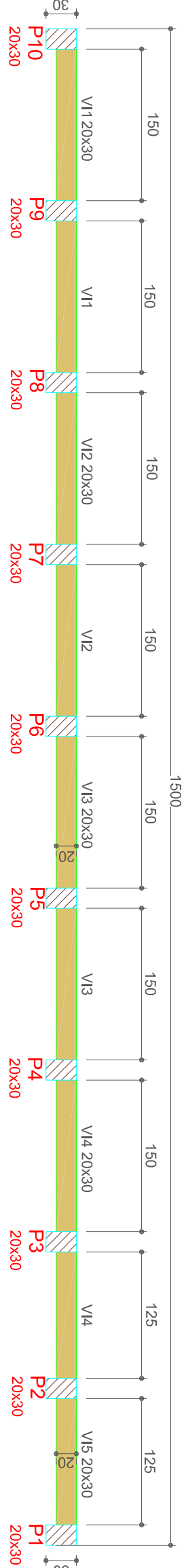
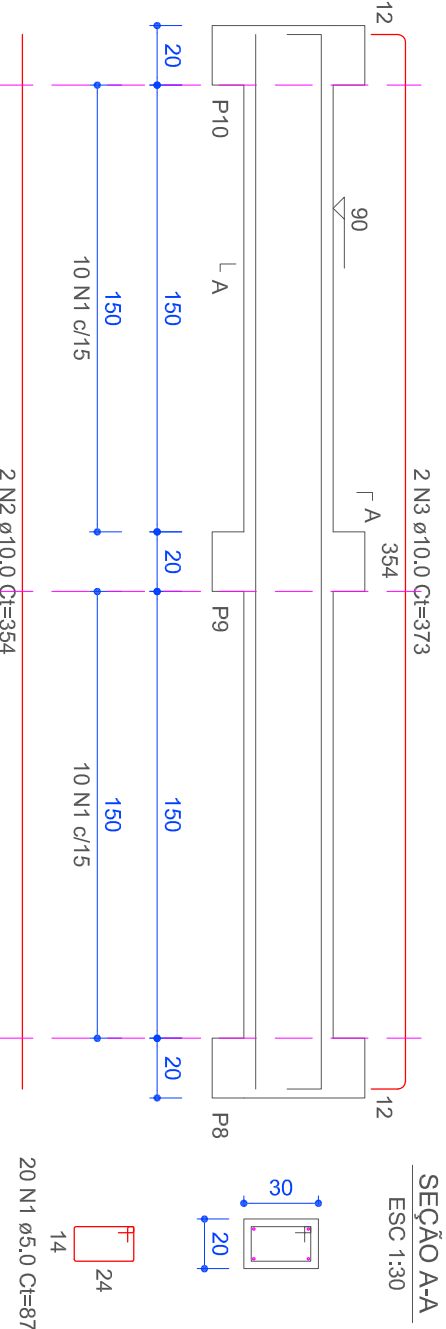


