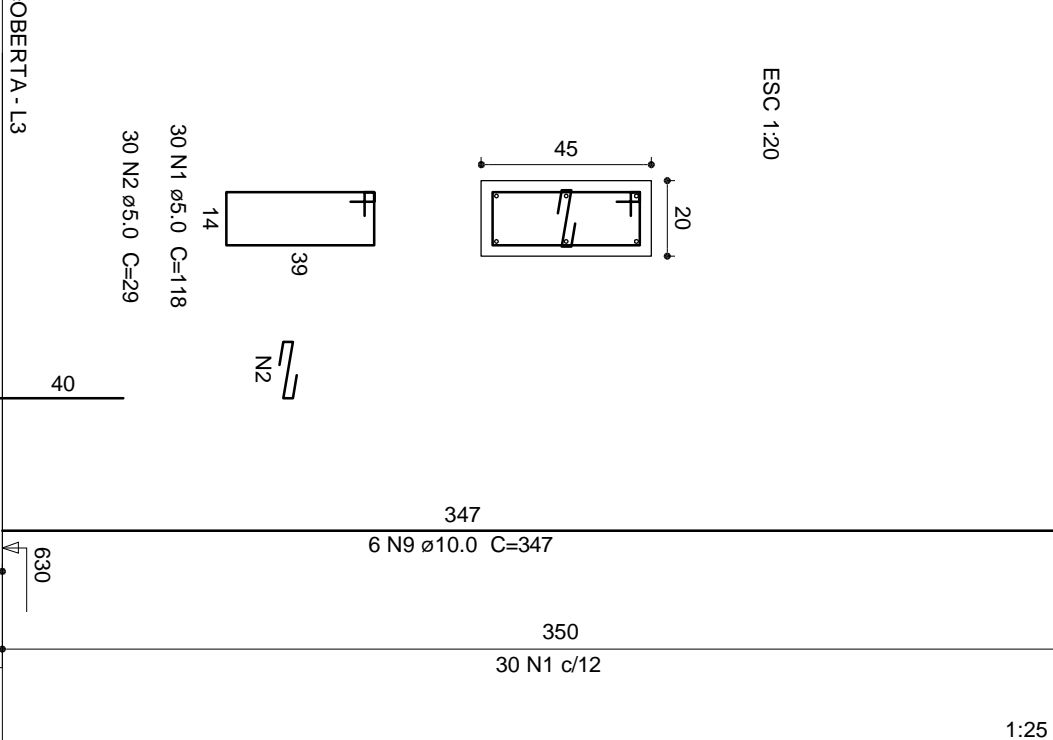


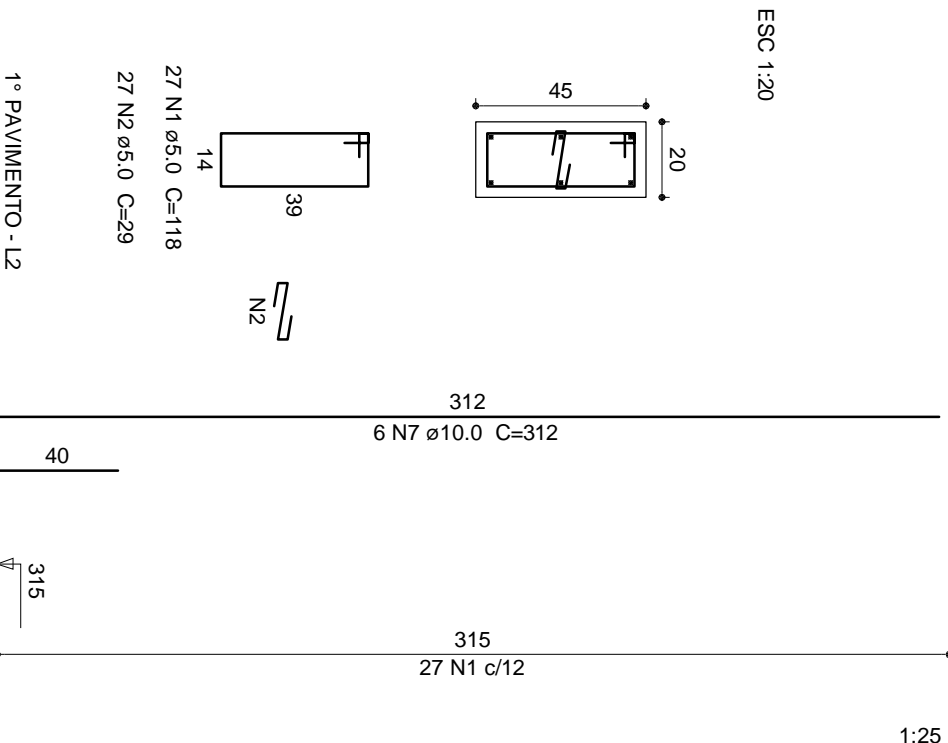
P4=P5=P10=P11

