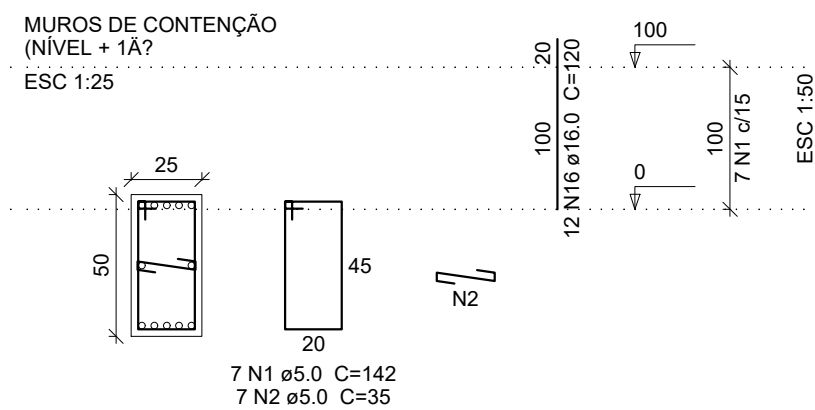
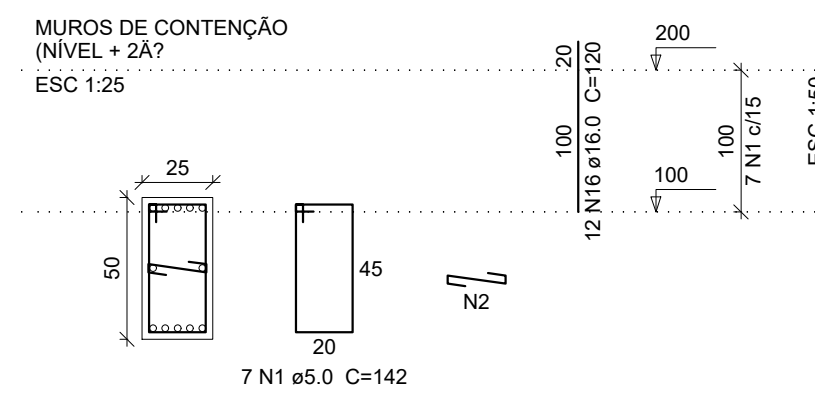


