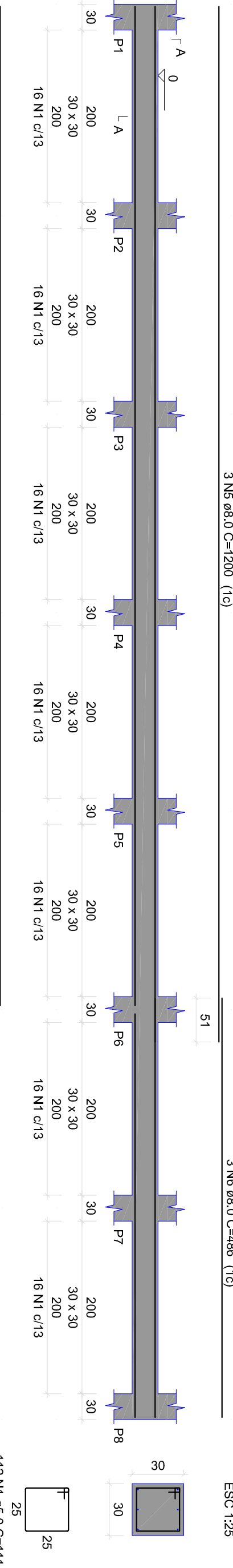


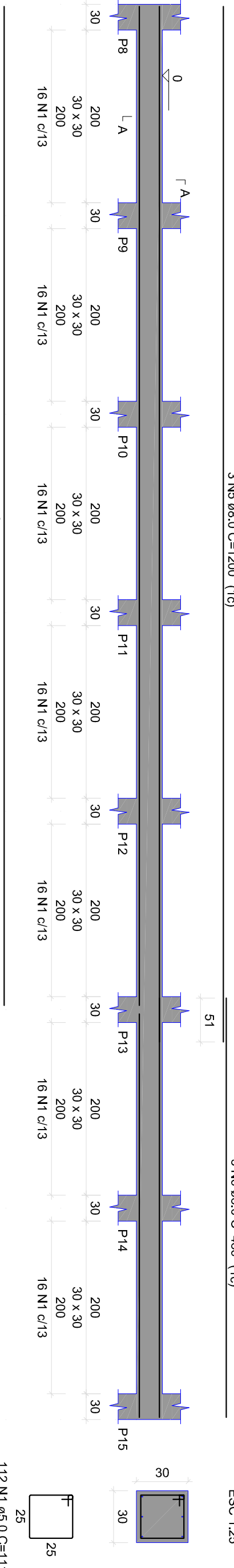
VB101



SEÇÃO A-A

ESC 1:25

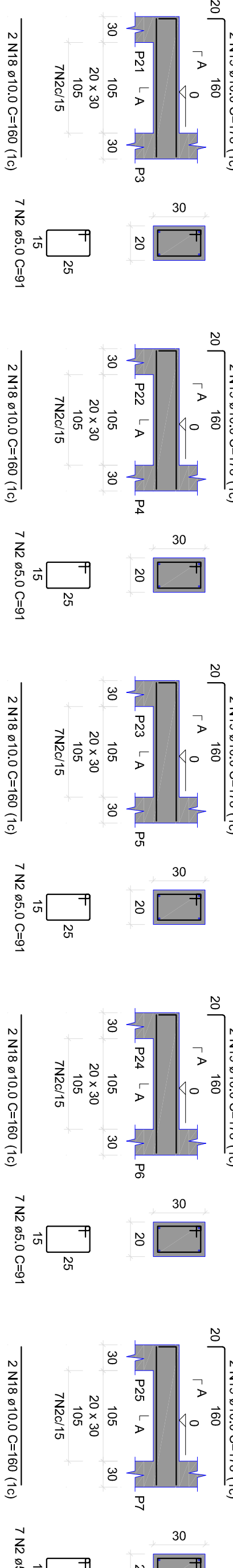
VB102



SEÇÃO A-A

ESC 1:25

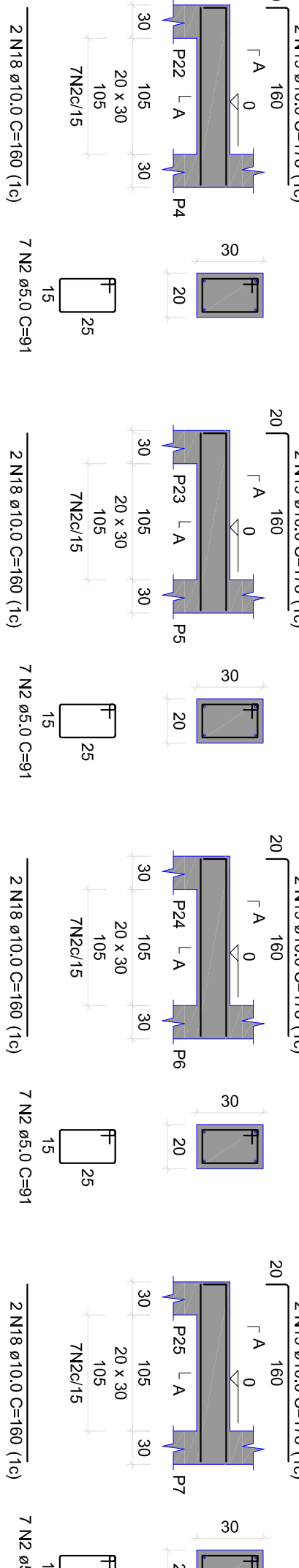
VB107



SEÇÃO A-A

ESC 1:25

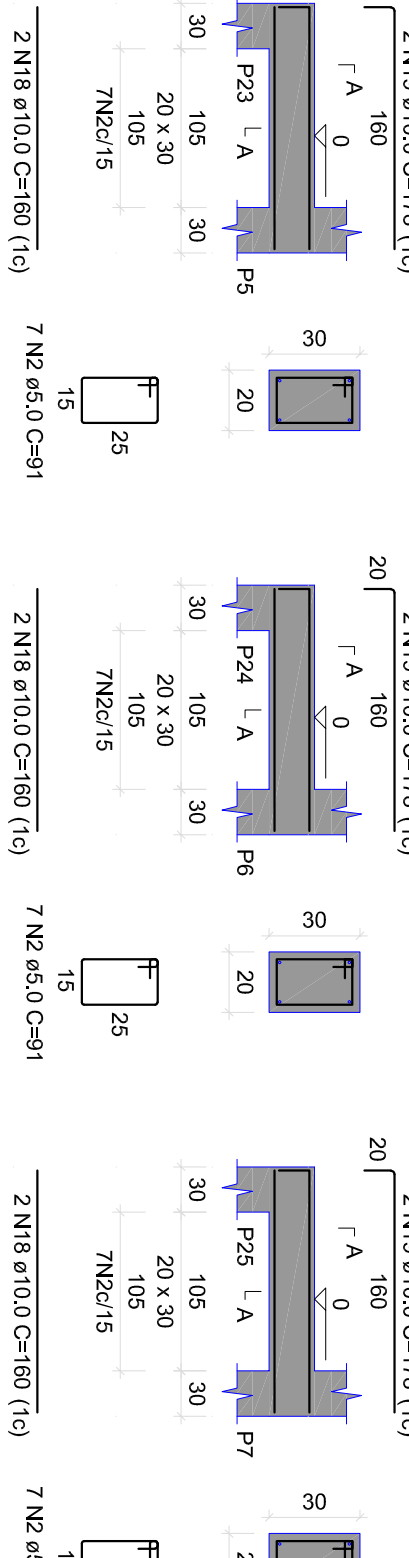
VB108



SEÇÃO A-A

ESC 1:25

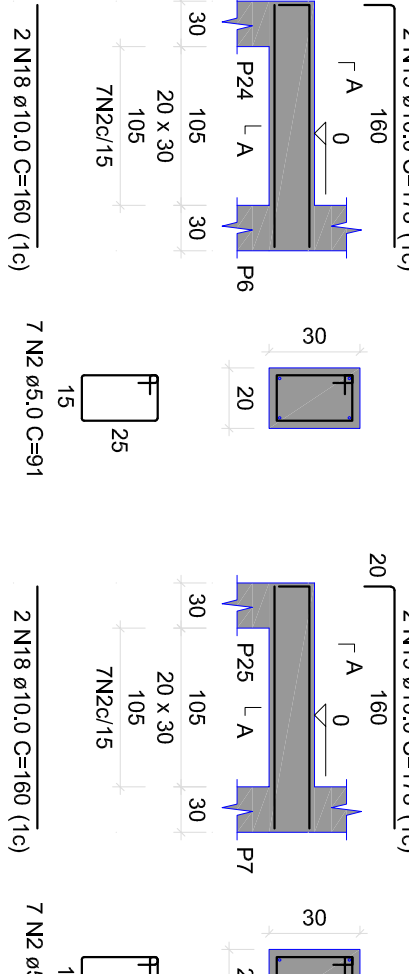
VB109



