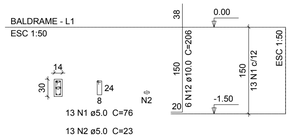
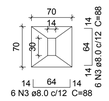
P1=P8

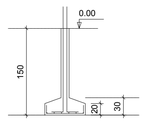


S1=S8
PLANTA
ESC 1:50

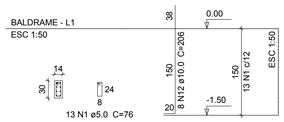


Solo com capacidade de suporte > 200.00 kN/m²

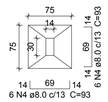
CORTE
ESC 1:50



P2

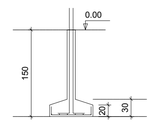


S2
PLANTA
ESC 1:50

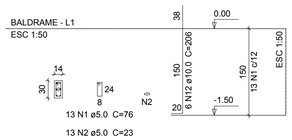


Solo com capacidade de suporte > 200.00 kN/m²

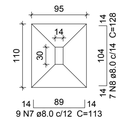
CORTE
ESC 1:50



P4

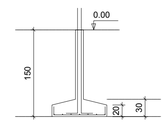


S4
PLANTA
ESC 1:50

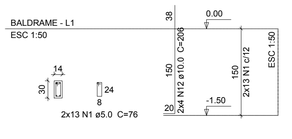


Solo com capacidade de suporte > 200.00 kN/m²

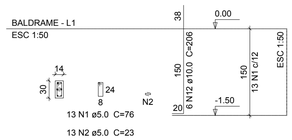
CORTE
ESC 1:50



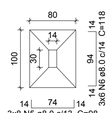
P3=P6



P5

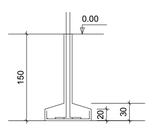


S3=S5=S6
PLANTA
ESC 1:50

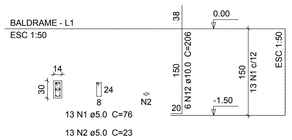


Solo com capacidade de suporte > 200.00 kN/m²

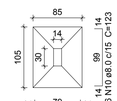
CORTE
ESC 1:50



P7

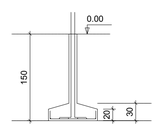


S7
PLANTA
ESC 1:50



Solo com capacidade de suporte > 200.00 kN/m²

CORTE
ESC 1:50



Relação do aço

S2 S4 S6
S7 2xS8 S9

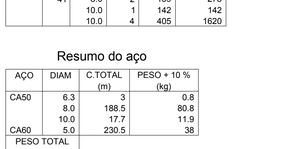
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	117	76	8892
	2	5.0	78	23	1794
CA50	3	8.0	24	88	2112
	4	8.0	12	93	1116
	5	8.0	24	98	2352
	6	8.0	18	118	2124
	7	8.0	9	113	1017
	8	8.0	7	128	896
	9	8.0	15	103	1545
	10	8.0	6	123	738
	11	8.0	6	83	498
	12	10.0	52	206	10712

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	124	53.8
	10.0	107.2	72.6
CA60	5.0	106.9	18.1
PESO TOTAL			
CA50	126.5		
CA60	18.1		