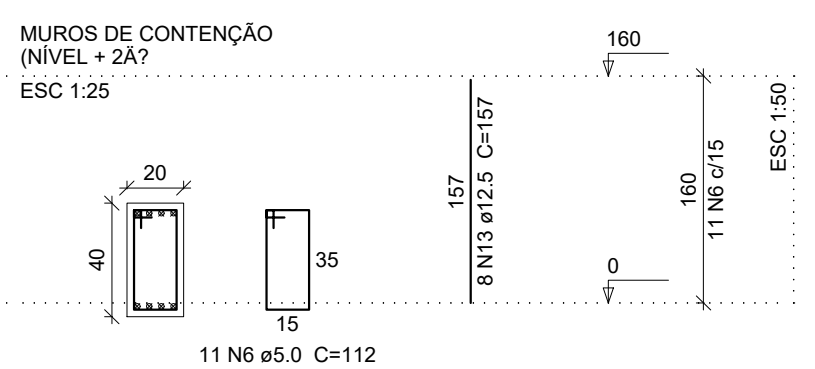
PM-7=PM-8=PM-9



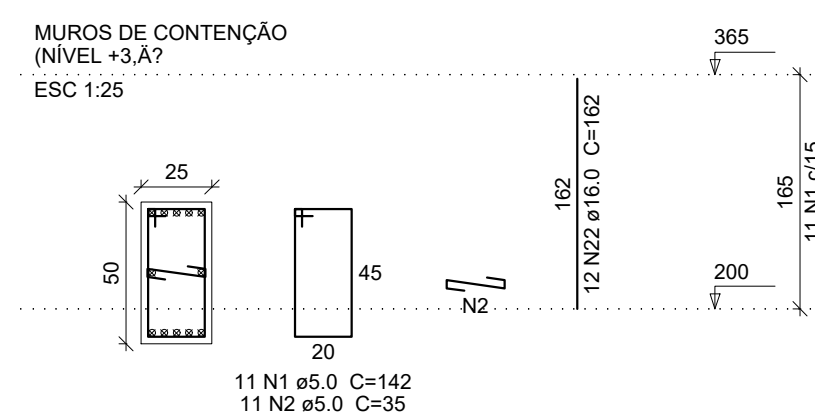
PM-7=PM-8=PM-9



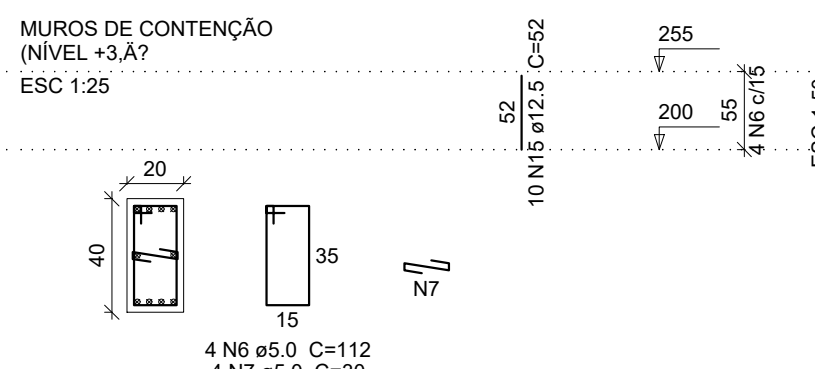
PM-16



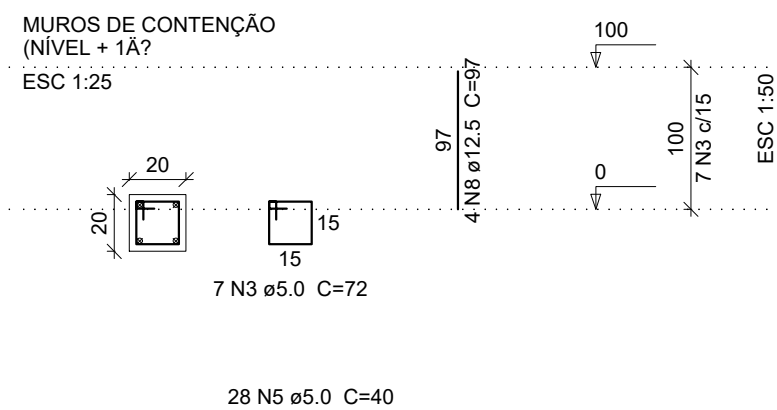
PM-6



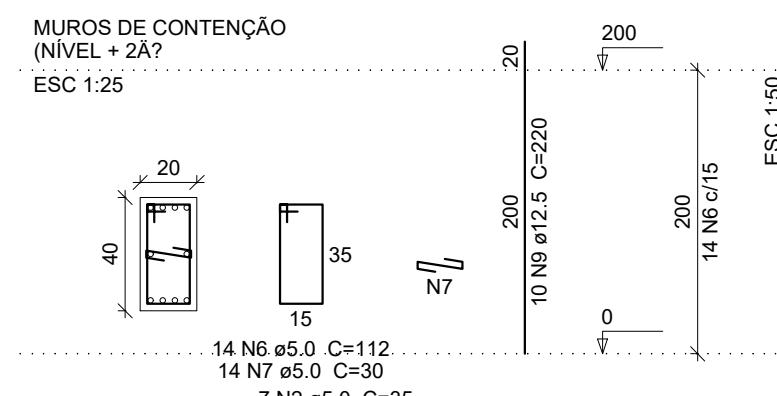
PM-12



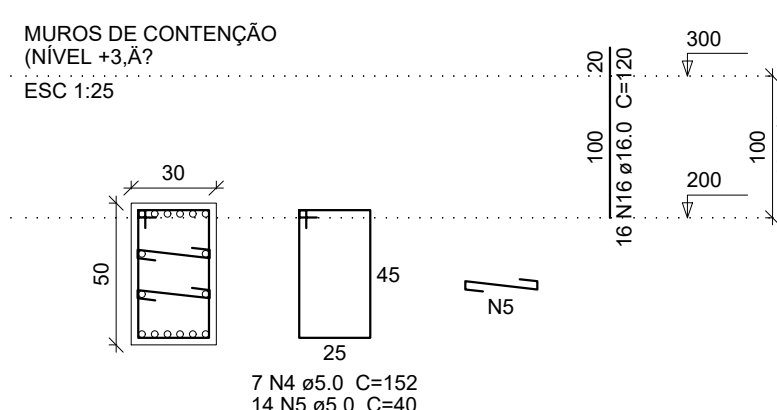
PM-18=PM-19



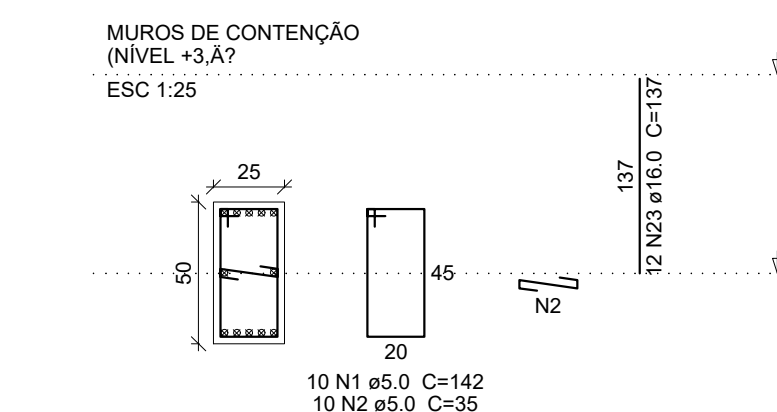
PM-11=PM-12



