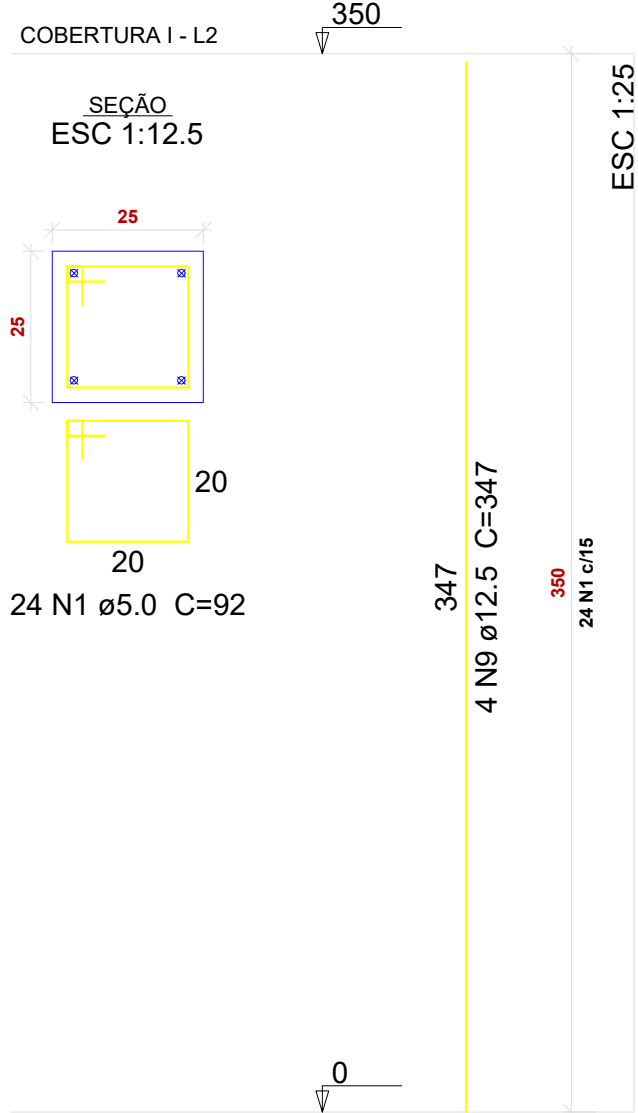


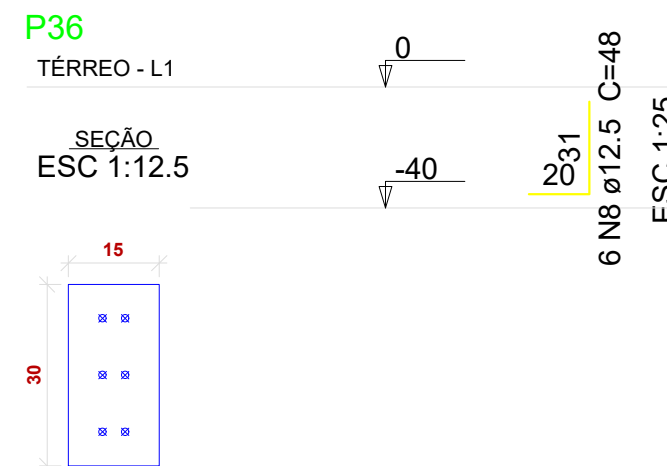
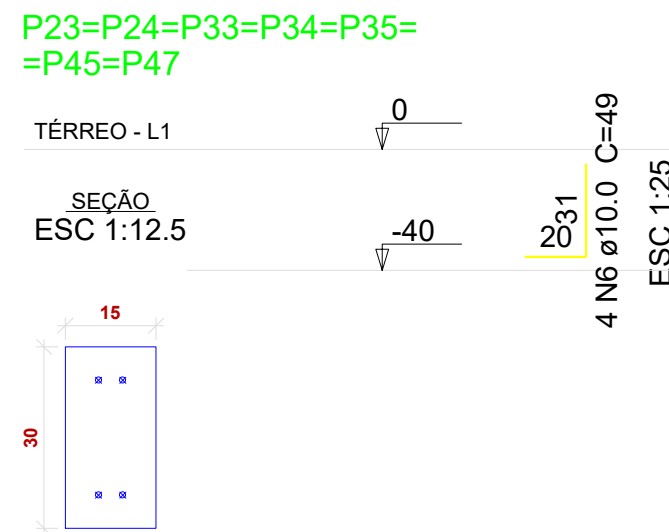
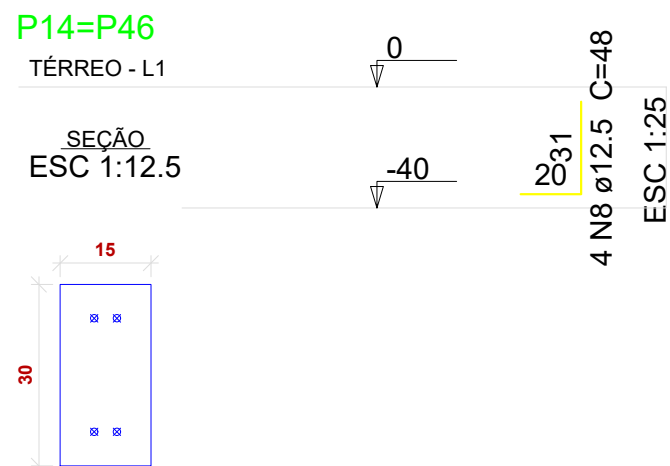
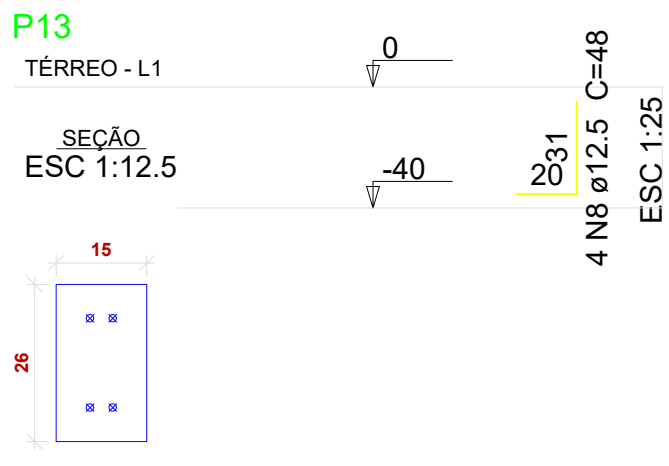
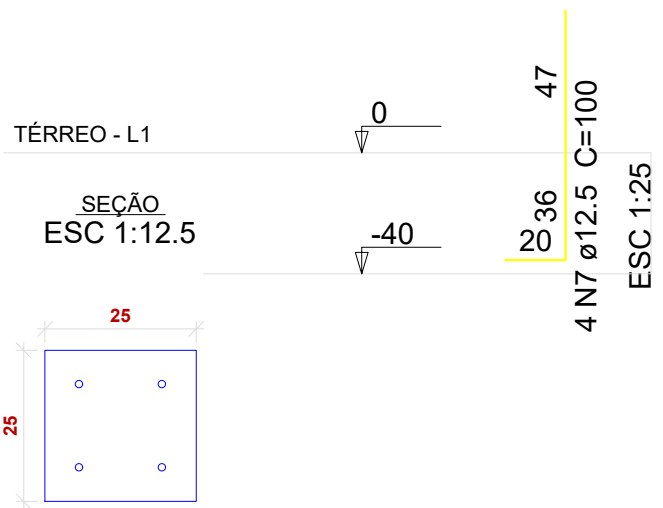
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Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	12.5	652.4	628.4
CA60	5.0	1037.8	160
PESO TOTAL (kg)			
CA50	628.4		
CA60	160		

Volume de concreto (C-25) = 10.28 m³
Área de forma = 164.5 m²

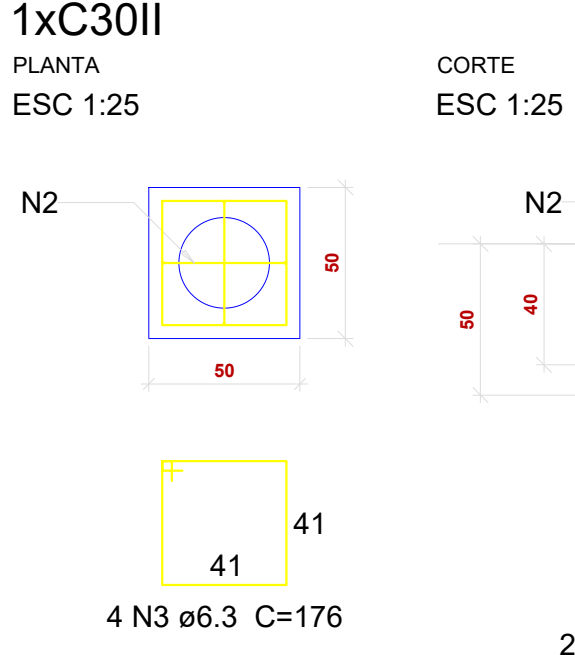
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=P54=P55=P56=P57=P58



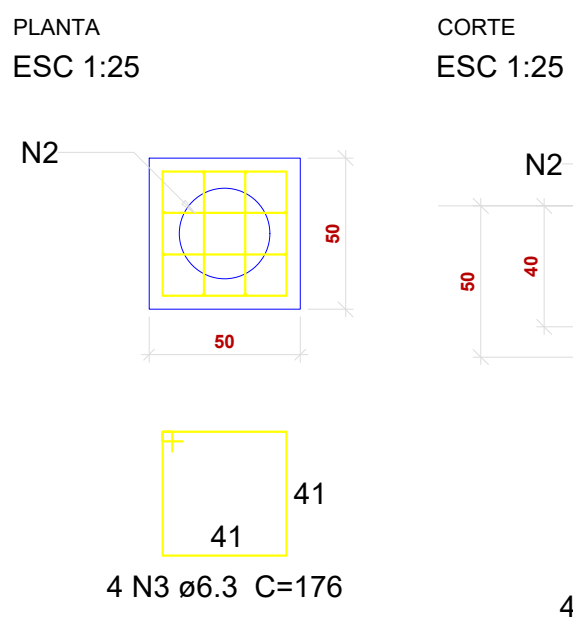
Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	10.0	13.8	8.5
CA50	12.5	196.7	189.4
PESO TOTAL (kg)			
CA50	197.9		

