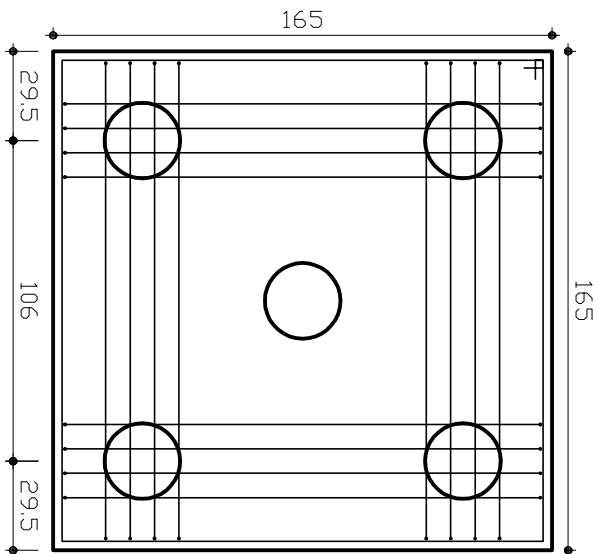
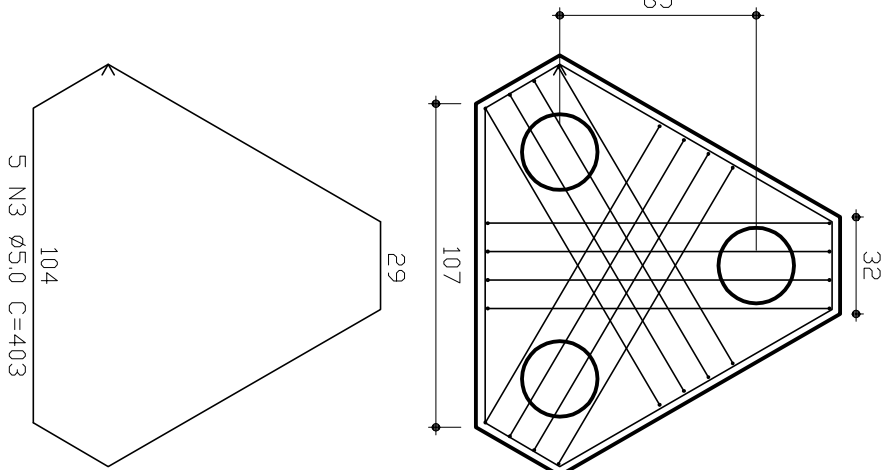


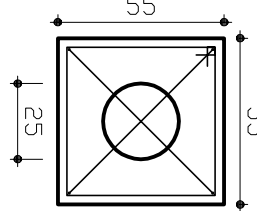
B16
30/25
Planta
ESC 125



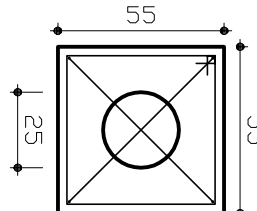
B12
30/25
Planta
ESC 125



B20
10/25
Planta
ESC 125



B8
10/25
Planta
ESC 125



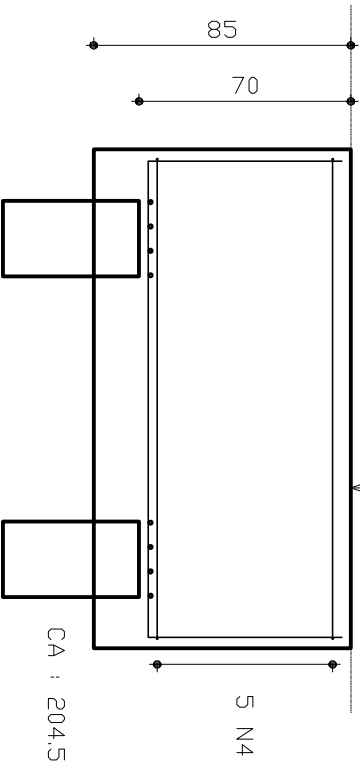
B12
B16

AÇO	N	DIAM	Q	UNIT	C.TOTAL
60	1	5,0	15	(kg)	205
50	2	5,0	15	(kg)	1170
50	3	5,0	5	(kg)	2015
50	4	5,0	12	(kg)	3534
50	5	5,0	16	(kg)	4512