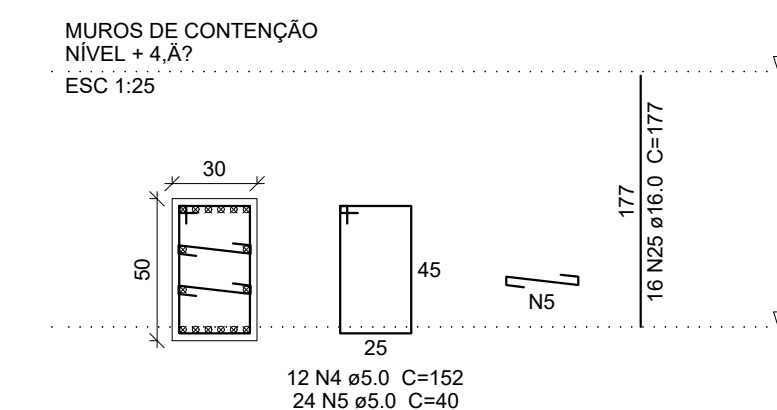
PM-1=PM-3



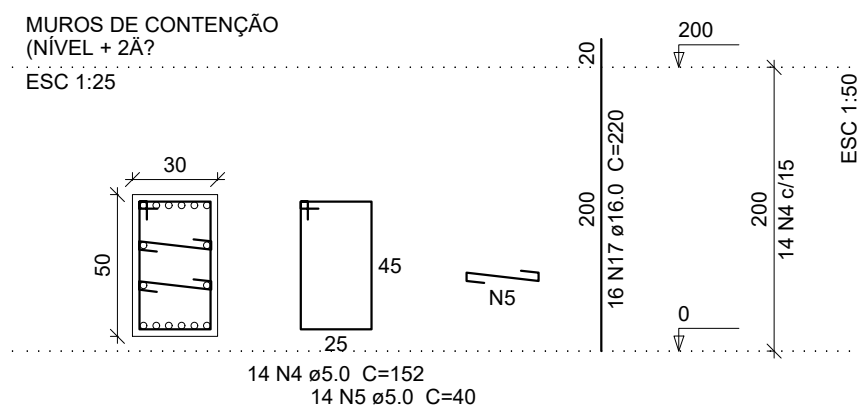
PM-7



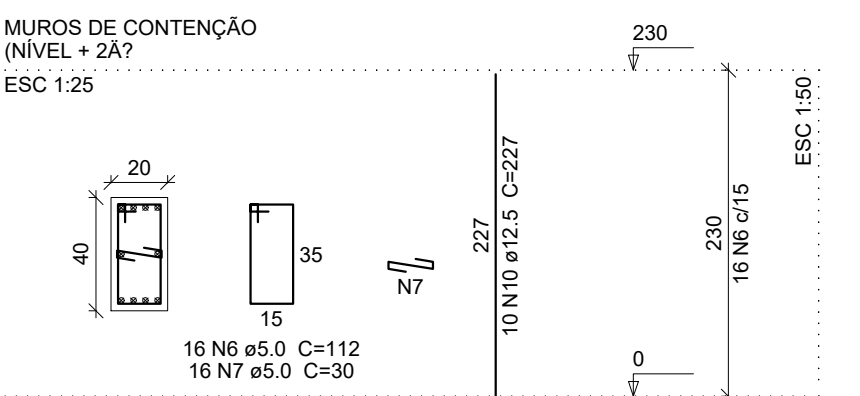
PM-1



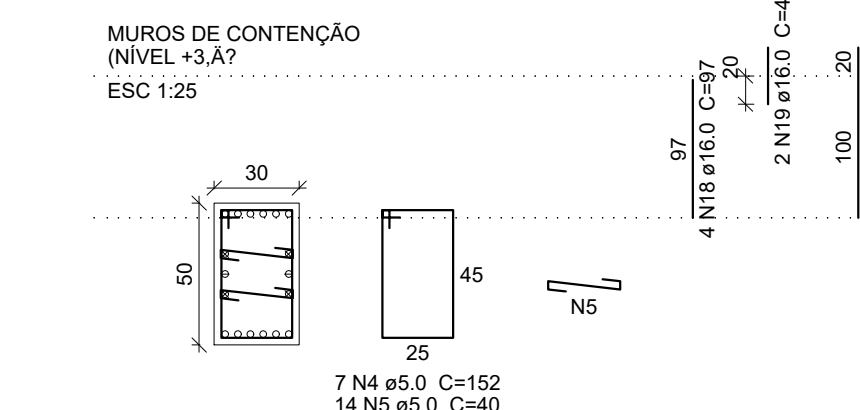
PM-1=PM-2=PM-3



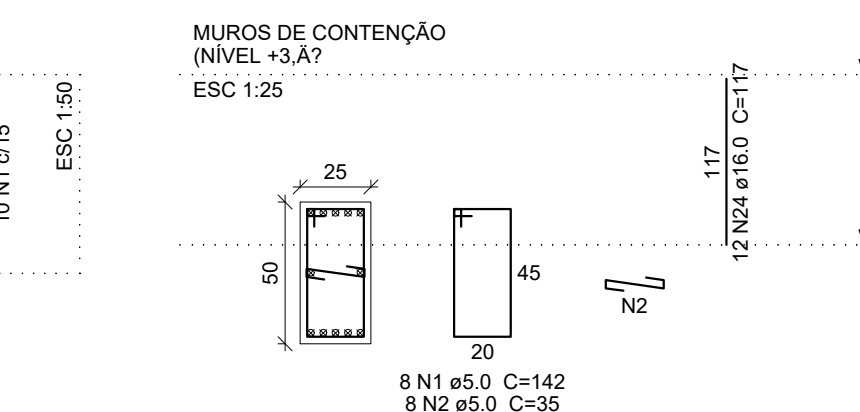
PM-13



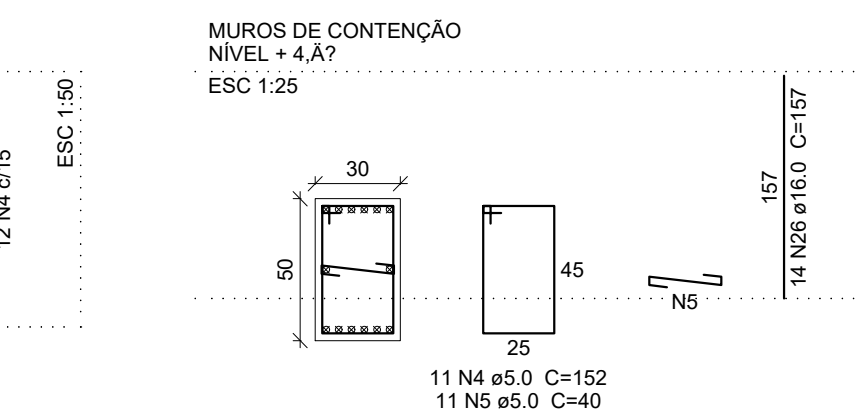
PM-2



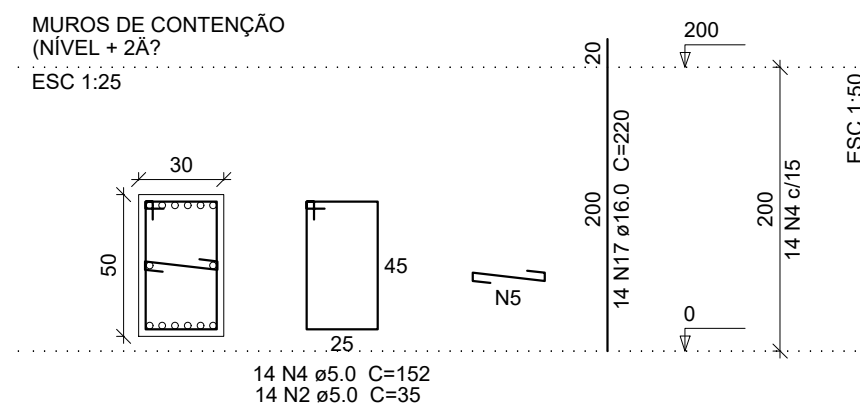
PM-8



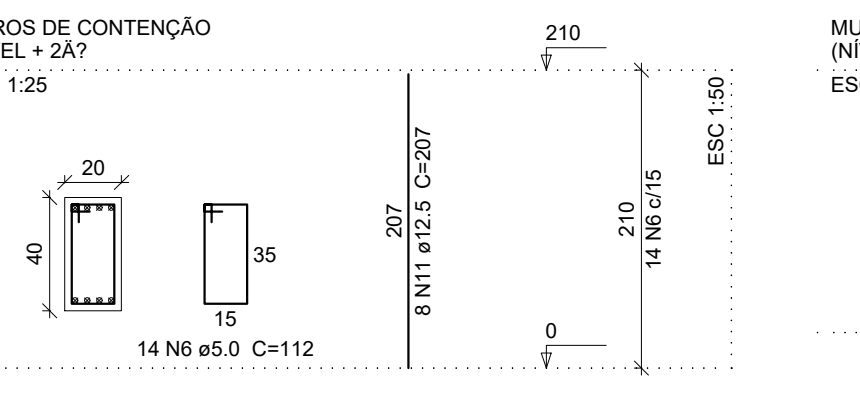