TAMPA - L5

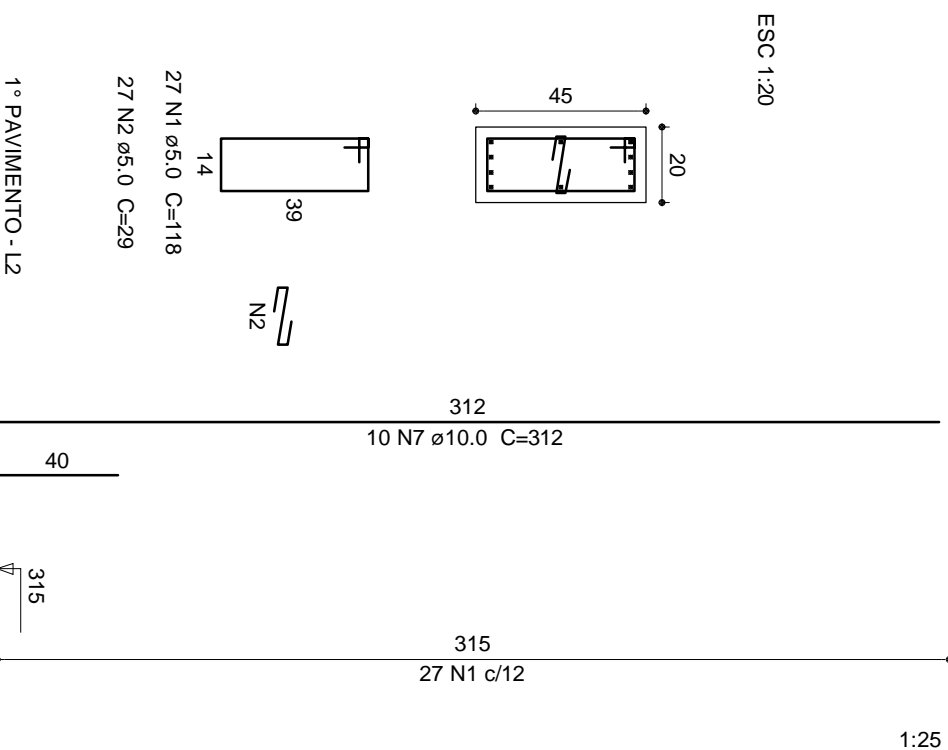


P1=P2=P3=P6=P7=P13=P14=P15=P16=P17=P18=P20  
