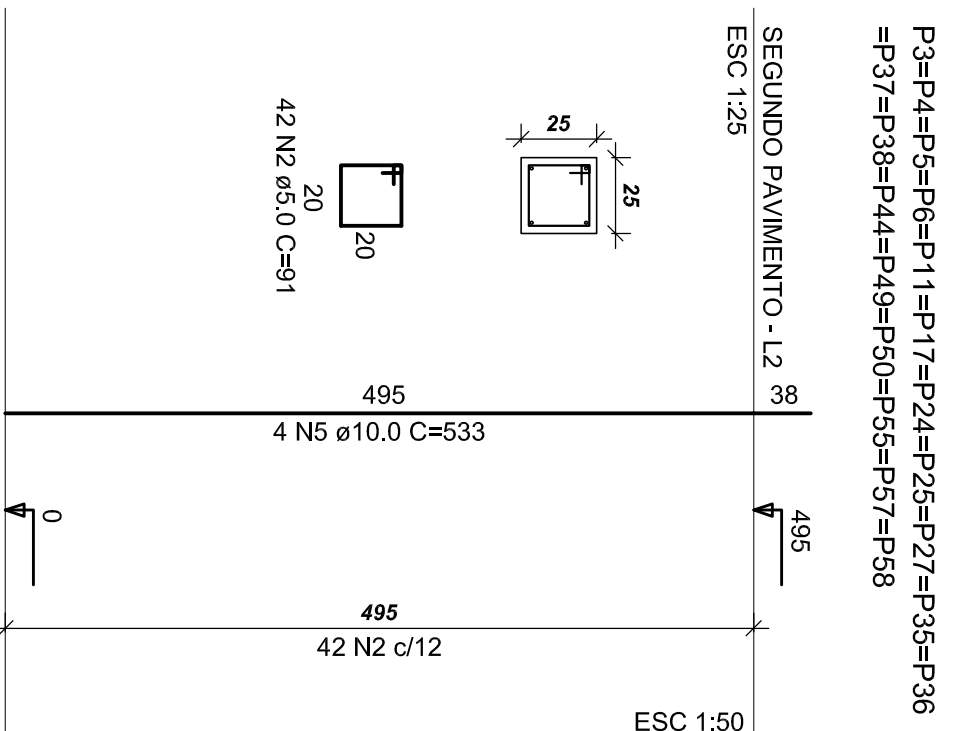
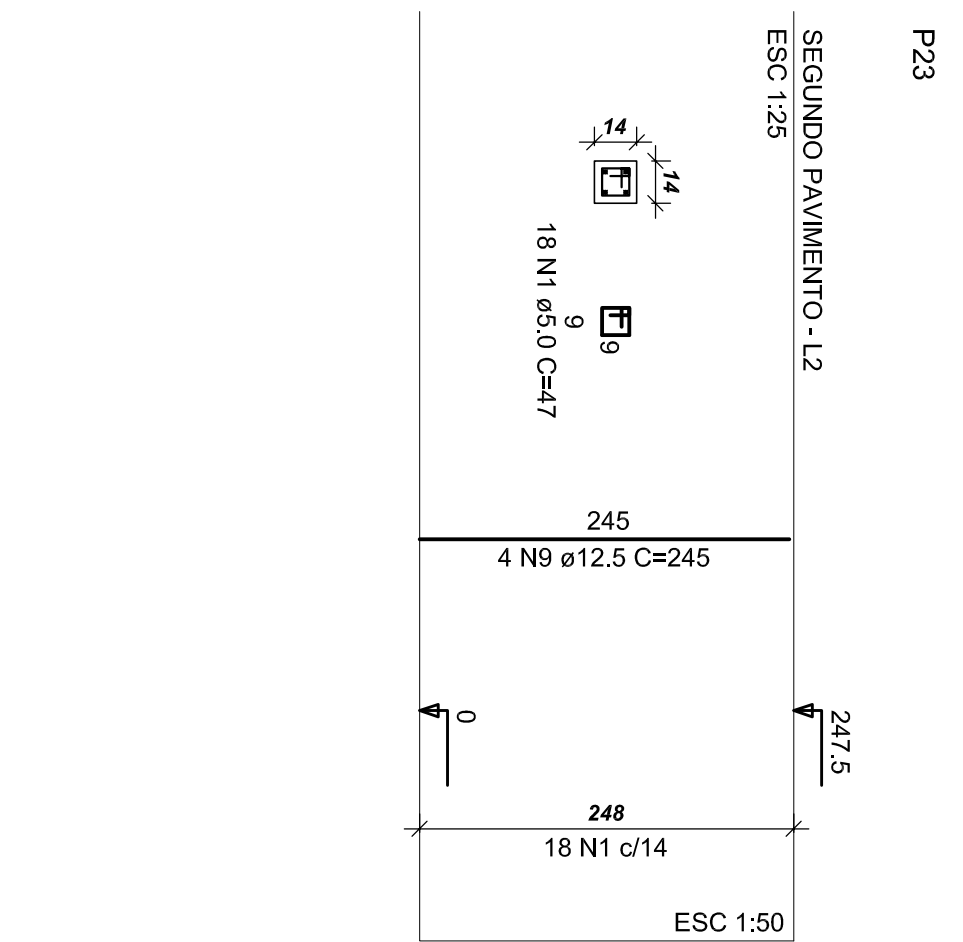
