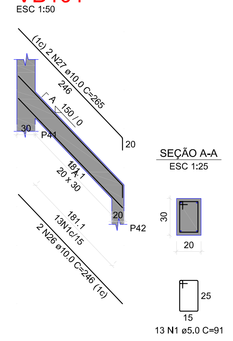
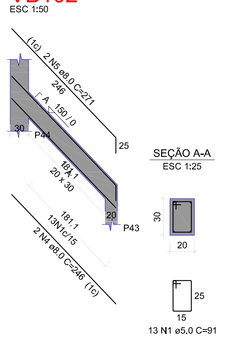
VII - VIGAS INTERMEDIÁRIAS DO GIGANTE

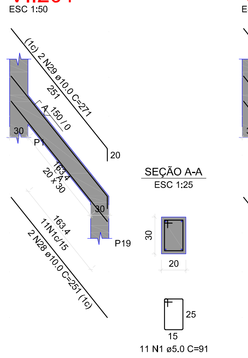
VB101
ESC 1:50



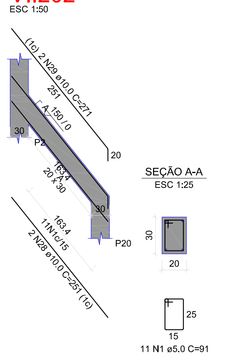
VB102
ESC 1:50



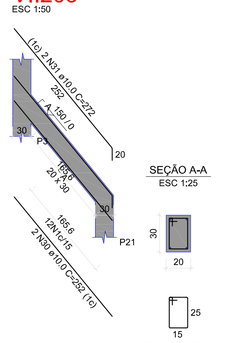
VII201
ESC 1:50



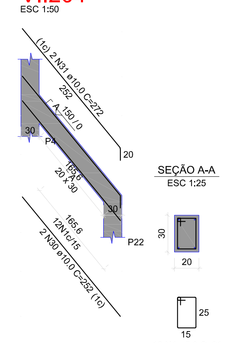
VII202
ESC 1:50



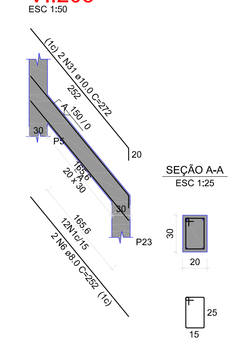
VII203
ESC 1:50



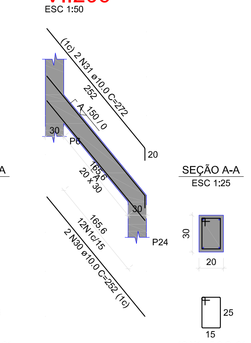
VII204
ESC 1:50



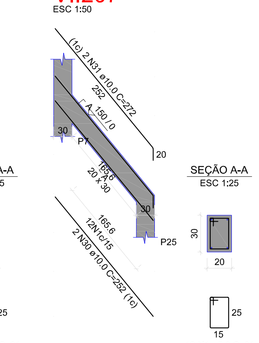
VII205
ESC 1:50



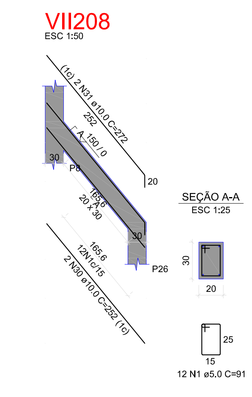
VII206
ESC 1:50



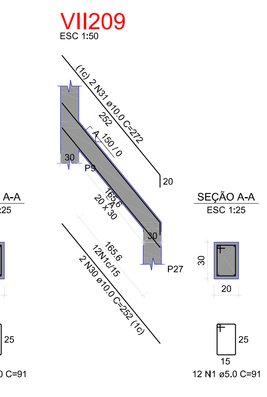
VII207
ESC 1:50



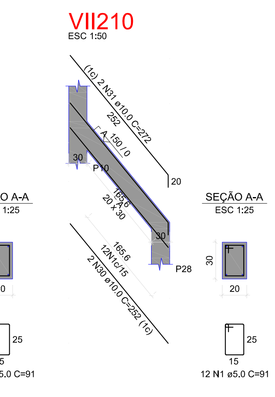
VII208
ESC 1:50



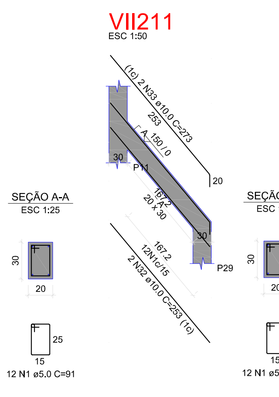