=P21=P24=P25=P26 P22=P23

COBERTA - L3

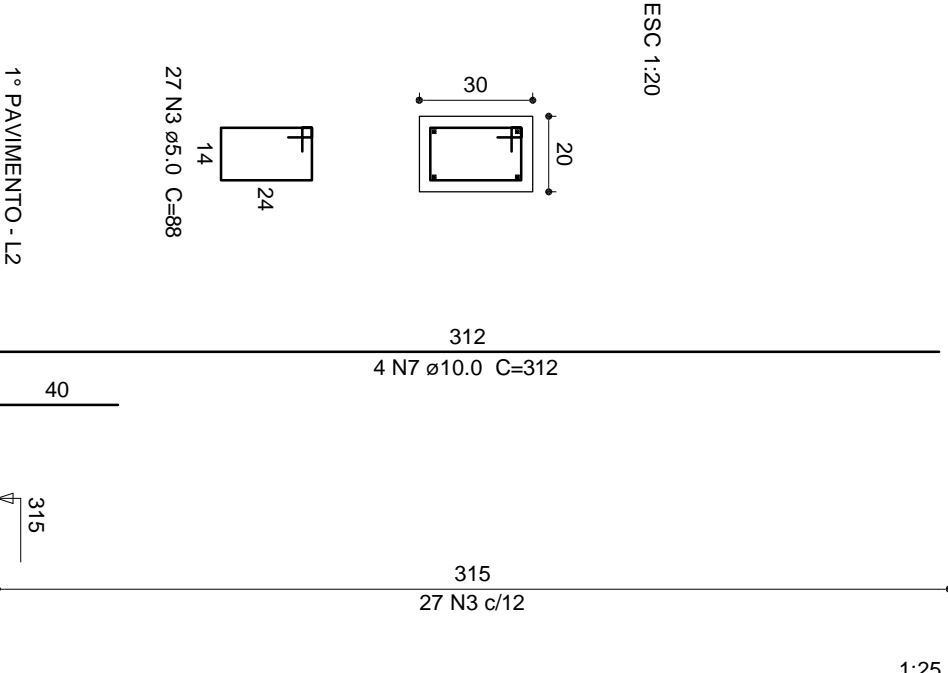


COBERTA - L3



