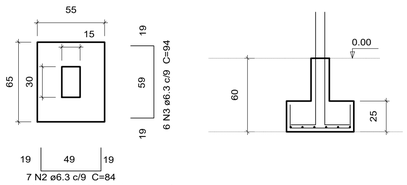
DETALHAMENTO DOS BLOCOS E ARRANQUES - BLOCO ADM

ESCALA: 1:INDICADA

S1=S2=S3

PLANTA
ESC 1:50

CORTE
ESC 1:50



7 N2 ø6.3 c/9 C=84
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

Relação do aço

9xS1

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	15	68	1020
CA50	2	6.3	21	84	1764
	3	6.3	18	94	1692
	4	10.0	12	113	1356

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	34.56	8.47
	10.0	13.56	8.37
CA60	5.0	10.2	1.6
PESO TOTAL (kg)			
CA50	16.84		
CA60	1.6		

Volume de concreto (C-25) = 0.39 m³
Área de forma = 2.88 m²

DETALHAMENTO DOS PILARES - BLOCO ADM

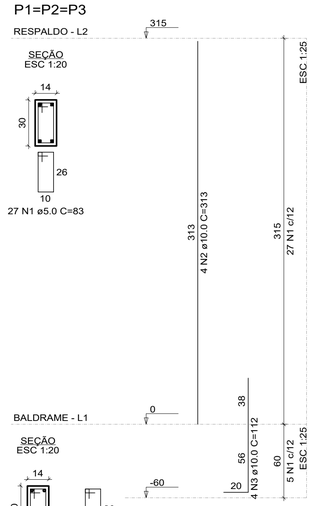
ESCALA: 1:INDICADA

P1=P2=P3

RESPALDO - L2

SEÇÃO
ESC 1:20

27 N1 ø5.0 C=83



5 N1 ø5.0 C=83

RELAÇÃO DO AÇO

P1-L2 P1-L1 P2-L2
P2-L1 P3-L2 P3-L1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	96	83	79
CA50	2	10.0	12	313	37
	3	10.0	12	112	13

RESUMO DO AÇO

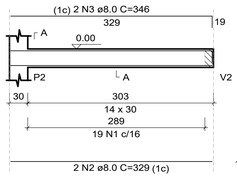
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	51	31.4
CA60	5.0	79.7	12.3
PESO TOTAL (kg)			
CA50	31.4		
CA60	12.3		

Volume de concreto (C-25) = 0.44 m³
Área de forma = 9.24 m²

DETALHAMENTO DAS VIGAS BALDRAME - BLOCO ADM

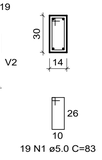
ESCALA: 1:INDICADA

V1
ESC 1:50



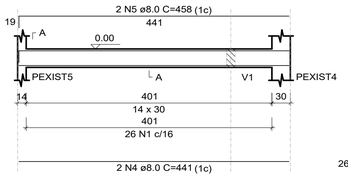
2 N2 ø8.0 C=329 (1c)

SEÇÃO A-A
ESC 1:25



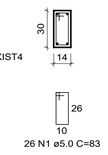
19 N1 ø5.0 C=83

V2
ESC 1:50



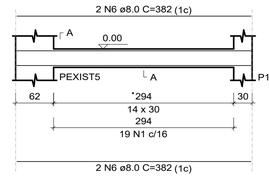
2 N4 ø8.0 C=441 (1c)

SEÇÃO A-A
ESC 1:25



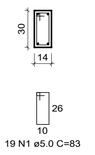
26 N1 ø5.0 C=83

V3
ESC 1:50



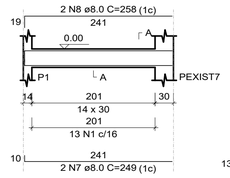
2 N6 ø8.0 C=382 (1c)

SEÇÃO A-A
ESC 1:25



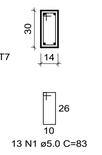
19 N1 ø5.0 C=83

V4
ESC 1:50



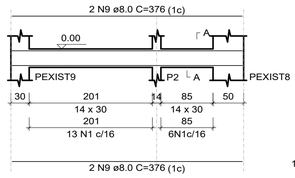
2 N7 ø8.0 C=249 (1c)

SEÇÃO A-A
ESC 1:25



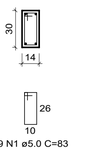
13 N1 ø5.0 C=83

V5
ESC 1:50



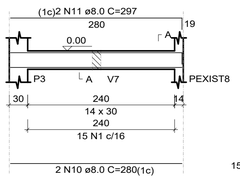
2 N9 ø8.0 C=376 (1c)