Volume de concreto (C-25) = 1.37 m³
Área de forma = 22.73 m²

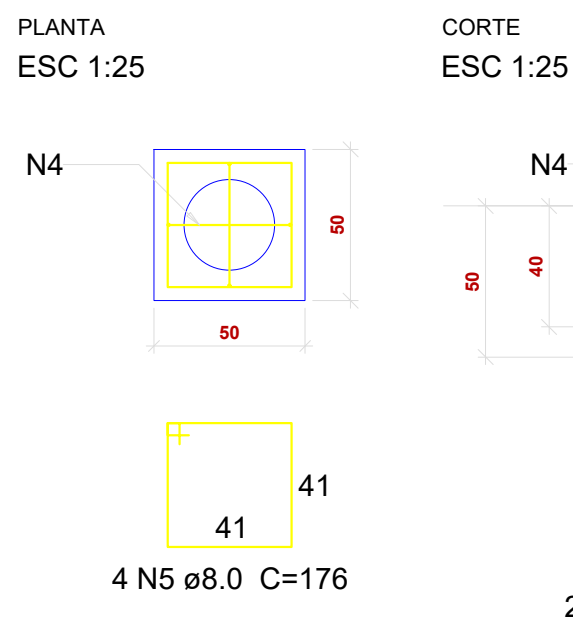
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1xC30II



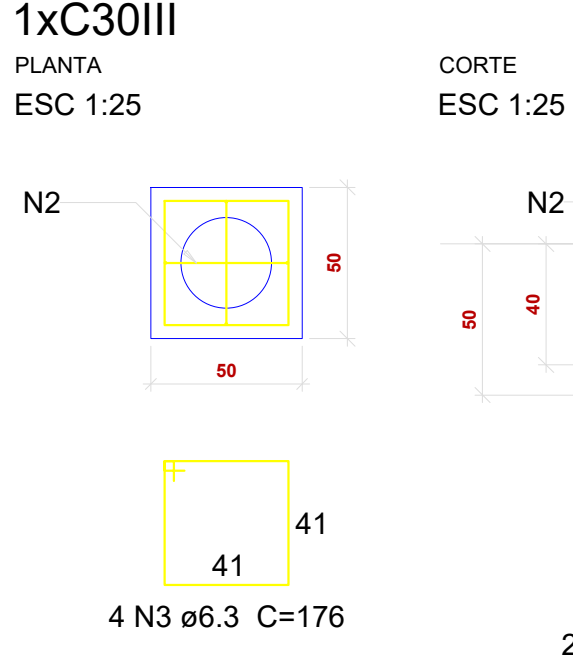
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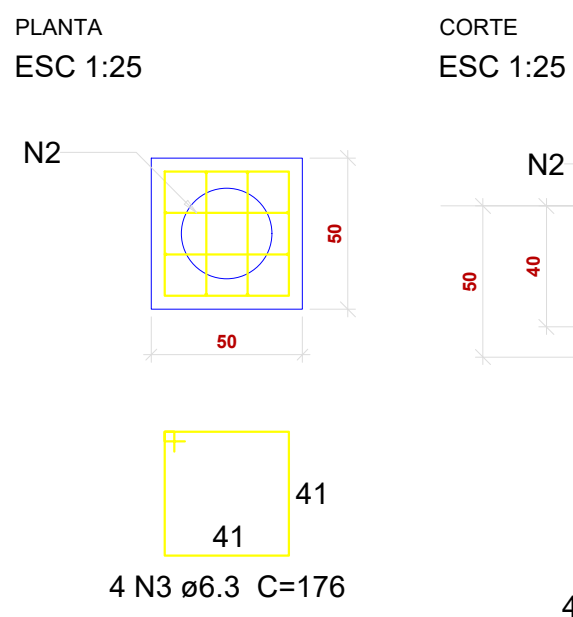
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1xC30III



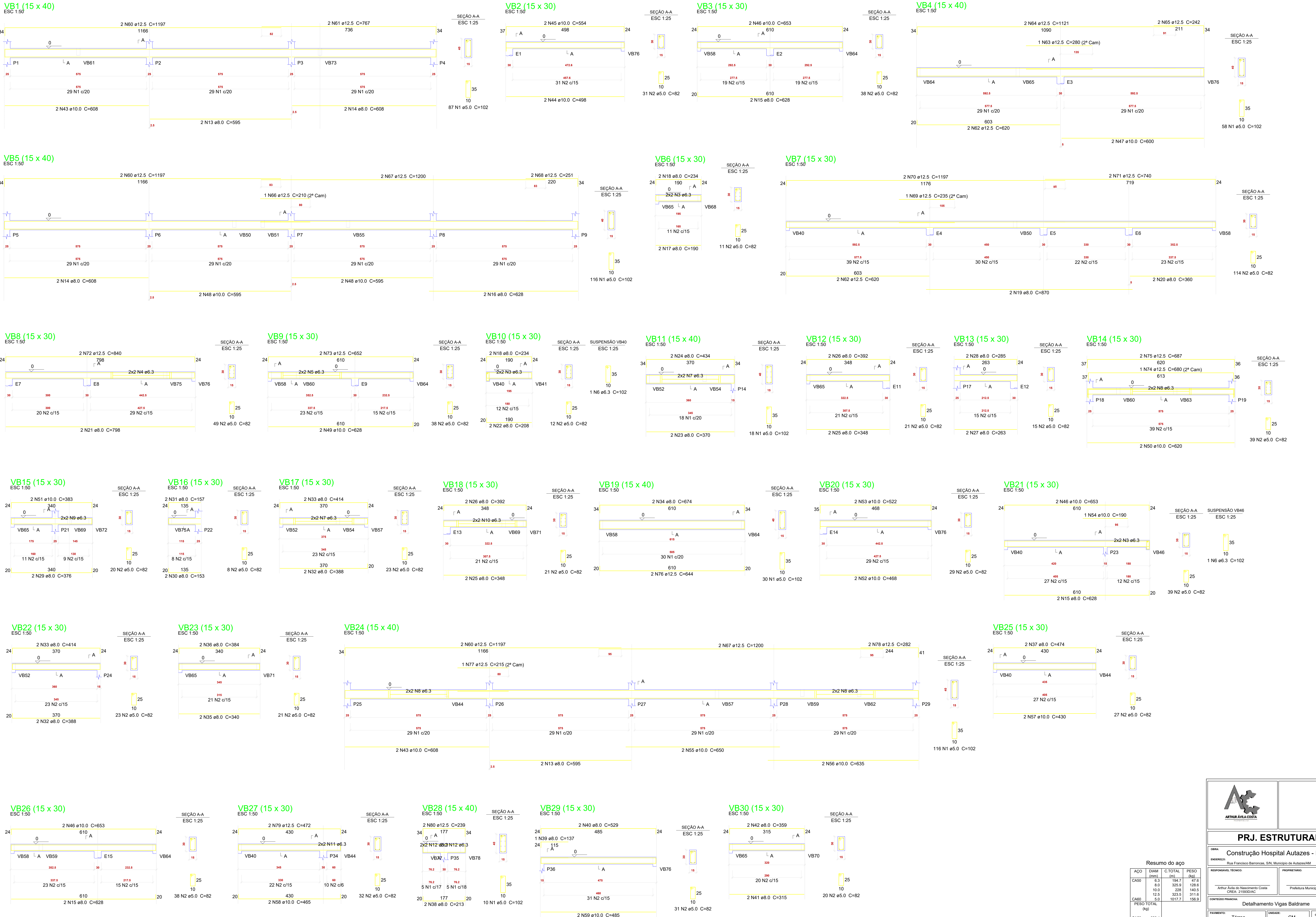
B11=B22=B25=B37=B43=B49=B50
1xC30II



Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	543.6	133
CA50	8.0	80.7	31.8
PESO TOTAL (kg)			
CA50	164.8		

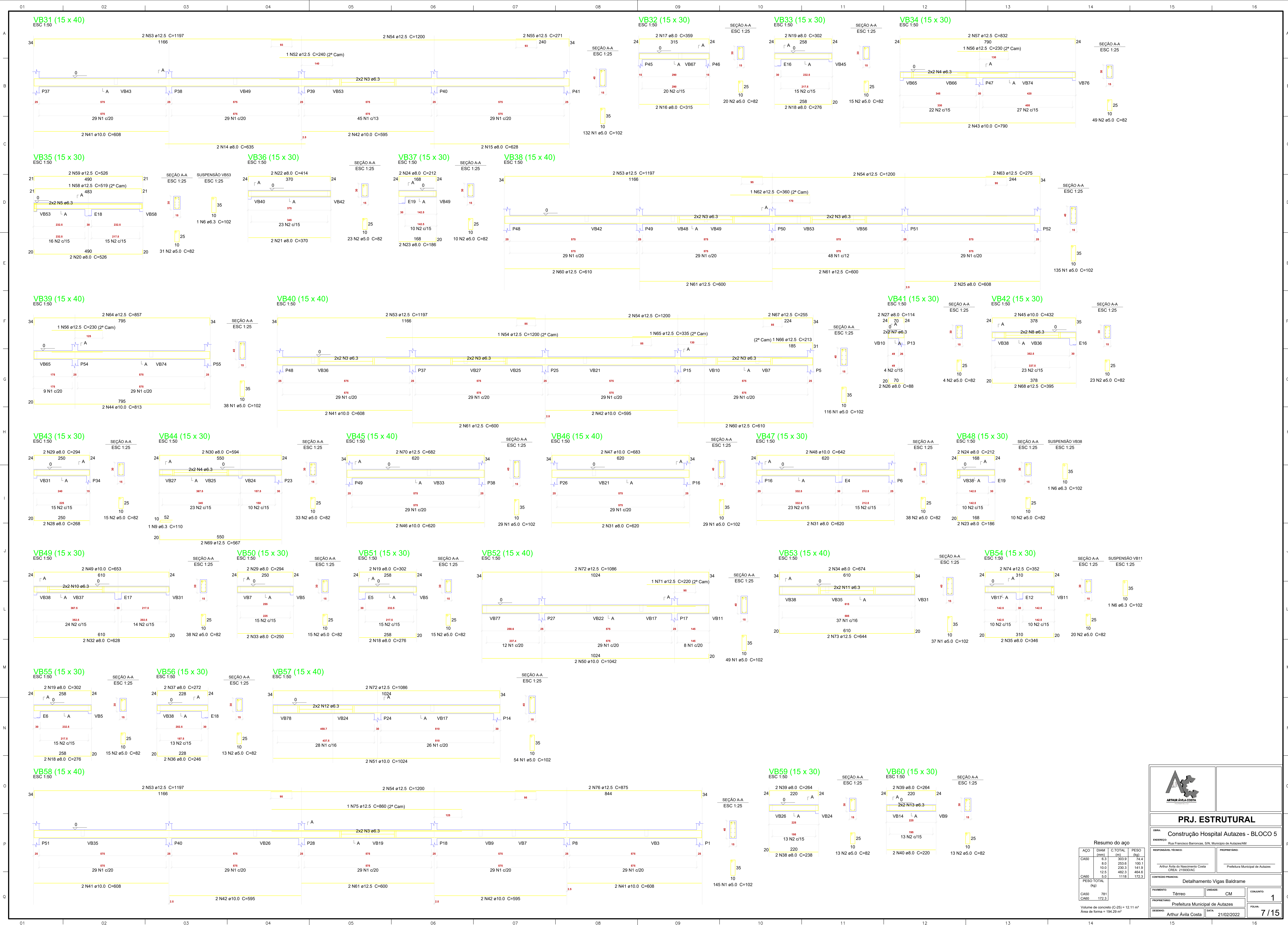
Volume de concreto (C-25) = 6.84 m³
Área de forma = 58 m²

