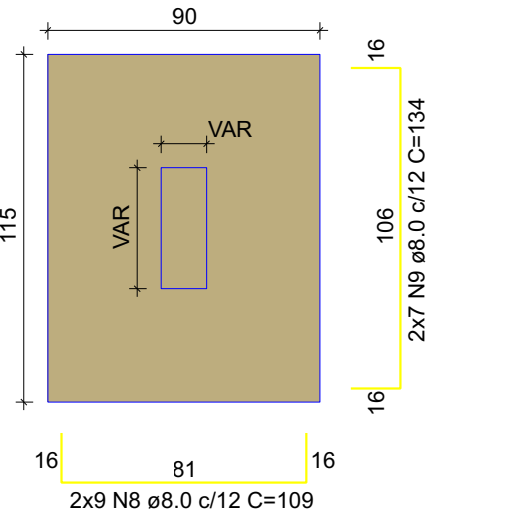




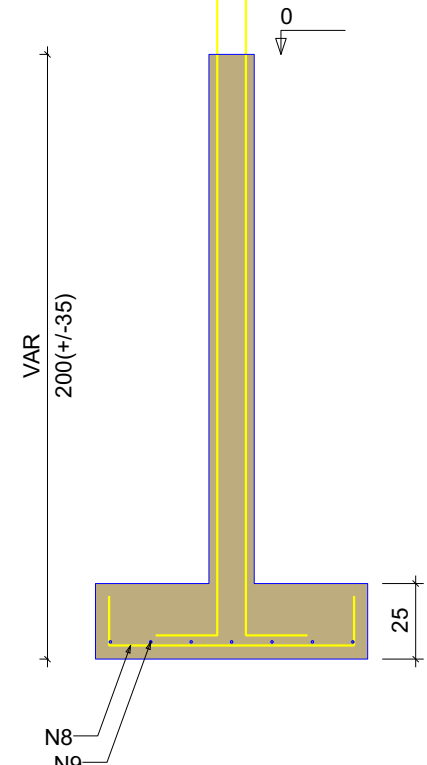
S33=S34

PLANTA
escala: 1:25



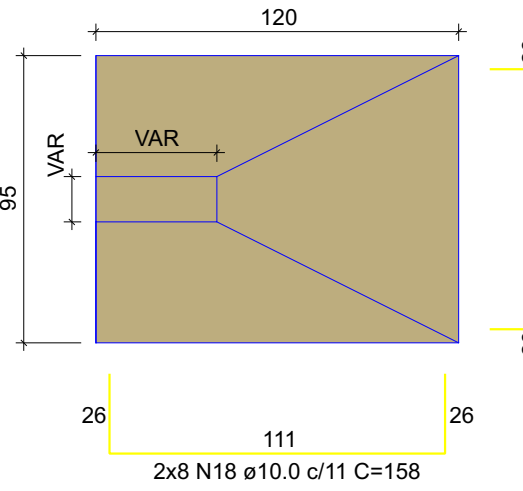
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
escala: 1:25



