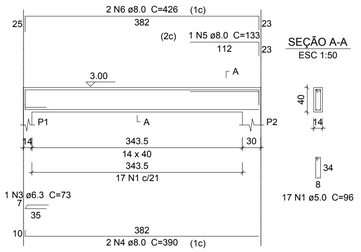
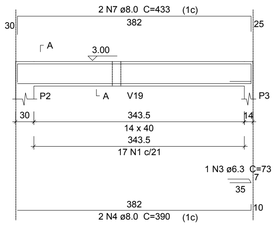
V1
ESC 1:50



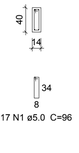
SEÇÃO A-A
ESC 1:50

17 N1 ø5.0 C=96

V2
ESC 1:50

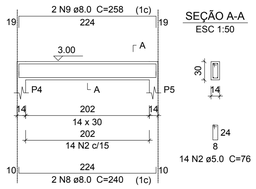


SEÇÃO A-A
ESC 1:50

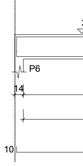


17 N1 ø5.0 C=96

V3
ESC 1:50



SEÇÃO A-A
ESC 1:50



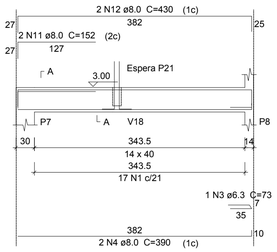
14 N2 ø5.0 C=76

V4
ESC 1:50

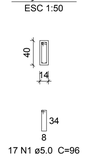
SEÇÃO A-A
ESC 1:50

17 N1 ø5.0 C=96

V5
ESC 1:50



SEÇÃO A-A
ESC 1:50



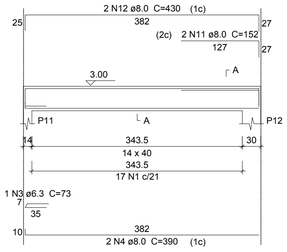
17 N1 ø5.0 C=96

ESPERA P21
ESC 1:50

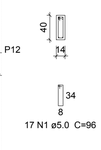


4 N2 ø5.0 c/12 C=76

V6
ESC 1:50

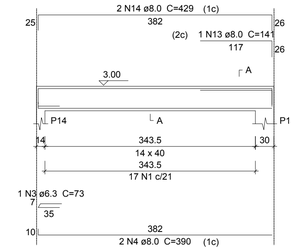


SEÇÃO A-A
ESC 1:50

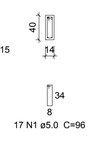


17 N1 ø5.0 C=96

V7
ESC 1:50

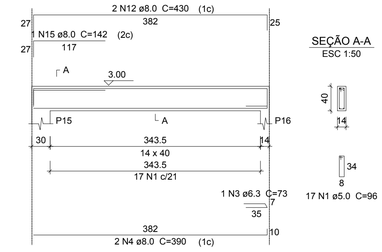


SEÇÃO A-A
ESC 1:50



17 N1 ø5.0 C=96

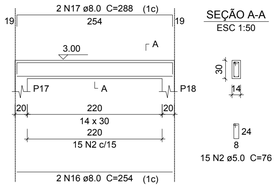
V8
ESC 1:50



SEÇÃO A-A
ESC 1:50

17 N1 ø5.0 C=96

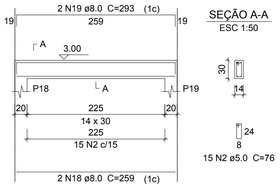
V9
ESC 1:50



SEÇÃO A-A
ESC 1:50

15 N2 ø5.0 C=76

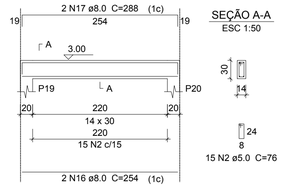
V10
ESC 1:50



SEÇÃO A-A
ESC 1:50

15 N2 ø5.0 C=76

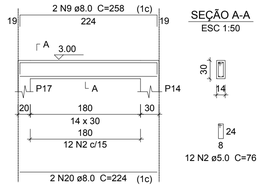
V11
ESC 1:50



SEÇÃO A-A
ESC 1:50

15 N2 ø5.0 C=76

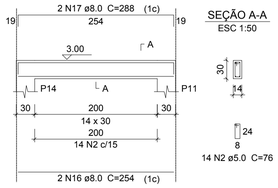
V12
ESC 1:50



SEÇÃO A-A
ESC 1:50

12 N2 ø5.0 C=76

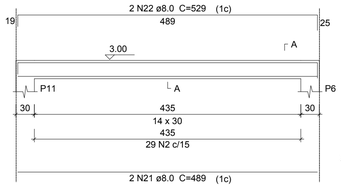
V13
ESC 1:50



SEÇÃO A-A
ESC 1:50

14 N2 ø5.0 C=76

V14
ESC 1:50

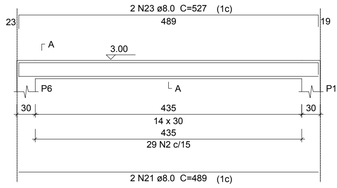


SEÇÃO A-A
ESC 1:50

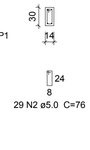


29 N2 ø5.0 C=76

V15
ESC 1:50

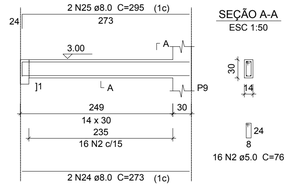


SEÇÃO A-A
ESC 1:50



29 N2 ø5.0 C=76

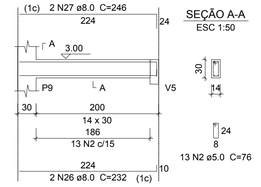
V16
ESC 1:50



SEÇÃO A-A
ESC 1:50

16 N2 ø5.0 C=76

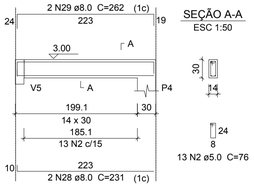
V17
ESC 1:50



SEÇÃO A-A
ESC 1:50

13 N2 ø5.0 C=76

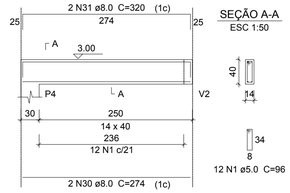
V18
