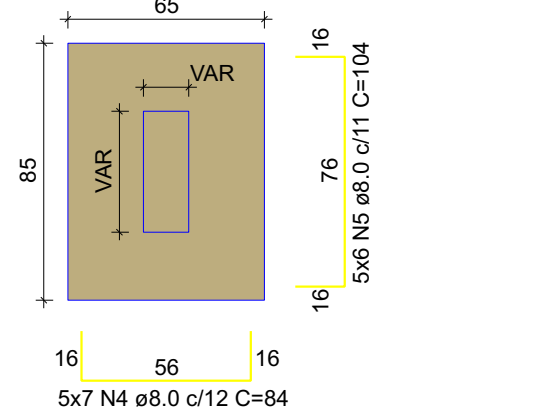




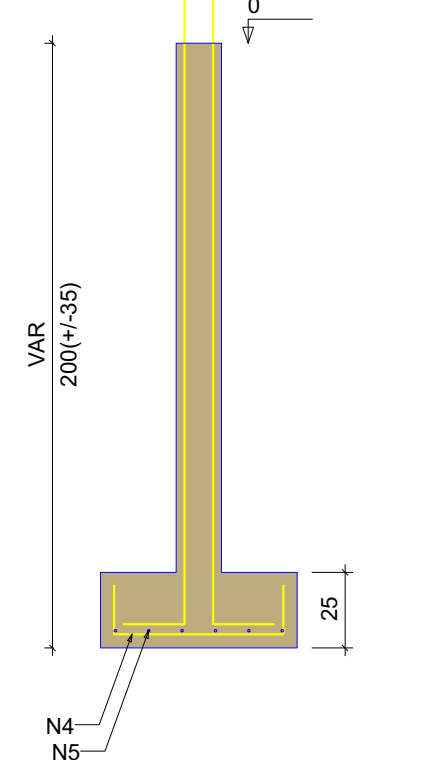
S11=S38

PLANTA
escala: 1:25



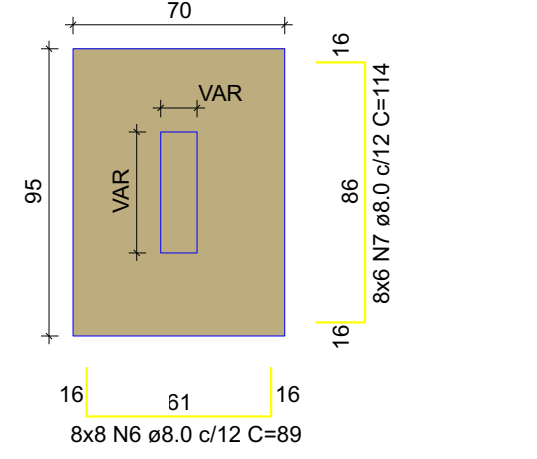
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
escala: 1:25



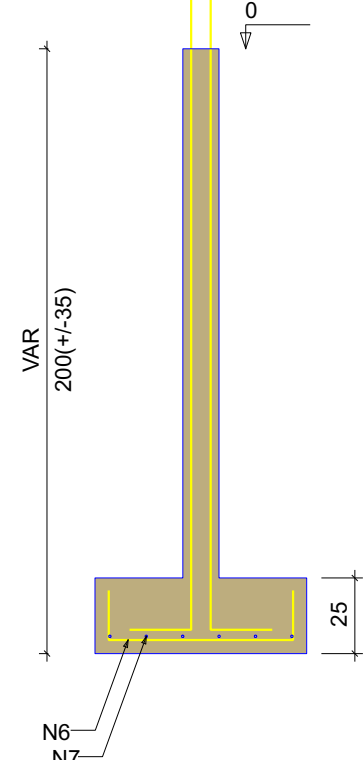
S1=S2=S51=S55=S57=S67=S69=S73

PLANTA
escala: 1:25



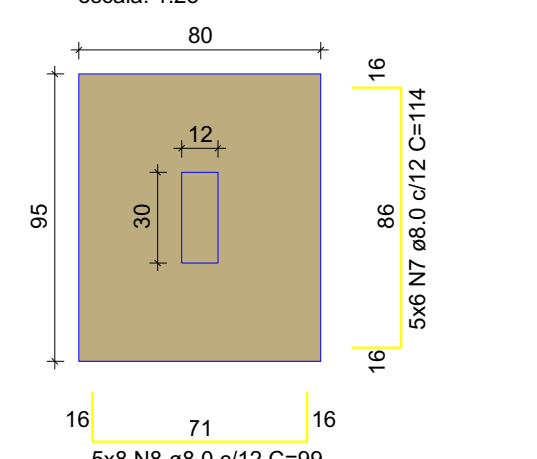
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
escala: 1:25



