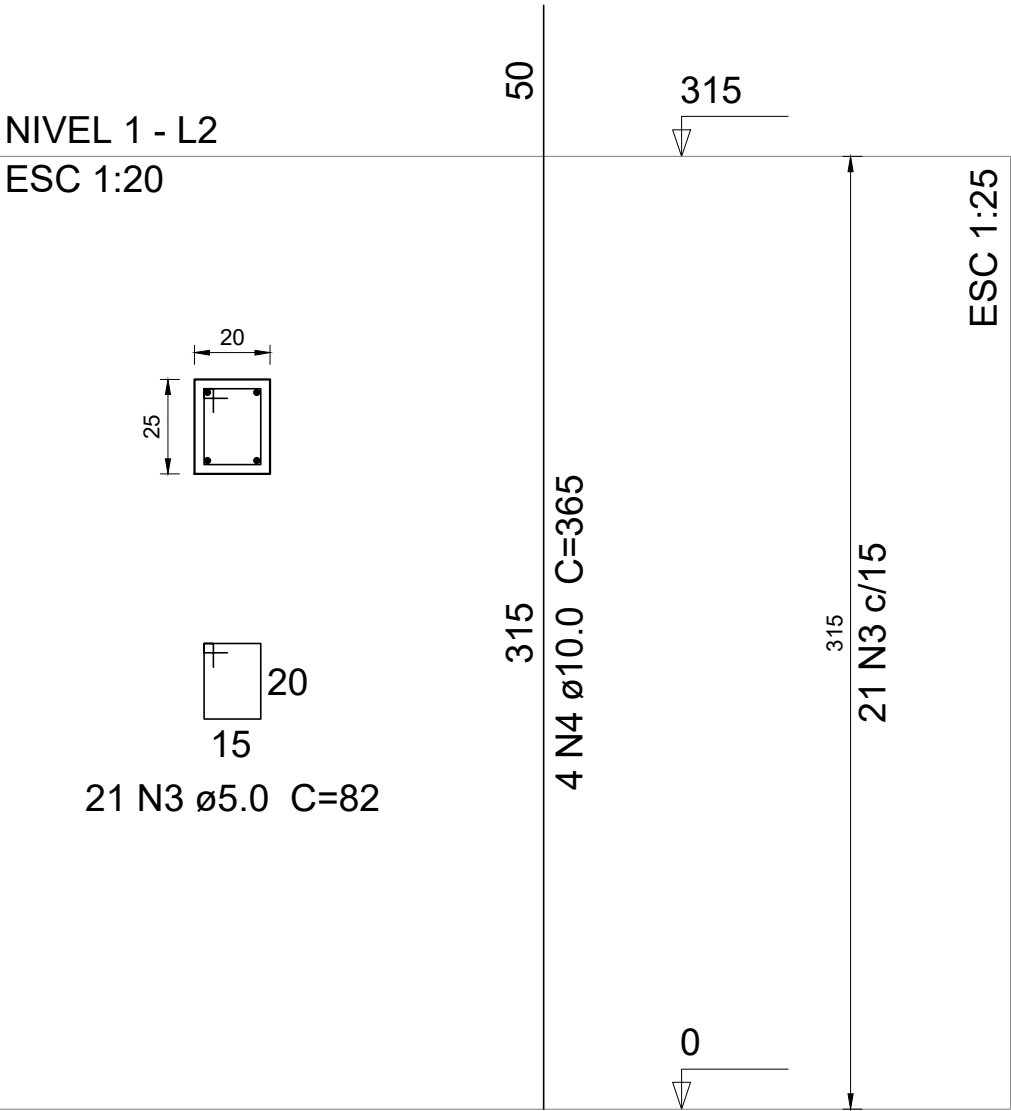