PM-2



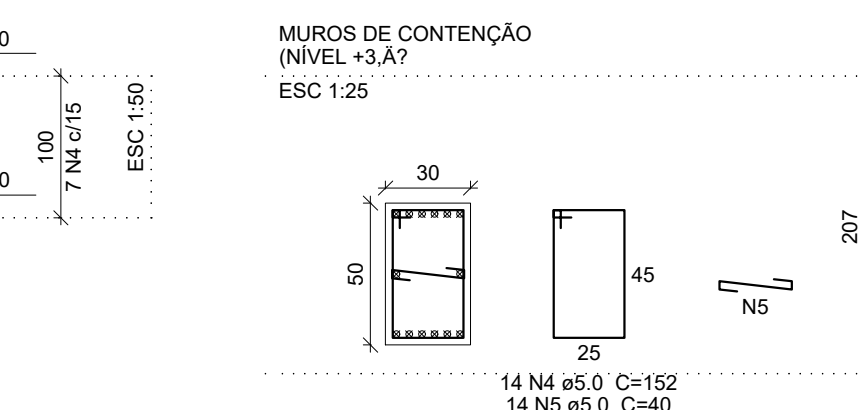
PM-4=PM-5



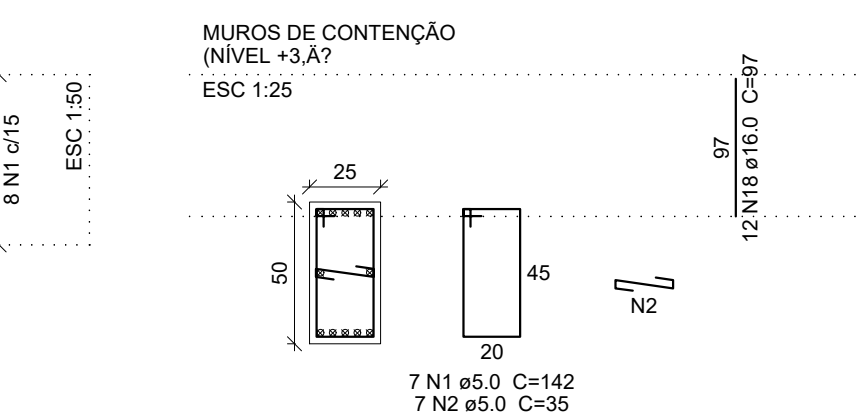
PM-14



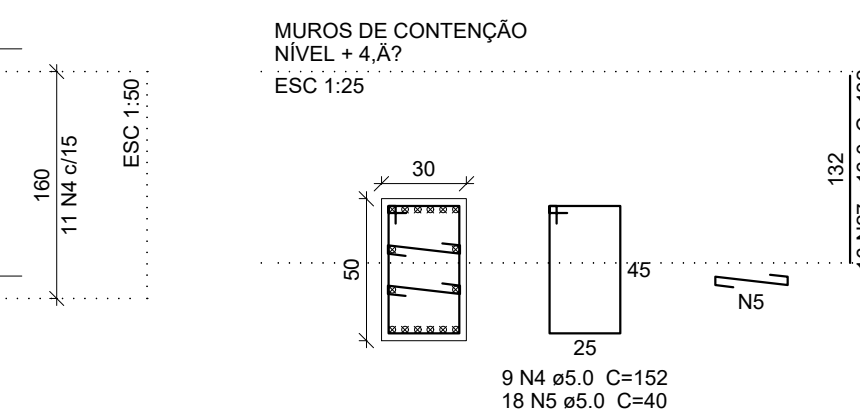
PM-4



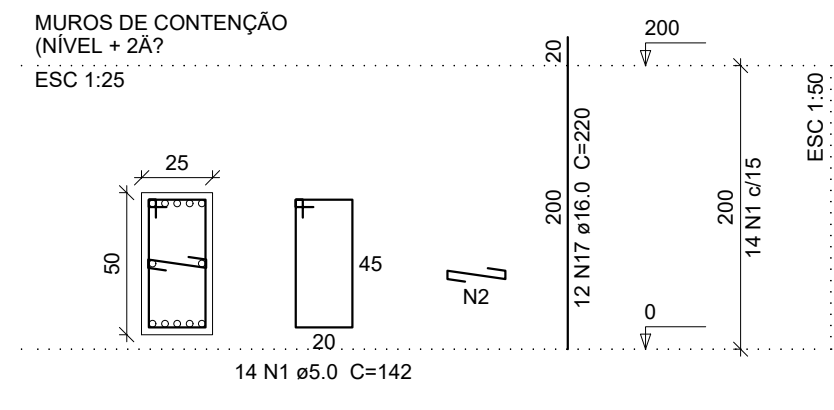
PM-9



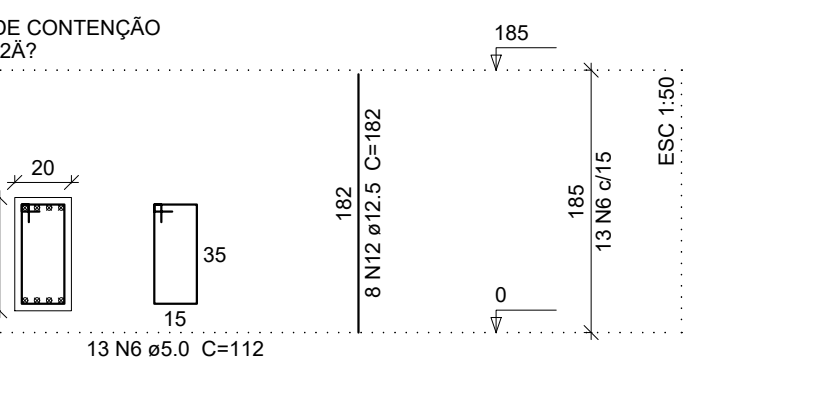
PM-3



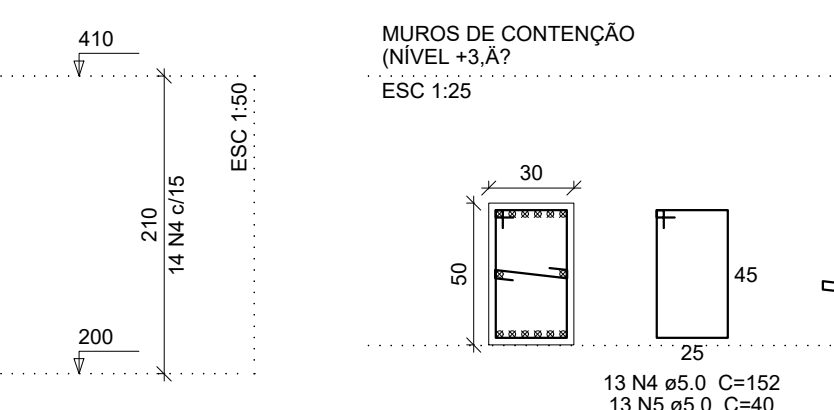
PM-6



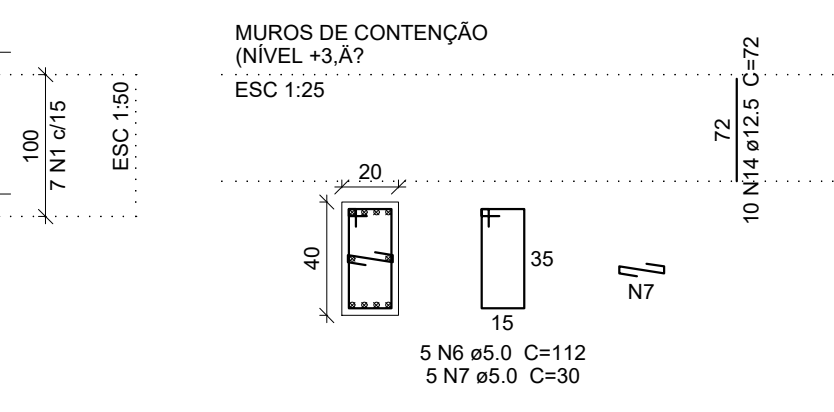
PM-15



