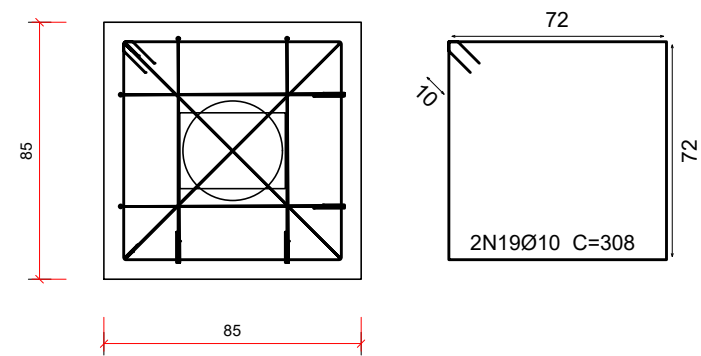
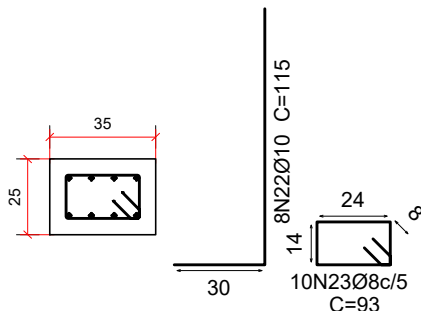


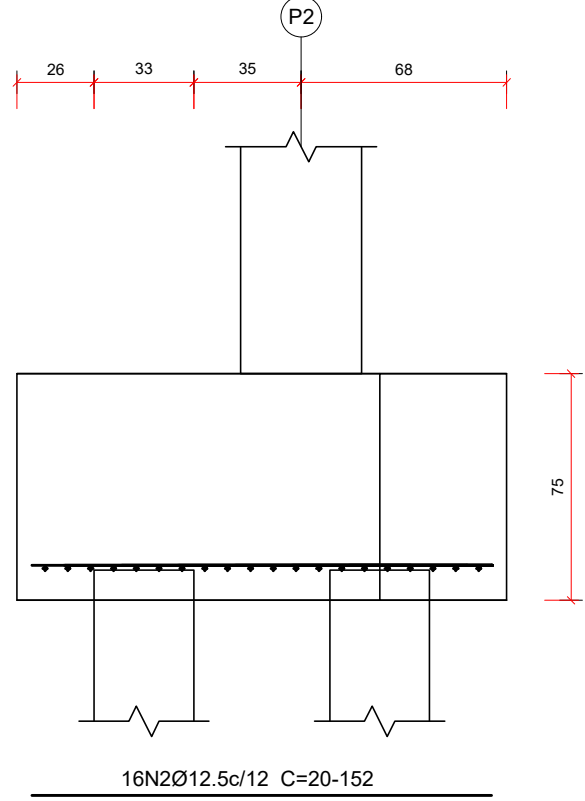
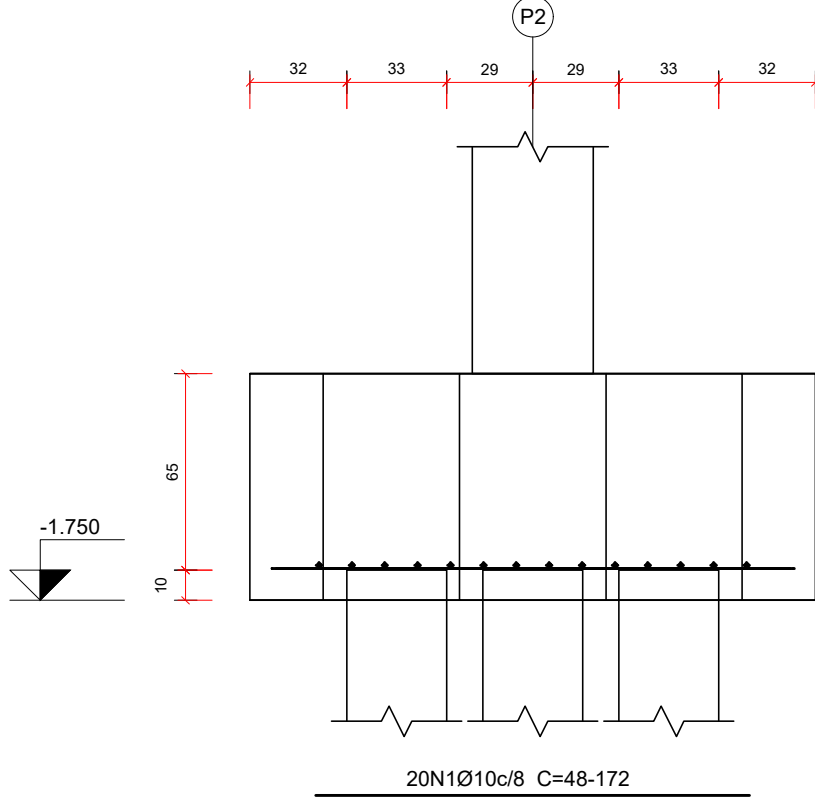
Estacas: C33