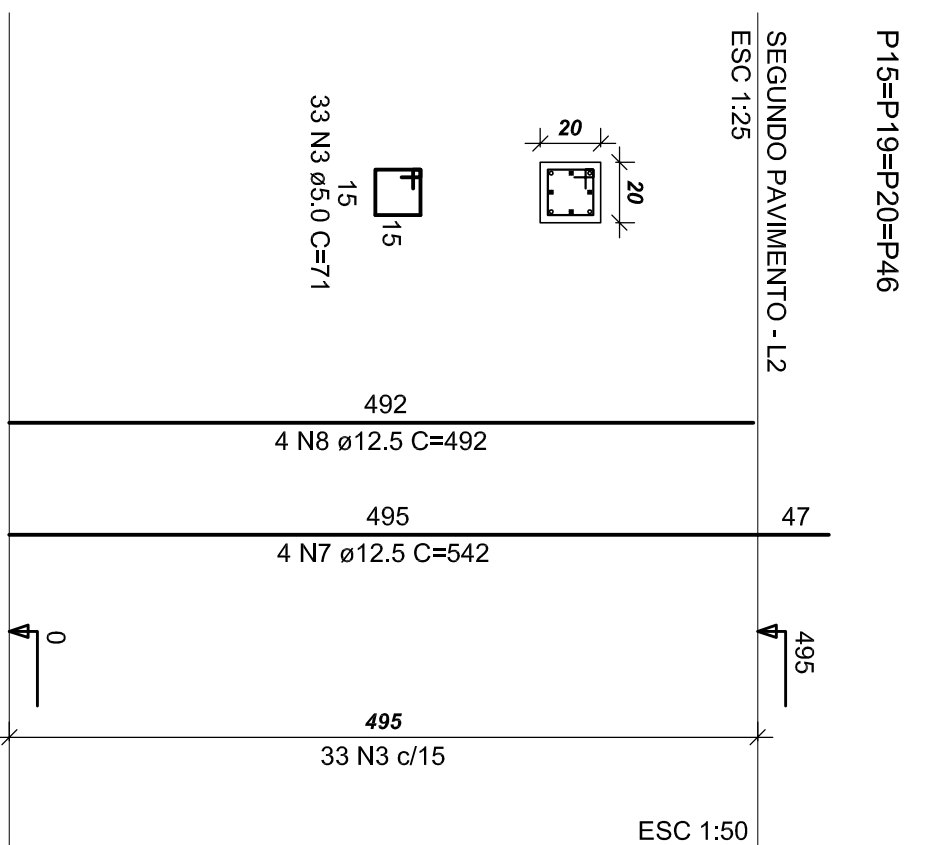
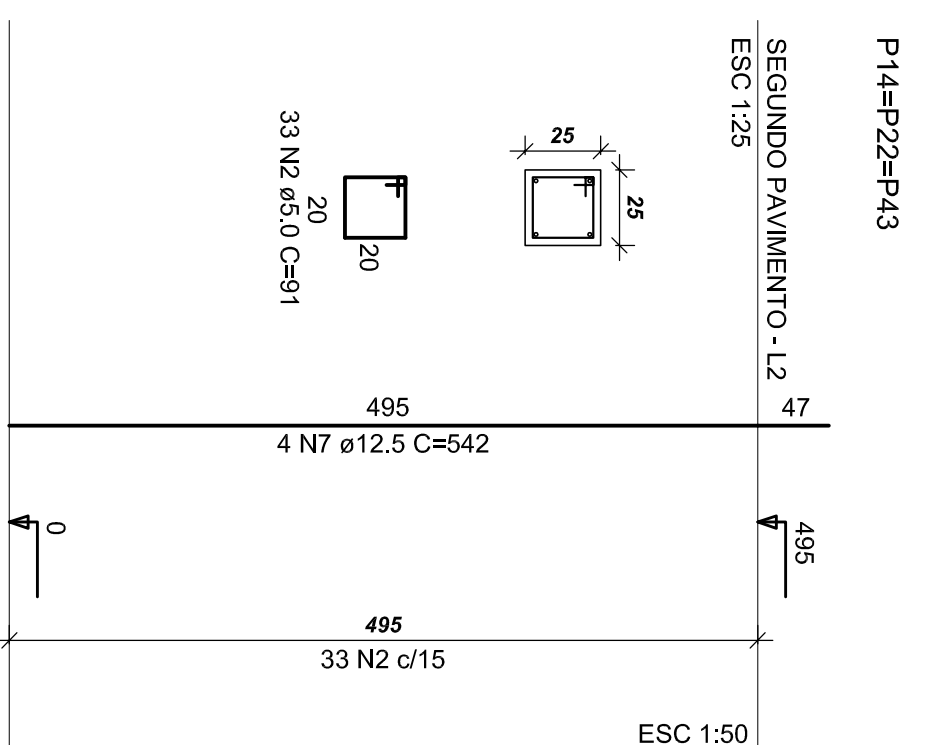
