Relação do aço

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16	V17	V18
V19	V20	V21
V22	V23	V24
V25	V26	V27
V28	V29	V30
V31	V32	V33
V34	V35	V36
V38	V39	V40
V41	V42	V43
V44	V45	V46

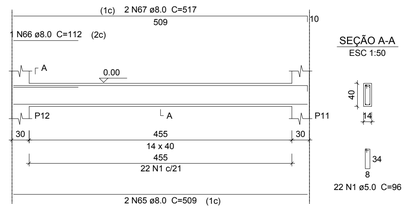
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	799	96	76704
	2	5.0	4	233	932
	3	5.0	2	272	544
	4	5.0	2	248	496
	5	5.0	2	247	494
	6	5.0	2	250	500
	7	5.0	2	267	534
	8	5.0	2	172	344
	9	5.0	4	223	892
	10	5.0	2	237	474
	11	5.0	2	424	848
CA50	12	6.3	9	73	657
	13	8.0	8	460	3680
	14	8.0	2	137	274
	15	8.0	2	476	952
	16	8.0	2	475	950
	17	8.0	2	132	264
	18	8.0	2	495	990
	19	8.0	2	468	936
	20	8.0	4	155	620
	21	8.0	2	505	1010
	22	8.0	2	467	934
	23	8.0	2	161	322
	24	8.0	2	506	1012
	25	8.0	8	459	3672
	26	8.0	2	129	258
	27	8.0	2	502	1004
	28	8.0	1	130	130
	29	8.0	2	500	1000
	30	8.0	2	452	904
	31	8.0	2	140	280
	32	8.0	4	240	960
	33	8.0	4	451	1804
	34	8.0	2	170	340
	35	8.0	2	502	1004
	36	8.0	1	131	131
	37	8.0	2	501	1002
	38	8.0	6	242	1452
	39	8.0	2	293	586
	40	8.0	1	116	116
	41	8.0	2	501	1002
	42	8.0	2	325	650
	43	8.0	2	358	716
	44	8.0	2	317	634
	45	8.0	1	124	124
	46	8.0	2	357	714
	47	8.0	1	310	310
	48	8.0	4	601	2404
	49	8.0	2	235	470
	50	8.0	1	122	122
	51	8.0	2	177	354
	52	8.0	8	459	3672
	53	8.0	6	204	1224
	54	8.0	4	529	2116
	55	8.0	2	125	250
	56	8.0	2	545	1090
	57	8.0	4	196	784
	58	8.0	1	265	265
	59	8.0	2	477	954
	60	8.0	1	220	220
	61	8.0	2	564	1128
	62	8.0	2	145	290
	63	8.0	4	150	600
	64	8.0	2	580	1160
	65	8.0	2	509	1018
	66	8.0	2	112	224
	67	8.0	4	517	2068
	68	8.0	2	180	360
	69	8.0	2	266	532
	70	8.0	4	223	892
	71	8.0	2	122	244
	72	8.0	2	311	622
	73	8.0	1	334	334
	74	8.0	2	343	686
	75	8.0	2	794	1588
	76	8.0	2	802	1604
	77	8.0	4	239	956
	78	8.0	2	532	1064
	79	8.0	2	160	320
	80	8.0	2	190	380
	81	8.0	2	462	924
	82	8.0	2	235	470
	83	8.0	1	158	158
	84	8.0	2	372	744
	85	8.0	2	157	314
	86	8.0	2	404	808
	87	8.0	1	89	89
	88	8.0	2	246	492
	89	8.0	2	269	538
	90	8.0	2	278	556
	91	8.0	2	494	988
	92	8.0	2	502	1004
	93	8.0	2	370	740
	94	8.0	2	154	308
	95	8.0	2	204	408
	96	8.0	4	324	1296
	97	8.0	2	323	646
	98	8.0	2	346	692
	99	10.0	1	160	160
	100	10.0	2	265	530
	101	10.0	2	493	986
	102	10.0	2	204	408
	103	10.0	1	159	159
	104	10.0	4	229	916
	105	10.0	1	137	137
	106	10.0	2	222	444
	107	10.0	2	275	550
	108	10.0	1	154	154
	109	12.5	2	231	462

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	6.6	1.8
	8.0	719.1	312.1
	10.0	44.5	30.1
	12.5	4.7	4.9
CA60	5.0	827.7	140.3
PESO TOTAL			
CA50	348.9		
CA60	140.3		

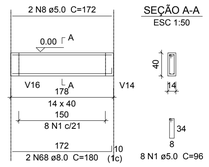
Vol. de concreto total (C-25) = 10.12 m³
Área de forma total = 169.83 m²