SEÇÃO A-A
ESC 1:25



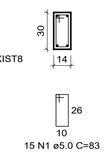
19 N1 ø5.0 C=83

V6
ESC 1:50



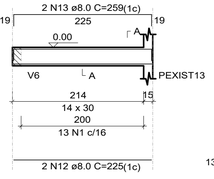
2 N10 ø8.0 C=280(1c)

SEÇÃO A-A
ESC 1:25



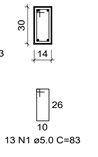
15 N1 ø5.0 C=83

V7
ESC 1:50



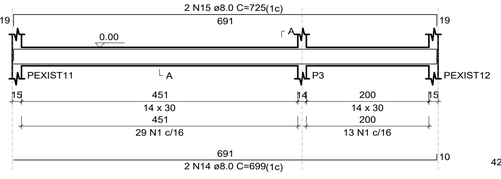
2 N12 ø8.0 C=225(1c)

SEÇÃO A-A
ESC 1:25



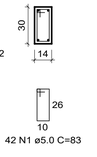
13 N1 ø5.0 C=83

V8
ESC 1:50



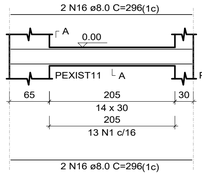
2 N14 ø8.0 C=699(1c)

SEÇÃO A-A
ESC 1:25



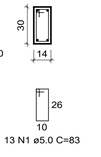
42 N1 ø5.0 C=83

V9
ESC 1:50



2 N16 ø8.0 C=296(1c)

SEÇÃO A-A
ESC 1:25



13 N1 ø5.0 C=83

RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8 V9

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	179	83	14857
CA50	2	8.0	2	329	658
	3	8.0	2	346	692
	4	8.0	2	441	882
	5	8.0	2	458	916
	6	8.0	4	382	1528
	7	8.0	2	249	498
	8	8.0	2	258	516
	9	8.0	4	376	1504
	10	8.0	2	280	560
	11	8.0	2	297	594
	12	8.0	2	225	450
	13	8.0	2	259	518
	14	8.0	2	699	1398
	15	8.0	2	725	1450
	16	8.0	4	296	1184

RESUMO DO AÇO

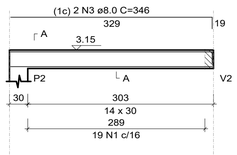
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	133.5	52.7
CA60	5.0	148.6	22.9
PESO TOTAL (kg)			
CA50	52.7		
CA60	22.9		

Volume de concreto (C-25) = 1.17 m³
Área de forma = 20.58 m²

DETALHAMENTO DAS VIGAS RESPALDO - BLOCO ADM

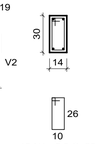
ESCALA: 1:INDICADA

V1
ESC 1:50



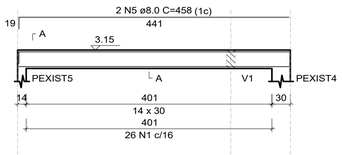
2 N2 ø8.0 C=329 (1c)

SEÇÃO A-A
ESC 1:25



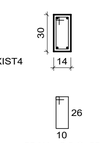
19 N1 ø5.0 C=83

V2
ESC 1:50



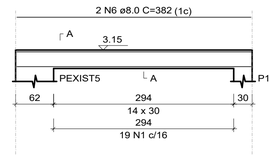
2 N4 ø8.0 C=441 (1c)

SEÇÃO A-A
ESC 1:25



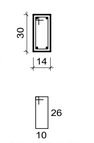
26 N1 ø5.0 C=83

V3
ESC 1:50



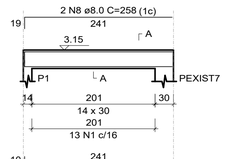
2 N6 ø8.0 C=382 (1c)

SEÇÃO A-A
ESC 1:25



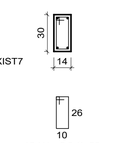
19 N1 ø5.0 C=83

V4
ESC 1:50



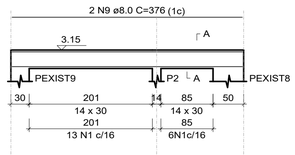
2 N7 ø8.0 C=249 (1c)

