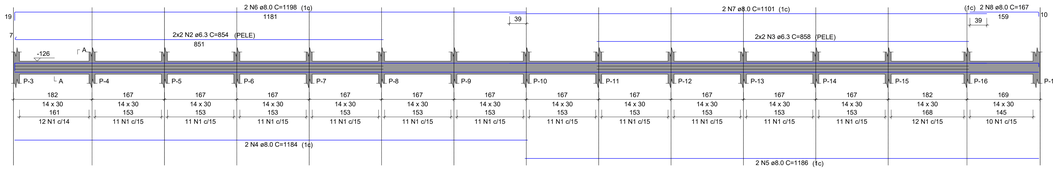
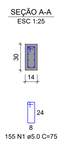
VA-1
ESC 1:50

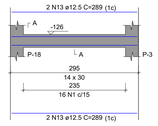


SEÇÃO A-A
ESC 1:25

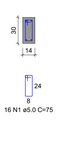


155 N1 ø5.0 C=75

VA-2
ESC 1:50

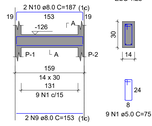


SEÇÃO A-A
ESC 1:25



16 N1 ø5.0 C=75

VA-3
ESC 1:50



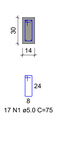
SEÇÃO A-A
ESC 1:25



9 N1 ø5.0 C=75

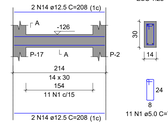
VA-4
ESC 1:50

SEÇÃO A-A
ESC 1:25



17 N1 ø5.0 C=75

VA-5
ESC 1:50



SEÇÃO A-A
ESC 1:25



11 N1 ø5.0 C=75

RELAÇÃO DO AÇO

VA-1
VA-4

VA-2
VA-5

VA-3

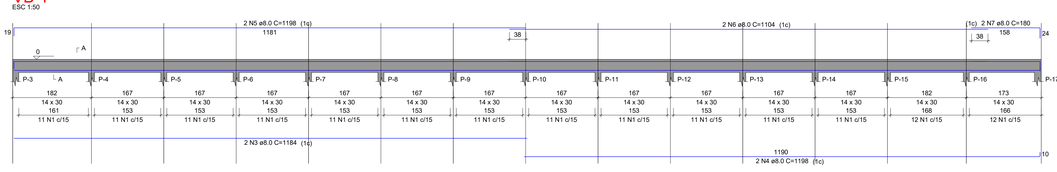
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	208	75	15600
CA50	2	6.3	4	854	3416
	3	6.3	4	858	3432
	4	8.0	2	1184	2368
	5	8.0	2	1186	2372
	6	8.0	2	1198	2396
	7	8.0	2	1101	2202
	8	8.0	2	167	334
	9	8.0	2	153	306
	10	8.0	2	187	374
	11	8.0	2	283	566
	12	8.0	2	292	584
	13	12.5	4	289	1156
	14	12.5	4	208	832

RESUMO DO AÇO

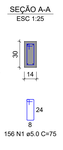
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	68.5	18.4
	8.0	115	49.9
	12.5	19.9	21.1
CA60	5.0	156	26.4
PESO TOTAL (kg)			
CA50	89.4		
CA60	26.4		