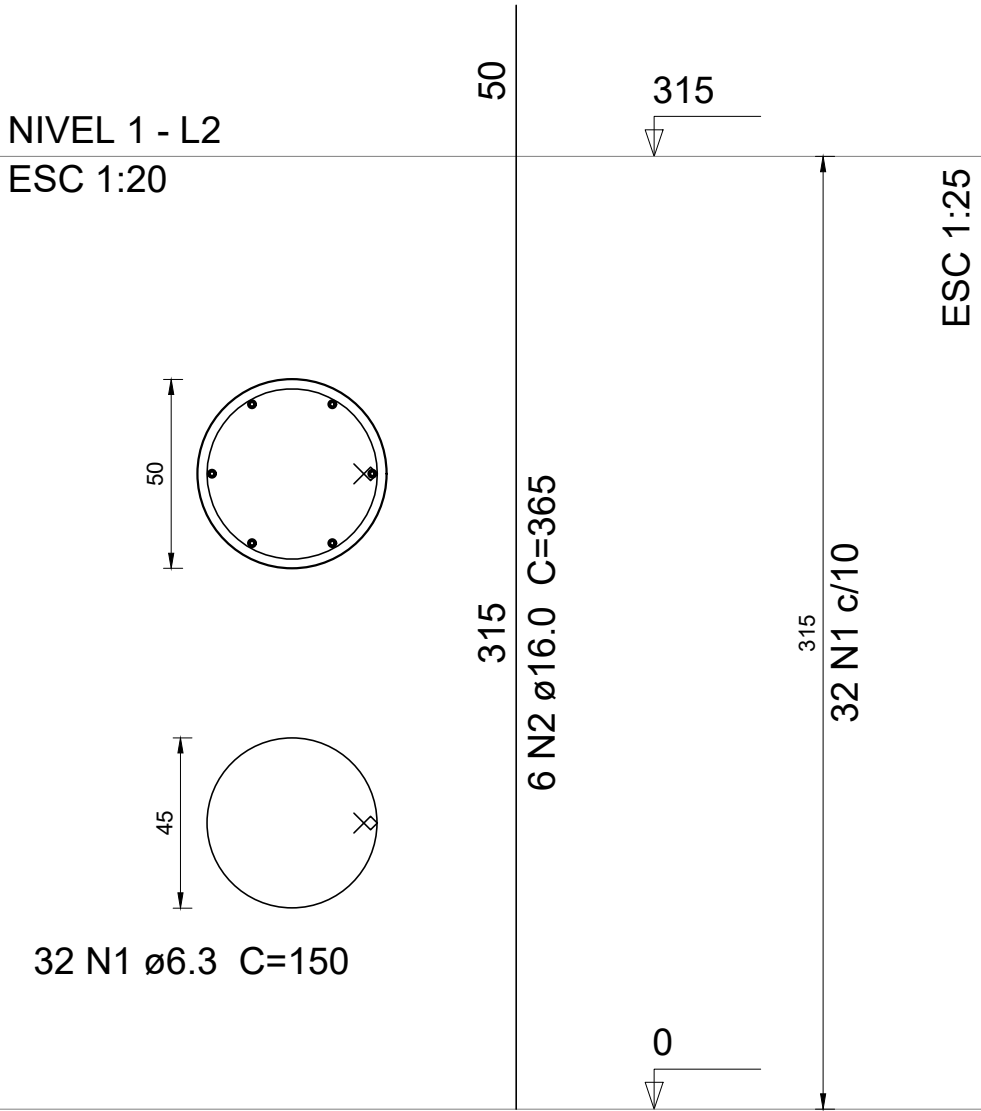
