Relação do aço

V13 V15 V17
V18 V19 V20
V21 V22 V23
V25 V27 V28
V29 V30 V31
V32 V33 V34
V35

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	448	98	43904
	2	5.0	2	125	250
	3	5.0	14	78	1092
	4	5.0	2	220	440
	5	5.0	2	237	474
	6	5.0	2	264	528
CA50	7	6.3	2	76	152
	8	8.0	1	508	508
	9	8.0	2	828	1656
	10	8.0	2	352	704
	11	8.0	3	971	2913
	12	8.0	2	302	604
	13	8.0	2	125	250
	14	8.0	1	180	180
	15	8.0	2	725	1450
	16	8.0	1	536	536
	17	8.0	2	1133	2266
	18	8.0	2	180	360
	19	8.0	2	222	444
	20	8.0	2	140	280
	21	8.0	2	141	282
	22	8.0	2	167	334
	23	8.0	2	369	738
	24	8.0	1	142	142
	25	8.0	2	284	568
	26	8.0	2	182	364
	27	8.0	2	731	1462
	28	10.0	2	812	1624
	29	10.0	2	805	1610
	30	10.0	2	841	1682
	31	10.0	2	321	642
	32	10.0	2	971	1942
	33	10.0	2	1128	2256
	34	10.0	1	167	167
	35	10.0	1	210	210
	36	10.0	2	1147	2294
	37	10.0	1	196	196
	38	10.0	2	302	604
	39	10.0	2	725	1450
	40	10.0	2	1133	2266
	41	10.0	2	324	648
	42	10.0	2	319	638
	43	10.0	2	227	454
	44	10.0	2	628	1256
	45	10.0	2	135	270
	46	10.0	2	716	1432
	47	10.0	2	1061	2122
	48	10.0	2	187	374
	49	10.0	2	220	440
	50	12.5	2	600	1200
	51	12.5	2	647	1294
	52	12.5	2	218	436
	53	12.5	1	157	157
	54	12.5	2	204	408
	55	12.5	1	265	265
	56	12.5	2	621	1242

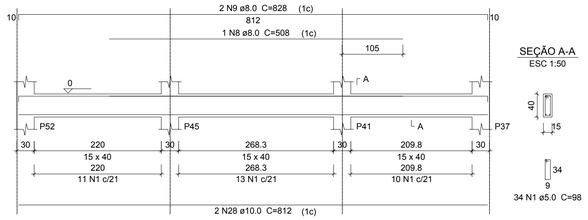
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	1.6	0.4
	8.0	160.5	63.3
	10.0	245.8	151.5
	12.5	50.1	48.2
CA60	5.0	466.9	72

