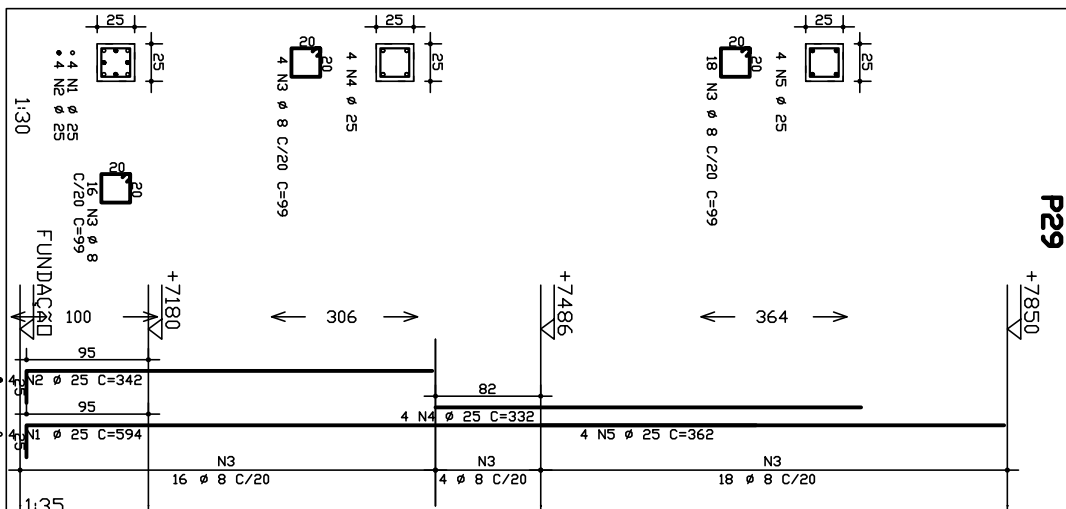
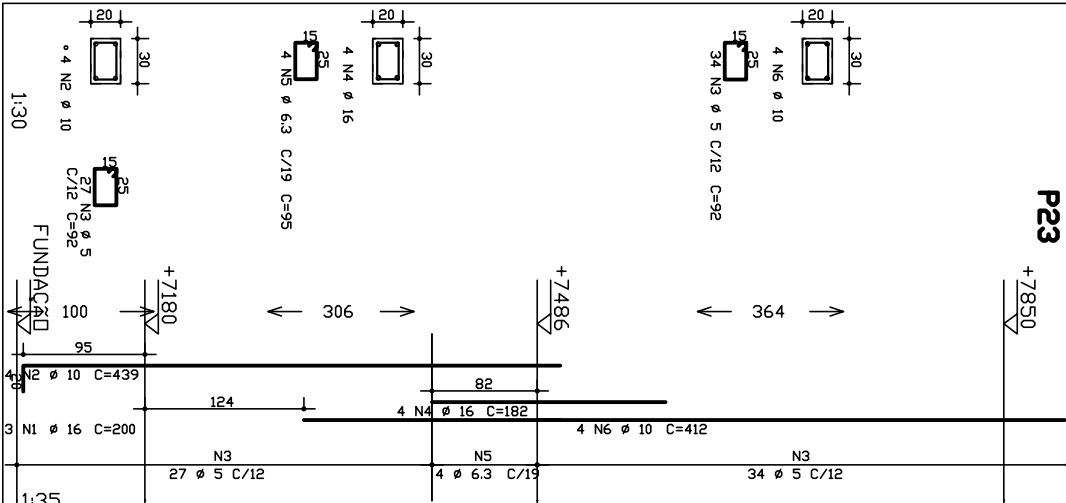
