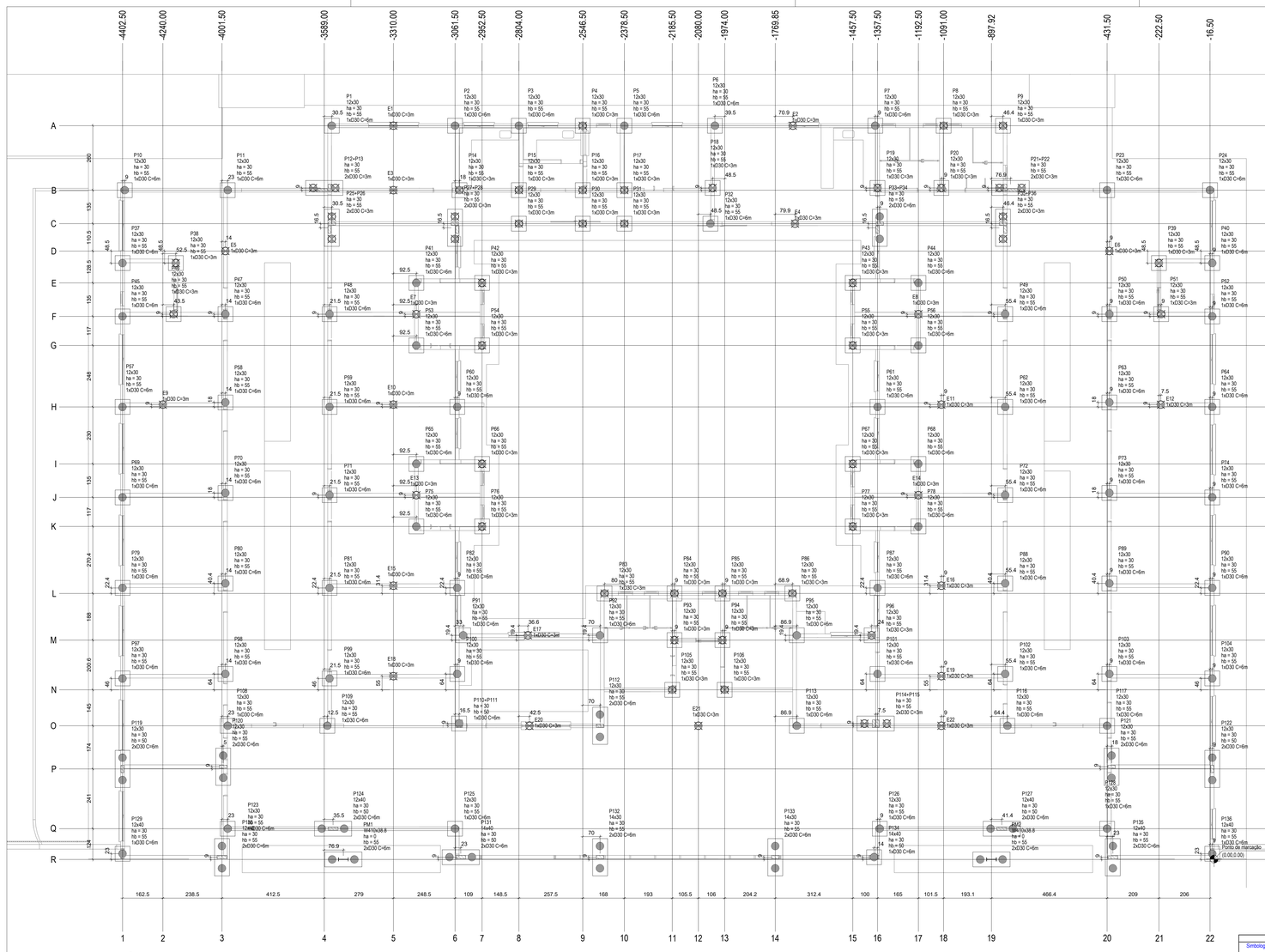
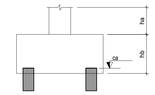
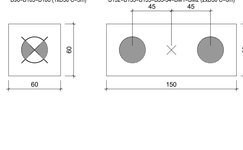
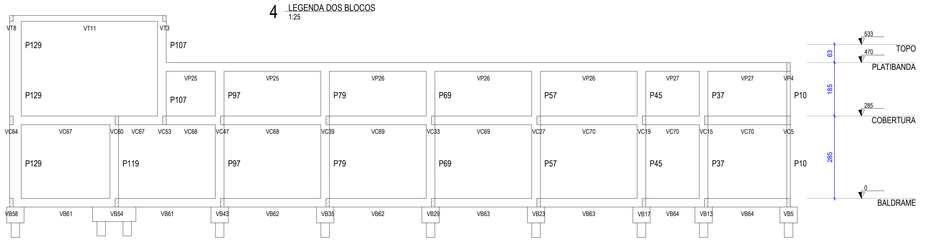


1 PLANTA DE LOCAÇÃO
1:75

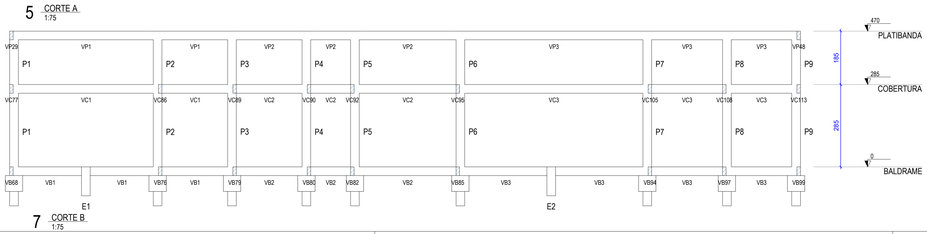
Estacas			
Simbologia	Nome	⌀ (cm)	Quantidade
	Ø30 C=3m	30.00	68
	Ø30 C=6m	30.00	103