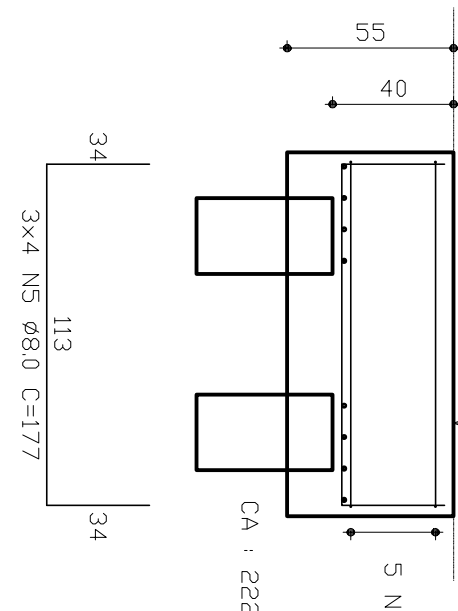
AÇO	DIAM	C.TOTAL	PESQ+10%
CA50	8,0	66,5	28,8
CA60	5,0	95,4	16,2
PESQ TOTAL			28,8
CA50			28,8
CA60			16,2

Vol. concreto (C-25) = 3,26 m³
Área de Forma total = 1087 m²

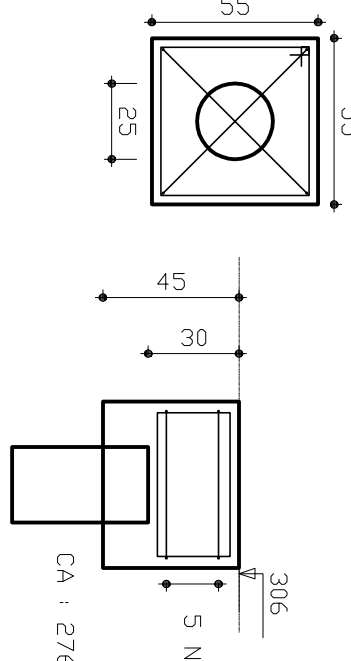
Corte
ESC 125



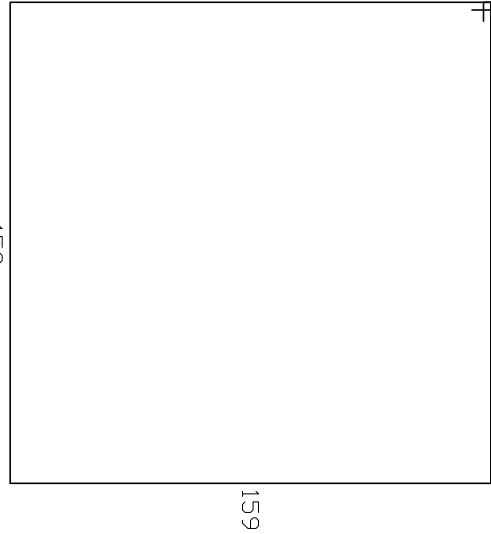
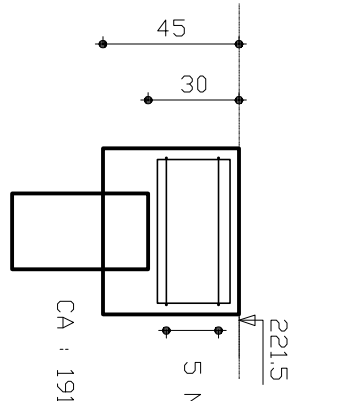
Corte
ESC 125