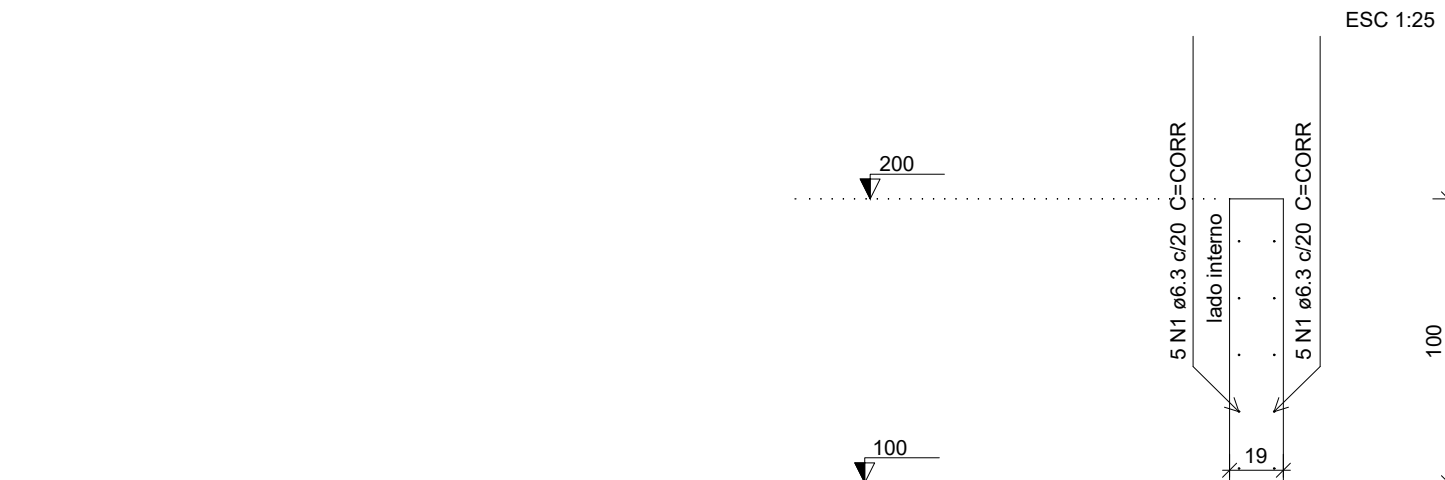
PM-5



PM-11



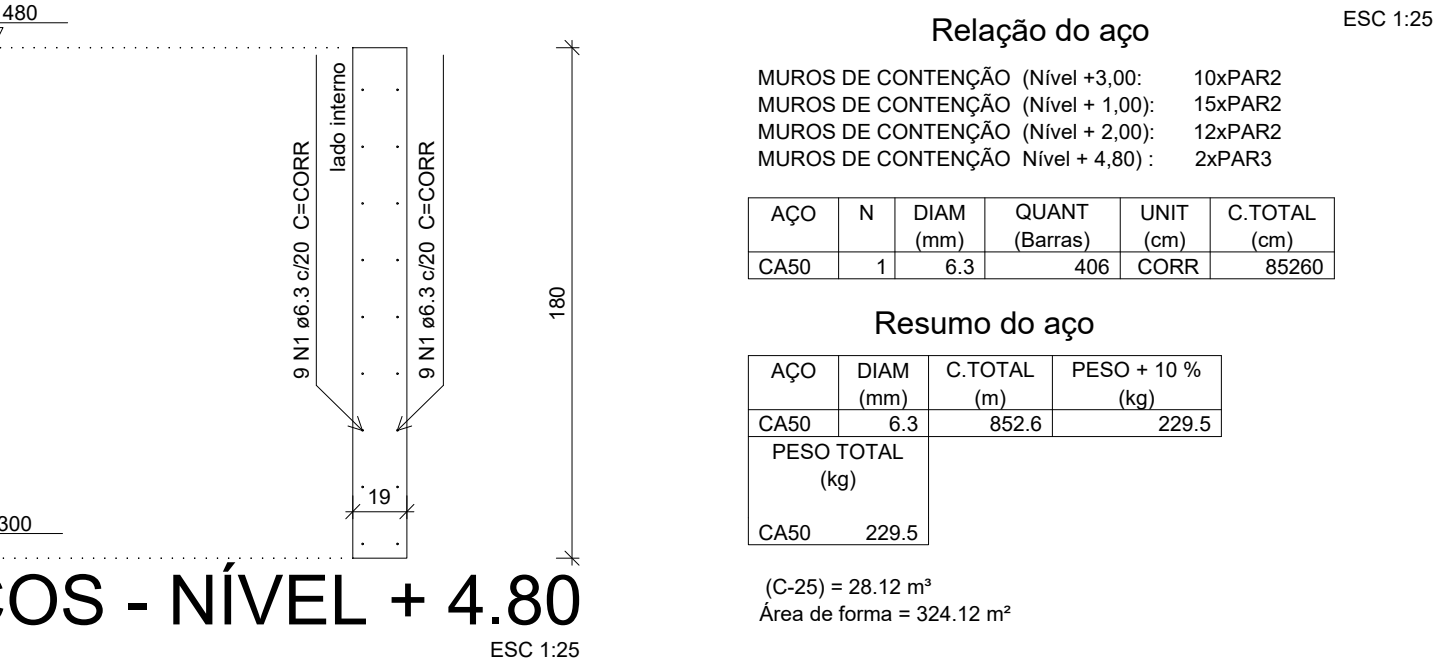
ARMADURAS DOS BLOCOS - NÍVEL + 1.00



ARMADURAS DOS BLOCOS - NÍVEL + 2.00



ARMADURAS DOS BLOCOS - NÍVEL + 3.00



Forma do pavimento MUROS DE CONTENÇÃO Nível + 4,80)

escala 1:100

ARMADURAS DOS BLOCOS - NÍVEL + 4.80

escala 1:25

Relação do aço

MUROS DE CONTENÇÃO (Nível + 3,00): PM-2
PM-4
PM-6
