Relação do aço

V16 V17 V18
V19 V20 V21
V22 V23 V24
V25 V26 V27
V28 V29 V30
V31 V32

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	414	828
	2	5.0	175	130	22750
	3	5.0	2	308	616
	4	5.0	119	110	13090
	5	5.0	2	270	540
	6	5.0	42	90	3780
	7	5.0	2	486	972
	8	5.0	2	235	470
	9	5.0	2	292	584
	10	5.0	2	263	526
	11	5.0	2	368	736
	12	5.0	2	248	496
	13	5.0	104	140	14560
	14	5.0	2	295	590
	15	5.0	2	333	666
	16	5.0	4	328	1312
	17	5.0	32	70	2240
CA50	18	6.3	6	CORR	4716
	19	6.3	1	66	66
	20	6.3	48	CORR	30336
	21	6.3	12	CORR	2604
	22	6.3	6	CORR	2472
	23	8.0	1	131	131
	24	8.0	2	176	352
	25	8.0	2	280	560
	26	8.0	2	324	648
	27	10.0	1	499	499
	28	10.0	2	796	1592
	29	10.0	1	166	166
	30	10.0	2	231	462
	31	10.0	1	157	157
	32	10.0	2	222	444
	33	10.0	1	343	343
	34	10.0	2	651	1302
	35	10.0	2	168	336
	36	10.0	2	218	436
	37	10.0	1	355	355
	38	10.0	7	642	4494
	39	10.0	1	153	153
	40	10.0	2	183	366
	41	10.0	1	315	315
	42	10.0	2	191	382
	43	10.0	2	236	472
	44	10.0	2	180	360
	45	10.0	2	240	480
	46	10.0	2	292	584
	47	10.0	1	162	162
	48	10.0	2	207	414
	49	10.0	6	632	3792
	50	10.0	2	146	292
	51	10.0	2	194	388
	52	10.0	1	420	420
	53	10.0	2	196	392
	54	10.0	2	151	302
	55	10.0	1	360	360
	56	10.0	4	842	3368
	57	10.0	4	188	752
	58	10.0	4	401	1604
	59	10.0	2	412	824
	60	10.0	2	465	930
	61	10.0	2	527	1054
	62	10.0	2	546	1092
	63	12.5	2	161	322
	64	12.5	2	226	452
	65	12.5	2	225	450
	66	12.5	1	398	398
	67	12.5	4	644	2576
	68	12.5	2	632	1264
	69	12.5	1	167	167
	70	12.5	2	225	450
	71	12.5	2	206	412
	72	12.5	1	162	162
	73	12.5	2	245	490
	74	12.5	1	360	360
	75	12.5	2	216	432
	76	12.5	2	210	420
	77	12.5	1	137	137
	78	12.5	1	121	121
	79	12.5	2	643	1286

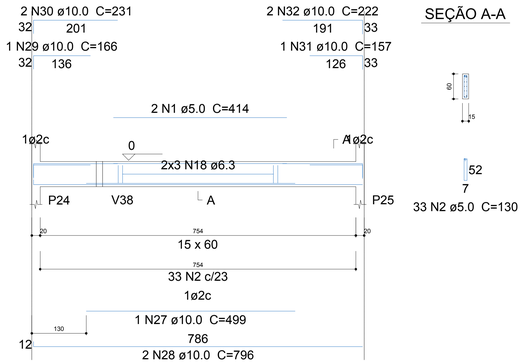
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	402	108.2
	8.0	17	7.3
	10.0	298.5	202.4
	12.5	99	104.9
CA60	5.0	647.6	109.8

PESO TOTAL (kg)	
CA50	422.8
CA60	109.8

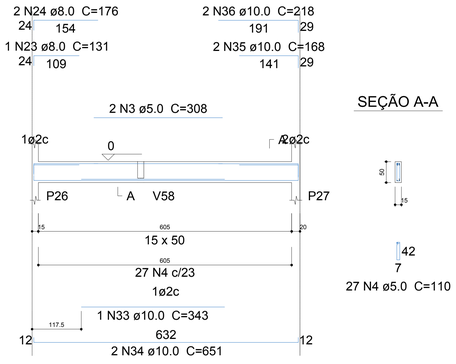
Volume de concreto (C-30) = 9.02 m³
Área de forma = 129.14 m²