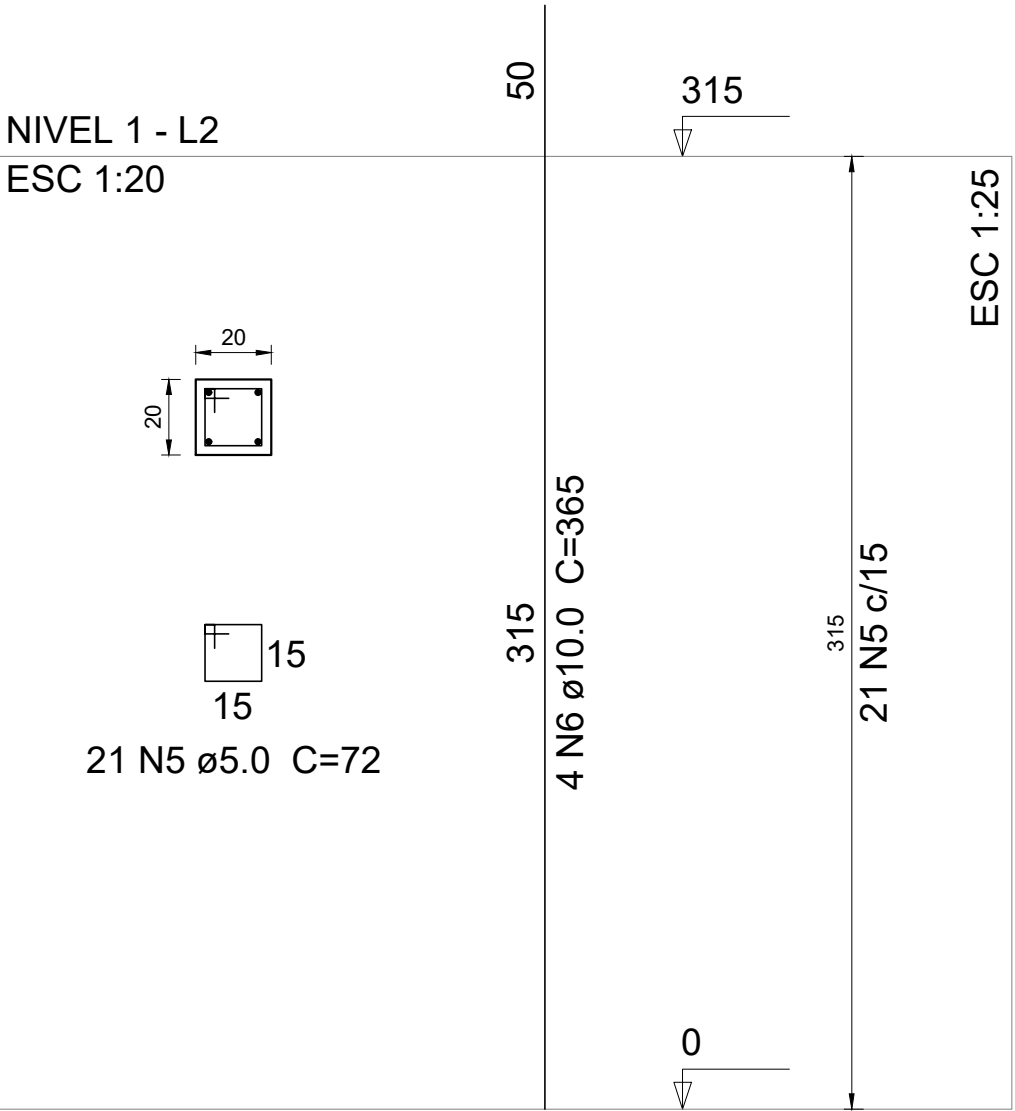


