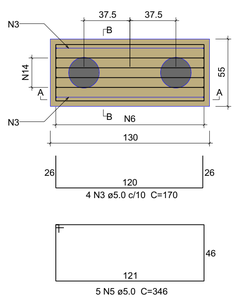
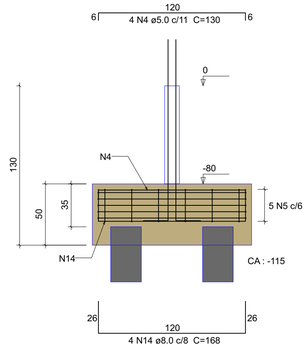
B5
2xC25

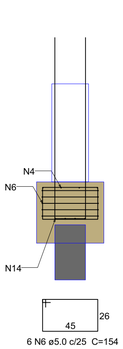
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25



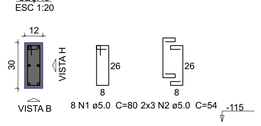
CORTE B-B
ESC 1:25



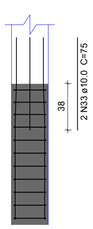
P5

BALDRAME - L1

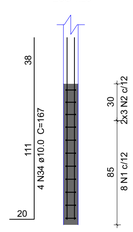
SEÇÃO
ESC 1:20



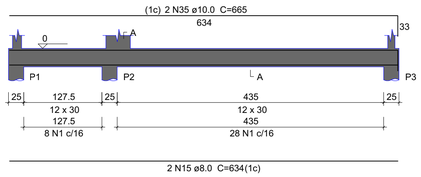
VISTA H
ESC 1:25



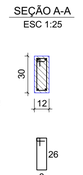
VISTA B
ESC 1:25



V1
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

BALDRAME:	B5	V1
	V2	V3
	V4	V5
	V6	
COBERTURA:	2xP1	2xP2
	P3	3xP4
	P5	V1
	V2	V3
	V4	V5
	V6	

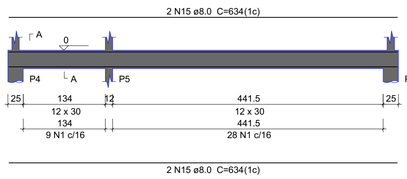
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	581	80	46480
	2	5.0	36	54	1944
	3	5.0	4	170	680
	4	5.0	4	130	520
	5	5.0	5	346	1730
	6	5.0	6	154	924
	7	5.0	2	238	476
	8	5.0	42	56	2352
	9	5.0	12	45	540
	10	5.0	42	100	4200
	11	5.0	12	64	768
	12	5.0	72	23	1656
	13	5.0	2	265	530
CA50	14	8.0	4	168	672
	15	8.0	8	634	5072
	16	8.0	3	175	525
	17	8.0	1	129	129
	18	8.0	2	642	1284
	19	8.0	6	721	4326
	20	8.0	1	165	165
	21	8.0	2	756	1512
	22	8.0	1	200	200
	23	8.0	2	517	1034
	24	8.0	2	629	1258
	25	8.0	2	660	1320
	26	8.0	2	169	338
	27	8.0	2	48	96
	28	8.0	2	621	1242
	29	8.0	2	661	1322
	30	8.0	4	708	2832
	31	8.0	6	736	4416
	32	8.0	2	716	1432
	33	10.0	2	75	150
	34	10.0	4	167	668
	35	10.0	2	665	1330
	36	10.0	2	731	1462
	37	10.0	46	278	12788
	38	10.0	1	295	295
	39	10.0	2	478	956
	40	10.0	2	260	520
	41	10.0	2	366	732

Resumo do aço

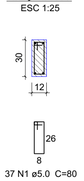
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	291.8	115.1
	10.0	189.1	116.5
CA60	5.0	628	96.8
PESO TOTAL (kg)			
CA50	231.7		
CA60	96.8		