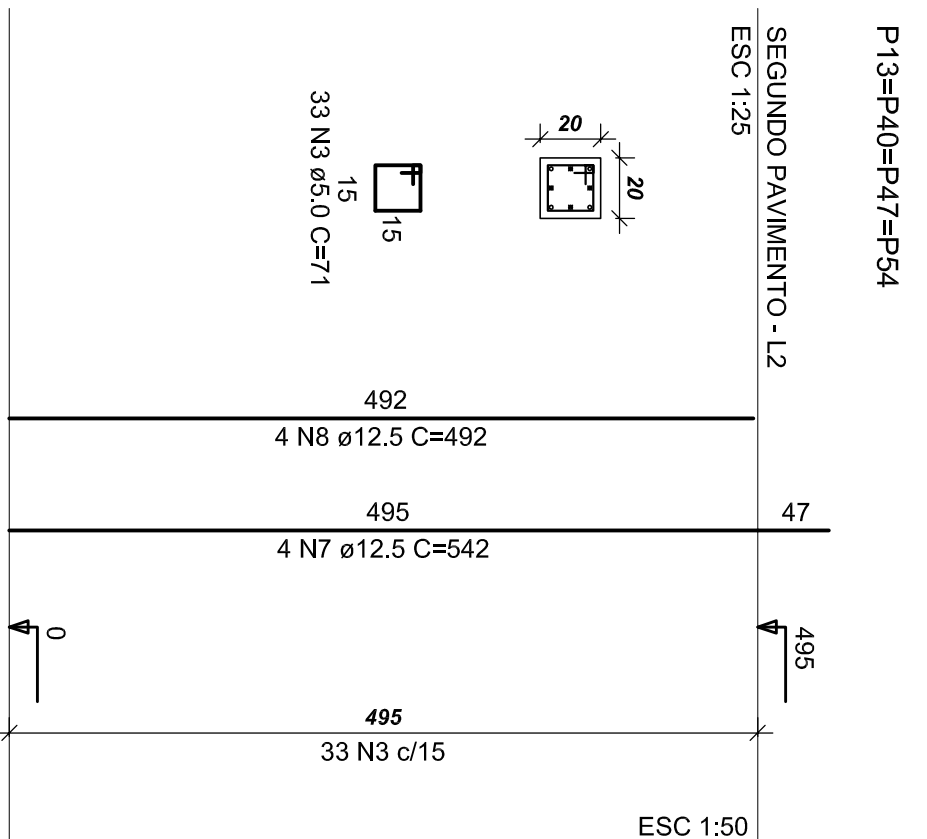
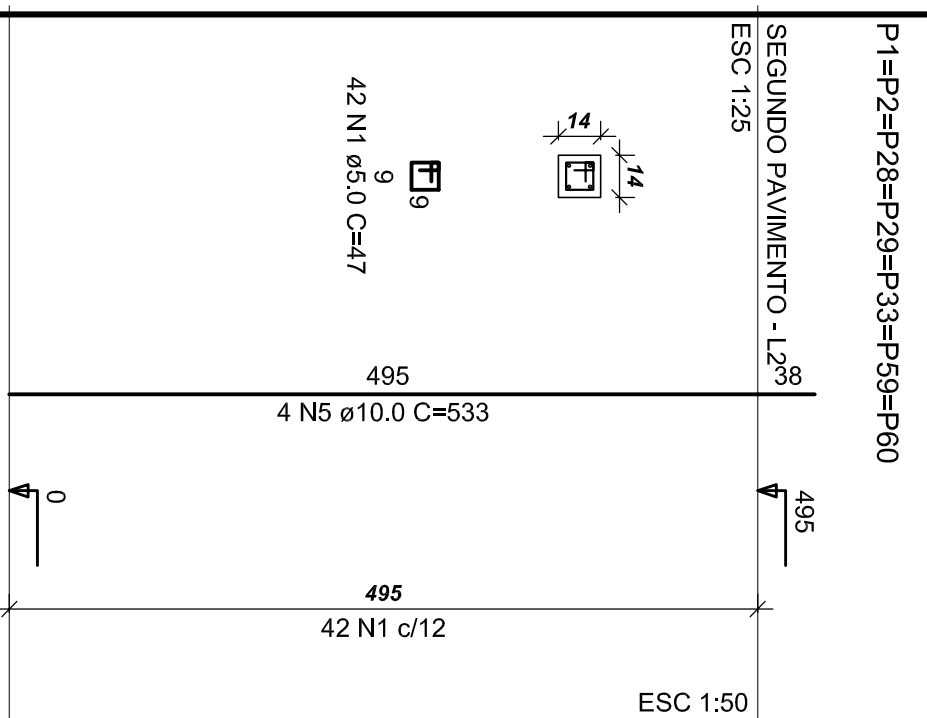
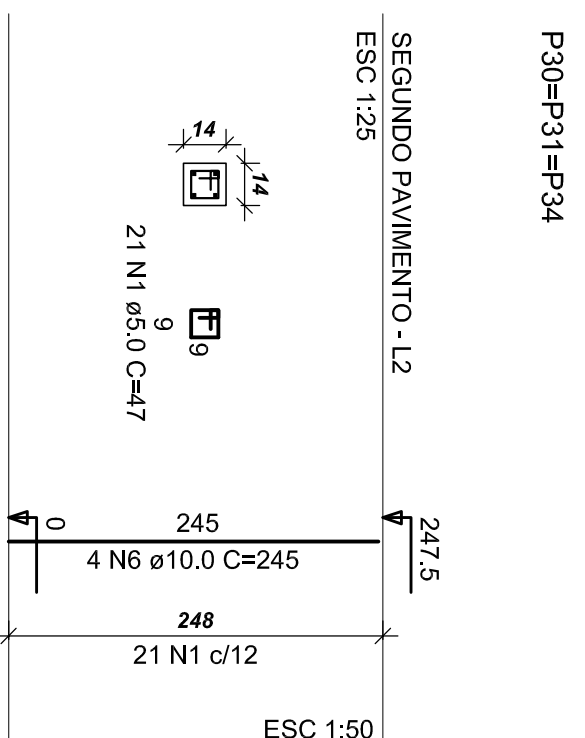
