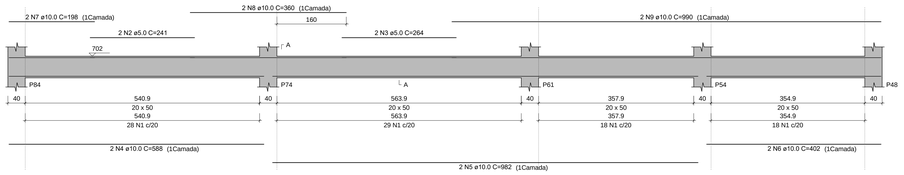
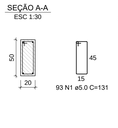
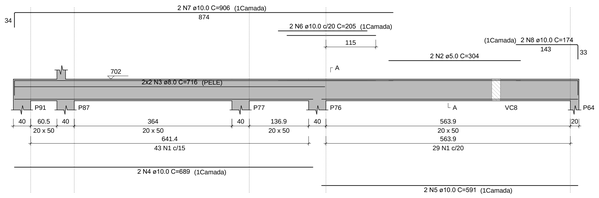
VC14 (20 x 50)
ESC 1:50



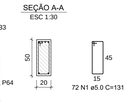
SEÇÃO A-A
ESC 1:30



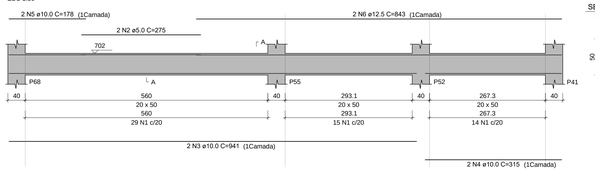
VC16 (20 x 50)
ESC 1:50



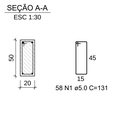
SEÇÃO A-A
ESC 1:30



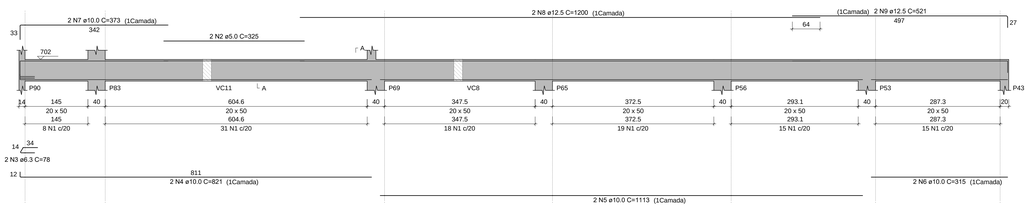
VC21 (20 x 50)
ESC 1:50



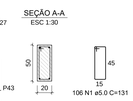
SEÇÃO A-A
ESC 1:30



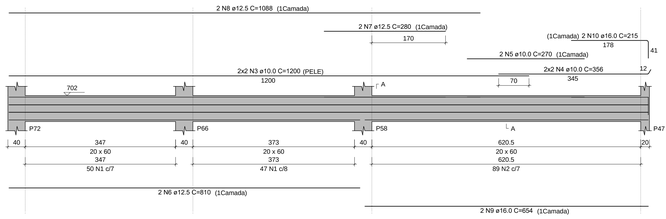
VC23 (20 x 50)
ESC 1:50



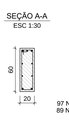
SEÇÃO A-A
ESC 1:30



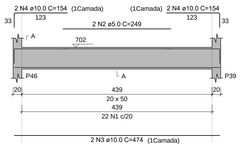
VC26 (20 x 60)
ESC 1:50



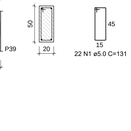
SEÇÃO A-A
ESC 1:30



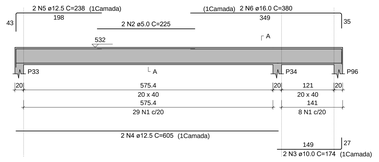
VC27 (20 x 50)
ESC 1:50



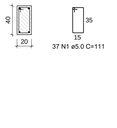
SEÇÃO A-A
ESC 1:30