Volume de concreto (C-25) = 4.2 m³
Área de forma = 82.06 m²

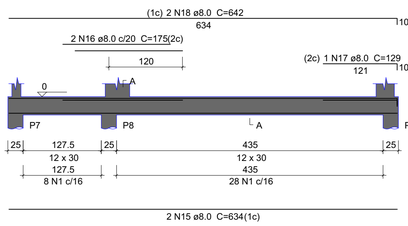
V2
ESC 1:50



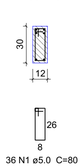
SEÇÃO A-A
ESC 1:25



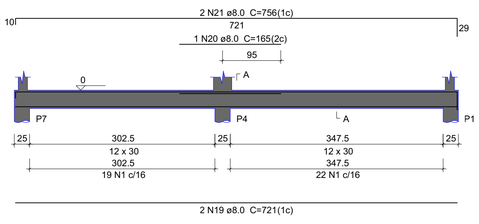
V3
ESC 1:50



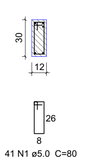
SEÇÃO A-A
ESC 1:25



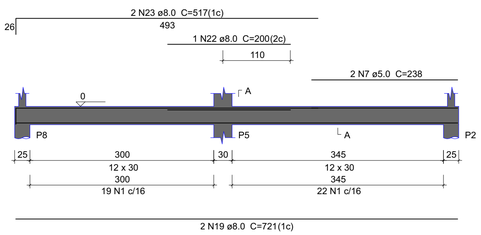
V4
ESC 1:50



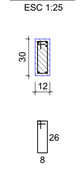
SEÇÃO A-A
ESC 1:25



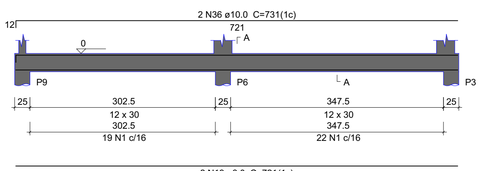
V5
ESC 1:50



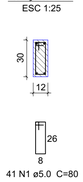
SEÇÃO A-A
ESC 1:25



V6
ESC 1:50



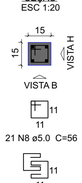
SEÇÃO A-A
ESC 1:25



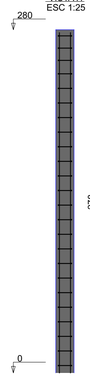
P1=P7

COBERTURA - L2

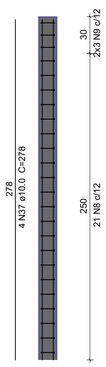
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



VISTA B
ESC 1:25

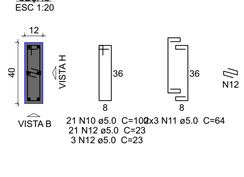


BALDRAME - L1

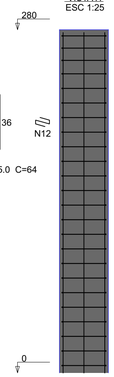
P2=P8

COBERTURA - L2

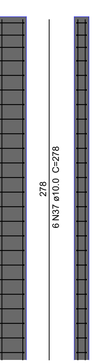
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



VISTA B
ESC 1:25

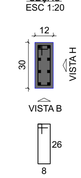


BALDRAME - L1

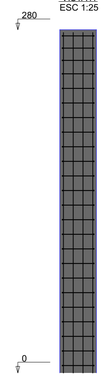
P3

COBERTURA - L2

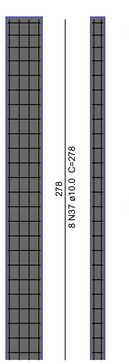
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



VISTA B
ESC 1:25

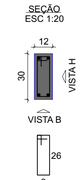


BALDRAME - L1

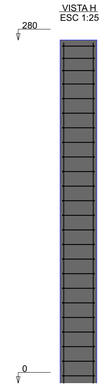
P4=P6=P9

COBERTURA - L2

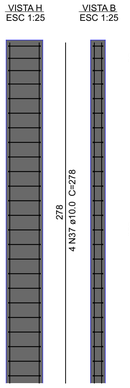
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



VISTA B
ESC 1:25

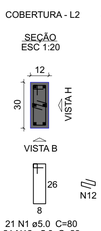


BALDRAME - L1

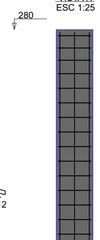
P5

COBERTURA - L2

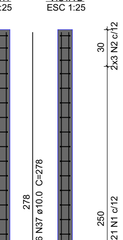
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

