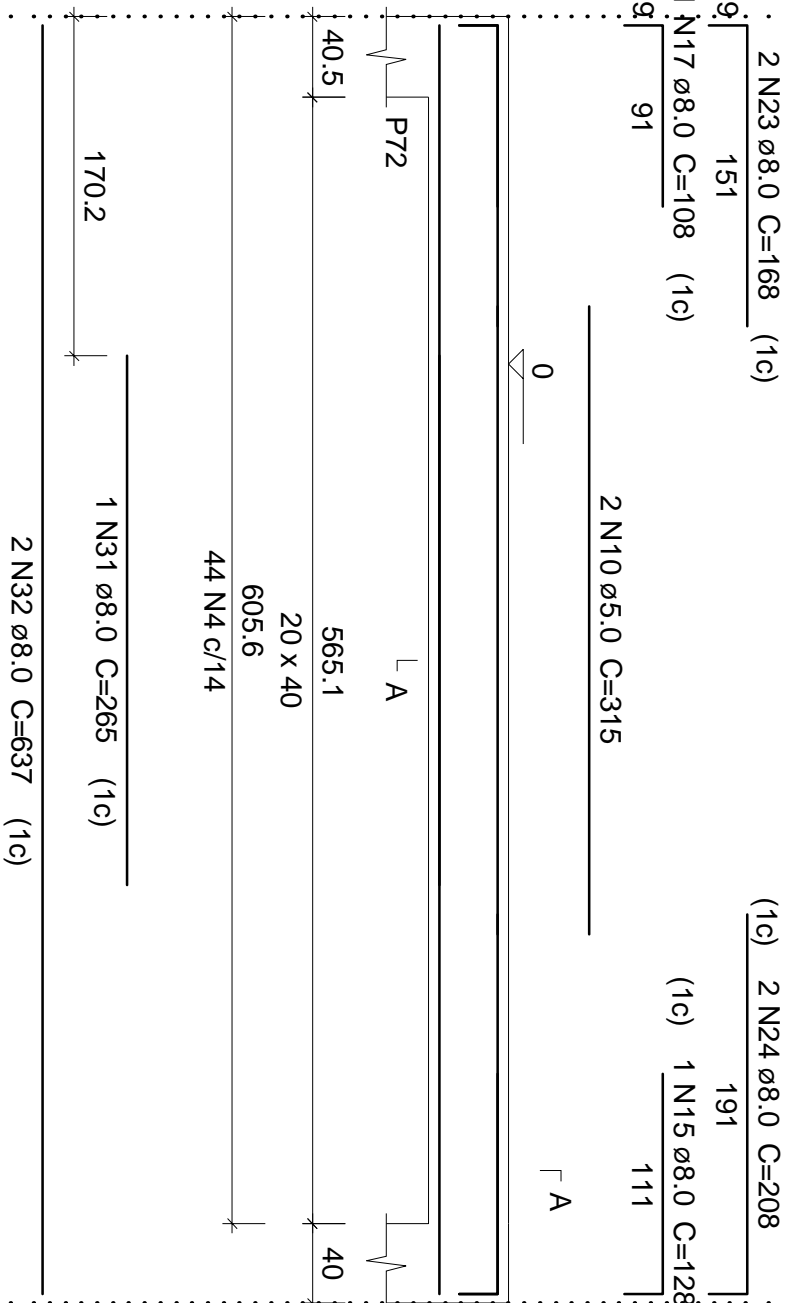


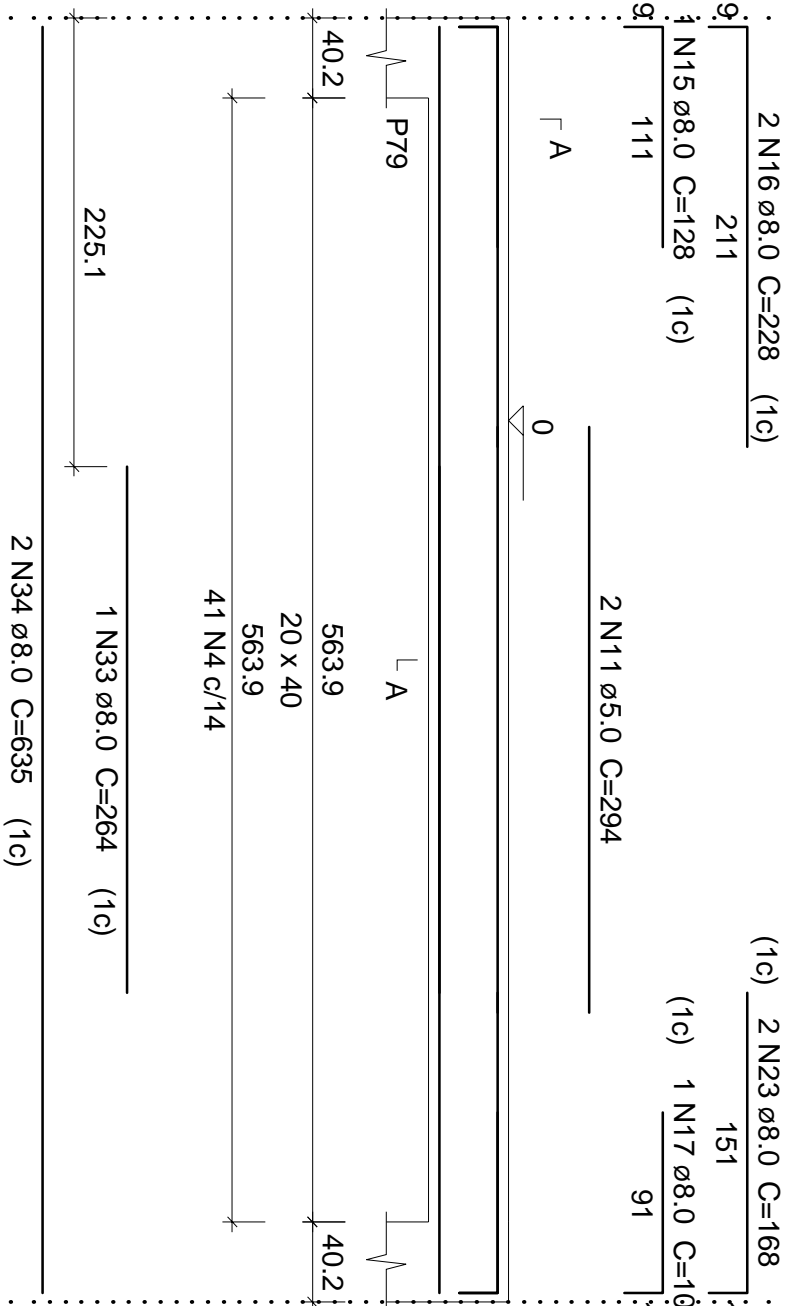
V108

ESC 1:50



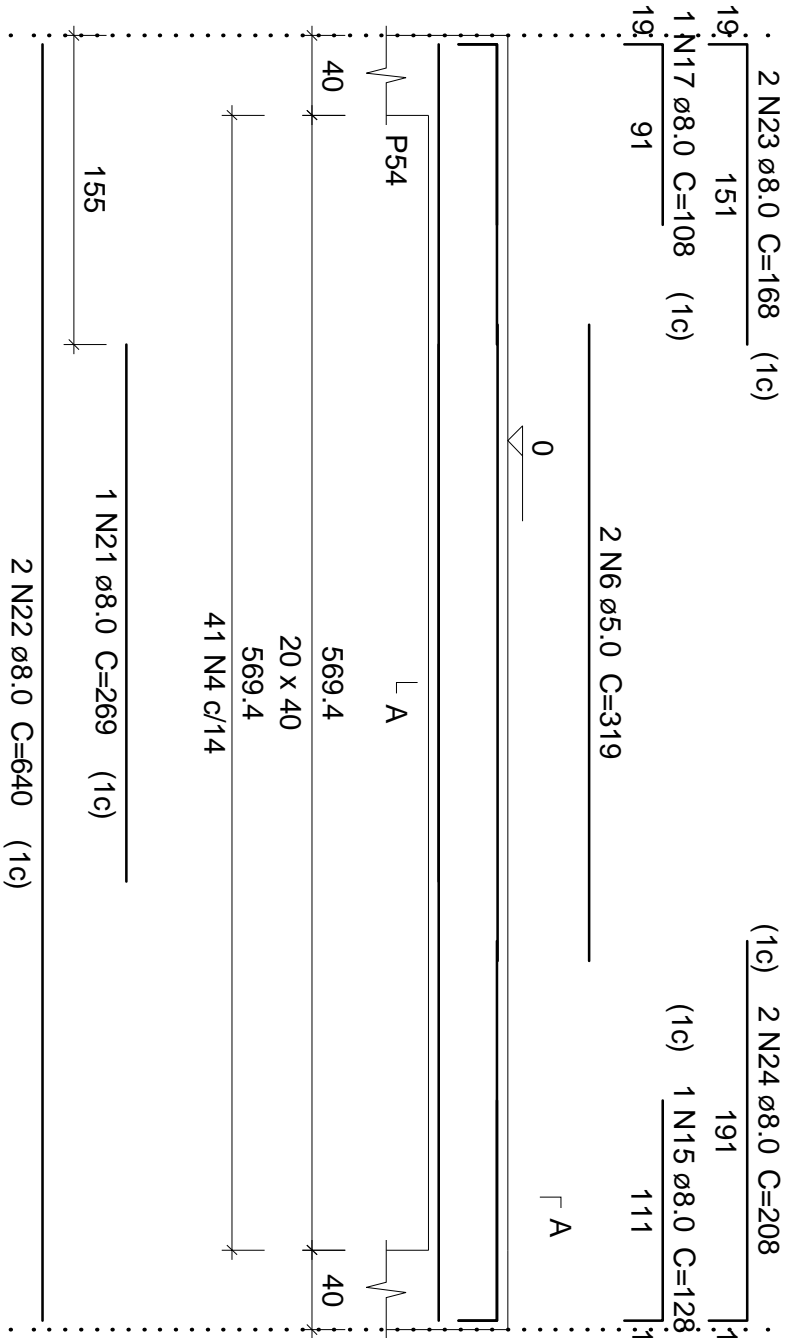
V109

ESC 1:50



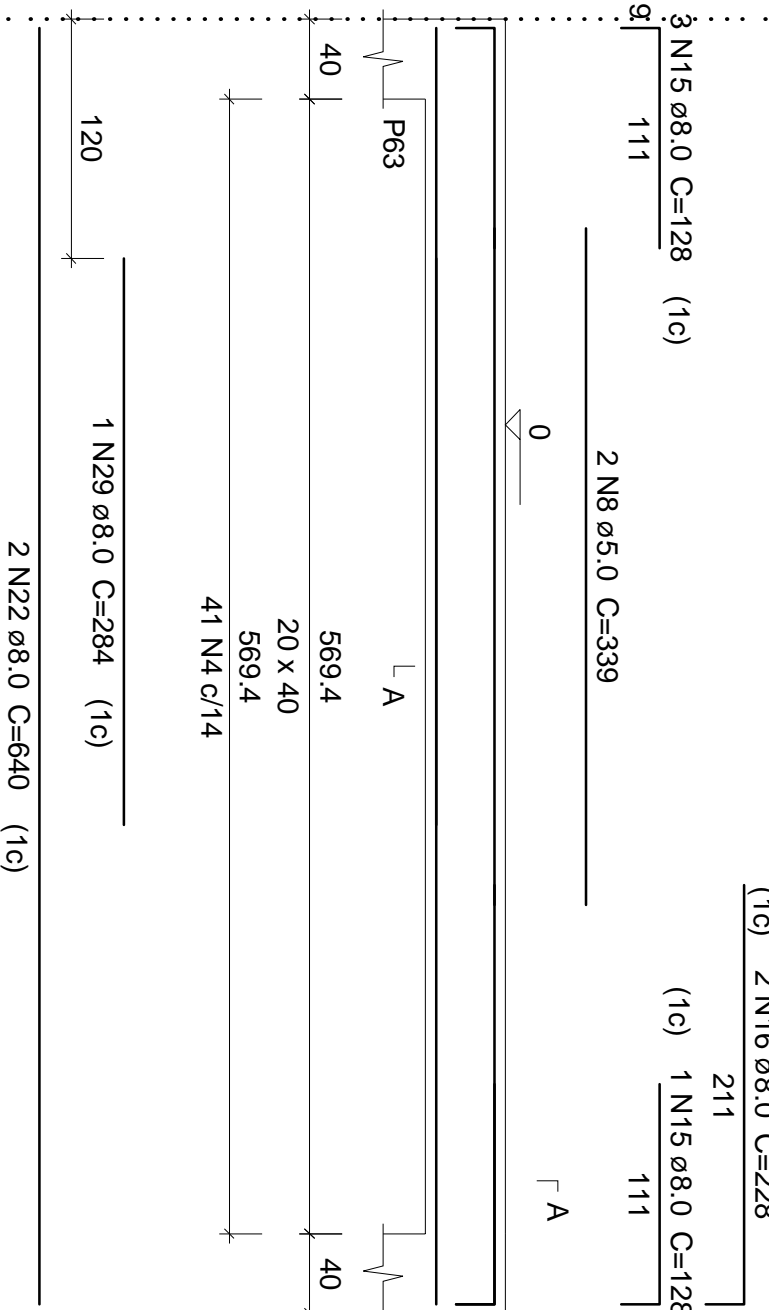
V104

ESC 1:50

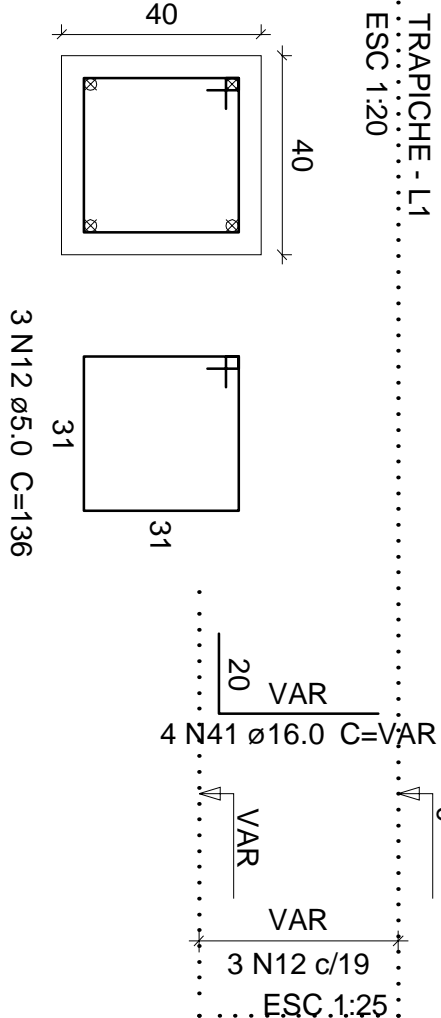


V106

ESC 1:50

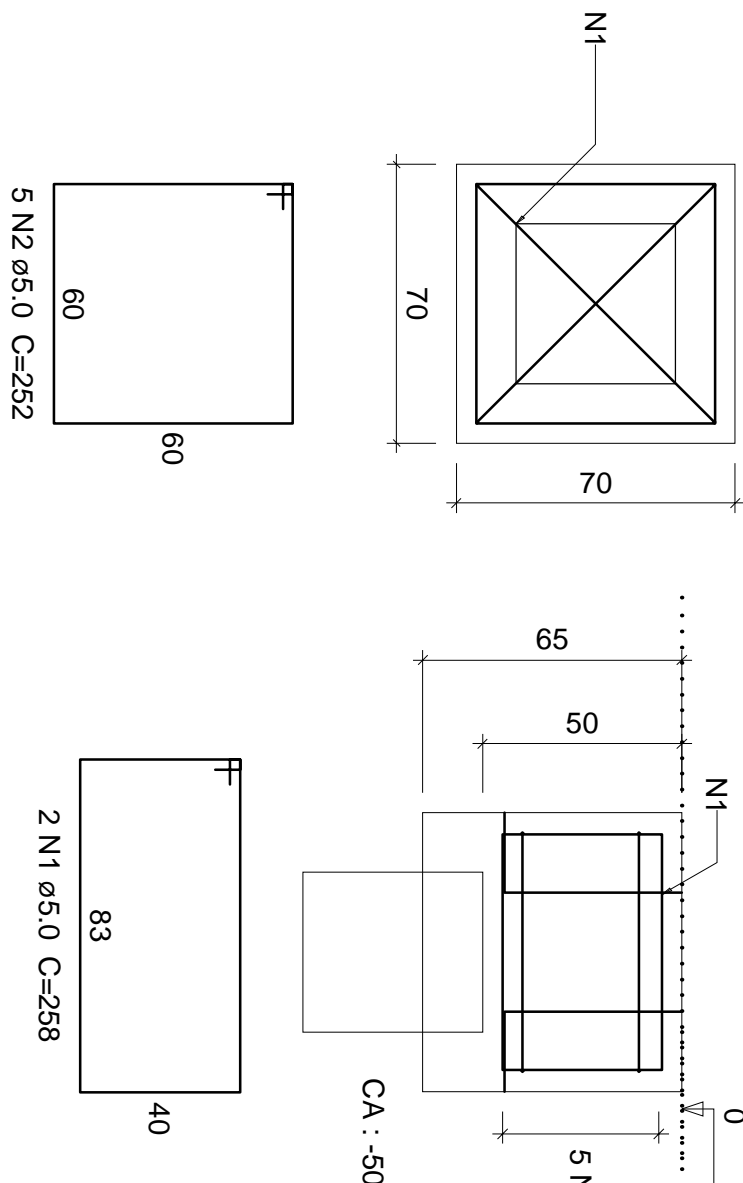


P2=P4=P5=P6=P7=P10=P11=P14=P15=
=P29=P30=P97=P98



B1=B2=B3=B4=B5=B6=B7=B8=B9=B10=B11=B14