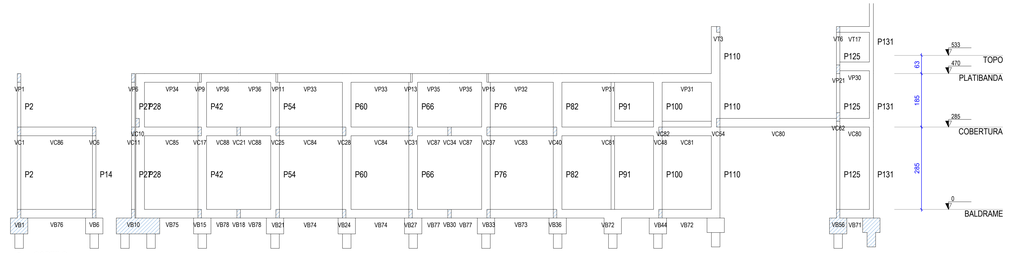




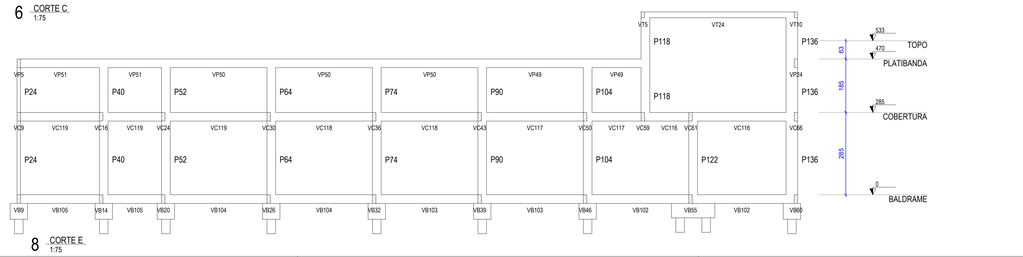
5 CORTE A
1:75



7 CORTE B
1:75



6 CORTE C
1:75

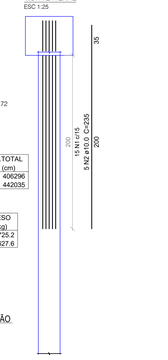


8 CORTE E
1:75

Nome	Seção (cm)	Pilar X (cm)	Pilar Y (cm)	Carga Máx. (tf)	Fundação Lado B (cm)	Fundação Lado H (cm)	Fundação h0 / ha (cm)	Fundação h1 / hb (cm)	Fundação ne	Bloco Estaca	Bloco Cá (cm)
E1	-	-3310.00	2957.50	1.8	-	-	-	-	1	D30 C=3m	0
E2	-	-1699.00	2957.50	2.2	-	-	-	-	1	D30 C=3m	0
E3	-	-3310.00	2697.50	1.9	-	-	-	-	1	D30 C=3m	0
E4	-	-1699.00	2562.50	2.2	-	-	-	-	1	D30 C=3m	0
E5	-	-3987.50	2452.00	1.8	-	-	-	-	1	D30 C=3m	0
E6	-	-422.50	2452.00	1.8	-	-	-	-	1	D30 C=3m	0
E7	-	-3217.50	2197.50	2.8	-	-	-	-	1	D30 C=3m	0
E8	-	-1192.50	2197.50	2.9	-	-	-	-	1	D30 C=3m	0
E9	-	-4240.00	1832.50	1.3	-	-	-	-	1	D30 C=3m	0
E10	-	-3310.00	1832.50	1.9	-	-	-	-	1	D30 C=3m	0
E11	-	-1100.00	1832.50	1.9	-	-	-	-	1	D30 C=3m	0
E12	-	-215.00	1832.50	1.2	-	-	-	-	1	D30 C=3m	0
E13	-	-3217.50	1467.50	2.8	-	-	-	-	1	D30 C=3m	0
E14	-	-1192.50	1467.50	2.8	-	-	-	-	1	D30 C=3m	0
E15	-	-3310.00	1102.50	2.0	-	-	-	-	1	D30 C=3m	0
E16	-	-1100.00	1102.50	2.0	-	-	-	-	1	D30 C=3m	0
E17	-	-2767.40	902.50	1.9	-	-	-	-	1	D30 C=3m	0
E18	-	-3310.00	737.50	2.0	-	-	-	-	1	D30 C=3m	0
E19	-	-1100.00	737.50	2.0	-	-	-	-	1	D30 C=3m	0
E20	-	-2781.60	537.50	2.0	-	-	-	-	1	D30 C=3m	0
E21	-	-2980.00	537.50	2.1	-	-	-	-	1	D30 C=3m	0
E22	-	-1100.00	537.50	1.4	-	-	-	-	1	D30 C=3m	0
P1	12x30	-3558.50	2957.50	3.2	60	60	30	55	1	D30 C=6m	-75
P2	12x30	-3087.50	2957.50	4.2	60	60	30	55	1	D30 C=6m	-75
P3	12x30	-2804.00	2957.50	3.9	60	60	30	55	1	D30 C=6m	-75
P4	12x30	-2546.50	2957.50	3.5	60	60	30	55	1	D30 C=6m	-75
P5	12x30	-2378.50	2957.50	3.7	60	60	30	55	1	D30 C=6m	-75
P6	12x30	-2013.50	2957.50	5.1	60	60	30	55	1	D30 C=6m	-75
P7	12x30	-1306.50	2957.50	4.8	60	60	30	55	1	D30 C=6m	-75
P8	12x30	-1091.00	2957.50	3.5	60	60	30	55	1	D30 C=6m	-75
P9	12x30	-851.50	2957.50	2.6	60	60	30	55	1	D30 C=6m	-75
P10	12x30	-4393.50	2697.50	3.6	60	60	30	55	1	D30 C=6m	-75
P11	12x30	-3978.50	2697.50	5.0	60	60	30	55	1	D30 C=6m	-75
P14	12x30	-3043.50	2697.50	2.7	60	60	30	55	1	D30 C=3m	-75
P15	12x30	-2804.00	2697.50	2.9	60	60	30	55	1	D30 C=6m	-75
P16	12x30	-2546.50	2697.50	2.7	60	60	30	55	1	D30 C=3m	-75
P17	12x30	-2378.50	2697.50	2.8	60	60	30	55	1	D30 C=3m	-75
P18	12x30	-2022.50	2706.50	5.7	60	60	30	55	2	D30 C=6m	-75
P19	12x30	-1357.50	2706.50	2.4	60	60	30	55	1	D30 C=3m	-75
P20	12x30	-1100.00	2706.50	2.8	60	60	30	55	1	D30 C=3m	-75
P23	12x30	-431.50	2697.50	5.0	60	60	30	55	2	D30 C=6m	-75
P24	12x30	-16.50	2697.50	3.6	60	60	30	55	1	D30 C=6m	-75
P29	12x30	-2804.00	2562.50	2.8	60	60	30	55	1	D30 C=3m	-75
P30	12x30	-2546.50	2562.50	2.3	60	60	30	55	1	D30 C=3m	-75
P31	12x30	-2378.50	2562.50	2.8	60	60	30	55	1	D30 C=3m	-75
P32	12x30	-2031.50	2562.50	4.8	60	60	30	55	1	D30 C=6m	-75
P37	12x30	-4402.50	2403.50	3.6	60	60	30	55	1	D30 C=6m	-75
P38	12x30	-4187.50	2403.50	1.6	60	60	30	55	1	D30 C=3m	-75
P39	12x30	-222.50	2403.50	1.6	60	60	30	55	1	D30 C=3m	-75
P40	12x30	-7.50	2403.50	3.6	60	60	30	55	1	D30 C=6m	-75
P41	12x30	-3217.50	2323.50	2.0	60	60	30	55	1	D30 C=6m	-75
P42	12x30	-2952.50	2323.50	3.4	60	60	30	55	1	D30 C=3m	-75
P43	12x30	-1457.50	2323.50	3.4	60	60	30	55	1	D30 C=3m	-75
P44	12x30	-1192.50	2323.50	2.0	60	60	30	55	1	D30 C=6m	-75
P45	12x30	-4402.50	2188.50	3.7	60	60	30	55	1	D30 C=6m	-75
P46	12x30	-4196.50	2197.50	2.1	60	60	30	55	1	D30 C=3m	-75
P47	12x30	-3987.50	2197.50	5.2	60	60	30	55	1	D30 C=6m	-75
P48	12x30	-3567.50	2197.50	5.7	60	60	30	55	1	D30 C=6m	-75
P49	12x30	-842.60	2197.50	5.7	60	60	30	55	1	D30 C=6m	-75
P50	12x30	-422.50	2197.50	5.2	60	60	30	55	1	D30 C=6m	-75
P51	12x30	-213.50	2197.50	2.1	60	60	30	55	1	D30 C=3m	-75
P52	12x30	-7.50	2188.50	3.7	60	60	30	55	1	D30 C=6m	-75
P53	12x30	-3217.50	2071.50	2.0	60	60	30	55	1	D30 C=3m	-75
P54	12x30	-2952.50	2071.50	3.5	60	60	30	55	1	D30 C=3m	-75
P55	12x30	-1457.50	2071.50	3.5	60	60	30	55	1	D30 C=3m	-75
P56	12x30	-1192.50	2071.50	2.0	60	60	30	55	1	D30 C=6m	-75
P57	12x30	-4402.50	1823.50	4.4	60	60	30	55	1	D30 C=6m	-75
P58	12x30	-3987.50	1841.50	5.0	60	60	30	55	1	D30 C=6m	-75
P59	12x30	-3567.50	1823.50	5.1	60	60	30	55	1	D30 C=6m	-75
P60	12x30	-3052.50	1823.50	5.0	60	60	30	55	1	D30 C=6m	-75
P61	12x30	-1357.50	1823.50	5.0	60	60	30	55	1	D30 C=6m	-75
P62	12x30	-842.50	1823.50	5.1	60	60	30	55	1	D30 C=6m	-75
P63	12x30	-422.50	1841.50	4.9	60	60	30	55	1	D30 C=6m	-75
P64	12x30	-7.50	1823.50	4.5	60	60	30	55	1	D30 C=6m	-75
P65	12x30	-3217.50	1593.50	2.0	60	60	30	55	1	D30 C=3m	-75
P66	12x30	-2952.50	1593.50	3.4	60	60	30	55	1	D30 C=3m	-75
P67	12x30	-1457.50	1593.50	3.4	60	60	30	55	1	D30 C=3m	-75
P68	12x30	-1192.50	1593.50	2.0	60	60	30	55	1	D30 C=6m	-75
P69	12x30	-4402.50	1458.50	5.1	60	60	30	55	1	D30 C=6m	-75
P70	12x30	-3987.50	1478.50	5.5	60	60	30	55	1	D30 C=6m	-75
P71	12x30	-3567.50	1487.50	5.2	60	60	30	55	1	D30 C=6m	-75
P72	12x30	-842.50	1487.50	5.1	60	60	30	55	1	D30 C=6m	-75
P73	12x30	-422.50	1478.50	5.5	60	60	30	55	1	D30 C=6m	-75
P74	12x30	-7.50	1458.50	5.1	60	60	30	55	1	D30 C=6m	-75
P75	12x30	-3217.50	1341.50	2.0	60	60	30	55	1	D30 C=3m	-75
P76	12x30	-2952.50	1341.50	3.5	60	60	30	55	1	D30 C=3m	-75
P77	12x30	-1457.50	1341.50	3.5	60	60	30	55	1	D30 C=3m	-75
P78	12x30	-1192.50	1341.50	2.0	60	60	30	55	1	D30 C=6m	-75
P79	12x30	-4402.50	1093.50	5.1	60	60	30	55	1	D30 C=6m	-75
P80	12x30	-3987.50	1111.50	5.5	60	60	30	55	1	D30 C=6m	-75
P81	12x30	-3567.50	1093.50	5.2	60	60	30	55	1	D30 C=6m	-75
P82	12x30	-3052.50	1093.50	4.5	60	60	30	55	1	D30 C=6m	-75
P83	12x30	-2458.50	1071.11	2.4	60	60	30	55	1	D30 C=3m	-75
P84	12x30	-2176.50	1071.11	3.2	60	60	30	55	1	D30 C=3m	-75
P85	12x30	-1983.00	1071.11	3.2	60	60	30	55	1	D30 C=3m	-75
P86	12x30	-1701.00	1071.11	2.4	60	60	30	55	1	D30 C=3m	-75
P87	12x30	-1357.50	1093.50	4.5	60	60	30	55	1	D30 C=6m	-75
P88	12x30	-842.60	1111.50	5.1	60	60	30	55	1	D30 C=6m	-75
P89	12x30	-422.50	1111.50	5.5	60	60	30	55	1	D30 C=6m	-75
P90	12x30	-7.50	1093.50	5.1	60	60	30	55	1	D30 C=6m	-75
P91	12x30	-3028.50	902.50	2.4	60	60	30	55	1	D30 C=6m	-75
P92	12x30	-2419.50	902.50	4.8	60	60	30	55	1	D30 C=6m	-75
P93	12x30	-2176.50	883.11	2.2	60	60	30	55	1	D30 C=3m	-75
P94	12x30	-1983.00	883.11	2.2	60	60	30	55	1	D30 C=3m	-75
P95	12x30	-1683.00	902.50	4.3	60	60	30	55	1	D30 C=6m	-75
P96	12x30	-1381.50	902.50	2.0	60	60	30	55	1	D30 C=3m	-75
P97	12x30	-4402.50	728.50	5.9	60	60	30	55	1	D30 C=6m	-75
P98	12x30	-3987.50	746.50	4.8	60	60	30	55	1	D30 C=6m	-75
P99	12x30	-3567.50	728.50	4.3	60	60	30	55	1	D30 C=6m	-75
P100	12x30	-3052.50	746.50	3.9	60	60	30	55	1	D30 C=6m	-75
P101	12x30	-1357.50	746.50	3.9	60	60	30	55	1	D30 C=6m	-75
P102	12x30	-842.50	746.50	4.3	60	60	30	55	1	D30 C=6m	-75
P103	12x30	-422.50	746.50	4.8	60	60	30	55	1	D30 C=6m	-75
P104	12x30	-7.50	728.50	5.9	60	60	30	55	1	D30 C=6m	-75
P105	12x30	-2185.50	682.50	1.9	60	60	30	55	1	D30 C=3m	-75
P106	12x30	-1974.00	682.50	1.9	60	60	30	55	1	D30 C=3m	-75
P108	12x30	-3978.50	537.50	5.3	60	60	30	55	1	D30 C=6m	-75
P109	12x30	-3576.50	537.50	4.2	60	60	30	55	1	D30 C=6m	-75
P110	12x30	-2419.50	537.50	5.3	150	60	30	55	2	D30 C=6m	-75
P113	12x30	-1683.00	537.50	5.2	60	60	30	55	1	D30 C=6m	-75
P116	12x30	-833.50	537.50	5.7	60	60	30	55	1	D30 C=6m	-75
P117	12x30	-431.50	537.50	5.3	60	60	30	55	1	D30 C=6m	-75
P119	12x30	-4402.50	363.50	5.5	150	60	30	50	2	D30 C=6m	-70
P120	12x30	-3998.50	372.50	2.9	150	60	30	50	2	D30 C=6m	-70
P121	12x30	-413.50	372.50	2.9	150	60	30	50	2	D30 C=6m	-75
P122	12x30	-7.50	363.50	5.5	150	60	30	50	2	D30 C=6m	-70
P123	12x30	-3978.50	122.50	4.4	60	60	30	55	1	D30 C=6m	-75
P124	12x40	-3553.50	122.50	7.2	150	60	30	55	2	D30 C=6m	-75
P125	12x30	-3061.50	122.50	4.2	60	60	30	55	1	D30 C=6m	-75
P126	12x30	-1348.50	122.50	4.2	60	60	30	55	1	D30 C=6m	-75
P127	12x40	-836.50	122.50	7.8	150	60	30	55	2	D30 C=6m	-75
P128	12x30	-431.50	122.50	4.4	60	60	30	55	1	D30 C=6m	-75
P129	12x40	-4402.50	21.50	5.0	60	60	30	55	1	D30 C=6m	-75
P130	12x40	-4001.50	7.50	3.8	150	60	30	55	2	D30 C=6m	-75
P131	14x40	-3038.50	7.50	5.4	150	60	30	55	2	D30 C=6m	-70
P132	14x30	-2419.50	7.50	10.1	150	60	30	55	2	D30 C=6m	-70
P133	14x30	-1769.85	7.50	9.0	150	60	30	55	2	D30 C=6m	-75
P134	14x40	-1371.50	7.50	4.1	60	60	30	55	1	D30 C=6m	-75
P135	12x40	-408.50	7.50	3.9	150	60	30	55	2	D30 C=6m	-75
P136	12x40	-7.50	21.50	5.1	60	60	30	55	1	D30 C=6m	-75
P12=P13		-3589.00	2706.50	5.7	150	60	30	55	2	D30 C=3m	-75
P21=P22		-821.00	2706.50	5.5	150	60	30	55	2	D30 C=3m	-75
P25=P26		-3568.50	2546.00	4.8	150	60	30	55	2	D30 C=3m	-75
P27=P28		-3061.50	2546.00	6.0	150	60	30	55	2	D30 C=3m	-75
P33=P34		-1348.50	2546.00	7.4	150	60	30	55	2	D30 C=6m	-75
P35=P36		-851.50	2546.00	4.8	150	60	30	55	2	D30 C=3m	-75
P115=P111		-3045.00	548.50	3.5	60	60	30	55	1	D30 C=6m	-70
P114=P115		-1303.00	546.50	3.9	150	60	30	55	2	D30 C=6m	-70
PM1	W410x38.8	-3512.07	-1.52	4.8	150	60	0	55	2	D30 C=6m	-45
PM2	W410x38.8	-897.92	-1.52	4.8	150	60	0	55	2	D30 C=6m	-45

ESTACA d= 30cm C=3m e C=6m
SEÇÃO
ESC 1:20

VISTA LATERAL
ESC 1:25



Relação do aço

171xESTACA d=30cm

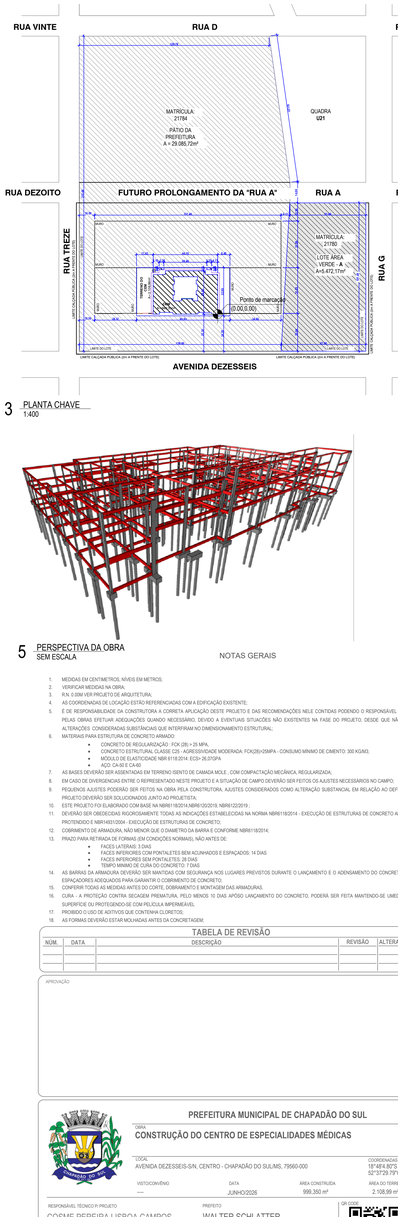
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	5643	72	406296
CA50	2	10.0	1881	235	442035

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	4420.4	369	2725.2
CA60	5.0	4063.0	-	627.6
PESO TOTAL (kg)				
CA50	2725.2			
CA60	627.6			

