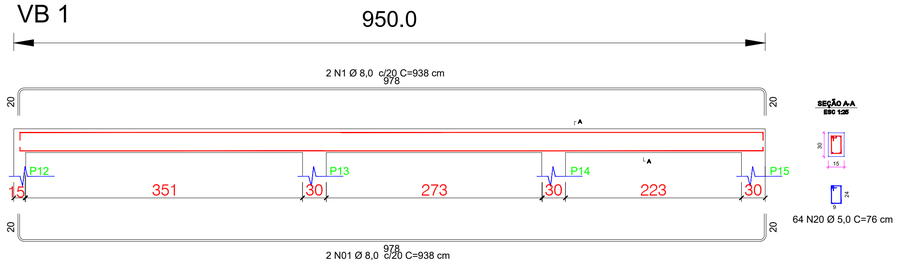
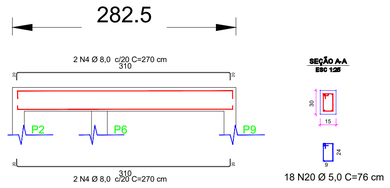
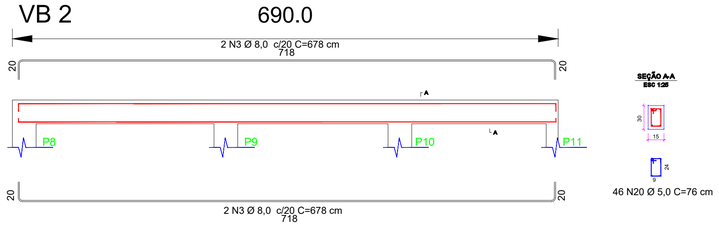
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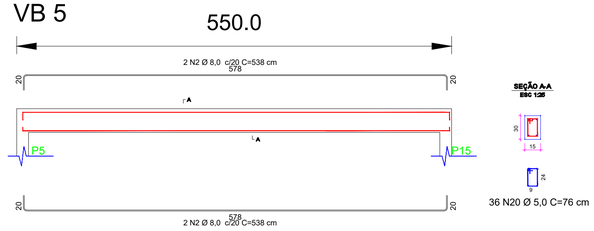
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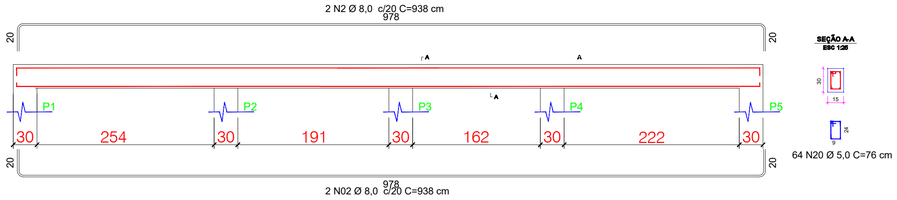
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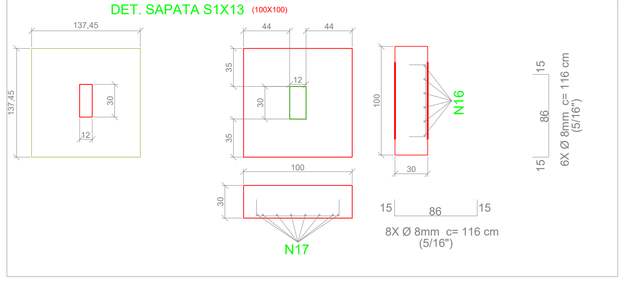
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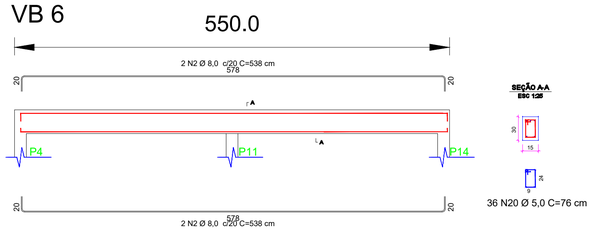
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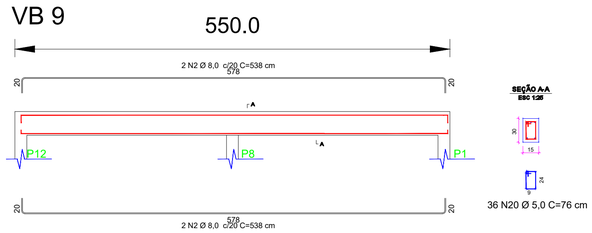
DET. SAPATA S1X13 (100X100)



