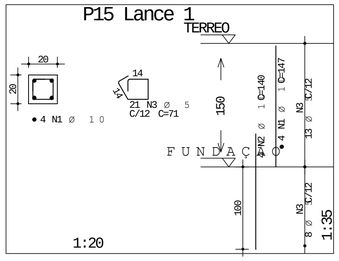

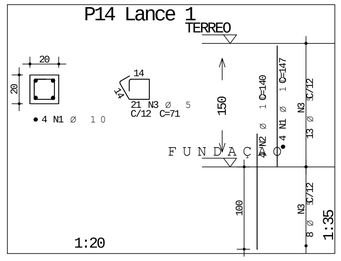

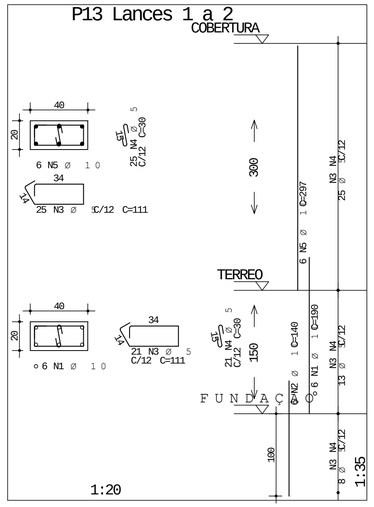

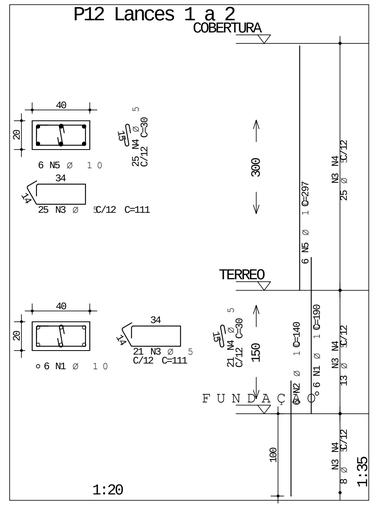

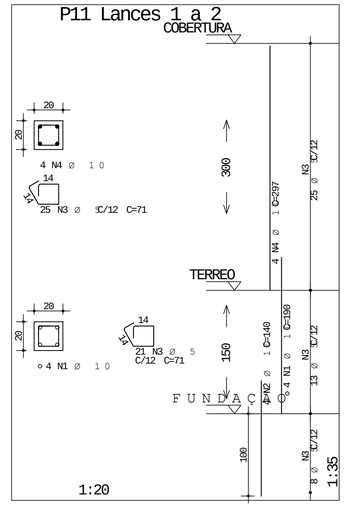

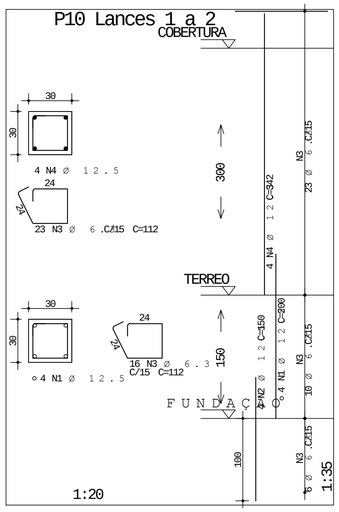

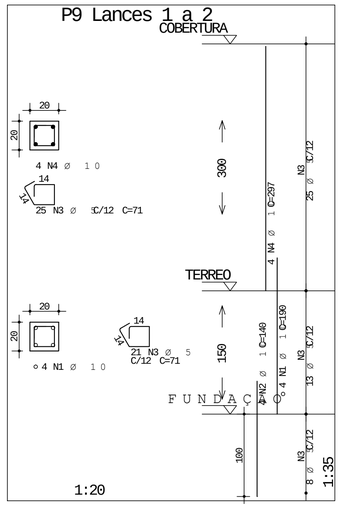

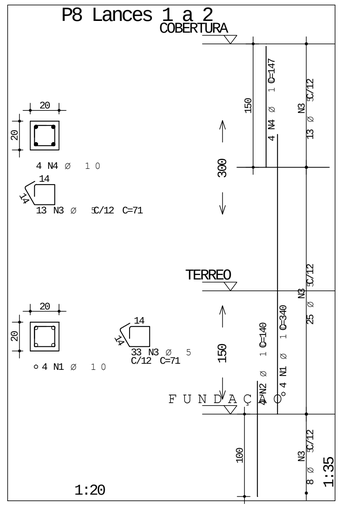

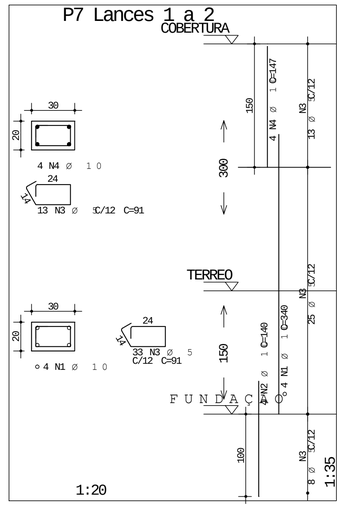

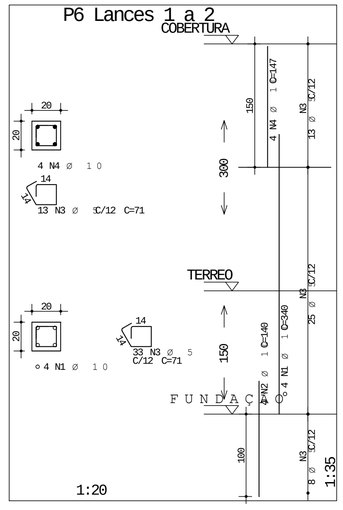

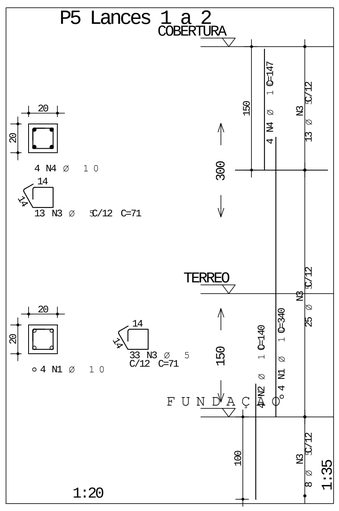

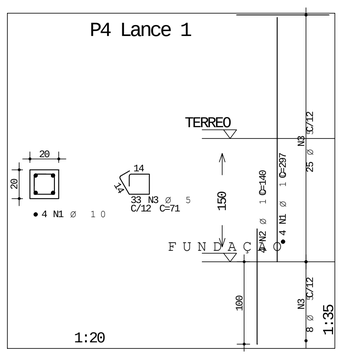

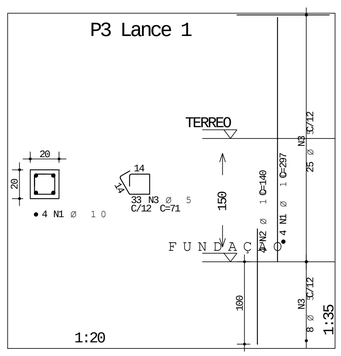

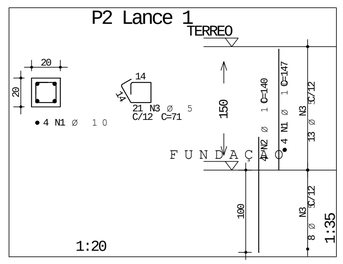

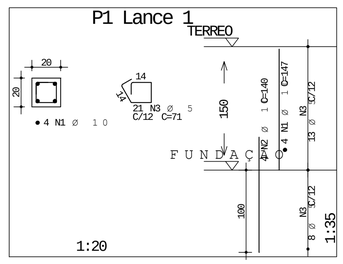

AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
P1 Lance 1					
	50A	1	10	4	147	588
	50A	2	10	4	140	560
	60B	3	5	21	71	1491
P2 Lance 1					
	50A	1	10	4	147	588
	50A	2	10	4	140	560
	60B	3	5	21	71	1491
P3 Lance 1					
	50A	1	10	4	297	1188
	50A	2	10	4	140	560
	60B	3	5	33	71	2343
P4 Lance 1					
	50A	1	10	4	297	1188
	50A	2	10	4	140	560
	60B	3	5	33	71	2343
P5 Lances 1 a 2					
	50A	1	10	4	340	1360
	50A	2	10	4	140	560
	60B	3	5	46	71	3266
	50A	4	10	4	147	588
P6 Lances 1 a 2					
	50A	1	10	4	340	1360
	50A	2	10	4	140	560
	60B	3	5	46	71	3266
	50A	4	10	4	147	588
P7 Lances 1 a 2					
	50A	1	10	4	340	1360
	50A	2	10	4	140	560
	60B	3	5	46	91	4186
	50A	4	10	4	147	588
