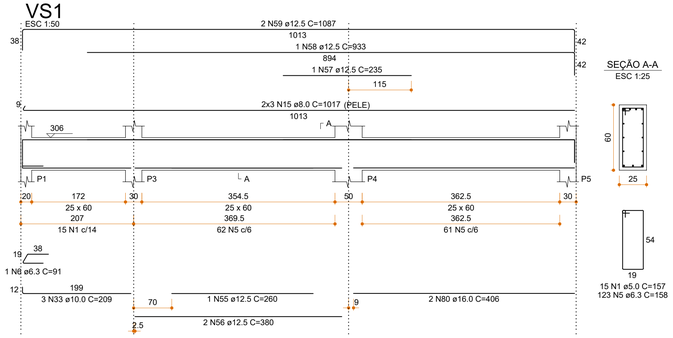
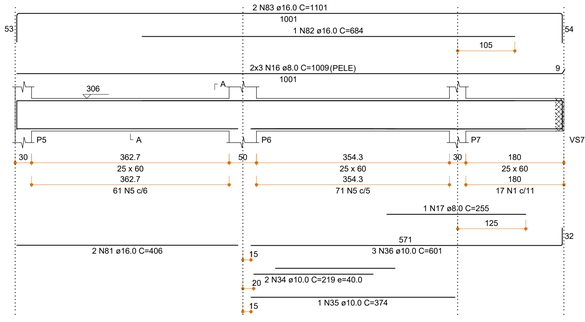
VIGAS 1

VS1
ESC 1:50

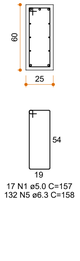


SEÇÃO A-A
ESC 1:25

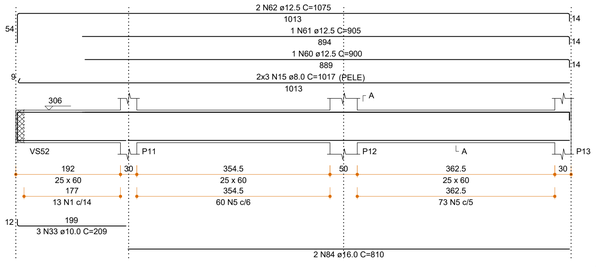
VS2
ESC 1:50



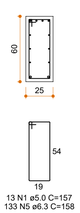
SEÇÃO A-A
ESC 1:25



VS3
ESC 1:50



SEÇÃO A-A
ESC 1:25



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	1742.8	426.5
	8.0	637.2	251.4
	10.0	313.1	193
	12.5	270.5	260.6
	16.0	159.6	251.8
CA60	5.0	691	106.5

PESO TOTAL (kg)	
CA50	1383.4
CA60	106.5

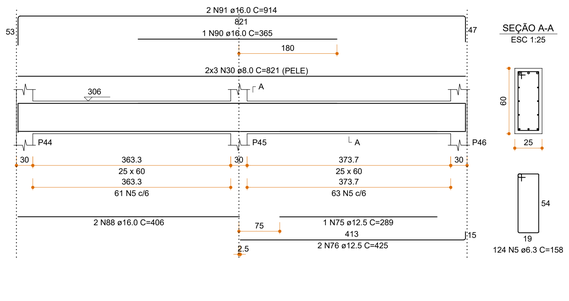
Volume de concreto (C-30) = 16.25 m³
Área de forma = 173.28 m²

RELAÇÃO DO AÇO

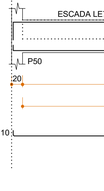
VS1 VS2 VS3
VS4 VS5 VS6
VS7 VS8 VS9
VS12 VS13 VS14
VS16 VS17