VII209
ESC 1:50



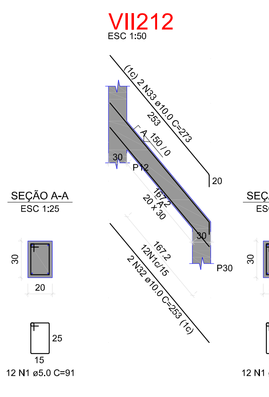
VII210
ESC 1:50



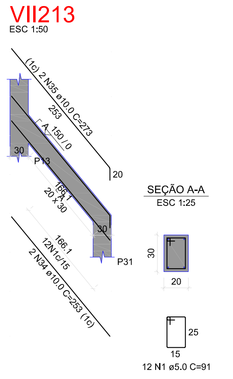
VII211
ESC 1:50



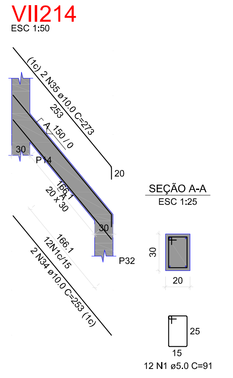
VII212
ESC 1:50



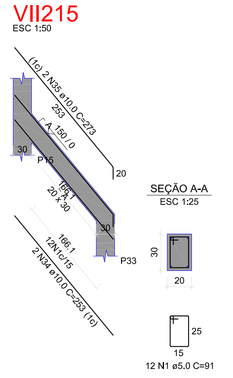
VII213
ESC 1:50



VII214
ESC 1:50

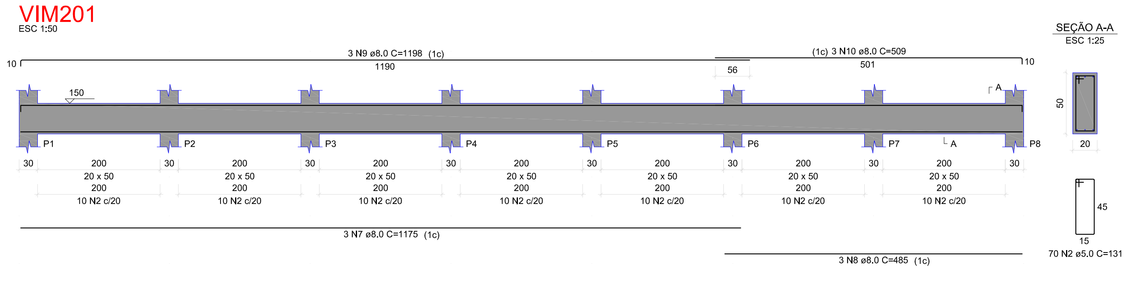


VII215
ESC 1:50

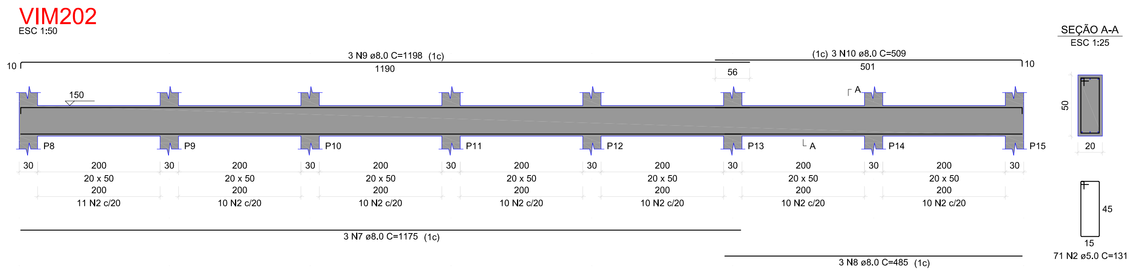


VIM - VIGAS INTERMEDIÁRIAS DO MURO

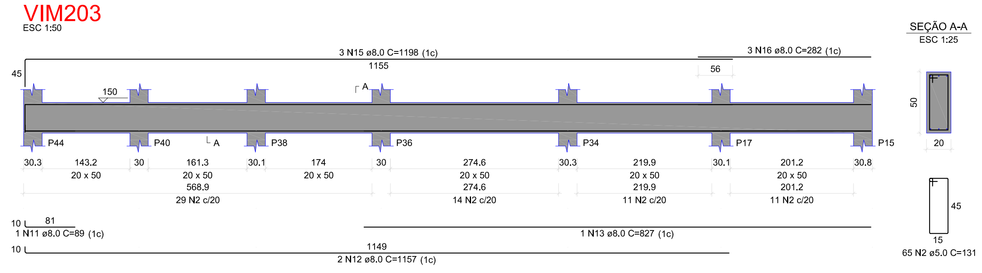
VIM201
ESC 1:50



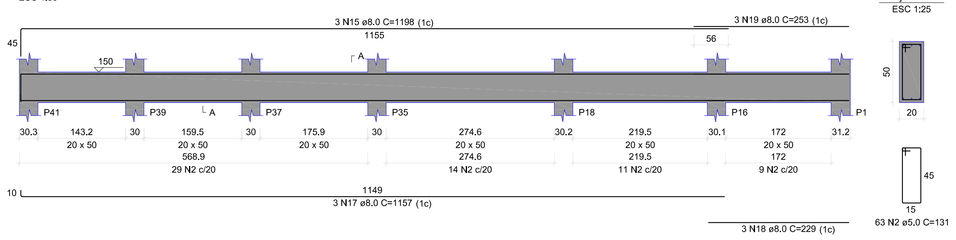
VIM202
ESC 1:50



VIM203
ESC 1:50

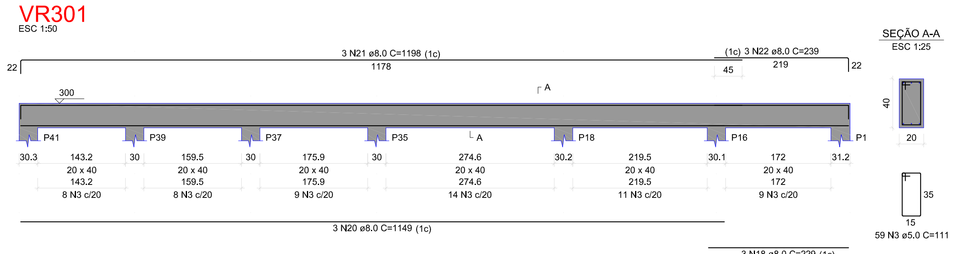


VIM204
ESC 1:50

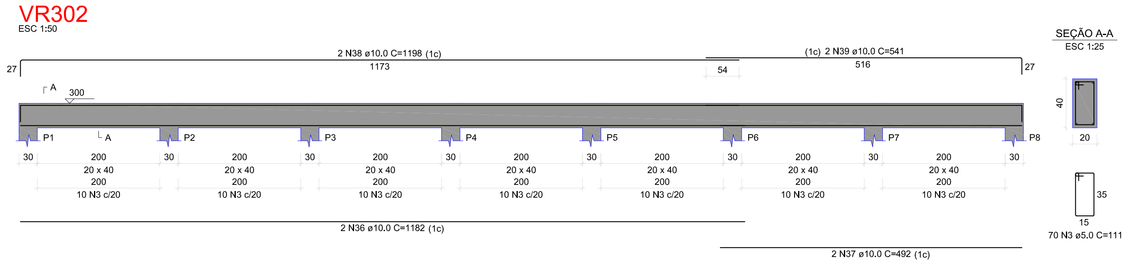


VR - VIGAS DE RESPALDO DO MURO

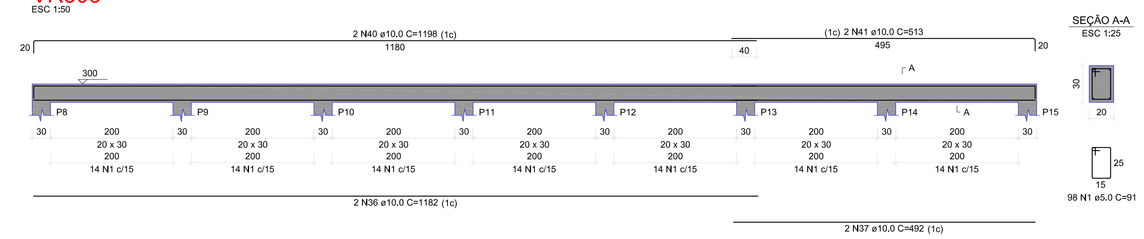
VR301
ESC 1:50