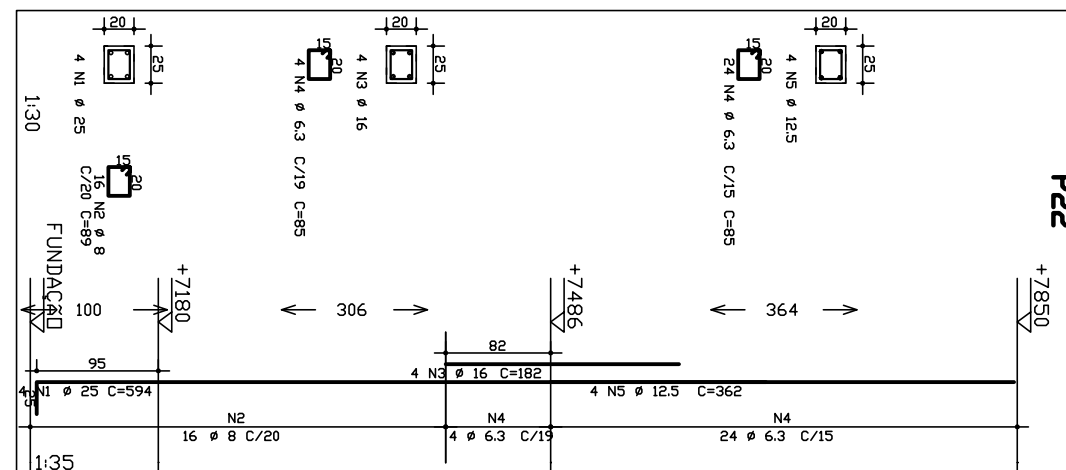
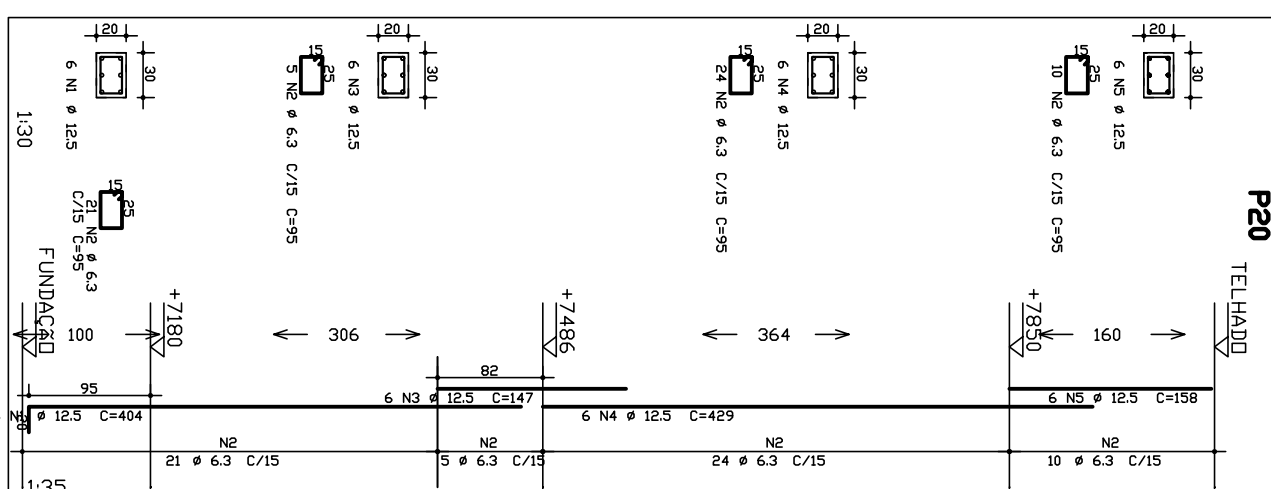
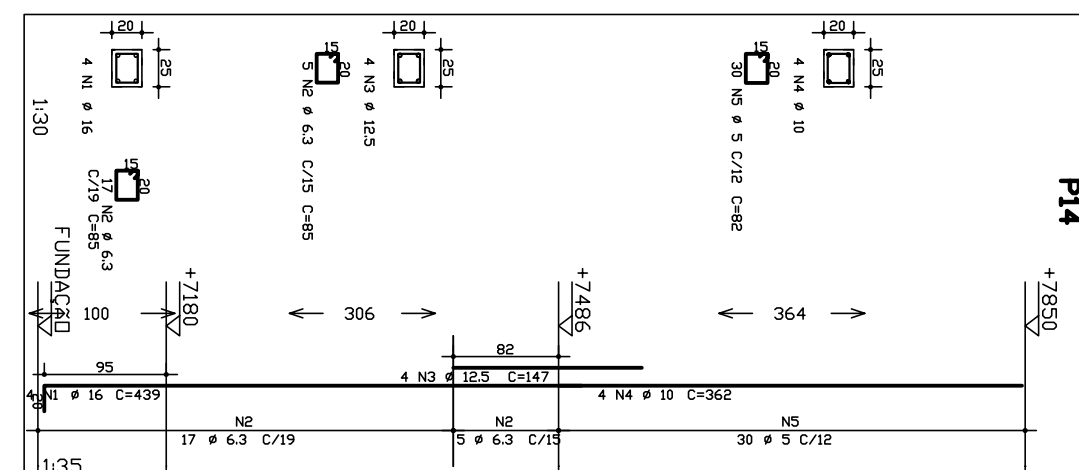