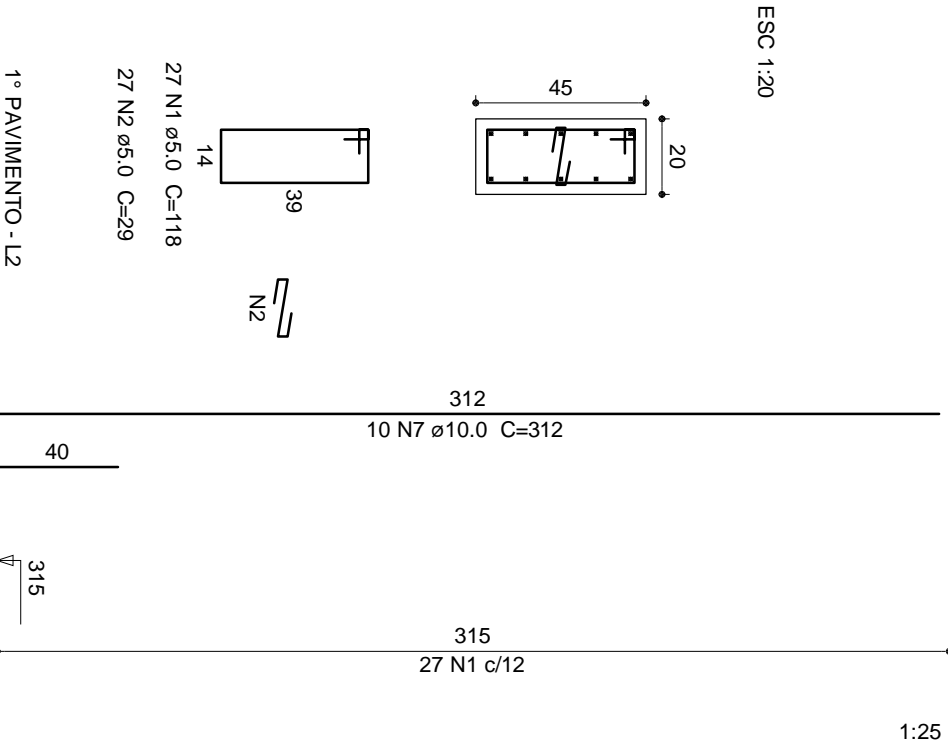
P8=P9

COBERTA - L3



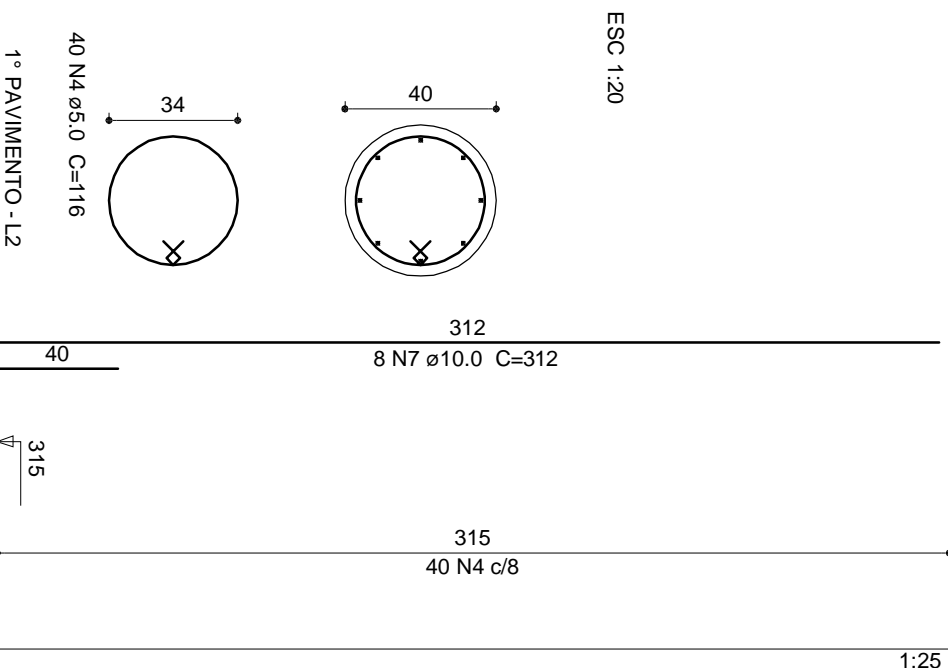
