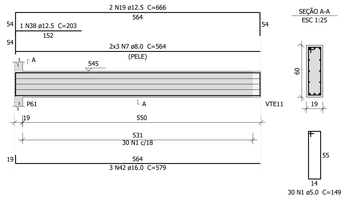
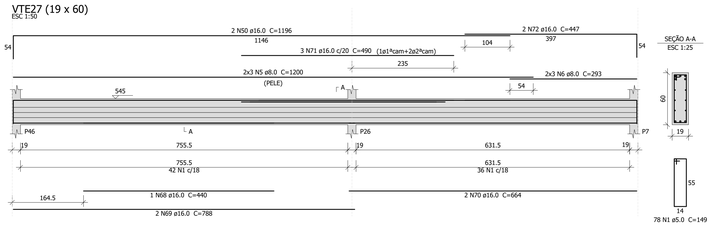
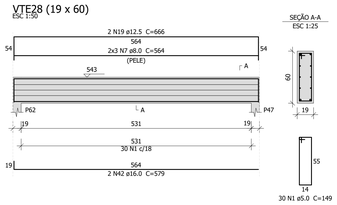
VTE26 (19 x 60)
ESC 1:50



VTE27 (19 x 60)
ESC 1:50



VTE28 (19 x 60)
ESC 1:50



Relação do aço

VTE26	VTE27	VTE28
VTE29	VTE30	VTE31
VTE32	VTE33	VTE34
VTE35	VTE36	

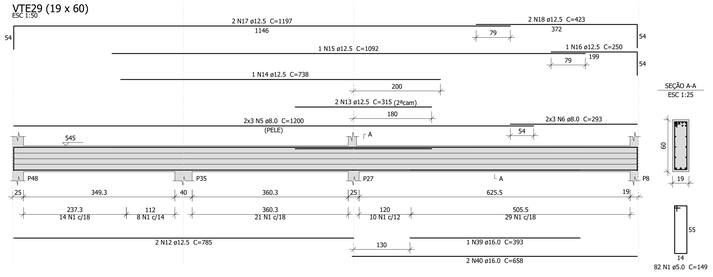
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	851	149	126799
	2	5.0	49	109	5341
CA50	3	6.3	19	150	2850
	4	6.3	1	182	182
	5	8.0	42	1200	50400
	6	8.0	12	293	3516
	7	8.0	18	564	10152
	8	8.0	24	843	20232
	9	8.0	6	638	3828
	10	8.0	6	240	1440
	11	10.0	2	179	358
	12	12.5	2	785	1570
	13	12.5	2	315	630
	14	12.5	1	738	738
	15	12.5	1	1092	1092
	16	12.5	1	250	250
	17	12.5	2	1197	2394
	18	12.5	2	423	846
	19	12.5	6	666	3996
	20	12.5	2	460	920
	21	12.5	6	1125	6750
	22	12.5	4	465	1860
	23	12.5	4	485	1940
	24	12.5	2	877	1754
	25	12.5	4	182	728
	26	12.5	1	330	330
	27	12.5	2	390	780
	28	12.5	2	495	990
	29	12.5	2	870	1740
	30	12.5	2	411	822
	31	12.5	2	1124	2248
	32	12.5	4	646	2584
	33	12.5	2	247	494
	34	12.5	1	118	118
	35	12.5	2	271	542
	36	12.5	2	285	570
	37	12.5	4	443	1772
	38	12.5	1	203	203
	39	16.0	1	393	393
	40	16.0	2	658	1316
	41	16.0	1	390	390
	42	16.0	7	579	4053
	43	16.0	1	375	375
	44	16.0	2	1144	2288
	45	16.0	1	399	399
	46	16.0	2	880	1760
	47	16.0	2	360	720
	48	16.0	1	827	827
	49	16.0	1	851	851
	50	16.0	4	1196	4784
	51	16.0	2	980	1960
	52	16.0	2	295	590
	53	16.0	3	459	1377
	54	16.0	1	411	411
	55	16.0	2	889	1778
	56	16.0	1	310	310
	57	16.0	2	315	630
	58	16.0	12	1200	14400
	59	16.0	3	946	2838
	60	16.0	1	662	662
	61	16.0	2	926	1852
	62	16.0	1	280	280
	63	16.0	1	651	651
	64	16.0	2	875	1750
	65	16.0	1	1137	1137
	66	16.0	1	629	629
	67	16.0	2	741	1482
	68	16.0	1	440	440
	69	16.0	2	788	1576
	70	16.0	2	664	1328
	71	16.0	3	490	1470
	72	16.0	2	447	894