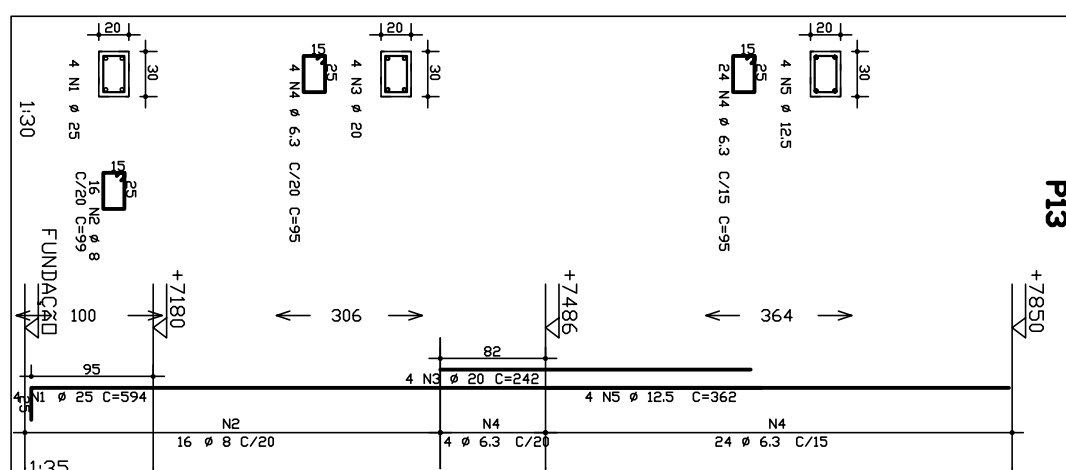
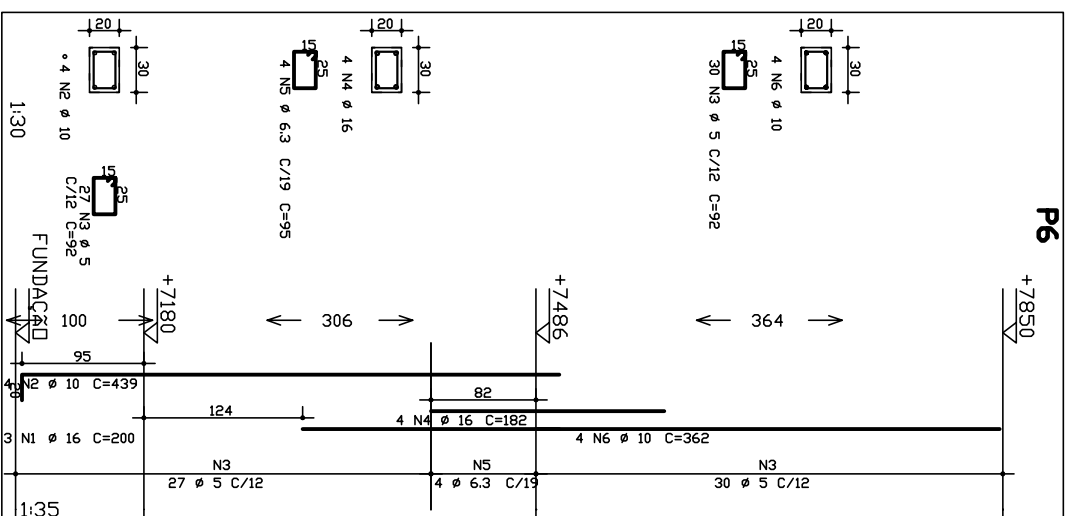
