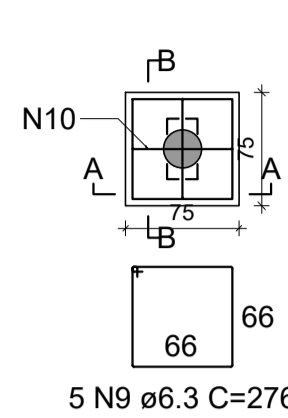


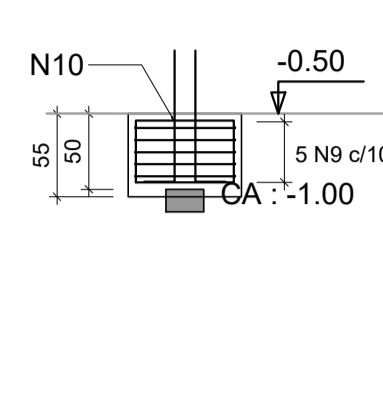
PROJETO ESTRUTURAL - CONCRETO ARMADO
ESCALA INDICADA

**B1
1xHC25**

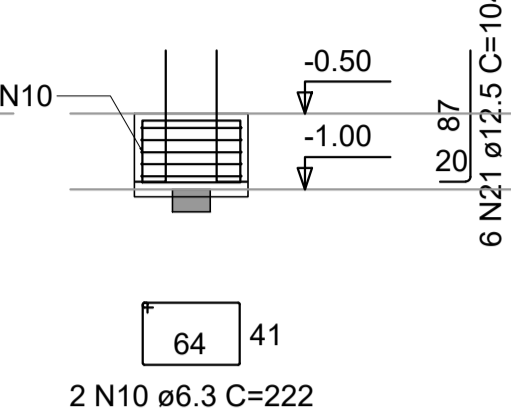
PLANTA
Escala 1:50



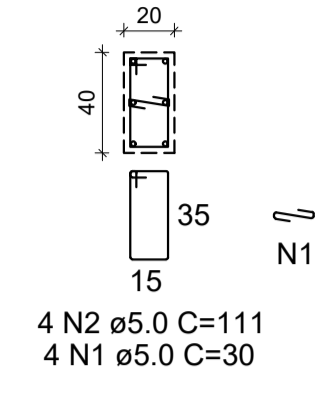
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

