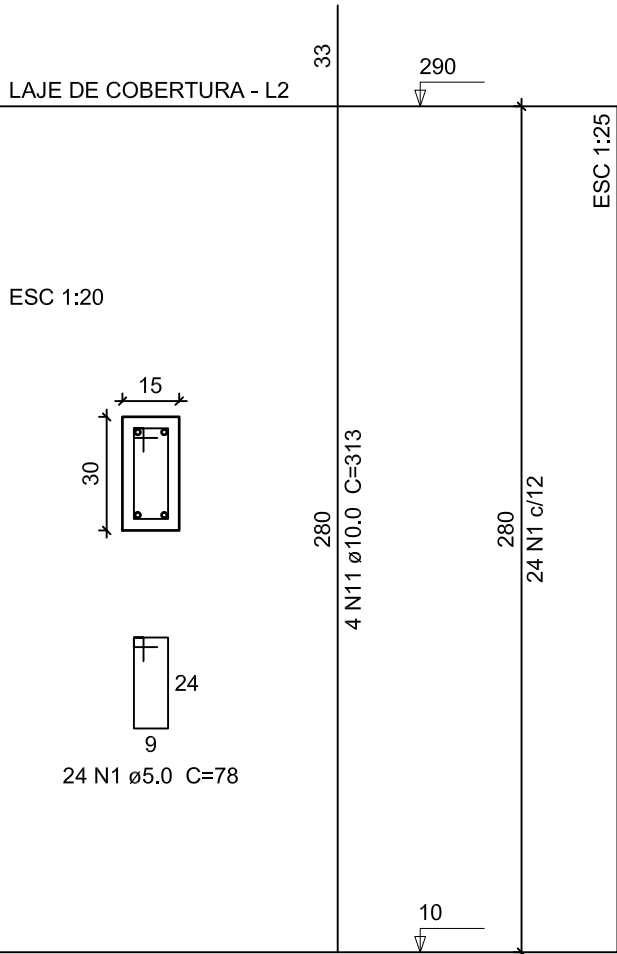
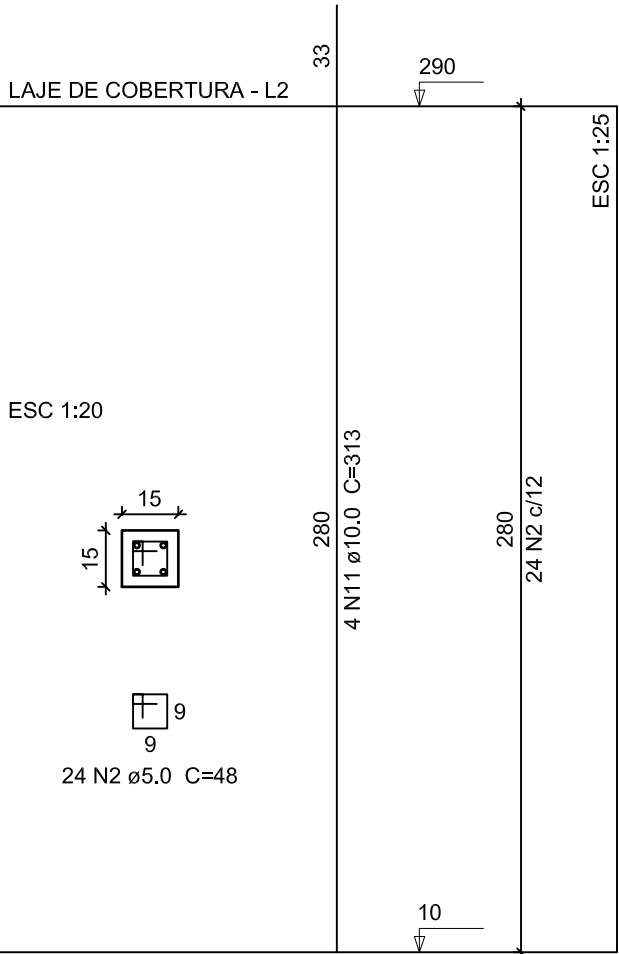