Resumo do aço

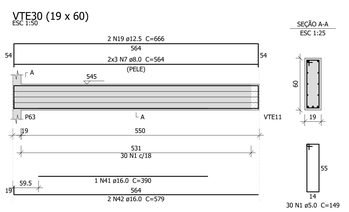
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	30.4	3	7.4
	8.0	895.7	75	353.4
	10.0	3.6	1	2.2
	12.5	386.7	33	372.4
	16.0	566.1	48	893.4
CA60	5.0	1321.4	-	203.7
PESO TOTAL (kg)				
CA50	1628.8			
CA60	203.7			

Volume de concreto (C-30) = 15.78 m³
Área de forma = 151.55 m²

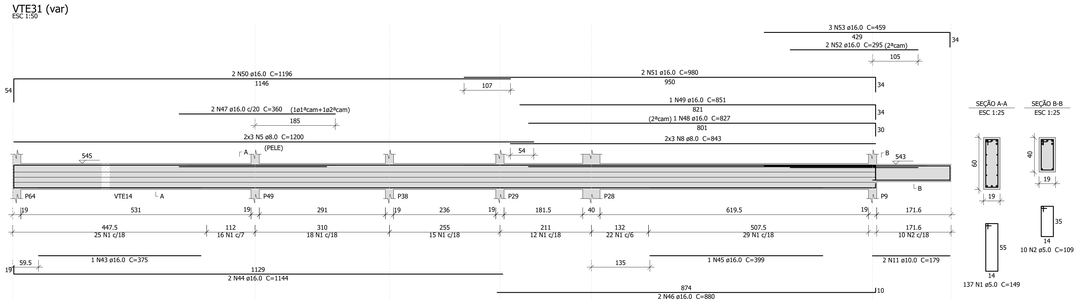
VTE29 (19 x 60)
ESC 1:50



VTE30 (19 x 60)
ESC 1:50

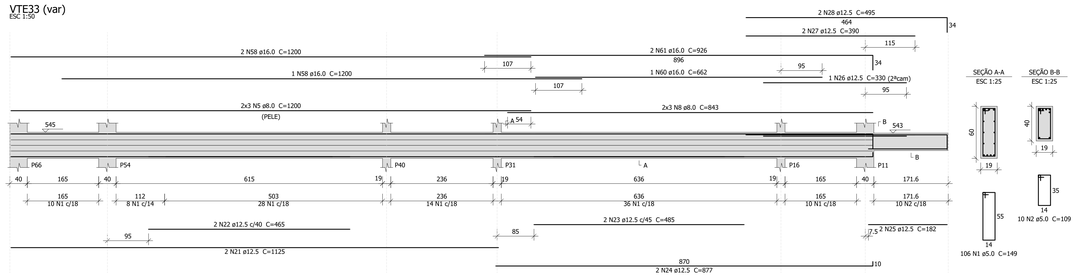


VTE31 (var)
ESC 1:50

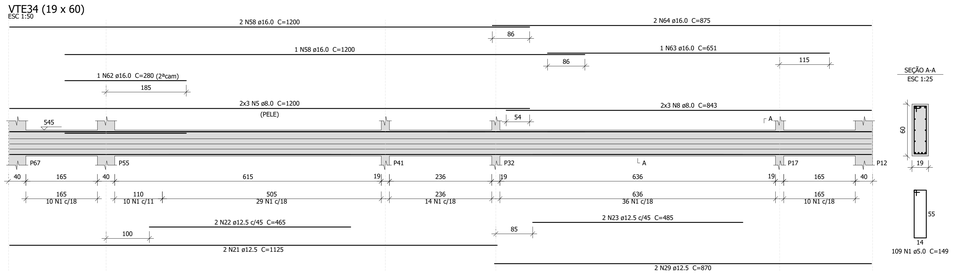


VTE32 (19 x 60)
ESC 1:50

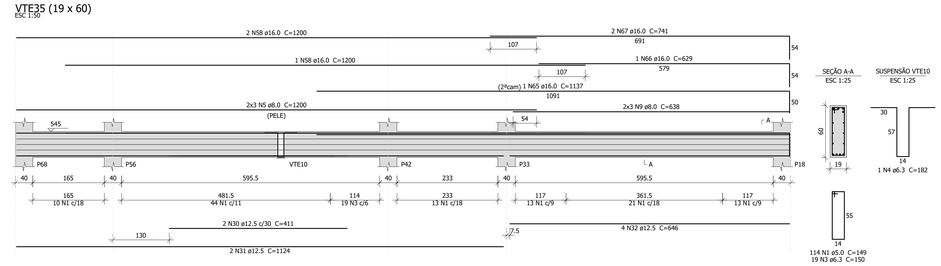
VTE33 (var)
ESC 1:50



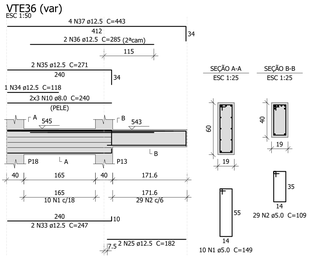
VTE34 (19 x 60)
ESC 1:50



VTE35 (19 x 60)
ESC 1:50



VTE36 (var)
ESC 1:50



R01	DIVISÃO DAS FASES	18/03/2026
R00	EMISSÃO INICIAL	12/02/2026
Nº	DESCRIÇÃO	DATA

OBS.: TODAS AS MEDIDAS DEVEM SER CONFERIDAS EM OBRA. CASO SEJA NECESSÁRIO ALGUMA ALTERAÇÃO, ENTRAR EM CONTATO COM O PROJETISTA RESPONSÁVEL.