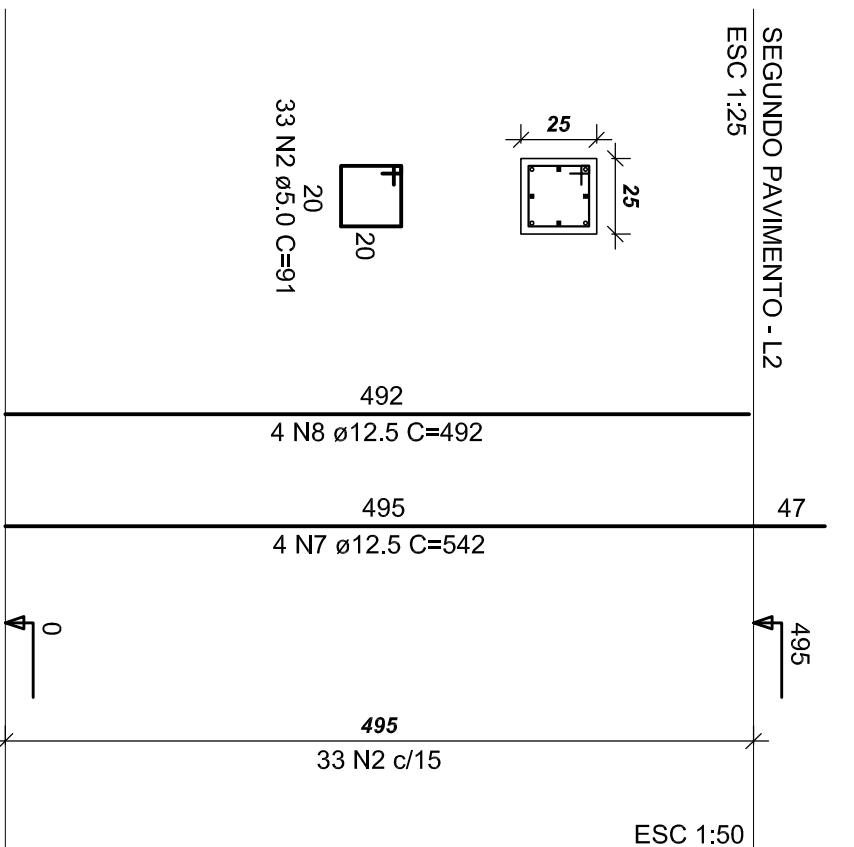
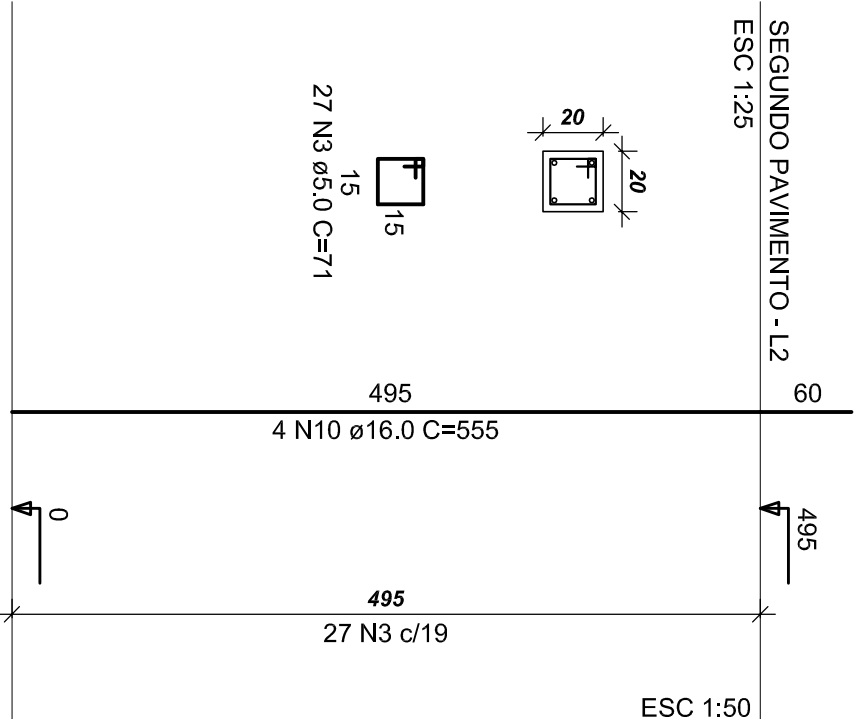