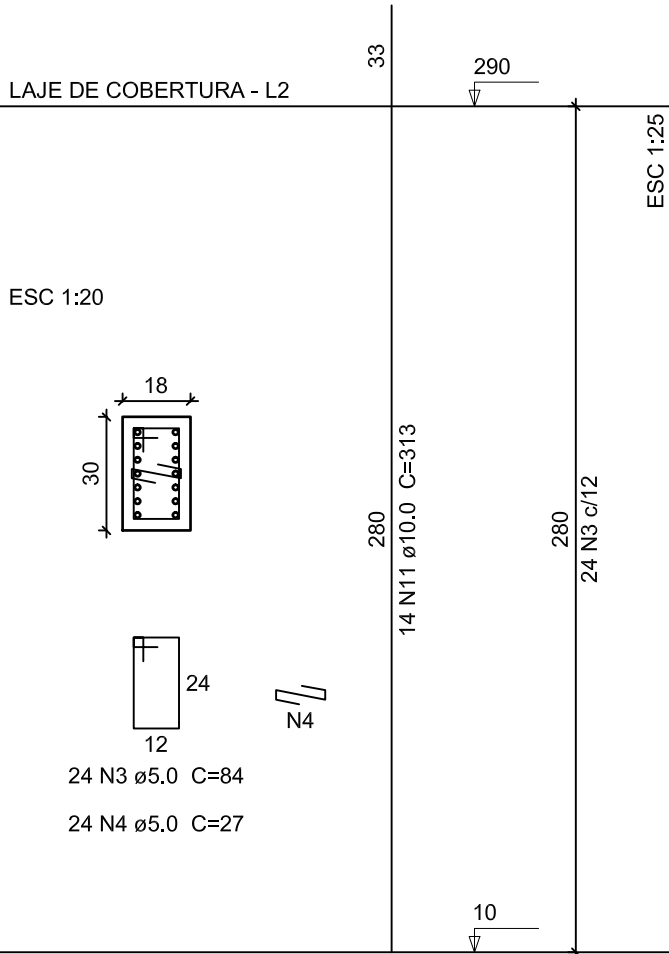
P1=P2=P3=P4=P7=P16=P24



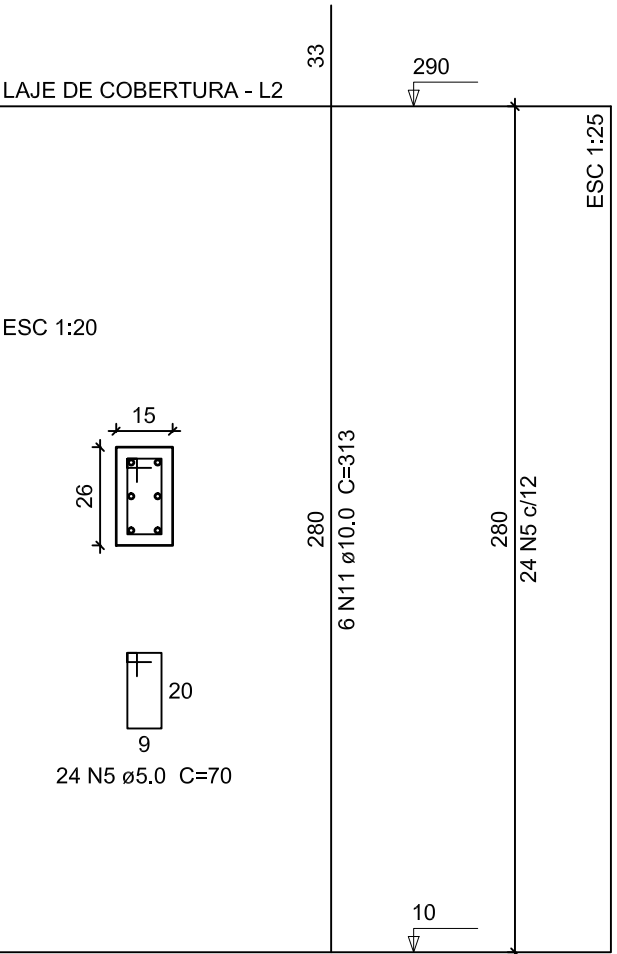
P5



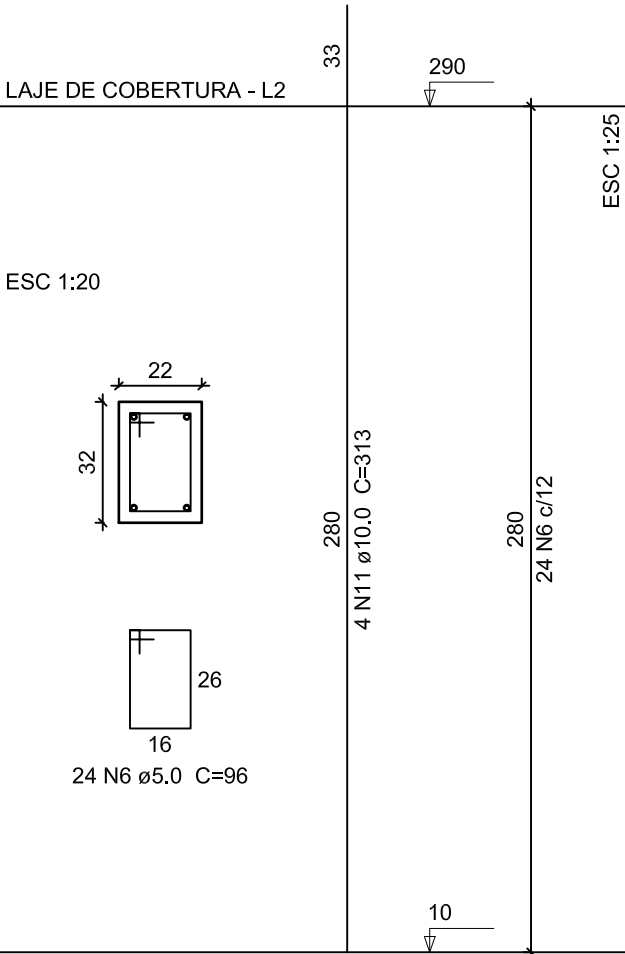
P6



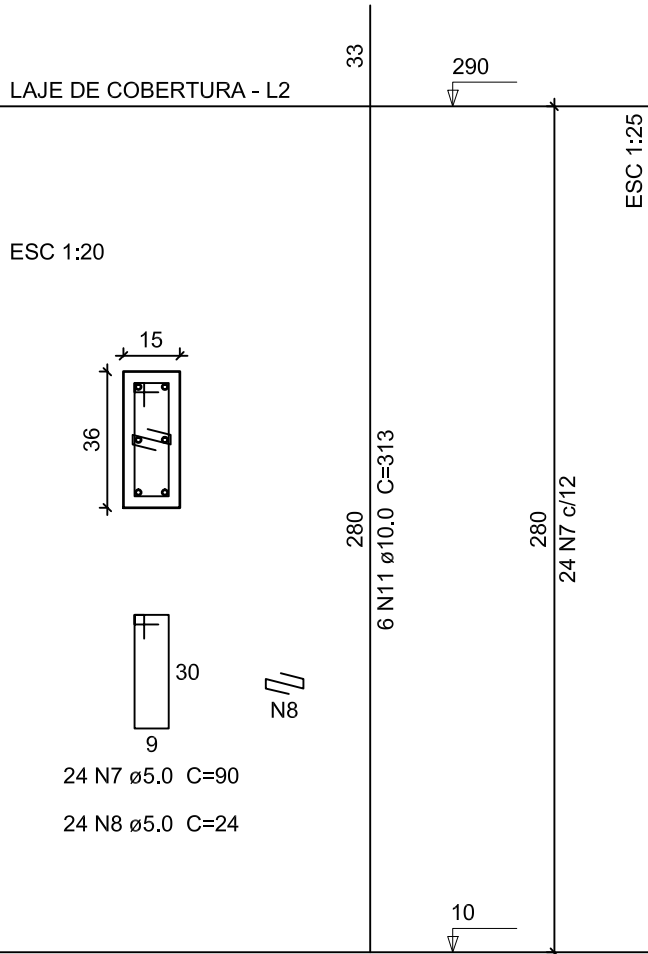
P8=P13



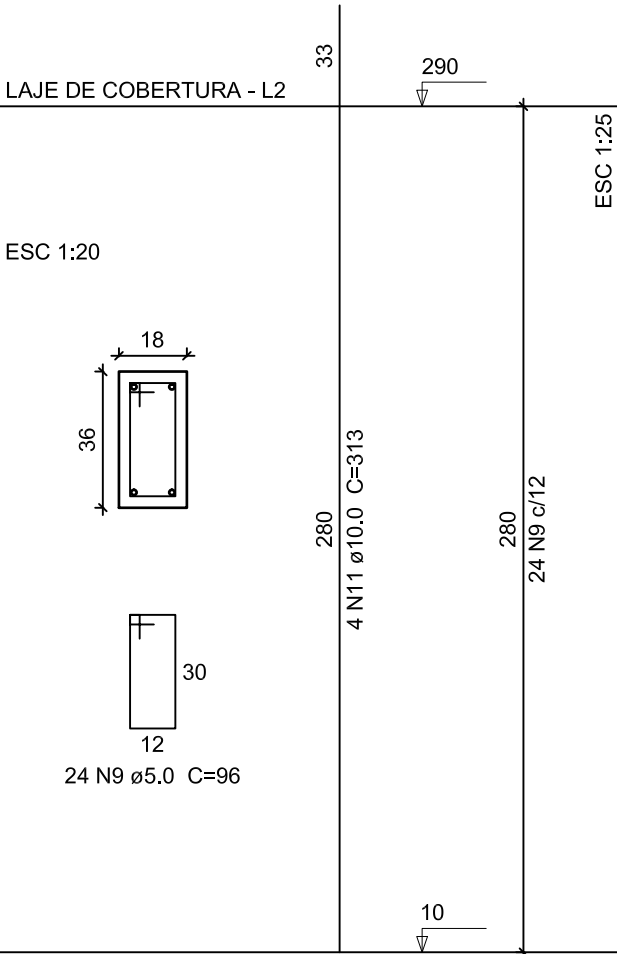
