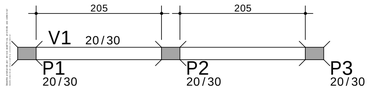
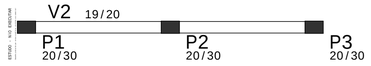
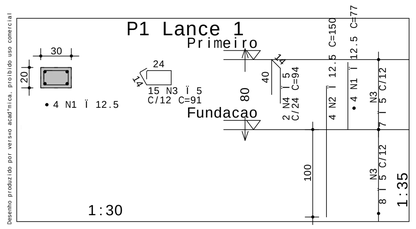
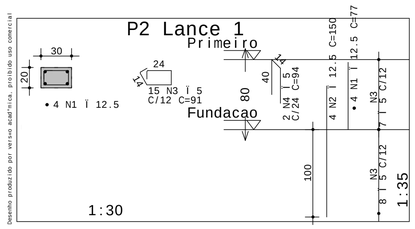


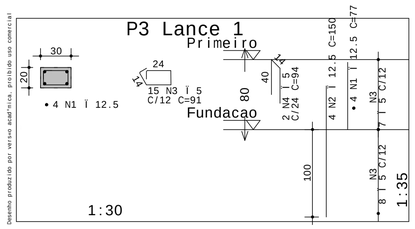


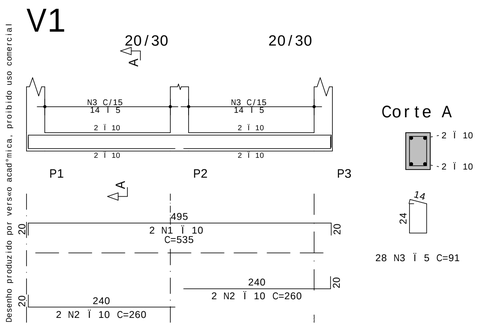
A¢O	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
P1 Lance 1					
50A	1	12.5	4	77	308
50A	2	12.5	4	150	600
60A	3	5	15	91	1365
60A	4	5	2	94	188
P2 Lance 1					
50A	1	12.5	4	77	308
50A	2	12.5	4	150	600
60A	3	5	15	91	1365
60A	4	5	2	94	188
P3 Lance 1					
50A	1	12.5	4	77	308
50A	2	12.5	4	150	600
60A	3	5	15	91	1365
60A	4	5	2	94	188
V1					
50A	1	10	2	535	1070
50A	2	10	4	260	1040
60A	3	5	28	91	2548
V2					
50A	1	6.3	2	515	1030
50A	2	8	4	250	1000
60A	3	5	42	69	2898

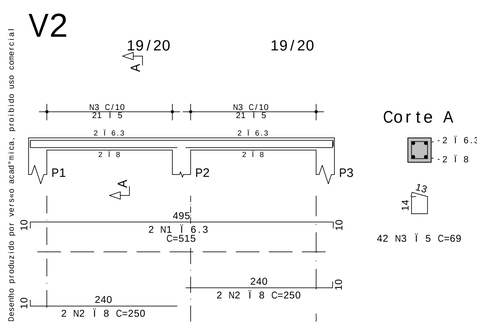
RESUMO DE A¢O			
A¢O	BIT	COMPR	PESO
	mm	m	kgf
60A	5	101	16
50A	6.3	10	3
50A	8	10	4
50A	10	21	13
50A	12.5	27	26
Peso Total	60A =		16 kgf
Peso Total	50A =		46 kgf











ESTUDO - NÃO EXECUTAR

CONCRETO fck = MPa ECS = MPa			OBRA Nº
CLIENTE			DES. Nº
OBRA			
TITULO			REV. Nº
DATA	ESCALA	DESENHO / COORD.	ENG Nº

Desenho produzido por versão acadêmica, proibido uso comercial
TQS VERSÃO EDUCACIONAL NTO COMERCIAL PE_MUR-PIL-PIL-001-R00.PLT 23/09/2021 10:44:34