ASSINATURAS

CLIENTE:

PREFEITURA MUNICIPAL DE GOVERNADOR CELSO RAMOS
82.882.375/0001-66

RESPONSÁVEL TÉCNICO:

MARCO AURELIO SACENTI:04158791910 Assinado de forma digital por MARCO AURELIO SACENTI:04158791910 Dados: 2026.03.19 15:27:27 -03'00'

MARCO AURÉLIO SACENTI
CREA/SC 082270-7

ESTRUTURAL

ENGEPLANTI
PROJETOS E SUPERVISÃO

Engeplanti Consultoria LTDA./ CREA nº 163388-0 / CNPJ 23.002.667/0001-29
Rua Cristovão Nunes Pires, 110 - CEP 88010-120 - Florianópolis / Fone: (48) 3364-2209 / e-mail: projetos@engeplanti.com.br

OBRA:
CEI DULCE GODINHO NAZÁRIO

INSCRIÇÃO IMOBILIÁRIA:

ENDEREÇO:
RUA SÃO PEDRO, CANTO DOS GANCHOS, GOVERNADOR CELSO RAMOS/SC

CONTEÚDO:
DETALHAMENTO VIGAS TÉRREO 3-3
EDIFICAÇÃO PRINCIPAL (100)

ESCALA: INDICADA

ETAPA: PROJETO EXECUTIVO

PRANCHA: EST 23/35

ARQUIVO:
029-23-29-CEI DULCE-EST-PE-123-DETALHAMENTO VIGAS TERREO 3-3-R01.dwg