Volume de concreto (C-25) = 58.10m³

2 ARMAÇÃO DE ESTACAS - FUNDAÇÃO
ESCALA INDICADA



3 PLANTA CHAVE
1:400

5 PERSPECTIVA DA OBRA
SEM ESCALA

NOTAS GERAIS

1. MEDIDAS EM CENTIMETROS, NÍVEIS EM METROS;
2. VERIFICAR MEDIDAS NA OBRA;
3. R.N. EDIV VER PROJETO DE ARQUITETURA;
4. AS COORDENADAS DE LOCAÇÃO ESTÃO REFERENCIADAS COM A EDIFICAÇÃO EXISTENTE;
5. É DE RESPONSABILIDADE DA CONSTRUTORA A CORRETA APLICAÇÃO DESTE PROJETO E DAS RECOMENDAÇÕES NELE CONTIDAS PODENDO O RESPONSÁVEL TÉCNICO PELAS OBRAS EFETUAR ADEQUAÇÕES QUANDO NECESSÁRIO, DEVIDO A EVENTUAIS SITUAÇÕES NÃO EXISTENTES NA FASE DO PROJETO, DESDE QUE NÃO SEJAM ALTERADAS AS CONDIÇÕES CONSIDERADAS SUBSTANCIAIS QUE INTERFIRAM NO DIMENSIONAMENTO ESTRUTURAL;
6. MATERIAIS PARA ESTRUTURA DE CONCRETO ARMADO:
   - CONCRETO DE REGULARIZAÇÃO : FCK (28) = 25 MPA;
   - CONCRETO ESTRUTURAL CLASSE C25 - AGRESSIVIDADE MODERADA: FCK(28)=25MPA - CONSUMO MÍNIMO DE CIMENTO: 300 KG/M3;
   - MÓDULO DE ELASTICIDADE NBR 6118:2014: ECS= 26.07GPA
   - AGCI: CA-50 E CA-60
7. AS BASES DEVERÃO SER ASSENTADAS EM TERRENO ISENTO DE CAMADA MOLE, COM COMPACTAÇÃO MECÂNICA, REGULARIZADA;
8. EM CASO DE DIVERGÊNCIA ENTRE O REPRESENTADO NESTE PROJETO E A SITUAÇÃO DE CAMPO DEVERÃO SER FEITOS OS AJUSTES NECESSÁRIOS NO CAMPO;
9. PEQUENOS AJUSTES PODERÃO SER FEITOS NA OBRA PELA CONSTRUTORA, AJUSTES CONSIDERADOS COMO ALTERAÇÃO SUBSTANCIAL EM RELAÇÃO AO DEFINIDO NO PROJETO DEVERÃO SER SOLICIONADOS JUNTO AO PROJETISTA;
10. ESTE PROJETO FOI ELABORADO COM BASE NA NBR6118:2014,NBR8120/219, NBR8122/2019 ;
11. DEVERÃO SER OBEDECIDAS RIGOROSAMENTE TODAS AS INDICAÇÕES ESTABELECIDAS NA NORMA NBR6118/2014 - EXECUÇÃO DE ESTRUTURAS DE CONCRETO ARMADO E PROTENDIDO E NBR14931/2004 - EXECUÇÃO DE ESTRUTURAS DE CONCRETO;
12. COBRIMENTO DE ARMADURA, NÃO MENOR QUE O DIAMETRO DA BARRA E CONFORME NBR6118:2014;
13. PRAZO PARA RETIRADA DE FORMAS (EM CONDIÇÕES NORMAIS), NÃO ANTES DE:
   - FACES LATERAIS: 3 DIAS
   - FACES INFERIORES COM PONTALETES SEM AGUINHADOS E ESPACADOS: 14 DIAS
   - FACES INFERIORES SEM PONTALETES: 28 DIAS
   - TEMPO MÍNIMO DE CURA DO CONCRETO: 7 DIAS
14. AS BARRAS DA ARMADURA DEVERÃO SER MANTIDAS COM SEGURANÇA NOS LUGARES PREVISTOS DURANTE O LANÇAMENTO E O ADENSAMENTO DO CONCRETO. USAR ESPAÇADORES ADEQUADOS PARA GARANTIR O COBRIMENTO DE CONCRETO;
15. CONFERIR TODAS AS MEDIDAS ANTES DO CORTE, DOBRAMENTO E MONTAGEM DAS ARMADURAS.
16. CURA - A PROTEÇÃO CONTRA SECAGEM PREMATURA, PELO MENOS 10 DIAS APÓS O LANÇAMENTO DO CONCRETO, PODERÁ SER FEITA MANTENDO-SE UMEDECIDA A SUPERFÍCIE OU PROTEGENDO-SE COM PELÍCULA IMPERMEÁVEL.
17. PROIBIDO O USO DE ADITIVOS QUE CONTENHA CLORETOS;
18. AS FORMAS DEVERÃO ESTAR MOLHADAS ANTES DA CONCRETAGEM.

TABELA DE REVISÃO

NUM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL: AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000
COORDENADAS: 18°48'4.80"S 52°37'29.79"O
VISTO/CONVÊNIO: —
DATA: JUNHO/2026
ÁREA CONSTRUÍDA: 999,350 m²
ÁREA DO TERRENO: 2.108,99 m²

RESPONSÁVEL TÉCNICO PELO PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.05.25 11:57:08 -04'00'
CREA nº 52.720/MS

PROPRIETÁRIO
WALTER SCHLATTER

CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
LOCAÇÃO - FUNDAÇÃO - ARMAÇÃO DAS ESTACAS
PLANTA CHAVE
CORTES A, B, C, E

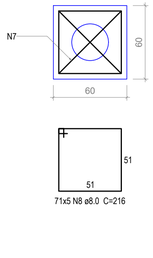
ESCALA: COMO INDICADO
FOLHA: 01/25
DESENHISTA: GUSTAVO BRAS

ESTRUTURA DE CONCRETO

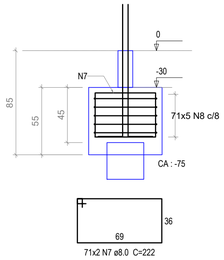
OBRA EM CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

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=B52=B53=B56=B57=B58=B59=B60=B61=B62
=B63=B64=B65=B68=B69=B70=B71=B72=B73
=B74=B75=B78=B79=B80=B81=B82=B87=B88
=B89=B90=B91=B92=B95=B97=B98=B99=B100
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1xD30 C=6m

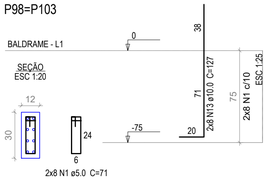
PLANTA
ESC 1:25



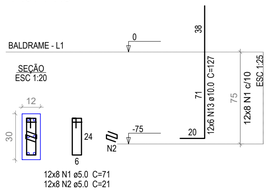
CORTE
ESC 1:25



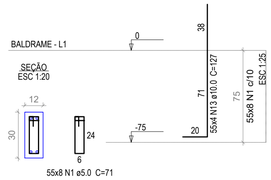
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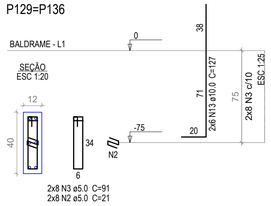
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=P11=P23=P24=P32=P37=
=P40=P41=P44=P45=P47=
=P48=P49=P50=P52=P53=
=P56=P57=P58=P59=P60=
=P61=P62=P63=P64=P65=
=P68=P71=P72=P75=P78=
=P81=P82=P87=P88=P91=
=P92=P99=P100=P101=
=P102=P108=P109=P116=
=P117=P123=P125=P126=
=P128



P129=P136



Relação do aço

34xB106
B133
B135
B136

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	848	71	60208
	2	5.0	136	21	2856
	3	5.0	32	91	2912
	4	5.0	14	208	2912
	5	5.0	16	75	1200
	6	5.0	8	23	184
CA50	7	8.0	210	222	46620
	8	8.0	525	216	113400
	9	8.0	20	207	4140
	10	8.0	28	153	4284
	11	8.0	28	396	11088
	12	8.0	49	182	8918
	13	10.0	504	127	64008
	14	10.0	8	206	1648

Resumo do aço

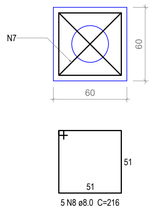
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	1884.5	158	743.6
	10.0	656.6	55	404.8
CA60	5.0	702.8	-	108.3

PESO TOTAL (kg)	
CA50	1148.4
CA60	108.3

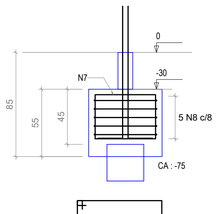
Volume de concreto (C-25) = 24.64 m³
Área de forma = 183.26 m²

B4=B8=B9=B14=B15=B16=B17=B18=B19=B20
=B29=B30=B31=B38=B39=B42=B43=B46=B51
=B54=B55=B66=B67=B76=B77=B83=B84=B85
=B86=B93=B94=B96=B105=B106
1xD30 C=3m

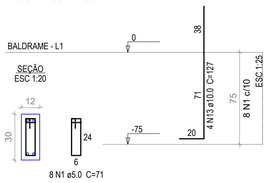
PLANTA
ESC 1:25



CORTE
ESC 1:25

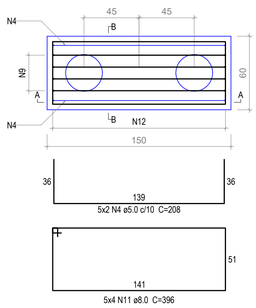


P4=P8=P9=P14=P15=P16=
=P17=P18=P19=P20=P29=
=P30=P31=P38=P39=P42=
=P43=P46=P51=P54=P55=
=P66=P67=P76=P77=P83=
=P84=P85=P86=P93=P94=
=P96=P105=P106

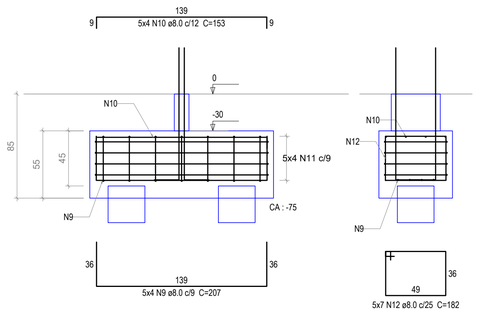


B112=B120=B121=B130=B135
2xD30 C=6m

PLANTA
ESC 1:25

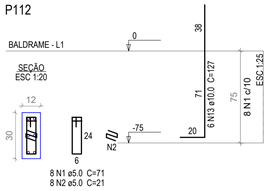


CORTE A-A
ESC 1:25

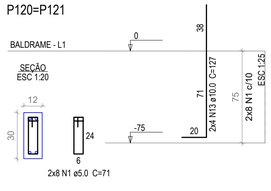


CORTE B-B
ESC 1:25

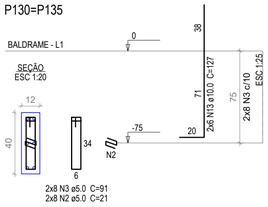
P112



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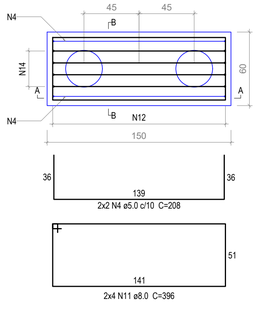


P130=P135

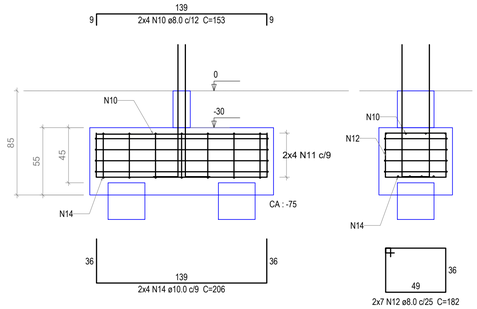


B132=B133
2xD30 C=6m

PLANTA
ESC 1:25

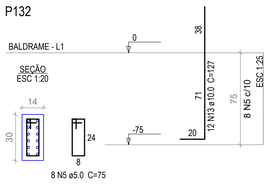


CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25

P132



P133

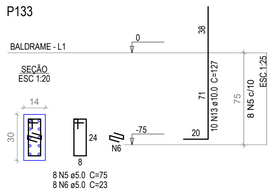


TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:54:17 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO BLOCOS PARTE 1

ESCALA
COMO INDICADO

DESENHISTA
GUSTAVO BRIAS

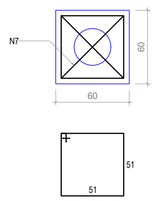
FOLHA
02/25

ESTRUTURA DE CONCRETO

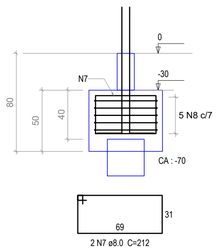
CHA-3306-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

B134
1xD30 C=6m

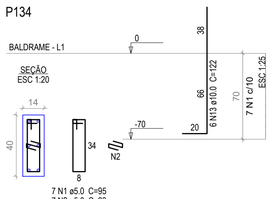
PLANTA
ESC 1:25



CORTE
ESC 1:25

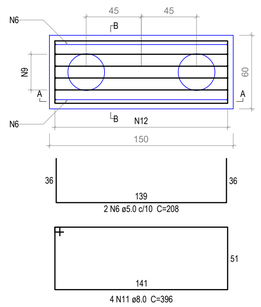


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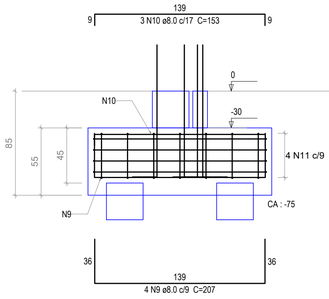


B25-26
2xD30 C=3m

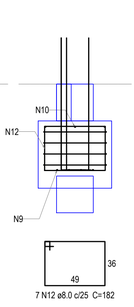
PLANTA
ESC 1:25



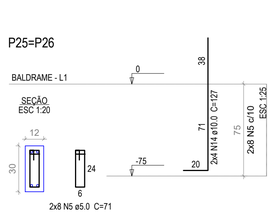
CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25

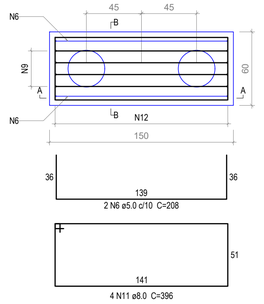


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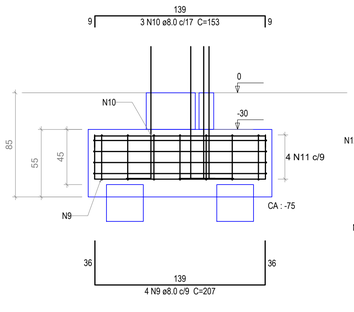


B12-13
2xD30 C=3m

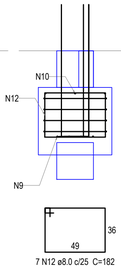
PLANTA
ESC 1:25



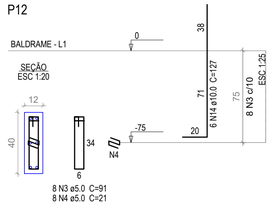
CORTE A-A
ESC 1:25



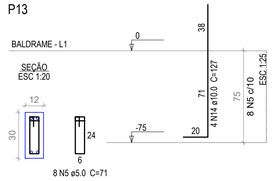
CORTE B-B
ESC 1:25



P12



P13



B21-22
2xD30 C=3m

PLANTA
ESC 1:25

CORTE A-A
ESC 1:25

CORTE B-B
ESC 1:25

P21

P22

B119=B122=B124=B127=B131
2xD30 C=6m

PLANTA
ESC 1:25

CORTE A-A
ESC 1:25

CORTE B-B
ESC 1:25

P119=P122

P124

P127

P131

Relação do aço

B134
B25-26
B12-13
B21-22

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	7	95	665
	2	5.0	7	23	161
	3	5.0	16	91	1456
	4	5.0	16	21	336
	5	5.0	32	71	2272
	6	5.0	6	208	1248
CA50	7	8.0	2	212	424
	8	8.0	5	216	1080
	9	8.0	12	207	2484
	10	8.0	9	153	1377
	11	8.0	12	396	4752
	12	8.0	21	182	3822
	13	10.0	6	122	732
	14	10.0	28	127	3556