Volume de concreto (C-25) = 1.23 m³
Área de forma = 21.64 m²

VB-1
ESC 1:50

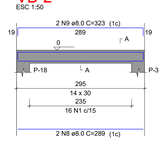


SEÇÃO A-A
ESC 1:25

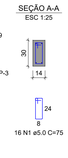


156 N1 ø5.0 C=75

VB-2
ESC 1:50

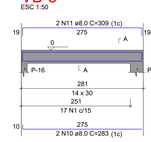


SEÇÃO A-A
ESC 1:25

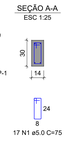


16 N1 ø5.0 C=75

VB-3
ESC 1:50

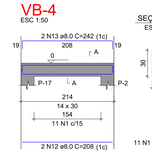


SEÇÃO A-A
ESC 1:25



17 N1 ø5.0 C=75

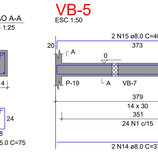
VB-4
ESC 1:50



SEÇÃO A-A
ESC 1:25

11 N1 ø5.0 C=75

VB-5
ESC 1:50



SEÇÃO A-A
ESC 1:25



24 N1 ø5.0 C=75

RELAÇÃO DO AÇO

VB-1
VB-4
VB-7
VB-10
VB-13

VB-2
VB-5
VB-8
VB-11

VB-3
VB-6
VB-9
VB-12

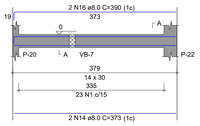
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	530	75	39750
CA50	2	6.3	1	108	108
	3	8.0	2	1184	2368
	4	8.0	2	1198	2396
	5	8.0	2	1198	2396
	6	8.0	2	1104	2208
	7	8.0	2	180	360
	8	8.0	2	289	578
	9	8.0	2	323	646
	10	8.0	2	283	566
	11	8.0	2	309	618
	12	8.0	2	208	416
	13	8.0	2	242	484
	14	8.0	6	373	2238
	15	8.0	2	408	816
	16	8.0	4	390	1560
	17	8.0	2	151	302
	18	8.0	2	182	364
	19	8.0	6	558	3348
	20	8.0	1	155	155
	21	8.0	2	575	1150
	22	8.0	1	150	150
	23	12.5	2	1078	2156
	24	12.5	2	149	298
	25	12.5	2	1072	2144
	26	12.5	2	156	312
	27	12.5	2	1197	2394
	28	12.5	2	1091	2182
	29	12.5	2	170	340
	30	12.5	4	289	1156
	31	12.5	4	208	832

RESUMO DO AÇO

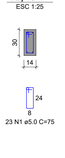
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	1.1	0.3
	8.0	231.2	100.3
	12.5	118.1	125.2
CA60	5.0	397.5	67.4
PESO TOTAL (kg)			
CA50	225.8		
CA60	67.4		