FORMA DAS VIGAS DO PAVIMENTO INTERMEDIÁRIO

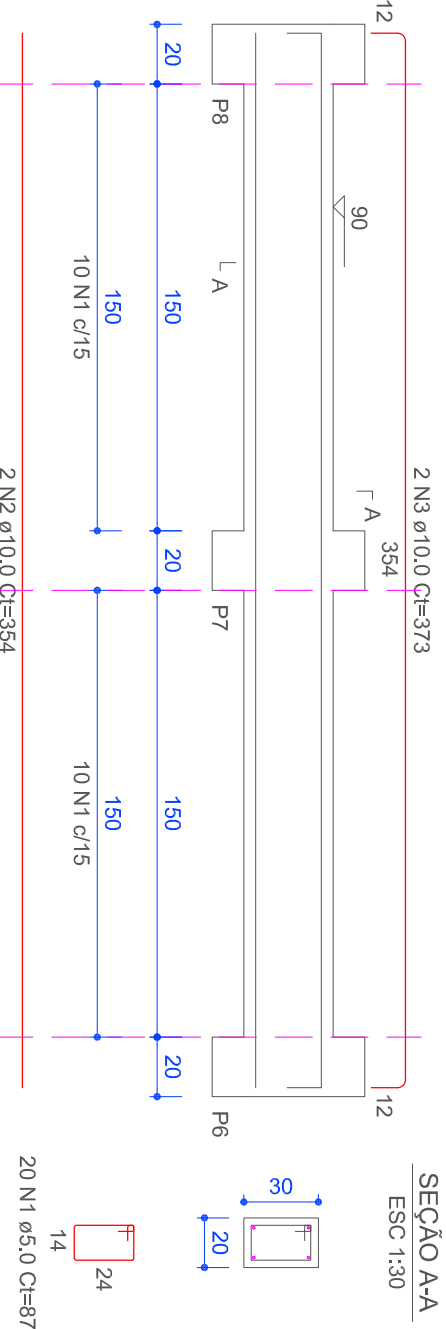


DETALHAMENTO DAS VIGAS NIVEL INTERMEDIÁRIO

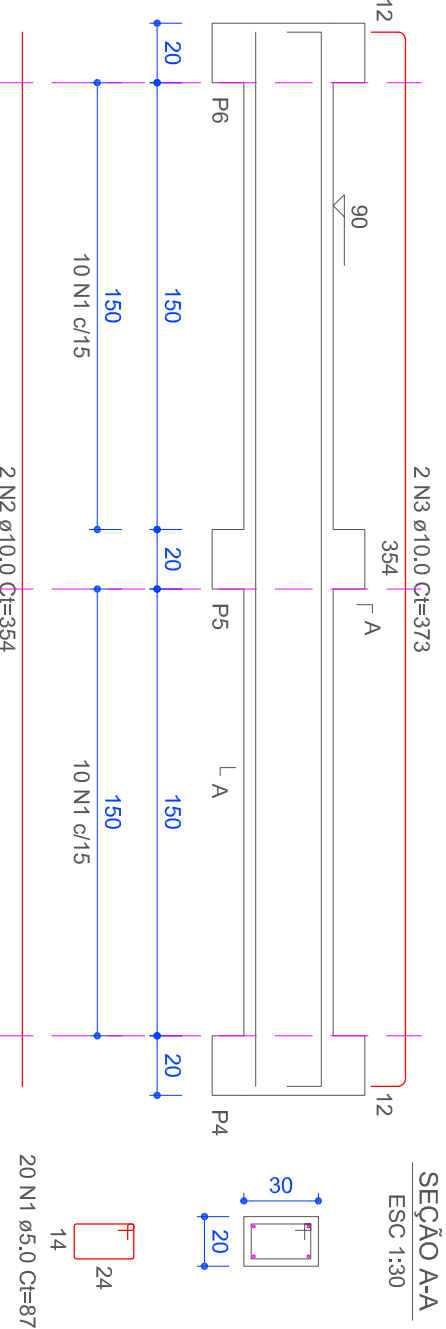
VI1 (20 x 30)



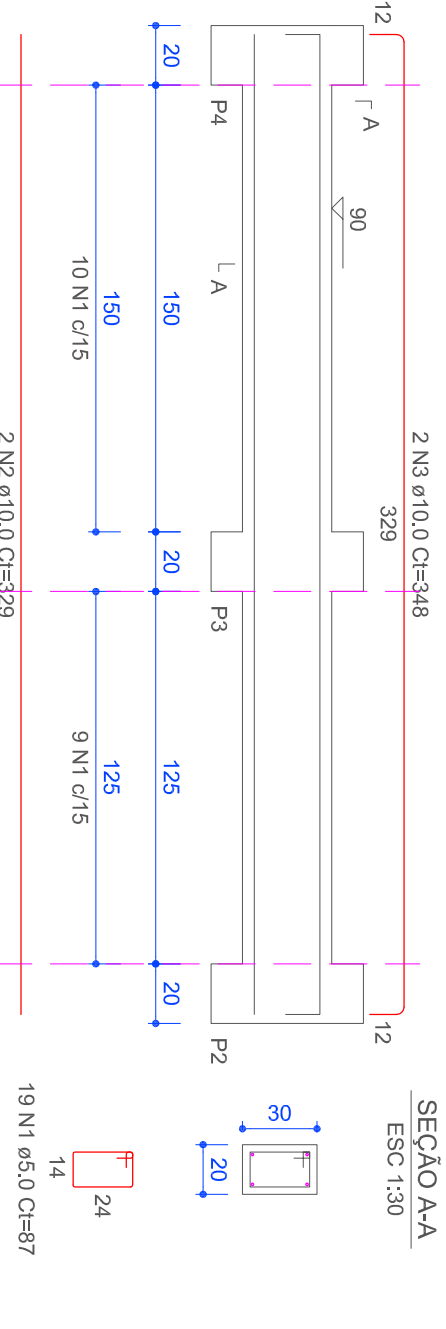
VI2 (20 x 30)