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	139.4	12	55
	10.0	42.9	4	26.4
CA60	5.0	61.4	-	9.5
PESO TOTAL (kg)				
CA50	81.4			
CA60	9.5			

Volume de concreto (C-25) = 1.7 m³
Área de forma = 10.09 m²

Relação do aço

B131

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	14	71	994
	2	5.0	14	91	1274
	3	5.0	35	21	735
	4	5.0	7	95	665
	5	5.0	7	23	161
	6	5.0	10	198	1980
CA50	7	8.0	20	197	3940
	8	8.0	20	153	3060
	9	8.0	25	396	9900
	10	8.0	35	172	6020
	11	10.0	44	122	5368

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	229.2	20	90.4
	10.0	53.7	5	33.1
CA60	5.0	58.1	-	9
PESO TOTAL (kg)				
CA50	123.5			
CA60	9			

Volume de concreto (C-25) = 2.25 m³
Área de forma = 11.95 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:54:01 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO BLOCOS PARTE 2

ESCALA
COMO INDICADO

FOLHA
03/25

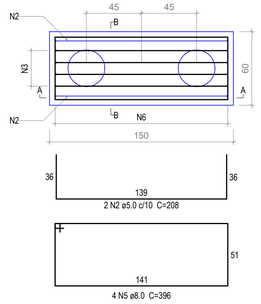
DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

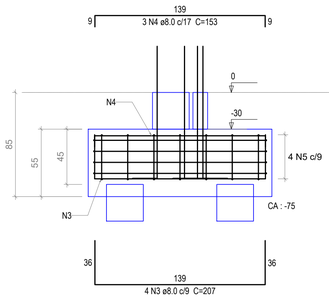
CHA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

B27-28
2xD30 C=3m

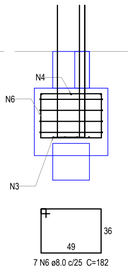
PLANTA
ESC 1:25



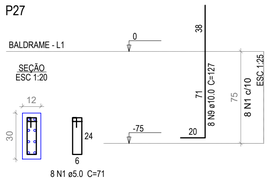
CORTE A-A
ESC 1:25



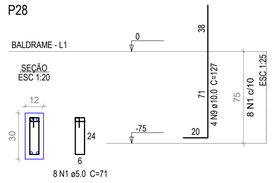
CORTE B-B
ESC 1:25



P27

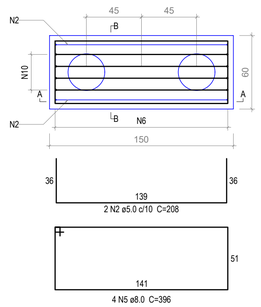


P28

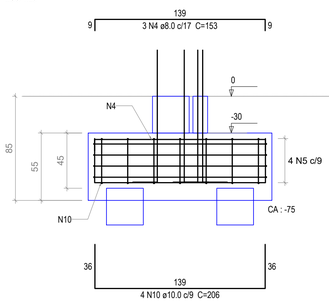


B33-34
2xD30 C=6m

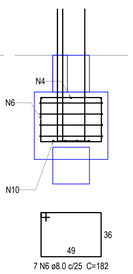
PLANTA
ESC 1:25



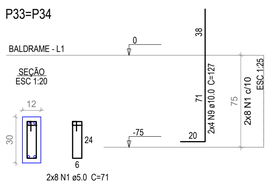
CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25

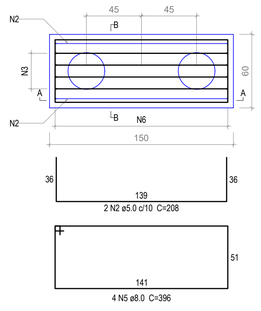


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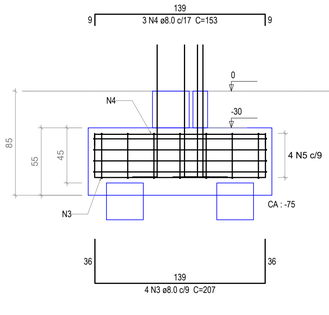


B35-36
2xD30 C=3m

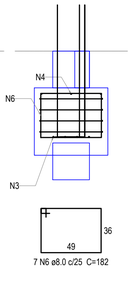
PLANTA
ESC 1:25



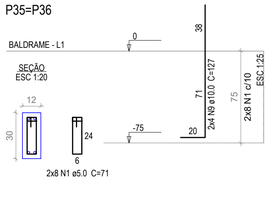
CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25

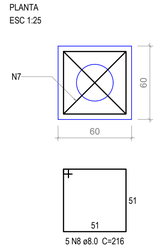


P35=P36

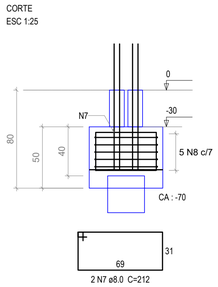


B110-111
1xD30 C=6m

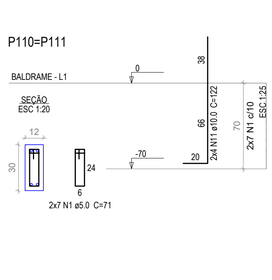
PLANTA
ESC 1:25



CORTE
ESC 1:25

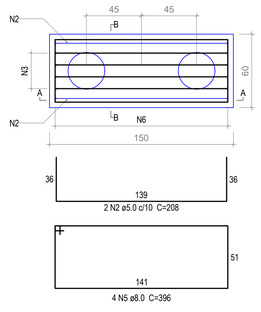


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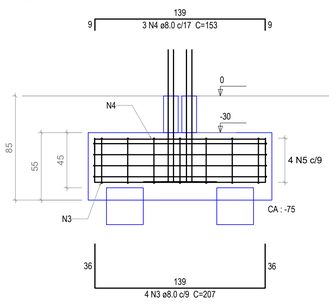


B114-115
2xD30 C=3m

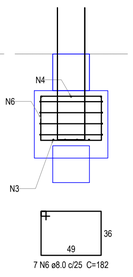
PLANTA
ESC 1:25



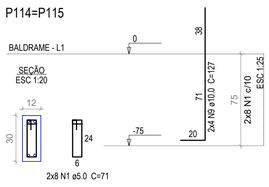
CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25

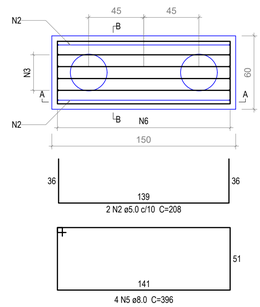


P114=P115

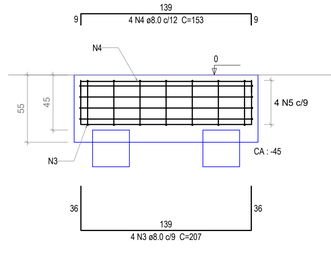


BM1=BM2
2xD30 C=6m

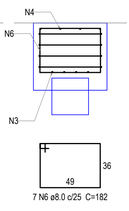
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25



Relação do aço

B27-28
B110-111

B33-34
B114-115

B35-36
2xBM2

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	78	71	5538
	2	5.0	12	208	2496
CA50	3	8.0	20	207	4140
	4	8.0	20	153	3060
	5	8.0	24	396	9504
	6	8.0	42	182	7644
	7	8.0	2	212	424
	8	8.0	5	216	1080
	9	10.0	36	127	4572
	10	10.0	4	206	824
	11	10.0	8	122	976

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	258.6	22	102
	10.0	63.8	6	39.3
CA60	5.0	80.4	-	12.4

PESO TOTAL (kg)	
CA50	141.3
CA60	12.4

Volume de concreto (C-25) = 3.17 m³
Área de forma = 17.58 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:55:37 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO BLOCOS PARTE 3

ESCALA
COMO INDICADO

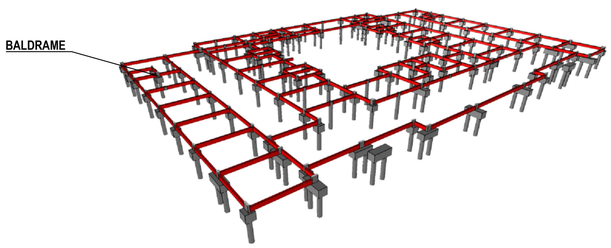
DESENHISTA
GUSTAVO BRIAS

FOLHA
04/25

ESTRUTURA DE CONCRETO

CHA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

1 PLANTA DE FÔRMAS BALDRAME
1:75



2 PERSPECTIVA DO BALDRAME
SEM ESCALA

Caracteristicas dos materiais

fck (kgf/cm²)
250

Legenda dos pilares

	Pilar que passa

Legenda das vigas e paredes

	Viga

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°46'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS:
Dados: 2026.06.25 15:55:26 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
PLANTA DE FORMAS BALDRAME

