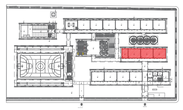
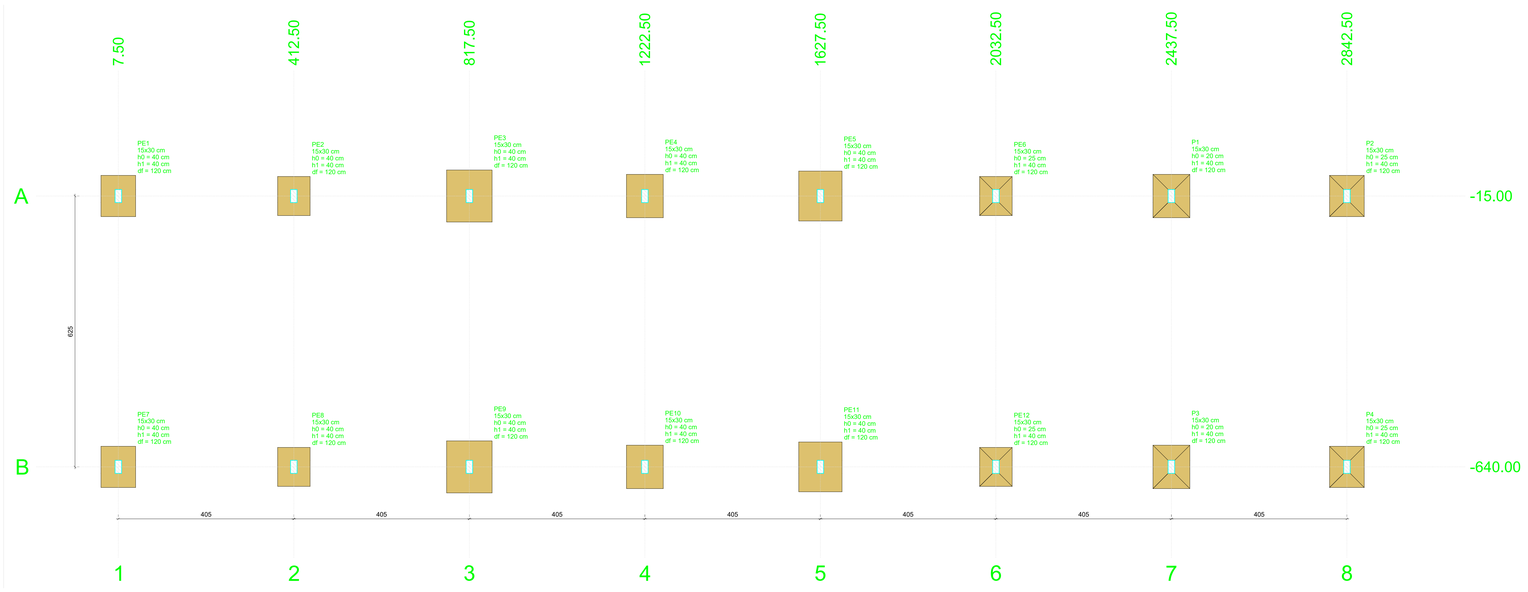
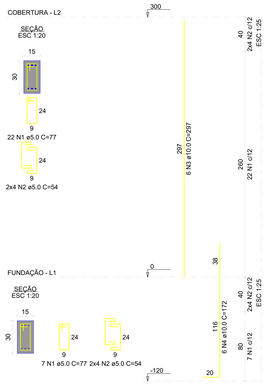
OBSERVAÇÕES:



CROQUI DE REFERÊNCIA



1 EST | ESC | **ESTRUTURAL**
VAR | 1:50 | PLANTA DE LOCAÇÃO



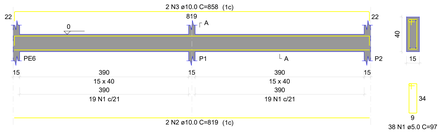
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5% (Barras)	UNIT	PESO + 5% (kg)
CA50	10.0	112.6	10	12 m	72.9
CA60	5.0	125.9		rolo (170 kg)	29
PESO TOTAL (kg)					
CA50	72.9				
CA60	29				