			
PRJ. ESTRUTURAL			
OBRA: Construção Hospital Autazes - BLOCO 5			
ENDEREÇO: Rua Francisco Barroncas, S/N. Município de Autazes/AM			
RESPONSÁVEL TÉCNICO: Arthur Ávila do Nascimento Costa CREA: 21593D/AIC		PROPRIETÁRIO: Prefeitura Municipal de Autazes	
CONTEÚDO PRANCHA: Detalhamento blocos e pilares			
PAYMENTO: Múltiplos	UNIDADE: CM	CONJUNTO: 1	
PROPRIETÁRIO: Prefeitura Municipal de Autazes		FOLHA: 5/15	
DESENHO: Arthur Ávila Costa	DATA: 21/02/2022		



Resumo do aço			
CAISO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CAISO	6.3	194.7	47.6
	8.0	325.9	128.6
	10.0	226	140.5
	12.5	333.5	311.6
	5.0	1017.7	156.9
PESO TOTAL (kg)		628.4	156.9
Volume de concreto (C-25) = 10.52 m³ Área de forma = 170.84 m²			

	
PRJ. ESTRUTURAL	
OBRAS: Construção Hospital Autazes - BLOCO 5	
RESPONSÁVEL TÉCNICO: Arthur Ávila de Nascimento Costa CREA: 215930AC	PROPRIETÁRIO: Prefeitura Municipal de Autazes
CONTEÚDO FRANCA: Detalhamento Vigas Baldrame	
PAGAMENTO: Terceiro	UNIDADE: CM
PROPRIETÁRIO: Prefeitura Municipal de Autazes	CONJUNTO: 1
DESENHO: Arthur Ávila Costa	DATA: 21/02/2022
FOLHA: 6	15





