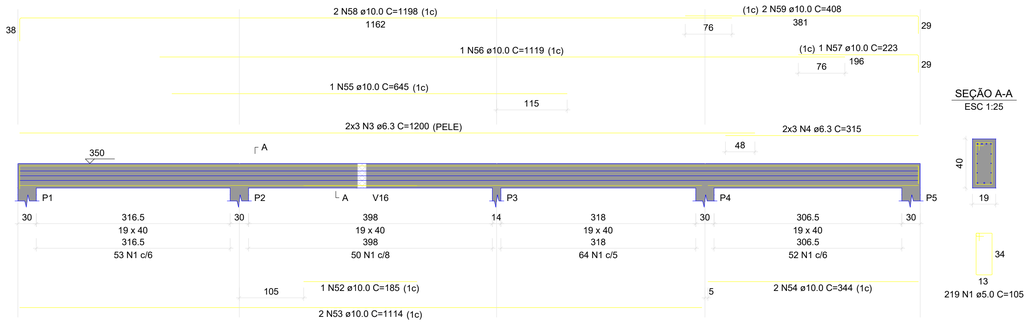
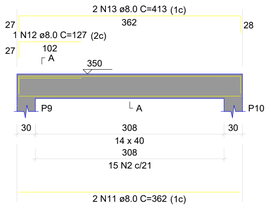
V1
ESC 1:50