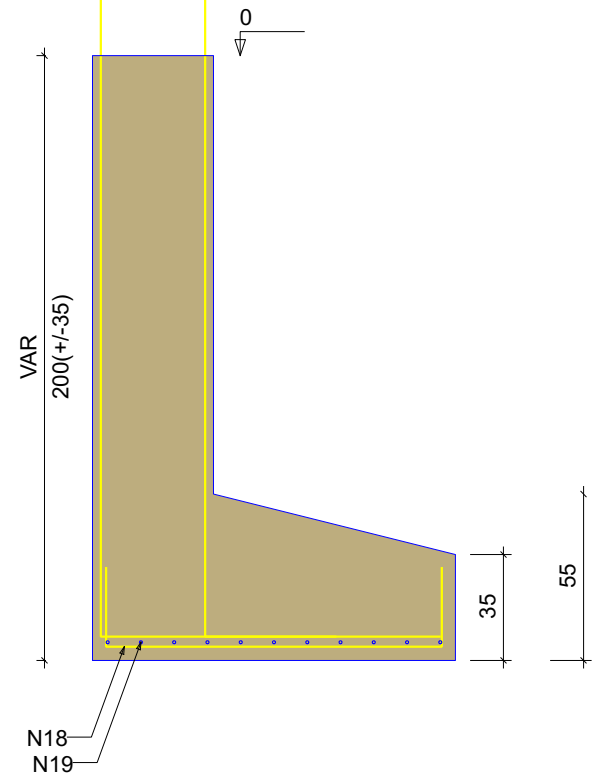
S23=S32

PLANTA
escala: 1:25



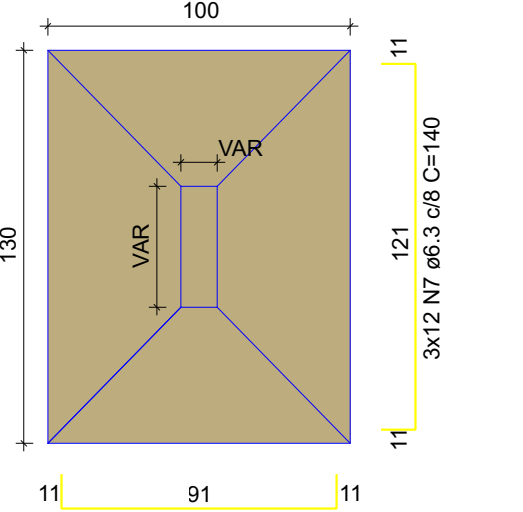
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
escala: 1:25



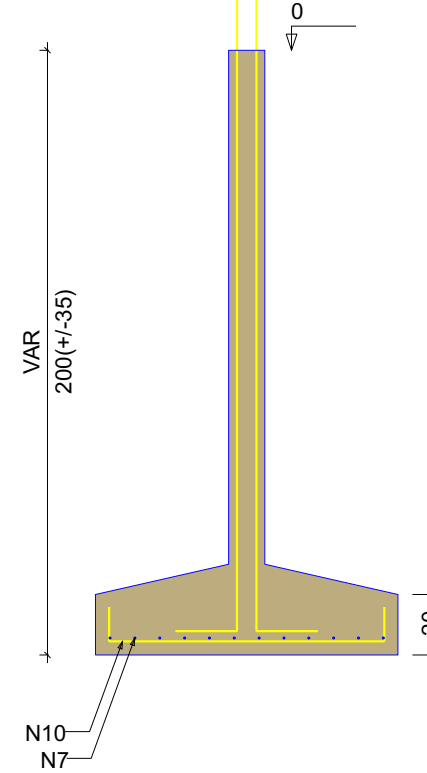
S47=S48=S59

PLANTA
escala: 1:25



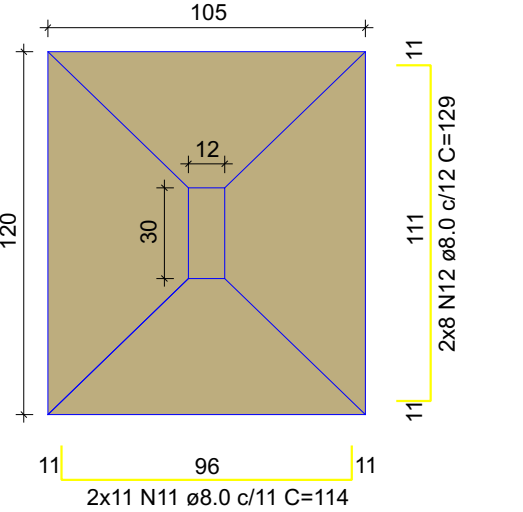
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
escala: 1:25