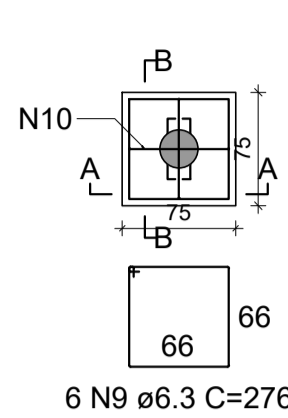


DETALHE DO PILAR
Escala 1:30

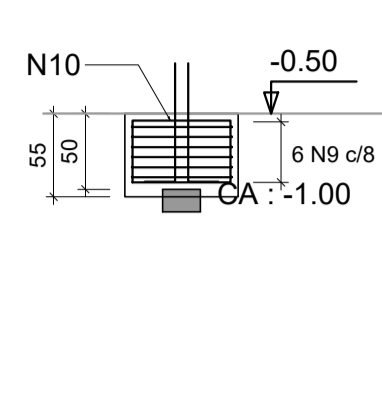


**B2
1xHC25**

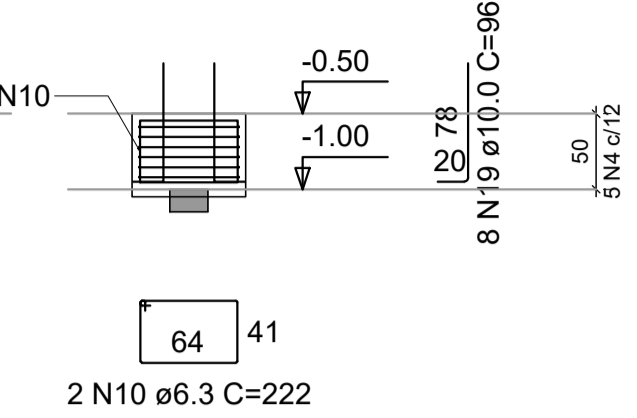
PLANTA
Escala 1:50



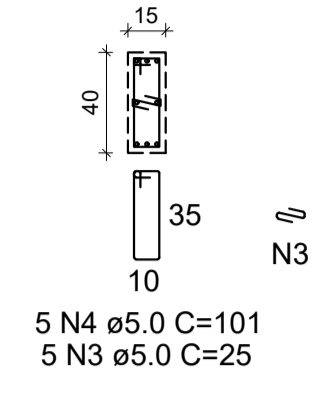
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

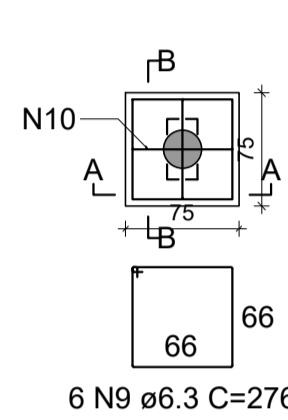


DETALHE DO PILAR
Escala 1:30

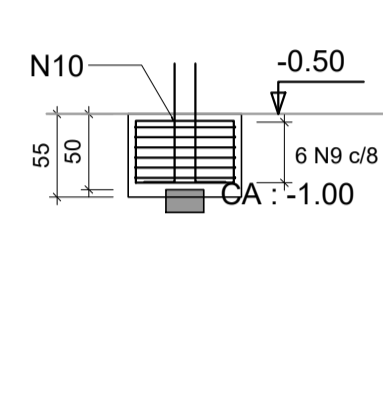


**B3
1xHC25**

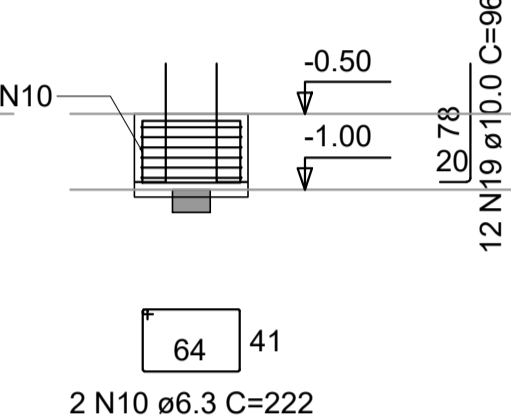
PLANTA
Escala 1:50



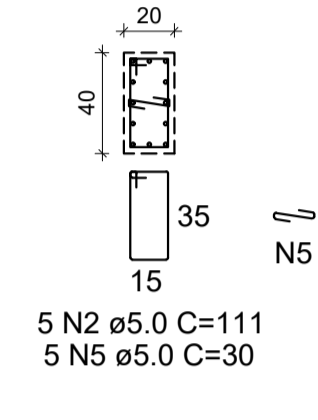
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