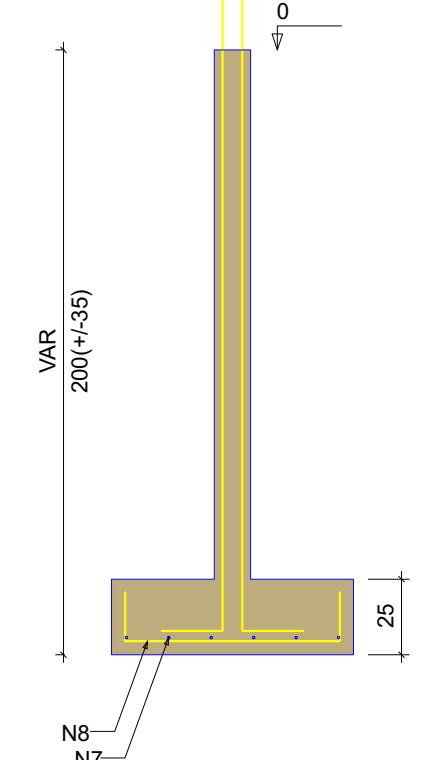
S10=S22=S31=S62

PLANTA
escala: 1:25



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

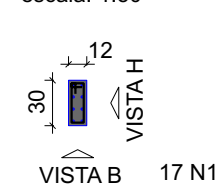
CORTE
escala: 1:25



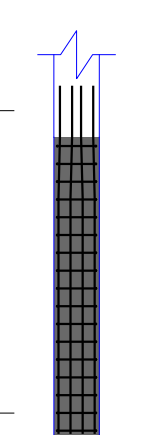
P11

N0-BALDRAME - L1

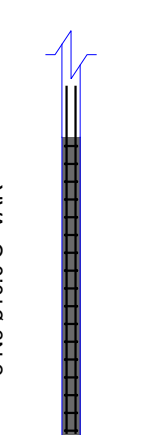
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



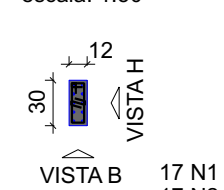
VISTA B
escala: 1:50



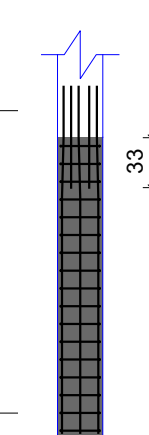
P38

N0-BALDRAME - L1

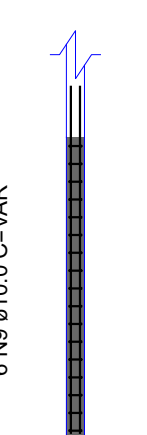
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



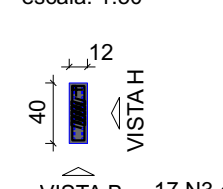
VISTA B
escala: 1:50



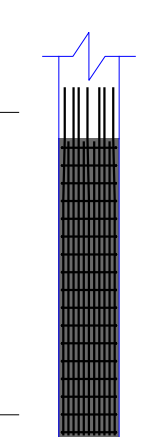
P1

N0-BALDRAME - L1

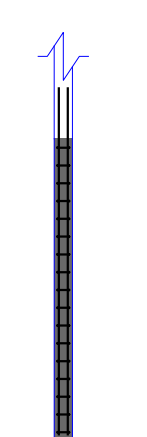
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



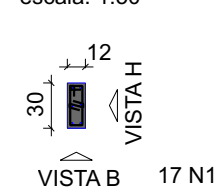
VISTA B
escala: 1:50



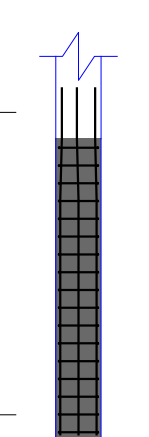
P2

N0-BALDRAME - L1

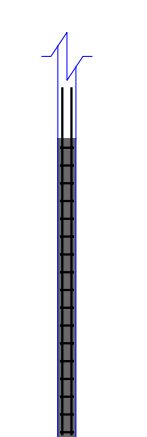
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



VISTA B
escala: 1:50



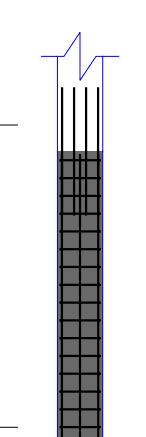
P51

N0-BALDRAME - L1

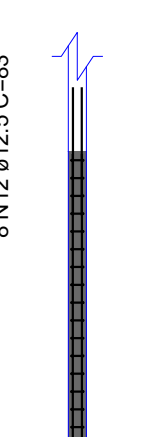
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