P8 Lances 1 a 2					
	50A	1	10	4	340	1360
	50A	2	10	4	140	560
	60B	3	5	46	71	3266
	50A	4	10	4	147	588
P9 Lances 1 a 2					
	50A	1	10	4	190	760
	50A	2	10	4	140	560
	60B	3	5	46	71	3266
	50A	4	10	4	297	1188
P10 Lances 1 a 2					
	50A	1	12.5	4	200	800
	50A	2	12.5	4	150	600
	50A	3	6.3	39	112	4368
	50A	4	12.5	4	342	1368
P11 Lances 1 a 2					
	50A	1	10	4	190	760
	50A	2	10	4	140	560
	60B	3	5	46	71	3266
	50A	4	10	4	297	1188
P12 Lances 1 a 2					
	50A	1	10	6	190	1140
	50A	2	10	6	140	840
	60B	3	5	46	111	5106
	60B	4	5	46	30	1380
	50A	5	10	6	297	1782
P13 Lances 1 a 2					
	50A	1	10	6	190	1140
	50A	2	10	6	140	840
	60B	3	5	46	111	5106
	60B	4	5	46	30	1380
	50A	5	10	6	297	1782
P14 Lance 1					
	50A	1	10	4	147	588
	50A	2	10	4	140	560
	60B	3	5	21	71	1491
P15 Lance 1					
	50A	1	10	4	147	588
	50A	2	10	4	140	560
	60B	3	5	21	71	1491

RESUMO AÇO CA 50-60

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	441	68
50A	6.3	44	11
50A	10	307	189
50A	12.5	28	27
Peso Total	60B =		68 kg
Peso Total	50A =		227 kg

OBRA N.º 20181

DES. N.º 05

REV. N.º 00

CLIENTE: UENP-CCP

OBRA: BIBLIOTECA - AMPLIAÇÃO

TITULO ARMAÇÃO: P1 Lance 1 / P2 Lance 1
P3 Lance 1 / P4 Lance 1
P5 Lances 1 a 2
P6 Lances 1 a 2
P7 Lances 1 a 2
P8 Lances 1 a 2
P9 Lances 1 a 2

DATA	ESCALA	FOX	DESENHO	VERIF.	ENG.º
12/01/2018	1:20	250			