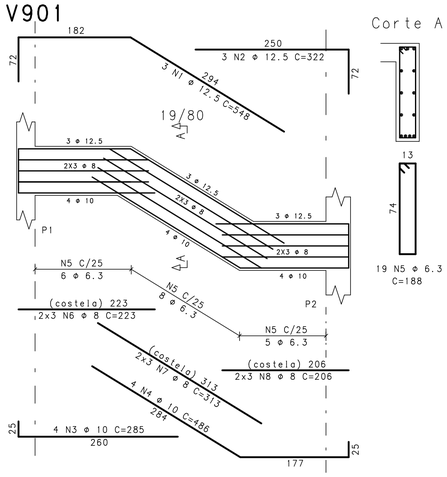
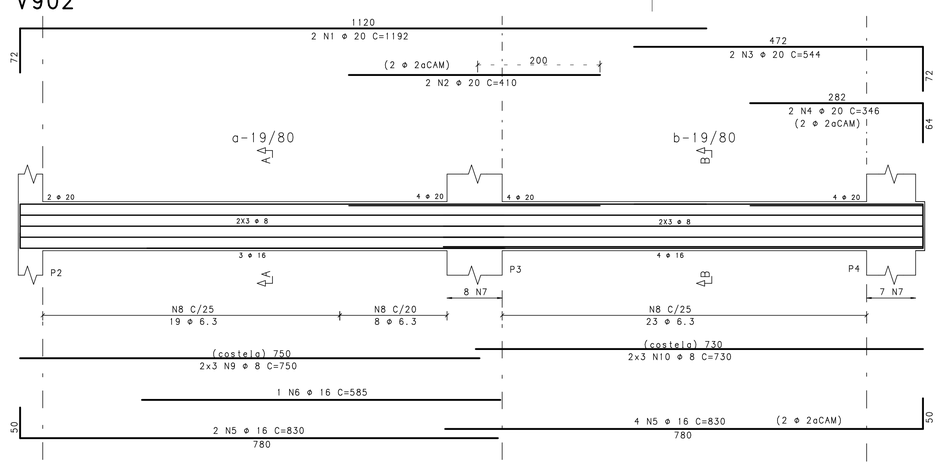
V901

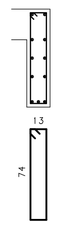


Corte A

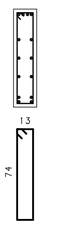
V902



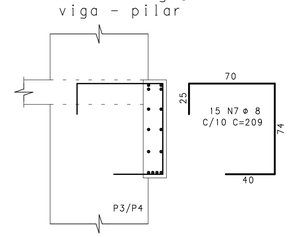
Corte A



Corte B

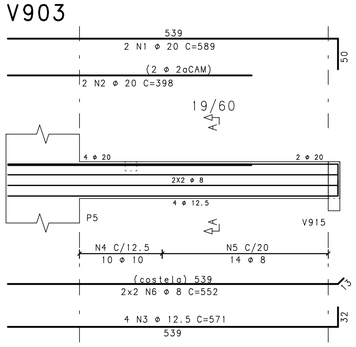


Detalhe de ligação viga - pilar

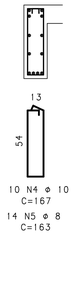


	AÇO	POS	BIT (mm)	QUANT	COMPRIMENTO UNIT (cm)	COMPRIMENTO TOTAL (cm)
V901	(X3)					
	50	1	12.5	9	548	4932
	50	2	12.5	9	322	2898
	50	3	10	12	285	3420
	50	4	10	12	486	5832
	50	5	6.3	57	188	10716
	50	6	8	18	223	4014
	50	7	8	18	313	5634
	50	8	8	18	206	3708
V902	(X3)					
	50	1	20	6	1192	7152
	50	2	20	6	410	2460
	50	3	20	6	544	3264
	50	4	20	6	346	2076
	50	5	16	18	830	14940
	50	6	16	3	585	1755
	50	7	8	45	209	9405
	50	8	6.3	150	188	28200
	50	9	8	18	750	13500
	50	10	8	18	730	13140
V903	(X3)					
	50	1	20	6	589	3534
	50	2	20	6	398	2388
	50	3	12.5	12	571	6852
	50	4	10	30	167	5010
	50	5	8	42	163	6846
	50	6	8	12	552	6624
V904	(X3)					
	50	1	12.5	6	222	1332
	50	2	12.5	6	222	1332
	60	3	5	78	58	4524
V905=V906	(X6)					
	50	1	10	12	373	4476
	50	2	10	12	319	3828
	60	3	5	60	138	8280
V907	(X3)					
	50	1	16	6	838	5028
	50	2	16	6	829	4974
	50	3	20	6	834	5004
	50	4	20	6	825	4950
	50	5	8	30	734	22020
	50	6	6.3	99	201	19899
	50	7	12.5	66	212	13992
V908	(X3)					
	50	1	12.5	6	639	3834
	50	2	12.5	6	270	1620
	50	3	16	6	639	3834
	50	4	6.3	57	188	10716
	50	5	8	18	539	9702
V909	(X3)					
	50	1	12.5	6	385	2310
	50	2	25	6	1200	7200
	50	3	25	6	889	5334
	50	4	10	12	790	9480
	50	5	16	12	790	9480
	50	6	6.3	165	188	31020
	50	7	8	51	190	9690
	50	8	8	18	750	13500
	50	9	8	18	685	12330
	50	10	8	21	209	4389
V910	(X3)					
	50	1	12.5	6	174	1044
	50	2	12.5	6	168	1008
	50	3	6.3	12	188	2256
	50	4	8	18	104	1872
V911	(X3)					
	50	1	20	3	859	2577
	50	2	25	6	785	4710
	50	3	25	6	605	3630
	50	4	16	6	1165	6990
	50	5	16	6	375	2250
	50	6	10	6	375	2250
	50	7	12.5	12	620	7440
	50	8	10	9	850	7650
	50	9	6.3	138	188	25944
	50	10	6.3	123	210	25830
	50	11	8	18	320	5760
	50	12	8	30	570	17100
	50	13	8	18	820	14760