V16



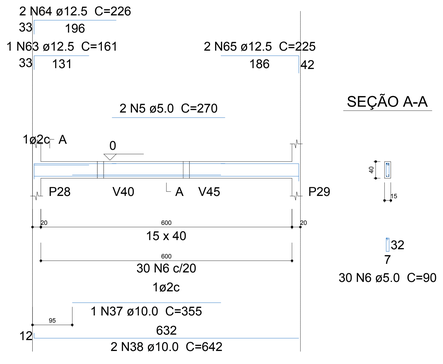
SEÇÃO A-A

V17



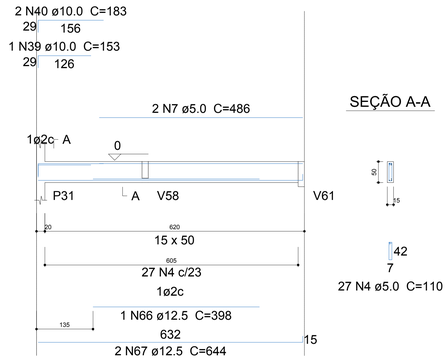
SEÇÃO A-A

V18



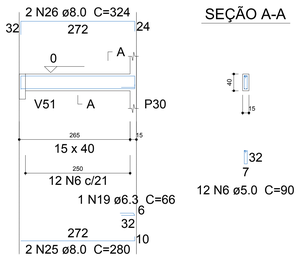
SEÇÃO A-A

V19



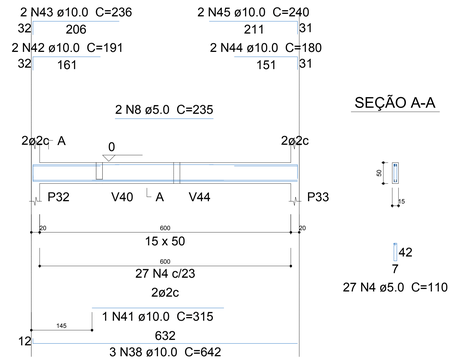
SEÇÃO A-A

V20



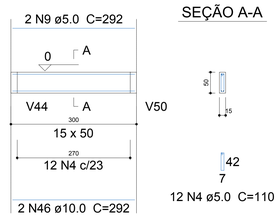
SEÇÃO A-A

V21



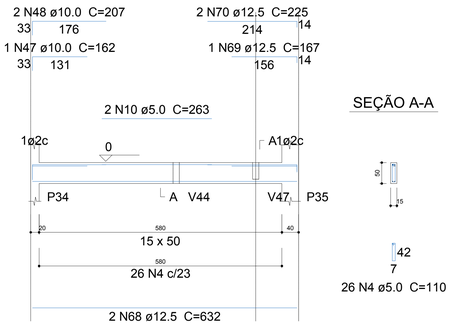
SEÇÃO A-A

V22



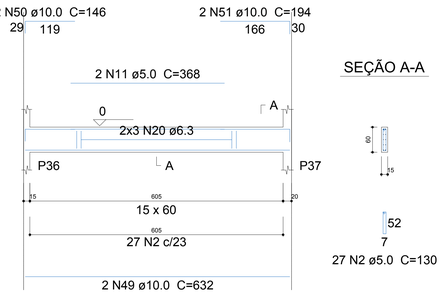
SEÇÃO A-A

V23



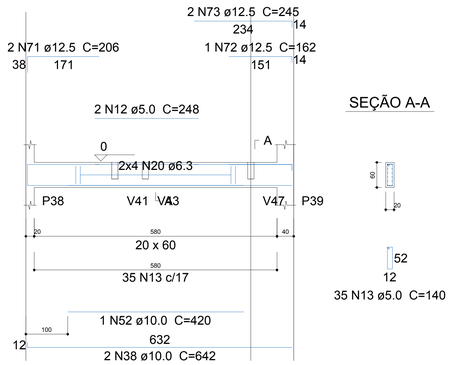
SEÇÃO A-A

V24



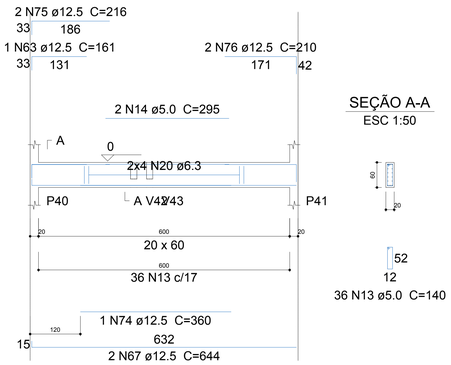
SEÇÃO A-A

V25



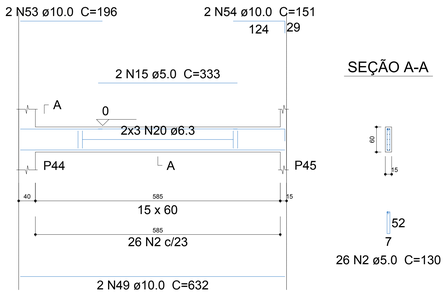
SEÇÃO A-A

V26



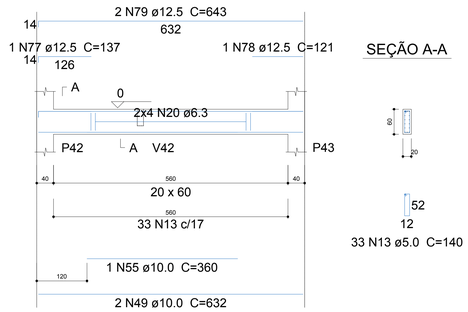
SEÇÃO A-A
ESC 1:50

V27



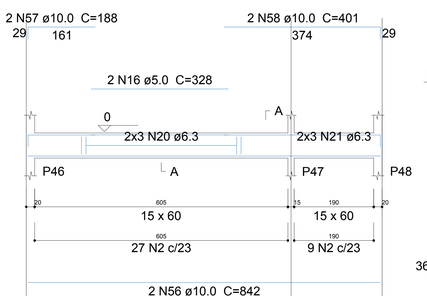
SEÇÃO A-A

V28

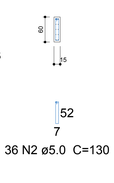


SEÇÃO A-A

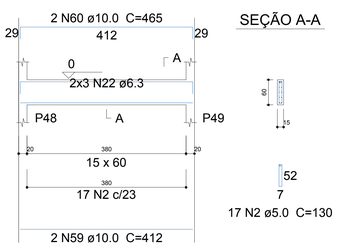
V29



SEÇÃO A-A