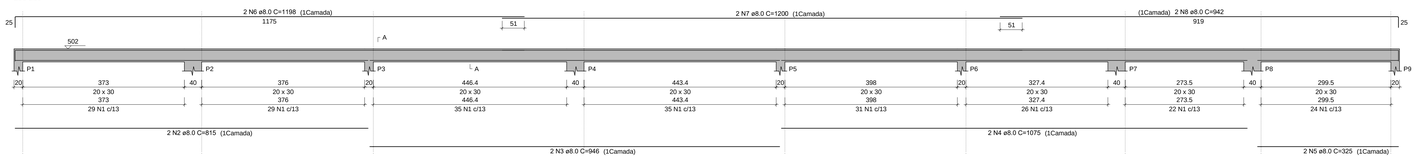
VIC3 (20 x 40)
ESC 1:50



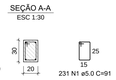
SEÇÃO A-A
ESC 1:30



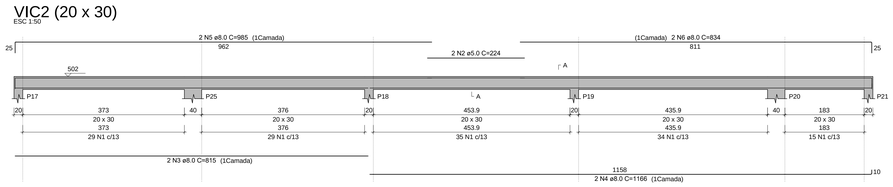
VIC1 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:30

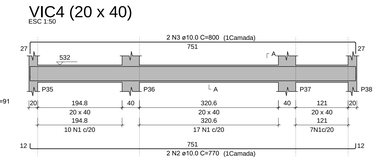


VIC2 (20 x 30)
ESC 1:50

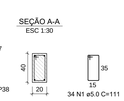


SEÇÃO A-A
ESC 1:30

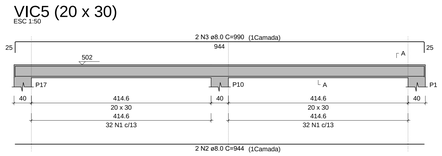
VIC4 (20 x 40)
ESC 1:50



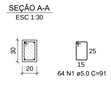
SEÇÃO A-A
ESC 1:30



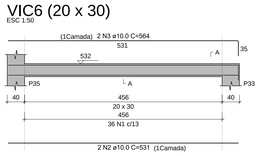
VIC5 (20 x 30)
ESC 1:50



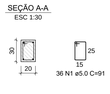
SEÇÃO A-A
ESC 1:30



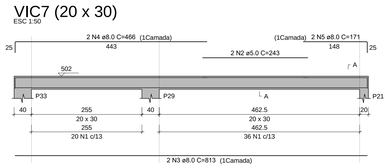
VIC6 (20 x 30)
ESC 1:50



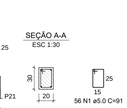
SEÇÃO A-A
ESC 1:30



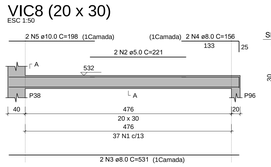
VIC7 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:30