P12

COBERTA - L3



P19

COBERTA - L3



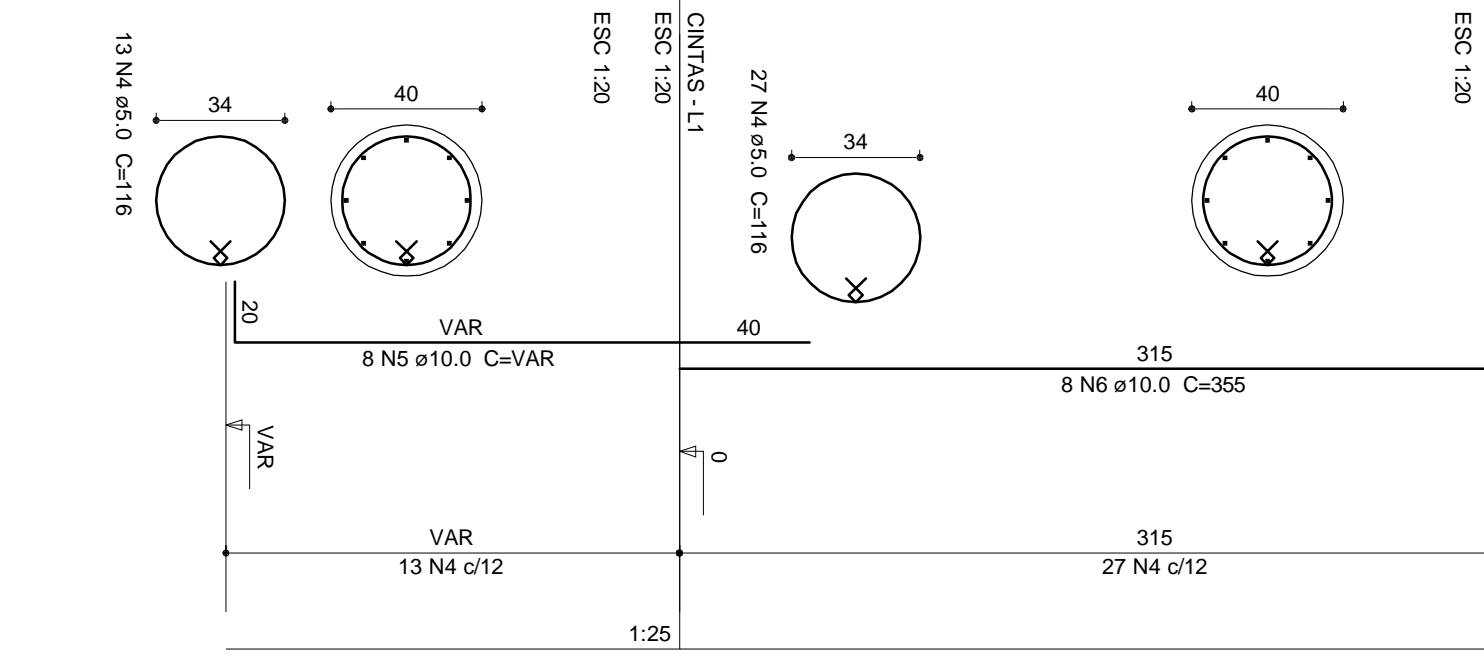