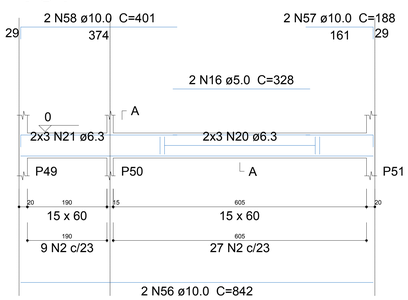


V30

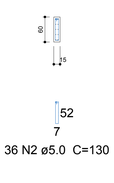


SEÇÃO A-A

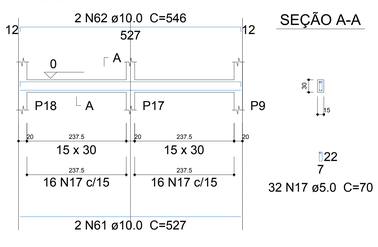
V31



SEÇÃO A-A



V32



SEÇÃO A-A

05 Vigas Baldrame
Escala: 1/50

Engeobra
CREA SC 158.454-9
ENGENHARIA E INFRAESTRUTURA
Rua Primo Tacca, 350, Bairro Tacca – Caibi/SC
E-mail: engenheiro@engeobra@gmail.com Cel: (49) 9 9976-0226

OBRA:
Centro Municipal de Educação Infantil ABC

LOCAL:
Rua Helena Bigaton, Bairro da Gruta – Caibi – SC

PROJETO:
ESTRUTURAL

ESPECIFICAÇÕES:
- Vigas Baldrame

DATA: 12/2021
DESENHO: T.L.
AREA: 1.087,69 m²
PRANCHA: 05 /19
ESCALA: Indicada

Projeto:
Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:04112249227
Dados: 2021.12.23 11:28:26 -03'00'
SAMUEL SPESSATTO OUTEIRO
Engº Civil– CREA SC 133319-7

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