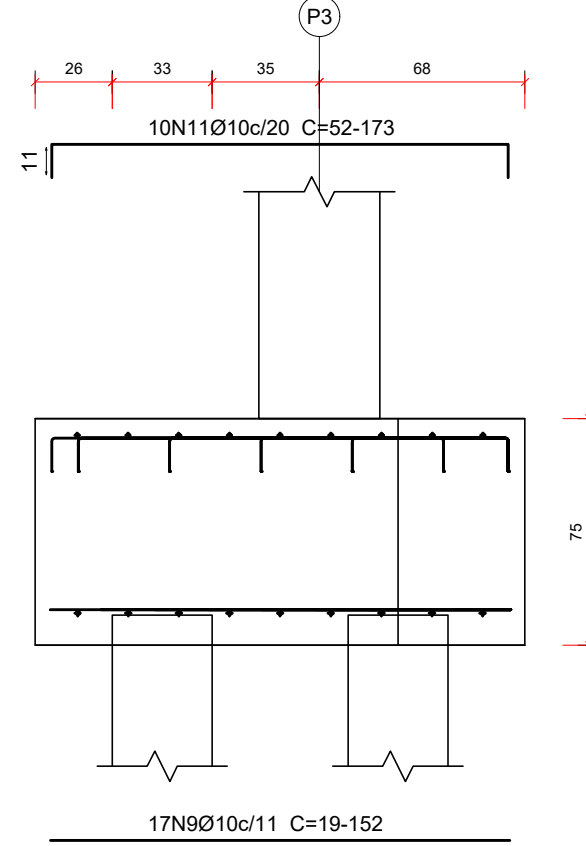
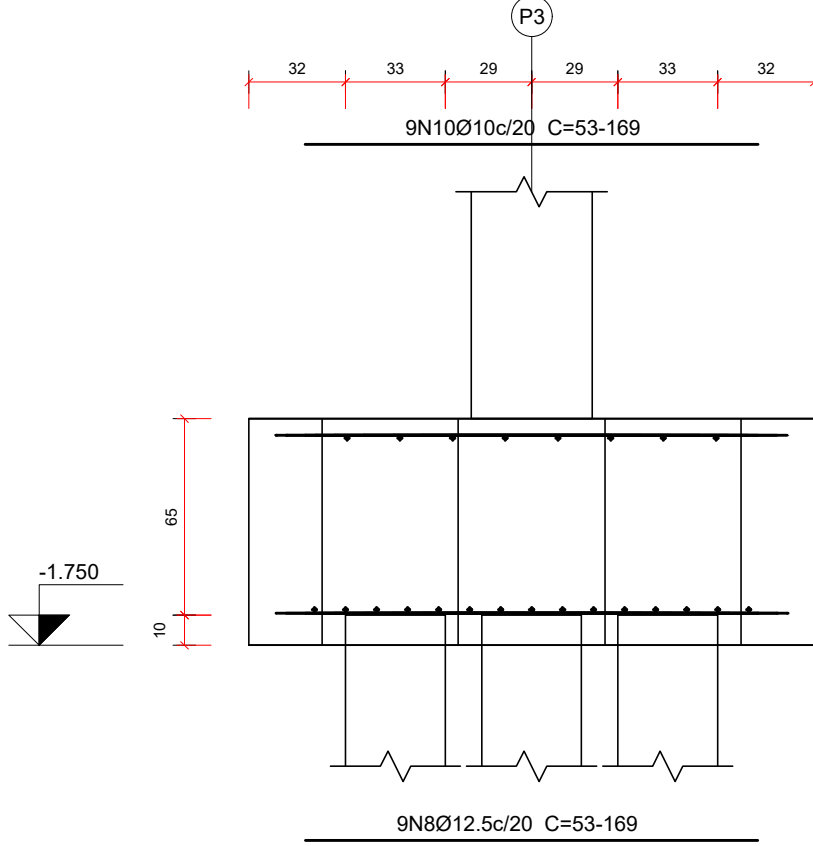
P1, P5, P15 e P19