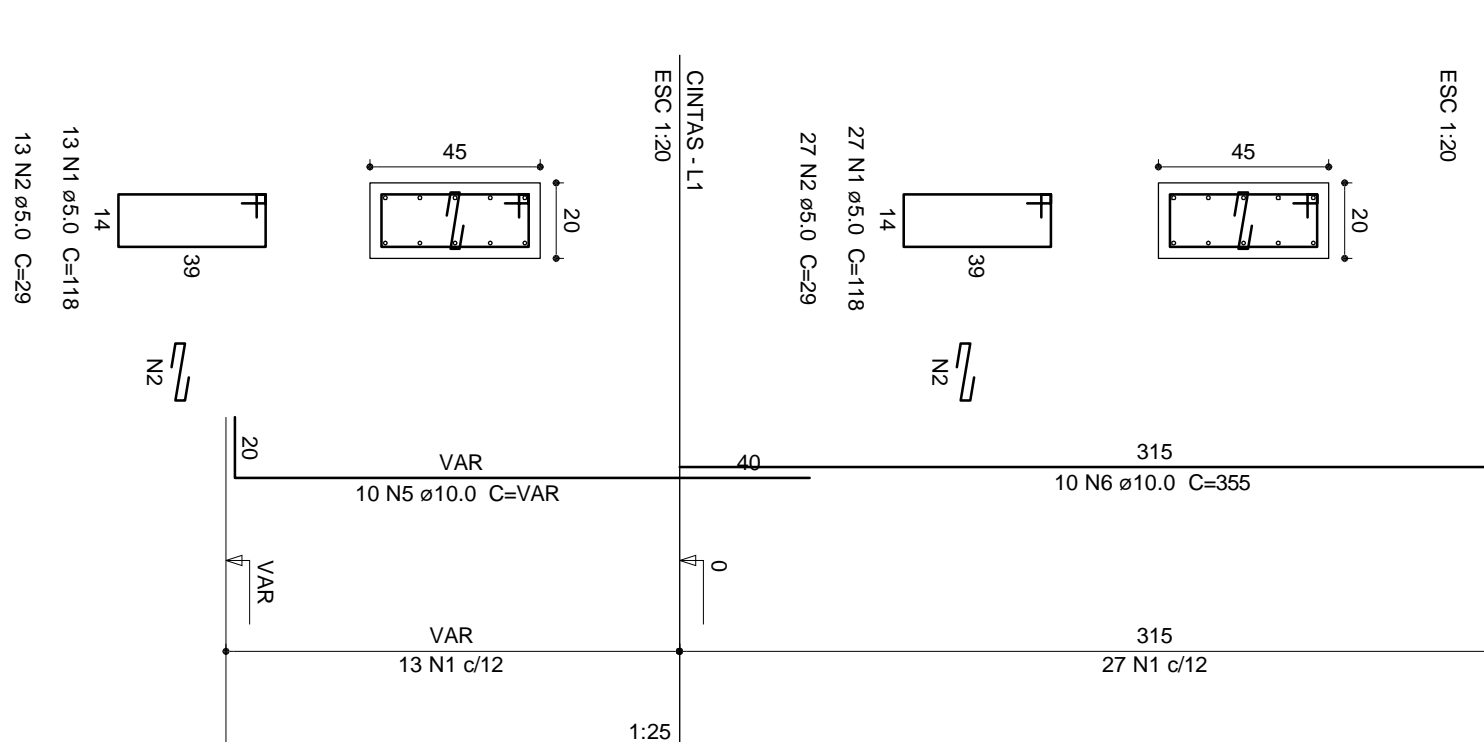
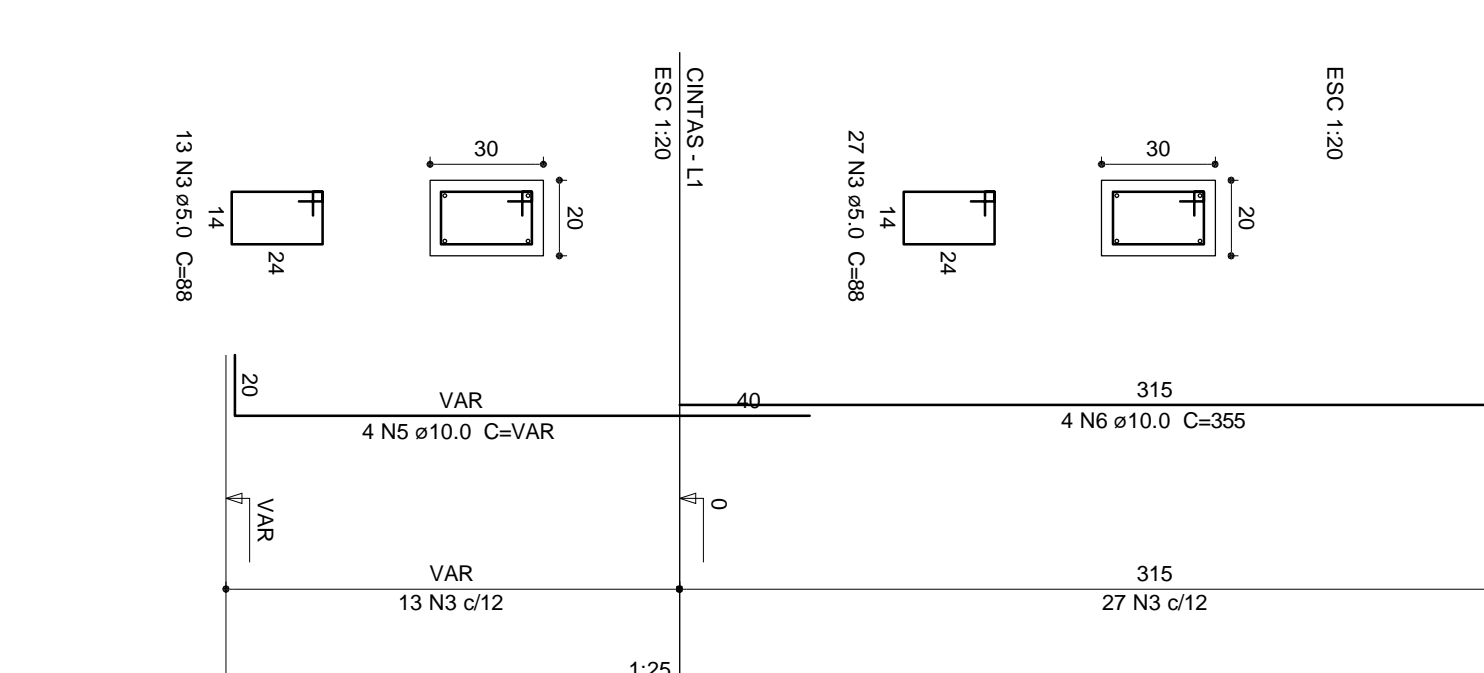
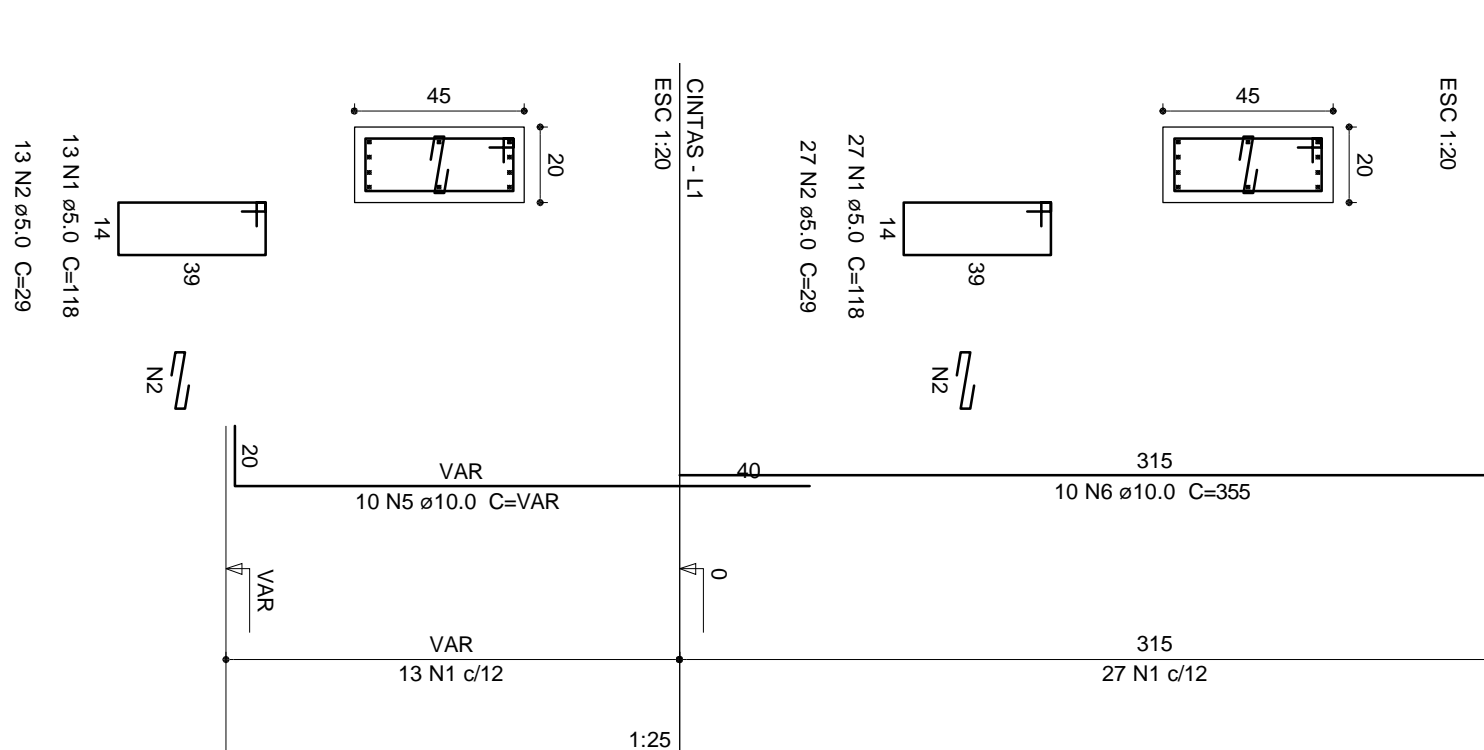