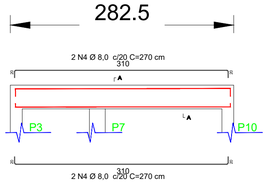
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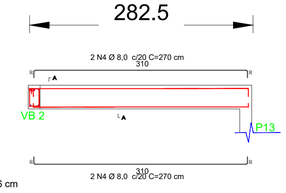
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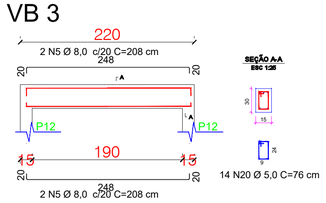
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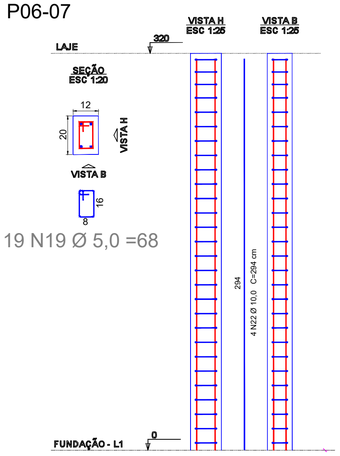
VB 07



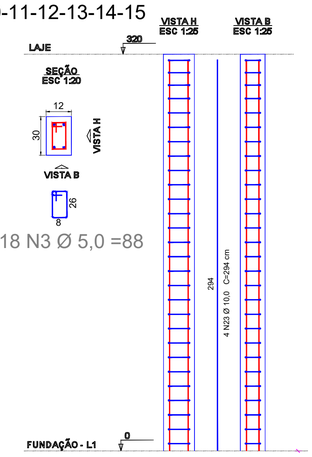
VB 3



P06-07



P01-02-03-04-05-08-09-10-11-12-13-14-15



LISTA DE FERROS

N	Ø (mm)	QUANT.	COMPRIMENTOS	
			UNIT.(cm)	TOTAL(m)
1	8,0	8	9,78	78,24
2	8,0	12	5,78	69,36
3	8,0	4	7,18	28,72
4	8,0	12	3,10	37,20
5	8,0	4	2,48	9,92
16	8,0	78	1,16	90,48
17	8,0	104	1,16	108,16
18	5,0	264	0,88	205,92
19	5,0	19	0,68	12,92
20	5,0	350	0,76	266,00
22	10,0	8	2,94	23,52
23	10,0	52	2,94	152,88

RESUMO AÇO CA50

Ø (mm)	COMPR. TOTAL(m)	PESO	
		(Kg/m)	(Kg)
8	422,08	0,395	166,72
10	176,40	0,617	108,83
		TOTAL (kg)	275,55

RESUMO AÇO CA60

Ø (mm)	COMPR. TOTAL(m)	PESO	
		(Kg/m)	(Kg)
5,0	484,84	0,154	74,66
		TOTAL (kg)	74,66

QUANTITATIVO VIGAS (VB-SAPATA-P1-15)		
ITENS	UN	QTD
AÇO Ø5,0mm (CA 60)	KG	74,66
AÇO Ø8,0mm (CA 50)	KG	275,50
CONCRETO USINADO FCK 25 MPa	M³	7,82

Matricula Terreno nº

ART nº

Responsável Tecnico

ELIO CARLOS HAMM:04001582996 — Assinado de forma digital por ELIO CARLOS HAMM:04001582996 Dados: 2026.04.10 08:25:58 -03'00'

ELIO CARLOS HAMM
ENGENHEIRO CIVIL
Crea/SC-148384-3

Proprietário

Pref. M. de Leoberto leal
C.P.F :. 82.924.390/0001-50

Proprietário:
Pref. Municipal de Leoberto Leal

C.N.P.J: nº 82.924.390/0001-50

Projeto

ENGENHEIRO CIVIL
Crea/SC-148384-3

PROJETO ESTRUTURAL

Local: ESTRADA GERAL ALTO VARGEDO MUNICIPIO DE LEOBERTO LEAL SC

Uso: PÚBLICO

Referência: QUADRA DE FUTEBOL SOCIETY COBERTA

VIGAS BALDRAMES PILARES ,DETALHES

Área: 814,00 m²

Data: ABRIL/2026

Escala: INDICADA

Desenho: SILVIO LUDERS

MATERIAL

Prancha: ES-02/04

FORMATO A-01