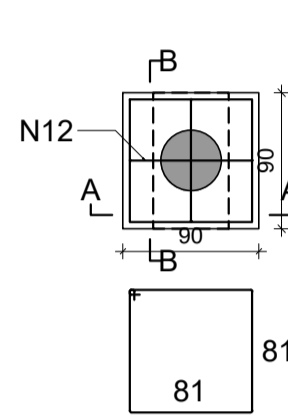


DETALHE DO PILAR
Escala 1:30

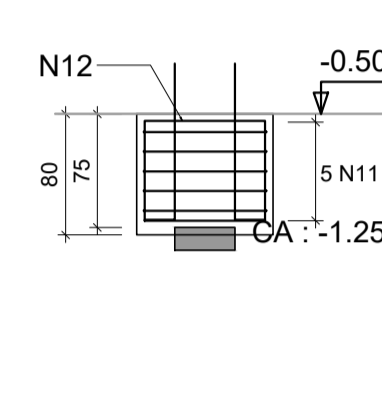


**B8
1xHC40**

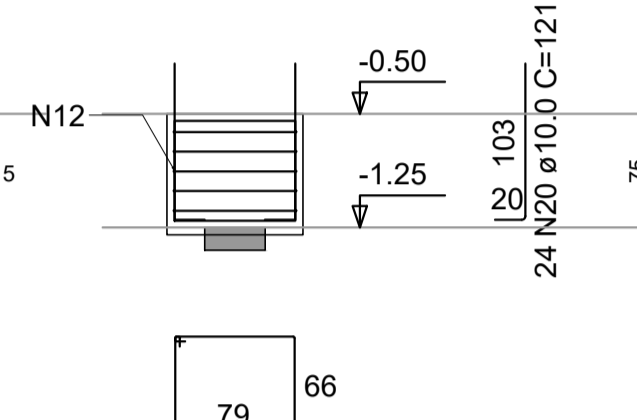
PLANTA
Escala 1:50



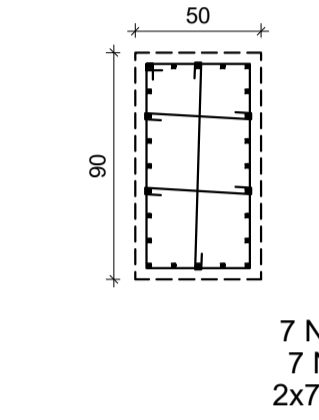
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

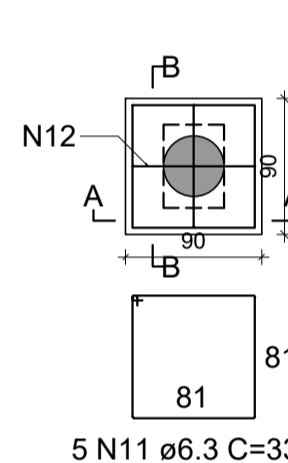


DETALHE DO PILAR
Escala 1:30

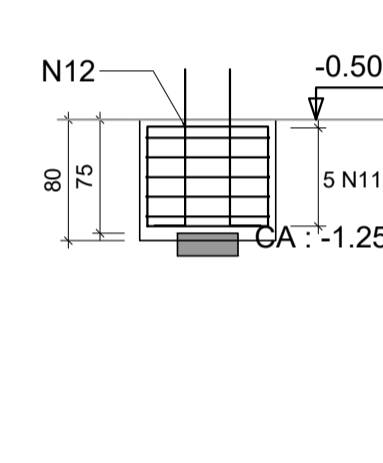


**B9
1xHC40**

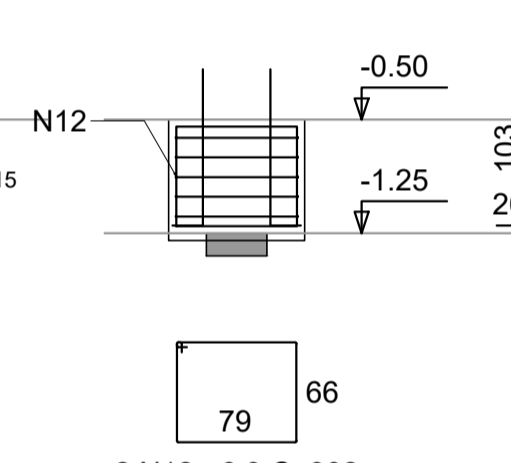
PLANTA
Escala 1:50



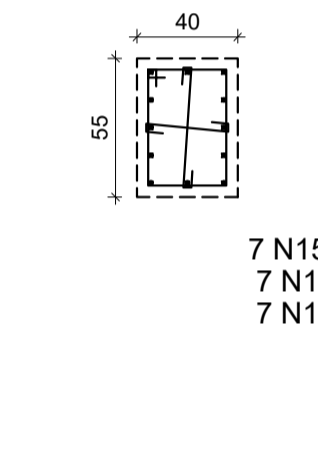
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