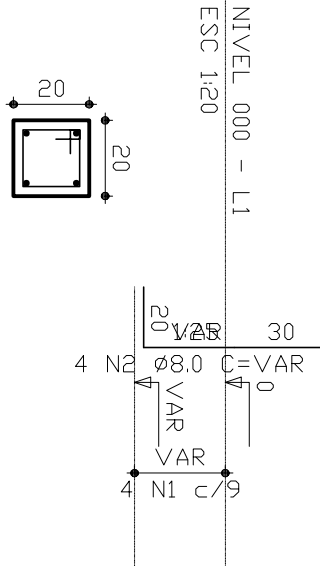
Corte
ESC 125



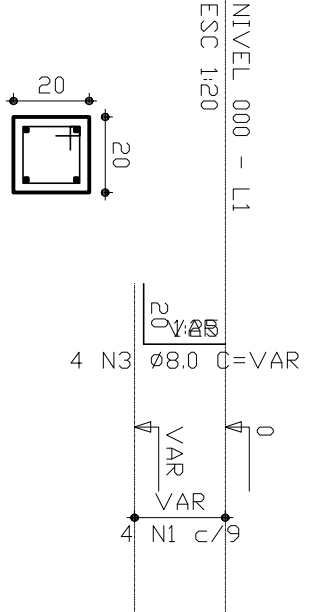
Corte
ESC 125



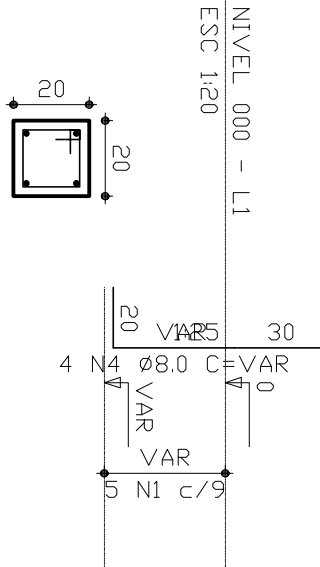
P1=P2=P4



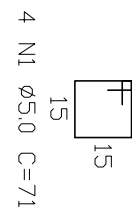
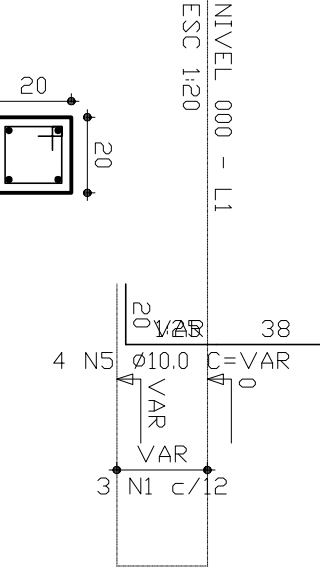
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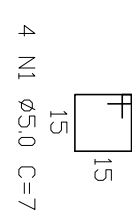
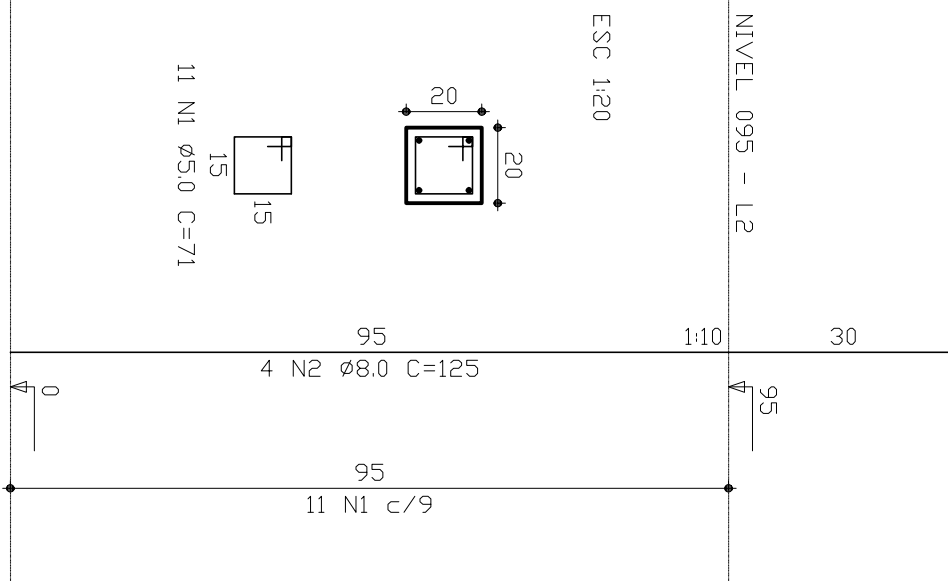
P5