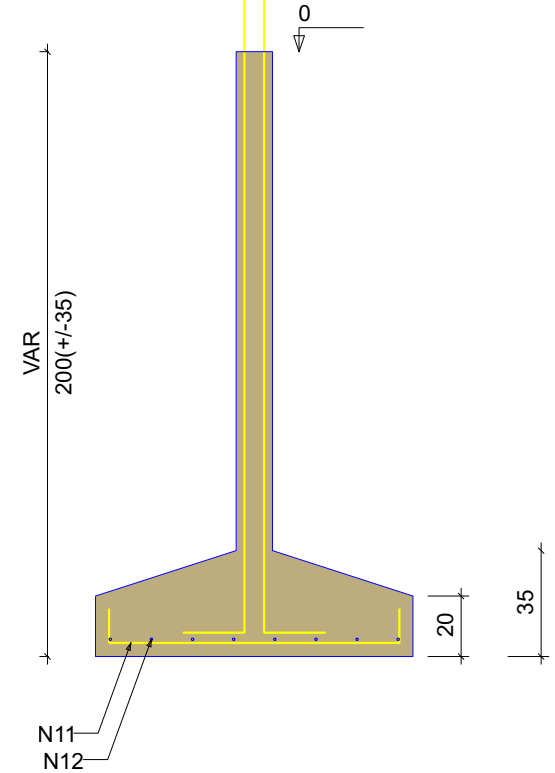
S24=S66

PLANTA
escala: 1:25



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

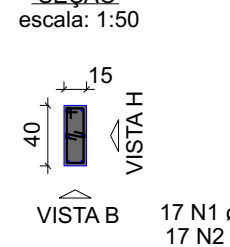
CORTE
escala: 1:25



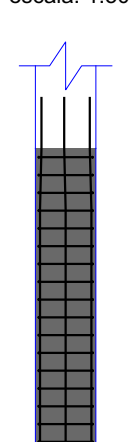
P33

N0-BALDRAME - L1

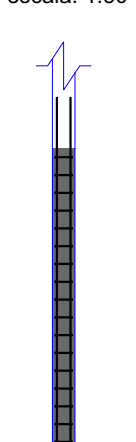
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



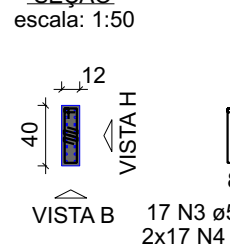
.VISTA B
escala: 1:50



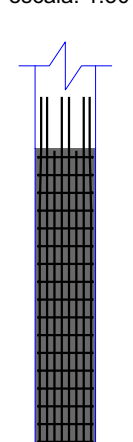
P34

N0-BALDRAME - L1

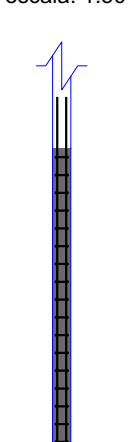
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



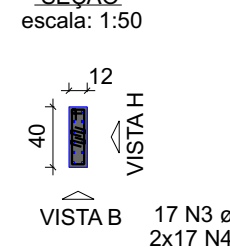
.VISTA B
escala: 1:50



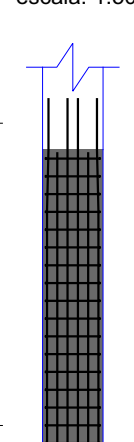
P23

N0-BALDRAME - L1

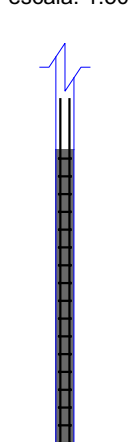
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



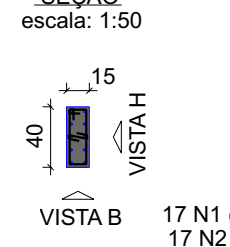
.VISTA B
escala: 1:50



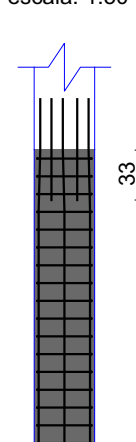
P32

N0-BALDRAME - L1

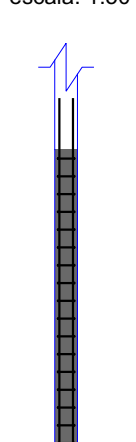
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



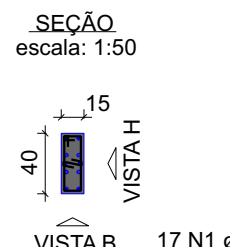
.VISTA B
escala: 1:50



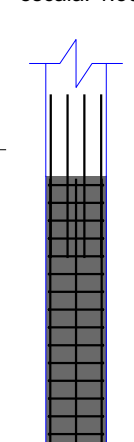
P47

N0-BALDRAME - L1

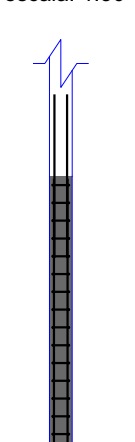
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



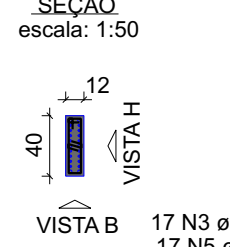
.VISTA B
escala: 1:50



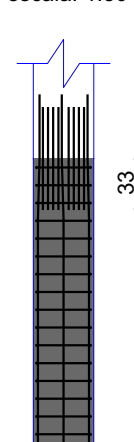
P48

N0-BALDRAME - L1

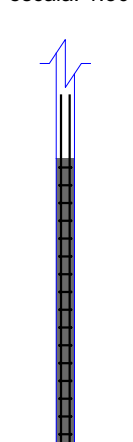
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