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	240	157	37680
	2	5.0	66	147	9702
	3	5.0	48	227	10896
	4	5.0	79	137	10823
CA50	5	6.3	721	158	113918
	6	6.3	1	91	91
	7	6.3	137	148	20276
	8	6.3	8	1016	8128
	9	6.3	8	221	1768
	10	6.3	8	829	6632
	11	6.3	6	126	756
	12	6.3	14	826	11564
	13	6.3	6	1099	6594
	14	6.3	6	759	4554
	15	8.0	12	1017	12204
	16	8.0	18	1009	18162
	17	8.0	1	255	255
	18	8.0	51	158	8058
	19	8.0	4	273	1092
	20	8.0	5	400	2000
	21	8.0	1	110	110
	22	8.0	3	205	615
	23	8.0	3	272	816
	24	8.0	8	221	1768
	25	8.0	4	423	1692
	26	8.0	6	225	1350
	27	8.0	6	823	4938
	28	8.0	3	252	756
	29	8.0	3	410	1230
	30	8.0	6	821	4926
	31	8.0	3	491	1473
	32	8.0	3	759	2277
	33	10.0	6	209	1254
	34	10.0	2	219	438
	35	10.0	1	374	374
	36	10.0	3	601	1803
	37	10.0	1	102	102
	38	10.0	5	217	1085
	39	10.0	1	234	234
	40	10.0	2	334	668
	41	10.0	3	310	930
	42	10.0	1	694	694
	43	10.0	2	999	1998
	44	10.0	4	1062	4248
	45	10.0	6	404	2424
	46	10.0	2	167	334
	47	10.0	1	560	560
	48	10.0	1	580	580
	49	10.0	3	829	2487
	50	10.0	9	845	7605
	51	10.0	3	231	693
	52	10.0	1	292	292
	53	10.0	1	227	227
	54	10.0	3	759	2277
	55	12.5	1	260	260
	56	12.5	2	380	760
	57	12.5	1	235	235
	58	12.5	1	933	933
	59	12.5	2	1087	2174
	60	12.5	2	900	1800
	61	12.5	1	905	905
	62	12.5	2	1075	2150
	63	12.5	2	272	544
	64	12.5	2	379	758
	65	12.5	1	243	243
	66	12.5	2	412	824
	67	12.5	1	215	215
	68	12.5	1	259	259
	69	12.5	2	399	798
	70	12.5	1	895	895
	71	12.5	2	1063	2126
	72	12.5	1	303	303
	73	12.5	6	837	5022
	74	12.5	2	299	598
	75	12.5	1	289	289
	76	12.5	2	425	850
	77	12.5	3	615	1845
	78	12.5	2	315	630
	79	12.5	2	819	1638
	80	16.0	2	406	812
	81	16.0	2	406	812
	82	16.0	1	684	684
	83	16.0	2	1101	2202
	84	16.0	2	810	1620
	85	16.0	2	399	798
	86	16.0	1	265	265
	87	16.0	2	1077	2154
	88	16.0	4	406	1624
	89	16.0	2	899	1798
	90	16.0	1	365	365
	91	16.0	2	914	1828
	92	16.0	3	331	993

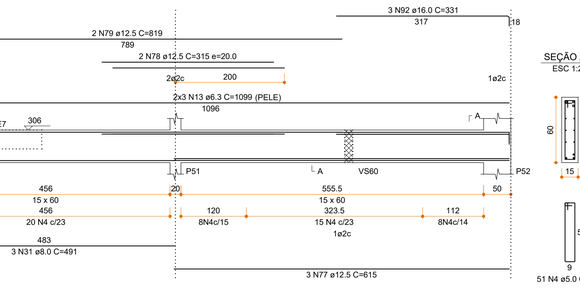
VS4
ESC 1:50



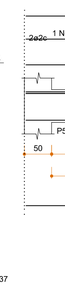
SEÇÃO A-A
ESC 1:25



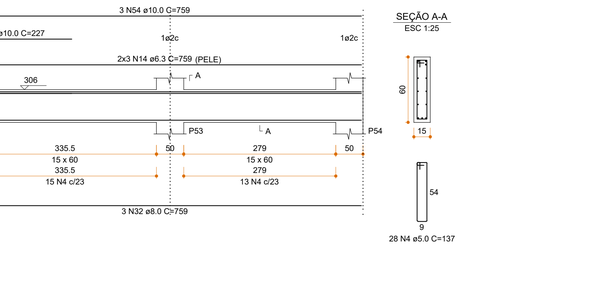
VS5
ESC 1:50



SEÇÃO A-A
ESC 1:25



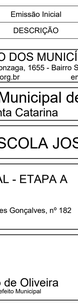
VS6
ESC 1:50



SEÇÃO A-A
ESC 1:25

VS7
ESC 1:50

SEÇÃO A-A
ESC 1:25



VS8
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS9
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS12
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS13
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS14
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS16
ESC 1:50

SEÇÃO A-A
ESC 1:25

VS17
ESC 1:50

SEÇÃO A-A
ESC 1:25

0	Emissão Inicial	04/2024	ES
AÇÃO	DESCRIÇÃO	DATA	RESPONSÁVEL

AMFRI

ASSOCIAÇÃO DOS MUNICÍPIOS DA REGIÃO DA FOZ DO RIO ITAJAÍ
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Prefeitura Municipal de Ilhota
Estado de Santa Catarina

Código: 176-2024

ESCOLA JOSÉ ELIAS DE OLIVEIRA

Data: Abril/2024
Desenho: Rui

Projeto: ESTRUTURAL - ETAPA A
Endereço: Rua Vereador Alcides Gonçalves, nº 182 Bairro Minas

Conteúdo da Folha: Vigas 1 (pavimento superior)

Projeto: EST
Folha: 11/21

Prefeitura Municipal
Erico de Oliveira
Prefeito Municipal

Responsável Técnico
ENIO GUI FERREIRA DE SAMPAIO JUNIOR:04727980908
Assinado de forma digital por ENIO GUI FERREIRA DE SAMPAIO JUNIOR:04727980908
Dados: 2024.05.03 11:45:36 -03'00'
Enio Gui Ferreira de Sampaio Jr.
Engenheiro Civil - CREA-SC 133.019-8