ESCALA
COMO INDICADO

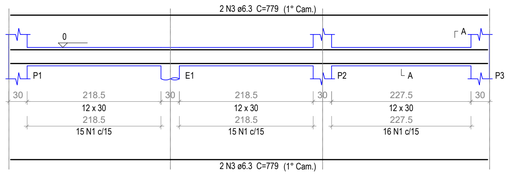
DESENHISTA
GUSTAVO BRIAS

FOLHA
05/25

ESTRUTURA DE CONCRETO

CHA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

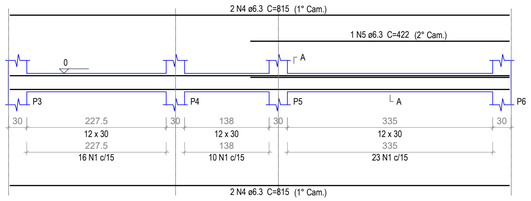
VB1
ESC 1:50



SEÇÃO A-A
ESC 1:25



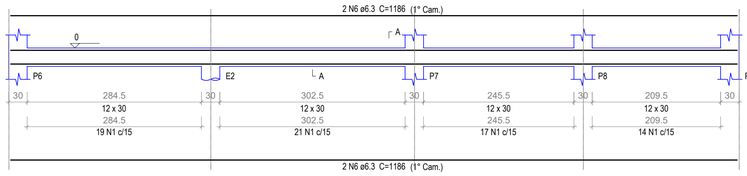
VB2
ESC 1:50



SEÇÃO A-A
ESC 1:25



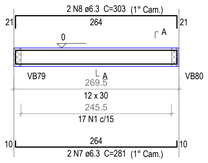
VB3
ESC 1:50



SEÇÃO A-A
ESC 1:25



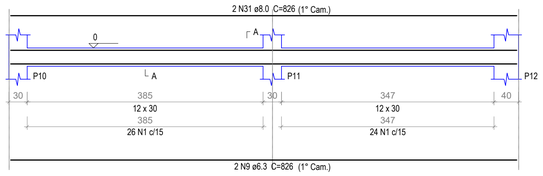
VB4
ESC 1:50



SEÇÃO A-A
ESC 1:25



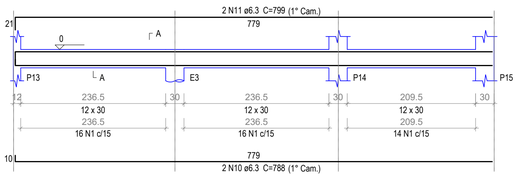
VB5
ESC 1:50



SEÇÃO A-A
ESC 1:25



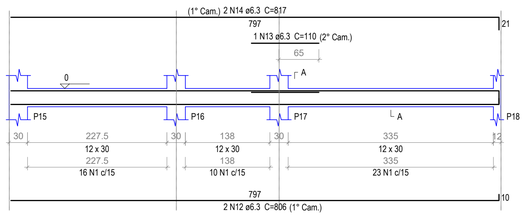
VB6
ESC 1:50



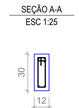
SEÇÃO A-A
ESC 1:25



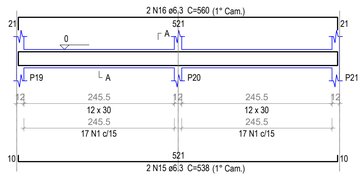
VB7
ESC 1:50



SEÇÃO A-A
ESC 1:25



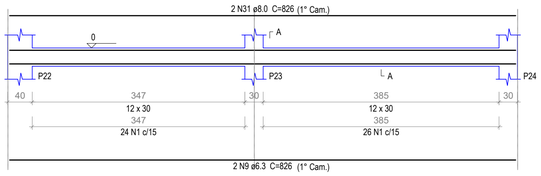
VB8
ESC 1:50



SEÇÃO A-A
ESC 1:25



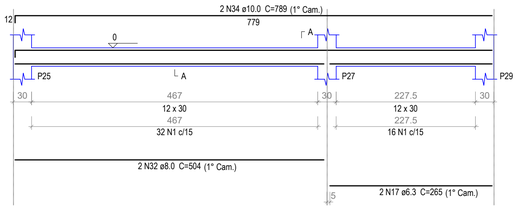
VB9
ESC 1:50



SEÇÃO A-A
ESC 1:25



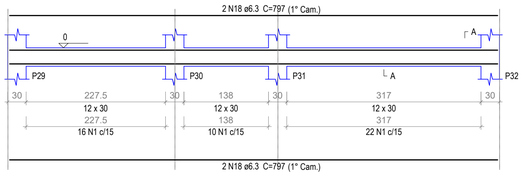
VB10
ESC 1:50



SEÇÃO A-A
ESC 1:25



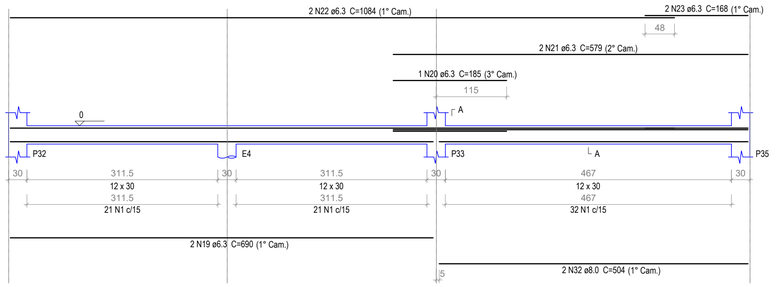
VB11
ESC 1:50



SEÇÃO A-A
ESC 1:25



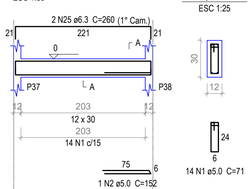
VB12
ESC 1:50



SEÇÃO A-A
ESC 1:25

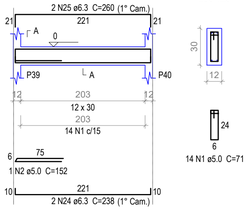


VB13
ESC 1:50



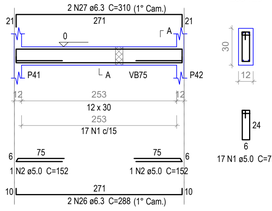
SEÇÃO A-A
ESC 1:25

VB14
ESC 1:50



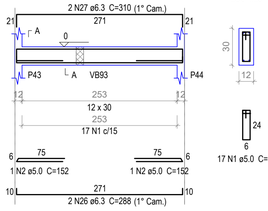
SEÇÃO A-A
ESC 1:25

VB15
ESC 1:50



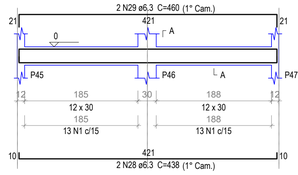
SEÇÃO A-A
ESC 1:25

VB16
ESC 1:50



SEÇÃO A-A
ESC 1:25

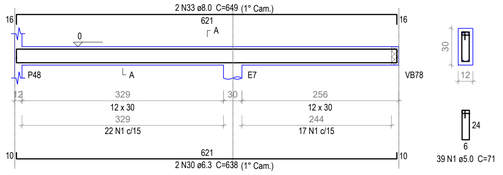
VB17
ESC 1:50



SEÇÃO A-A
ESC 1:25



VB18
ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

VB1	VB2	VB3
VB4	VB5	VB6
VB7	VB8	VB9
VB10	VB11	VB12
VB13	VB14	VB15
VB16	VB17	VB18

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	709	71	50339
	2	5.0	6	152	912
CA50	3	6.3	4	779	3116
	4	6.3	4	815	3260
	5	6.3	1	422	422
	6	6.3	4	1186	4744
	7	6.3	2	281	562
	8	6.3	2	303	606
	9	6.3	4	826	3304
	10	6.3	2	788	1576
	11	6.3	2	799	1598
	12	6.3	2	806	1612
	13	6.3	1	110	110
	14	6.3	2	817	1634
	15	6.3	2	538	1076
	16	6.3	2	560	1120
	17	6.3	2	265	530
	18	6.3	4	797	3188
	19	6.3	2	690	1380
	20	6.3	1	185	185
	21	6.3	2	579	1158
	22	6.3	2	1084	2168
	23	6.3	2	168	336
	24	6.3	4	238	952
	25	6.3	4	260	1040
	26	6.3	4	288	1152
	27	6.3	4	310	1240
	28	6.3	2	438	876
	29	6.3	2	460	920
	30	6.3	2	638	1276
	31	8.0	4	826	3304
	32	8.0	4	504	2016
	33	8.0	2	649	1298
	34	10.0	2	789	1578

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	411.5	35	100.7
	8.0	66.2	6	26.1
	10.0	15.8	2	9.7
CA60	5.0	512.6	-	79

PESO TOTAL (kg)	
CA50	136.5
CA60	79

Volume de concreto (C-25) = 3.77 m³
Área de forma = 75.48 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL: AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000
COORDENADAS: 18°46'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:56:53 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

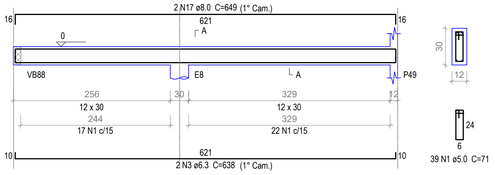
CONTEÚDO
ARMAÇÃO VIGAS BALDRAME PARTE 1

ESCALA: COMO INDICADO
DESENHISTA: GUSTAVO BRIAS
FOLHA: 06/25

ESTRUTURA DE CONCRETO

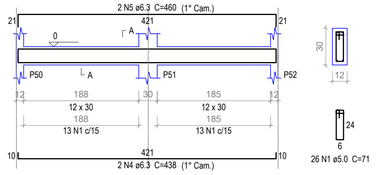
DA-268-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

VB19
ESC 1:50



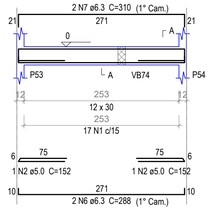
SEÇÃO A-A
ESC 1:25

VB20
ESC 1:50

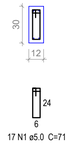


SEÇÃO A-A
ESC 1:25

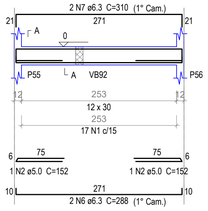
VB21
ESC 1:50



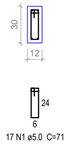
SEÇÃO A-A
ESC 1:25



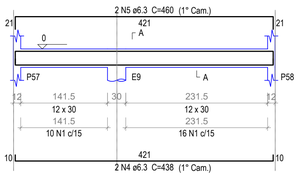
VB22
ESC 1:50



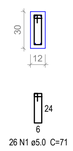
SEÇÃO A-A
ESC 1:25



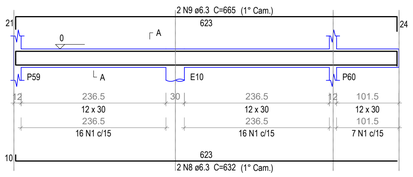
VB23
ESC 1:50



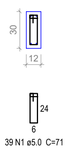
SEÇÃO A-A
ESC 1:25



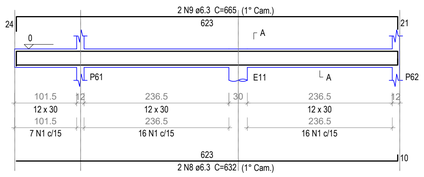
VB24
ESC 1:50



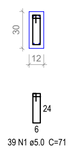
SEÇÃO A-A
ESC 1:25



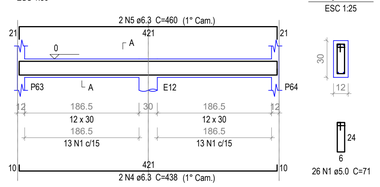
VB25
ESC 1:50



SEÇÃO A-A
ESC 1:25

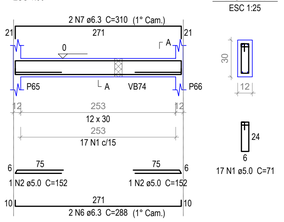


VB26
ESC 1:50



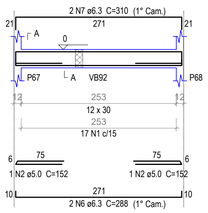
SEÇÃO A-A
ESC 1:25

VB27
ESC 1:50

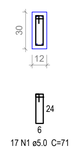


SEÇÃO A-A
ESC 1:25

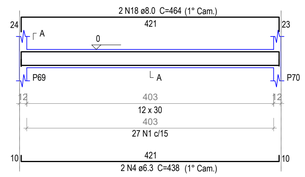
VB28
ESC 1:50



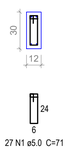
SEÇÃO A-A
ESC 1:25



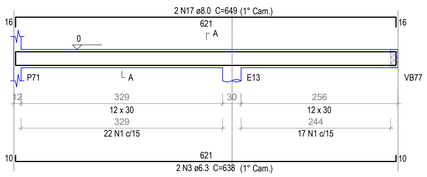
VB29
ESC 1:50



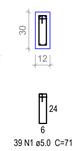
SEÇÃO A-A
ESC 1:25



VB30
ESC 1:50



SEÇÃO A-A
ESC 1:25



VB31
ESC 1:50

SEÇÃO A-A
ESC 1:25

VB32
ESC 1:50

SEÇÃO A-A
ESC 1:25

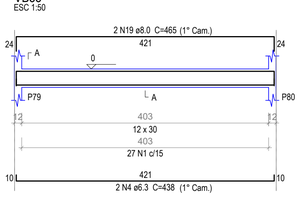
VB33
ESC 1:50

SEÇÃO A-A
ESC 1:25

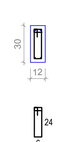
VB34
ESC 1:50

SEÇÃO A-A
ESC 1:25

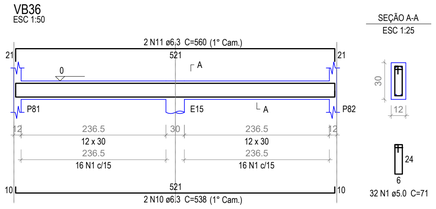
VB35
ESC 1:50



SEÇÃO A-A
ESC 1:25

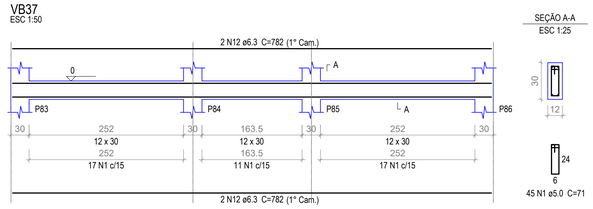


VB36
ESC 1:50



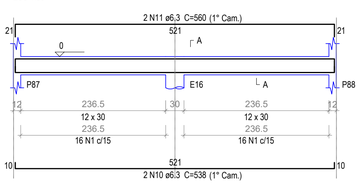
SEÇÃO A-A
ESC 1:25

VB37
ESC 1:50

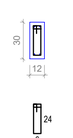


SEÇÃO A-A
ESC 1:25

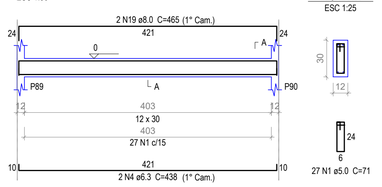
VB38
ESC 1:50



SEÇÃO A-A
ESC 1:25

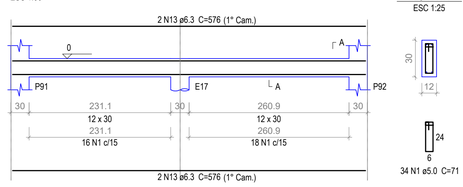


VB39
ESC 1:50



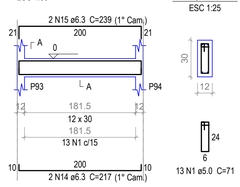
SEÇÃO A-A
ESC 1:25

VB40
ESC 1:50



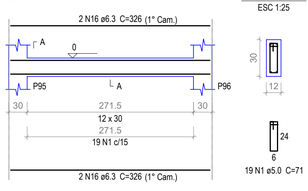
SEÇÃO A-A
ESC 1:25

VB41
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB42
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB43
ESC 1:50

SEÇÃO A-A
ESC 1:25

VB44
ESC 1:50

SEÇÃO A-A
ESC 1:25

VB45
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VB19	VB20	VB21
VB22	VB23	VB24
VB25	VB26	VB27
VB28	VB29	VB30
VB31	VB32	VB33
VB34	VB35	VB36
VB37	VB38	VB39
VB40	VB41	VB42
VB43	VB44	VB45

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	749	71	53179
	2	5.0	12	152	1824
CA50	3	6.3	6	638	3828
	4	6.3	16	438	7008
	5	6.3	6	460	2760
	6	6.3	12	288	3456
	7	6.3	12	310	3720
	8	6.3	4	632	2528
	9	6.3	4	665	2660
	10	6.3	8	538	4304
	11	6.3	8	560	4480
	12	6.3	4	782	3128
	13	6.3	4	576	2304
	14	6.3	2	217	434
	15	6.3	2	239	478
	16	6.3	4	326	1304
	17	8.0	6	649	3894
	18	8.0	6	464	2784
	19	8.0	4	465	1860

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	424	36	103.7
	8.0	85.4	8	33.7
CA60	5.0	550.1	-	84.8

PESO TOTAL (kg)	
CA50	137.4
CA60	84.8

Volume de concreto (C-25) = 4.1 m³
Área de forma = 82.1 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:55:49 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS BALDRAME PARTE 2

ESCALA
COMO INDICADO

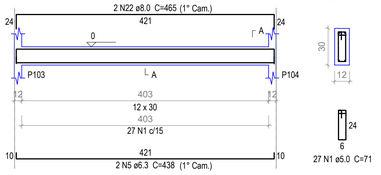
FOLHA
07/25

DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

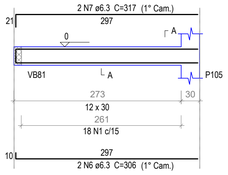
OBRA 2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

