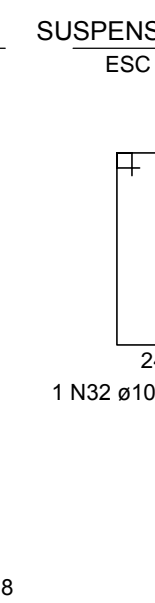
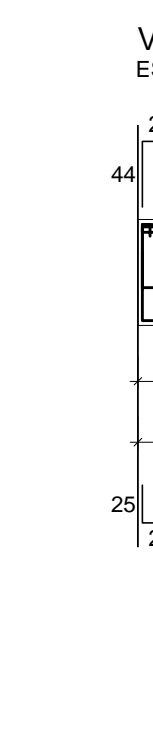
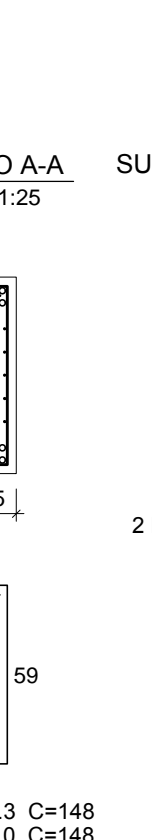
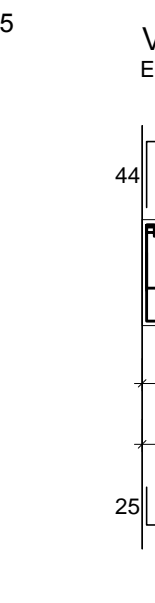
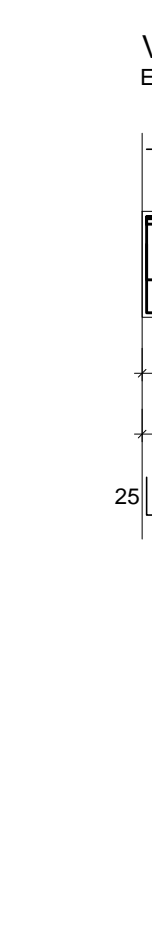
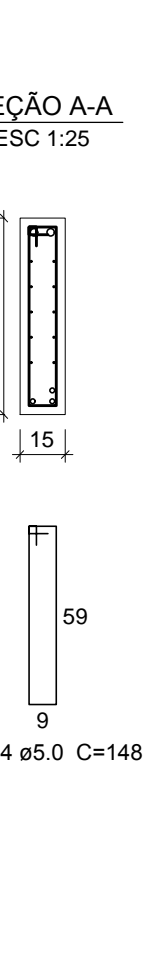
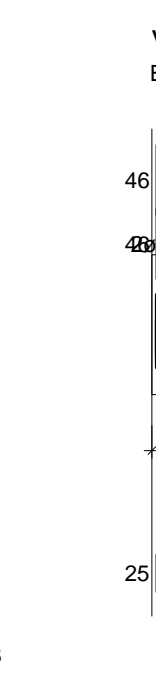