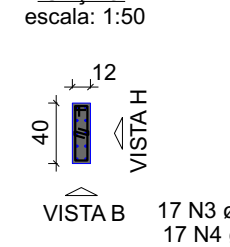
.VISTA B
escala: 1:50



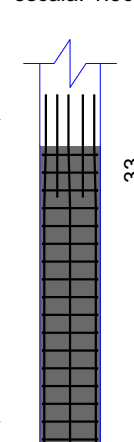
P59

N0-BALDRAME - L1

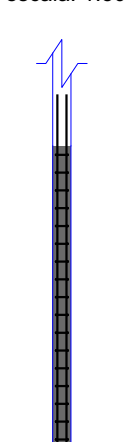
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



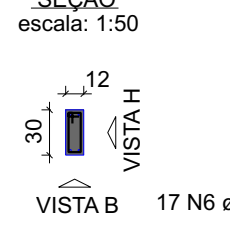
.VISTA B
escala: 1:50



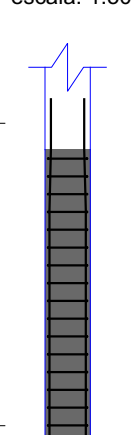
P24

N0-BALDRAME - L1

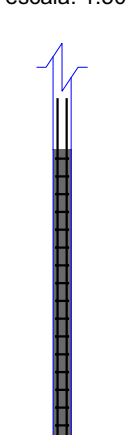
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



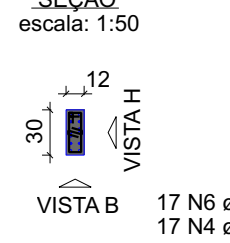
.VISTA B
escala: 1:50



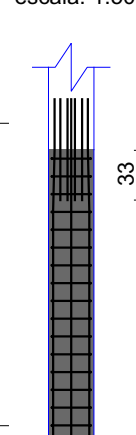
P66

N0-BALDRAME - L1

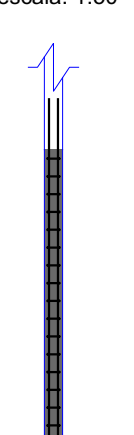
.SEÇÃO
escala: 1:50



.VISTA H
escala: 1:50



.VISTA B
escala: 1:50



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	51	106	5406
	2	5.0	51	26	1328
	3	5.0	68	100	6800
	4	5.0	102	23	2346
	5	5.0	17	23	391
CA50	6	5.0	34	80	2720
	7	6.3	36	140	5040
	8	8.0	18	109	1962
	9	8.0	14	134	1876
	10	8.0	33	109	3597
	11	8.0	22	114	2508
	12	8.0	16	129	2064
	13	10.0	34	VAR	VAR
	14	10.0	10	VAR	VAR
	15	10.0	4	VAR	VAR
	16	10.0	14	VAR	VAR
S24 S59	17	10.0	30	67	2010
	18	10.0	16	158	2528
	19	10.0	22	133	2926
	20	12.5	6	VAR	VAR
	21	16.0	8	107	856

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	50.4	13.6
	8.0	120.1	52.1
	10.0	233.2	158.1
	12.5	15.3	16.2
	16.0	8.6	14.9
CA60	5.0	189.9	32.2

PESO TOTAL (kg)

CA50	254.9
CA60	32.2

Volume de concreto (C-30) = 3.99 m³
Área de forma = 28.26 m²

REVISÕES

NÚMERO	COMENTÁRIOS	DATA	AUTOR



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:

CONTRATO:

CÓDIGO:

ÁREA DO PROJETO:

ESCALA DE PLOTAGEM:

DATA:

DESENHO:

ART:

PAVIMENTO:

DISCIPLINA:

ESTRUTURAL

CONTEÚDO DA PRANCHA:

DETALHAMENTO ESTRUTURAL - FUNDAÇÕES

CONJUNTO:

PROJETARE ENGENHARIA LTDA

CREA PR-43596 / CAU 37134-3

Avenida Florianópolis, 530 - sala 41 - Alvorada

Francisco Beltrão - PR - CEP 85.901-560

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instagram: @projetareeng

SERGIO V. GALVÃO JUNIOR

ING. CIVIL - CREA PR-74200

RESP. TÉCNICO COORDENAÇÃO

GABRIEL ANDRÉ CHIOSSI

ING. CIVIL - CREA PR-1737600

RESP. TÉCNICO PROJETO

CONJUNTO:

1/5

PRANCHA:

16/ 26

Nº	NOME	COD	PERM
01	PROJ	01	PROJ
02	ELAB	02	ELAB
03	APR	03	APR
04	AVL	04	AVL
05	IMP	05	IMP
06	IMP	06	IMP
07	IMP	07	IMP
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Desenhos