VB46
ESC 1:50

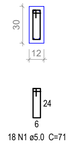


SEÇÃO A-A
ESC 1:25

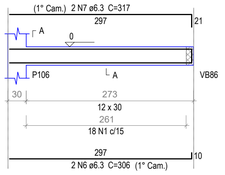
VB47
ESC 1:50



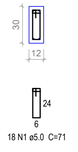
SEÇÃO A-A
ESC 1:25



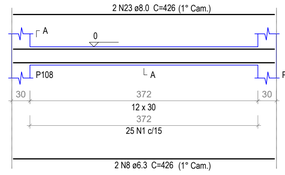
VB48
ESC 1:50



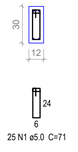
SEÇÃO A-A
ESC 1:25



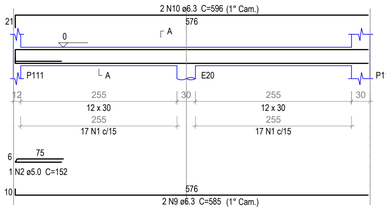
VB49
ESC 1:50



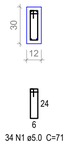
SEÇÃO A-A
ESC 1:25



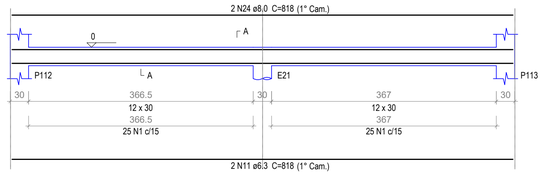
VB50
ESC 1:50



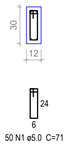
SEÇÃO A-A
ESC 1:25



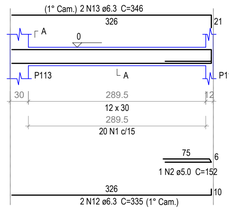
VB51
ESC 1:50



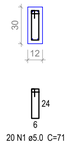
SEÇÃO A-A
ESC 1:25



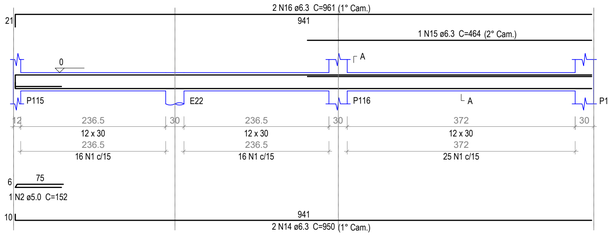
VB52
ESC 1:50



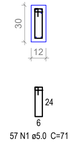
SEÇÃO A-A
ESC 1:25



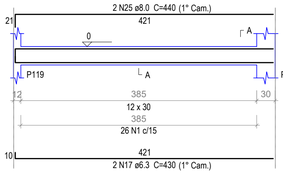
VB53
ESC 1:50



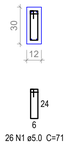
SEÇÃO A-A
ESC 1:25



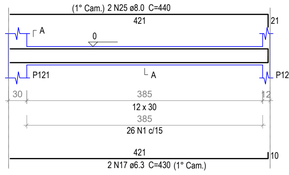
VB54
ESC 1:50



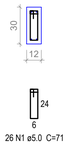
SEÇÃO A-A
ESC 1:25



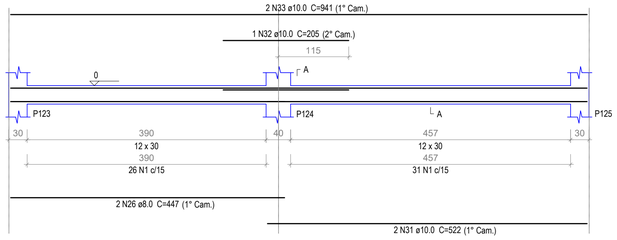
VB55
ESC 1:50



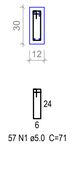
SEÇÃO A-A
ESC 1:25



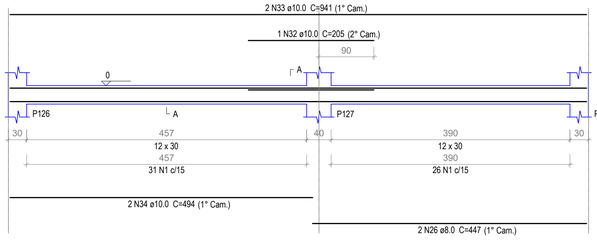
VB56
ESC 1:50



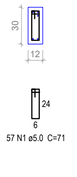
SEÇÃO A-A
ESC 1:25



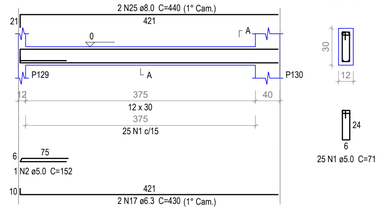
VB57
ESC 1:50



SEÇÃO A-A
ESC 1:25

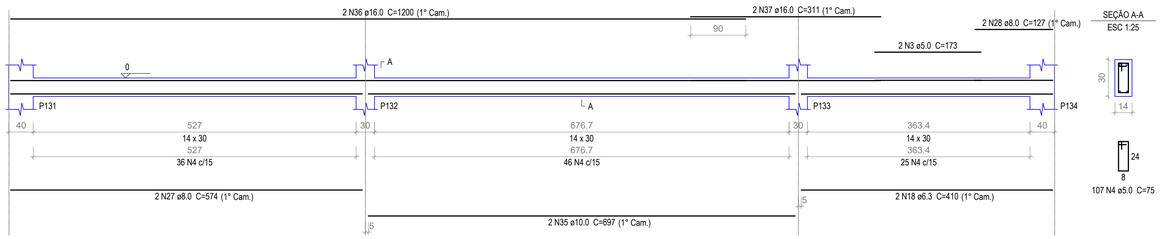


VB58
ESC 1:50



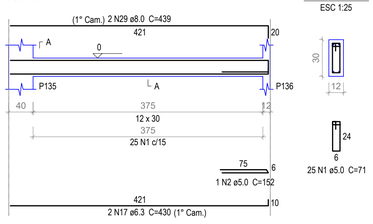
SEÇÃO A-A
ESC 1:25

VB59
ESC 1:50



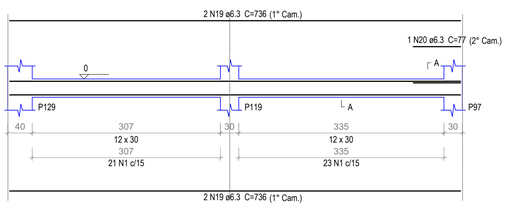
SEÇÃO A-A
ESC 1:25

VB60
ESC 1:50

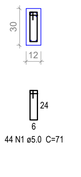


SEÇÃO A-A
ESC 1:25

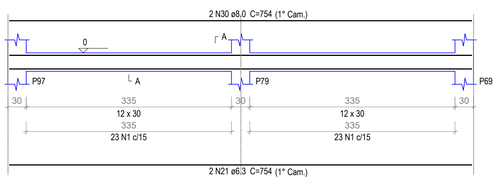
VB61
ESC 1:50



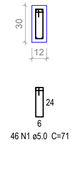
SEÇÃO A-A
ESC 1:25



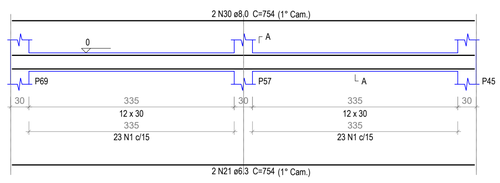
VB62
ESC 1:50



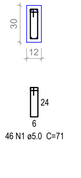
SEÇÃO A-A
ESC 1:25



VB63
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

VB46	VB47	VB48
VB49	VB50	VB51
VB52	VB53	VB54
VB55	VB56	VB57
VB58	VB59	VB60
VB61	VB62	VB63

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	601	71	42671
	2	5.0	5	152	760
	3	5.0	2	173	346
	4	5.0	107	75	8025
CA50	5	6.3	2	438	876
	6	6.3	4	306	1224
	7	6.3	4	317	1268
	8	6.3	2	426	852
	9	6.3	2	585	1170
	10	6.3	2	596	1192
	11	6.3	2	818	1636
	12	6.3	2	335	670
	13	6.3	2	346	692
	14	6.3	2	950	1900
	15	6.3	1	464	464
	16	6.3	2	961	1922
	17	6.3	8	430	3440
	18	6.3	2	410	820
	19	6.3	4	736	2944
	20	6.3	1	77	77
	21	6.3	4	754	3016
	22	8.0	2	465	930
	23	8.0	2	426	852
	24	8.0	2	818	1636
	25	8.0	6	440	2640
	26	8.0	4	447	1788
	27	8.0	2	574	1148
	28	8.0	2	127	254
	29	8.0	2	439	878
	30	8.0	4	754	3016
	31	10.0	2	522	1044
	32	10.0	2	205	410
	33	10.0	4	941	3764
	34	10.0	2	494	988
	35	10.0	2	697	1394
	36	16.0	2	1200	2400
	37	16.0	2	311	622

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	241.7	21	59.1
	8.0	131.5	11	51.9
	10.0	76	7	46.9
	16.0	30.3	3	47.7
CA60	5.0	518.1	-	79.8

PESO TOTAL (kg)	
CA50	205.5
CA60	79.8

Volume de concreto (C-25) = 3.89 m³
Área de forma = 76.2 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:56:38 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS BALDRAME PARTE 3

