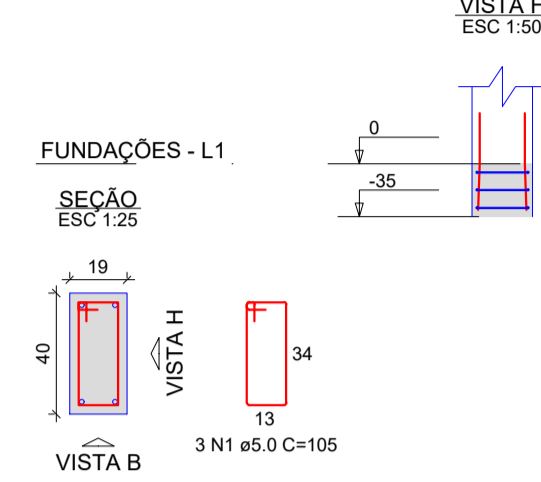


P1=P3=P4=P5=P6=P7=P8=P9=P10=P11=  
 =P12=P13=P14=P15=P16=P17=P18=P19=  
 =P21=P22=P23=P27=P35=P40=P52=P53=  
 =P54=P55=P56=P57=P58=P59=P60=P61=  
 =P62=P63=P64=P67=P69=P71=P73=P76=  
 =P78=P80=P82=P84=P86=P90=P92=P94=  
 =P96=P99=P101=P103=P105=P107=  
 =P111=P112=P113=P116=P117=P118=  
 =P121=P122=P123=P126=P127=P129=  
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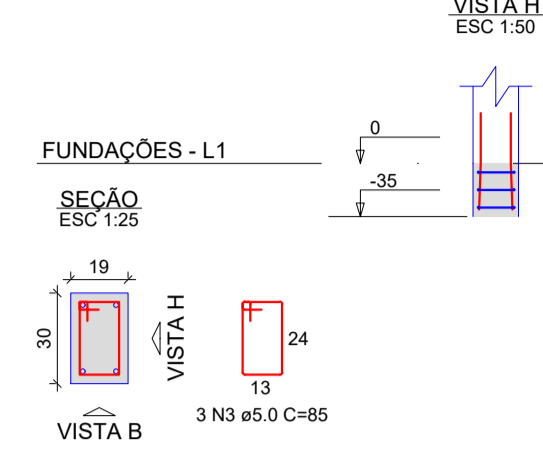
P2=P47



P20



P24=P25=P26=P28=P31=P32=P38=P39=  
 =P41=P42=P43=P45=P46



P29=P36



RELAÇÃO DO AÇO

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	250	105	26250
P33	2	5.0	15	38	420
P44	3	5.0	58	85	4930
2xP88	4	5.0	12	75	900
2xP75	5	5.0	12	28	336
P88	6	5.0	8	23	184
P97	7	5.0	8	75	600
P109	8	6.3	4	86	344
P125	9	6.3	68	186	7314
P137	10	6.3	12	30	360
	11	6.3	4	30	120
	12	8.0	9	86	774
	13	8.0	61	106	6466
	14	10.0	474	82	38968
	15	10.0	19	107	2033
	16	10.0	12	87	1044
	17	12.5	128	100	12800
	18	16.0	28	120	3360

RESUMO DO AÇO

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	81.4	19.9
	8.0	72.4	28.6
	10.0	419.4	258.0
	12.5	128	123.3
CA60	5.0	336.2	51.8

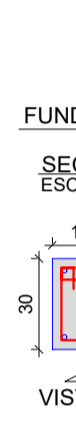
PESO TOTAL (kg) 483.4  
 CA50 483.4  
 CA60 51.8

Volume de concreto (C-30) = 3.64 m³  
 Área de forma = 57.59 m²

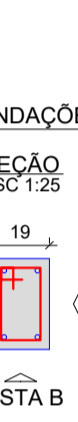
P30



P33



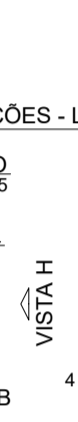
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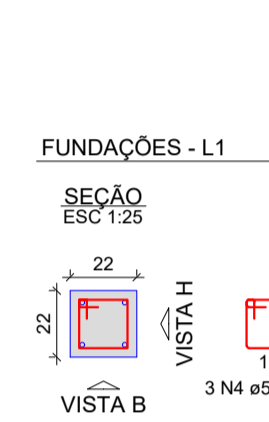
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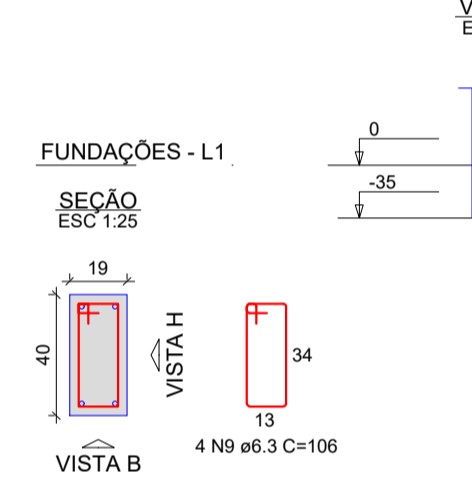
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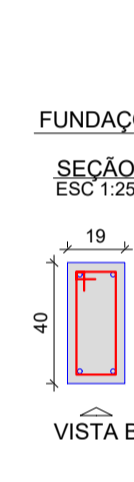
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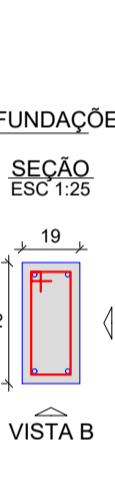
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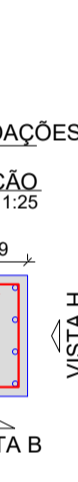
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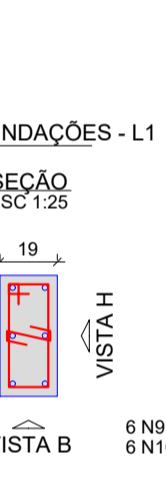
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P74