PRJ. ESTRUTURAL

Construção Hospital Autazes - BLOCO 5

RESPONSÁVEL TÉCNICO: Arthur Ávila de Nascimento Costa
CREA: 215930/AC

PROPRIETÁRIO: Prefeitura Municipal de Autazes

PAYMENT: **Térreo**

UNIDADE: **CM**

CONJUNTO: **1**

PROPRIETÁRIO: Prefeitura Municipal de Autazes

DESENHO: Arthur Ávila Costa

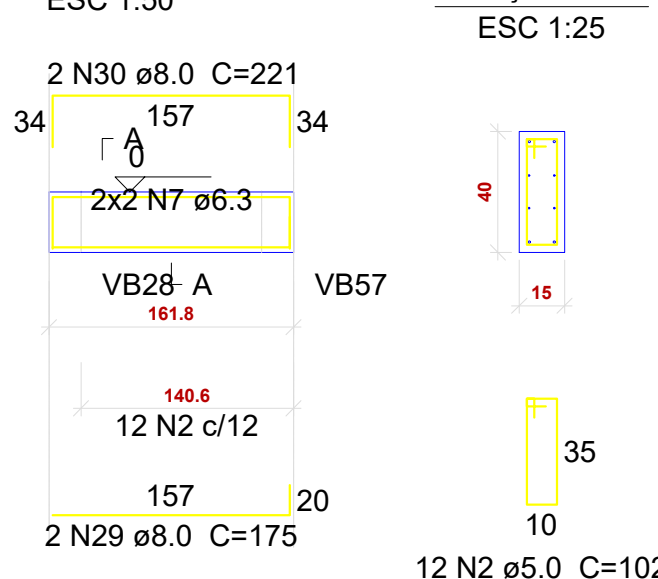
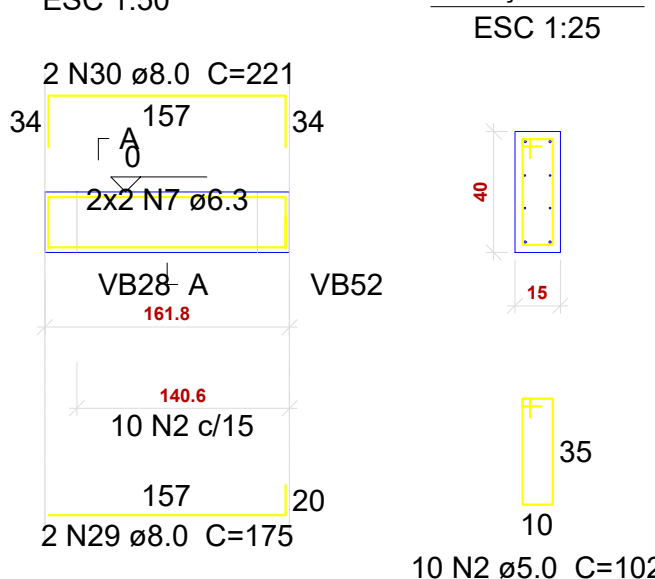
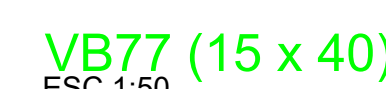
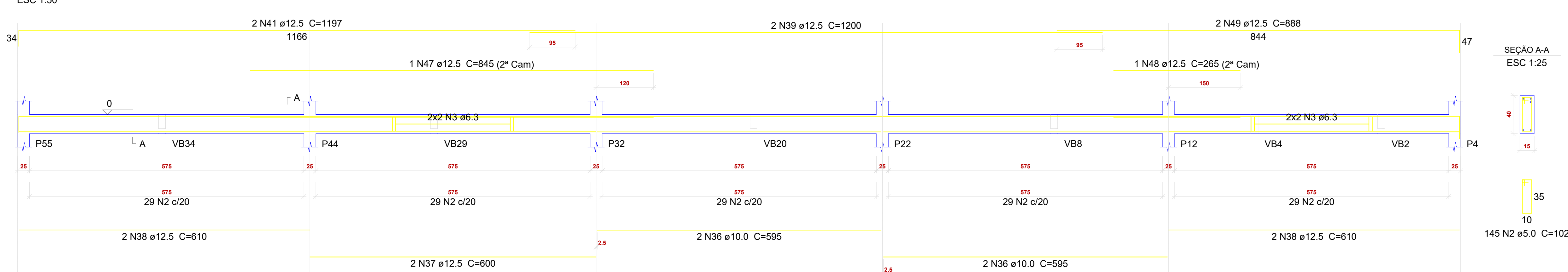
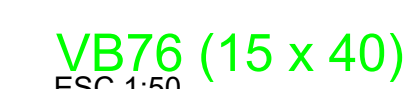
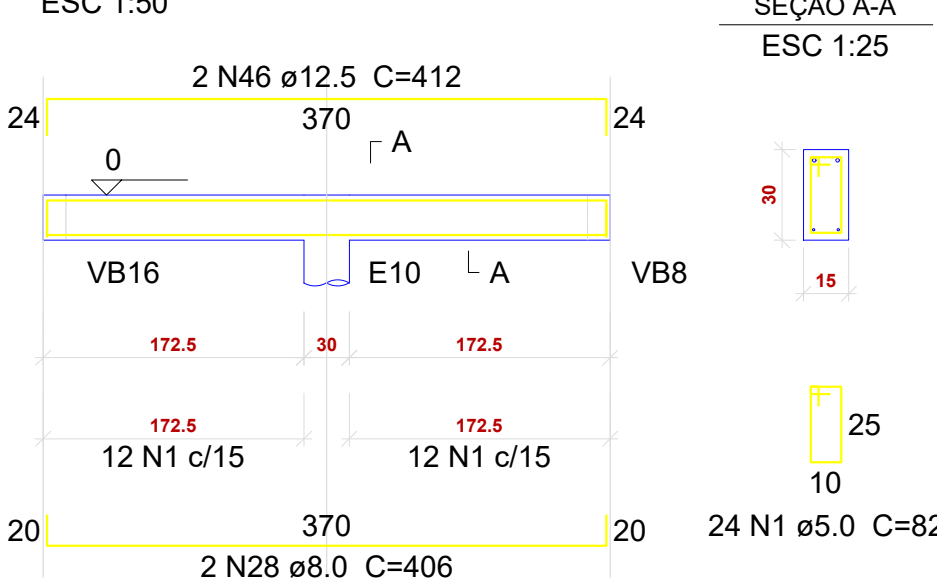
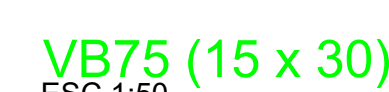
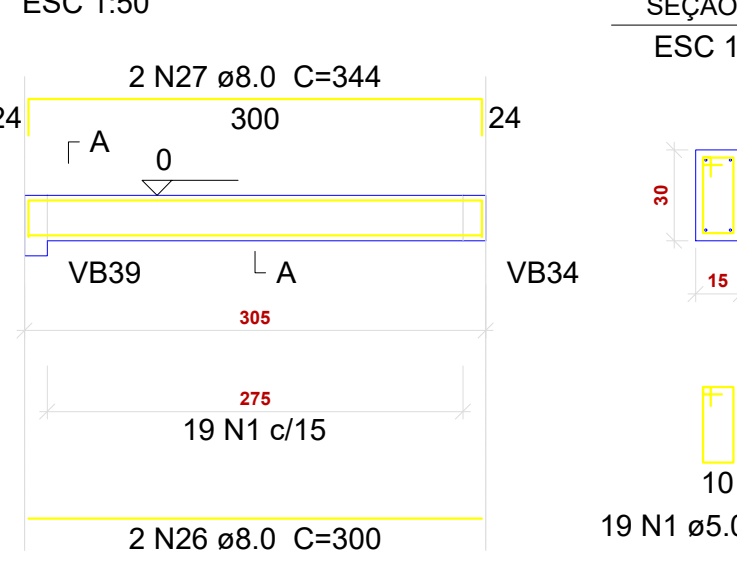
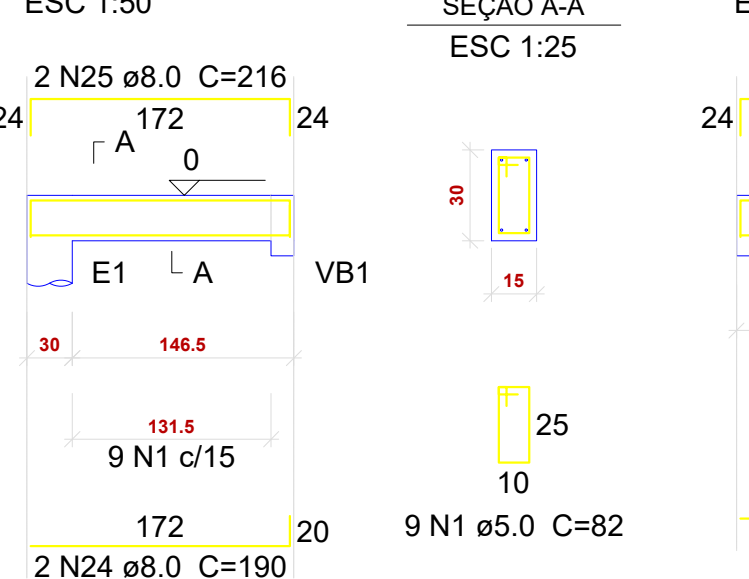
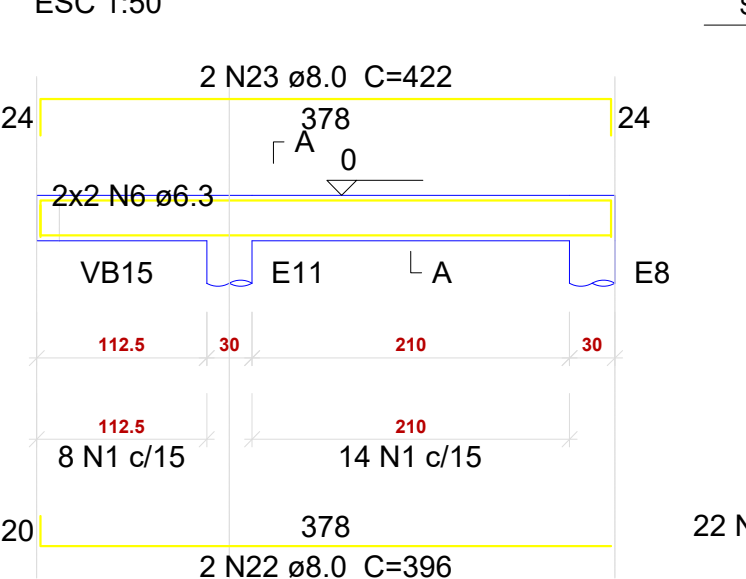
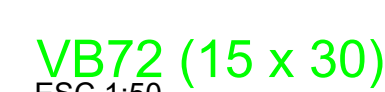
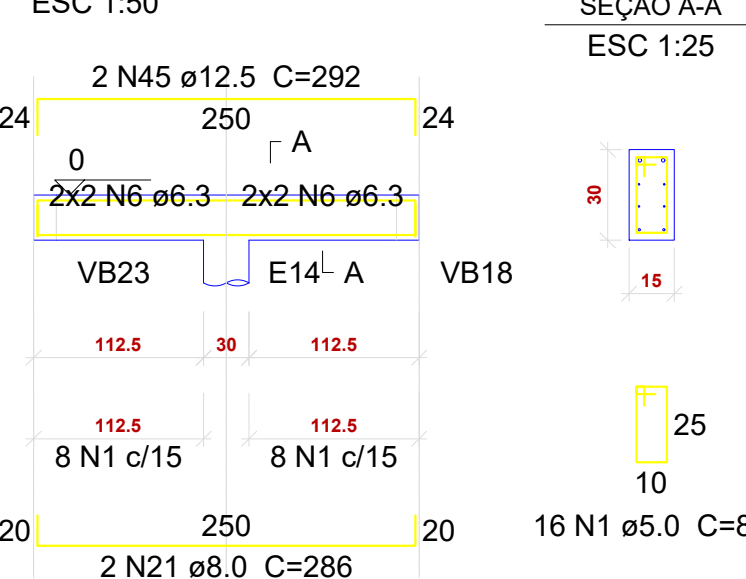
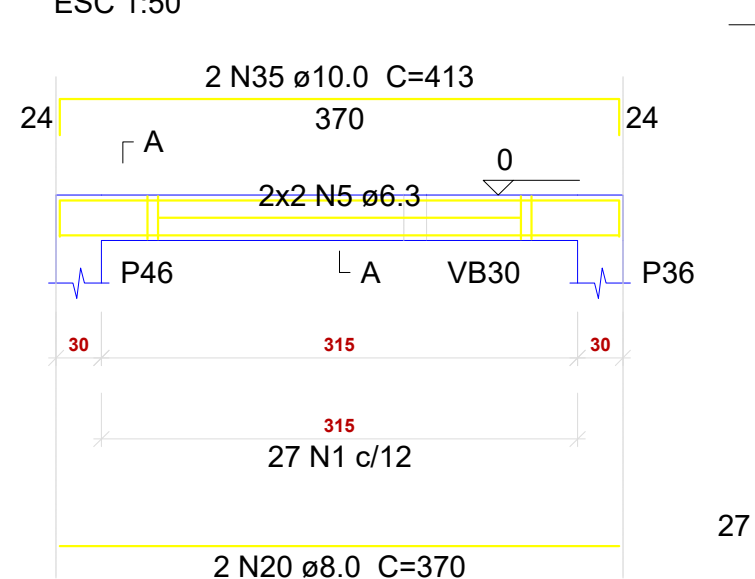
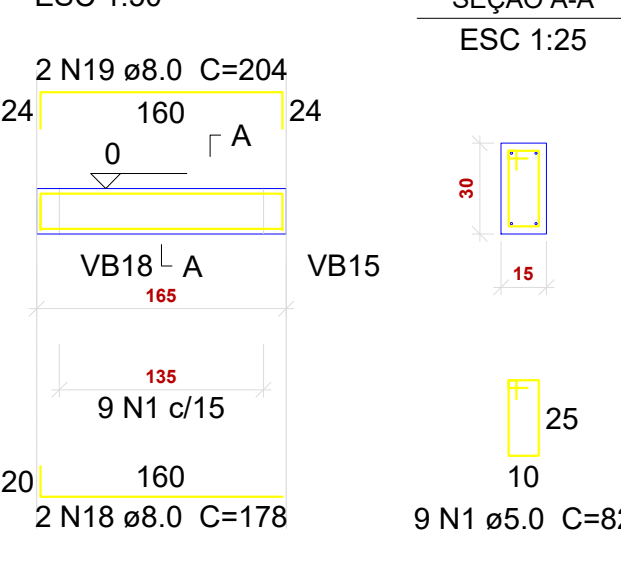
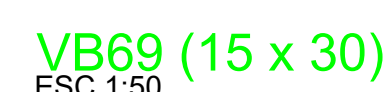
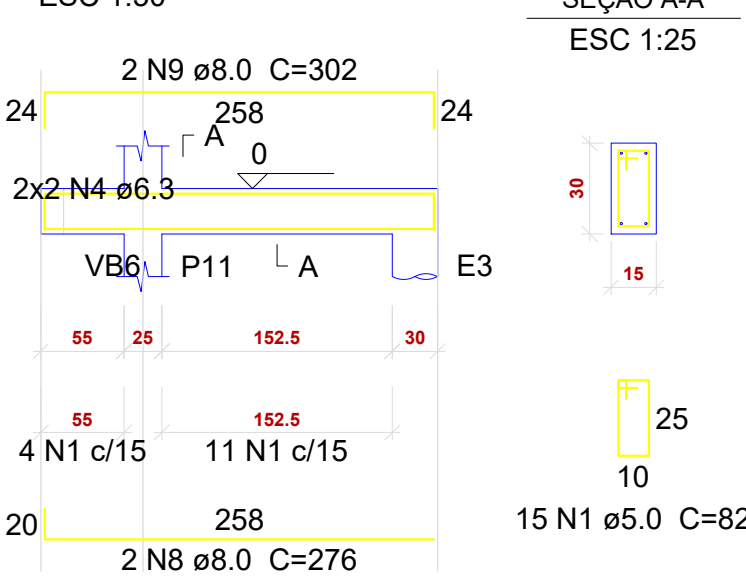
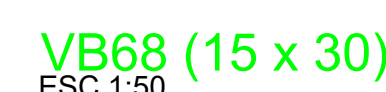
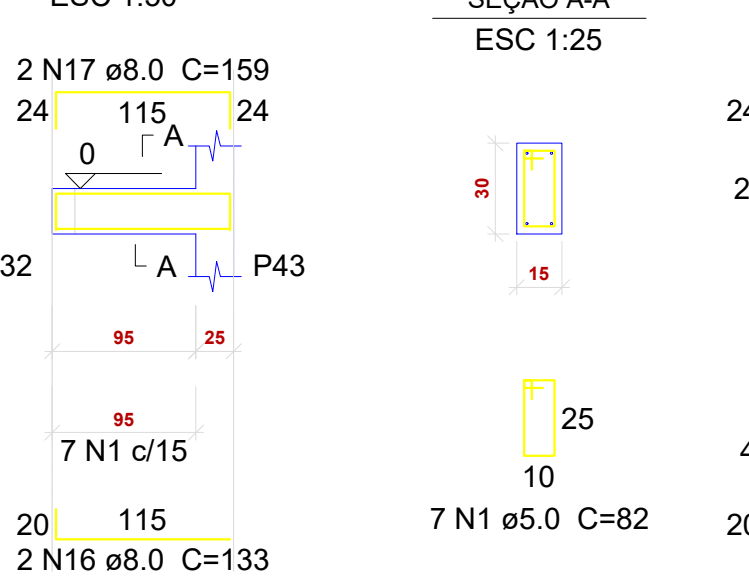
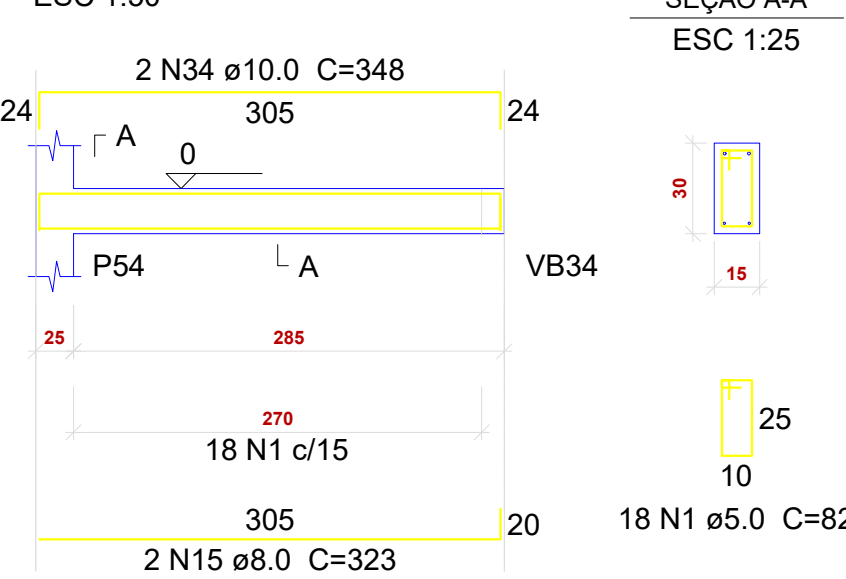
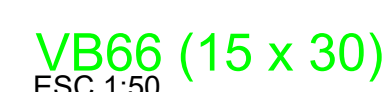
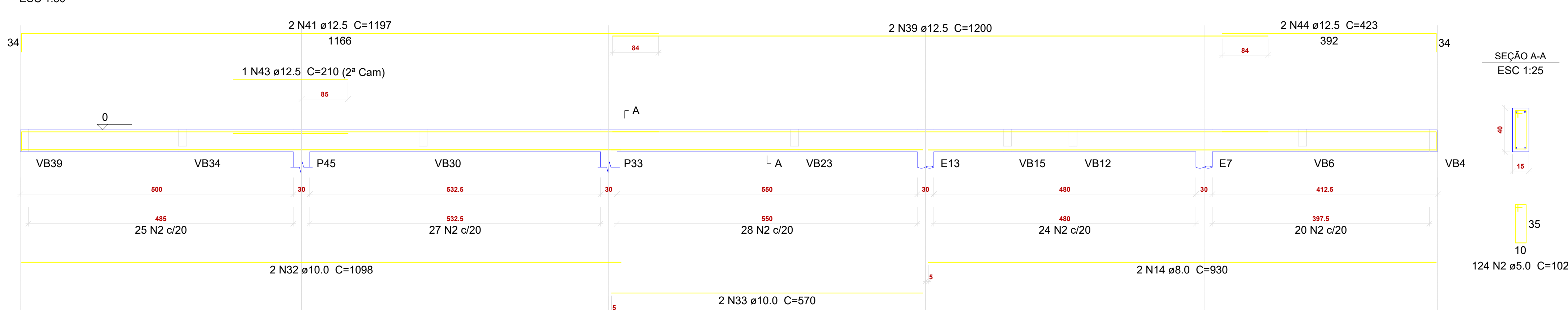
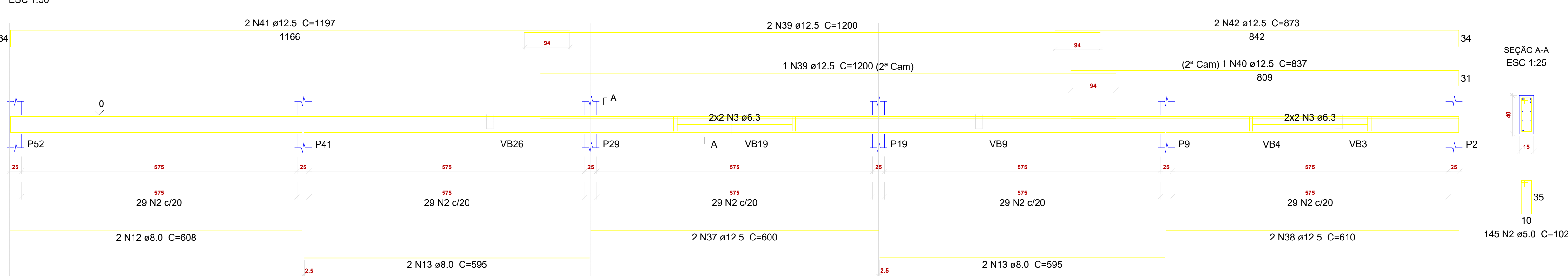
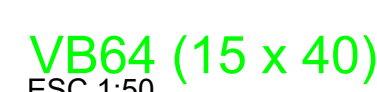
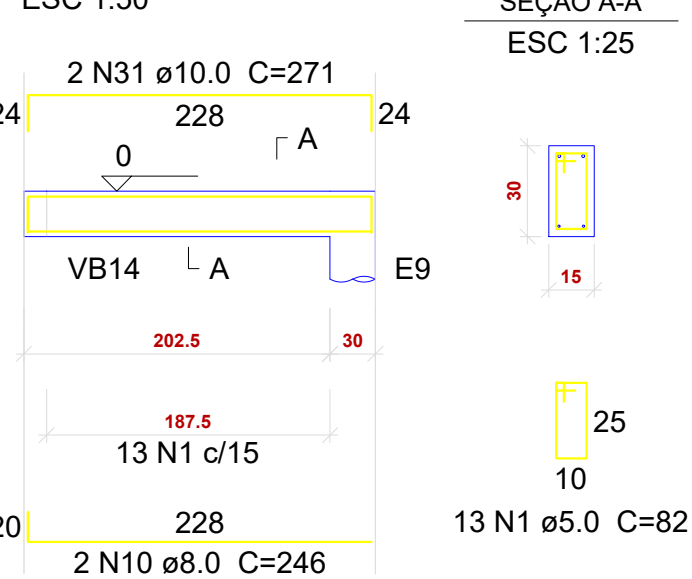
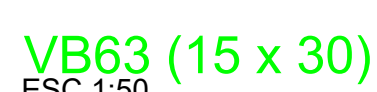
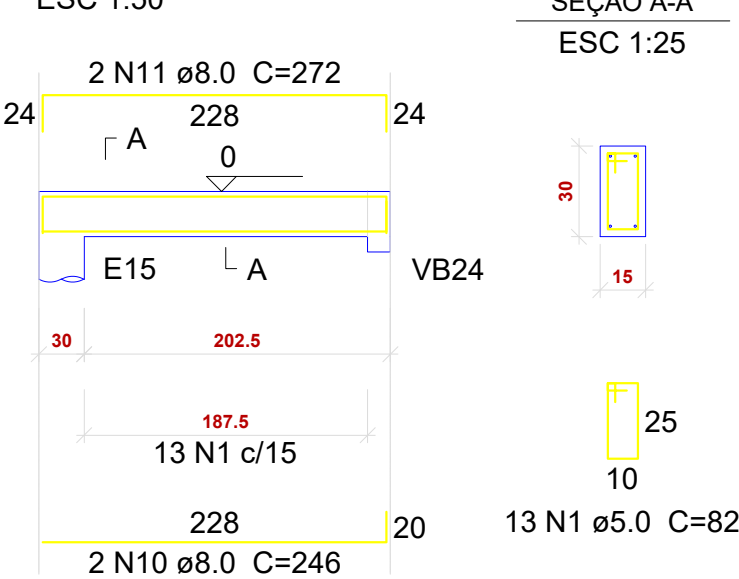
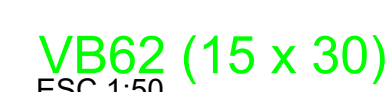
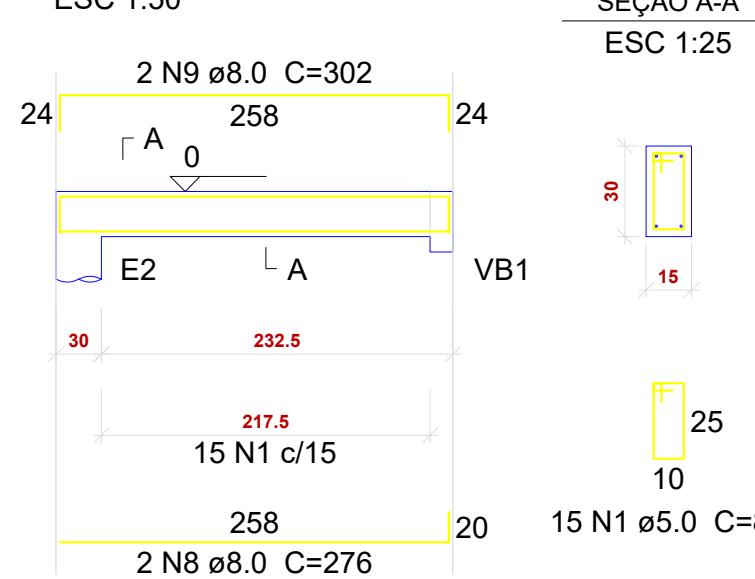
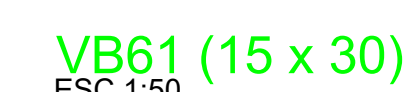
DATA: 21/02/2022