P9



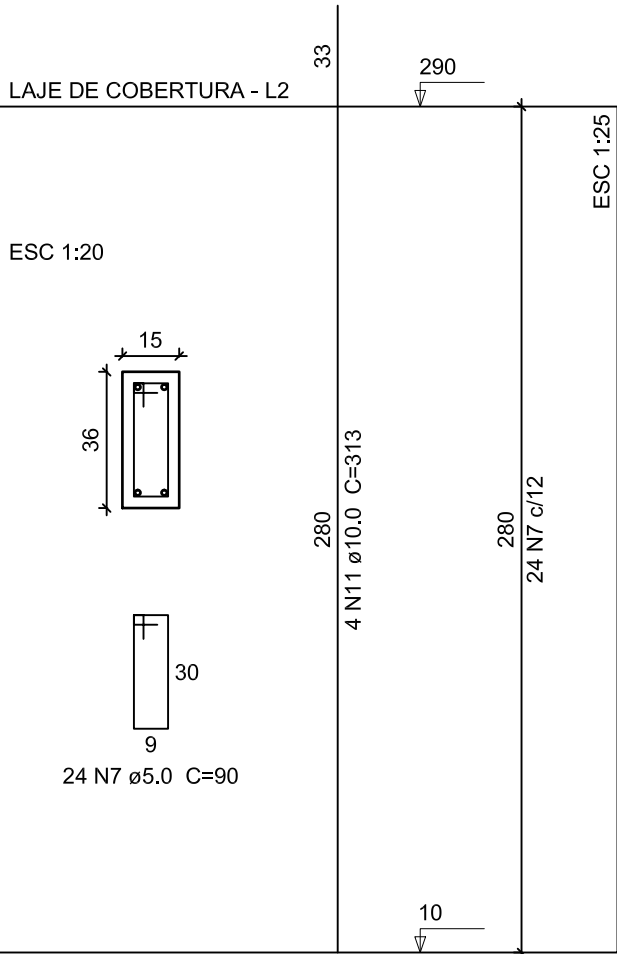
P10



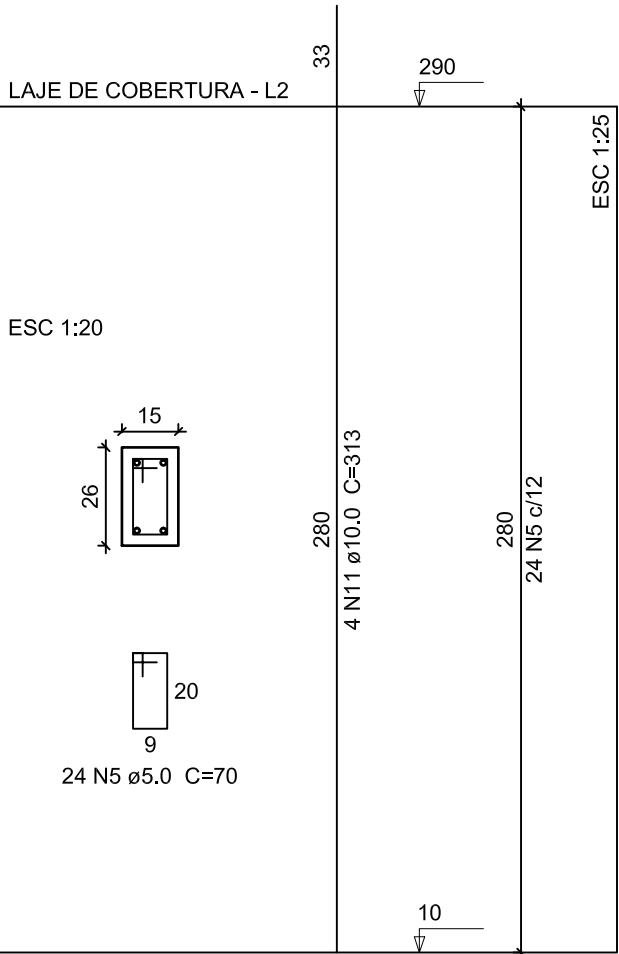
P11



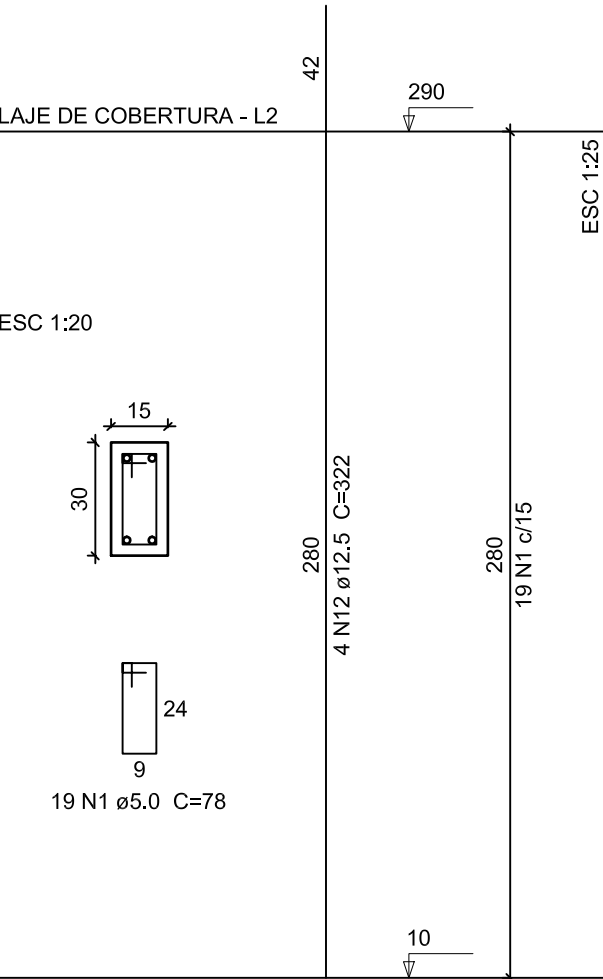
P12=P20



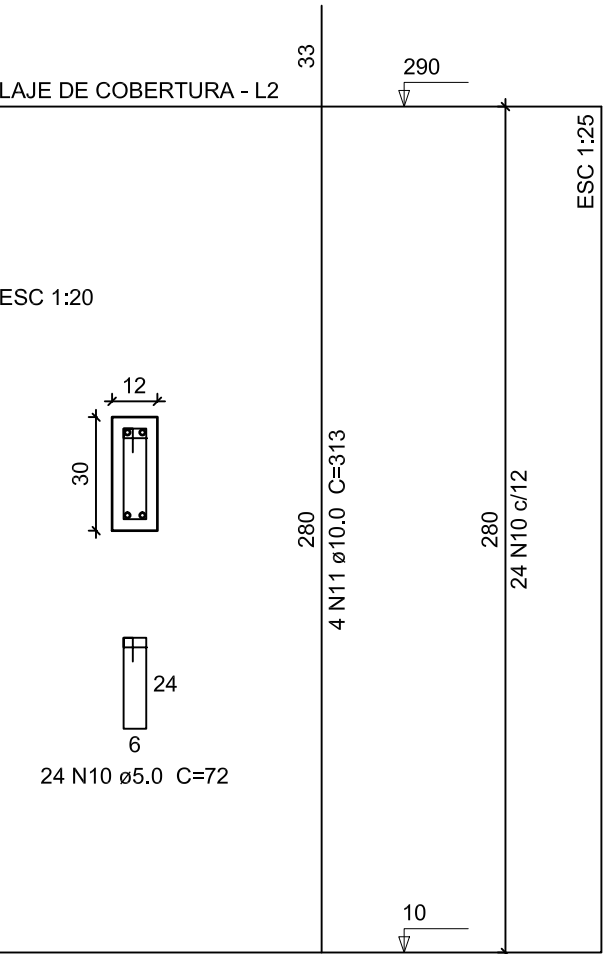
P14=P18=P22=P23



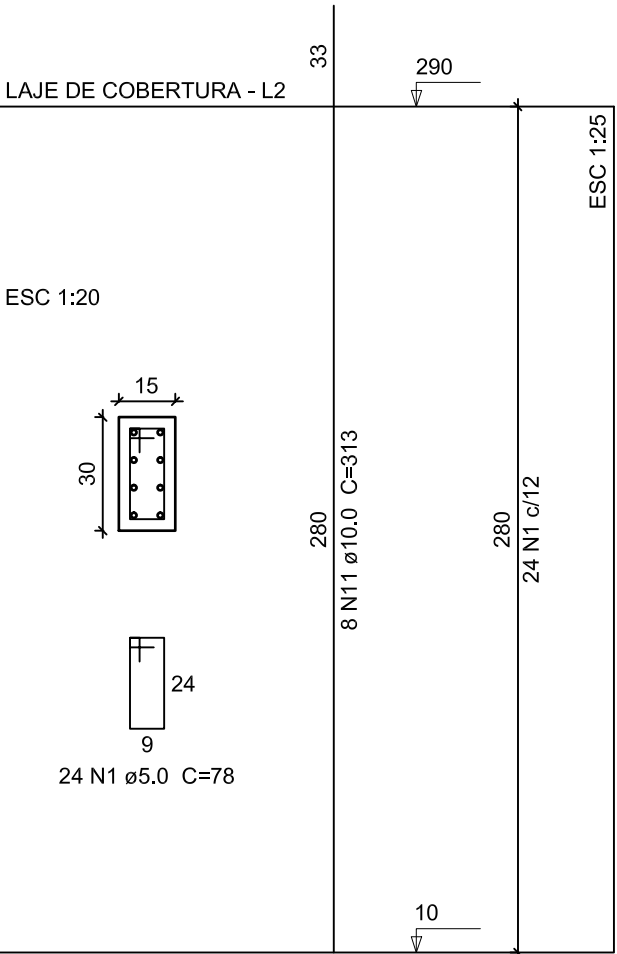