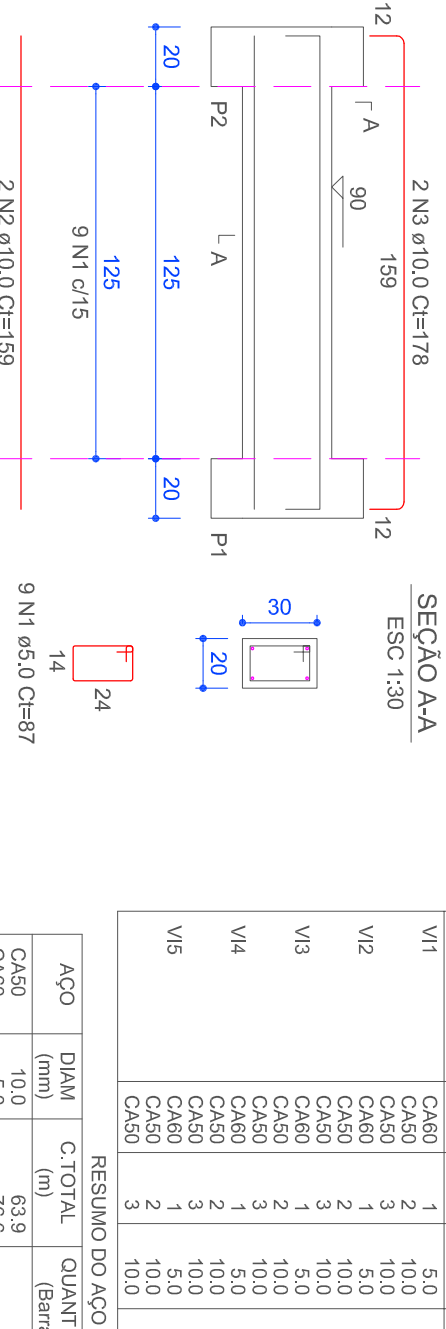
VI3 (20 x 30)



VI4 (20 x 30)

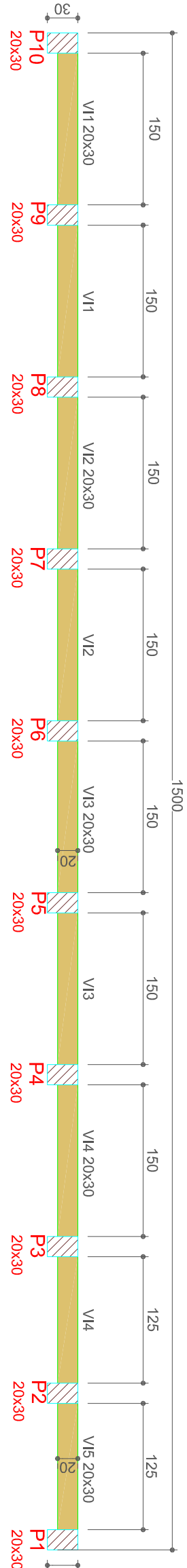


VI5 (20 x 30)