SEÇÃO A-A

ESC 1:25

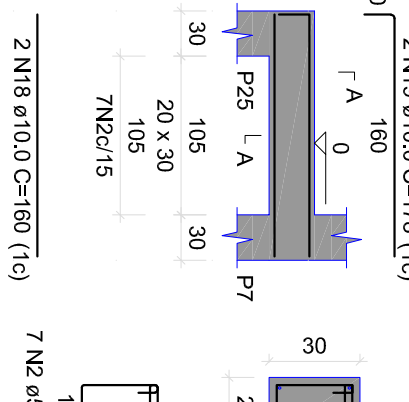
VB110



SEÇÃO A-A

ESC 1:25

VB111



SEÇÃO A-A

ESC 1:25

VB112



SEÇÃO A-A

ESC 1:25

VB113



SEÇÃO A-A

ESC 1:25

VB114



SEÇÃO A-A

ESC 1:25

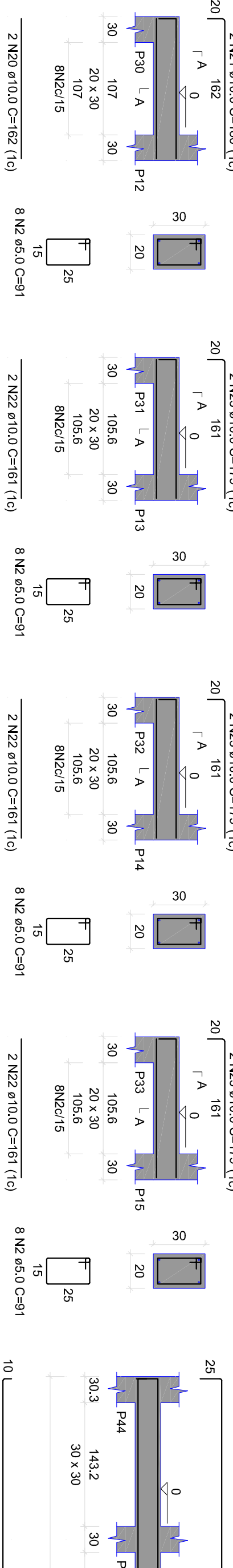
VB115



SEÇÃO A-A

ESC 1:25

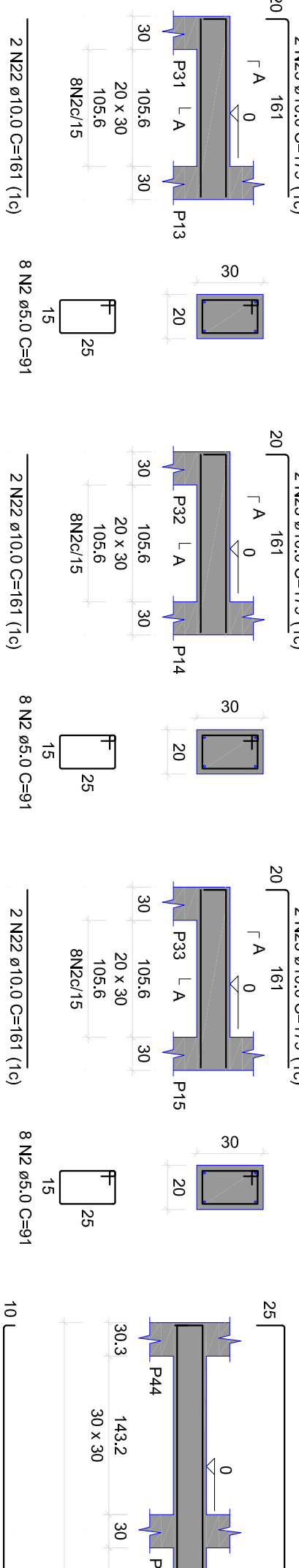
VB116



SEÇÃO A-A

ESC 1:25

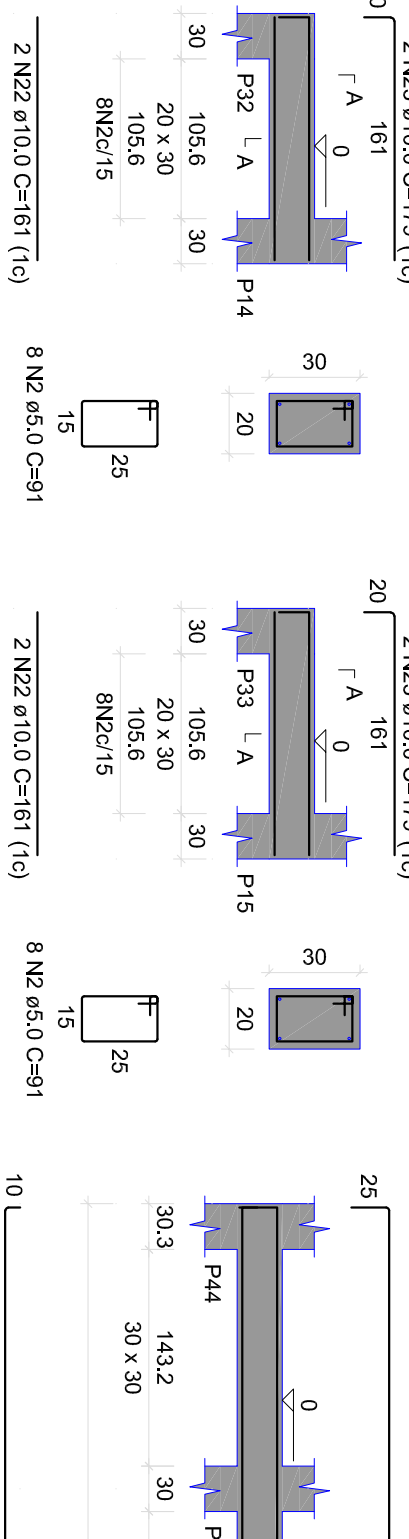
