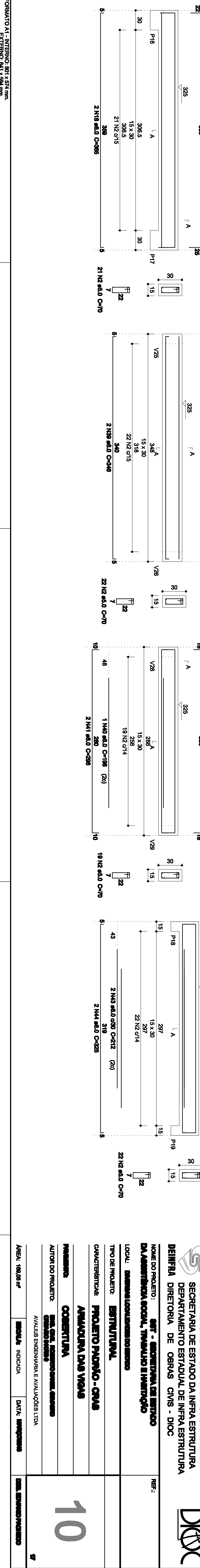
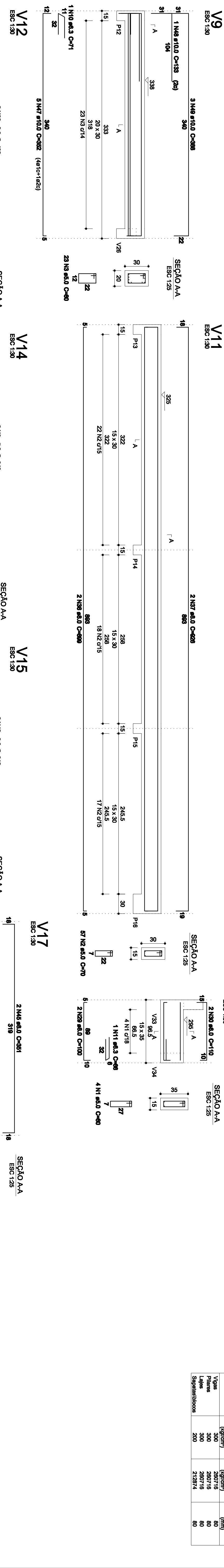
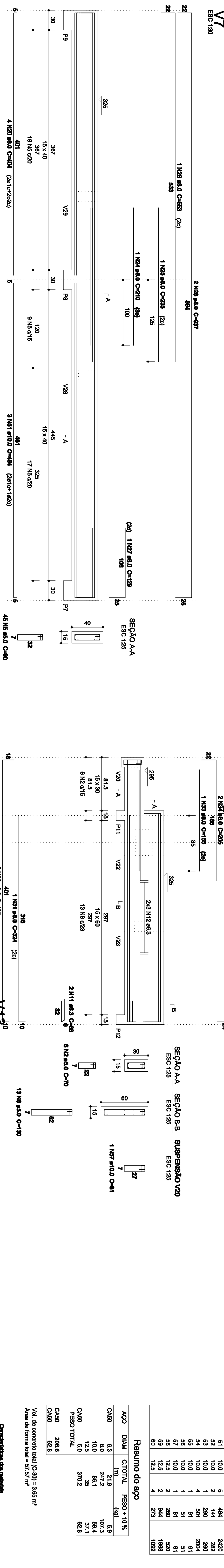
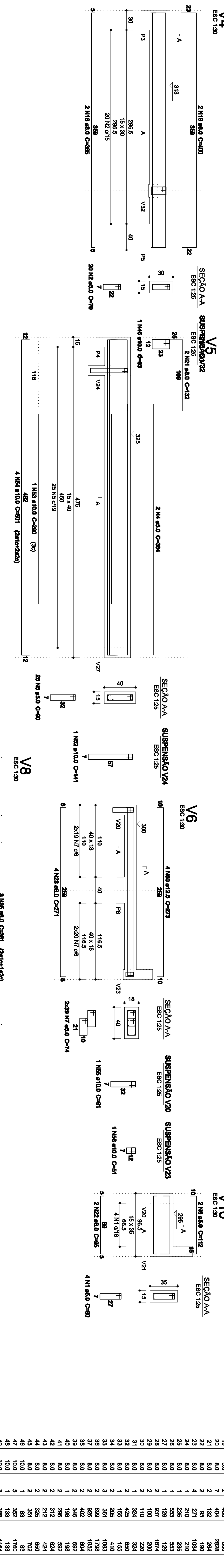
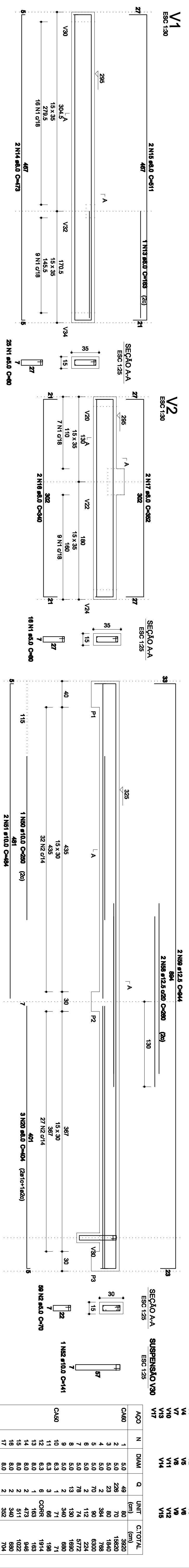