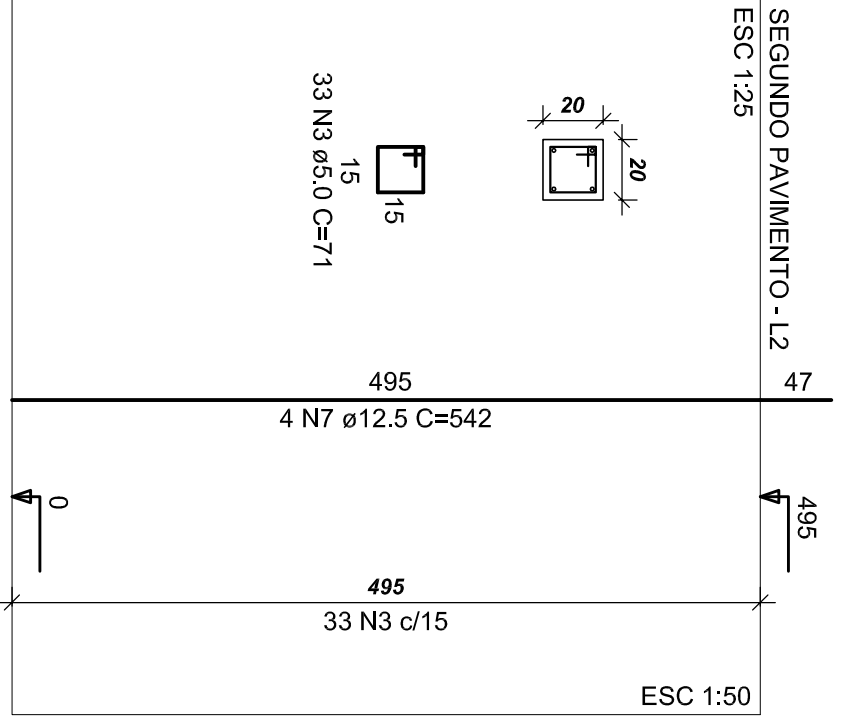
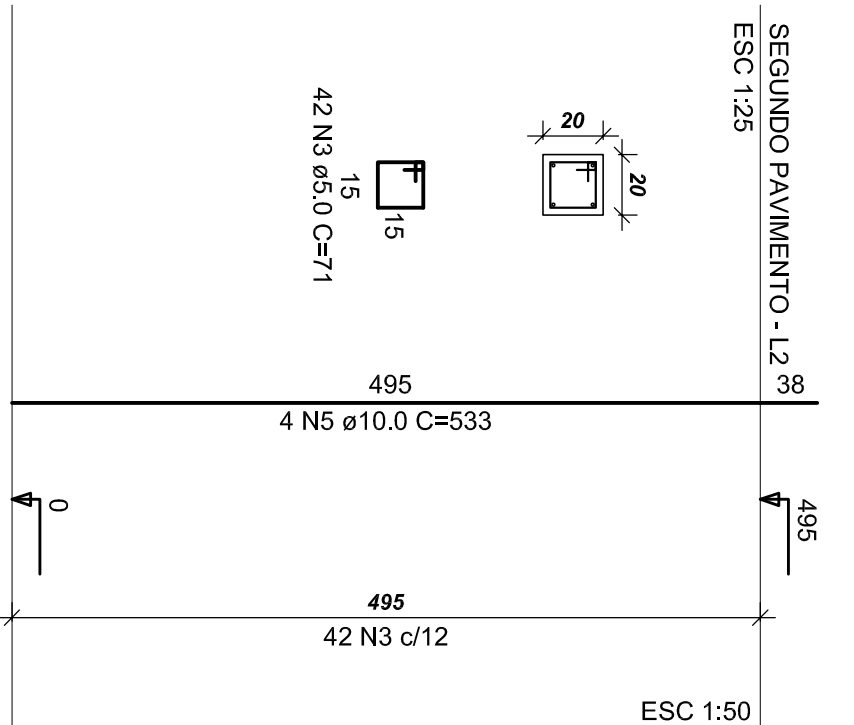