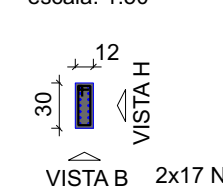
VISTA B
escala: 1:50



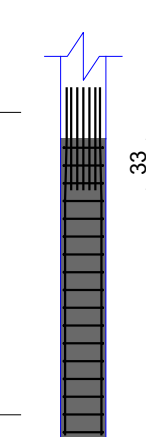
P55=P67

N0-BALDRAME - L1

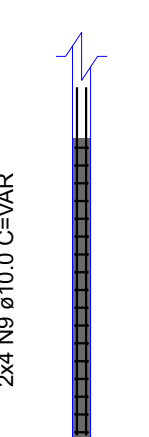
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



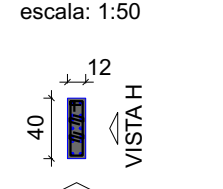
VISTA B
escala: 1:50



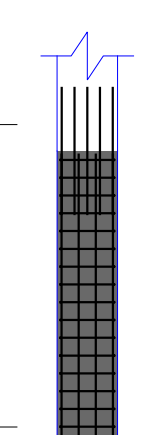
P57

N0-BALDRAME - L1

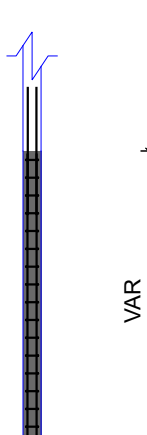
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



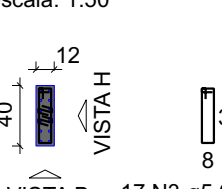
VISTA B
escala: 1:50



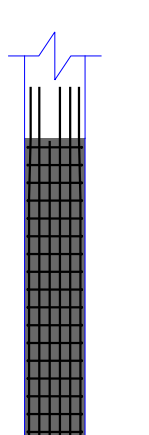
P69

N0-BALDRAME - L1

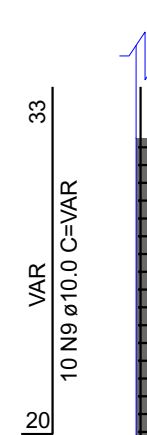
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



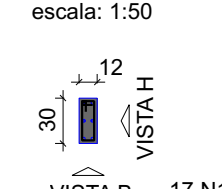
VISTA B
escala: 1:50



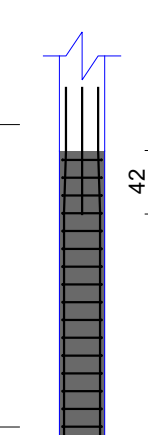
P73

N0-BALDRAME - L1

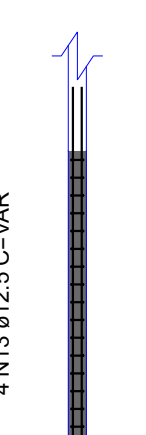
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



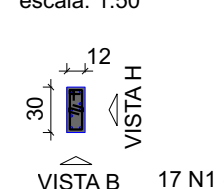
VISTA B
escala: 1:50



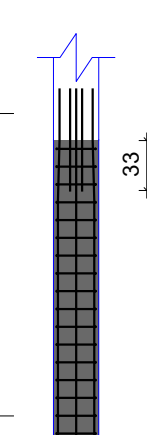
P22

N0-BALDRAME - L1

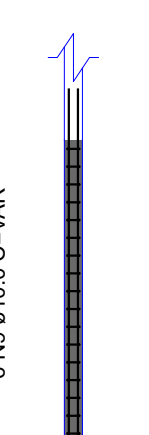
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



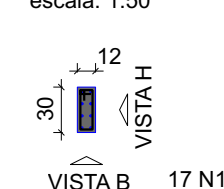
VISTA B
escala: 1:50



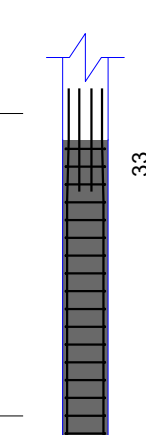
P31

N0-BALDRAME - L1

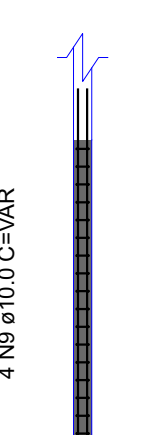
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