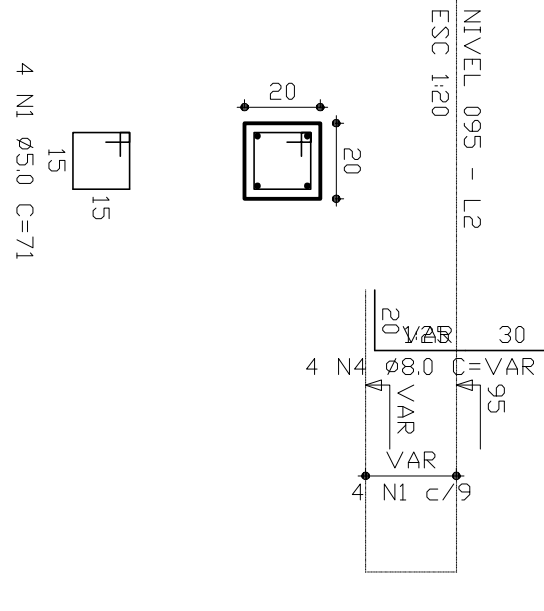
P6



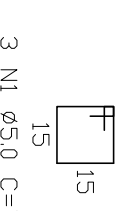
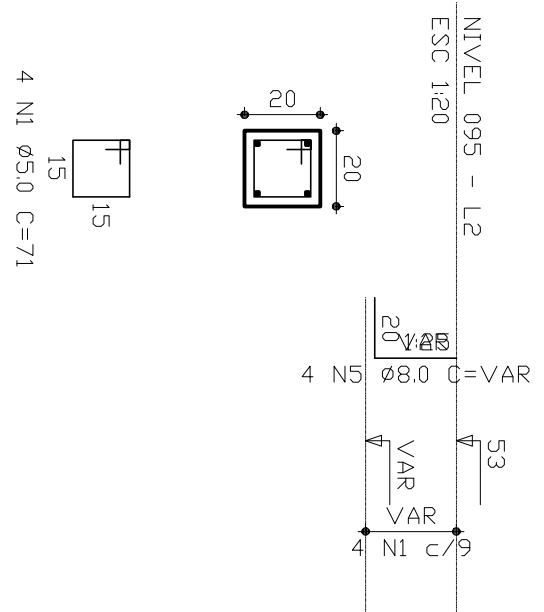
P1=P2=P4=P5



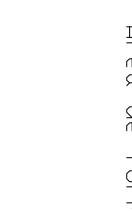
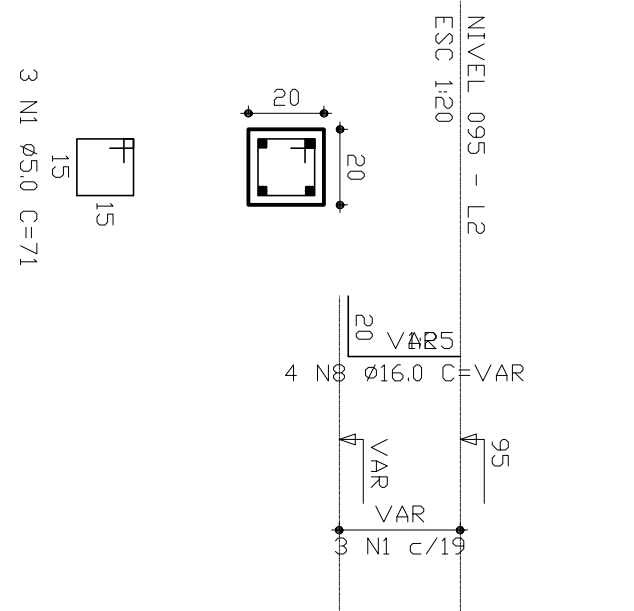
P10=P13=P17