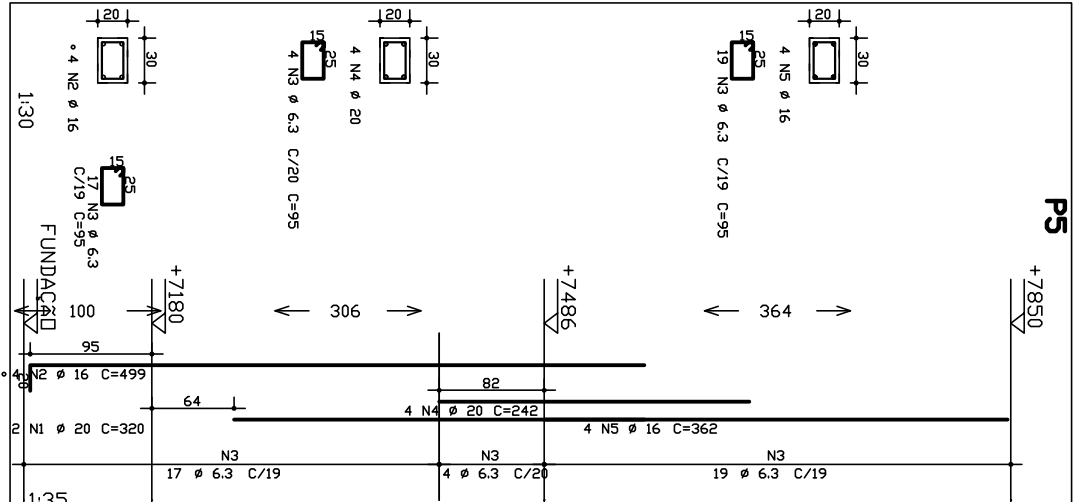
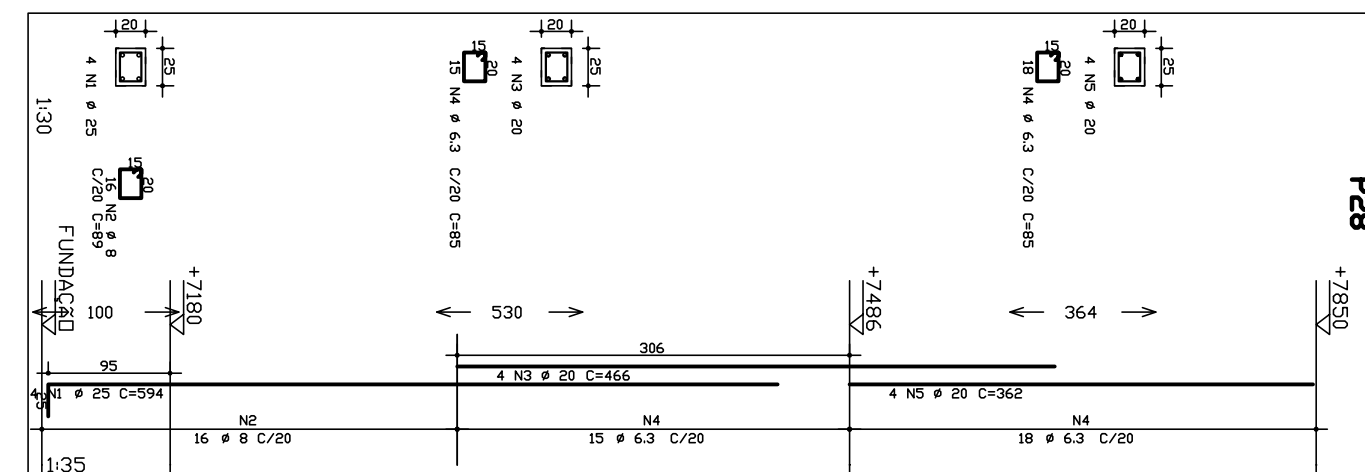