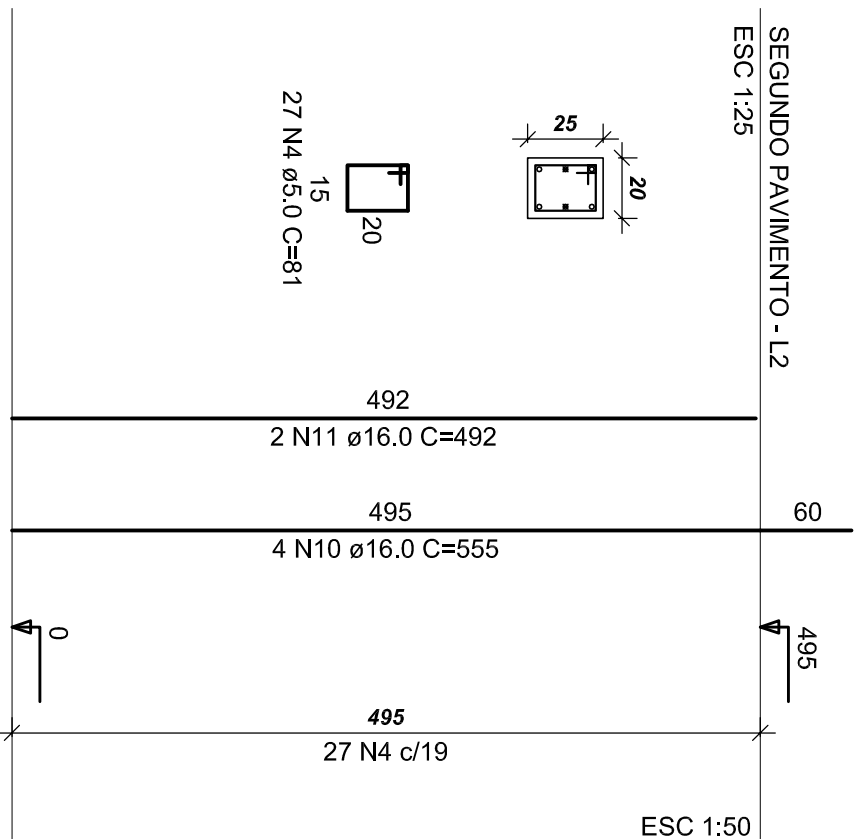
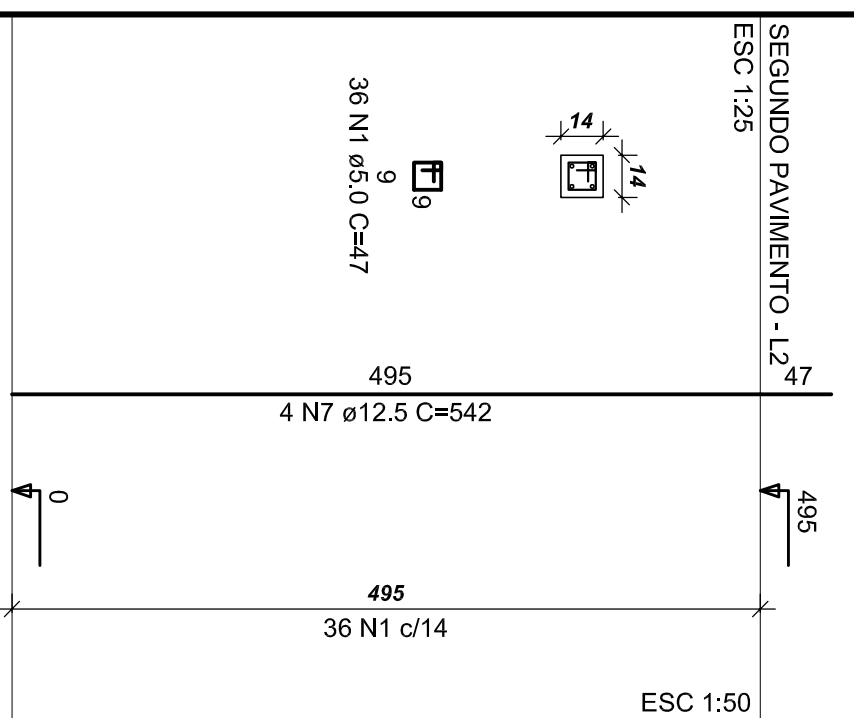