V25
ESC 1:50



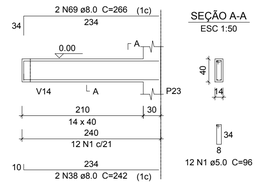
SEÇÃO A-A
ESC 1:50

V26
ESC 1:50



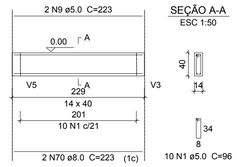
SEÇÃO A-A
ESC 1:50

V27
ESC 1:50



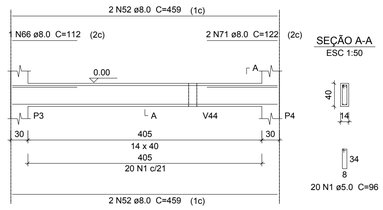
SEÇÃO A-A
ESC 1:50

V28
ESC 1:50



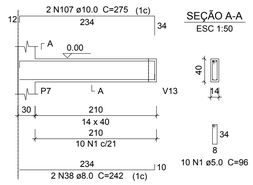
SEÇÃO A-A
ESC 1:50

V29
ESC 1:50



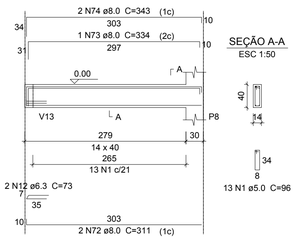
SEÇÃO A-A
ESC 1:50

V30
ESC 1:50



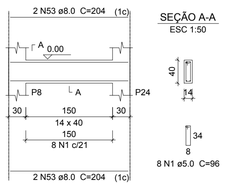
SEÇÃO A-A
ESC 1:50

V31
ESC 1:50



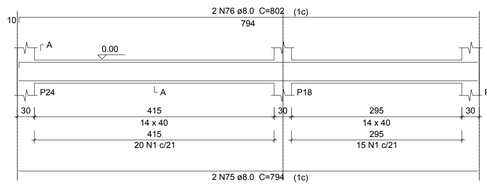
SEÇÃO A-A
ESC 1:50

V32
ESC 1:50

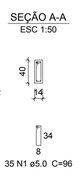


SEÇÃO A-A
ESC 1:50

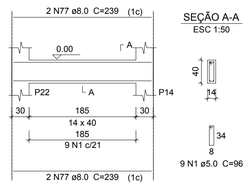
V33
ESC 1:50



SEÇÃO A-A
ESC 1:50

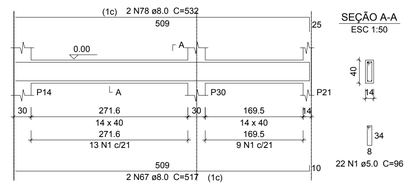


V34
ESC 1:50



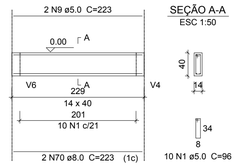
SEÇÃO A-A
ESC 1:50

V35
ESC 1:50



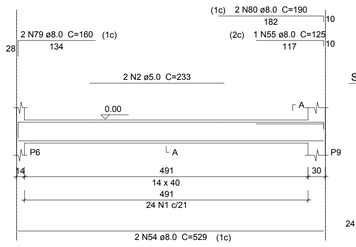
SEÇÃO A-A
ESC 1:50

V36
ESC 1:50

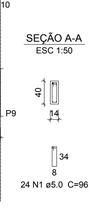


SEÇÃO A-A
ESC 1:50

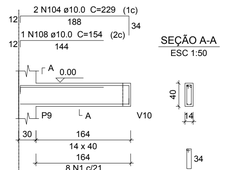
V38
ESC 1:50



SEÇÃO A-A
ESC 1:50

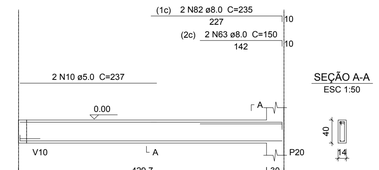


V39
ESC 1:50



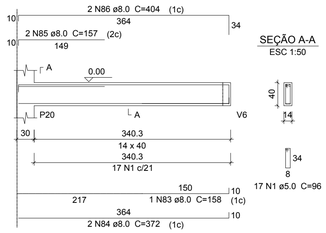
SEÇÃO A-A
ESC 1:50

V40
ESC 1:50



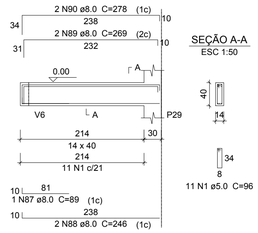
SEÇÃO A-A
ESC 1:50

V41
ESC 1:50



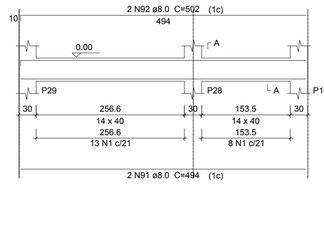
SEÇÃO A-A
ESC 1:50

V42
ESC 1:50

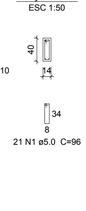


SEÇÃO A-A
ESC 1:50

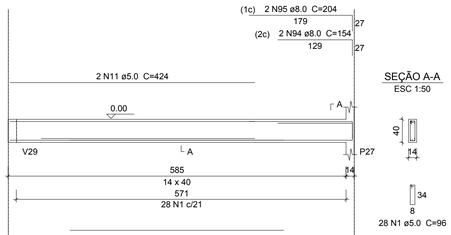
V43
ESC 1:50



SEÇÃO A-A
ESC 1:50

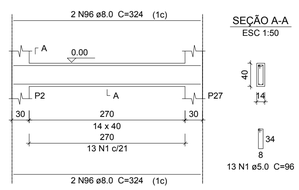


V44
ESC 1:50



SEÇÃO A-A
ESC 1:50

V45
ESC 1:50



SEÇÃO A-A
ESC 1:50

V46
ESC 1:50

SEÇÃO A-A
ESC 1:50

08 VIGAS BALDRAME
ESCALA: 1/50

APROVAÇÃO:

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: COMPLEXO ESPORTIVO

LOCAL: Rua Governador Irineu Bornhausen, Bairro Flor, Xaxim - SC

PROJETO: ESTRUTURAL

ESPECIFICAÇÕES:
- Vigas Baldrame

DATA: 04/2021

DESENHO: T.L

ÁREA: 313,76 m²

ESCALA: Indicada

PRANCHA: 05 /10

Projeto:

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Dados: 2021.04.26 13:24:44 -03'00'

SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:

EDILSON ANTONIO FOLLE:50959670904
Assinado de forma digital por EDILSON ANTONIO FOLLE:50959670904
Dados: 2021.04.26 14:46:50 -03'00'

PREFEITURA MUNICIPAL DE XAXIM