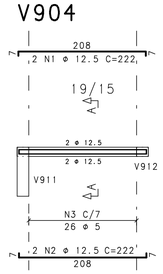
V903



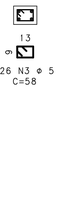
Corte A



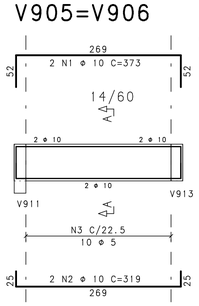
V904



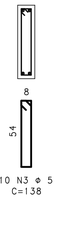
Corte A



V905=V906



Corte A



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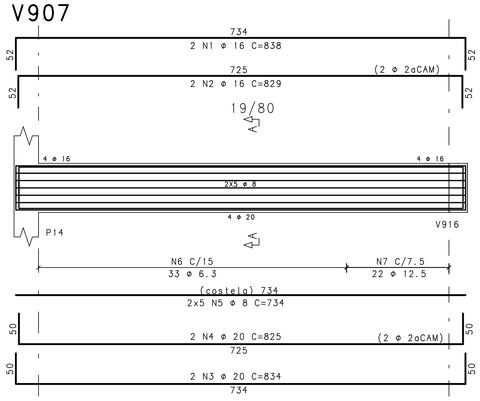
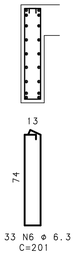
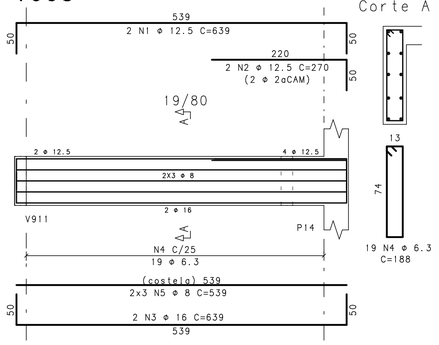


Corte A



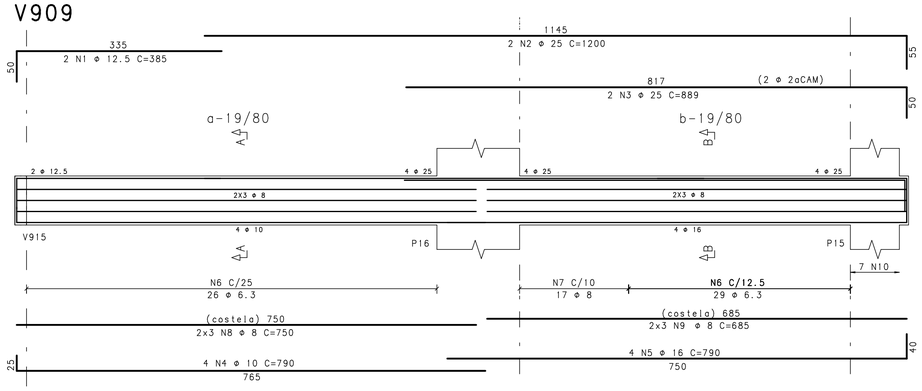
RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	128	20
50	6.3	1546	386
50	8	1740	696
50	10	419	264
50	12.5	486	486
50	16	493	788
50	20	334	835
50	25	209	835
Peso Total		60 =	20 kg
Peso Total		50 =	4291 kg

