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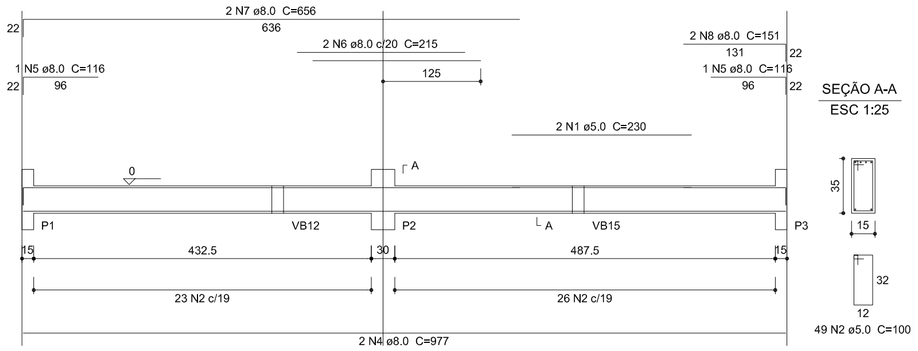

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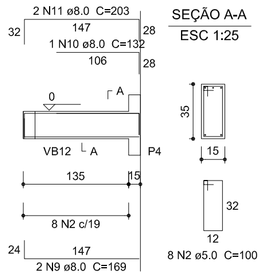

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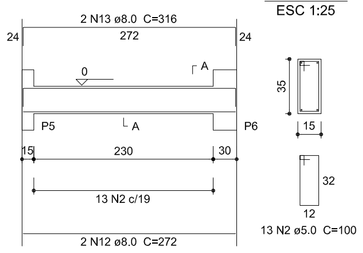

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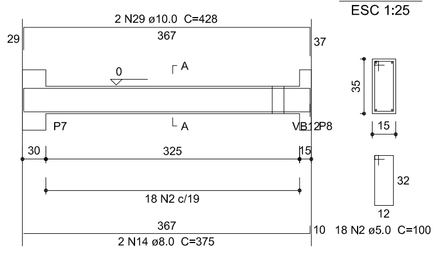

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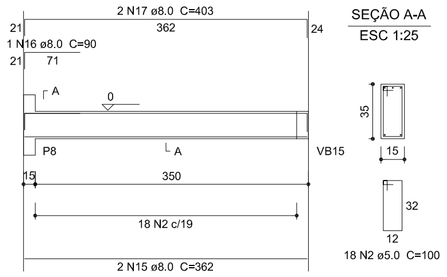

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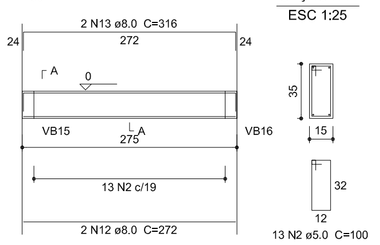

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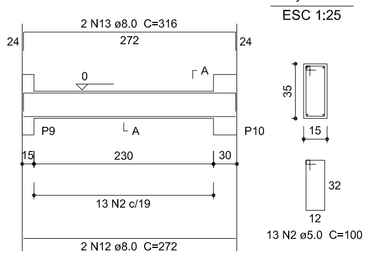

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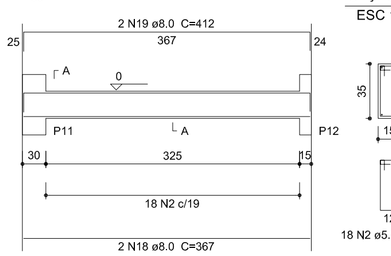

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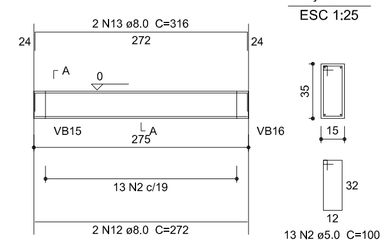