VB117



SEÇÃO A-A

ESC 1:25

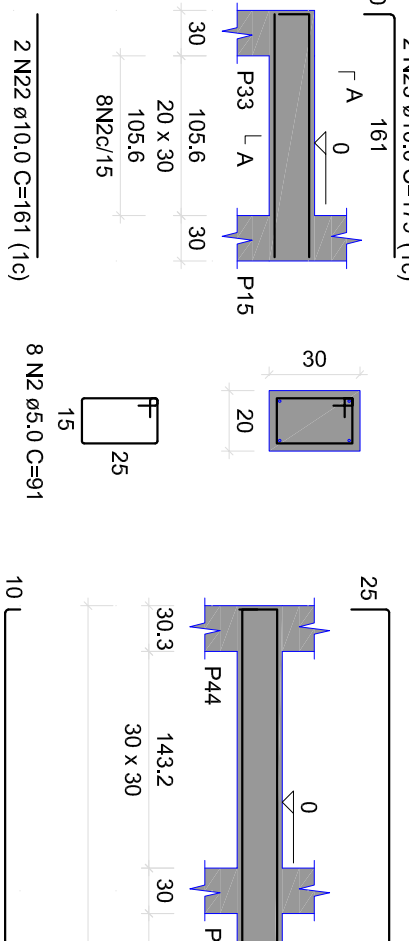
VB118



SEÇÃO A-A

ESC 1:25

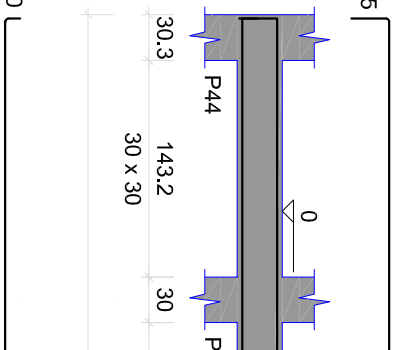
VB119



SEÇÃO A-A

ESC 1:25

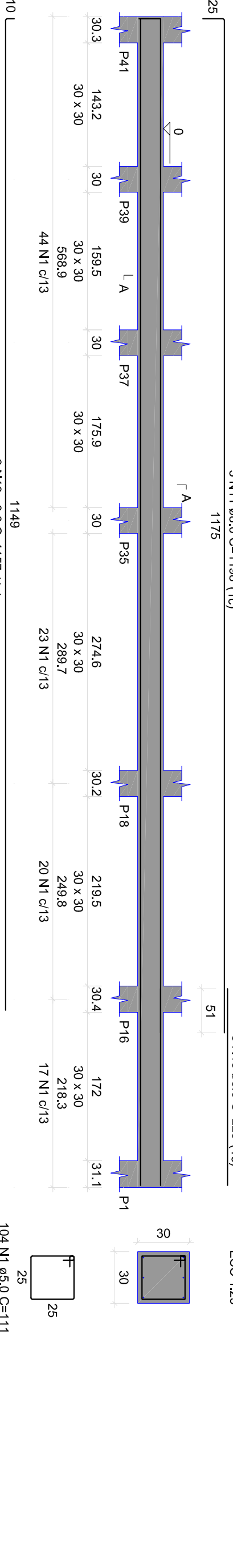
VB120



SEÇÃO A-A

ESC 1:25

VB121



SEÇÃO A-A

ESC 1:25

RELAÇÃO DO AÇO

ACO	N	DIM (mm)	QUANT	CUMUL	C.TOTAL (cm)
VB101	1	5.0	432	111	47552
VB102	3	8.0	176	16	2560