V908

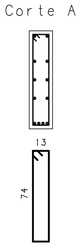


Corte A

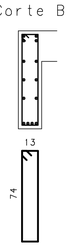
V909



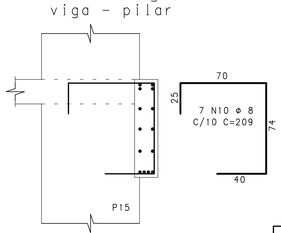
Corte A



Corte B



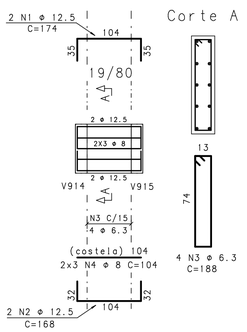
Detalhe de ligação viga - pilar



REVISÃO	DESCRIÇÃO	PROJ.	DATA
00	EMISSÃO INICIAL		25/09/14

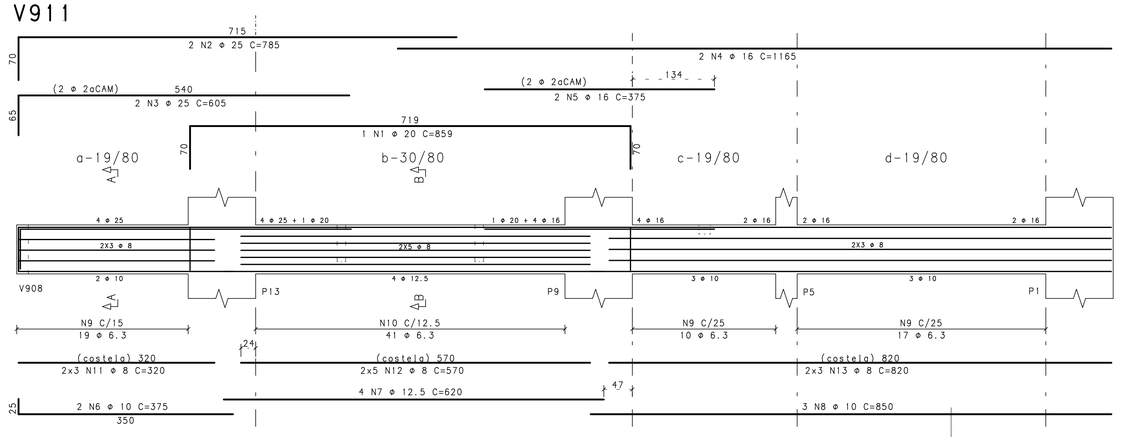
REVISÕES

V910



Corte A

V911



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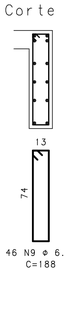

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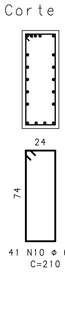
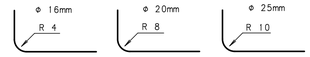


NOTAS:

1-CONCRETO fck>=35MPa; FATOR ÁGUA/CIMENTO=0.50
2-MEDIDAS EM CENTÍMETRO, NÍVEIS EM METRO
3-COBRIMENTO DAS VIGAS = 3,0cm
4-O ESPAÇAMENTO ENTRE 1a. E 2a. CAMADA DE ARMADURAS NAS VIGAS, QUANDO EXISTIR, É DE NO MÍNIMO 2cm OU UM DIÂMETRO DA BARRA.
5-RAIO DE DOBRA PARA BARRA:



MINISTÉRIO PÚBLICO DE MINAS GERAIS

LOGRADOURO	RUA MARECHAL FLORIANO	BAIRRO	CENTRO
LOTE	001P	QUADRA	45
ÁREA TERRENO	824,85 m2		
USO	INSTITUCIONAL	ÁREA CONSTRUÍDA	6859,29 m2

PROJETO DE ESTRUTURA DE CONCRETO

TÍTULO	PROJETO EXECUTIVO
DATA	25/09/2014
CONTEÚDO	ARMAÇÃO DAS VIGAS DO PISO DO PAVIMENTO TIPO (7o AO 9o) (01/02)

RESPONSÁVEIS

GOS Engenharia Ltda CNPJ: 02.498.391/0001-41	ORGÃO: MPMG MINISTÉRIO PÚBLICO DO ESTADO DE MG
RT EMPRESA: GERALDO JOSÉ DE OLIVEIRA SILVA /CREA-MG 18.641/D	PROPRIETÁRIO
MARCIO JOSÉ DE REZENDE GONCALVES /CREA-MG 35.945/D	PROCURADORIA GERAL DE JUSTIÇA DE MINAS GERAIS CNPJ: 20.971.057/0001-45
COORDENADOR: ÉRIKA R. C. PENNA E PINHO - CAU A25218-2	FISCAIS DO CONTRATO: DANIELA TEIXEIRA DINIZ ANDRADE; CARLA BORGES DA COSTA
N CONTRATO: CT 233/2013	FORMATO: A1

FOLHA 103/133

MARCIO JOSE DE REZENDE GONCALVES PL: C:\TQS\Procuradoria Geral - Gov Valadares\Pranchas 2\MPMG103.PLT 27/03/2015 16:59:33