P15



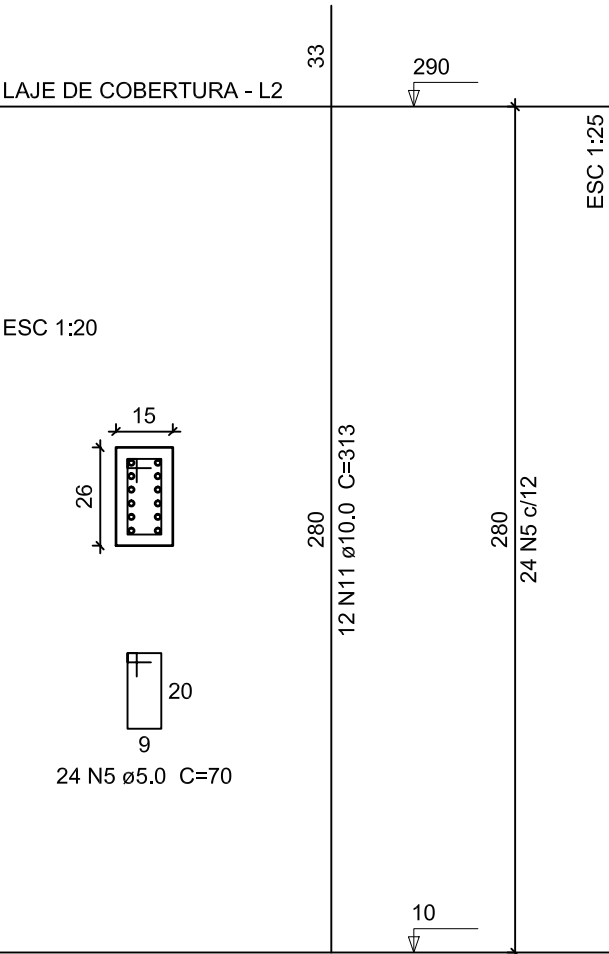
P17



P19



P21



Relação do aço

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	211	78	16458
	2	5.0	24	48	1152
	3	5.0	24	84	2016
	4	5.0	24	27	648
	5	5.0	168	70	11760
	6	5.0	24	96	2304