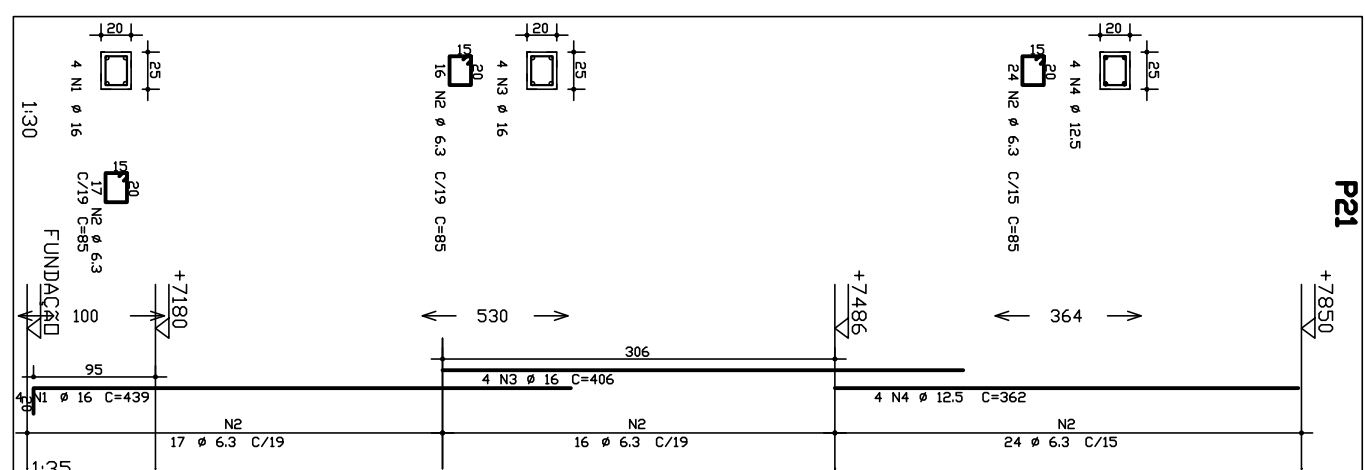
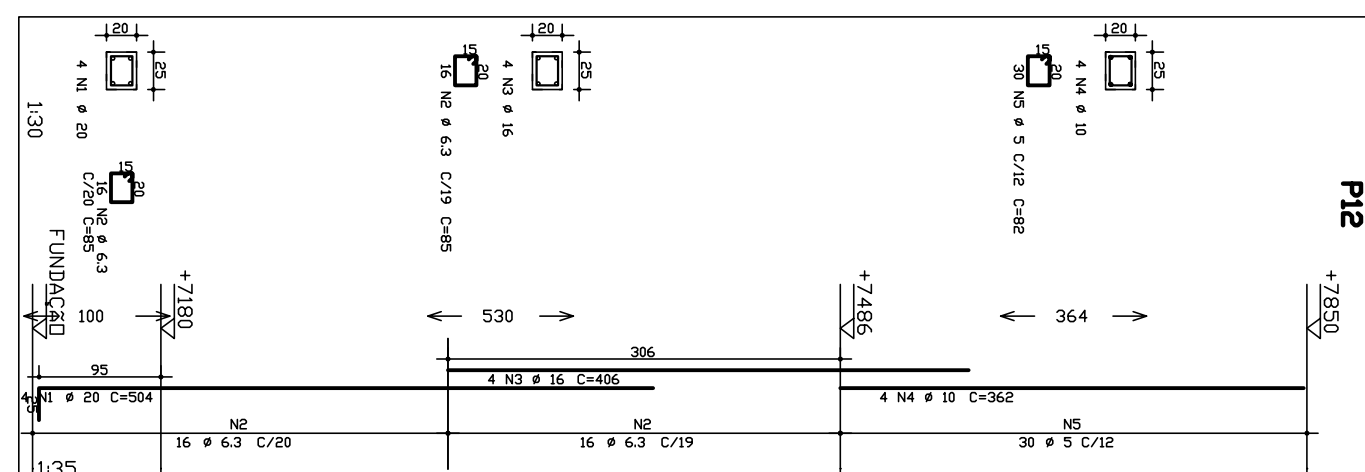