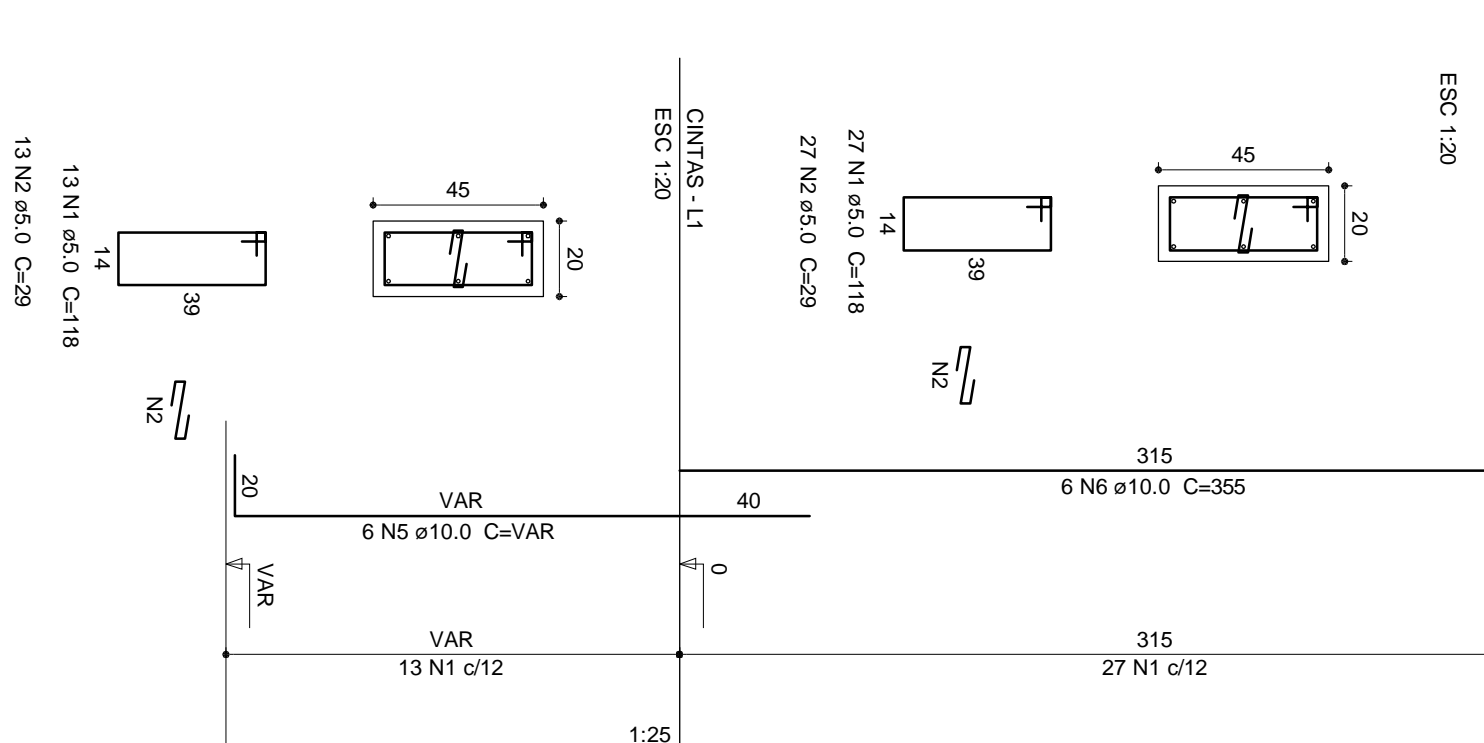
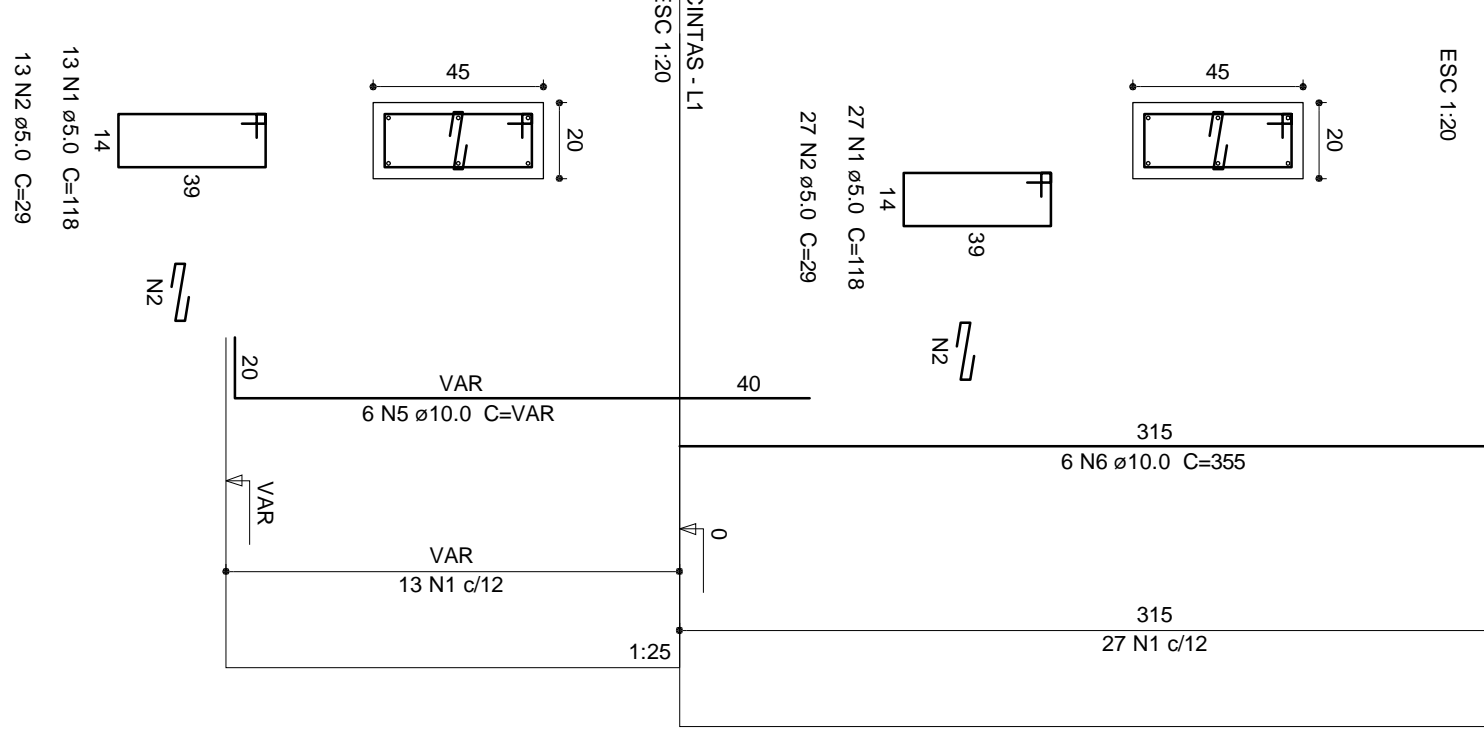
Relação do aço