P3=P4=P5=P6=P7=P8=P9=P10=P11=P12=P13=P14
=P15=P16=P17=P18=P19=P20=P21=P22=P23
=P24=P25=P26=P27=P28=P29=P30=P31=P32
=P33=P34=P35=P36=P37=P38=P39=P40=P41
=P42=P43=P44=P45=P46=P47=P48=P49=P50=P51=P52
=P53=P54=P55=P56=P57=P58=P59=P60=P61=P62=P63=P64
=P65=P66=P67=P68=P69=P70=P71=P72=P73=P74
=P75=P76=P77=P78=P79=P80=P81=P82=P83
=P84=P85=P86=P87=P88=P89=P90=P91=P92
=P93=P94=P95=P96=P97=P98=P99=P100=P101
=P102=P103=P104=P105=P107=P108=P109=P110
=P111=P112=P113=P114=P115=P116=P117=P118
=P119=P126=P127=P130=P131=P133=P134=P135 (123x)

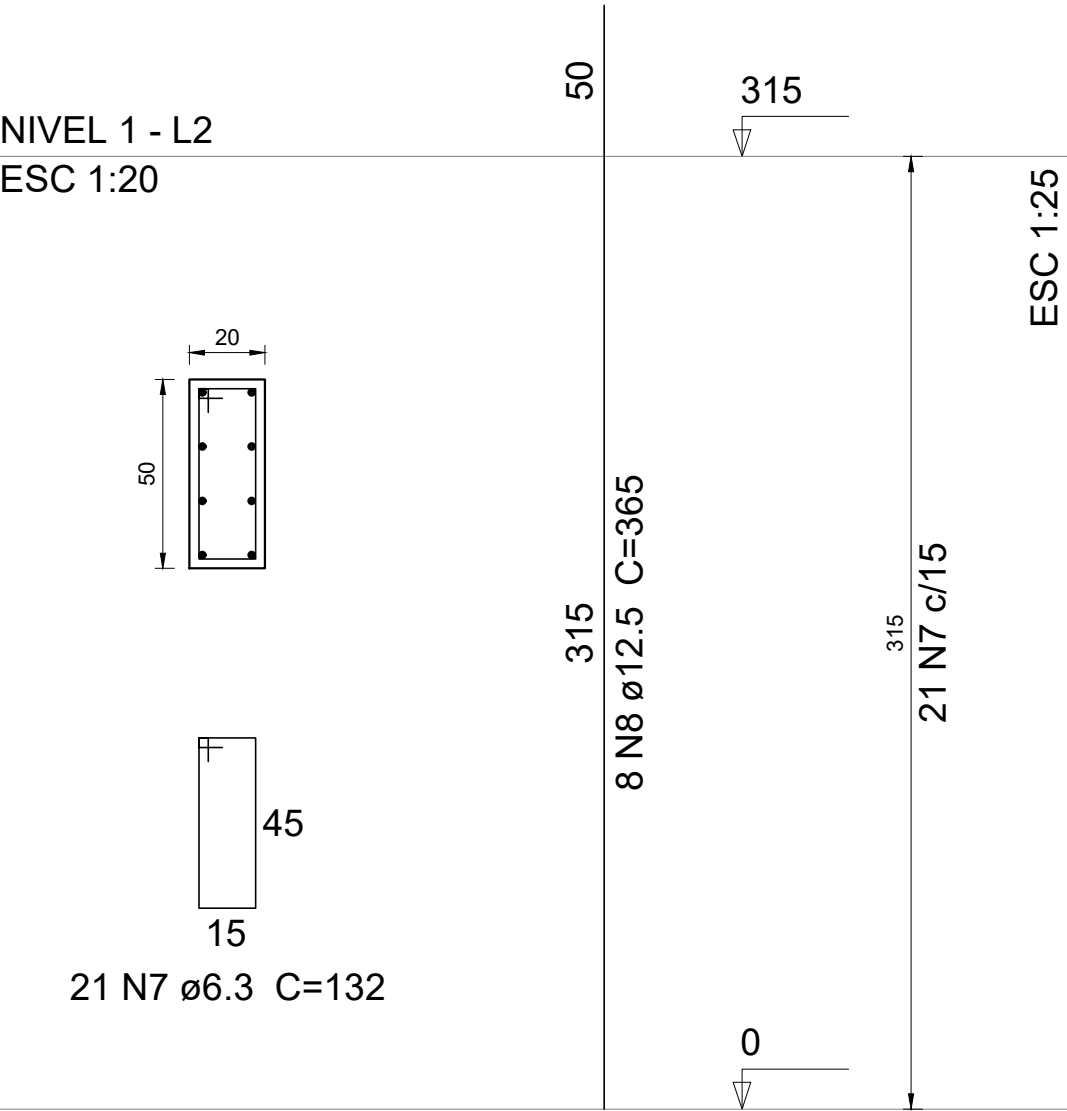
P1=P2=P136=P137



P106