Vol. de concreto total (C-25) = 2.13 m³
Área de forma total = 17.94 m²

P9



S9
PLANTA
ESC 1:50



Solo com capacidade de suporte > 200.00 kN/m²

CORTE
ESC 1:50



05 FUNDAÇÕES
ESCALA: 1/50

V1
ESC 1:50

SEÇÃO A-A
ESC 1:50

V2
ESC 1:50

SEÇÃO A-A
ESC 1:50

V3
ESC 1:50

SEÇÃO A-A
ESC 1:50

V4
ESC 1:50

SEÇÃO A-A
ESC 1:50

V5
ESC 1:50

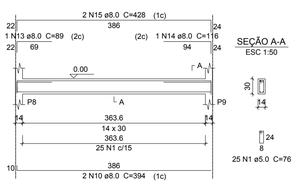
SEÇÃO A-A
ESC 1:50

Relação do aço

V1 V3 V4
V5 V6 V7
V8 V9 V10
V11 V12 V13
V14 V15 V16
V17

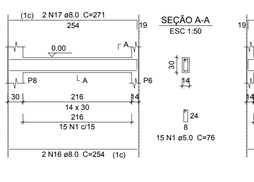
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	290	76	22040
	2	5.0	2	265	530
	3	5.0	2	240	480
CA50	4	6.3	4	73	292
	5	8.0	2	213	426
	6	8.0	2	247	494
	7	8.0	2	102	204
	8	8.0	2	122	244
	9	8.0	4	386	1544
	10	8.0	4	394	1576
	11	8.0	2	145	290
	12	8.0	2	411	822
	13	8.0	1	89	89
	14	8.0	1	116	116
	15	8.0	2	428	856
	16	8.0	4	254	1016
	17	8.0	2	271	542
	18	8.0	2	308	616
	19	8.0	2	342	684
	20	8.0	2	188	376
	21	8.0	2	222	444
	22	8.0	4	265	1060
	23	8.0	2	282	564
	24	8.0	2	109	218
	25	8.0	2	123	246
	26	8.0	2	282	564
	27	8.0	1	162	162
	28	8.0	2	316	632
	29	8.0	2	345	690
	30	8.0	2	355	710
	31	8.0	1	77	77
	32	8.0	2	204	408
	33	8.0	2	229	458
	34	8.0	2	238	476
	35	8.0	2	238	476
	36	8.0	1	90	90
	37	8.0	2	259	518
	38	8.0	2	408	816
	39	8.0	2	81	162
	40	8.0	1	127	127
	41	8.0	2	139	278
		10.0	1	142	142
		10.0	4	405	1620

V6
ESC 1:50



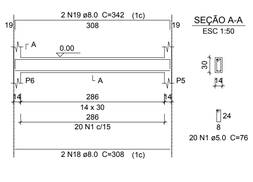
SEÇÃO A-A
ESC 1:50

V7
ESC 1:50



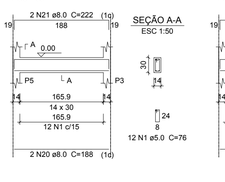
SEÇÃO A-A
ESC 1:50

V8
ESC 1:50



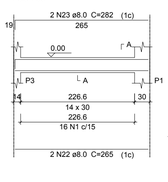
SEÇÃO A-A
ESC 1:50

V9
ESC 1:50



SEÇÃO A-A
ESC 1:50

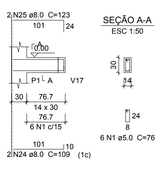
V10
ESC 1:50



SEÇÃO A-A
ESC 1:50

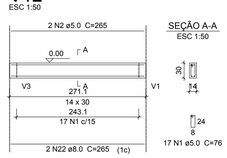


V11
ESC 1:50



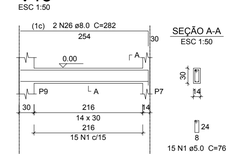
SEÇÃO A-A
ESC 1:50

V12
ESC 1:50



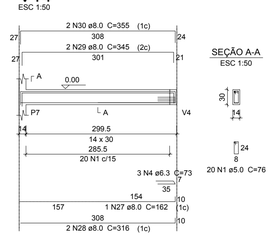
SEÇÃO A-A
ESC 1:50

V13
ESC 1:50



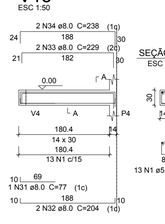
SEÇÃO A-A
ESC 1:50

V14
ESC 1:50



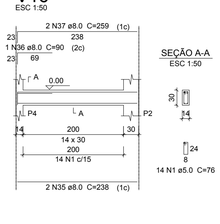
SEÇÃO A-A
ESC 1:50

V15
ESC 1:50



SEÇÃO A-A
ESC 1:50

V16
ESC 1:50



SEÇÃO A-A
ESC 1:50

V17
ESC 1:50

SEÇÃO A-A
ESC 1:50

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	3	0.8
	8.0	188.5	80.8
	10.0	17.7	11.9
CA60	5.0	230.5	38
PESO TOTAL			
CA50	93.6		
CA60	38		

Vol. de concreto total (C-25) = 2.00 m³
Área de forma total = 34.07 m²

06 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: AMPLIAÇÃO DE ESCOLA - AMPLIAÇÃO 03

LOCAL: Vila Diadema

PROJETO: ESTRUTURAL

ESPECIFICAÇÕES:
- Fundações
- Vigas Baldrame

DATA: 04/2021

DESENHO: T.L

ÁREA: 40,00 m²

ESCALA: Indicada

PRANCHA: 02 /03

Projeto:

Assinado de forma digital por ENGEOBRA ENGENHARIA E INFRAESTRUTURA EIRELI:26831579000128
Dados: 2021.06.17 16:12:47 -03'00'

SAMUEL SPESSATTO OUTEIRO
Engº Civil- CREA SC 133319-7

Proprietário:

PREFEITURA MUNICIPAL DE XAXIM