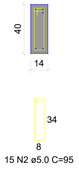


SEÇÃO A-A
ESC 1:25

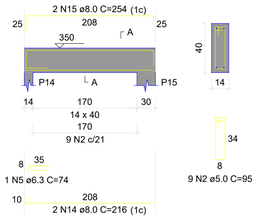
V2
ESC 1:50



SEÇÃO A-A
ESC 1:25

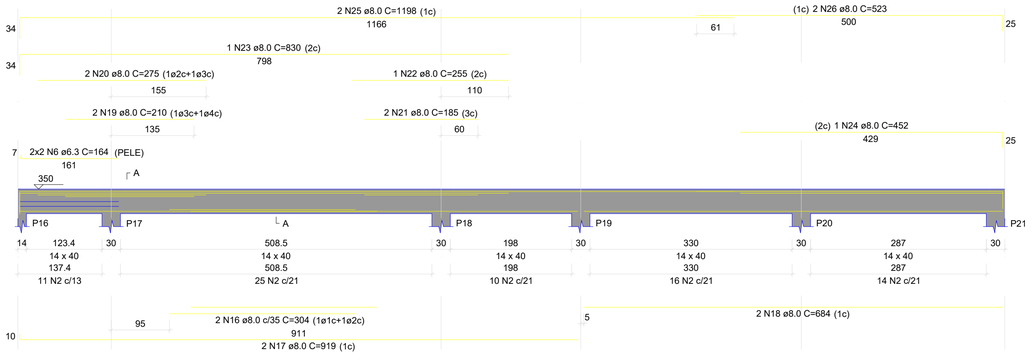


V3
ESC 1:50

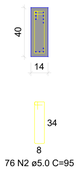


SEÇÃO A-A
ESC 1:25

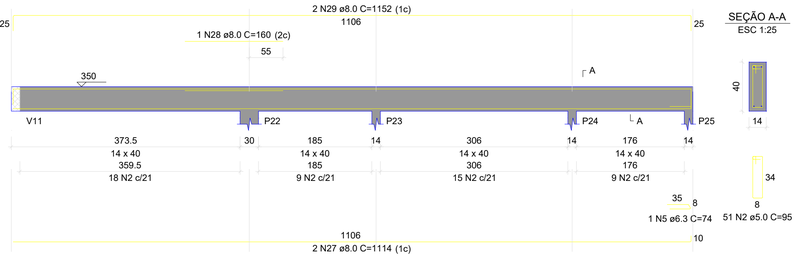
V4
ESC 1:50



SEÇÃO A-A
ESC 1:25

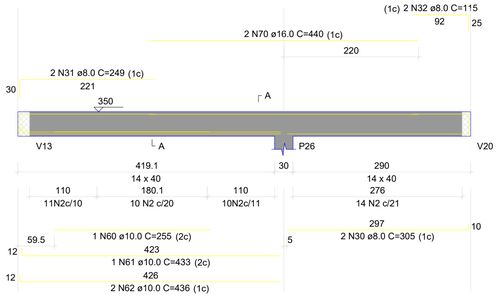


V5
ESC 1:50

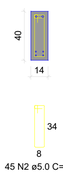


SEÇÃO A-A
ESC 1:25

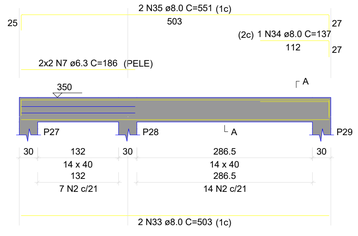
V6
ESC 1:50



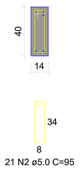
SEÇÃO A-A
ESC 1:25



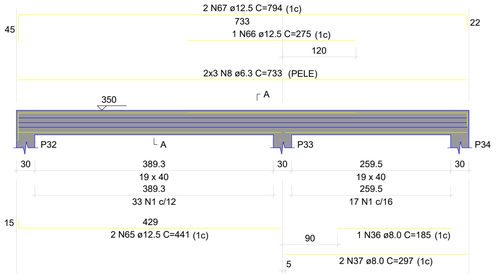
V7
ESC 1:50



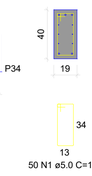
SEÇÃO A-A
ESC 1:25



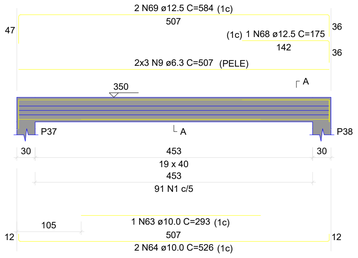
V8
ESC 1:50



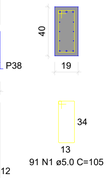
SEÇÃO A-A
ESC 1:25



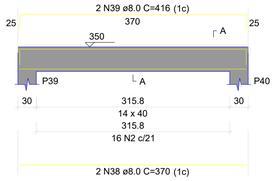
V9
ESC 1:50



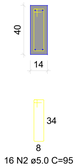
SEÇÃO A-A
ESC 1:25



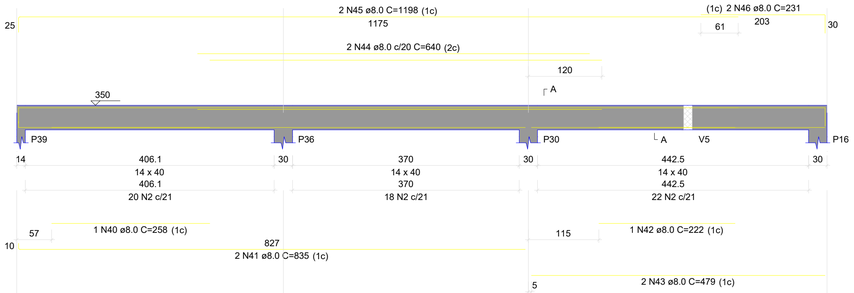
V10
ESC 1:50



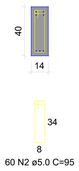
SEÇÃO A-A
ESC 1:25



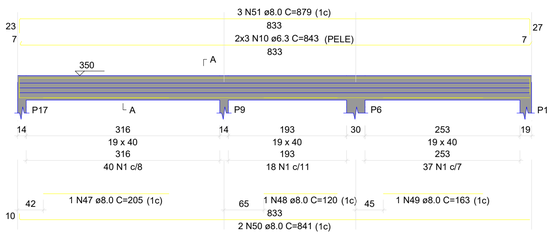
V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



V12
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7 V8 V9
V10 V11 V12

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	455	105	47775
	2	5.0	293	95	27835
CA50	3	6.3	6	1200	7200
	4	6.3	6	315	1890
	5	6.3	2	74	148
	6	6.3	4	164	656
	7	6.3	4	186	744
	8	6.3	6	733	4398
	9	6.3	6	507	3042
	10	6.3	6	843	5058
	11	8.0	2	362	724
	12	8.0	1	127	127
	13	8.0	2	413	826
	14	8.0	2	216	432
	15	8.0	2	254	508
	16	8.0	2	304	608
	17	8.0	2	919	1838
	18	8.0	2	684	1368
	19	8.0	2	210	420
	20	8.0	2	275	550
	21	8.0	2	185	370
	22	8.0	1	255	255
	23	8.0	1	830	830
	24	8.0	1	452	452
	25	8.0	2	1198	2396
	26	8.0	2	523	1046
	27	8.0	2	1114	2228
	28	8.0	1	160	160
	29	8.0	2	1152	2304
	30	8.0	2	305	610
	31	8.0	2	249	498
	32	8.0	2	115	230
	33	8.0	2	503	1006
	34	8.0	1	137	137
	35	8.0	2	551	1102
	36	8.0	1	185	185
	37	8.0	2	297	594
	38	8.0	2	370	740
	39	8.0	2	416	832
	40	8.0	1	258	258
	41	8.0	2	835	1670
	42	8.0	1	222	222
	43	8.0	2	479	958
	44	8.0	2	640	1280
	45	8.0	2	1198	2396
	46	8.0	2	231	462
	47	8.0	1	205	205
	48	8.0	1	120	120
	49	8.0	1	163	163
	50	8.0	2	841	1682
	51	8.0	3	879	2637
	52	10.0	1	185	185
	53	10.0	2	1114	2228
	54	10.0	2	344	688
	55	10.0	1	645	645
	56	10.0	1	1119	1119
	57	10.0	1	223	223
	58	10.0	2	1198	2396
	59	10.0	2	408	816
	60	10.0	1	255	255
	61	10.0	1	433	433
	62	10.0	2	436	872
	63	10.0	1	293	293
	64	10.0	2	526	1052
	65	12.5	2	441	882
	66	12.5	1	275	275
	67	12.5	2	794	1588
	68	12.5	1	175	175
	69	12.5	2	584	1168
	70	16.0	2	440	880

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	231.4	62.3
	8.0	354.3	153.8
	10.0	112	76
	12.5	40.9	43.3
	16.0	8.8	15.3
CA60	5.0	756.1	128.2

PESO TOTAL (kg)	
CA50	350.6
CA60	128.2

Volume de concreto (C-25) = 5.60 m³
Área de forma = 57.18 m²

ERIC DOUGLAS TEODORO DE SOUZA
ENGENHEIRO CIVIL
CREA 5070839806

CONSTRUÇÃO - COZINHA PILOTO DE RIBEIRÃO CORRENTE

ESTRUTURAL - VIGAS DE COBERTURA 1