FOLHA: **7/15**

Resumo do aço

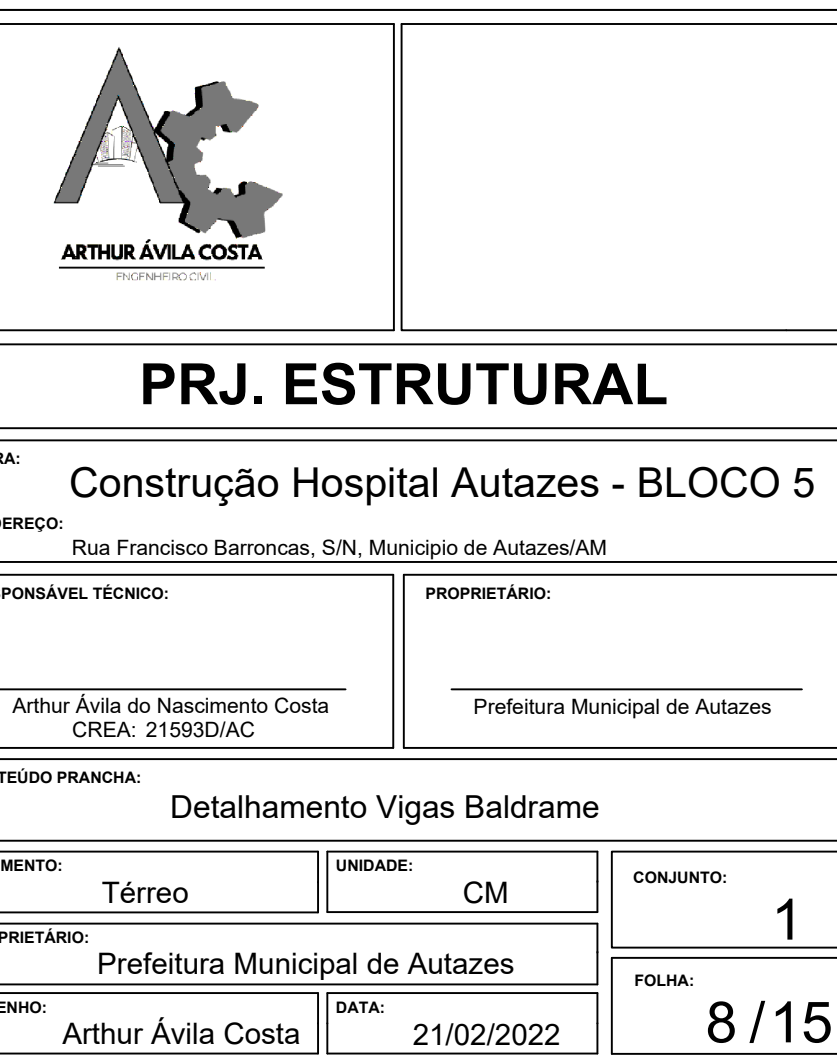
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	303.9	74.4
	8.0	253.6	100.1
	10.0	230.3	141.9
	12.5	482.3	464.6
	5.0	1118	172.3
PESO TOTAL (kg)			
CA50	781		
CA60	172.3		