Volume de concreto (C-25) = 0.68 m³
Área de forma = 13.68 m²

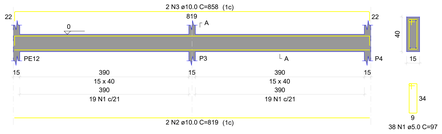
2 EST | ESC | **ESTRUTURAL**
VAR | PILARES EM PRUMADA P1=P2=P3=P4

VB.1
ESC 1:50



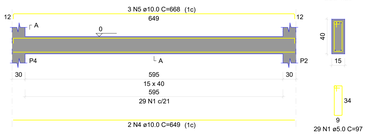
SEÇÃO A-A
ESC 1:25

VB.2
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB.3
ESC 1:50



SEÇÃO A-A
ESC 1:25

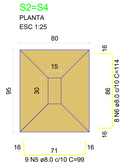
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5% (Barras)	UNIT	PESO + 5% (kg)
CA50	10.0	100.1	9	12 m	64.8
CA60	5.0	101.6		rolo (170 kg)	16.5
PESO TOTAL (kg)					
CA50	64.8				
CA60	16.5				

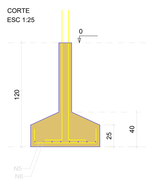
Volume de concreto (C-25) = 1.28 m³
Área de forma = 20.47 m²

3 EST | ESC | **ESTRUTURAL**
VAR | DETALHAMENTO DAS VIGAS BALDRAME

S2=S4
PLANTA
ESC 1:25

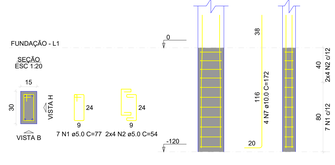


CORTE
ESC 1:25



Solo com capacidade de suporte > 2.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P2=P4

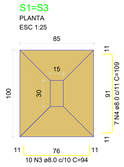


RESUMO DO AÇO

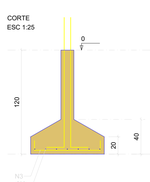
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5% (Barras)	UNIT	PESO + 5% (kg)
CA50	8.0	70.1	1	12 m	29.1
CA60	10.0	54.4	4	12 m	29.3
	5.0	55.6	1	rolo (170 kg)	6.3
PESO TOTAL (kg)					
CA50	51.3				
CA60	6.3				

Volume de concreto (C-25) = 1.11 m³
Área de forma = 6.11 m²

S1=S3
PLANTA
ESC 1:25

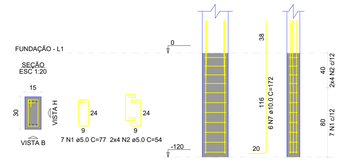


CORTE
ESC 1:25



Solo com capacidade de suporte > 2.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P1=P3



4 EST | ESC | **ESTRUTURAL**
VAR | DETALHAMENTO DAS SAPATAS

PREFEITURA MUNICIPAL DE JACAREACANGA
SECRETARIA MUNICIPAL DE EDUCAÇÃO,CULTURA E DESPORTO
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CEP: 68160-000
Fone: (93) 3543-1286

PROJETO ESTRUTURAL

REFORMA E AMPLIAÇÃO DA ESCOLA ESTADUAL DE ENSINO MÉDIO BRIGADEIRO HAROLDO COIMBRA VELOSO

Proprietário: PREFEITURA DE JACAREACANGA

Local: AVENIDA RAIMUNDO J. SANTOS, S/N°, BAIRRO BELA VISTA - JACAREACANGA - PA

Autor do Projeto:

MARILENE DE SOUZA RODRIGUES
ENGENHEIRO CIVIL – CREA nº 181970901-7

Responsável Técnico:

Assunto:	Escala:	Data:	Folha:
ESTRUTURAL BLOCO B – SALAS DE AULA	INDICADA	JUL/22	EST–01