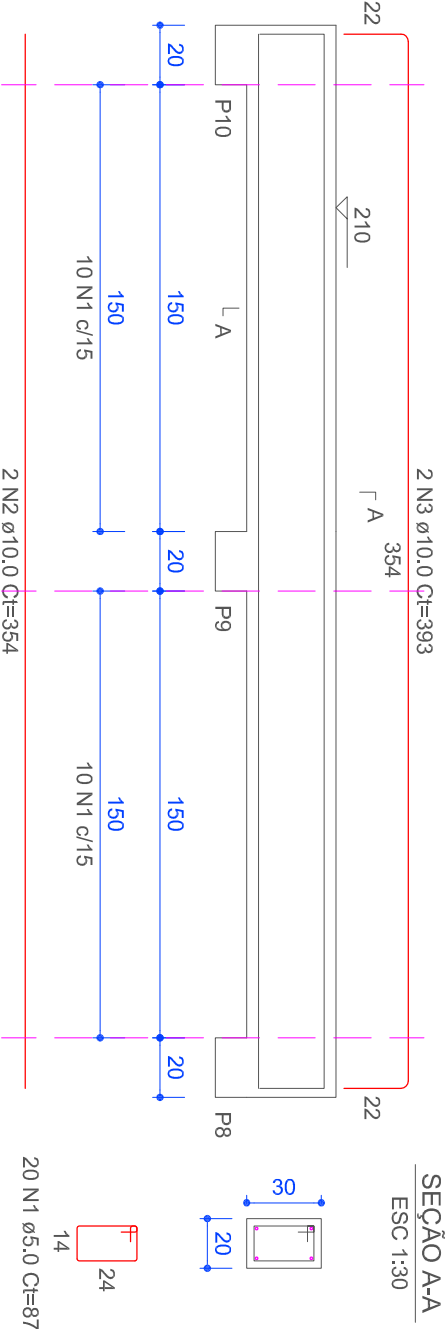
RELAÇÃO DO AÇO									
ELEMENTO	ACO	N	DIAM (mm)	QUANT	C.QUANT	C.TOTAL	ACO	N	DIAM (mm)
VI1	CA60	1	5,0	20	87	1740	CA60	1	5,0
	CA50	2	10,0	2	354	708	CA50	2	10,0
	CA60	2	10,0	2	354	708	CA60	2	10,0
VI2	CA60	1	5,0	20	87	1740	CA60	1	5,0
	CA50	2	10,0	2	354	708	CA50	2	10,0
	CA60	2	10,0	2	354	708	CA60	2	10,0
VI3	CA60	1	5,0	20	87	1740	CA60	1	5,0
	CA50	2	10,0	2	354	708	CA50	2	10,0
	CA60	2	10,0	2	354	708	CA60	2	10,0
VI4	CA60	1	5,0	19	87	1653	CA60	1	5,0
	CA50	2	10,0	2	348	696	CA50	2	10,0
	CA60	2	10,0	2	348	696	CA60	2	10,0
VI5	CA60	1	5,0	2	157	314	CA60	1	5,0
	CA50	2	10,0	2	178	356	CA50	2	10,0
	CA60	2	10,0	2	178	356	CA60	2	10,0
RESUMO DO AÇO									
ACO	DIAM (mm)	C.TOTAL	QUANT + 0%	PESO + 0%			ACO	DIAM (mm)	C.TOTAL
CA60	10,0	63,9	6	108	394		CA60	10,0	63,9
CA50	5,0	76,6	-	-	11,8		CA50	5,0	76,6
RESUMO TOTAL									
CA60	(kg)	39,4					CA60	(kg)	39,4
CA50	(kg)	11,8					CA50	(kg)	11,8
Volume de concreto (C-25) = 0,78 m³									
Área de forma = 5,0 m²									