Volume de concreto (C-25) = 12.11 m³
Área de forma = 194.29 m²



AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	146.2	35.8
	8.0	187.4	73.9
	10.0	77.8	48
	12.5	295.8	284.9
CA60	5.0	614.5	94.7
PESO TOTAL (kg)			
CA50	442.6		
CA60	94.7		

Volume de concreto (C-25) = 6.94 m³
Área de forma = 111.11 m²



Construção Hospital Autazes - BLOCO 5

EREÇO:
Rua Francisco Barroncas, S/N, Município de Autazes/AM

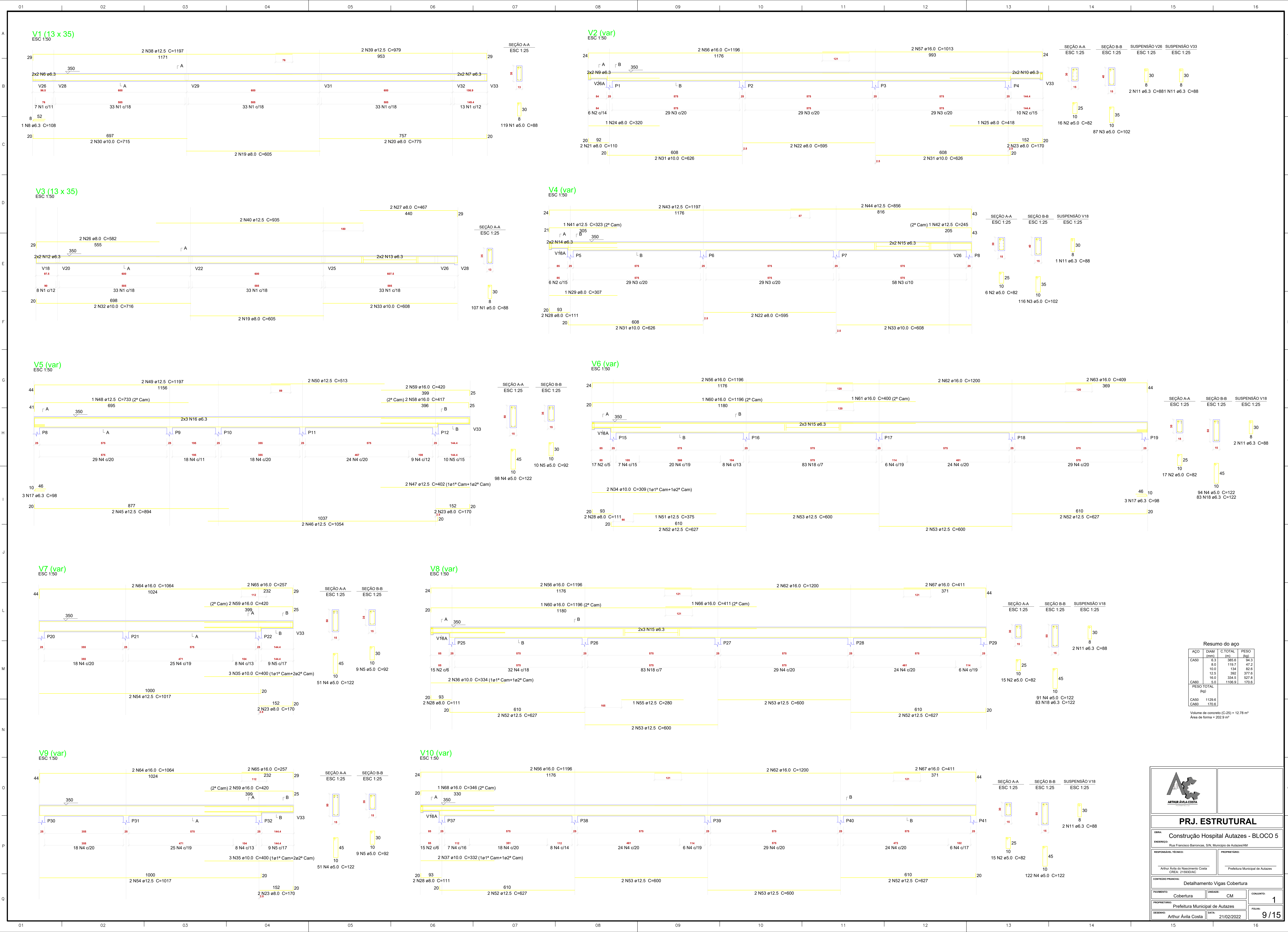
RESPONSÁVEL TÉCNICO:	PROPRIETÁRIO:
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Arthur Ávila do Nascimento Costa CREA: 21593D/AC	Prefeitura Municipal de Autazes
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TEÚDO PRANCHA: Detalhamento Vigas Baldrame

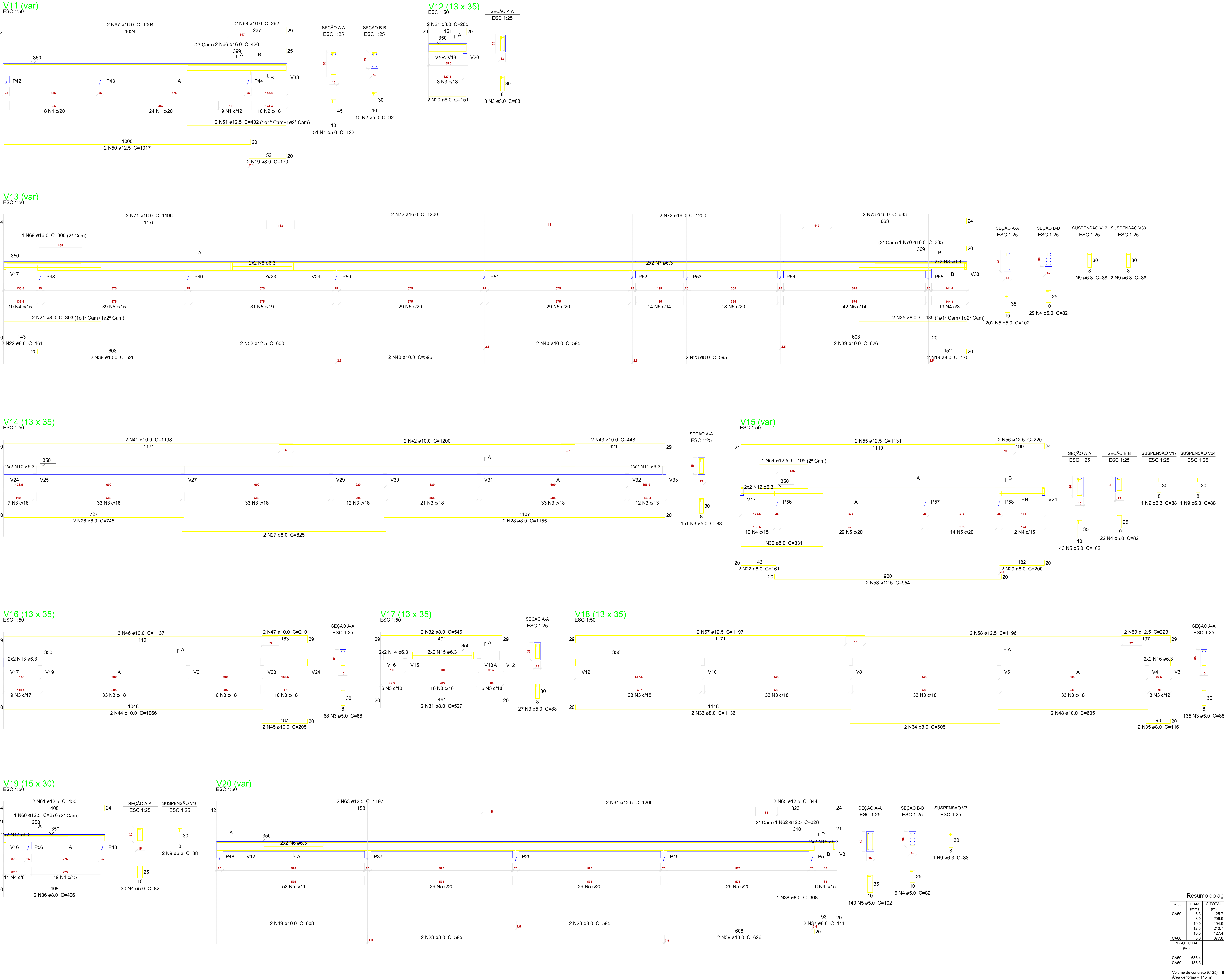
AMENTO:	UNIDADE:	CONJUNTO:
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Terreo	CM	1
PRETARIO:		



Resumo do aço				
ACO	DIAM (mm)	C.TOTAL (m)	PESO (kg)	
CA50	6.3	385.6	94.3	
	8.0	118.7	47.2	
	10.0	134	82.6	
	12.5	392	377.6	
CA60	16.0	334.5	527.8	
	5.0	1106.9	170.6	
PESO TOTAL (kg)				
CA50	1129.6			
CA60	170.6			
Volume de concreto (C-25) = 12.78 m³				
Área de forma = 202.9 m²				

			
PRJ. ESTRUTURAL			
Obra: Construção Hospital Autazes - BLOCO 5			
Endereço: Rua Francisco Barronias, S/N, Município de Autazes/AM			
Responsável Técnico:		Proprietário:	
Arthur Ávila do Nascimento Costa CREA: 215930/AC		Prefeitura Municipal de Autazes	
Conteúdo: Detalhamento Vigas Cobertura			
Pavimento:	Cobertura	Unidade:	CM
Proprietário:		Conjunto:	
Prefeitura Municipal de Autazes		1	
Desenho:	Arthur Ávila Costa	Data:	21/02/2022
		Folha:	9/15



Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	125.7	30.7
	8.0	206.9	81.6
	10.0	194.9	120.2
	12.5	210.7	202.9
	16.0	127.4	201
	5.0	877.8	135.3
PESO TOTAL (kg)			
CA50	636.4		
CA60	135.3		

Volume de concreto (C-25) = 8.67 m³
Área de forma = 145 m²



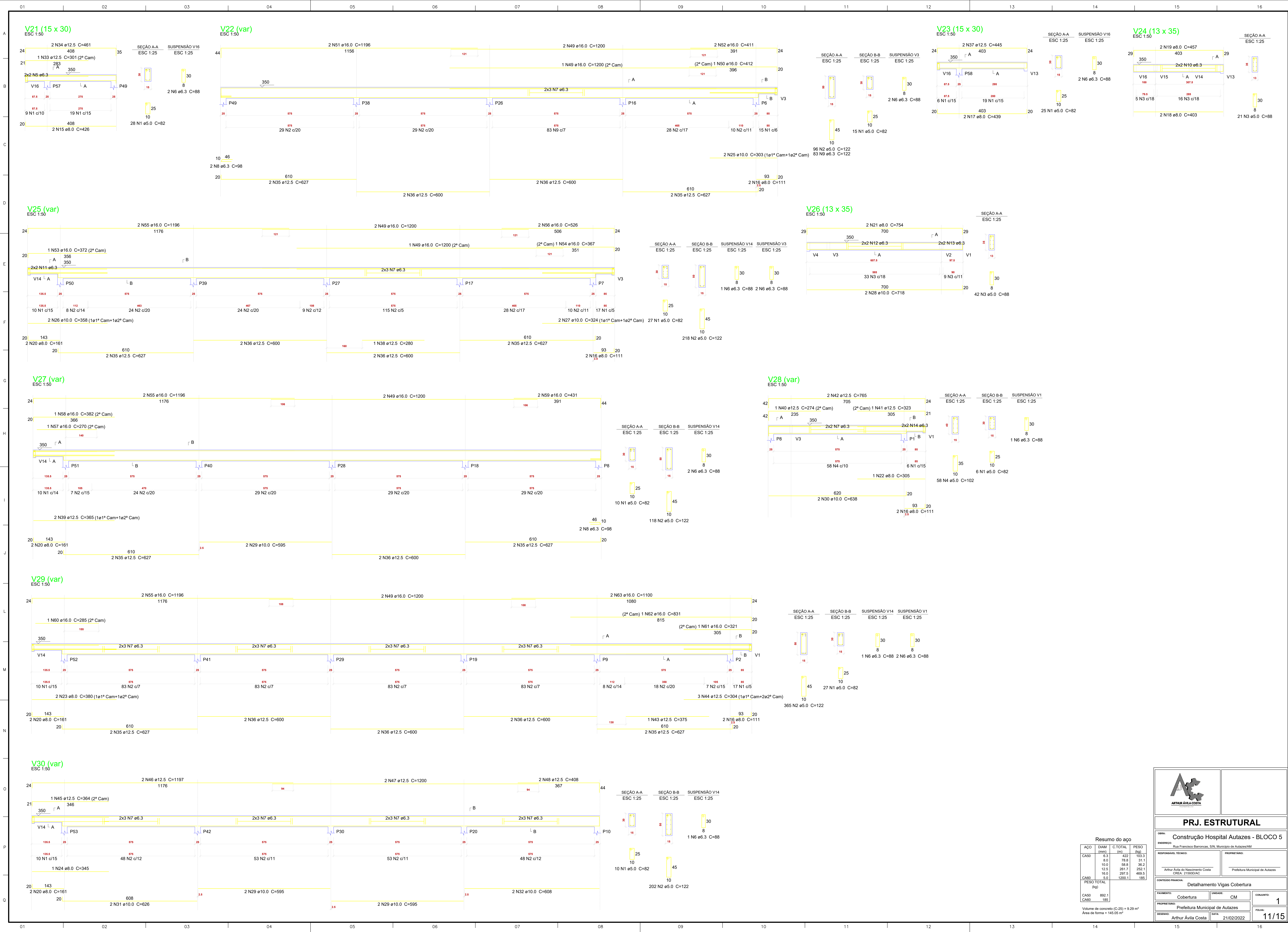
PRJ. ESTRUTURAL

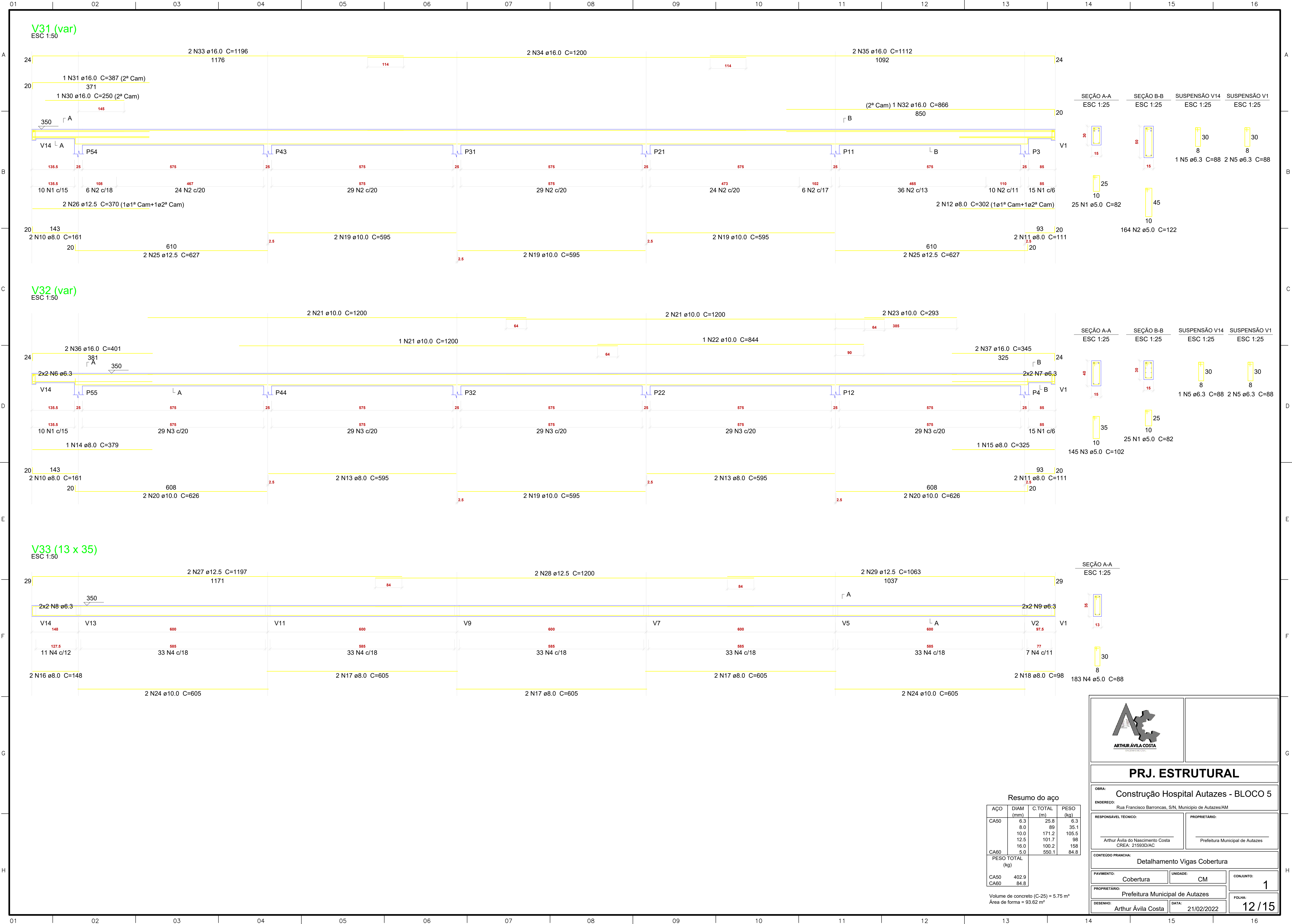
CONSTRUÇÃO HOSPITAL AUTAZES - BLOCO 5

ENDREÇO: Rua Francisco Barronias, S/N, Município de Autazes/AM

RESPONSÁVEL TÉCNICO	PROPRIETÁRIO
Arthur Ávila do Nascimento Costa CREA: 215930/AC	Prefeitura Municipal de Autazes

CONTEÚDO FRANCA:		
Detalhamento Vigas Cobertura		
PAYMENTO	UNIDADE	CONJUNTO
Cobertura	CM	1
PROPRIETÁRIO		FOLHA
Prefeitura Municipal de Autazes		10/15
DESENHO	DATA	
Arthur Ávila Costa	21/02/2022	





Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	25.8	6.3
	8.0	89	35.1
	10.0	171.2	105.5
	12.5	101.7	98
	16.0	100.2	156
CA60	5.0	550.1	84.8
PESO TOTAL (kg)			
CA50	402.9		
CA60	84.8		
Volume de concreto (C-25) = 5.75 m³ Área de forma = 93.62 m²			