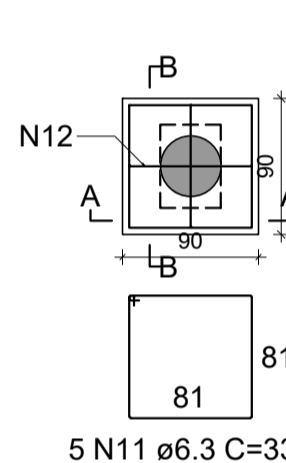


DETALHE DO PILAR
Escala 1:30

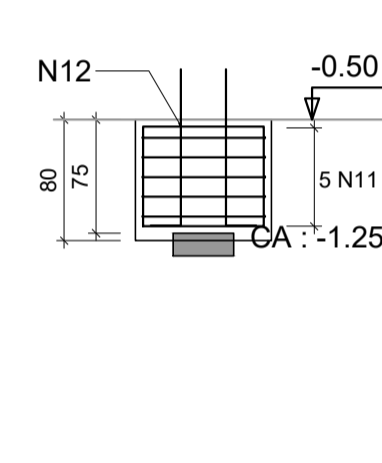


**B10
1xHC40**

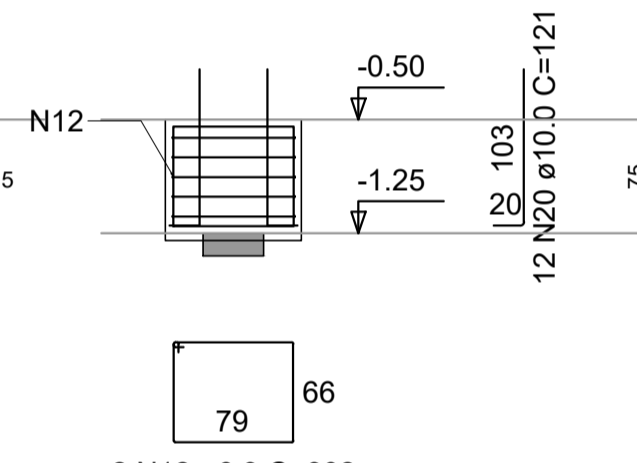
PLANTA
Escala 1:50



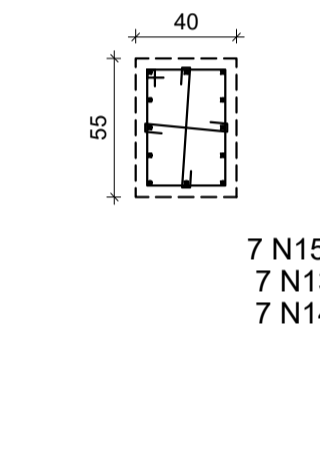
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