ESCALA
COMO INDICADO

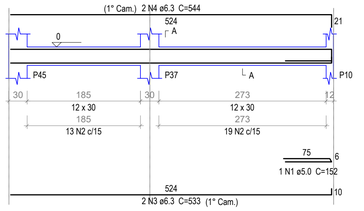
FOLHA
08/25

DESENHISTA
GUSTAVO BRIAS

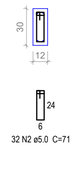
ESTRUTURA DE CONCRETO

CHA-308-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

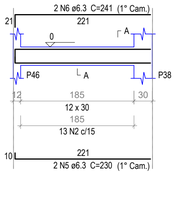
VB64
ESC 1:50



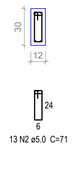
SEÇÃO A-A
ESC 1:25



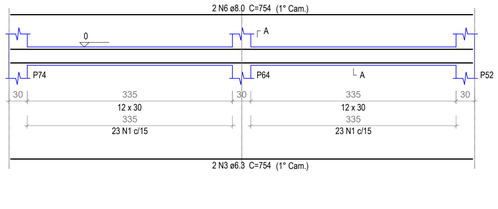
VB65
ESC 1:50



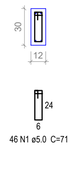
SEÇÃO A-A
ESC 1:25



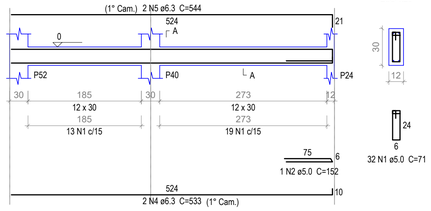
VB104
ESC 1:50



SEÇÃO A-A
ESC 1:25

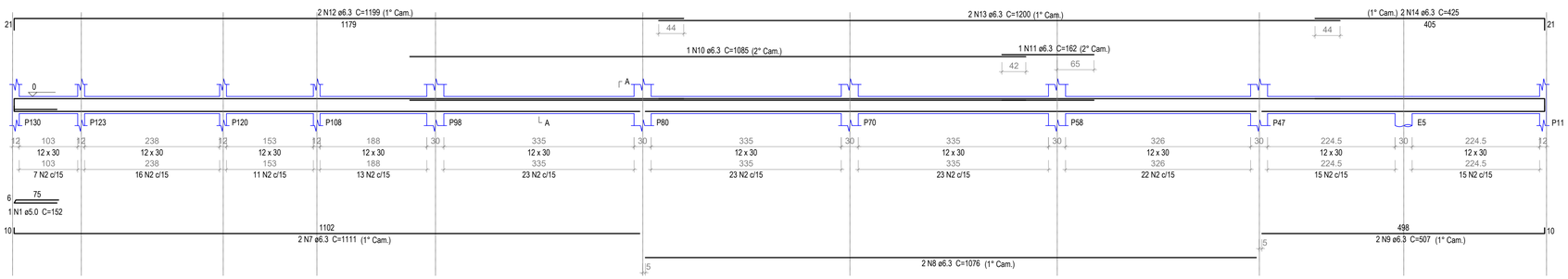


VB105
ESC 1:50

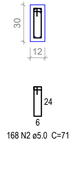


SEÇÃO A-A
ESC 1:25

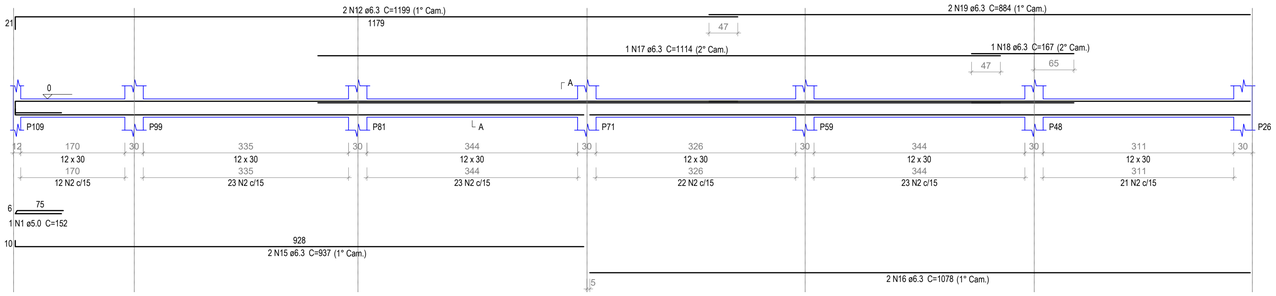
VB66
ESC 1:50



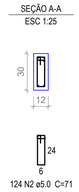
SEÇÃO A-A
ESC 1:25



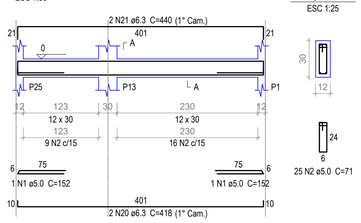
VB67
ESC 1:50



SEÇÃO A-A
ESC 1:25

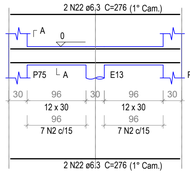


VB68
ESC 1:50

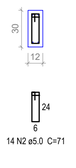


SEÇÃO A-A
ESC 1:25

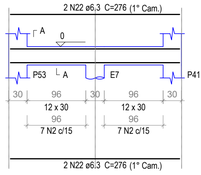
VB69
ESC 1:50



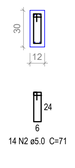
SEÇÃO A-A
ESC 1:25



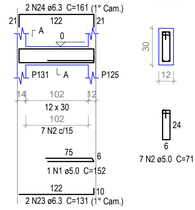
VB70
ESC 1:50



SEÇÃO A-A
ESC 1:25

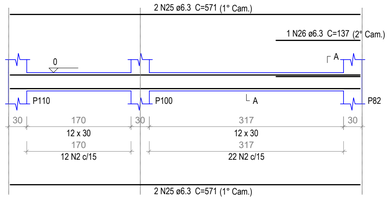


VB71
ESC 1:50

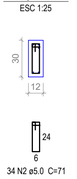


SEÇÃO A-A
ESC 1:25

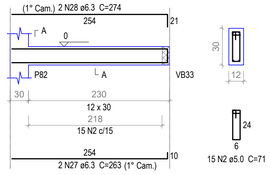
VB72
ESC 1:50



SEÇÃO A-A
ESC 1:25

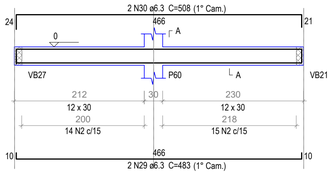


VB73
ESC 1:50

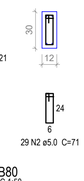


SEÇÃO A-A
ESC 1:25

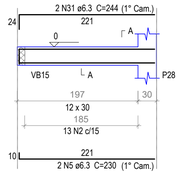
VB74
ESC 1:50



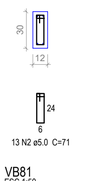
SEÇÃO A-A
ESC 1:25



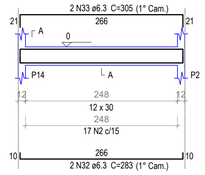
VB75
ESC 1:50



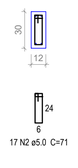
SEÇÃO A-A
ESC 1:25



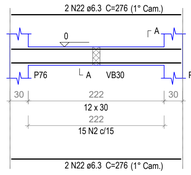
VB76
ESC 1:50



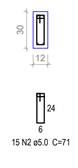
SEÇÃO A-A
ESC 1:25



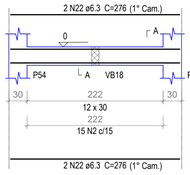
VB77
ESC 1:50



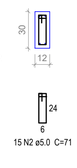
SEÇÃO A-A
ESC 1:25



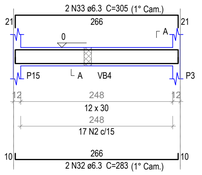
VB78
ESC 1:50



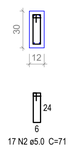
SEÇÃO A-A
ESC 1:25



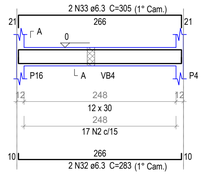
VB79
ESC 1:50



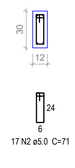
SEÇÃO A-A
ESC 1:25



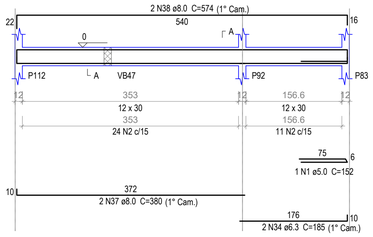
VB80
ESC 1:50



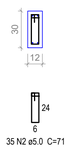
SEÇÃO A-A
ESC 1:25



VB81
ESC 1:50



SEÇÃO A-A
ESC 1:25



VB82
ESC 1:50

SEÇÃO A-A
ESC 1:25

VB83
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VB104 VB105

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	78	71	5538
	2	5.0	1	152	152
CA50	3	6.3	2	754	1508
	4	6.3	2	533	1066
	5	6.3	2	544	1088
	6	8.0	2	754	1508

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	36.7	4	9
	8.0	15.1	2	6
CA60	5.0	56.9	-	8.8
PESO TOTAL (kg)				
CA50	14.9			
CA60	8.8			

Volume de concreto (C-25) = 0.41 m³
Área de forma = 8.12 m²

Relação do aço

VB64 VB65 VB66
VB67 VB68 VB69
VB70 VB71 VB72
VB73 VB74 VB75
VB76 VB77 VB78
VB79 VB80 VB81
VB82 VB83

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	152	1216
	2	5.0	645	71	45795
CA50	3	6.3	2	533	1066
	4	6.3	2	544	1088
	5	6.3	4	230	920
	6	6.3	2	241	482
	7	6.3	2	1111	2222
	8	6.3	2	1076	2152
	9	6.3	2	507	1014
	10	6.3	1	1085	1085
	11	6.3	1	162	162
	12	6.3	4	1199	4796
	13	6.3	2	1200	2400
	14	6.3	2	425	850
	15	6.3	2	937	1874
	16	6.3	2	1078	2156
	17	6.3	1	1114	1114
	18	6.3	1	167	167
	19	6.3	2	884	1768
	20	6.3	2	418	836
	21	6.3	2	440	880
	22	6.3	16	276	4416
	23	6.3	2	131	262
	24	6.3	2	161	322
	25	6.3	4	571	2284
	26	6.3	1	137	137
	27	6.3	2	263	526
	28	6.3	2	274	548
	29	6.3	2	483	966
	30	6.3	2	508	1016
	31	6.3	2	244	488
	32	6.3	8	283	2264
	33	6.3	8	305	2440
	34	6.3	2	185	370
	35	6.3	2	412	824
	36	6.3	2	434	868
	37	8.0	2	380	760
	38	8.0	2	574	1148

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	447.7	38	109.5
	8.0	19.1	2	7.5
CA60	5.0	470.2	-	72.5
PESO TOTAL (kg)				
CA50	117.1			
CA60	72.5			

Volume de concreto (C-25) = 3.42 m³
Área de forma = 68.32 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:55:12 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS BALDRAME PARTE 4

ESCALA
COMO INDICADO

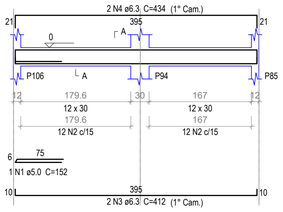
FOLHA
09/25

DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

OA-3208-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

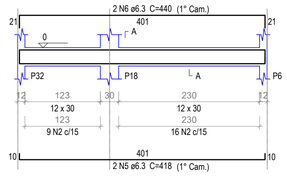
VB84
ESC 1:50



SEÇÃO A-A
ESC 1:25



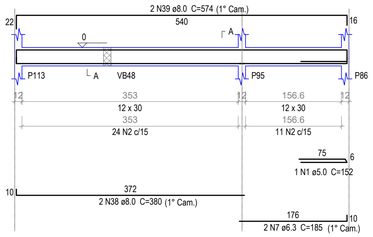
VB85
ESC 1:50



SEÇÃO A-A
ESC 1:25



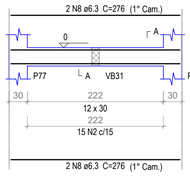
VB86
ESC 1:50



SEÇÃO A-A
ESC 1:25



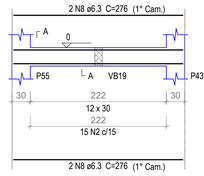
VB87
ESC 1:50



SEÇÃO A-A
ESC 1:25



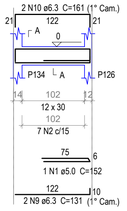
VB88
ESC 1:50



SEÇÃO A-A
ESC 1:25



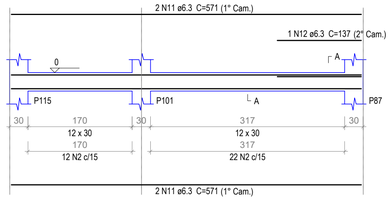
VB89
ESC 1:50



SEÇÃO A-A
ESC 1:25



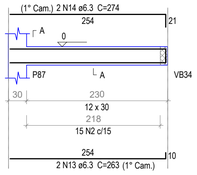
VB90
ESC 1:50



SEÇÃO A-A
ESC 1:25



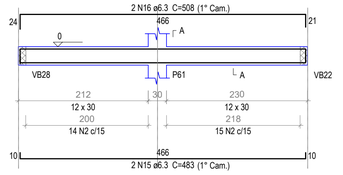
VB91
ESC 1:50



SEÇÃO A-A
ESC 1:25



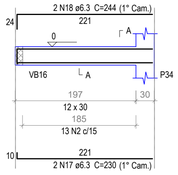
VB92
ESC 1:50



SEÇÃO A-A
ESC 1:25



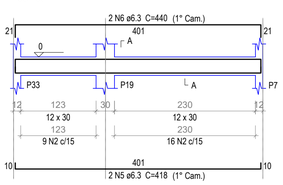
VB93
ESC 1:50



SEÇÃO A-A
ESC 1:25



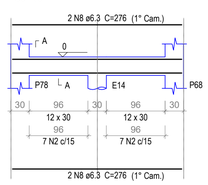
VB94
ESC 1:50



SEÇÃO A-A
ESC 1:25



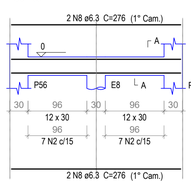
VB95
ESC 1:50



SEÇÃO A-A
ESC 1:25



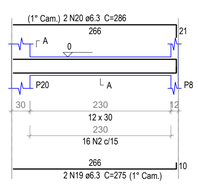
VB96
ESC 1:50



SEÇÃO A-A
ESC 1:25



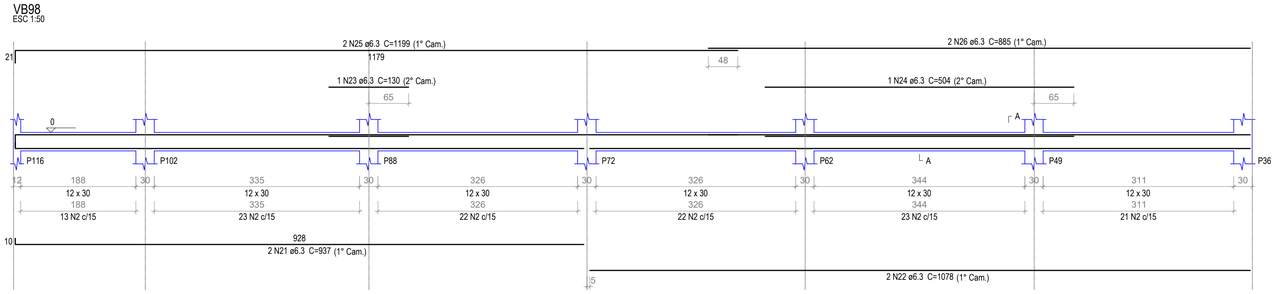
VB97
ESC 1:50



SEÇÃO A-A
ESC 1:25



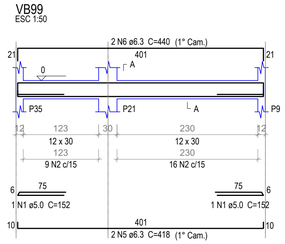
VB98
ESC 1:50



SEÇÃO A-A
ESC 1:25



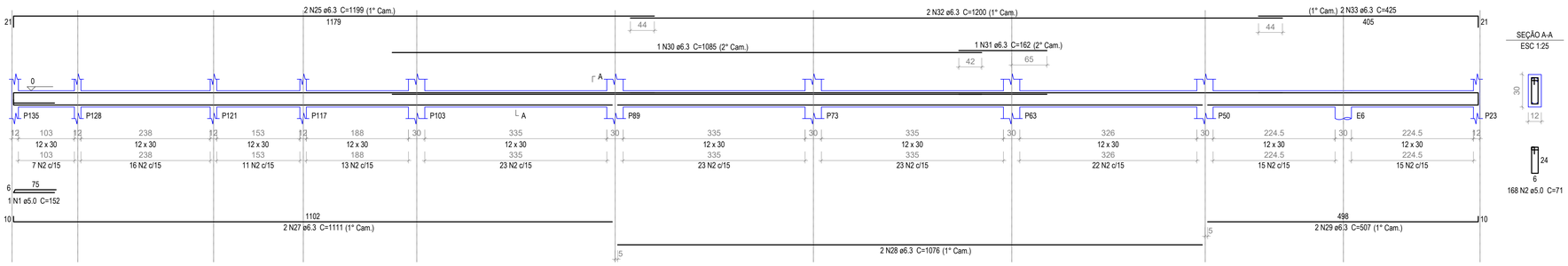
VB99
ESC 1:50



SEÇÃO A-A
ESC 1:25

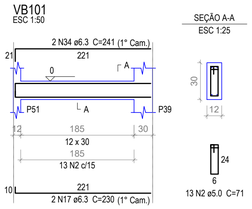


VB100
ESC 1:50



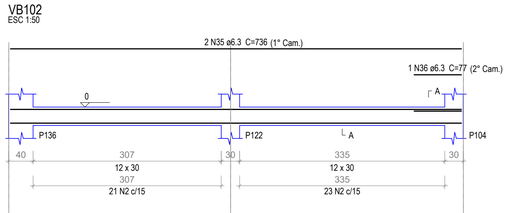
SEÇÃO A-A
ESC 1:25

VB101
ESC 1:50



SEÇÃO A-A
ESC 1:25

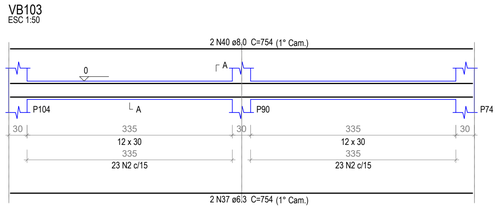
VB102
ESC 1:50



SEÇÃO A-A
ESC 1:25



VB103
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

VB84	VB85	VB86
VB87	VB88	VB89
VB90	VB91	VB92
VB93	VB94	VB95
VB96	VB97	VB98
VB99	VB100	VB101
VB102	VB103	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	6	152	912
	2	5.0	701	71	49771
CA50	3	6.3	2	412	824
	4	6.3	2	434	868
	5	6.3	6	418	2508
	6	6.3	6	440	2640
	7	6.3	2	185	370
	8	6.3	16	276	4416
	9	6.3	2	131	262
	10	6.3	2	161	322
	11	6.3	4	571	2284
	12	6.3	1	137	137
	13	6.3	2	263	526
	14	6.3	2	274	548
	15	6.3	2	483	966
	16	6.3	2	508	1016
	17	6.3	4	230	920
	18	6.3	2	244	488
	19	6.3	2	275	550
	20	6.3	2	286	572
	21	6.3	2	937	1874
	22	6.3	2	1078	2156
	23	6.3	1	130	130
	24	6.3	1	504	504
	25	6.3	4	1199	4796
	26	6.3	2	885	1770
	27	6.3	2	1111	2222
	28	6.3	2	1076	2152
	29	6.3	2	507	1014
	30	6.3	1	1085	1085
	31	6.3	1	162	162
	32	6.3	2	1200	2400
	33	6.3	2	425	850
	34	6.3	2	241	482
	35	6.3	4	736	2944
	36	6.3	1	77	77
	37	6.3	2	754	1508
	38	8.0	2	380	760
	39	8.0	2	574	1148
	40	8.0	2	754	1508