SEÇÃO A-A
ESC 1:25



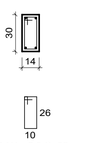
13 N1 ø5.0 C=83

V5
ESC 1:50



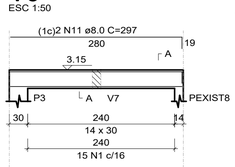
2 N9 ø8.0 C=376 (1c)

SEÇÃO A-A
ESC 1:25



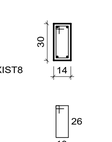
19 N1 ø5.0 C=83

V6
ESC 1:50



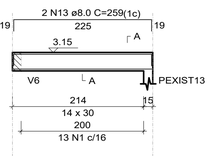
2 N10 ø8.0 C=280(1c)

SEÇÃO A-A
ESC 1:25



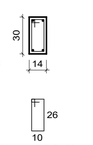
15 N1 ø5.0 C=83

V7
ESC 1:50



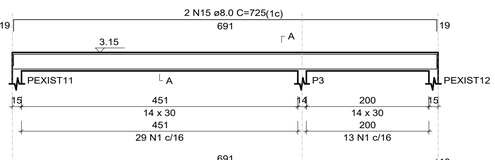
2 N12 ø8.0 C=225(1c)

SEÇÃO A-A
ESC 1:25



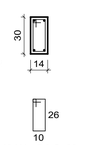
13 N1 ø5.0 C=83

V8
ESC 1:50



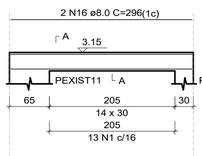
2 N14 ø8.0 C=699(1c)

SEÇÃO A-A
ESC 1:25



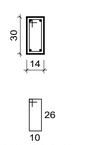
42 N1 ø5.0 C=83

V9
ESC 1:50



2 N16 ø8.0 C=296(1c)

SEÇÃO A-A
ESC 1:25



13 N1 ø5.0 C=83

RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8 V9

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	179	83	14857
CA50	2	8.0	2	329	658
	3	8.0	2	346	692
	4	8.0	2	441	882
	5	8.0	2	458	916
	6	8.0	4	382	1528
	7	8.0	2	249	498
	8	8.0	2	258	516
	9	8.0	4	376	1504
	10	8.0	2	280	560
	11	8.0	2	297	594
	12	8.0	2	225	450
	13	8.0	2	259	518
	14	8.0	2	699	1398
	15	8.0	2	725	1450
	16	8.0	4	296	1184

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	133.5	52.7
CA60	5.0	148.6	22.9
PESO TOTAL (kg)			
CA50	52.7		
CA60	22.9		

Volume de concreto (C-25) = 1.17 m³
Área de forma = 20.58 m²

www.pasnet.com.br

GERÊNCIA DE PROJETOS E INFRAESTRUTURA
APROVADO ___/___/___
TÉCNICO RESPONSÁVEL PELA APROVAÇÃO

C.E ARTHUR DA COSTA E SILVA

AMPLIAÇÃO E REFORMA

ENDEREÇO
Av. João Artiaga, 812 - Centro, Matrinchã-GO

ÁREA DO TERRENO	ÁREA EXISTENTE	ÁREA DE REFORMA	ÁREA A CONSTRUIR DAS PASSARELAS	ÁREA TOTAL Á CONSTRUIR	ÁREA TOTAL
VER AQ. 01	VER AQ. 01	VER AQ. 01	VER AQ. 01	VER AQ. 01	VER AQ. 01

CARLOS ALBERTO DIAS JUNIOR:28030866895
Assinado de forma digital por CARLOS ALBERTO DIAS JUNIOR:28030866895
AUTOR: CARLOS ALBERTO DIAS JUNIOR | CREA-SP: 5062414910

RT DA OBRA:

PROPRIETÁRIO: SECRETARIA DE ESTADO DA EDUCAÇÃO CNPJ: 01.409.705.0001-20
PREPOSTO: SABRINA SILVA VIEIRA VALENTE CPF: 041.530.091-64

ESTRUTURAL

TIPO DE PROJETO

PLANTAS DE FORMA - Esc.: 1/50
DETALHAMENTO DAS VIGAS BALDRAMES - Esc.: INDICADA
DETALHAMENTO DAS VIGAS RESPALDO - INDICADA

ASSUNTO:

DATA: FEVEREIRO/2024 | ESCALA: INDICADA | REVISÃO: 000 | Nº RRT/ART:

REV.	DATA	DESCRIÇÃO	VISTO

FOLHA: 5/5