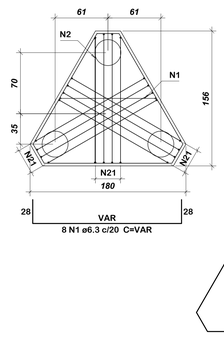
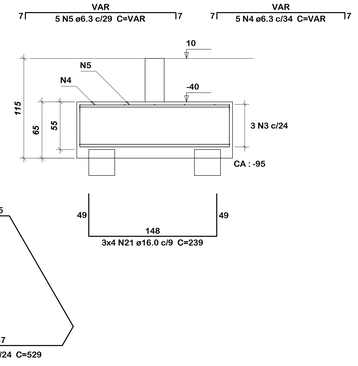
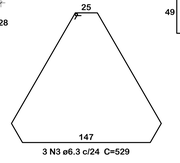
B2=B10=B11
3xC30

PLANTA
ESC 1:25



CORTE
ESC 1:25

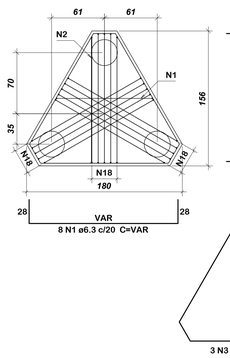




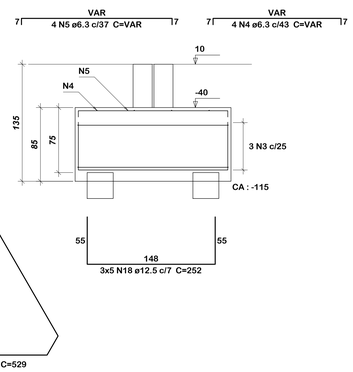


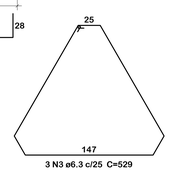
B8-9
3xC30

PLANTA
ESC 1:25



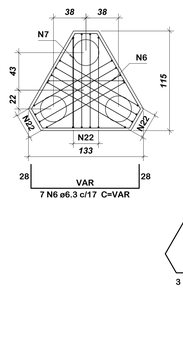
CORTE
ESC 1:25



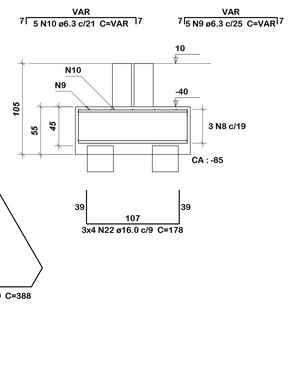


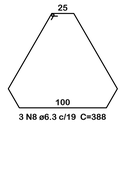
B23-24
3xC30

PLANTA
ESC 1:25



CORTE
ESC 1:25





Relação do aço
Blocos

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	32	VAR	VAR
	2	6.3	36	VAR	VAR
	3	6.3	12	529	6348
	4	6.3	19	VAR	VAR
	5	6.3	19	VAR	VAR
	6	6.3	91	VAR	VAR
	7	6.3	106	VAR	VAR
	8	6.3	45	388	17460
	9	6.3	61	VAR	VAR
	10	6.3	61	VAR	VAR
	11	6.3	44	170	7480
	12	6.3	88	174	15312
	13	6.3	44	338	14872
	14	6.3	88	128	11264
	15	6.3	42	188	7896
	16	8.0	36	208	7488
	17	8.0	13	188	2444
	18	12.5	15	252	3780
	19	12.5	210	179	37590
	20	12.5	88	189	16632
	21	16.0	36	239	8604
	22	16.0	12	178	2136

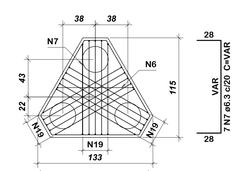
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	1503.8	368
	8.0	99.4	39.2
	12.5	580.1	558.8
	16.0	107.4	169.5
PESO TOTAL (kg)			
CA50	1135.4		

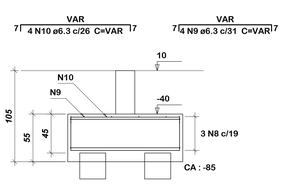
Volume de concreto (C-20) = 22.61 m³
Área de forma = 110.1 m²

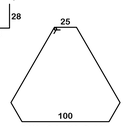
B20=B21=B22=B25=B26 =B27=B28=B31=B32=B33 =B34=B37=B38
3xC30

PLANTA
ESC 1:25



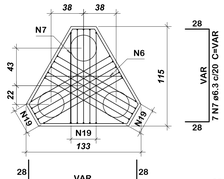
CORTE
ESC 1:25



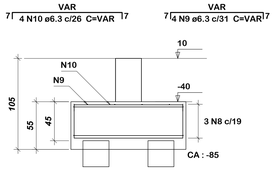


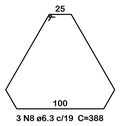
B47-48
3xC30

PLANTA
ESC 1:25



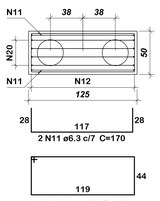
CORTE
ESC 1:25



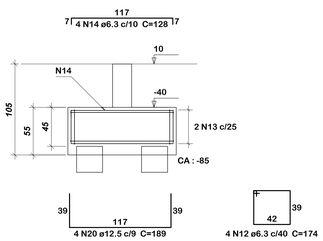


B1=B3=B4=B5=B6=B7=B12=B13=B14=B15=B16 =B17=B19=B30=B36=B43=B44=B50=B52=B53 =B57=B67
2xC30

PLANTA
ESC 1:25

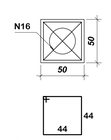


CORTE
ESC 1:25

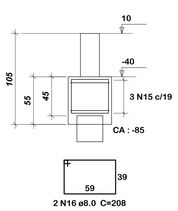


B18=B29=B35=B39=B40=B41=B42=B45=B46=B51 =B54=B55=B56=B63
1xC30

PLANTA
ESC 1:25

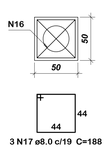


CORTE
ESC 1:25

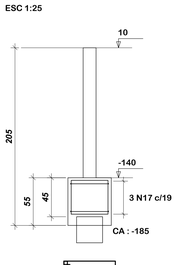


B58=B60=B61
1xC30

PLANTA
ESC 1:25

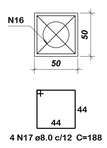


CORTE
ESC 1:25

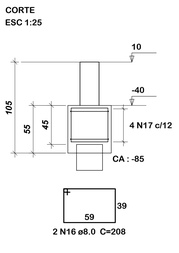


B64-65
1xC30

PLANTA
ESC 1:25



CORTE
ESC 1:25



MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL DE LAVRAS

EMPRESA:
AS BUILT ENGENHARIA DE PROJETOS LTDA
CNPJ: 09.480.531/0001-01

PROJETO

TÍTULO:
PROJETO ESTRUTURAL
DBI

CONTEÚDO:
FERRAGEM DOS BLOCOS

AUTOR DO PROJETO:
CARLOS HENRIQUE DE SOUZA GONCALVES
ENGENHEIRO CIVIL - CREA/PR 79920

EXECUÇÃO DE OBRA:

DATA:	REVISÃO DATA:	PROJETO:
12/2014	.	EXECUTIVO
ESCALA:	ÁREA: (m²)	FOLHA:
INDICADA	1.859,96	EST 02 /20