RELACÃO DO AÇO PLÁSTICO QUE SUPOORTAM O SEQUENDO PAVIMENTO						
ACO	N	DIAM	Q	UNIT (cm)	C-TOTAL (cm)	
60	1	5,0	411	47	193,17	
	2	5,0	920	71	846,50	
	3	5,0	337	71	240,50	
	4	5,0	387	81	215,7	
	5	5,0	387	81	215,7	
50	5	10,0	168	533	575,64	
	6	10,0	12	245	28,50	
	7	12,5	56	542	303,52	
	8	12,5	56	542	303,52	
	9	12,5	3	245	7,90	
	10	16,0	2	555	66,60	
11	16,0	2	492	94,4		

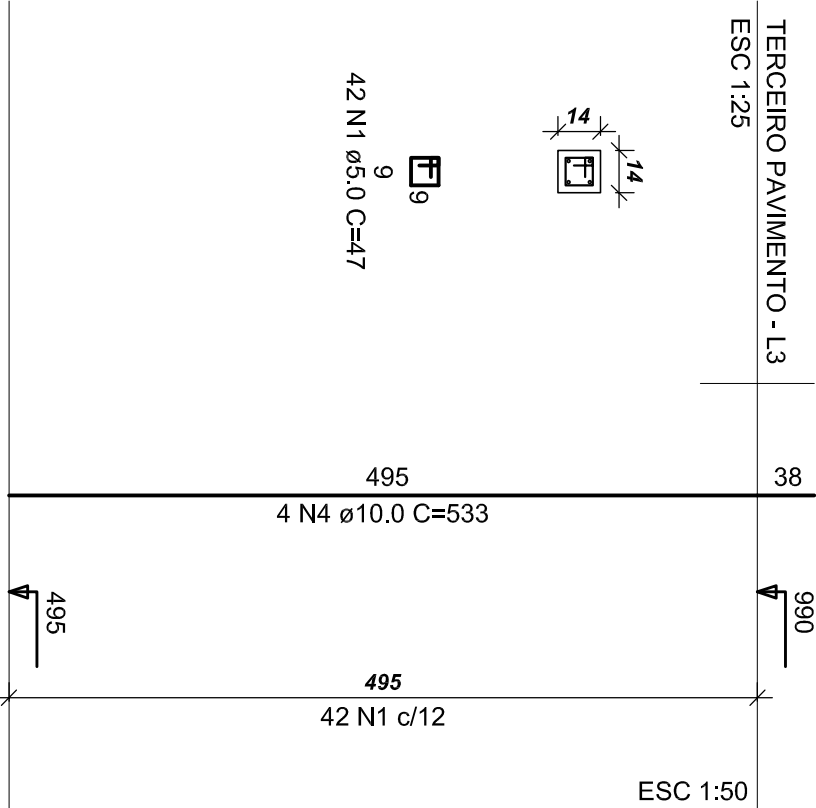
AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	10,0	605,0	410,4
	12,5	490,4	520,0
	16,0	76,4	132,8
CA60	5,0	1349,1	228,5

