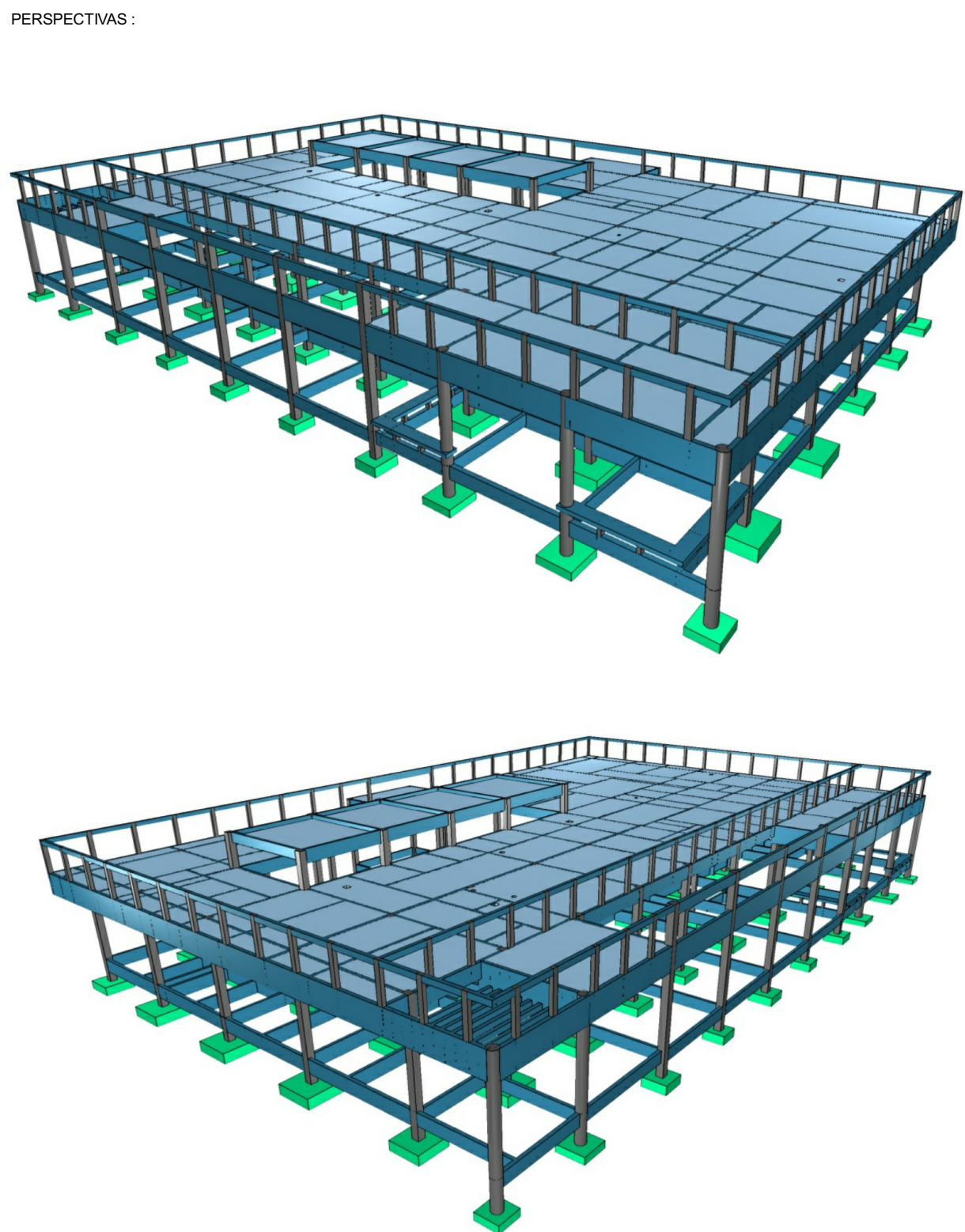


Relação do aço

ACO	N	DIAM (mm)	QUANT	C.UNIT (m)	C.TOTAL (m)
CA60	1	6.0	166	121	20086
	2	5.0	2	263	526
	3	6.0	900	141	140013
	4	5.0	6	227	1362
	5	5.0	2	341	682
	6	5.0	2	453	906
	7	5.0	2	398	796
	8	5.0	2	378	756
	9	5.0	2	219	438
	10	5.0	4	132	528
	11	5.0	129	151	19479
	12	5.0	2	236	472
	13	5.0	4	323	1292
	14	5.0	2	422	844
	15	5.0	2	174	348
	16	5.0	2	252	504
	17	5.0	2	238	476
	18	5.0	2	301	602
	19	6.3	50	1200	60000
	20	6.3	6	394	2364
	21	6.3	18	463	8334
	22	6.3	12	1199	14388
	23	6.3	6	133	798
	24	6.3	6	593	3558
	25	6.3	6	3379	20274
	26	6.3	6	277	1662
	27	6.3	12	302	3624
	28	6.3	12	523	6276
	29	6.3	6	804	4824
	30	6.3	12	372	4464
	31	6.3	6	62	372
	32	6.3	12	1090	12720
	33	6.3	12	4512	54144
	34	6.3	6	328	1968
	35	6.3	12	237	2844
	36	6.3	6	184	1104
	37	6.3	6	392	2352
	38	6.3	8	511	4088
	39	6.3	6	443	2658
	40	6.0	4	80	240
	41	8.0	2	383	766
	42	10.0	4	524	2096
	43	10.0	4	397	1588
	44	10.0	4	622	2488
	45	10.0	2	1200	2400
	46	10.0	2	698	1396
	47	10.0	2	428	856
	48	10.0	2	448	896
	49	12.5	8	873	6984
	50	12.5	4	833	3332
	51	12.5	4	860	3440
	52	12.5	2	1185	2370
	53	12.5	6	453	2718
	54	12.5	2	881	1762
	55	12.5	2	431	862
	56	12.5	4	583	2332
	57	12.5	2	148	148
	58	12.5	2	278	556