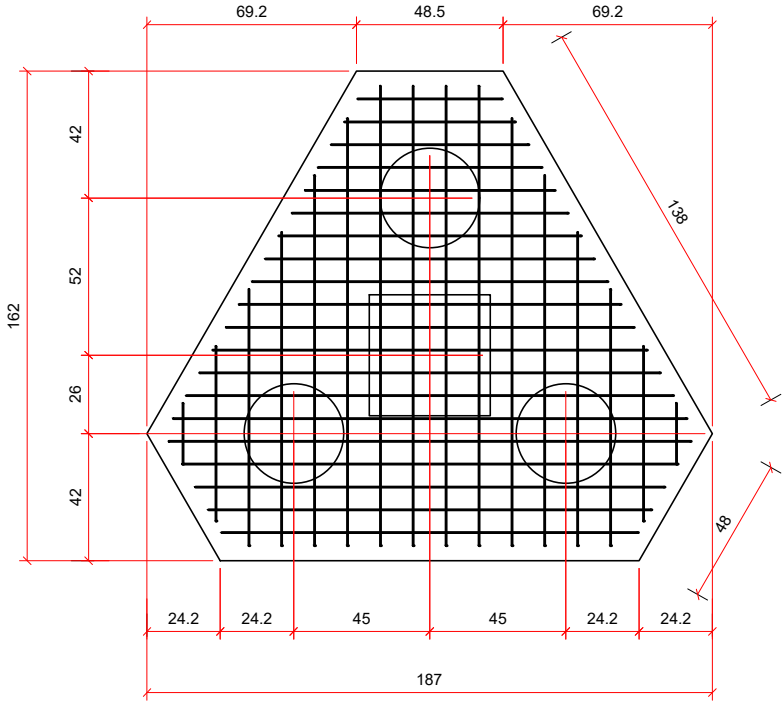
P2



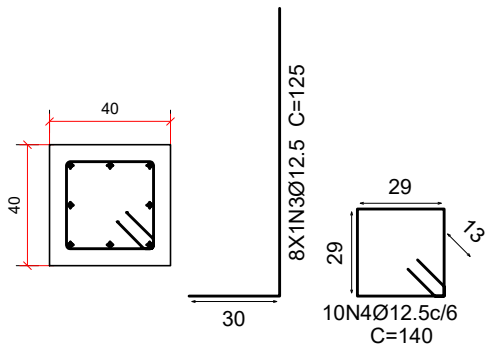
P3



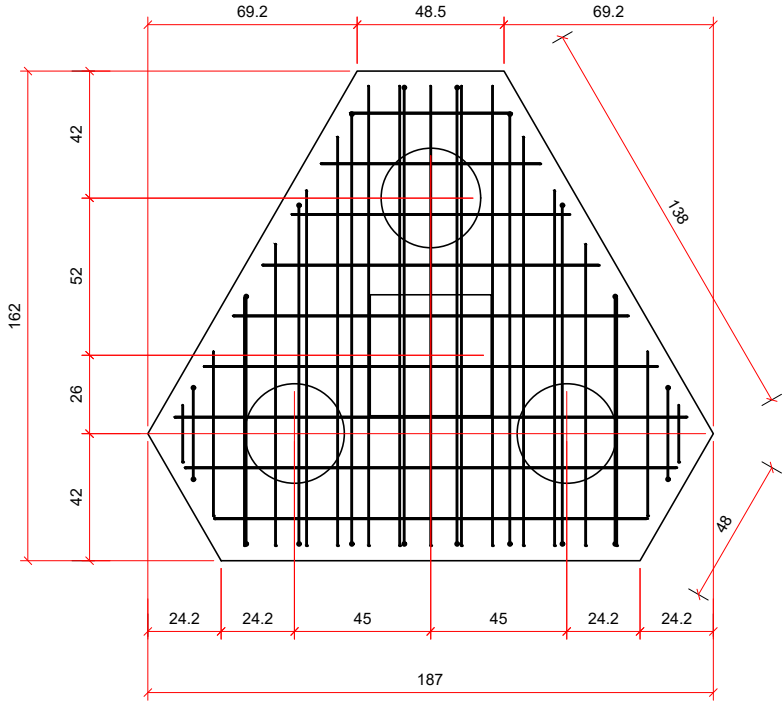
Estacas: C33



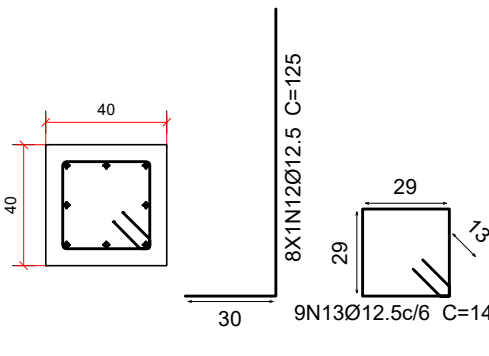
P2