PESO TOTAL (kg)	
CA50	263.4
CA60	72

Volume de concreto (C-25) = 6.37 m³
Área de forma = 101 m²

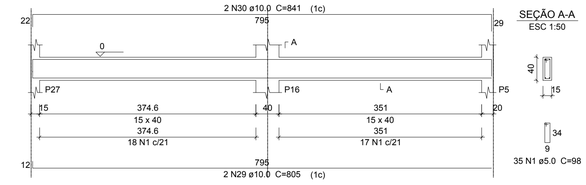
V13
ESC 1:50



SEÇÃO A-A
ESC 1:50

34 N1 ø5.0 C=98

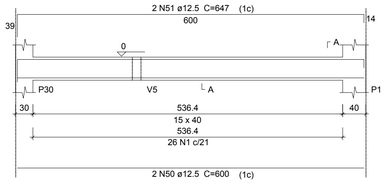
V15
ESC 1:50



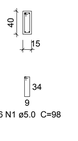
SEÇÃO A-A
ESC 1:50

35 N1 ø5.0 C=98

V17
ESC 1:50

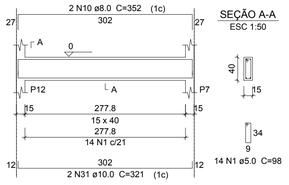


SEÇÃO A-A
ESC 1:50



26 N1 ø5.0 C=98

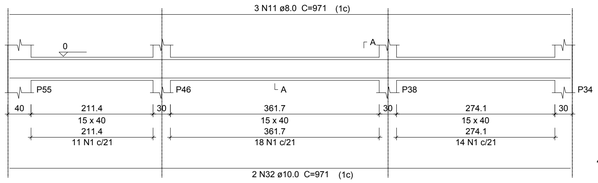
V20
ESC 1:50



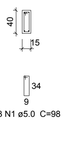
SEÇÃO A-A
ESC 1:50

14 N1 ø5.0 C=98

V18
ESC 1:50

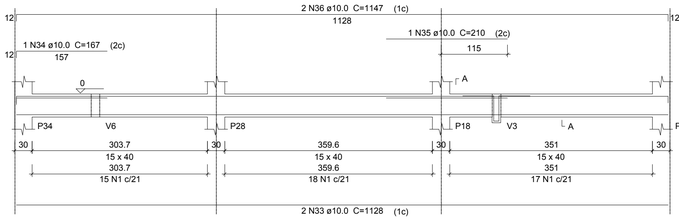


SEÇÃO A-A
ESC 1:50

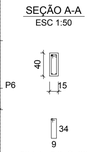


43 N1 ø5.0 C=98

V19
ESC 1:50



SEÇÃO A-A
ESC 1:50



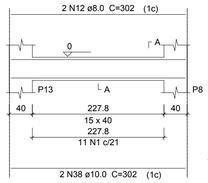
50 N1 ø5.0 C=98

SUSPENSÃO V3
ESC 1:50

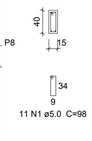


1 N37 ø10.0 C=196

V21
ESC 1:50

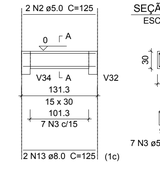


SEÇÃO A-A
ESC 1:50



11 N1 ø5.0 C=98

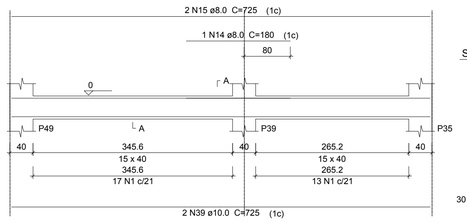
V29
ESC 1:50



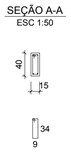
SEÇÃO A-A
ESC 1:50

7 N3 ø5.0 C=78

V22
ESC 1:50

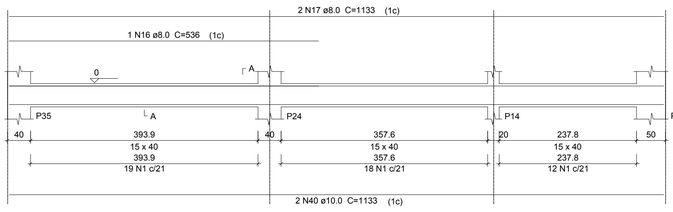


SEÇÃO A-A
ESC 1:50

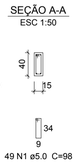


30 N1 ø5.0 C=98

V23
ESC 1:50

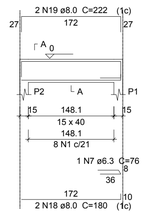


SEÇÃO A-A
ESC 1:50

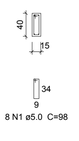


49 N1 ø5.0 C=98

V25
ESC 1:50

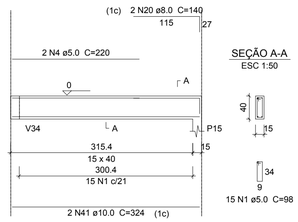


SEÇÃO A-A
ESC 1:50



8 N1 ø5.0 C=98

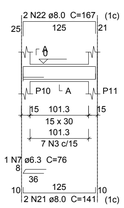
V27
ESC 1:50



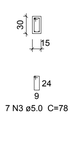
SEÇÃO A-A
ESC 1:50

15 N1 ø5.0 C=98

V28
ESC 1:50

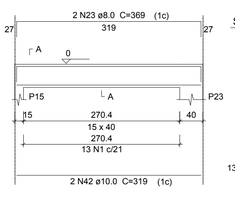


SEÇÃO A-A
ESC 1:50

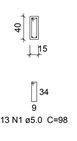


7 N3 ø5.0 C=78

V30
ESC 1:50

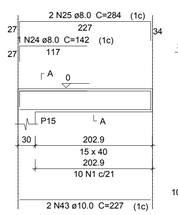


SEÇÃO A-A
ESC 1:50



13 N1 ø5.0 C=98

V31
ESC 1:50

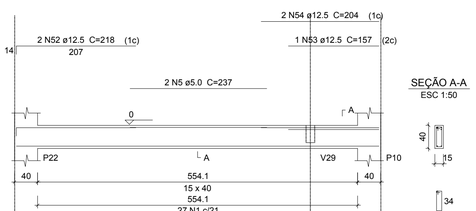


SEÇÃO A-A
ESC 1:50



10 N1 ø5.0 C=98

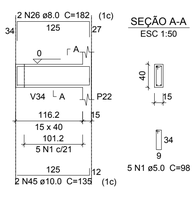
V32
ESC 1:50



SEÇÃO A-A
ESC 1:50

27 N1 ø5.0 C=98

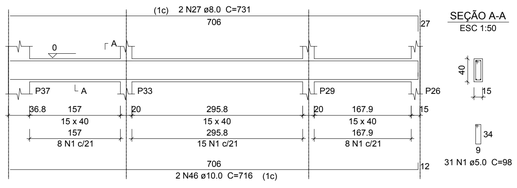
V33
ESC 1:50



SEÇÃO A-A
ESC 1:50

5 N1 ø5.0 C=98

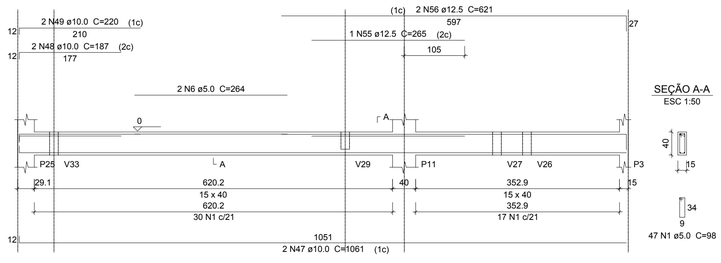
V35
ESC 1:50



SEÇÃO A-A
ESC 1:50

31 N1 ø5.0 C=98

V34
ESC 1:50



SEÇÃO A-A
ESC 1:50

47 N1 ø5.0 C=98

11 VIGAS BALDRAME
ESCALA: 1/50

Engeobra
CREA SC 158.454-0
ENGENHARIA E INFRAESTRUTURA

Rua Primo Tacca, 350, Bairro Tacca - Xanxerê- SC
E-mail:engenharia.engeobra@gmail.com Cel: (49) 9 9976-0226

OBRA:
CENTRO DO IDOSO

LOCAL:
Rua Avelino Lunardi - Bairro Guarany - Xaxim/SC

PROJETO:
ESTRUTURAL

ESPECIFICAÇÕES:
- Vigas do térreo

DATA: 09/2021
DESENHO: T.L
ÁREA: 651,58 m²
ESCALA: Indicada
PRANCHA: 08 /22

Projeto:
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SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:
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