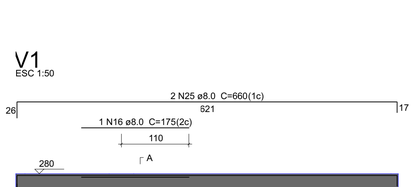


VISTA B
ESC 1:25



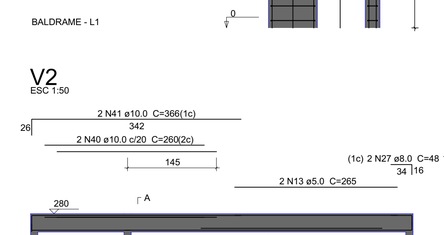
BALDRAME - L1

V1
ESC 1:50

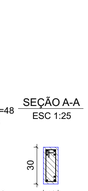


SEÇÃO A-A
ESC 1:25

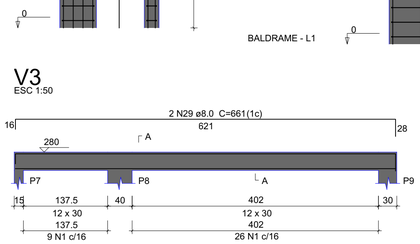
V2
ESC 1:50



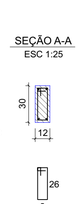
SEÇÃO A-A
ESC 1:25



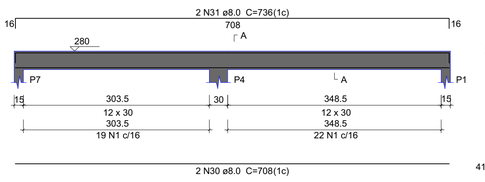
V3
ESC 1:50



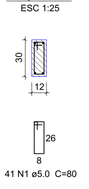
SEÇÃO A-A
ESC 1:25



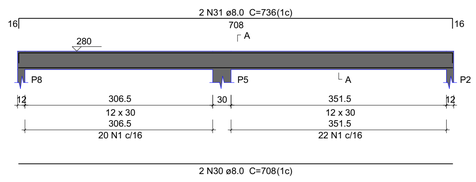
V4
ESC 1:50



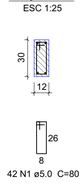
SEÇÃO A-A
ESC 1:25



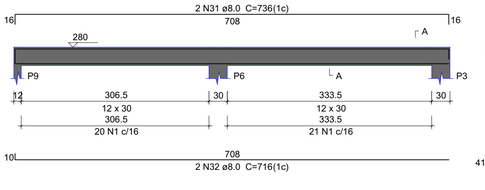
V5
ESC 1:50



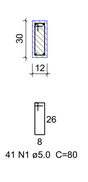
SEÇÃO A-A
ESC 1:25



V6
ESC 1:50



SEÇÃO A-A
ESC 1:25



REVISÕES

NÚMERO	COMENTÁRIOS	DATA	AUTOR

PROJETARE® engenharia

Marca Registrada - Todos os direitos reservados [INPI nº 907067611]

CLIENTE/CONTRATANTE:
PREFEITURA MUNICIPAL DE FRANCISCO BELTRÃO

TÍTULO/EMPREENDIMENTO:
AMPLIAÇÃO ESCOLA MUNICIPAL JUCELINO KUBITSCHEK

TIPO DE OBRA/SERVIÇO:
PREFEITURA MUNICIPAL DE FRANCISCO BELTRÃO

ENDEREÇO:
PR-180 RIO TUNA - FRANCISCO BELTRÃO - PARANÁ

DIMENSÕES DA FOLHA:	CONTRATO:	CÓDIGO:	ÁREA DO PROJETO:
841x594mm		40518	97,61 m2
ESCALA DE PLOTAGEM:	**DATA:**	**DESENHO:**	**ART:**
INDICADA	11/03/2019	Gabriel	ART A
PAVIMENTO:		**DISCIPLINA:**	
		ESTRUTURAL	

CONTEÚDO DA PRANCHA:
DETALHAMENTO ESTRUTURAL - BRINQUEDOTECA

PROJETARE ENGENHARIA LTDA
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RESP. TÉCNICO COORDENAÇÃO

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ENG. CIVIL - CREA PR-74520/D
RESP. TÉCNICO PROJETO

CONJUNTO: 1/3

PRANCHA: 1/12

Nº	NOME	COR	PENA
01	RED		0.10
02	YELLOW		0.20
03	GREEN		0.30
04	CYAN	PRETO	0.35
05	BLUE		0.40
06	MAGENTA		0.50
07	WHITE		0.60
08	08		0.10
09	09		0.20

Estrutural

1. O contrato para elaboração de um projeto não implica a obrigação de executá-lo, ou de fiscalizar-lhe a execução. [Lei 10.406/02 Cap. VIII Art. 610 §2º]

desenho gerado no CAD-sistema2018