FORMA DAS VIGAS DE RESPALDO

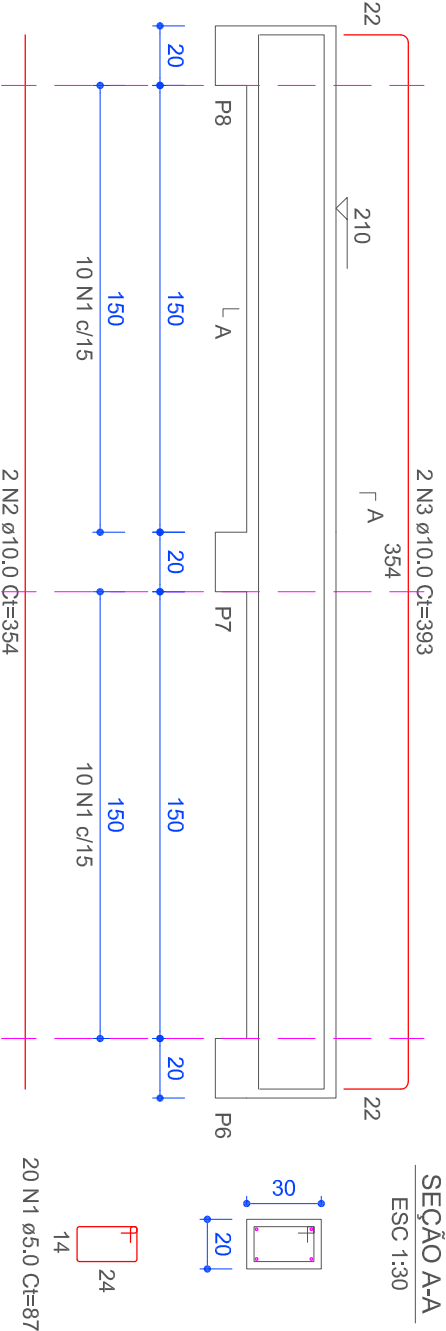


DETALHAMENTO DAS VIGAS RESPALDO

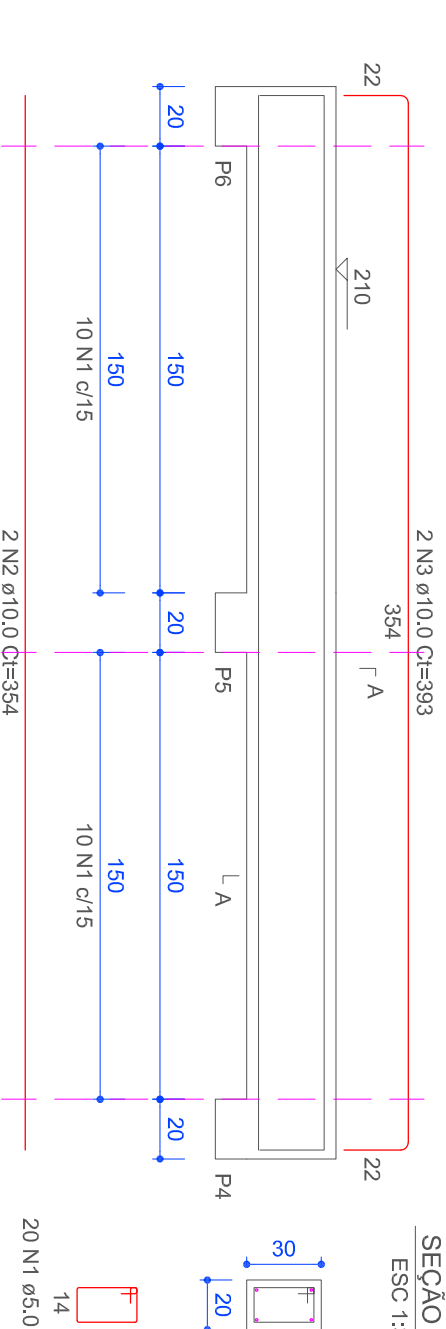
VR1 (20 x 30)



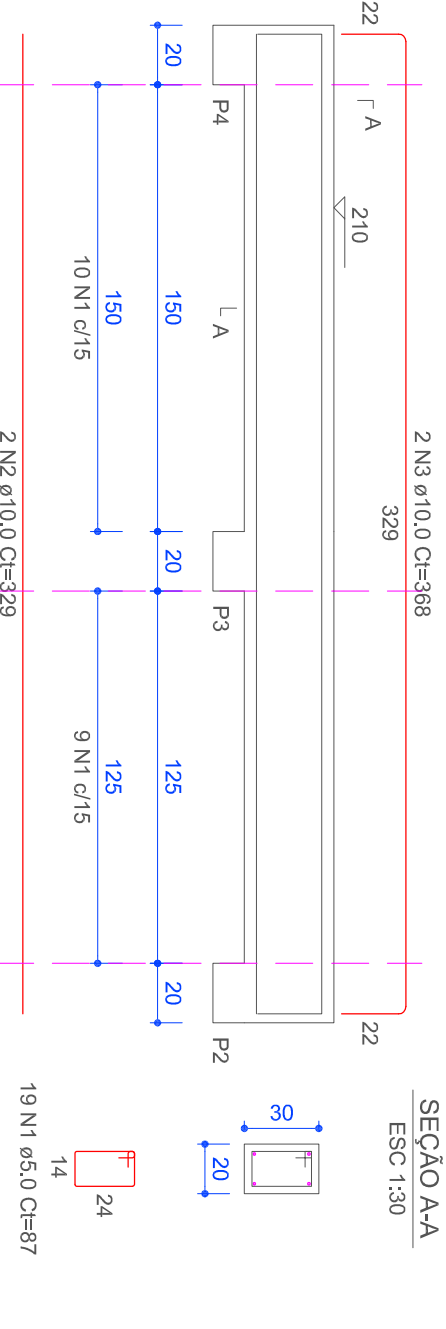
VR2 (20 x 30)