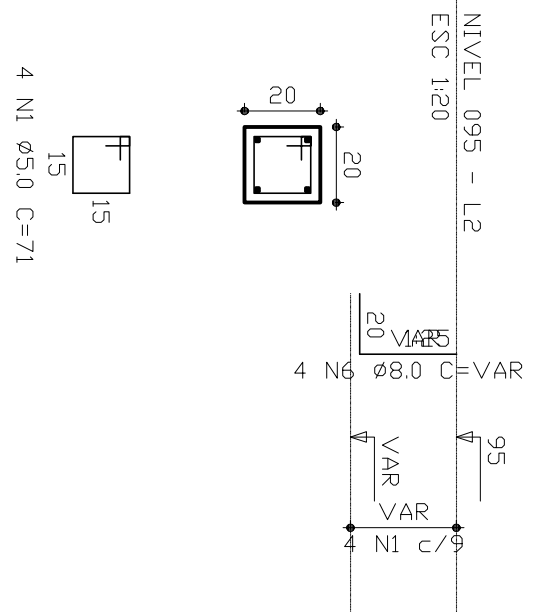
P11



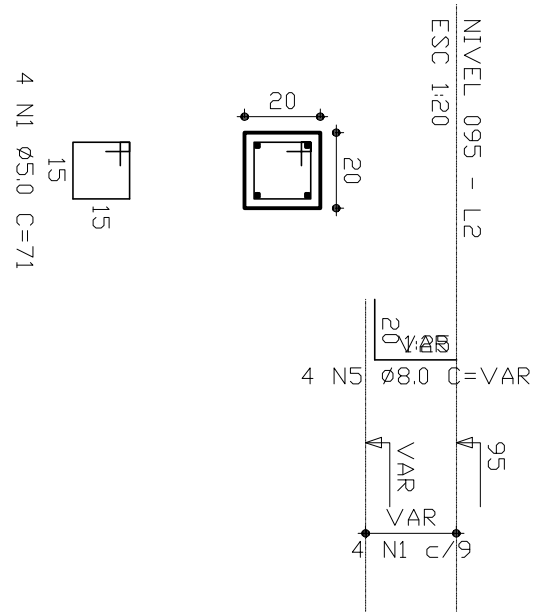
P14



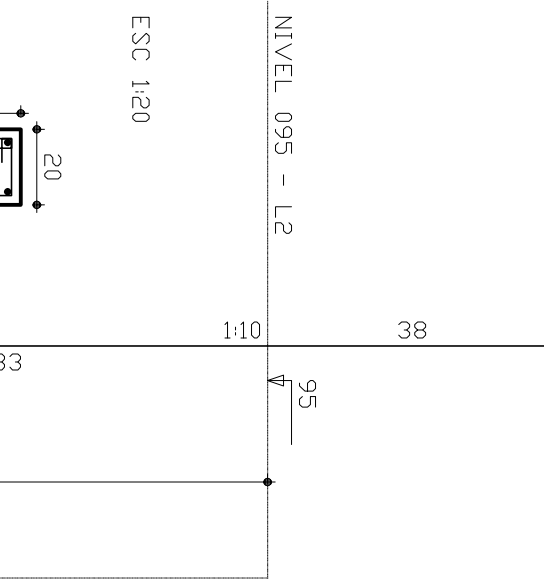
P15



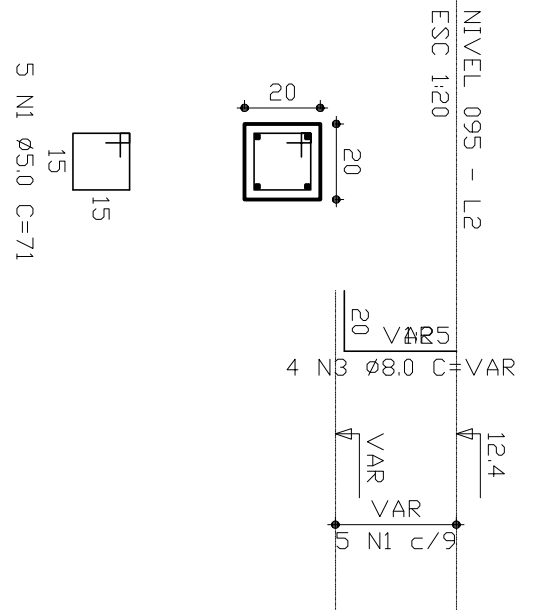
P18



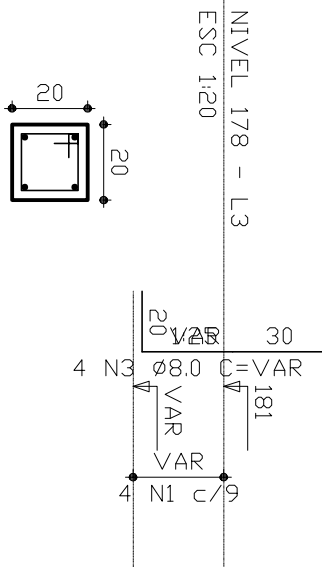
P6



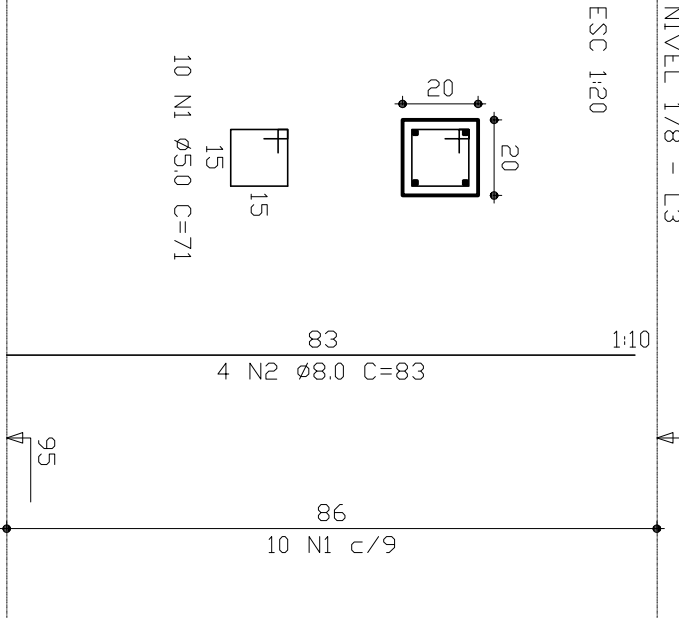
P7



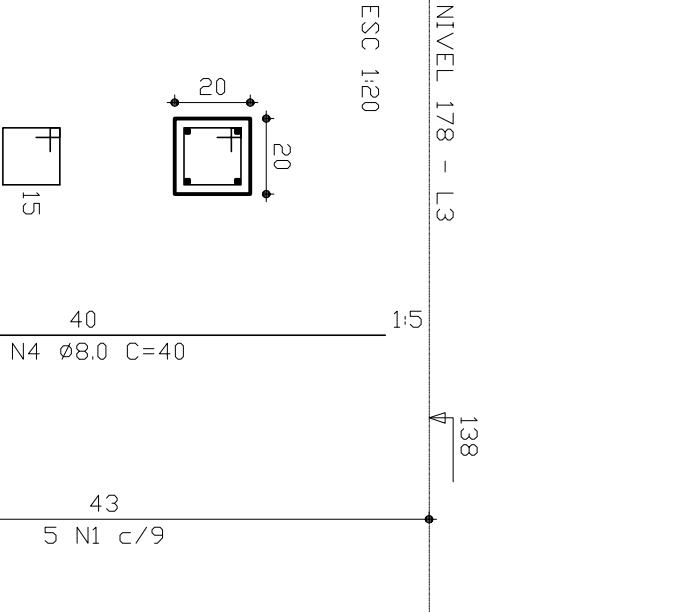
P9



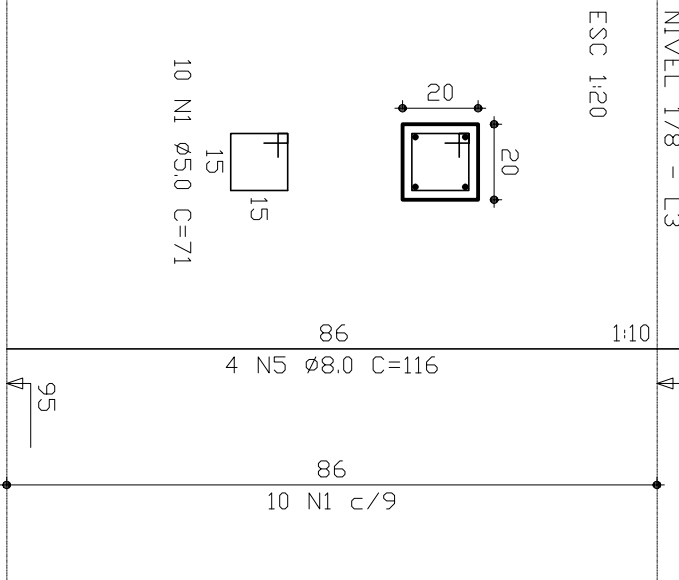