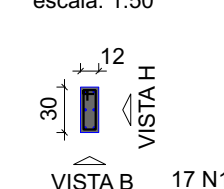
VISTA B
escala: 1:50



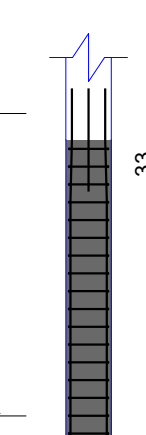
P62

N0-BALDRAME - L1

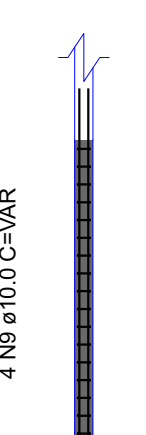
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



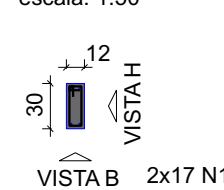
VISTA B
escala: 1:50



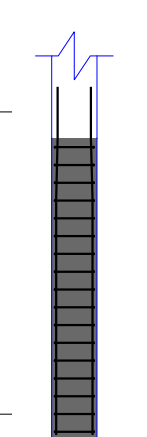
P10

N0-BALDRAME - L1

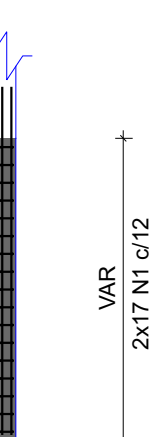
SEÇÃO
escala: 1:50



VISTA H
escala: 1:50



VISTA B
escala: 1:50



Nº	NOME	COR	FECHA
01	RED	0.15	
02	YELLOW	0.25	
03	GREEN	0.35	
04	CYAN	0.45	
05	BLUE	0.55	
06	MAGENTA	0.65	
07	WHITE	0.75	
08	SP	0.85	
09	CP	0.95	
10	DMAS	1.05	

Desenhos

Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	204	80	16320
	2	5.0	221	23	5083
	3	5.0	51	100	5100
CA50	4	8.0	35	84	2940
	5	8.0	30	104	3120
	6	8.0	64	89	5696
	7	8.0	78	114	8892
	8	8.0	40	99	3960
	9	10.0	74	VAR	VAR
	10	10.0	32	67	2144
	11	10.0	24	VAR	VAR
	12	12.5	20	83	1660
	13	12.5	4	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	246.1	106.8
	10.0	254.9	172.8
	12.5	26.8	28.4
CA60	5.0	265.1	44.9

PESO TOTAL (kg)

CA50	308.1
CA60	44.9

Volume de concreto (C-30) = 1.1 m³
Área de forma = 12.67 m²

REVISÕES			
NÚMERO	COMENTÁRIOS	DATA	AUTOR

Projeto de Engenharia

CLIENTE/CONTRATANTE:
PREFEITURA MUNICIPAL DE FRANCISCO BELTRÃO

TÍTULO/EMPREENHIMENTO:
REFORMA E AMPLIAÇÃO - UNIDADE DE SAÚDE PE. ULRICO

TIPO DE OBRA/SERVIÇO:
REFORMA E AMPLIAÇÃO

ENDEREÇO:
RUA PEDRO F. DE BACKER, SN - PE. ULRICO

DIMENSÕES DA FOLHA: 841x594mm

CONTRATO: 841x594mm

CÓDIGO: 841x594mm

ÁREA DO PROJETO: 325,23 m²

Área existente: 325,23 m²

Área ampliação: 459,65 m²

ESCALA DE PLOTAGEM: 1:50

DATA: 28/06/2019

DESENHO: Gabriel

ART: 1:50

INDICADA: 28/06/2019

DISCIPLINA: ESTRUTURAL

PAVIMENTO: 1:50

CONTEÚDO DA PRANCHA:
DETALHAMENTO ESTRUTURAL - FUNDAÇÕES

PROJETARE ENGENHARIA LTDA
CREA PR-43596 / CAU 37134-3
Avenida Florianópolis, 530 - sala 41 - Alvorada
Francisco Beltrão - PR - CEP 85.901-560
Tel: (46) 3524 7920
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instagram: @projetareeng

SERGIO V. GALVÃO JUNIOR
ENG. CIVIL - CREA PR-74200
RESP. TÉCNICO COORDENAÇÃO

GABRIEL ANDRÉ CHIOSSI
ENG. CIVIL - CREA PR-1737600
RESP. TÉCNICO PROJETO

CONJUNTO:
1/5

PRANCHA:
19/ 26

1. O contrato para elaboração de um projeto não implica a obrigação de executá-lo, ou de fiscalizá-lo a execução. [Lei 10.406/02 Cap. VIII Art. 610 §2º]
2. Os direitos de autoria de um projeto, respeitadas as relações contratuais, são do profissional que os elabora. [Lei 5.194/66 Cap. II Art. 17]