P75=P120



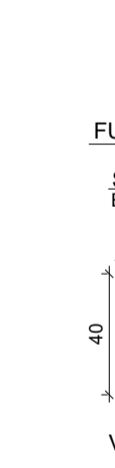
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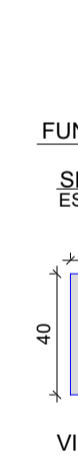
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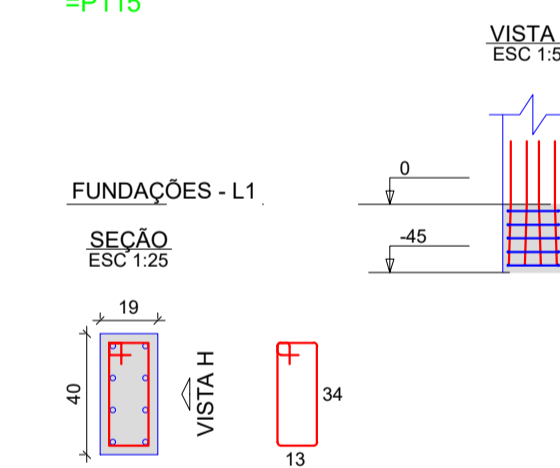
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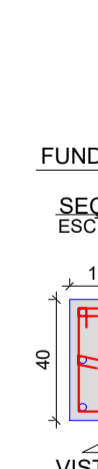
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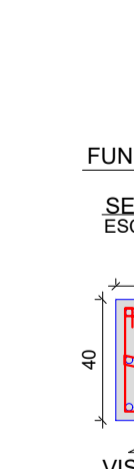
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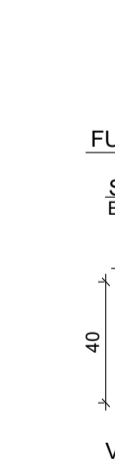
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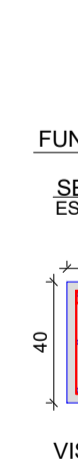
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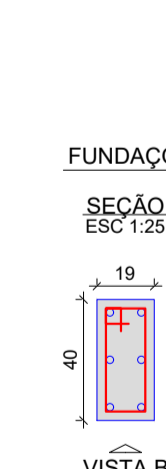
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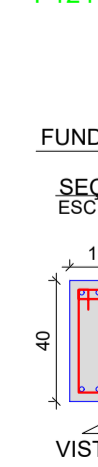
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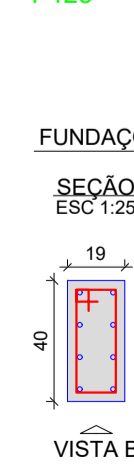
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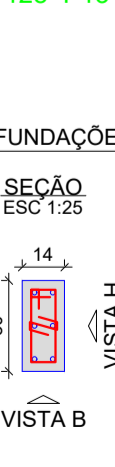
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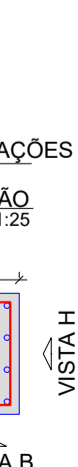
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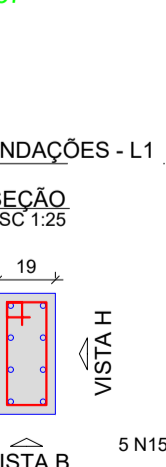
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P136



P137



**PREFEITURA MUNICIPAL DE Bady Bassitt - SP**  
 CNPJ 45.093.267/0001-09

**CRS ENGENHARIA**

Descrição: **ESTRUTURA DE CONCRETO**  
 EDIFICAÇÃO: DET. PILARES 01-02 - ARMAÇÃO DE ARRANQUE

Folha: **CON 05/25**

Objeto: **CONSTRUÇÃO DE UMA ESCOLA DE ENSINO FUNDAMENTAL I NA ÁREA INSTITUCIONAL DO JARDIM TANGARÁ, EM Bady Bassitt - SP**

Autor Projeto: **JOSMAR NASCIMENTO RODRIGUES**  
 ENGENHEIRO CIVIL  
 CREA 51781-SP/SP

Proprietário: **LUIZ ANTONIO TOBARINI**  
 PREFEITO MUNICIPAL

Proprietário: **PREFEITURA MUNICIPAL DE Bady Bassitt - SP**

Endereço: **ENTRE RUA 02 E RUA 03, LOTEAMENTO JD. TANGARÁ**

Município: **Bady Bassitt** Estado: **SP**

Matrícula / Transcrição: **-** Contrato nº: **-**

Coordenadas Geográficas / SAD69:  
**20°55'35.8"S 49°27'52.0"W**

Escala: **INDICADAS** Data: **04/11/2021** Data Última Revisão: **17/03/2022** ART nº: **2.802.723.021.146.630-9**