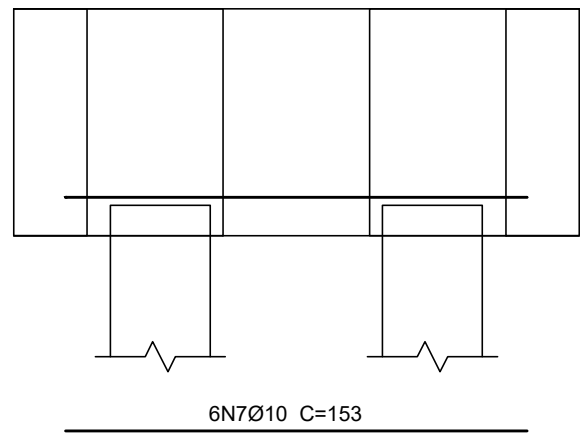
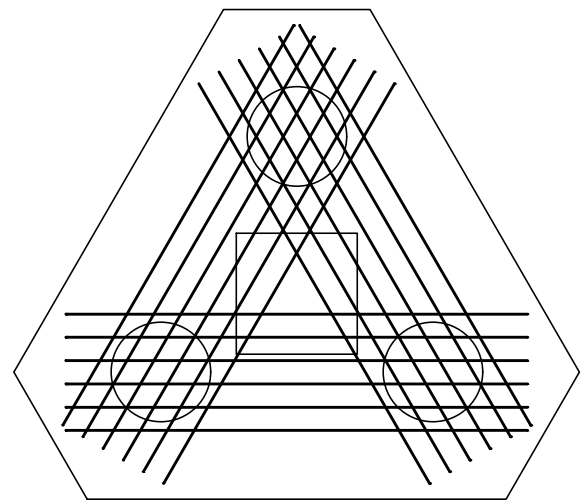
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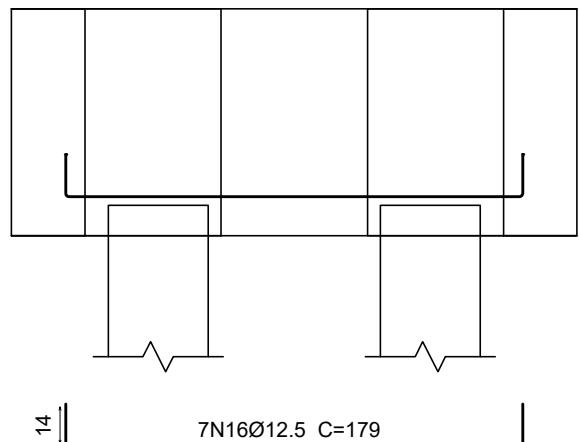
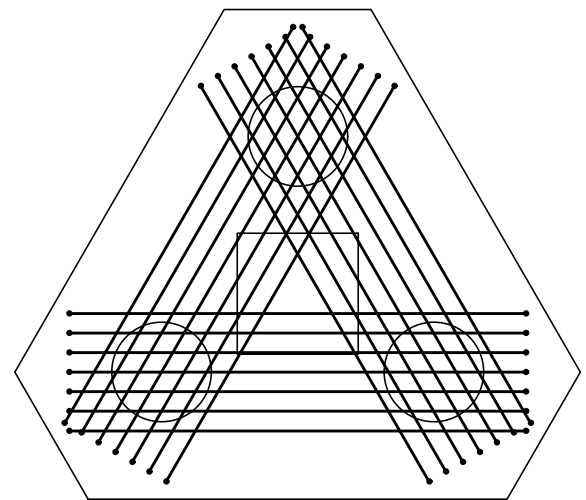
P3