P120=P124=P125



PILARES DO NÍVEL 315.00

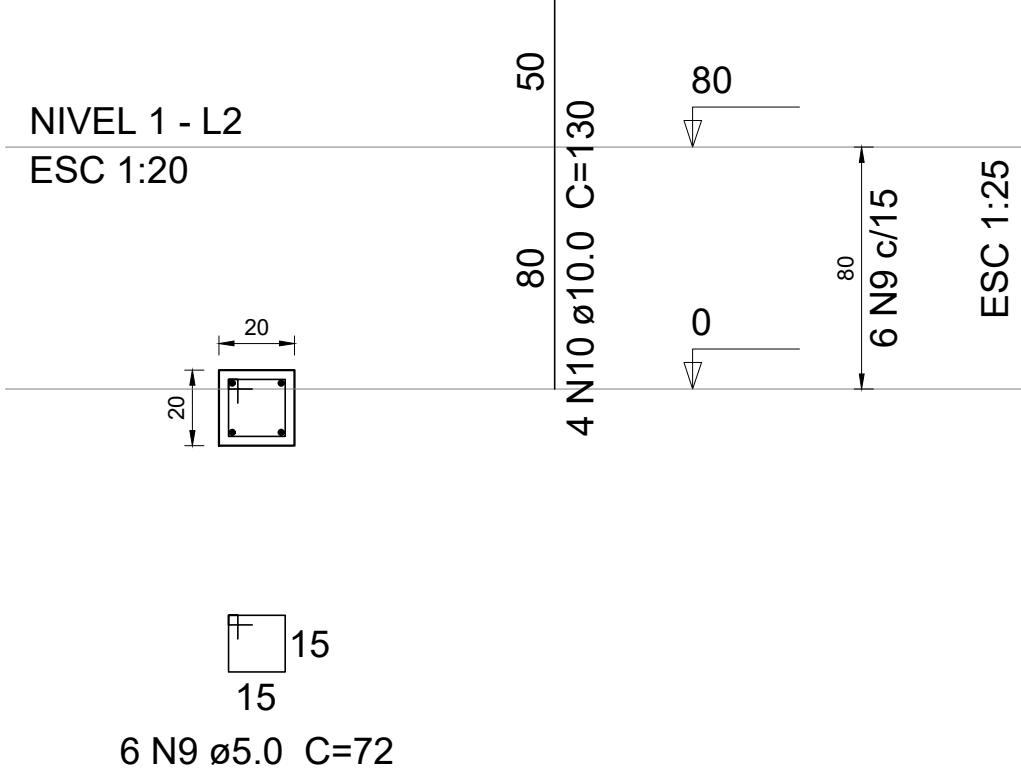
RELAÇÃO DO AÇO						
ELEMENTO	AÇO	N	DIAM.	Q.	UNIT. (cm)	C. TOTAL (cm)
P1 (4x)	CA-50	1	6,3	128	150	19200
	CA-50	2	16,0	24	365	8760
P3 (123x)	CA-60	3	5,0	2583	82	211806
	CA-50	4	10,0	492	365	179580
P106 (1x)	CA-60	5	5,0	21	72	1512
	CA-50	6	10,0	4	365	1460
P120 (3x)	CA-50	7	6,3	63	132	8316
	CA-50	8	12,5	24	365	8760
P121 (3x)	CA-60	9	5,0	18	72	1296
	CA-50	10	10,0	12	130	1560
P128 (1x)	CA-50	11	6,3	21	112	2352
	CA-50	12	12,5	8	365	2920
P13 (2x)	CA-50	13	6,3	42	92	3864
	CA-50	14	12,5	12	365	4380
						455766