PM-8
PM-11
PM-12
MUROS DE CONTENÇÃO (Nível + 1,00): 2xPM-18
MUROS DE CONTENÇÃO (Nível + 2,00): 2xPM-4
3xPM-7
2xPM-11
PM-13
PM-14
PM-15
MUROS DE CONTENÇÃO (Nível + 4,80): PM-2
PM-3

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	92	142	13064
	2	5.0	92	35	3220
	3	5.0	14	72	1008
	4	5.0	150	152	22800
	5	5.0	234	40	9360
	6	5.0	91	112	10192
	7	5.0	53	30	1590
	8	12.5	8	97	776
	9	12.5	20	220	4400
	10	12.5	10	227	2270
	11	12.5	8	207	1656
	12	12.5	8	182	1456
	13	12.5	8	157	1256
	14	12.5	10	72	720
	15	12.5	10	52	520
	16	16.0	116	120	13920
	17	16.0	88	220	19360
	18	16.0	16	97	1552
	19	16.0	2	40	80
	20	16.0	14	207	2898
	21	16.0	14	187	2618
	22	16.0	12	162	1944
	23	16.0	12	137	1644
	24	16.0	12	117	1404
	25	16.0	16	177	2832
	26	16.0	14	157	2198
	27	16.0	16	132	2112