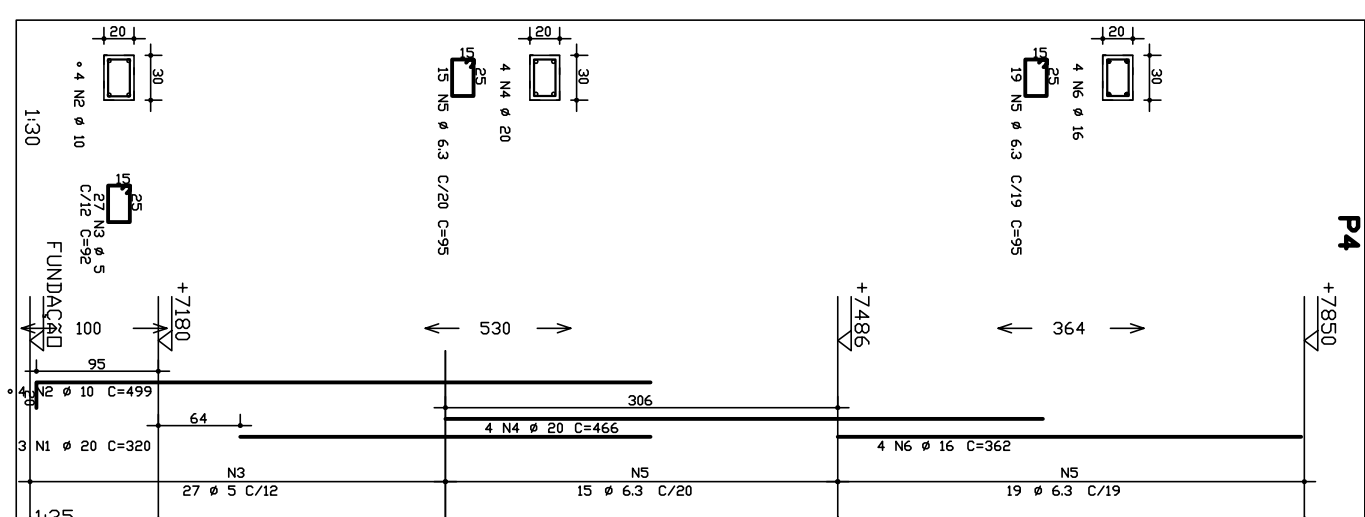
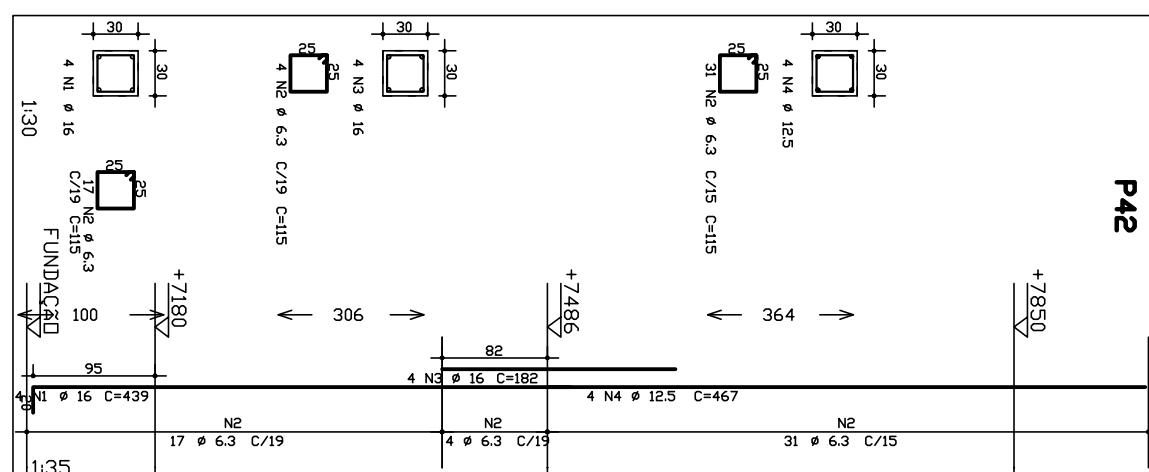
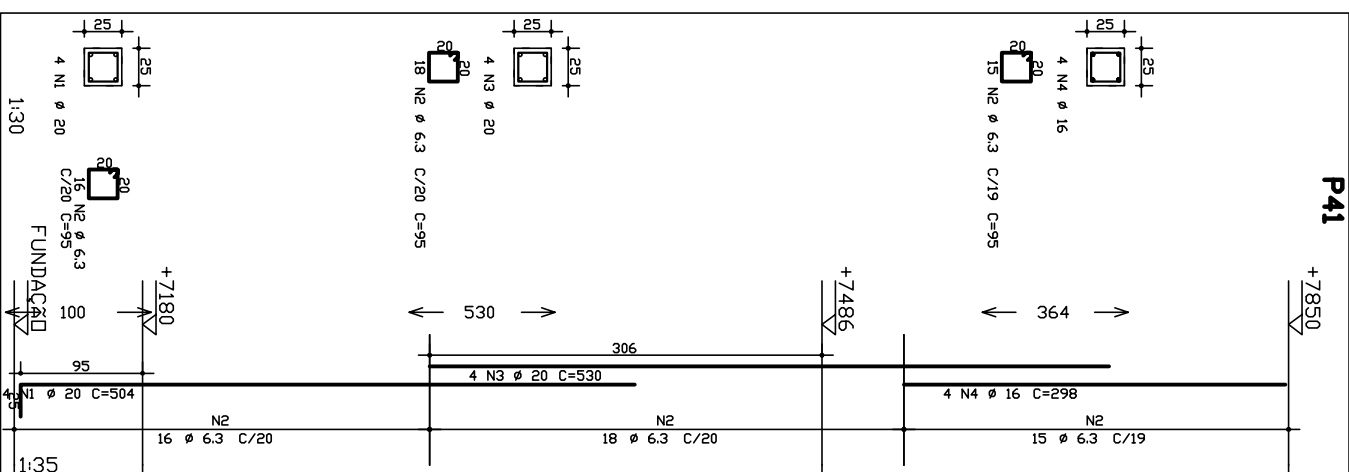