5. TODAS AS PEÇAS ESTRUTURAIS DEVERÃO TER AS DIMENSÕES MÍNIMAS MENCIONADAS



		Relação Do aço					
VA1	VA2	VA3					
VA4	VA5	VA6					
VA7	VA8	VA9					
VA10	VA11	VA12					
VA13	VA14	VA15					
VA16	VA17	VA18					
VA19	VA20	VA21					
ACO	N	DAM	QUANT	CLUNIT	C30AL	C30AL	C30AL
CA60	1	5.0	10	607	1800	1800	1800
	2	5.0	4	800	720	720	720
	3	5.0	4	194	760	760	760
	4	5.0	311	134	1800	1800	1800
	5	5.0	4	190	1900	1900	1900
	6	5.0	10	160	1600	1600	1600
	7	5.0	88	118	1084	1084	1084
	8	5.0	20	1650	3300	3300	3300
	9	5.0	10	1600	1600	1600	1600
	10	5.0	10	2132	21320	21320	21320
CA50	11	6.3	300	118	2160	2160	2160
	12	6.3	27	118	2160	2160	2160
	13	6.3	27	118	2160	2160	2160
	14	6.3	2	86	172	172	172
	15	6.3	2	86	172	172	172
	16	6.3	10	132	264	264	264
	17	6.3	2	112	224	224	224
	18	6.3	10	285	2850	2850	2850
	19	6.3	10	285	2850	2850	2850
	20	6.3	48	158	7584	7584	7584
	21	6.3	10	330	3300	3300	3300
	22	6.3	4	113	452	452	452
	23	6.3	53	46	764	764	764
	24	10.0	2	394	788	788	788
	25	10.0	2	289	578	578	578
	26	10.0	2	1014	1014	1014	1014
	27	10.0	4	322	1288	1288	1288
	28	10.0	2	420	840	840	840
	29	10.0	2	270	540	540	540
	30	10.0	4	187	748	748	748
31	10.0	2	78	312	312	312	
32	10.0	2	189	378	378	378	
33	10.0	2	70	280	280	280	
34	10.0	1	179	179	179	179	
35	10.0	2	225	450	450	450	
36	12.5	2	893	1786	1786	1786	
37	12.5	2	893	1786	1786	1786	
38	12.5	1	651	1302	1302	1302	
39	12.5	2	300	600	600	600	
40	12.5	2	651	1302	1302	1302	
41	12.5	2	566	1132	1132	1132	
42	12.5	2	298	596	596	596	
43	12.5	2	298	596	596	596	
44	12.5	2	326	652	652	652	
45	12.5	2	326	652	652	652	
46	12.5	3	616	1848	1848	1848	
47	12.5	4	1084	2168	2168	2168	
48	12.5	4	1084	2168	2168	2168	
49	16.0	2	666	1332	1332	1332	
50	16.0	2	666	1332	1332	1332	
51	16.0	2	801	1602	1602	1602	
52	16.0	2	801	1602	1602	1602	
53	16.0	2	770	1540	1540	1540	
54	16.0	1	770	770	770	770	
55	16.0	2	770	1540	1540	1540	
56	16.0	2	784	1568	1568	1568	
57	16.0	3	282	846	846	846	
58	20.0	2	905	1810	1810	1810	
59	20.0	2	396	792	792	792	
60	20.0	2	905	1810	1810	1810	
61	20.0	1	414	814	814	814	
62	20.0	2	905	1810	1810	1810	
63	20.0	2	905	1810	1810	1810	
64	20.0	1	347	347	347	347	
65	20.0	2	1115	2230	2230	2230	
66	20.0	1	555	555	555	555	
67	20.0	1	555	555	555	555	
68	20.0	2	1194	2388	2388	2388	
69	20.0	2	731	1462	1462	1462	
70	20.0	2	1194	2388	2388	2388	
71	20.0	2	738	1516	1516	1516	
72	20.0	1	555	555	555	555	
73	20.0	1	1195	1195	1195	1195	
74	20.0	1	517	517	517	517	
75	20.0	1	1195	1195	1195	1195	
76	20.0	2	1179	2358	2358	2358	
77	20.0	2	1179	2358	2358	2358	
78	20.0	2	786	1572	1572	1572	
79	20.0	2	1089	2172	2172	2172	
80	20.0	2	1089	2172	2172	2172	
81	25.0	1	333	333	333	333	
82	25.0	1	333	333	333	333	
83	25.0	2	938	1876	1876	1876	
84	25.0	2	938	1876	1876	1876	
85	25.0	2	736	1472	1472	1472	
86	25.0	2	938	1876	1876	1876	
87	25.0	1	313	313	313	313	

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	688.9	168.6
	8.0	78.5	31
	10.0	72.3	44.5
	12.5	128.9	124.2
	16.0	164.5	259.5
	20.0	345.6	852.1
CA60	25.0	104.9	404.2
	5.0	1787.6	275.5

Volume de concreto (C-25) = 13,95 m<sup>3</sup>  
Área de forma = 204,48 m<sup>2</sup>

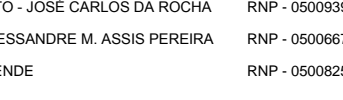
COORDENADOR DE CONTRATO - JOSÉ CARLOS DA ROCHA RNP - 050060503-3

RESPONSÁVEL TÉCNICO - ALESSANDRE M. ASSIS PEREIRA RNP - 050055745-7

ENGENHEIRO - LEILSON REZENDE RNP - 050032575

REPARAÇÕES:			
03			
02			
01			
NUMERO	DATA	RESPONS.	TIPO E LOCAL DA ALTERAÇÃO

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COORDENADORA DE PLANEJAMENTO, PROJETO E OBRAS - ARQ. MÁRCIA ELIZABETH PRINHEIRO CAU- A21359-4

REFE DO NÚCLEO DE PROJETOS - PROJ. ROSANA DE LEO CAU- AT2234-9

SIEMENS

QAL	(QALd)
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ARMADURA DAS VIGAS DO PAVIMENTO TERREO

**POLARIS**