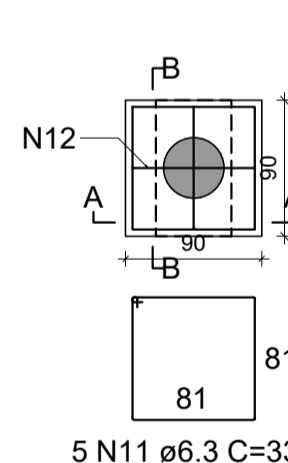


DETALHE DO PILAR
Escala 1:30

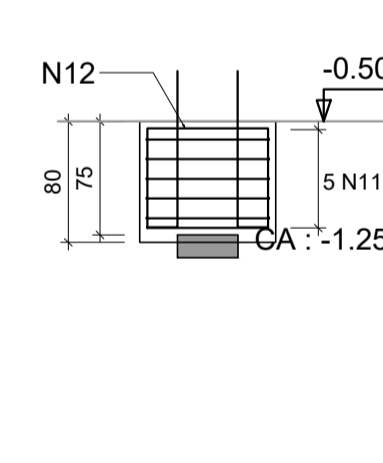


**B11
1xHC40**

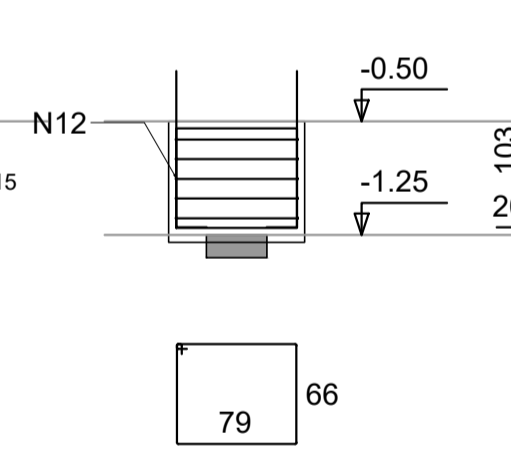
PLANTA
Escala 1:50



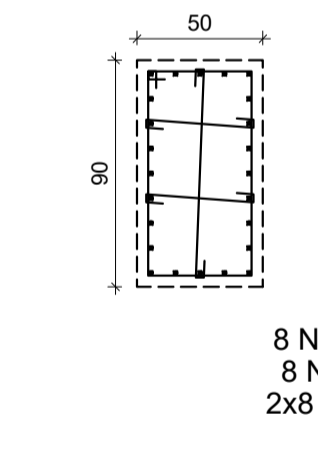
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

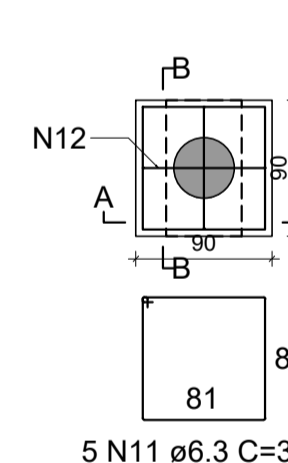


DETALHE DO PILAR
Escala 1:30

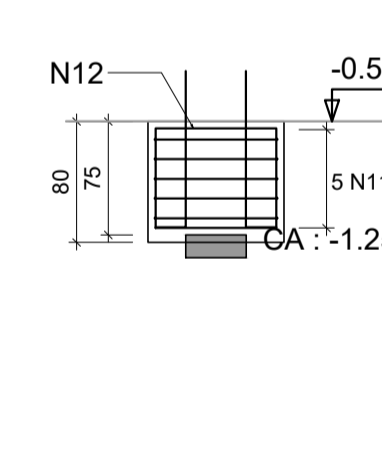


**B12
1xHC40**

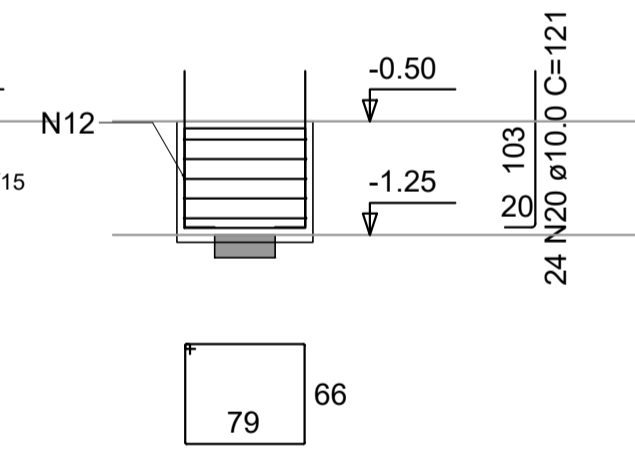
PLANTA
Escala 1:50



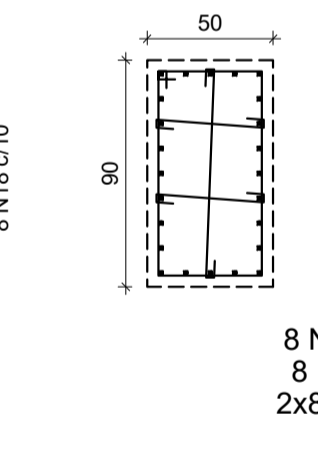
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