RESUMO DO AÇO

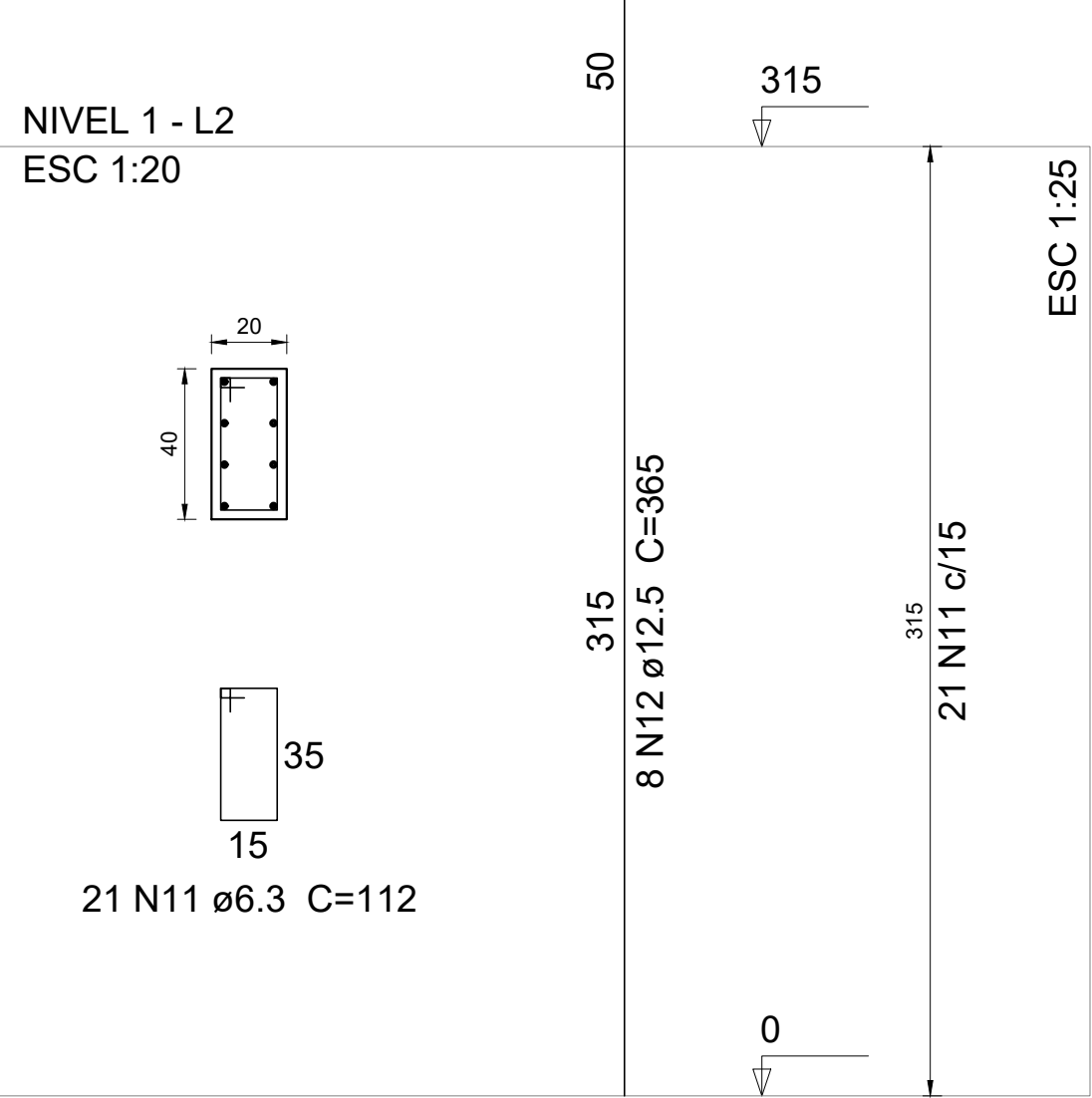
AÇO	DIAM.	C. TOTAL (m)	PESO+10% (kg)
CA-50	6,3	337	91
CA-50	10,0	1826	1239
CA-50	12,5	161	170
CA-50	16,0	88	152
CA-60	5,0	2146	364
PESO TOTAL			
CA-50	1652		
CA-60	364		

