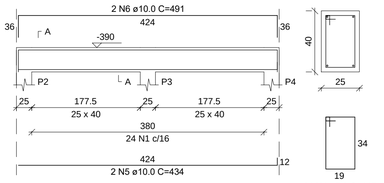
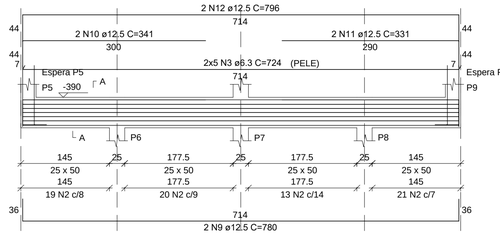
V101
ESC.: 1:50



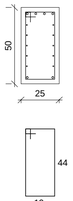
SEÇÃO A-A
ESC.: 1:20

24 N1 ø5.0 C=117

V102
ESC.: 1:50

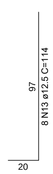


SEÇÃO A-A
ESC.: 1:20

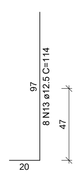


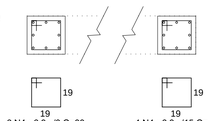
73 N2 ø6.3 C=138

ESPERA P5
ESC.: 1:20



ESPERA P9
ESC.: 1:20

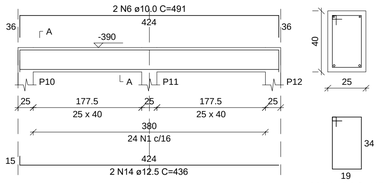




6 N4 ø6.3 c/8 C=88

4 N4 ø6.3 c/15 C=88

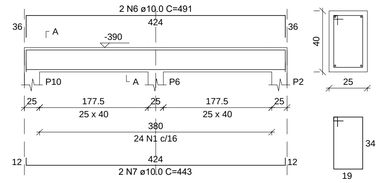
V103
ESC.: 1:50



SEÇÃO A-A
ESC.: 1:20

24 N1 ø5.0 C=117

V104
ESC.: 1:50



SEÇÃO A-A
ESC.: 1:20

24 N1 ø5.0 C=117

RELAÇÃO DO AÇO

V101-L1, V102-L1, V103-L1, V104-L1, V105-L1, V106-L1, V201-L2, V202-L2

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	194	117	22698
CA50	2	6.3	147	138	20286
	3	6.3	20	724	14480
	4	6.3	20	88	1760
	5	10.0	2	434	868
	6	10.0	6	491	2946
	7	10.0	4	443	1772
	8	10.0	2	491	982
	9	12.5	2	780	1560
	10	12.5	4	341	1364
	11	12.5	4	331	1324
	12	12.5	4	796	3184
	13	12.5	32	114	3648
	14	12.5	2	436	872
	15	12.5	2	780	1560
	16	16.0	4	714	2856
	17	16.0	2	380	760
	18	16.0	4	751	3004

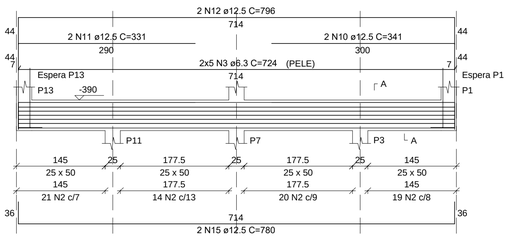
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	365.3	89.5
	10.0	65.7	40.6
	12.5	135.1	130.1
	16.0	66.2	104.5
CA60	5.0	227	35.0

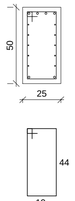
PESO TOTAL (kg)	
CA50	364.7
CA60	35.0

Volume de concreto (C-25) = 4.96 m³
Área de forma = 51.18 m²

V105
ESC.: 1:50

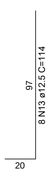


SEÇÃO A-A
ESC.: 1:20

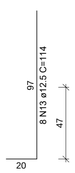


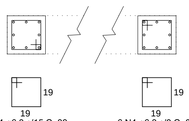
74 N2 ø6.3 C=138

ESPERA P13
ESC.: 1:20



ESPERA P1
ESC.: 1:20

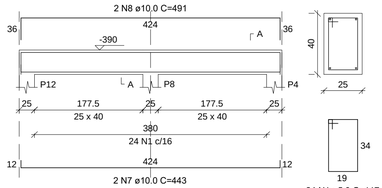




4 N4 ø6.3 c/15 C=88

6 N4 ø6.3 c/8 C=88

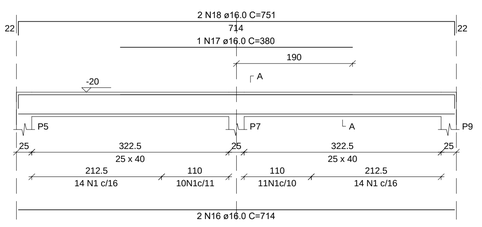
V106
ESC.: 1:50



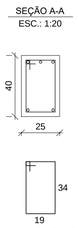
SEÇÃO A-A
ESC.: 1:20

24 N1 ø5.0 C=117

V201
ESC.: 1:50

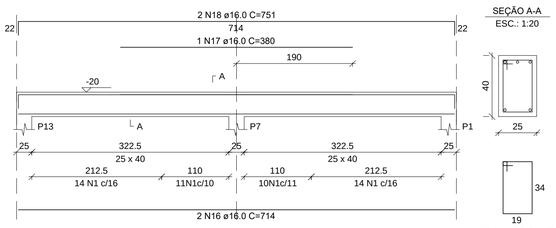


SEÇÃO A-A
ESC.: 1:20



49 N1 ø5.0 C=117

V202
ESC.: 1:50



SEÇÃO A-A
ESC.: 1:20

49 N1 ø5.0 C=117

Sesc	REPRESENTANTES: ... GERENTE DE ENGENHARIA
DIRETORIA RESPONSÁVEL :	RESPONSÁVEIS TÉCNICOS: JEFERSON ANTÔNIO MARÇAL ENGENHEIRO CIVIL CREA-MG 173.284/D
UNIDADE SESC VENDA NOVA	
PROJETO PROJ. ESTRUTURAL - CAIXA DE RETENÇÃO DE ÁGUAS PLUVIAIS ETAPA EXECUTIVO ARQUIVO 23_006001-00373-VEN-PE-DRG-0000-PJ-0000.dwg	
CONTEÚDO DETALHE VIGAS	FOLHA: 04/12 DATA: 15/01/2024

FORMATO A1 - INTERNO: 806 x 574 mm.
EXTERNO: 841 x 594 mm.