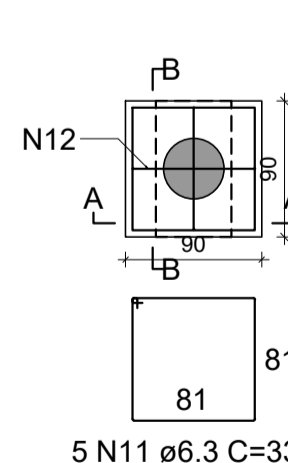


DETALHE DO PILAR
Escala 1:30

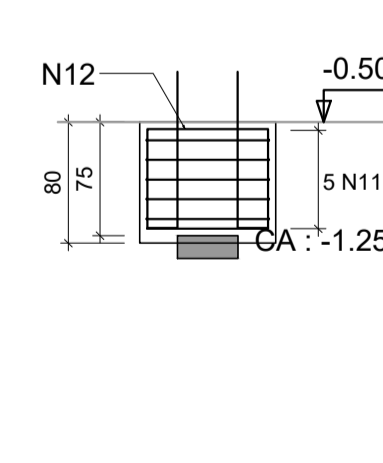


**B13
1xHC40**

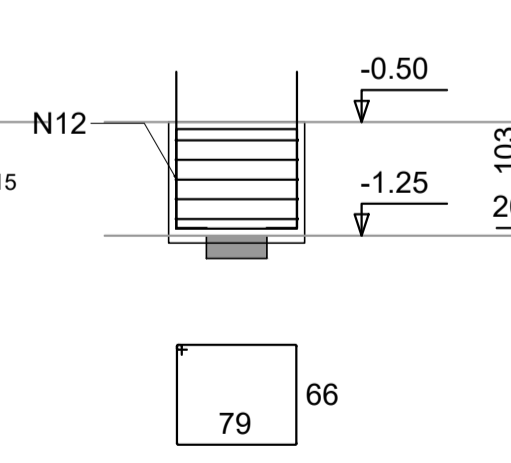
PLANTA
Escala 1:50



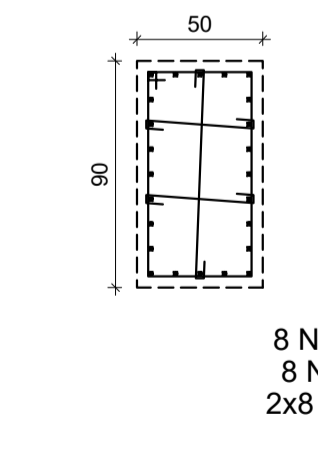
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50