Volume concreto(C25) = 24,00 m³
Forma madeira = 239,80 m²

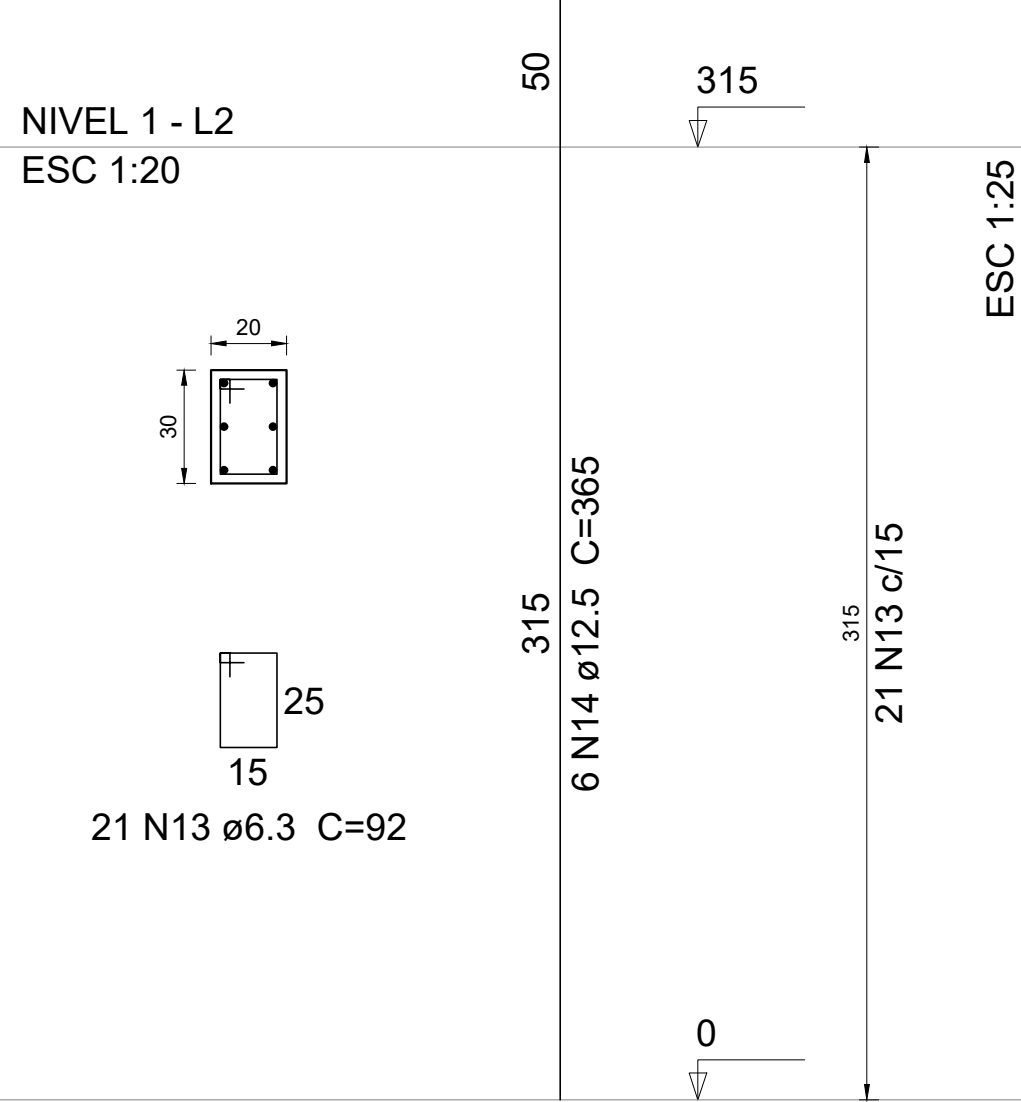
P121=P122=P123



P128



P129=P132



ASSINATURA:

IVANA MARIA BERTOLINI CAMARINHA
PREFEITURA MUNICIPAL DE PEDERNEIRAS

RAPHAEL TRAMONTE LEME
ENGº CIVIL CREA/SP 5069465124

CENTRO DE ESPECIALIDADES ODONTOLÓGICAS (CEO)

TIPO DE OBRA:	PROJETO ESTRUTURAL
ASSUNTO:	AÇO DOS PILARES DO NÍVEL 315.00
PROPRIETÁRIO:	PREFEITURA MUNICIPAL DE PEDERNEIRAS
LOCAL:	RUA GUARDINI FERNANDO ORTIGANI, S/Nº - LT. 1 DA QD. S - PO. IND. "TUAO RAZUK" - PEDERNEIRAS/SP
RESP. PROJETO:	RAPHAEL TRAMONTE LEME - ENGº CIVIL CREA/SP 5069465124
DESENHO:	RANDAL BERGAMASCO - TÉCNICO EM EDIFICAÇÕES CFT/BR 27240264890
DATA:	NOV/2022
ESCALA:	1:100

ANEXO I

F O L H A

19/24