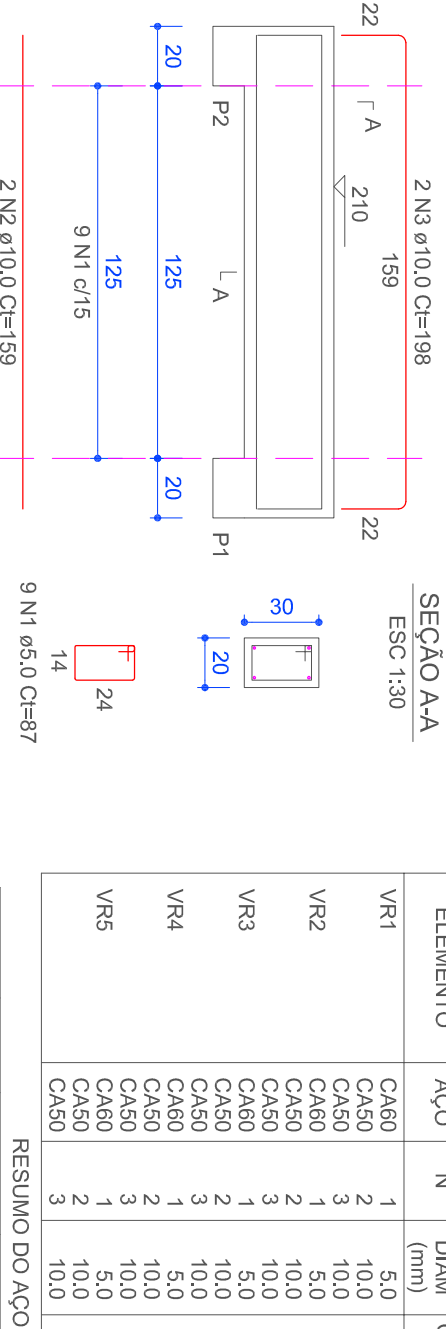
VR3 (20 x 30)



VR4 (20 x 30)