P1=P2=P4=P6



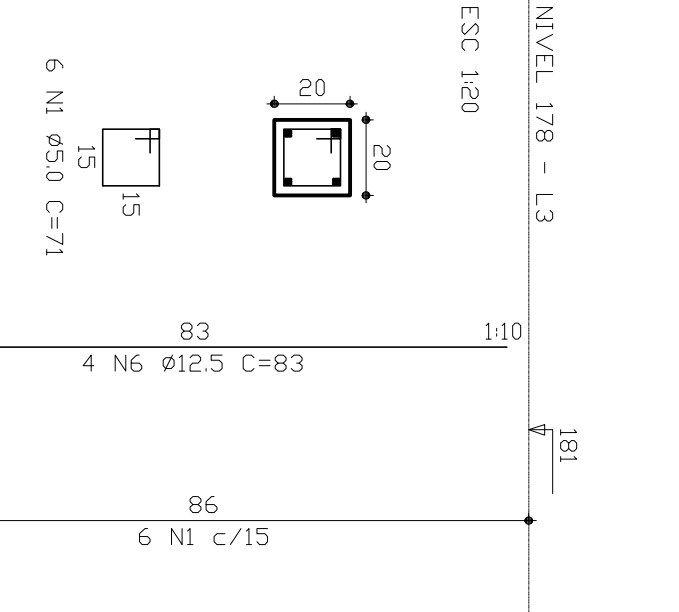
P10



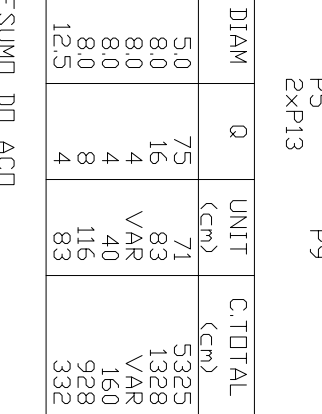
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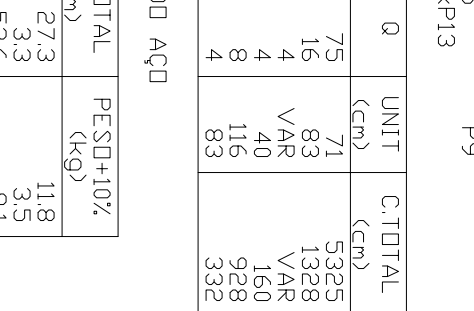
P5



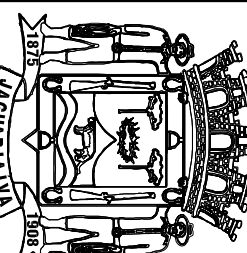
P5



P9



Prefeitura Municipal de Jaguaraiá



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Jaguaraiá - PR - CEP: 84.200-000 - CNPJ 76.910.800/0001-38

Secretaria Municipal de Infraestrutura e Habitação

GESTÃO	2017-2020	TÍTULO:	REPAROS NA ESCOLA MUN. CARLOS CARNEIRO SAMPAIO			
RESPONSÁVEL TÉCNICO:	JOSÉ SLOBODA PROFETOR MUNICIPAL		PROJETO ESTRUTURAL - RAMPAS 02			
EMP/ANA CLAUDIA KRUL CRAVATERIA SCS & C	DATA:	REVISÃO:	ESCALA:	FOLHA:		
	REV. - FEV 2017	ANA CLAUDIA	Indicados	02/06		