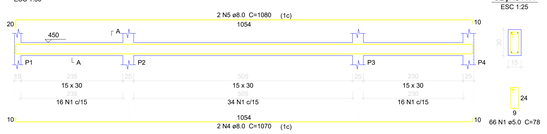
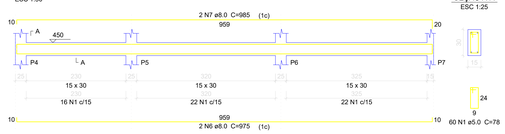
DETALHES DE VIGAS SUPERIOR

VS 1
ESC 1:50



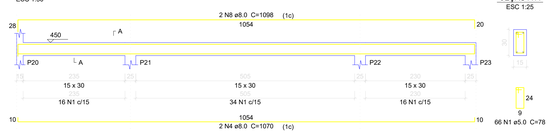
SEÇÃO A-A
ESC 1:25

VS 2
ESC 1:50



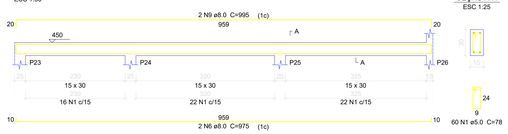
SEÇÃO A-A
ESC 1:25

VS 3
ESC 1:50



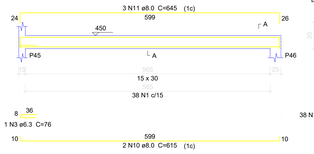
SEÇÃO A-A
ESC 1:25

VS 4
ESC 1:50



SEÇÃO A-A
ESC 1:25

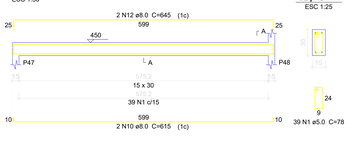
VS 5
ESC 1:50



SEÇÃO A-A
ESC 1:25

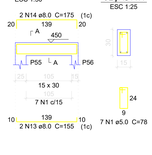


VS 6
ESC 1:50



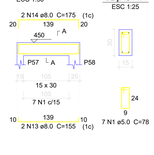
SEÇÃO A-A
ESC 1:25

VS 7
ESC 1:50



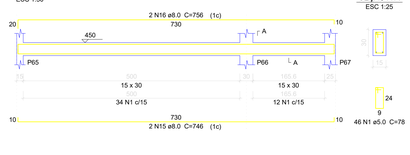
SEÇÃO A-A
ESC 1:25

VS 8
ESC 1:50



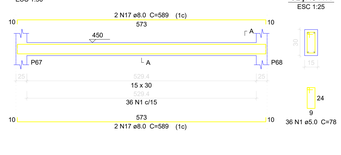
SEÇÃO A-A
ESC 1:25

VS 9
ESC 1:50



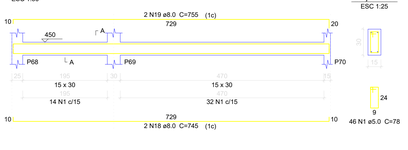
SEÇÃO A-A
ESC 1:25

VS 10
ESC 1:50



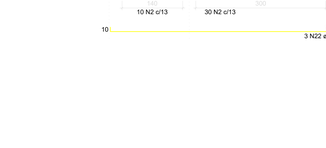
SEÇÃO A-A
ESC 1:25

VS 11
ESC 1:50



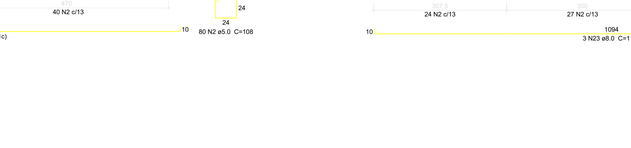
SEÇÃO A-A
ESC 1:25

VS 12
ESC 1:50



SEÇÃO A-A
ESC 1:25

VS 13
ESC 1:50



SEÇÃO A-A
ESC 1:25

VS 14
ESC 1:50



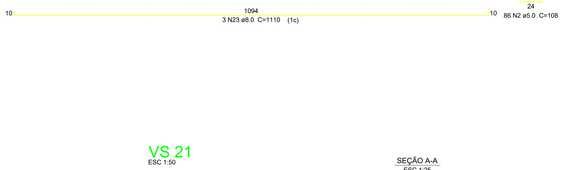
SEÇÃO A-A
ESC 1:25

VS 15
ESC 1:50



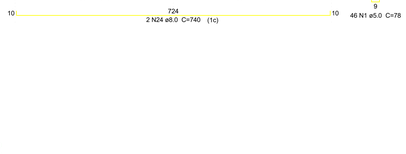
SEÇÃO A-A
ESC 1:25

VS 16
ESC 1:50



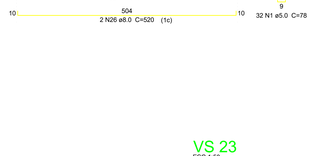
SEÇÃO A-A
ESC 1:25

VS 17
ESC 1:50



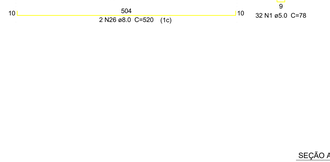
SEÇÃO A-A
ESC 1:25

VS 18
ESC 1:50



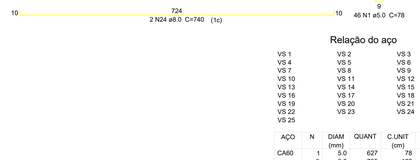
SEÇÃO A-A
ESC 1:25

VS 19
ESC 1:50



SEÇÃO A-A
ESC 1:25

VS 20
ESC 1:50



SEÇÃO A-A
ESC 1:25

VS 21
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS 22