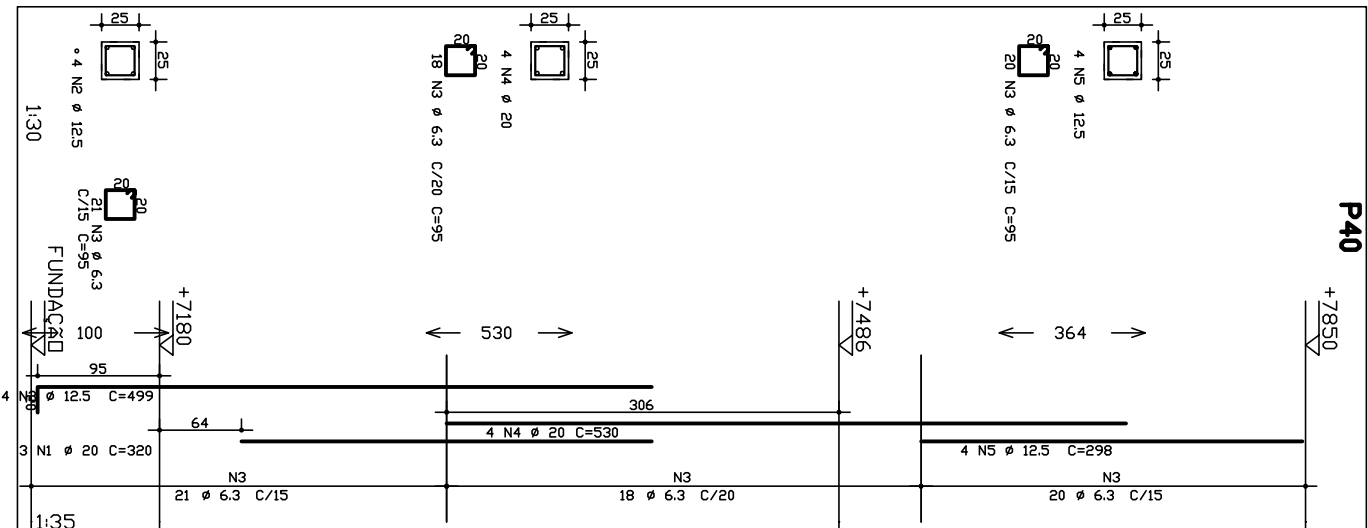
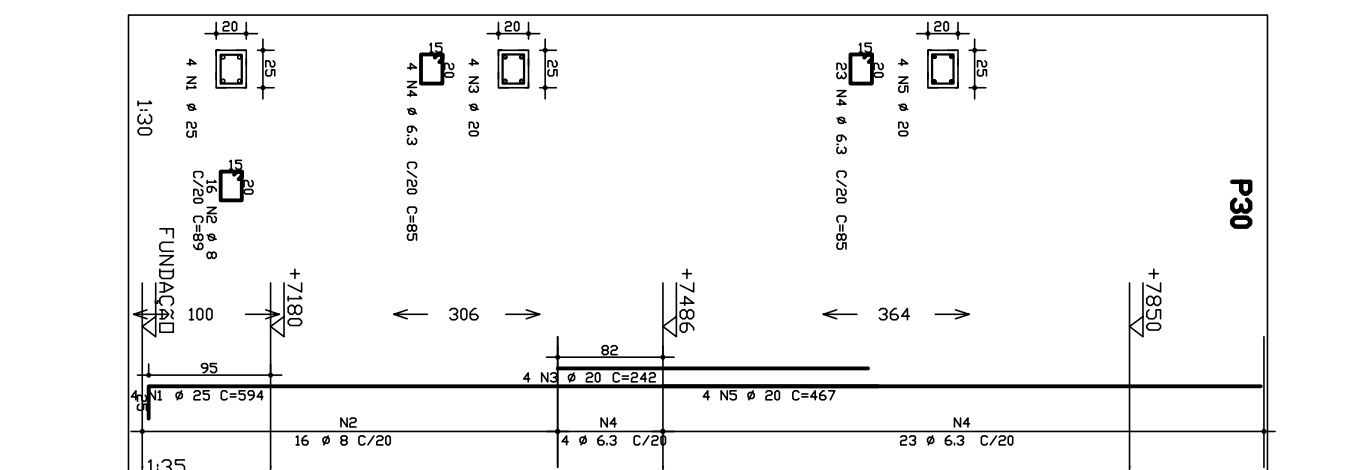