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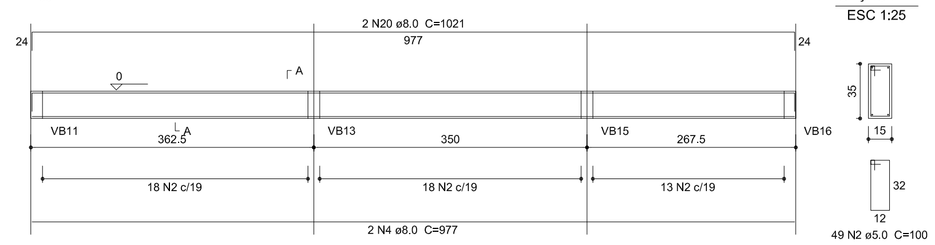

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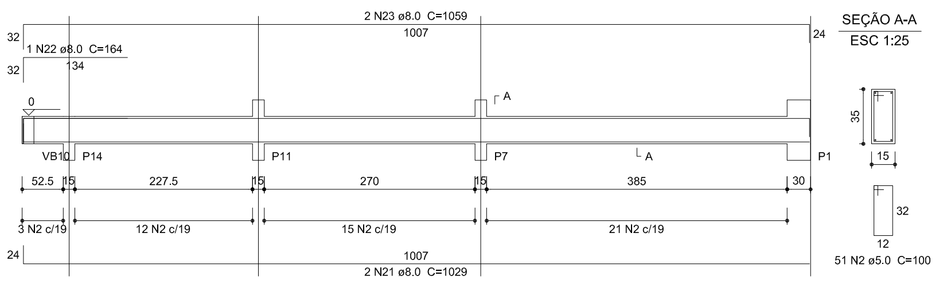

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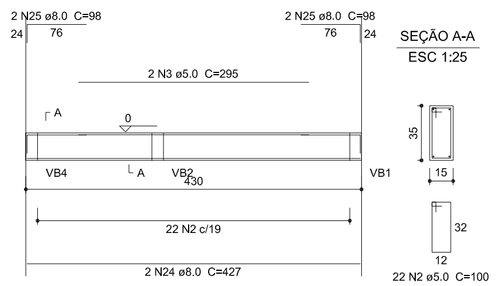

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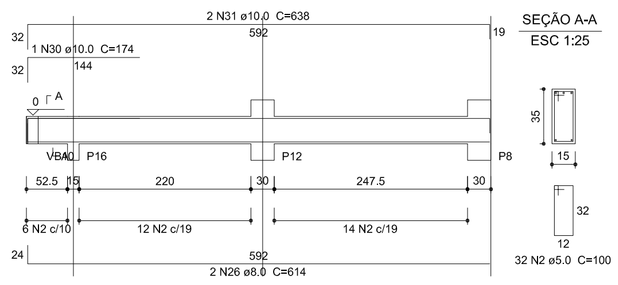

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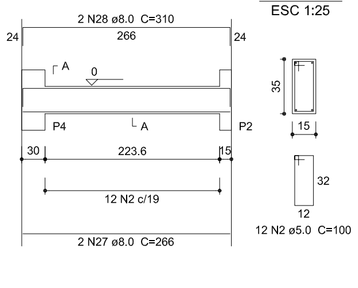

VB15
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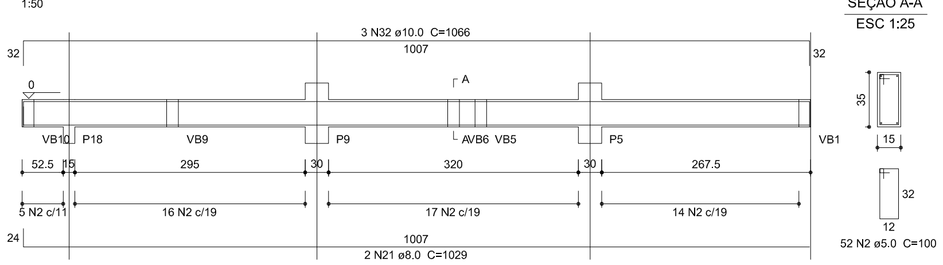

