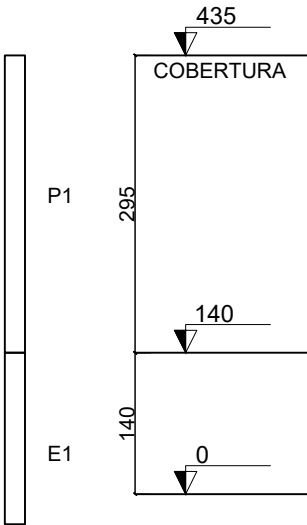
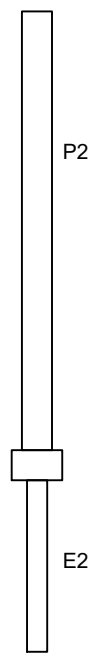
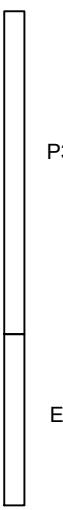
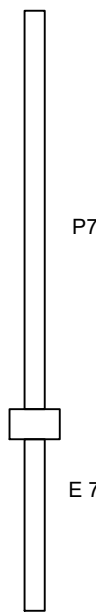
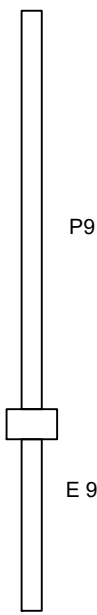
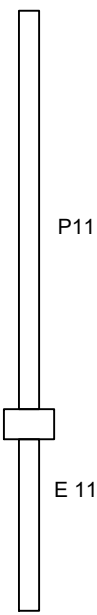
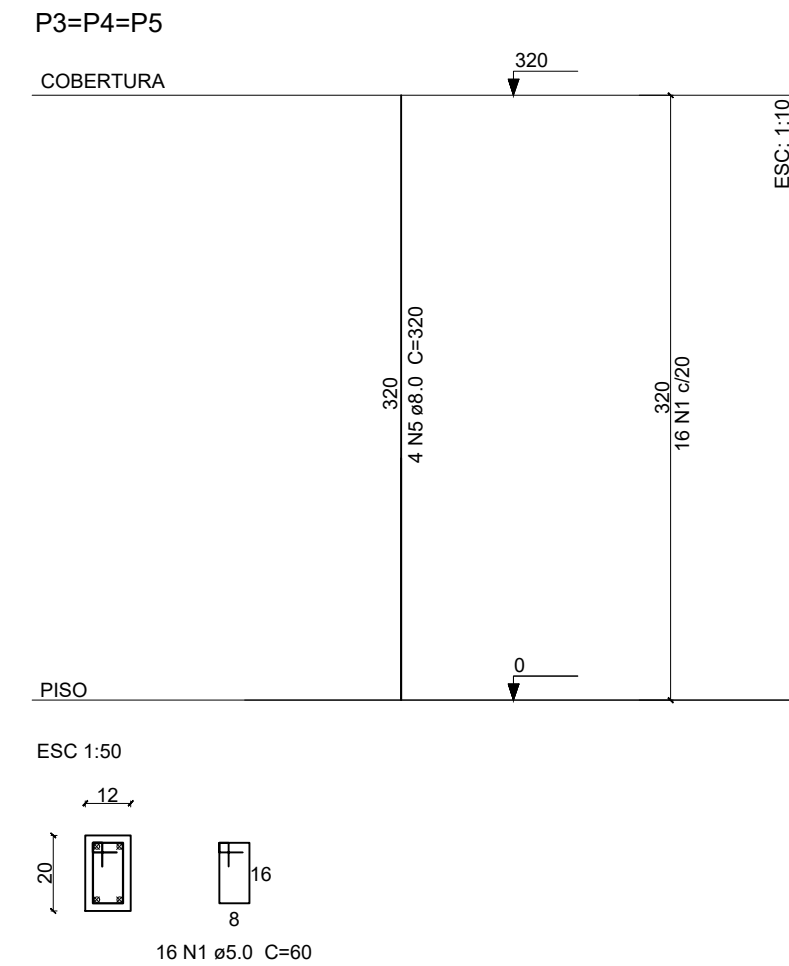
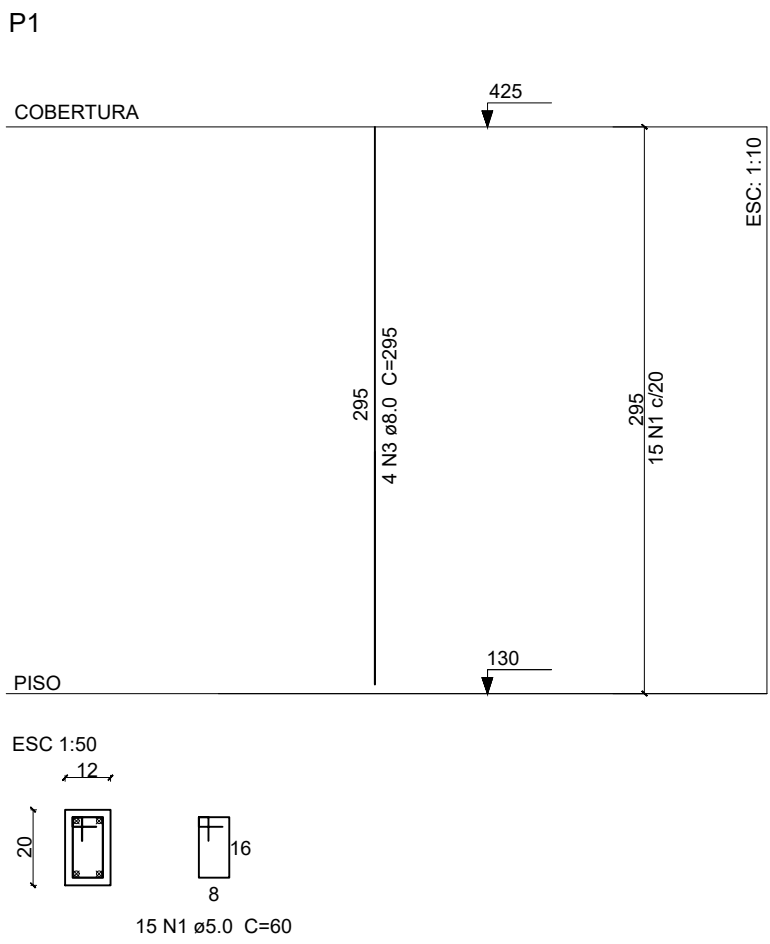
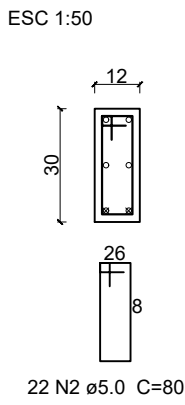
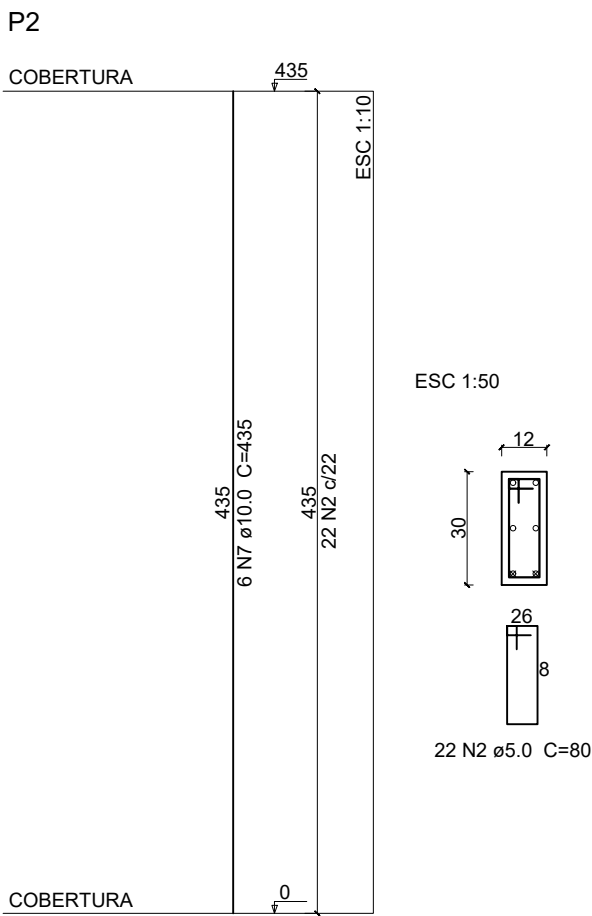