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS 23
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS 24
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS 25
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VS 1	VS 2	VS 3
VS 4	VS 5	VS 6
VS 7	VS 8	VS 9
VS 10	VS 11	VS 12
VS 13	VS 14	VS 15
VS 16	VS 17	VS 18
VS 19	VS 20	VS 21
VS 22	VS 23	VS 24
VS 25		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	627	78	48906
	2	5.0	755	108	81540
CA50	3	6.3	1	76	76
	4	8.0	4	1070	4280
	5	8.0	2	1080	2160
	6	8.0	4	975	3900
	7	8.0	2	985	1970
	8	8.0	2	1098	2196
	9	8.0	2	995	1990
	10	8.0	4	615	2460
	11	8.0	3	645	1935
	12	8.0	2	645	1290
	13	8.0	4	155	620
	14	8.0	4	175	700
	15	8.0	2	746	1492
	16	8.0	2	756	1512
	17	8.0	4	589	2356
	18	8.0	2	745	1490
	19	8.0	2	755	1510
	20	8.0	12	525	6300
	21	8.0	1	385	385
	22	8.0	20	1035	20700
	23	8.0	12	1110	13320
	24	8.0	4	740	2960
	25	8.0	4	760	3040
	26	8.0	4	520	2080
	27	8.0	4	540	2160
	28	8.0	2	465	930
	29	8.0	2	1195	2390
	30	10.0	2	1194	2388
	31	10.0	4	1092	4368
	32	10.0	4	232	928
	33	10.0	1	310	310
	34	10.0	3	1081	3243
	35	10.0	4	1094	4376
	36	10.0	4	228	912

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	0.8	0.2
	8.0	861.3	374.3
	10.0	165.3	112.1
CA60	5.0	1304.5	220.9

PESO TOTAL (kg)

CA50	486.6
CA60	220.9

Volume de concreto (C-25) = 12.81 m³
Área de forma = 169.85 m²

PROJETO ESTRUTURAL

MUNICÍPIO DE INÁCIO MARTINS

OBRA: CENTRO DE CONVIVENCIA DO IDOSO

TÍTULO: • Detalhes de Vigas Intermediarias

DATA: NOV/2025

ÁREA TOTAL: 1000.00 m²

ESCALA: INDICADA

FOL: 09 / 11

MUNICÍPIO DE INÁCIO MARTINS
PROPRIETÁRIO

EDSON DOS SANTOS PERI
CREA-PR-130743/D