VB16
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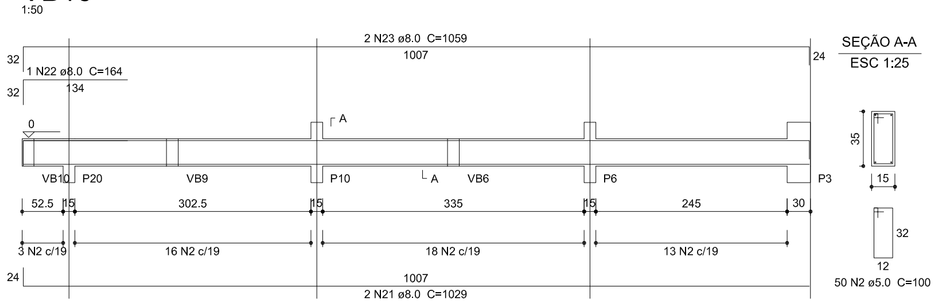


Relação do aço

VB1 VB2 VB3
VB4 VB5 VB6
VB7 VB8 VB9
VB10 VB11 VB12
VB13 VB14 VB15
VB16

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	230	460
	2	5.0	431	100	43100
	3	5.0	2	295	590
CA50	4	8.0	4	977	3908
	5	8.0	2	116	232
	6	8.0	2	215	430
	7	8.0	2	656	1312
	8	8.0	2	151	302
	9	8.0	2	169	338
	10	8.0	1	132	132
	11	8.0	2	203	406
	12	8.0	8	272	2176
	13	8.0	8	316	2528
	14	8.0	2	375	750
	15	8.0	2	362	724
	16	8.0	1	90	90
	17	8.0	2	403	806
	18	8.0	2	367	734
	19	8.0	2	412	824
	20	8.0	2	1021	2042
	21	8.0	6	1029	6174
	22	8.0	2	164	328
	23	8.0	4	1059	4236
	24	8.0	2	427	854
	25	8.0	4	98	392
	26	8.0	2	614	1228
	27	8.0	2	266	532
	28	8.0	2	310	620
	29	10.0	2	428	856
	30	10.0	1	174	174
	31	10.0	2	638	1276
	32	10.0	3	1066	3198

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	321	139.3
	10.0	55.1	37.3
CA60	5.0	441.5	74.9
PESO TOTAL			
CA50	176.6		
CA60	74.9		

Vol. de concreto total (C-25) = 4.54 m³
Área de forma total = 73.43 m²

PROJETO ESTRUTURAL

TÍTULO: POSTO DE SAUDE - SCHROEDER I

ENDEREÇO: RUA GUARAMIRIM

CONTEUDO: VIGAS BALDRAME

FOLHA: 03/05

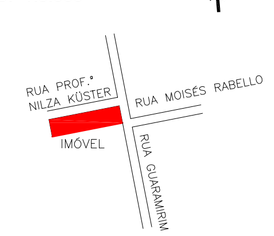
DATA: JULHO/2009

ESCALA: Indicada

DESENHO: JOÃO

SITUAÇÃO:

ESC. 1:5.000



QUADRO DE ÁREAS:

ÁREA EXISTENTE:.....256,65 m2

ÁREA À CONSTRUIR SEGUNDA ETAPA: 89,18 m2
ÁREA TOTAL:.....345,71 m2

ÁREA TERRENO MAT. 14.459.....1.054,00 m2

ÁREA TERRENO MAT. 13.022.....600,00 m2

ÁREA TOTAL TERRENO.....1.654,00 m2

TAXA DE OCUPAÇÃO TOTAL.....20,90 %

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE SCHROEDER

RESP. TÉCNICO:

JOÃO RAPHAEL L. ONEDA
ENG. CIVIL - CREA 069.906-6

SAÚDE:

PREFEITURA: