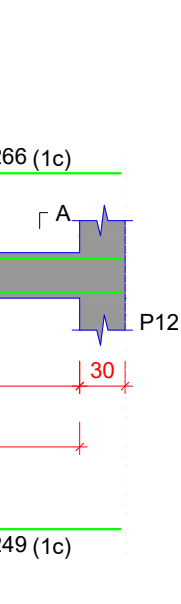
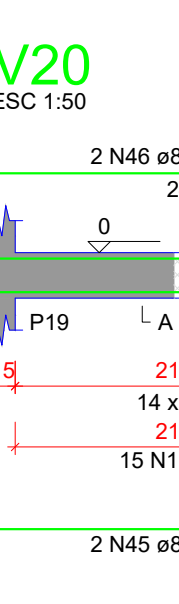
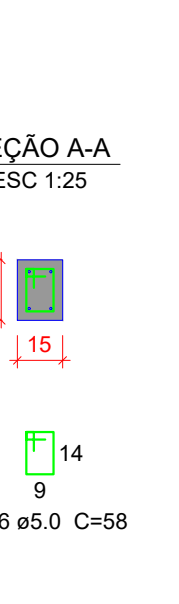
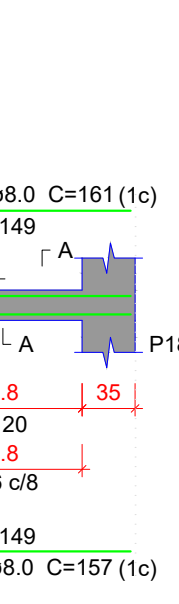
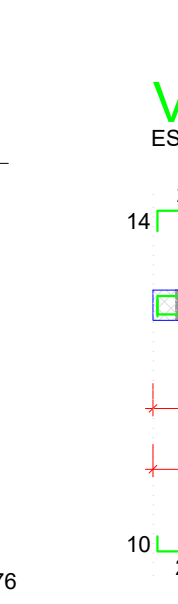
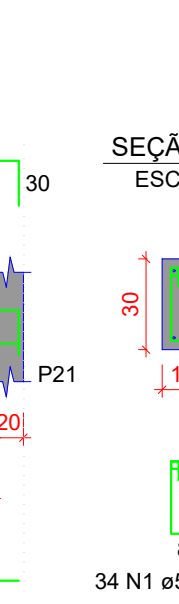
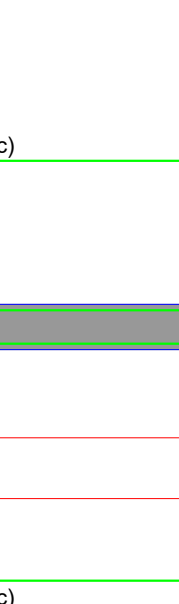
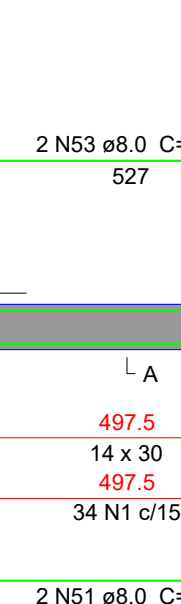
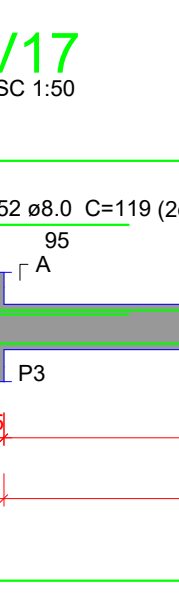
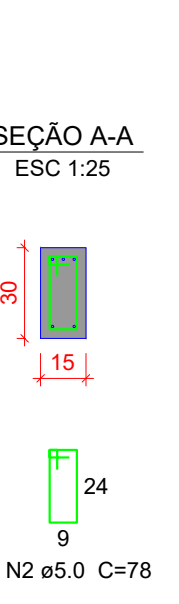


Relação do aço					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	524	76	39824
	68	5.0	2	790	1580
CA50	6	5.0	311	58	18038
	7	8.0	2	497	994
CA50	8	8.0	2	504	1008
	9	8.0	2	979	1958
CA50	10	8.0	2	980	1960
	11	8.0	1	102	102
CA50	12	8.0	1	200	200
	13	8.0	2	180	360
CA50	14	8.0	1	117	117
	15	8.0	2	1200	2400
CA50	16	8.0	2	783	1566
	17	8.0	4	309	1236
CA50	18	8.0	2	334	668
	19	8.0	2	335	670
CA50	20	8.0	2	196	392
	21	8.0	2	227	454
CA50	22	8.0	2	188	376
	23	8.0	2	213	426
CA50	24	8.0	2	1002	2004
	25	8.0	2	995	1990
CA50	26	8.0	1	125	125
	27	8.0	2	155	310
CA50	28	8.0	1	160	160
	29	8.0	2	1198	2396
CA50	30	8.0	2	821	1642
	31	8.0	4	967	3868
CA50	32	8.0	2	1198	2396
	33	8.0	2	841	1682
CA50	34	8.0	2	140	280
	35	8.0	2	152	304
CA50	36	8.0	6	849	5094
	37	8.0	2	532	1064
CA50	38	8.0	1	121	121
	39	8.0	1	80	80
CA50	40	8.0	2	565	1130
	41	8.0	4	157	628
CA50	42	8.0	4	161	644
	43	8.0	6	857	5142
CA50	44	8.0	4	249	996
	45	8.0	4	266	1064
CA50	46	8.0	2	137	274
	47	8.0	2	167	334
CA50	48	8.0	1	553	553
	49	8.0	2	898	1796
CA50	50	8.0	2	527	1054
	51	8.0	1	119	119
CA50	52	8.0	2	579	1158
	53	8.0	2	136	272
CA50	54	8.0	2	152	304
	55	8.0	2	152	304
CA50	56	8.0	2	174	348
	57	8.0	2	729	1458
CA50	58	8.0	2	530	1060
	59	8.0	2	546	1092
CA50	60	8.0	2	996	1992
	61	10.0	2	890	1780
CA50	62	10.0	2	759	1518

Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	581.4	252.3
CA60	10.0	117.3	79.5
CA60	5.0	827.7	140.3
PESO TOTAL (kg)			
CA50	331.8		
CA60	140.3		

Volume de concreto (C-25) = 6.5 m³
Área de forma = 113.09 m²



PROJETO ESTRUTURAL

OBRA: PROJETO ESTRUTURAL NOVAS SALAS CRECHE
ENDEREÇO: RUA EMERITA RUPP

RESPONSÁVEL TÉCNICO: GLACIANO DE OLIVEIRA CREA: PR 157785/O

FRANQUA: DETALHAMENTO VIGAS

PAVIMENTO: FUNDAÇÃO UNIDADE: CM CONJUNTO: 1

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE SÃO JORGE D'ESTE FOLHA: 6 / 11

DESENHO: GLACIANO DE OLIVEIRA DATA: 14/04/2022