ESC 1:50



SEÇÃO A-A
ESC 1:50

13 N2 ø5.0 C=76

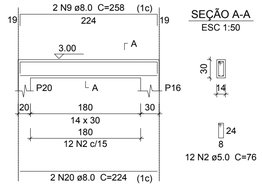
V19
ESC 1:50



SEÇÃO A-A
ESC 1:50

12 N1 ø5.0 C=96

V20
ESC 1:50



SEÇÃO A-A
ESC 1:50

12 N2 ø5.0 C=76

V21
ESC 1:50

SEÇÃO A-A
ESC 1:50

15 N2 ø5.0 C=76

V22
ESC 1:50

SEÇÃO A-A
ESC 1:50

11 N1 ø5.0 C=96

V23
ESC 1:50

SEÇÃO A-A
ESC 1:50

9 N1 ø5.0 C=96

V24
ESC 1:50

SEÇÃO A-A
ESC 1:50

13 N2 ø5.0 C=76

V25
ESC 1:50

SEÇÃO A-A
ESC 1:50

15 N2 ø5.0 C=76

]1
ESC 1:50

SEÇÃO A-A
ESC 1:50

17 N1 ø5.0 C=96

ESPERA P22
ESC 1:50

4 N2 ø5.0 c/12 C=76

10 VIGAS DE COBERTURA
ESCALA: 1/50

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	]1	

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	168	96	16128
	2	5.0	248	76	18848
CA50	3	6.3	7	73	511
	4	8.0	17	390	6630
	5	8.0	1	133	133
	6	8.0	2	426	852
	7	8.0	4	433	1732
	8	8.0	2	240	480
	9	8.0	6	258	1548
	10	8.0	2	165	330
	11	8.0	6	152	912
	12	8.0	8	430	3440
	13	8.0	1	141	141
	14	8.0	2	429	858
	15	8.0	1	142	142
	16	8.0	6	254	1524
	17	8.0	6	288	1728
	18	8.0	2	259	518
	19	8.0	2	293	586
	20	8.0	8	224	1792
	21	8.0	4	489	1956
	22	8.0	2	529	1058
	23	8.0	2	527	1054
	24	8.0	2	273	546
	25	8.0	2	295	590
	26	8.0	2	232	464
	27	8.0	2	246	492
	28	8.0	2	231	462
	29	8.0	2	262	524
	30	8.0	8	274	2192
	31	8.0	2	320	640
	32	8.0	2	269	538
	33	8.0	2	286	572
	34	8.0	2	239	478
	35	8.0	2	256	512
	36	8.0	2	308	616
	37	10.0	8	96	768

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	5.2	1.4
	8.0	360.4	156.4
	10.0	7.7	5.2
CA60	5.0	349.8	59.3
PESO TOTAL			
CA50	163		
CA60	59.3		

Vol. de concreto total (C-25) = 3.97 m³
Área de forma total = 68.11 m²

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 cobertura

DATA: 04/2021

DESENHO: T.L

ÁREA: 140,27 m²

ESCALA: Indicada

PRANCHA: 05 /07

Projeto:
Assinado de forma digital por SAMUEL SPESSATTO OUTEIRO:04412294927
Dados: 2021.04.26 13:21:18 -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 14:46:18 -03'00'
PREFEITURA MUNICIPAL DE XAXIM