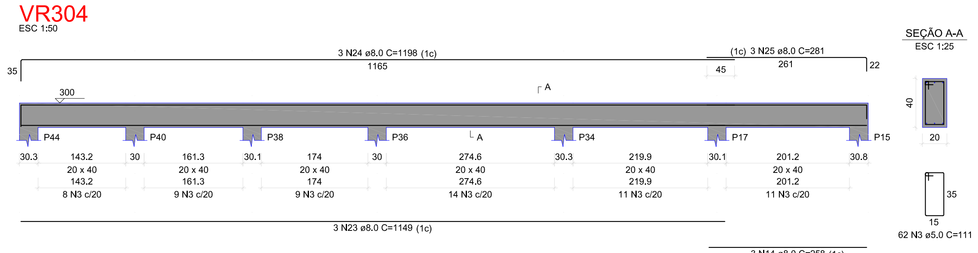
VR302
ESC 1:50



VR303
ESC 1:50



VR304
ESC 1:50



RELAÇÃO DO AÇO

VB101	VB102	VII201
VII202	VII203	VII204
VII205	VII206	VII207
VII208	VII209	VII210
VII211	VII212	VII213
VII214	VII215	VIM201
VIM202	VIM203	VIM204
VR301	VR302	VR303
VR304		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	302	91	27482
	2	5,0	269	131	35239
	3	5,0	191	111	21201
CA50	4	8,0	2	246	492
	5	8,0	2	271	542
	6	8,0	2	252	504
	7	8,0	6	1175	7050
	8	8,0	6	485	2910
	9	8,0	6	1198	7188
	10	8,0	6	509	3054
	11	8,0	1	89	89
	12	8,0	2	1157	2314
	13	8,0	1	827	827
	14	8,0	5	258	1290
	15	8,0	6	1198	7188
	16	8,0	3	282	846
	17	8,0	3	1157	3471
	18	8,0	6	229	1374
	19	8,0	3	253	759
	20	8,0	3	1149	3447
	21	8,0	3	1198	3594
	22	8,0	3	239	717
	23	8,0	3	1149	3447
	24	8,0	3	1198	3594
	25	8,0	3	281	843
	26	10,0	2	246	492
	27	10,0	2	265	530
	28	10,0	2	252	504
	29	10,0	4	271	1084
	30	10,0	14	252	3528
	31	10,0	16	272	4352
	32	10,0	4	253	1012
	33	10,0	4	273	1092
	34	10,0	6	253	1518
	35	10,0	6	273	1638
	36	10,0	4	1182	4728
	37	10,0	4	492	1968
	38	10,0	2	1198	2396
	39	10,0	2	541	1082
	40	10,0	2	1198	2396
	41	10,0	2	513	1026

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8,0	555,4	241,1
	10,0	298,5	202,4
CA60	5,0	839,2	142,3
PESO TOTAL (kg)			
CA50	443,5		
CA60	142,3		

Volume de concreto (C-25) = 11,35 m³
Área de forma = 141,40 m²

PROJETO ESTRUTURAL

RESIDENCIAL

ARMADURAS - VIGAS INTERMEDIÁRIAS E DE RESPALDO

CONSTRUÇÃO DO TRANSBORDO MUNICIPAL

PREFEITURA MNUNICIPAL DE ARANDU

folha 1 / 1

REV. 0 - 18-05-2022