Resumo do aço

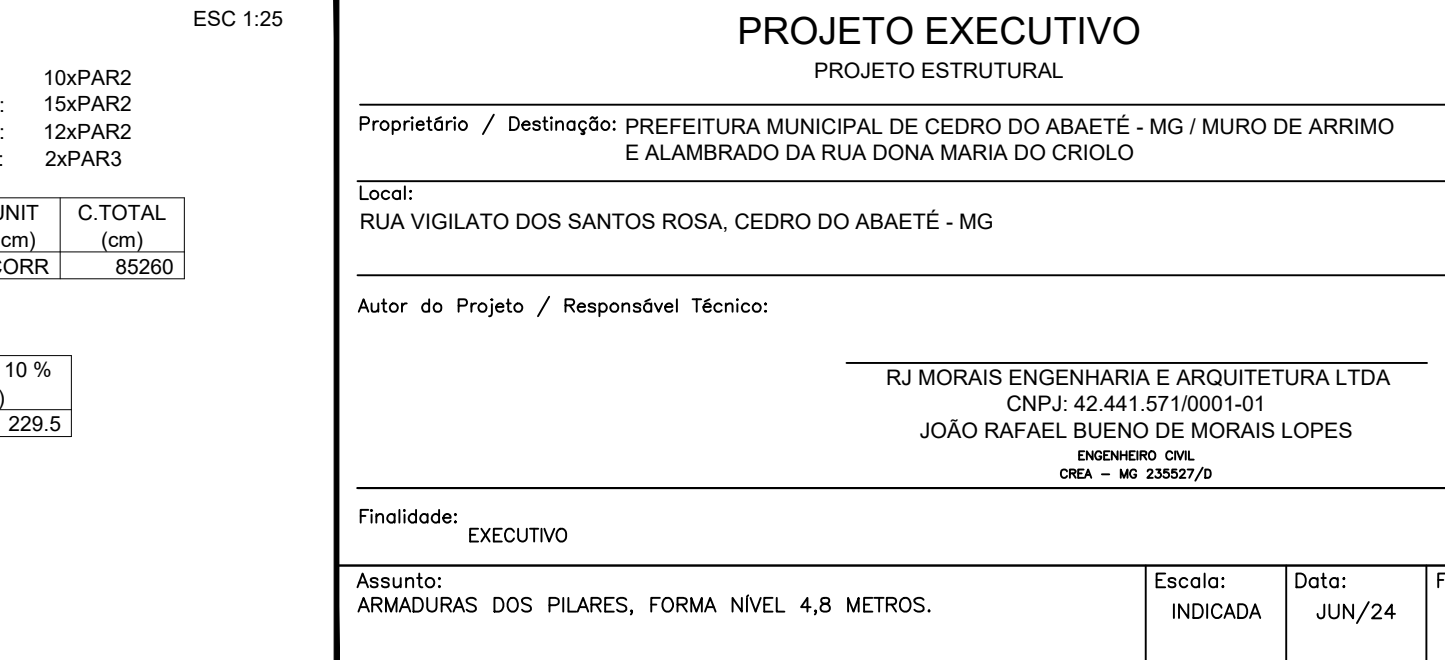
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	12.5	130.6	138.3
CA60	5.0	612.4	103.8
PESO TOTAL (kg)			
CA50	1050.9		
CA60	103.8		

(C-25) = 6.05 m³
Área de forma = 72.06 m²

ARMADURAS DOS BLOCOS - NÍVEL + 2.00



ARMADURAS DOS BLOCOS - NÍVEL + 3.00



Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V-401	20x50	-20	460

Características dos materiais	Ecs (kgf/cm²)	Abatimento (cm)
250	214200	6.00

Dimensão máxima do agregado = 19 mm

Nome	Seção (cm)	Elevação (cm)	Nível (cm)
PM-1	30 x 50	0	480
PM-2	30 x 50	-20	460
PM-3	30 x 50	-45	435

Legenda dos Pilares	
Pilar que morre	■
Pilar que passa	▨
Pilar que nasce	□
Pilar com mudança de seção	▤

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www.rjmoraes.com.br

PROJETO EXECUTIVO

PROJETO ESTRUTURAL

Proprietário / Destinação: PREFEITURA MUNICIPAL DE CEDRO DO ABAETÉ - MG / MURO DE ARRIMO E ALAMBRADO DA RUA DONA MARIA DO CRILO

Local: RUA VIGILATO DOS SANTOS ROSA, CEDRO DO ABAETÉ - MG

Autor do Projeto / Responsável Técnico:

RJ MORAIS ENGENHARIA E ARQUITETURA LTDA
CNPJ: 42.441.571/0001-01
JOÃO RAFAEL BUENO DE MORAIS LOPES
PROJETO CIVIL
CREA - MG 235527/D

Finalidade: EXECUTIVO

Assunto: ARMADURAS DOS PILARES, FORMA NÍVEL 4,8 METROS.

Escala: INDICADA

Data: JUN/24

Folha: 03