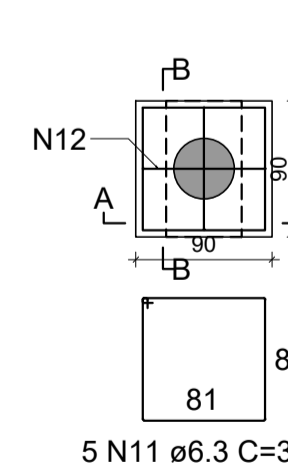


DETALHE DO PILAR
Escala 1:30

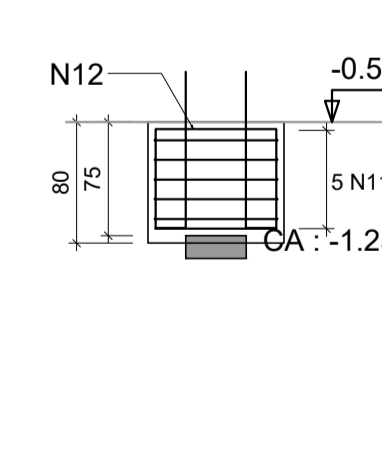


**B14
1xHC40**

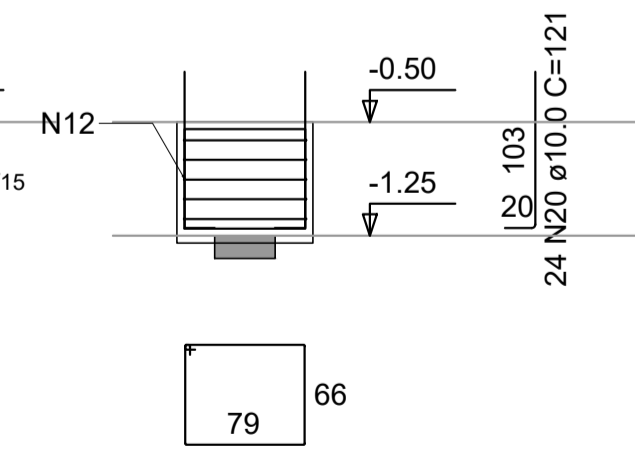
PLANTA
Escala 1:50



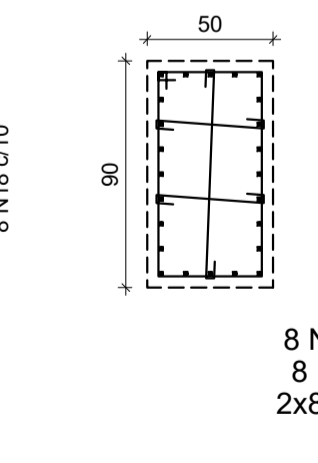
CORTE A-A
Escala 1:50



CORTE B-B
Escala 1:50



DETALHE DO PILAR
Escala 1:30



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	4	30	120
	2	5.0	9	111	999
	3	5.0	5	25	125
	4	5.0	5	101	505
	5	5.0	5	30	150
	6	5.0	7	96	672
	7	5.0	14	58	784
	8	5.0	7	255	1785
CA50	9	6.3	17	276	4692
	10	6.3	6	222	1332
	11	6.3	35	336	11760
	12	6.3	14	302	4228
	13	6.3	14	63	882
	14	6.3	14	48	672
	15	6.3	14	166	2324
	16	6.3	32	98	3136
	17	6.3	64	58	3712
	18	6.3	32	256	8192
	19	10.0	20	96	1920
	20	10.0	144	121	17424
	21	12.5	6	104	624

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	409.3	38	110.2
	10.0	193.4	18	131.2
	12.5	6.2	1	6.6
CA60	5.0	51.4	5	8.7

PESO TOTAL (kg)	
CA50	248
CA60	8.7

Volume de concreto (C-30) = 5.41 m³
Área de forma = 25.11 m²

NOTAS:

1. COTAS EM CENTÍMETROS, E NÍVEIS EM METROS;
2. CONFERIR MEDIDAS NO LOCAL;
3. PARA EXECUÇÃO DO MURO CONSULTAR PROJETO ESPECÍFICO;
4. OS DETALHES CONSTRUTIVOS ESTÃO APRESENTADOS NO MEMORIAL DESCRITIVO.

REV. 01	28/07/21	ALTERAÇÃO DE LOCAÇÃO	DAC
REV. 00	21/08/20	EMIÇÃO INICIAL	DAC
REVISÃO	DATA	DESCRIÇÃO:	RESP.:



 Rua Miguel Vianna, nº 81, Sala 12 Bairro Marro Chic CEP: 37500-080 - Itajubá / MG Tel: (35) 3623-5720 www.dacengenharia.com.br	GERÊNCIA DE PROJETOS	DENIS DE SOUZA SILVA	CREA: MG-127.216/D
	COORDENAÇÃO DE PROJETOS	ALOISIO CAETANO FERREIRA	CREA: MG-97.132/D
	RESPONSÁVEL TÉCNICO	ENGR. CIVIL FLÁVIA C. BARBOSA	CREA: MG-187.842/D
	DESENHO	ENGR. CIVIL WILLIAM BARADEL LARI	
		ENGR. CIVIL WILLIAM BARADEL LARI	

EMPREENDIMENTO		CONSTRUÇÃO DE HANGARES NO AEROPORTO DE POUSO ALEGRE
ENDEREÇO	AVENIDA JOÃO BATISTA PIFFER, B. JARDIM AEROPORTO POUSO ALEGRE - MINAS GERAIS	DISCIPLINA ESTRUTURAL
ASSUNTO	HANGAR 25X25METROS DETALHAMENTO DAS ARMADURAS BLOCOS DE COROAMENTO E PILARES DE ARRANQUE	FASE DO PROJETO EXECUTIVO
DATA INICIAL	21/08/2020	FOLHA Nº. 03/10
ESCALA	INDICADA	REVISÃO
ARQUIVO	DAC-PMPA-HANI-PE-EST-R01.DWG	