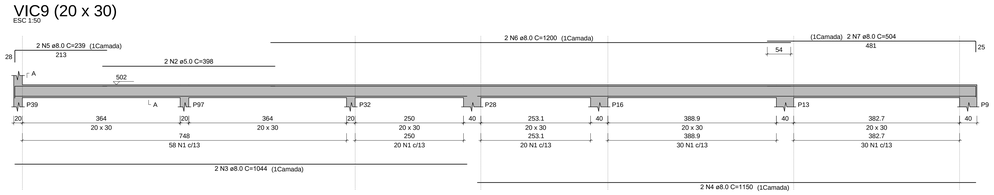


VIC8 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:30

VIC9 (20 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:30

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VC14	CA60	1	5.0	93	131	12183
	CA60	2	5.0	2	241	482
	CA60	3	5.0	2	264	528
	CA50	4	10.0	2	588	1176
	CA50	5	10.0	2	982	1964
	CA50	6	10.0	2	402	804
	CA50	7	10.0	2	198	396
	CA50	8	10.0	2	360	720
	CA50	9	10.0	2	990	1980
VC16	CA60	1	5.0	72	131	9432
	CA60	2	5.0	2	304	608
	CA50	3	8.0	4	716	2864
	CA50	4	10.0	2	689	1378
	CA50	5	10.0	2	591	1182
	CA50	6	10.0	2	205	410
	CA50	7	10.0	2	906	1812
	CA50	8	10.0	2	174	348
VC21	CA60	1	5.0	58	131	7598
	CA60	2	5.0	2	275	550
	CA50	3	10.0	2	941	1882
	CA50	4	10.0	2	315	630
	CA50	5	10.0	2	178	356
	CA50	6	12.5	2	843	1686
VC23	CA60	1	5.0	106	131	13886
	CA60	2	5.0	2	325	650
	CA50	3	6.3	2	78	156
	CA50	4	10.0	2	821	1642
	CA50	5	10.0	2	1113	2226
	CA50	6	10.0	2	315	630
	CA50	7	10.0	2	373	746
	CA50	8	12.5	2	1200	2400
	CA50	9	12.5	2	521	1042
VC26	CA60	1	5.0	97	151	14647
	CA50	2	6.3	89	152	13528
	CA50	3	10.0	4	1200	4800
	CA50	4	10.0	4	356	1424
	CA50	5	10.0	2	270	540
	CA50	6	12.5	2	810	1620
	CA50	7	12.5	2	280	560
	CA50	8	12.5	2	1088	2176
	CA50	9	16.0	2	654	1308
	CA50	10	16.0	2	215	430
VC27	CA60	1	5.0	22	131	2882
	CA60	2	5.0	2	249	498
	CA50	3	10.0	4	474	1896
	CA50	4	10.0	4	1154	4616
VIC1	CA60	1	5.0	231	91	21021
	CA50	2	8.0	2	815	1630
	CA50	3	8.0	2	946	1892
	CA50	4	8.0	2	1075	2150
	CA50	5	8.0	2	325	650
	CA50	6	8.0	2	1198	2396
	CA50	7	8.0	2	1200	2400
	CA50	8	8.0	2	942	1884
VIC2	CA60	1	5.0	142	91	12922
	CA60	2	5.0	2	224	448
	CA50	3	8.0	2	815	1630
	CA50	4	8.0	2	1166	2332
	CA50	5	8.0	2	985	1970
	CA50	6	8.0	2	834	1668
VIC3	CA60	1	5.0	37	111	4107
	CA60	2	5.0	2	225	450
	CA50	3	10.0	2	174	348
	CA50	4	12.5	2	605	1210
	CA50	5	12.5	2	238	476
	CA50	6	16.0	2	380	760
VIC4	CA60	1	5.0	34	111	3774
	CA50	2	10.0	2	770	1540
	CA50	3	10.0	2	800	1600
VIC5	CA60	1	5.0	64	91	5824
	CA50	2	8.0	2	944	1888
	CA50	3	8.0	2	990	1980
VIC6	CA60	1	5.0	36	91	3276
	CA50	2	10.0	2	531	1062
	CA50	3	10.0	2	564	1128
VIC7	CA60	1	5.0	56	91	5096
	CA60	2	5.0	2	243	486
	CA50	3	8.0	2	813	1626
	CA50	4	8.0	2	466	932
	CA50	5	8.0	2	171	342
VIC8	CA60	1	5.0	37	91	3367
	CA60	2	5.0	2	221	442
	CA50	3	8.0	2	531	1062
	CA50	4	8.0	2	156	312
	CA50	5	10.0	2	198	396
VIC9	CA60	1	5.0	158	91	14378
	CA60	2	5.0	2	398	796
	CA50	3	8.0	2	1044	2088
	CA50	4	8.0	2	1150	2300
	CA50	5	8.0	2	239	478
	CA50	6	8.0	2	1200	2400
	CA50	7	8.0	2	504	1008

PROJETO ESTRUTURAL

OBRA: INSTITUCIONAL
ENDEREÇO: ACSU SE 60, CONJ. 2, LT. 03-A, AV. NS 02 (602 SUL) - PALMAS - TO

CLIENTE: FUNDAÇÃO PRÓ-TOCANTINS
CNPJ/CPF: 05.529.080/0001-90

AUTOR DO PROJETO: CALEB DIAS NAZARENO
ENGENHEIRO CIVIL
CREA: 110119/D-TO

ASSUNTO: - Vigas do pavimento COBERTURA - Folha 2

RESP. TÉCNICO: CALEB DIAS NAZARENO
ENGENHEIRO CIVIL
CREA: 110119/D-TO

REVISOR: REV. 001
DATA: AGOSTO/2020
ESCALA: INDICADA
FOLHA: 20/24