V1 V2 V3 V4 V5 V6 V7 V8 V9 V10 V11 V12 V13 V14 V15 V16 V17 V18



ACO	N	DIAM.	Q	UNID.	C.TOTAL
CABO	1	5,0	49	80	3920
	2	5,0	226	70	15820
	3	5,0	23	80	1840
	4	5,0	70	364	25480
	5	5,0	72	2	144
	6	5,0	78	112	224
	7	5,0	78	14	224
	8	5,0	13	300	1800
	9	5,0	13	340	1960
	10	5,0	17	78	1314
	11	5,0	17	8	136
	12	6,3	3	6 COBR.	1914
	13	6,3	1	163	163
	14	8,0	2	473	946
	15	8,0	2	511	1022
	16	8,0	2	340	680
	17	8,0	2	365	730
	18	8,0	4	400	800
19	8,0	7	404	808	
20	8,0	7	404	808	
21	8,0	7	404	808	
22	8,0	7	132	264	
23	8,0	2	55	110	
24	8,0	2	270	540	
25	8,0	1	210	420	
26	8,0	1	236	472	
27	8,0	1	553	1106	
28	8,0	1	129	258	
29	8,0	2	897	1794	
30	8,0	2	110	220	
31	8,0	2	31	62	
32	8,0	2	110	220	
33	8,0	2	425	850	
34	8,0	2	155	310	
35	8,0	2	205	410	
36	8,0	2	851	1702	
37	8,0	2	826	1652	
38	8,0	2	402	804	
39	8,0	2	346	692	
40	8,0	2	198	396	
41	8,0	2	198	396	
42	8,0	2	198	396	
43	8,0	2	212	424	
44	8,0	2	325	650	
45	8,0	2	351	702	
46	10,0	1	91	182	
47	10,0	1	92	184	
48	10,0	1	332	664	
49	10,0	3	388	1164	
50	10,0	1	250	500	
51	10,0	5	464	2320	
52	10,0	2	141	282	
53	10,0	2	290	580	
54	10,0	4	290	1160	
55	10,0	4	91	364	
56	10,0	1	81	162	
57	10,0	1	81	162	
58	12,5	2	290	580	
59	12,5	2	94	188	
60	12,5	4	273	1092	

Resumo do aço

ACO	DIAM	C.TOTAL	PESO +10%
CABO	6,3	71,9	5,9
CABO	8,0	247,2	107,3
CABO	10,0	86,1	58,4
CABO	12,5	35	37,1
PESO TOTAL	5,0	370,2	62,8
CABO	208,6		
CABO	62,8		

Vol. de concreto total (C-30) = 3,65 m³  
 Área de forma total = 57,57 m²

Composição das madeiras

Elemento	Essa	Assimétrico
Viga	300	80
Placa	300	80
Sentelha/boia	200	80

**ESTADO DE SANTA CATARINA**  
 SECRETARIA DE ESTADO DA INFRA-ESTRUTURA  
 DEPARTAMENTO ESTADUAL DE INFRA-ESTRUTURA  
 DIRETORIA DE OBRAS CIVIS - DIOC

**DIOC**

NOME DO PROJETO: **ORT - SECTORAIS DE ENTORNO DA AEROPORTO LOCAL, TRÁFICO E MANUTENÇÃO**

LOCAL: **AREAS DE MANUTENÇÃO DO AEROPORTO**

TIPO DE PROJETO: **ESTRUTURAL**

CARACTERÍSTICAS: **PROJETO PADRÃO - ORAS**

ANÁLISE DAS VIGAS: **COMERTURA**

AUTOR DO PROJETO: **DR. CARLOS EDUARDO DE OLIVEIRA**

AVULSUS ENGENHARIA E AVALIAÇÕES LTDA

AVEL: 19/08/17

RESOLUÇÃO: **INDICADA**

DATA: **19/08/2018**

DESENVOLVIDOR: **DR.**

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