VB104	4	8.0	1159	6	6848
VB107	4	8.0	468	2808	2808
VB108	6	8.0	1200	6	7200
VB110	7	8.0	170	680	680
VB111	8	8.0	4	193	774
VB112	9	8.0	3	259	774
VB113	10	8.0	3	229	687
VB114	11	8.0	6	1198	7188
VB115	12	8.0	3	1159	3421
VB116	13	8.0	3	1159	3421
VB117	14	8.0	3	229	687
VB118	15	8.0	3	229	687
VB119	16	8.0	3	175	2560
VB120	17	10.0	16	160	2560
VB121	18	10.0	4	162	648
VB122	20	10.0	4	180	720
VB123	21	10.0	4	161	648
VB124	22	10.0	6	179	1074

RESUMO DO AÇO

ACO	DIM	C.TOTAL	PESO * 10%
CA50	8.0	383.2	168.6
CA60	5.0	101.4	68.8
PESO TOTAL	(kg)		101.1
CA50	235.4		
CA60	101.1		

Volume de concreto (C-25) = 6.02 m³  
Área de forma = 63.89 m²

PROJETO ESTRUTURAL

RESIDENCIAL

ARMADURAS - VIGAS DE FUNDAÇÃO

CONSTRUÇÃO DO TRANSBORDO MUNICIPAL

PREFEITURA MUNICIPAL DE ARANDU