Vol. de concreto total (C-25) = 10.71 m³
Área de forma total = 193.55 m²

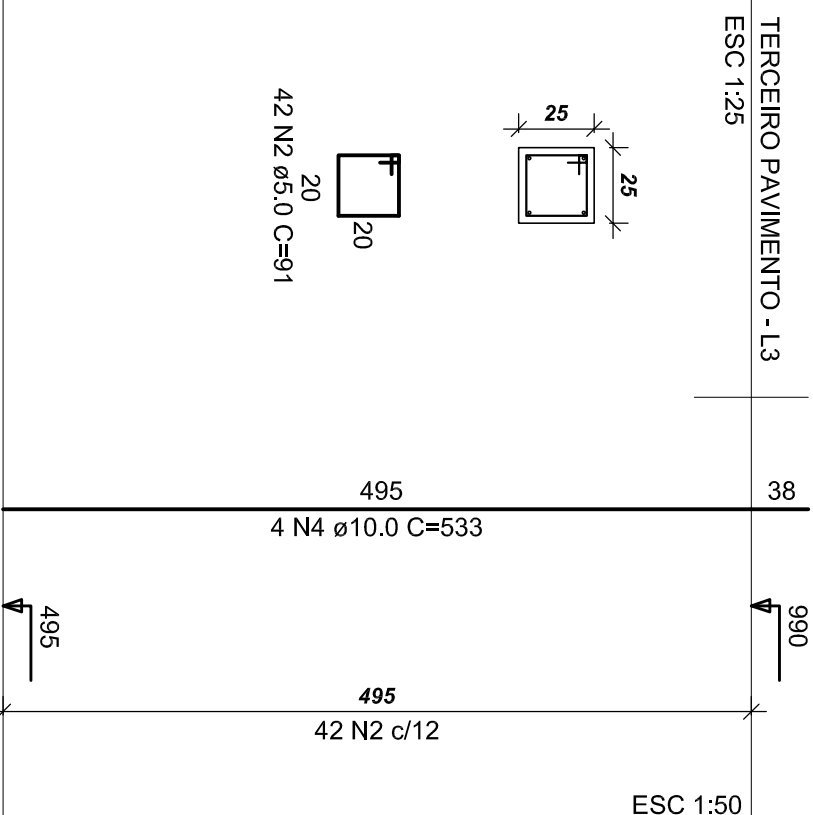


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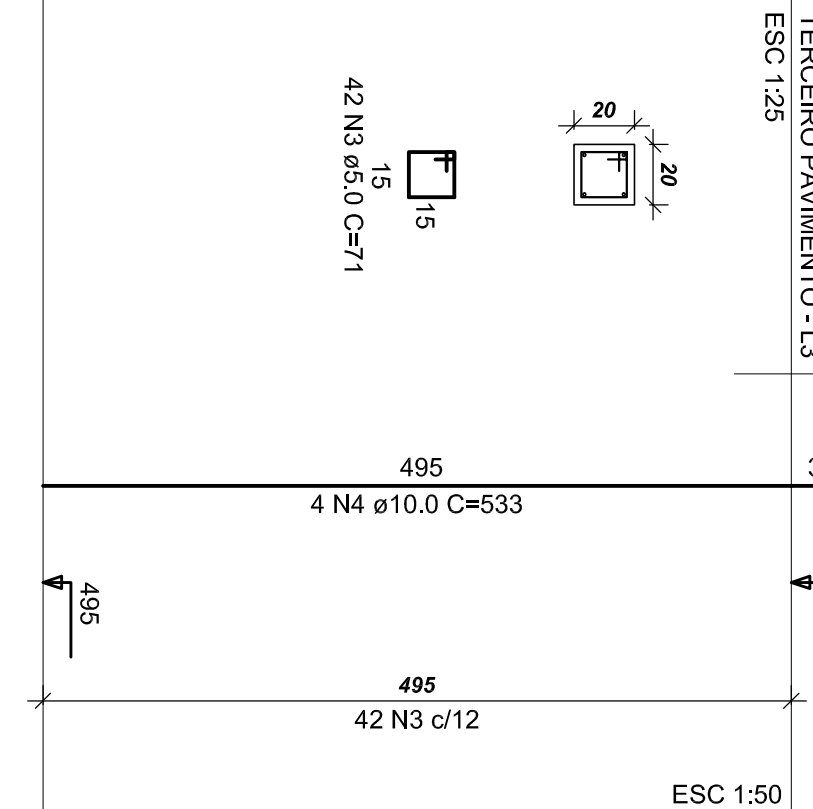
P1=P2=P28=P29=P32=P33=P59=P60



P3=P4=P5=P6=P11=P14=P17=P22=P24=P25=P26
=P27=P35=P36=P37=P38=P43=P44=P49=P50
=P55=P57=P58



P8=P9=P13=P15=P19=P20=P40=P41=P46=P47
=P51=P54=P56



AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	336	47	15792
	2	5.0	966	91	87906
	3	5.0	546	71	38766
50	4	10.0	176	533	93808

RESUMO DO AÇO

ACO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	10.0	938.1	636.4
CA60	5.0	143.8	242.9
PESO TOTAL			
CA50	636.4		
CA60	242.9		

Vol. de concreto total (C-25) = 10.47 m³
Área de forma total = 187.51 m²

Área de forma total = 187.5

Área de forma total = 187.51 m²

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
60	1	5.0	336	47	15792
	2	5.0	966	91	87906
	3	5.0	546	71	38766
50	4	10.0	176	492	86592

RELAÇÃO DO AÇO
PILARES QUE SUPORTAM A COBERTURA

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	10,0	865,9	587,4
CA60	5,0	143,8	242,9
PESO TOTAL			
CA50	587,4		
CA60	242,9		

RESUMO DO AÇO

Vol. de concreto total (C-25) = 10.47 m³
Área de forma total = 187.51 m²

Área de forma total = 187.51 m²

01	02.07.2013	PROJETO ESTRUTURAL
Nº:	DATA	RESPONSÁVEL
		DESCRIÇÃO DA REVISÃO:

AS BUILT
PROJETOS

AS BUILT ENGENHARIA DE PROJETOS LTDA
Rua João do Rosário, 1564 - Boa Vista
CEP: 82360-435 - Curitiba - Paraná
asbultprojetos@gmail.com - (41) 3088-4949

PROJETO ESTRUTURAL	PAGE
CONFERIR MEDIDAS NA OBRA	

CREA: 16.688.3/15.000-1-57
 AMPLIAÇÃO ENGENHARIAS
 CAMPUS TEÓFILO OTONI
 PROPRIETÁRIO: UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI
 CNPJ:

PRINCIPAL:	FERRAGEM DOS PILARES
AUTOR PROJETO:	CARLOS HENRIQUE DE SOUZA GONÇALVES CREA 7962/D - PR

ESCALA: INDICADA			DESENHO: EQUIPE
VERSÃO: VERSAO 1	DATA: 02/07/2013		
ARQUIVO:			TOTAL: EST 05/11