=B15=B29=B30=B89=B97=B98

1xR40
PLANTA
ESC 1:25



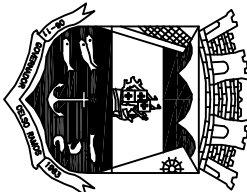
ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	264.6	114.8
CA50	10.0	27.9	18.9
CA60	16.0	190.4	330.6
CA60	5.0	2459	416.9
PESO TOTAL (kg)			

Volume de concreto (C-35) = 26.8 m³
Volume de concreto (C-40) = 12.53 m³
Área de forma = 305.26 m²

OBS: TODAS AS MEDIDAS DEVERÃO SER CONFERIDAS NO LOCAL

Resumo do aço

ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	182	258	46956
	2	5.0	455	252	114660
	3	5.0	2	283	566
	4	5.0	462	96	44352
	5	5.0	2	273	546
	6	5.0	2	319	638
	7	5.0	2	241	482
	8	5.0	2	339	678
	9	5.0	4	279	1116
	10	5.0	2	315	630
	11	5.0	2	294	588
	12	5.0	255	136	34680
	13	8.0	2	253	506
	14	8.0	2	644	1288
	15	8.0	11	128	1408
	16	8.0	10	228	2280
	17	8.0	7	108	756
	18	8.0	6	188	1128
	19	8.0	2	634	1268
	20	8.0	1	123	123