IMPLANTAÇÃO
Escala - 1/75



CORTE B-B
Escala - 1/75



AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	15	60	900
	2	5.0	22	80	1760
	3	5.0	234	100	23400
CA50	4	8.0	4	295	1180
	5	8.0	12	320	3840
	6	10.0	36	390	14040
	7	10.0	6	435	2610

Resumo do aço				
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)	
CA50	8.0	50.2	21.81	
CA60	10.0	166.5	113	
PESO TOTAL (kg)				
CA50	134.8			
CA60	44.15			

Volume de concreto (C-25) = 2.0 m³
Área de forma = 17.6 m²

MUNICÍPIO DE RENASCENÇA - PR		
RUA GETÚLIO VARGAS, 901 - FONE: (046) 3550-8300 - CEP: 85.610-000		
ADMINISTRAÇÃO	RESP. TÉCNICO	PRANCHAS
IDALIR JOÃO ZANELLA PREFEITO	ENG. CIVIL JOÃO PAULO BASINAK BOESE CREA-PR 124570/D	02/02
OBRA	AMPLIAÇÃO DE COBERTURA - ESCOLA IDA KUMMER	EST. COB. BL. 01 E SEC. 420.40 m²
ESPECIFICAÇÕES	IMPLANTAÇÃO PILARES TAB. DE AÇO - PILARES CORTE A-A	DATA OUTUBRO/2022
LOCAL	RUA COSTA E SILVA	COTE CH 49
MUNICÍPIO	RENASCENÇA	ESTADO PARANÁ
		DESENHISTA