	59	12.5	4	304	1216
	60	12.5	4	513	2052
	61	12.5	2	818	1636
	62	12.5	6	378	2268
	63	12.5	2	821	1642
	64	12.5	4	507	2028
	65	12.5	2	366	732
	66	12.5	2	1560	3120
	67	12.5	1	372	372
	68	12.5	2	609	1218
	69	12.5	2	227	454
	70	12.5	2	198	396
	71	12.5	2	382	764
	72	12.5	2	220	440
	73	12.5	2	1085	2170
	74	12.5	2	299	598
	75	12.5	2	445	890
	76	12.5	2	239	478
	77	16.0	12	1200	14400
	78	16.0	2	1184	2368
	79	16.0	2	158	316
	80	16.0	2	478	956
	81	16.0	4	102	408
	82	16.0	2	684	1368
	83	16.0	4	92	368
	84	16.0	32	67	2144
	85	16.0	2	553	1106
	86	16.0	2	322	644
	87	16.0	2	897	1794
	88	16.0	2	138	276
	89	16.0	2	109	218
	90	16.0	2	996	1992
	91	16.0	2	252	504
	92	16.0	2	1109	2218
	93	16.0	1	230	230
	94	16.0	2	202	404
	95	16.0	2	187	374
	96	16.0	2	469	938
	99	16.0	2	291	582

Resumo do aço

ACO	DIAM (mm)	C. TOTAL (m)	PESO ± 10% (kg)
CA60	6.3	1463.1	303.8
	5.0	10.1	4.4
	10.0	109.8	102.3
	12.5	474.7	903
	16.0	306.6	671.3
	8.0	1992.9	322.6
PESO TOTAL			1754.4
VOLUME			1675
CABO			322.6
Área de forma			338.34 m²



DETALHES ORIENTATIVOS:

ORIENTAÇÕES CONSTRUTIVAS:

1. CONCRETO Fck=25 MPa (30 kgf/cm²); FATOR AJUSTAMENTO MÁXIMO = 0.60; CONSUMO MÍNIMO DE CIMENTO = 300 kg/m³; CLASSE DE RESISTÊNCIA À TRACÇÃO: Fct=1.5 MPa (15 kgf/cm²); DIMENSÃO