Volume de concreto (C-25) = 3.14 m³
Área de forma = 55.43 m²

VB-6
ESC 1:50

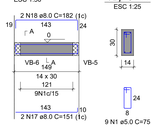


SEÇÃO A-A
ESC 1:25



23 N1 ø5.0 C=75

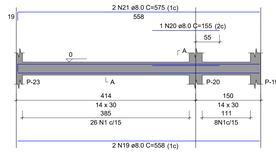
VB-7
ESC 1:50



SEÇÃO A-A
ESC 1:25

9 N1 ø5.0 C=75

VB-8
ESC 1:50

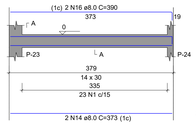


SEÇÃO A-A
ESC 1:25

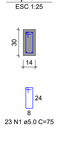


34 N1 ø5.0 C=75

VB-9
ESC 1:50

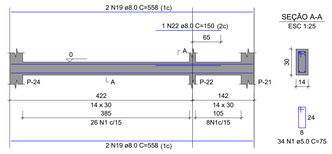


SEÇÃO A-A
ESC 1:25



23 N1 ø5.0 C=75

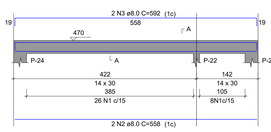
VB-10
ESC 1:50



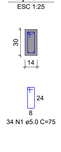
SEÇÃO A-A
ESC 1:25

34 N1 ø5.0 C=75

VR-1
ESC 1:50

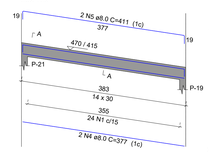


SEÇÃO A-A
ESC 1:25

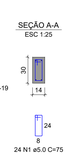


34 N1 ø5.0 C=75

VR-2
ESC 1:50

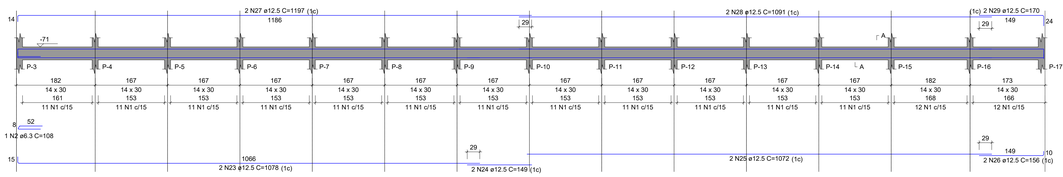


SEÇÃO A-A
ESC 1:25

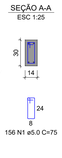


24 N1 ø5.0 C=75

VB-11
ESC 1:50

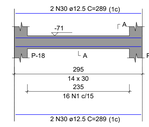


SEÇÃO A-A
ESC 1:25

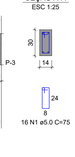


156 N1 ø5.0 C=75

VB-12
ESC 1:50

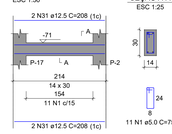


SEÇÃO A-A
ESC 1:25

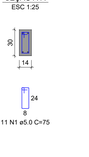


16 N1 ø5.0 C=75

VB-13
ESC 1:50



SEÇÃO A-A
ESC 1:25



11 N1 ø5.0 C=75

VR-3
ESC 1:50

SEÇÃO A-A
ESC 1:25

23 N1 ø5.0 C=75

VR-4
ESC 1:50

SEÇÃO A-A
ESC 1:25

35 N1 ø5.0 C=75

RELAÇÃO DO AÇO

VR-1
VR-4

VR-2

VR-3

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	116	75	8700
CA50	2	8.0	2	558	1116
	3	8.0	2	592	1184
	4	8.0	2	377	754
	5	8.0	2	411	822
	6	8.0	2	378	756
	7	8.0	2	412	824
	8	8.0	2	566	1132
	9	8.0	2	597	1194

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	77.8	33.8
CA60	5.0	87	14.8
PESO TOTAL (kg)			
CA50	33.8		
CA60	14.8		

Volume de concreto (C-25) = 0.71 m³
Área de forma = 12.44 m²

VC-1
ESC 1:50

SEÇÃO A-A
ESC 1:25

24 N1 ø5.0 C=75

VC-2
ESC 1:50

SEÇÃO A-A
ESC 1:25

23 N1 ø5.0 C=75

VC-3
ESC 1:50

SEÇÃO A-A
ESC 1:25

34 N1 ø5.0 C=75

VC-4
ESC 1:50

SEÇÃO A-A
ESC 1:25

23 N1 ø5.0 C=75

VC-5
ESC 1:50

SEÇÃO A-A
ESC 1:25

34 N1 ø5.0 C=75

RELAÇÃO DO AÇO

VC-1
VC-4

VC-2
VC-5

VC-3

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	138	75	10350
CA50	2	8.0	6	373	2238
	3	8.0	2	410	820
	4	8.0	2	409	818
	5	8.0	6	558	3348
	6	8.0	2	575	1150
	7	8.0	2	390	780

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	91.5	39.7
CA60	5.0	103.5	17.5
PESO TOTAL (kg)			
CA50	39.7		
CA60	17.5		

Volume de concreto (C-25) = 0.84 m³
Área de forma = 14.85 m²

P-19

P-20=P-21=P-23=P-24

P-22

P-19

P-20=P-23

P-21=P-24

P-22

RELAÇÃO DO AÇO

P-19-L4
4xP-20-L3
P-22-L3

P-19-L3
2xP-21-L4

2xP-20-L4
P-22-L4

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	36	63	2268
	2	5.0	179	75	13425
	3	5.0	13	43	559
CA50	4	10.0	14	97	1358
	5	10.0	24	353	8472
	6	10.0	12	152	1824
	7	10.0	2	312	624
	8	10.0	2	75	150

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	124.3	84.3
CA60	5.0	162.5	27.6
PESO TOTAL (kg)			
CA50	84.3		
CA60	27.6		

Volume de concreto (C-25) = 1.05 m³
Área de forma = 22.37 m²

APROVAÇÃO:

REVISÃO	DATA	MODIFICAÇÃO
01		
02		
03		
04		
05		
06		
07		

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ESTRUTURAL

CLIENTE
PREFEITURA MUNICIPAL DE ITAJA

OBRA
CONSTRUÇÃO DO ECOPONTO

ENDEREÇO
RUA OROMZIBO MACHADO JUNIOR
ITAJA/GO

REFERENTE
ARMADURA - VIGAS
ARMADURA - PILARES

ÁREAS
ÁREA LOTE: 1.081,34m²
EXTENSÃO DO MURO DE ARRIMO: 28,42 m
ÁREA DA EDIFICAÇÃO: 29,92 m²

A.R.T.
RENAN LUIZ DA SILVA DE JESUS
04115407182
ENG. CIVIL RENAN LUIZ DA SILVA DE JESUS
CREA: 151990/D-MG/SPO-GO
Assinado digitalmente por RENAN LUIZ DA SILVA DE JESUS:04115407182
Dados: 2026.03.04 09:20:57 -03'00'
Verifique em https://validar.iti.gov.br
Emitido por: AC SOLUTI Multipla v5

PREF. MUNICIPAL DE ITAJA
CNPJ: 02.186.757/0001-47

Prancha N°
3/3

Desenho	Revisão	Tamanho	Escala(s)	Unidade(s)	Data	ART N°
RENAN	00	A0	INDICADA	CENTIMETROS	SETEMBRO DE 2026	

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