Viga lateral



Viga lateral



Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	
P2	1	Ø10	20					2420	14.9	
	2	Ø12.5	16					1680	16.2	
	3	Ø12.5	8	30	95			125	1000	9.6
	4	Ø12.5	10					140	1400	13.5
	5	Ø10	6					153	918	5.7
	6	Ø10	6					153	918	5.7
	7	Ø10	6					153	918	5.7
Total+10%:									78.4	
P3	8	Ø12.5	9					1089	10.5	
	9	Ø10	17					1785	11.0	
	10	Ø10	9					1089	6.7	
	11	Ø10	10					1260	7.8	
	12	Ø12.5	8	30	95			125	1000	9.6
	13	Ø12.5	9					140	1260	12.1
	14	Ø12.5	7	14	151	14		179	1253	12.1
	15	Ø12.5	7	14	151	14		179	1253	12.1
	16	Ø12.5	7	14	151	14		179	1253	12.1
Total+10%:									103.4	
P1=P5=P15=P19	17	Ø10	2					276	552	3.4
	18	Ø10	2					272	544	3.4
	19	Ø10	2					308	616	3.8
	20	Ø8	1					315	315	1.2
	21	Ø8	1					312	312	1.2
	22	Ø10	8	30	85			115	920	5.7
	23	Ø8	10					93	930	3.7
	Total+10%:									24.5
	(x4):									98.0
									Ø8: 26.8	
									Ø10: 134.8	
									Ø12.5: 118.6	
									Total: 279.8	

ESTE PROJETO NÃO PODERÁ SOFRER MODIFICAÇÕES SEM A PRÉVIA AUTORIZAÇÃO DO DEPARTAMENTO DE ENGENHARIA DA PRODESAN

OBRAS / PROJETO

DEOP - ALMOXARIFADO CENTRAL E DILUIÇÃO

LOCAL

RUA RANGEL PESTANA, Nº156 - JABAQUARA / SANTOS - SP

TÍTULO

PROJETO FUNDAÇÃO

ARMAÇÃO DOS BLOCOS - P1, P2, P3, P5, P15, P19

ESCALA

1:25

DATA

10/11/2023

ARQUIVO

162 FU.dwg

EXECUTIVO

FUNDAÇÃO

FU 3

FOLHA

00

PROJETO ENGº/ENGº

LEANDRO SOARES VALDEZ

COLABORAÇÃO

KATIA BARROS

PRODESAN

PROGRESSO E DESENVOLVIMENTO DE SANTOS