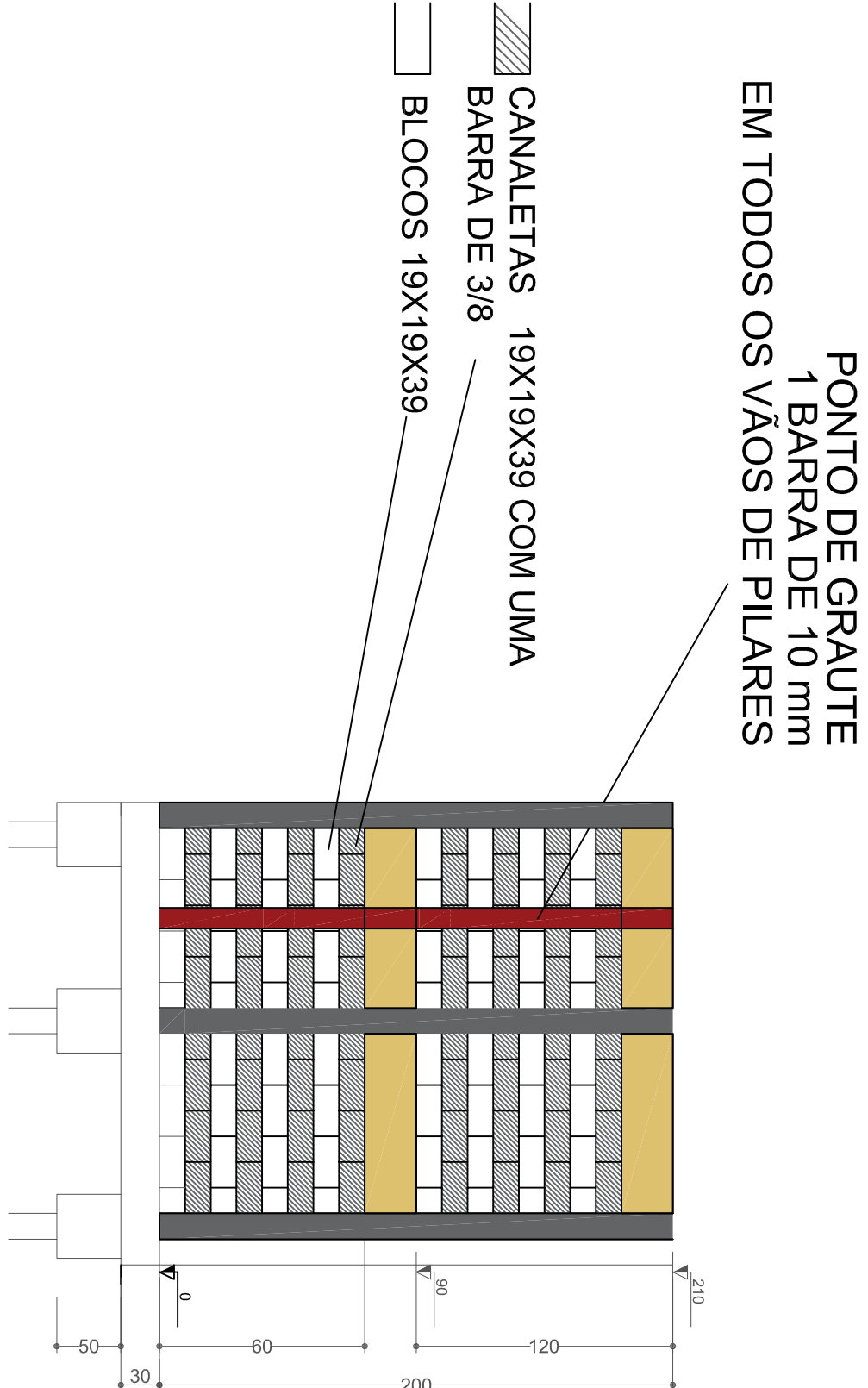


VR5 (20 x 30)