ARTHUR ÁVILA COSTA
ENGENHARIA

PRJ. ESTRUTURAL

OBRA:
Construção Hospital Autazes - BLOCO 5

ENDEREÇO:
Rua Francisco Barroncas, S/N. Município de Autazes/AM

RESPONSÁVEL TÉCNICO:
Arthur Ávila do Nascimento Costa
CREA: 21593/DAC

PROPRIETÁRIO:
Prefeitura Municipal de Autazes

CONTEÚDO PRANCHA:
Detalhamento Vigas Cobertura

PAYMENTO:
Cobertura

UNIDADE:
CM

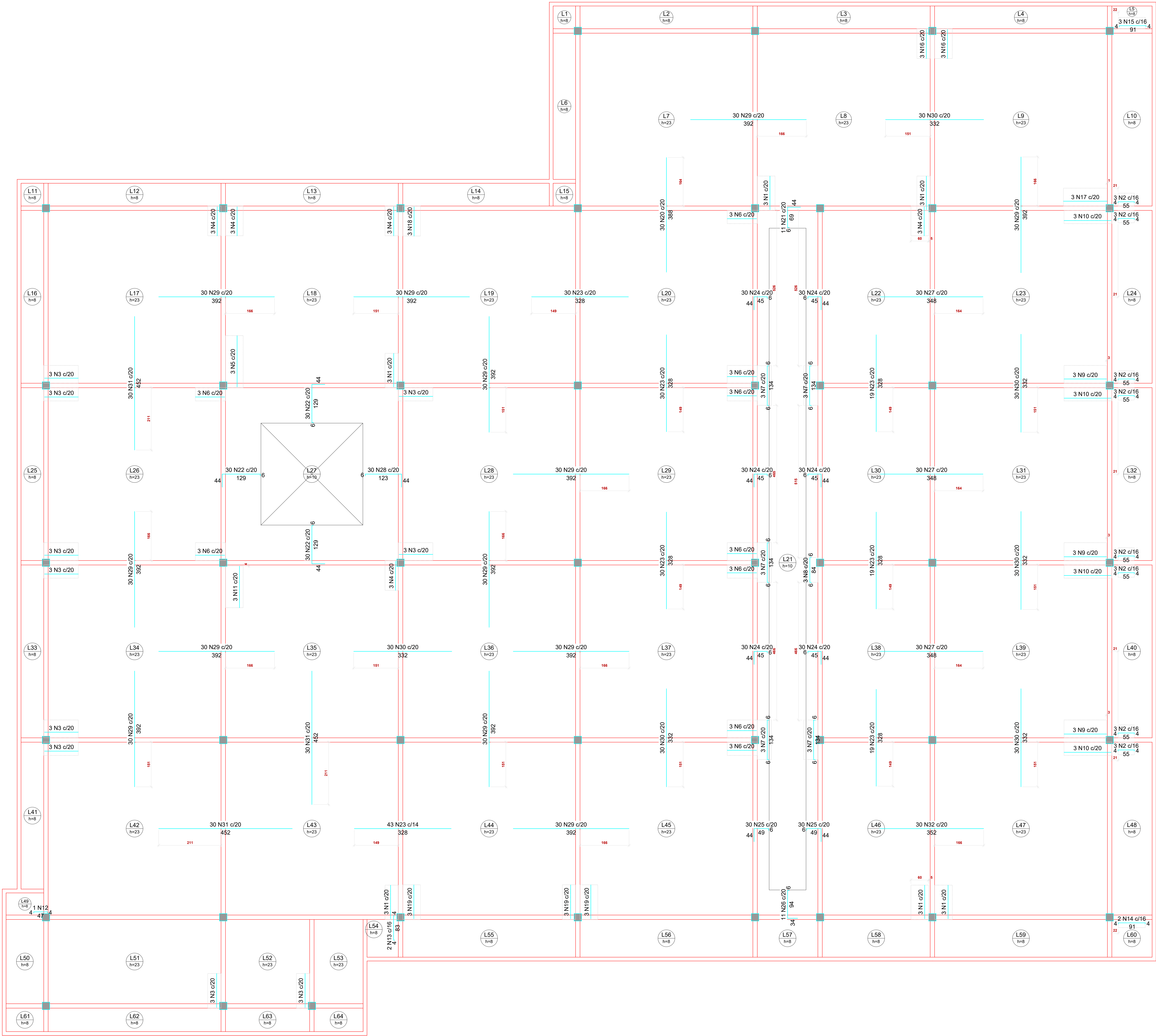
CONJUNTO:
1

PROPRIETÁRIO:
Prefeitura Municipal de Autazes

DESENHO:
Arthur Ávila Costa

DATA:
21/02/2022

FOLHA:
12/15



ARMAÇÃO NEGATIVA DAS LAJES DO PAVIMENTO COBERTURA I
escala 1:50

Relação do aço

Negativos					
ACO	N	DIAM (mm)	QUANT	C.LIMIT (cm)	C.TOTAL (cm)
CASO	1	6.3	18	114	2032
	2	6.3	24	60	1440
	3	6.3	30	115	3450
	4	6.3	15	90	1405
	5	6.3	3	174	522
	6	6.3	27	100	2700
	7	6.3	15	143	2145
	8	6.3	3	93	279
	9	6.3	9	144	1296
	10	6.3	12	160	1920
	11	6.3	3	141	423
	12	6.3	1	52	52
	13	6.3	2	88	176
	14	6.3	2	96	192
	15	8.0	3	95	285
	16	8.0	6	99	594
	17	8.0	3	148	444
	18	8.0	3	100	300
	19	8.0	9	115	1035
	20	8.0	30	388	11640
	21	8.0	11	115	1265
	22	8.0	90	115	10350
	23	8.0	190	308	62520
	24	8.0	180	91	16380
	25	8.0	60	95	5700
	26	8.0	11	130	1430
	27	8.0	90	348	31320
	28	8.0	30	169	5070
	29	10.0	390	392	152880
	30	10.0	160	332	52960
	31	10.0	90	452	40680
	32	10.0	30	352	10560

Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CASO	6.3	161.4	44.4
	8.0	1535.4	605.8
	10.0	2538.8	1626.9
PESO TOTAL (kg)			
CASO		2777.1	



ARTHUR ÁVILA COSTA
ENGENHEIRO

PRJ. ESTRUTURAL

Obra: **Construção Hospital Autazes - BLOCO 5**

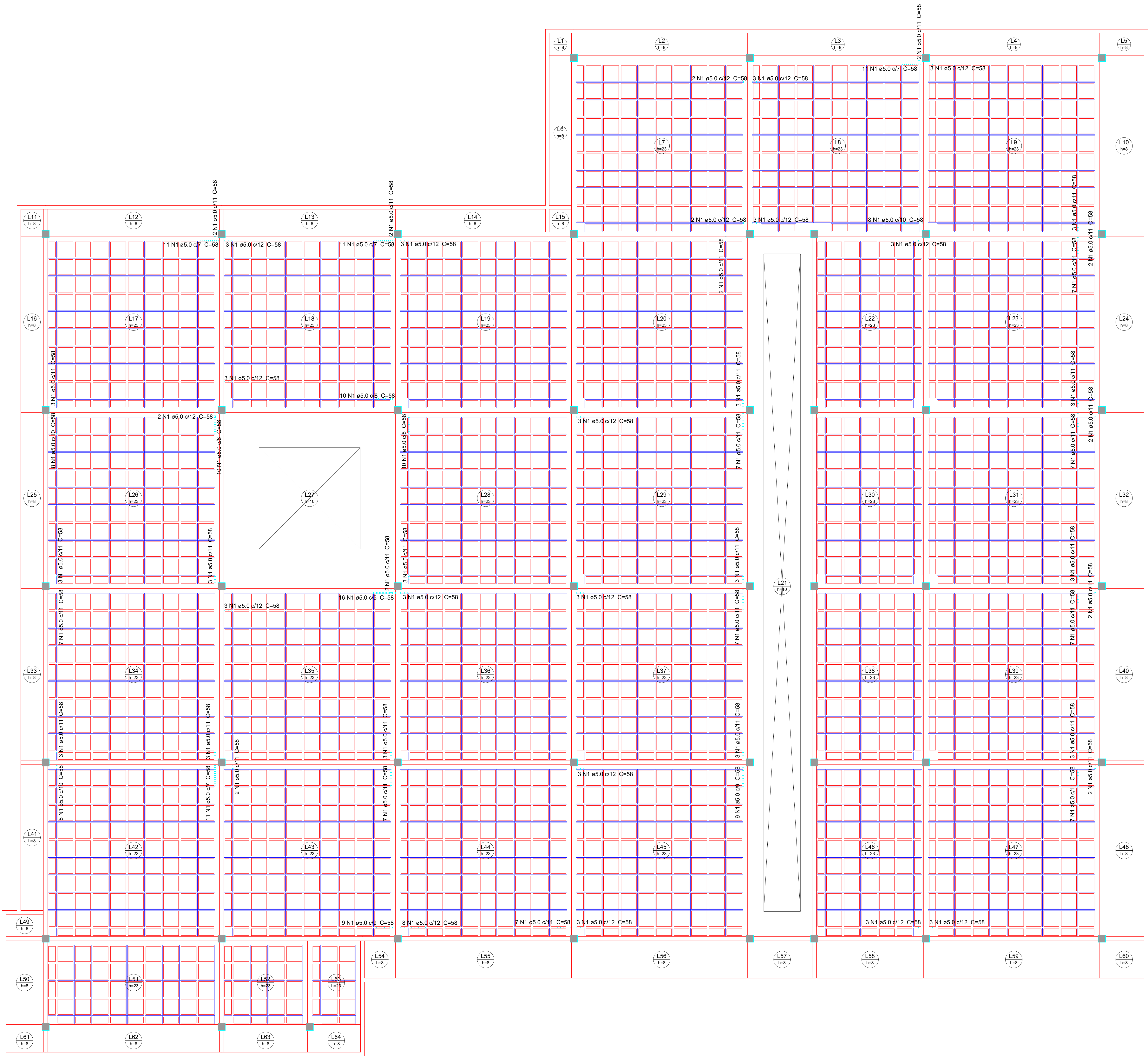
Endereço: Rua Francisco Barroncos, S/N, Município de Autazes/AM

RESPONSÁVEL TÉCNICO: Arthur Ávila de Nascimento Costa
CREA: 215930/AC

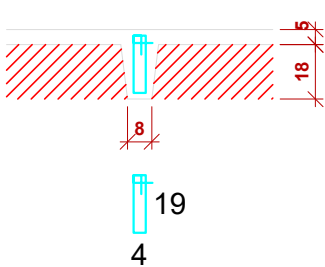
PROPRIETÁRIO: Prefeitura Municipal de Autazes

CONTEÚDO FRANQUIA: Detalhamento Laje Cobertura

PAVIMENTO: Cobertura	UNIDADE: CM	CONJUNTO: 1
PROPRIETÁRIO: Prefeitura Municipal de Autazes	DATA: 21/02/2022	FOLHA: 14/15
DESENHO: Arthur Ávila Costa		



Detalhe dos estribos (esc. 1:25)
L7=L8=L9=L17=L18=L19=L20=L22=L23
=L26=L28=L29=L31=L34=L35=L36=L37
=L39=L42=L43=L44=L45=L46=L47



DETALHAMENTO DE PUNÇÃO E CISALHAMENTO DAS LAJES DO PAVIMENTO COBERTURA I (NÍVEL 350)
escala 1:50

Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	316	58	18333

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA60	5.0	183.3	28.2
PESO TOTAL (kg)			28.2
CA60			28.2



PRJ. ESTRUTURAL

Obra: **Construção Hospital Autazes - BLOCO 5**

Endereço: Rua Francisco Barronias, S/N, Município de Autazes/AM

RESPONSÁVEL TÉCNICO: Arthur Ávila de Nascimento Costa
CREA: 219530/AC

PROPRIETÁRIO: Prefeitura Municipal de Autazes

CONTEÚDO FRANCA: Detalhamento Laje Cobertura

PAYMENTO: Cobertura UNIDADE: CM CONJUNTO: 1

PROPRIETÁRIO: Prefeitura Municipal de Autazes

DESENHO: Arthur Ávila Costa DATA: 21/02/2022 FOLHA: 15/15