	21	8.0	1	269	269
	22	8.0	8	640	5120
	23	8.0	8	168	1344
	24	8.0	4	208	832
	25	8.0	1	234	234
	26	8.0	2	645	1290
	27	8.0	4	248	992
	28	8.0	3	210	630
	29	8.0	1	284	284
	30	8.0	1	259	259
	31	8.0	1	265	265
	32	8.0	2	637	1274
	33	8.0	2	264	528
	34	8.0	2	635	1270
	35	8.0	1	237	237
	36	8.0	2	638	1276
	37	8.0	2	250	250
	38	8.0	1	671	1342
	39	10.0	2	679	1358
	40	10.0	2	712	1424
	41	16.0	340	VAR	VAR



PREFEITURA MUNICIPAL DE GOV. CELSO RAMOS

OBRA:

REVITALIZAÇÃO DA ORLA DE GANCHOS DO MEIO - ESTRUTURAL

ENERGECO:

PRAIA DE GANCHOS DO MEIO

PROPRIETARIO:

PRANCHA:

PREFEITURA MUNICIPAL DE GOVERNADOR CELSO RAMOS

CNPJ 82.892.373/0001-89

AUTORES DO PROJETO:

DESENHO CAD:

ISMAR DA COSTA MEDEIROS
ARQUITETO DA PREFEITURA / CAD/ISC. A7918-9

ISMAR

ESCALA:

INDICADA

ASSINTO:

- ESTRUTURAL VIGAS E BLOCOS

DATA: MARÇO/2017

08