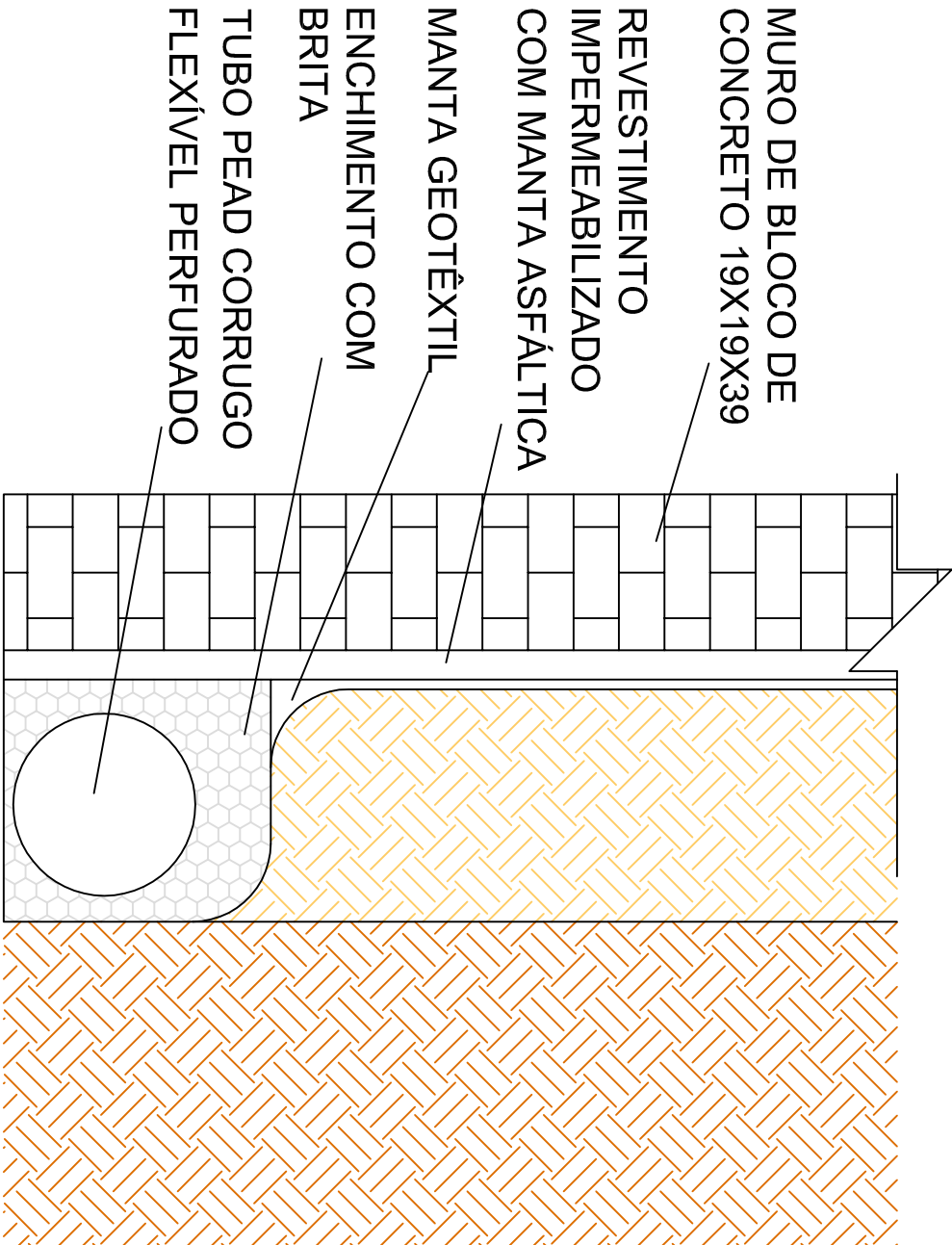


RELAÇÃO DO AÇO									
ELEMENTO	ACO	N	DIAM (mm)	QUANT	C.QUANT	C.TOTAL	ELEMENTO	ACO	N
VR1	CA60	1	5,0	20	87	1740	VR1	CA60	1
	CA50	2	10,0	2	354	708		CA50	2
	CA60	2	10,0	2	354	708		CA60	2
VR2	CA60	1	5,0	20	87	1740	VR2	CA60	1
	CA50	2	10,0	2	354	708		CA50	2
	CA60	2	10,0	2	354	708		CA60	2
VR3	CA60	1	5,0	20	87	1740	VR3	CA60	1
	CA50	2	10,0	2	354	708		CA50	2
	CA60	2	10,0	2	354	708		CA60	2
VR4	CA60	1	5,0	20	87	1740	VR4	CA60	1
	CA50	2	10,0	2	354	708		CA50	2
	CA60	2	10,0	2	354	708		CA60	2
VR5	CA60	1	5,0	2	157	314	VR5	CA60	1
	CA50	2	10,0	2	178	356		CA50	2
	CA60	2	10,0	2	178	356		CA60	2
RESUMO DO AÇO									
ACO	DIAM (mm)	C.TOTAL	QUANT + 0%	PESO + 0%			ACO	DIAM (mm)	C.TOTAL
CA60	10,0	65,9	6	108	40,6		CA60	10,0	65,9
CA50	5,0	76,6	-	-	11,8		CA50	5,0	76,6
Volume de concreto (C-25) = 0,78 m³									
Área de forma = 5,0 m²									

DETALHE TÍPICO 1 - PONTOS DE GRAUTE E CANALETAS DO MURO SEM ESCALA



DETALHE TÍPICO 2 - IMPERMEABILIZAÇÃO DO MURO SEM ESCALA



PREFEITURA MUNICIPAL DE ESTIVA		FOLHA:
ESTADO DE MINAS GERAIS		2/2
PROJETO ESTRUTURAL – PAREDE DE CONTENÇÃO UBS JOSÉ JOAQUIM		
FORMA E VIGAS DO NÍVEL INTERMEDIÁRIO E DE RESPALDO		
DETALHE PONTOS DE GRAUTE E CANALETAS E DETALHE IMPERMEABILIZAÇÃO DO MURO		
LOCAL – ESTIVA-MG	SECRETARIA MUNICIPAL DE SAÚDE	
ESCALA:INDICADA	ASSINATURA(S)	
	PROJETO: 19/07/2019 - 15:00h	
	REVISÃO: 19/07/2019 - 15:00h	
	APROVADO: 19/07/2019 - 15:00h	
	CARTEIRA: 19/07/2019 - 15:00h	