ACO	N	DIAM	Q	UNIT	C.TOTAL
CA60	1	5.0	1661	(cm)	8306
CA60	2	5.0	1661	(cm)	8306
CA60	3	5.0	134	(cm)	664
CA60	4	5.0	88	(cm)	440
CA60	5	5.0	116	(cm)	580
CA60	6	10.0	190	(cm)	950
CA60	7	10.0	142	(cm)	710
CA60	9	10.0	24	(cm)	120

Resumo do aço

ACO	DIAM	C.TOTAL	PESO
CA60	10.0	1500.2	924.9
CA60	5.0	2852.4	408.8
PESO TOTAL			924.9
CA60	408.8		

Vol de concreto total (C=30) = 19.32 m³  
Área de forma total = 276.82 m²



RESPONSÁVEL PELO PROJETO

PROFESSOR TÁRISSA OLIVEIRA

UNIFR - Universidade Federal do Rio de Janeiro

RESPONSÁVEL PELA EXECUÇÃO

PROFESSOR TÁRISSA OLIVEIRA

UNIFR - Universidade Federal do Rio de Janeiro

PROJETO ESTRUTURAL

OBRA: Edificação Bloco Sala de Aula, CJA BANANEIRAS

COORDENADOR DO PROJETO: CCHSA--00900013AMAR

ENGENHEIRO: CAMIUS III - CJA BANANEIRAS

DATA

RESPONSÁVEL

INSCRIÇÃO

RUBRICA

VERSÃO

1/50

CONTROLE DE PROJETO

CONTROLE DA MODIFICAÇÃO

BRANCA

ARMADURA DOS PILARES

24/31