	7	5.0	72	90	6480
	8	5.0	24	24	576
	9	5.0	24	96	2304
	10	5.0	24	72	1728
	11	10.0	120	313	37560
CA50	12	12.5	4	322	1288

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	375.6	254.7
CA60	5.0	12.9	13.6
PESO TOTAL		454.3	77
CA50	268.4		
CA60	77		

Vol. de concreto total (C-30) = 3.05 m³
Área de forma total = 60.09 m²

MUNICÍPIO DE ARAUCÁRIA
SECRETARIA MUNICIPAL DE OBRAS PÚBLICAS - SMOP

TÍTULO
EDIFICAÇÃO - VIGILÂNCIA SANITÁRIA - BLOCO 2

REFERÊNCIA
PROJETO ESTRUTURAL
PILARES

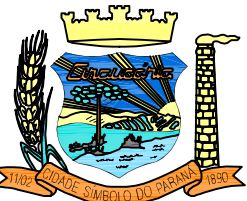
REQUERENTE

PREFEITURA DO MUNICÍPIO DE ARAUCÁRIA

RESP. TÉCNICO PELO PROJETO

FABIO ALCEU FERNANDES
CREA PR 73.222/D

LOCAL	QUADRA	LOTE	ESCALA	DESENHO	DATA	FOLHA
OLÍMPICO			INDICADA		OUT/15	05/07



MODIFICADO EM
/ /
/ /
/ /