ARMAÇÃO DOS PILARES DO PRÉDIO DA ADMINISTRAÇÃO

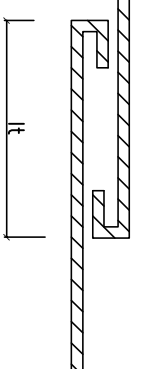


	ACQ			PDS	BIT	QUANT	CHARGEMENT		UNIT TOTAL
	COV	COV	COV						
P4	50M	1	10	4	383	960			
	50M	2	10	4	383	960			
	50M	3	25	27	52	1544			
	50M	5	6.3	34	95	3230			
	50M	6	16	4	362	1416			
P5	50M	1	20	2	383	640			
	50M	2	16	4	383	640			
	50M	3	6.3	4	383	640			
	50M	5	16.3	4	419	1756			
	50M	6	4	4	383	640			
P6	50M	1	16	3	383	640			
	50M	2	10	3	383	640			
	50M	3	5	57	182	5244			
	50M	5	6.3	4	419	1756			
	50M	6	16.3	4	383	640			
P12	50M	1	20	34	384	1416			
	50M	2	16	4	383	640			
	50M	3	6.3	4	383	640			
	50M	5	16	4	419	1756			
	50M	6	4	4	383	640			
P13	50M	1	25	4	394	1536			
	50M	2	20	16	299	1216			
	50M	3	6.3	28	384	1416			
	50M	5	16	30	382	1408			
	50M	6	4	4	382	1408			
P14	50M	1	6.3	24	419	1756			
	50M	2	12.5	24	147	5184			
	50M	3	16.3	4	382	1408			
	50M	5	16	30	382	1408			
	50M	6	4	4	382	1408			
P15	50M	1	12.5	6	419	1756			
	50M	2	6.3	60	30	5170			
	50M	3	12.5	6	419	1756			
	50M	5	16.3	6	419	1756			
	50M	6	4	4	382	1408			
P20	50M	1	12.5	6	414	1744			
	50M	2	6.3	60	30	5170			
	50M	3	12.5	6	419	1756			
	50M	5	16.3	6	419	1756			
	50M	6	4	4	382	1408			
P21	50M	1	16	4	439	1768			
	50M	2	16.3	57	445	1824			
	50M	3	4	4	382	1408			
	50M	5	16.3	4	382	1408			
	50M	6	4	4	382	1408			
P22	50M	1	25	4	394	1536			
	50M	2	20	16	299	1216			
	50M	3	6.3	28	384	1416			
	50M	5	16.3	28	384	1416			
	50M	6	4	4	382	1408			
P23	50M	1	25	4	394	1536			
	50M	2	20	16	299	1216			
	50M	3	6.3	28	384	1416			
	50M	5	16.3	28	384	1416			
	50M	6	4	4	382	1408			
P28	50M	1	25	16	394	1536			
	50M	2	20	16	299	1216			
	50M	3	6.3	28	384	1416			
	50M	5	16.3	28	384	1416			
	50M	6	4	4	382	1408			
P29	50M	1	25	4	394	1536			
	50M	2	20	16	299	1216			
	50M	3	6.3	28	384	1416			
	50M	5	16.3	28	384	1416			
	50M	6	4	4	382	1408			
P30	50M	1	25	4	394	1536			
	50M	2	20	16	299	1216			
	50M	3	6.3	28	384	1416			
	50M	5	16.3	28	384	1416			
	50M	6	4	4	382	1408			
P40	50M	1	25	4	394	1536			
	50M	2	20	16	299	1216			
	50M	3	6.3	27	415	1625			
	50M	5	16.3	27	415	1625			
	50M	6	4	4	382	1408			
P41	50M	1	25	4	399	1544			
	50M	2	20	16	299	1216			
	50M	3	6.3	29	415	1625			
	50M	5	16.3	4	382	1408			
	50M	6	4	4	382	1408			
P42	50M	1	16	4	439	1756			
	50M	2	16.3	52	1415	5956			
	50M	3	4	4	382	1408			
	50M	5	16.3	4	467	1868			
	50M	6	4	4	467	1868			



NOTAS:

- 1- CONTS E DIMENSÕES EM CENTÍMETROS
 - 2- CONCRETO: FCK=35 Mpa
 - 3- AÇO: CA 50A – FYK=500 Mpa
 - 4- COMPORTAMENTO DAS ARMADURAS DE FUNDAÇÃO E ÁREAS CRÍTICAS: 4.0 cm
 - 5- COMPORTAMENTO DAS ARMADURAS (LQUE, VIGA E PILARES): 2.5 cm
 - 6- O PROJETO DE FORMAS DEVERÁ SER APROVADO PELO RESP. TÉCNICO DA OBRA
 - 7- COMPRIMENTO DE TRANSAPASSE SEM MEDIDA DO GANCHO
-

[illegible]

CENTRO DE DOCUMENTAÇÃO

RECEBIDO: ____/____/____

Nº DOC.: ____ ASS.: ____

APPROVAÇÃO CESAN:

ASS.: ____ MATR.: ____

UNID.: ____ DATA: ____/____/____

ESTA APROVAÇÃO NÃO ISENTA A CONTRATADA DE SUAS RESPONSABILIDADES LEGAIS.

	
EMITENTE: consultoria e projetos de engenharia ltda	
PROJEITO: FÁBRI LYNKO	COORDENADOR: MESTOR A. CRISTA, JR.
GRETA: 55555-D REGIÃO: ES DESENHO: FÁBRI LYNKO DATA: / /01/06	GRETA: 3424-D REGIÃO: ES Nº DES. PROJETISTA: 066-EC-6-015-387
RESPONSÁVEL TÉCNICO: ALEXANDRE J. SIQUEIRA GRETA: 361-D REGIÃO: ES ART. Nº.: DATA: 01/06	

EMISSÃO CESAN		DATA:
PROLENDOD: _____	ADMSCONSULT	01/06
CREA: _____		
DESENHADO: _____		
VERIFICADO: _____	MILTON PLANE	01/06
DIVISÃO: _____	MILTON PLANE	01/06
GERENCIA: _____	CLAUDIA V. B. CORREADO	01/06

		
MUNICÍPIO: VIANA	DISTRITO: SEDE	BARRIO: SEDE
NOME DO EMPREENDIMENTO: AMPLIAÇÃO SIST. ABASTECIMENTO DE ÁGUA-CONT. 016/05		
TÍTULO: ESTAÇÃO DE TRATAMENTO DE ÁGUA – VIANA PROJETO ESTRUTURAL – PRÉDIO DA ADMINISTRAÇÃO ARMARÇÃO DOS PILARES		
ESCALA:	FOLHA:	Nº CESAAN
INDICAÇÃO	23 / 23	B-048-000-99-4-X-0023
		REV: 0