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	463.5	39	113.4
	8.0	34.2	3	13.5
CA60	5.0	506.9	-	78.1
PESO TOTAL (kg)				
CA50	126.9			
CA60	78.1			

Volume de concreto (C-25) = 3.7 m³
Área de forma = 74.06 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:54:52 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
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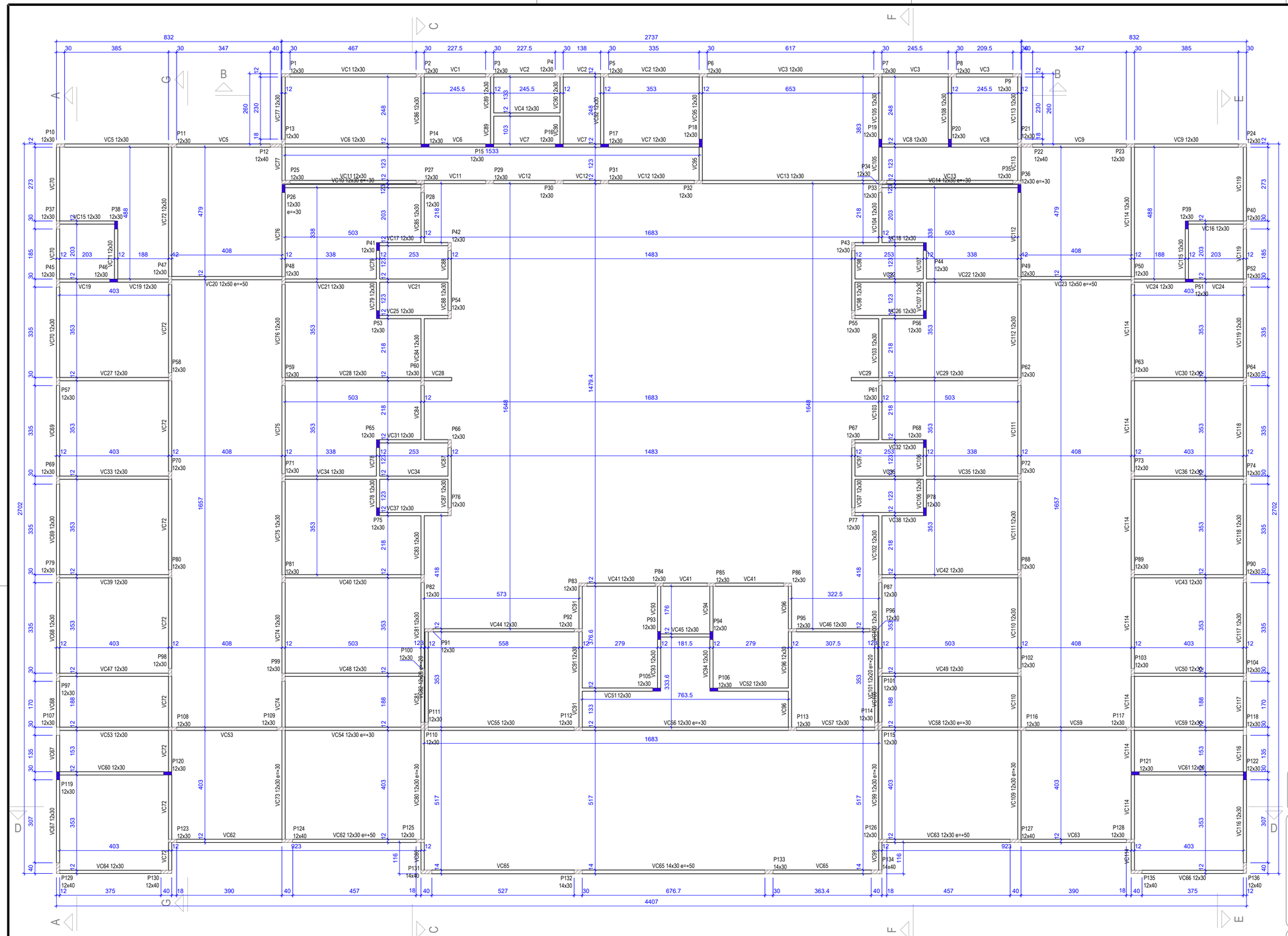
ESCALA
COMO INDICADO

DESENHISTA
GUSTAVO BRIAS

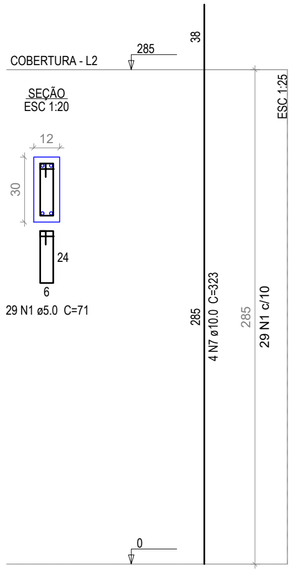
FOLHA
10/25

ESTRUTURA DE CONCRETO

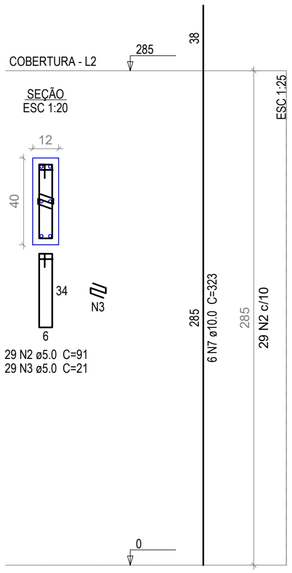
DIA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS


A
B
C
D
E
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1683
1657
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1683

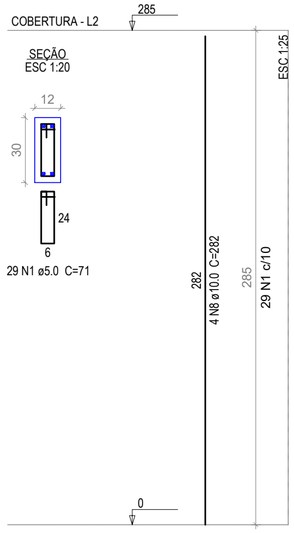
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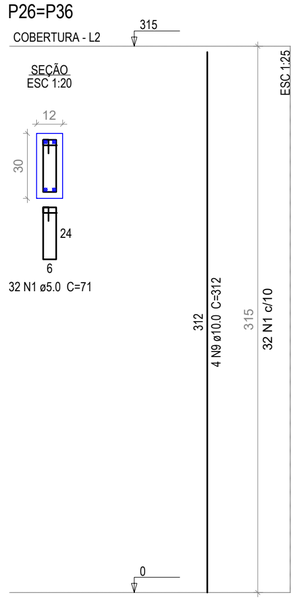
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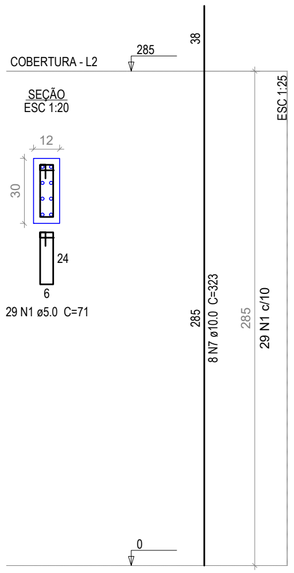
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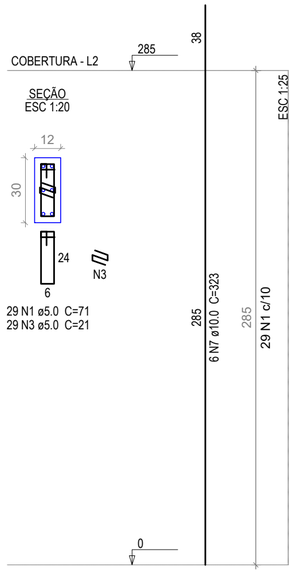
P26=P36



P27=P98=P103



P69=P70=P73=P74=P79=
=P80=P89=P90=P95=
=P97=P104=P112=P113



Relação do aço

77xP1	6xP12	27xP14
2xP26	3xP27	13xP69
P124	P127	2xP131
P132	P133	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	3544	71	251624
	2	5.0	232	91	21112
	3	5.0	696	21	14616
	4	5.0	58	95	5510
	5	5.0	87	23	2001
	6	5.0	58	75	4350
CA50	7	10.0	510	323	164730
	8	10.0	108	282	30456
	9	10.0	8	312	2496

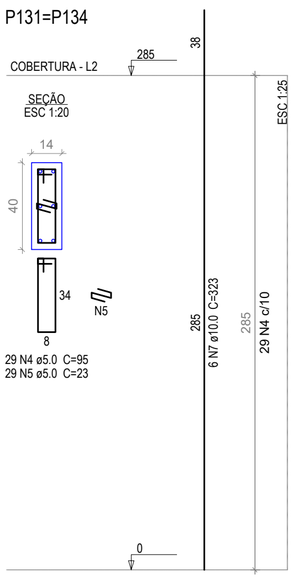
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	1976.9	165	1218.8
CA60	5.0	2992.2	-	461.2

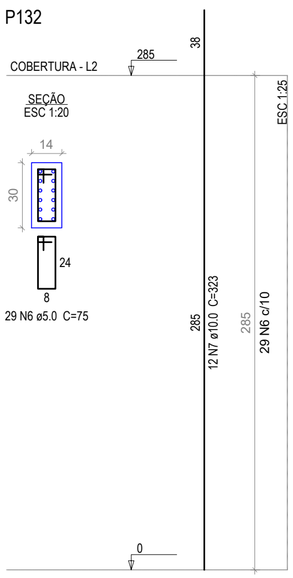
PESO TOTAL (kg)	
CA50	1218.8
CA60	461.2

Volume de concreto (C-25) = 14.19 m³
Área de forma = 327.46 m²

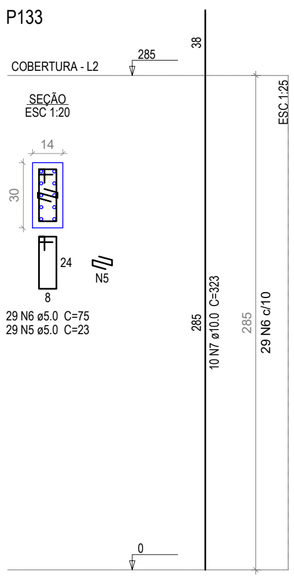
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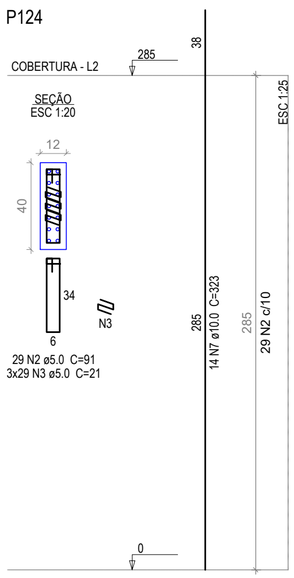
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P133



P124



P127

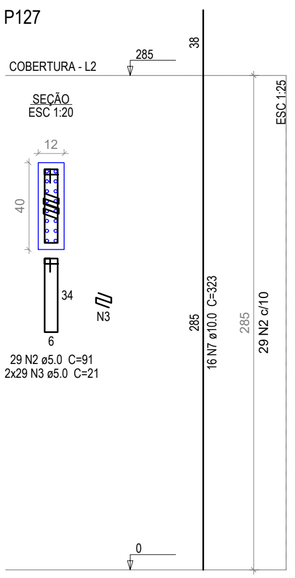


TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:53:32 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
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ESCALA
COMO INDICADO

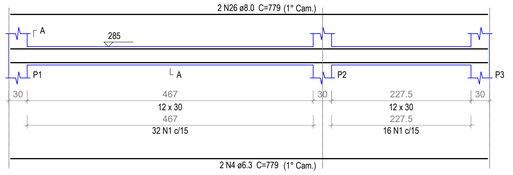
DESENHISTA
GUSTAVO BRIAS

FOLHA
12/25

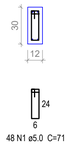
ESTRUTURA DE CONCRETO

CHA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

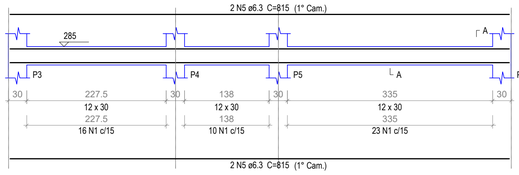
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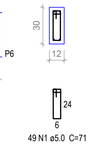
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ESC 1:25



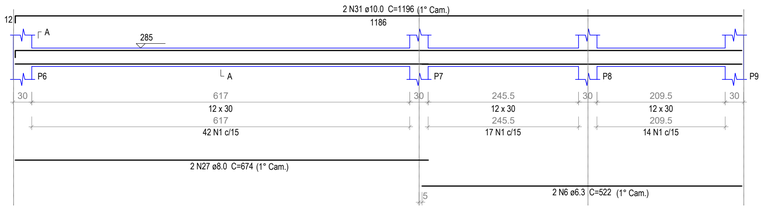
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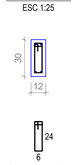
SEÇÃO A-A
ESC 1:25



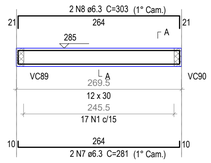
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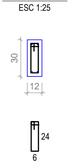
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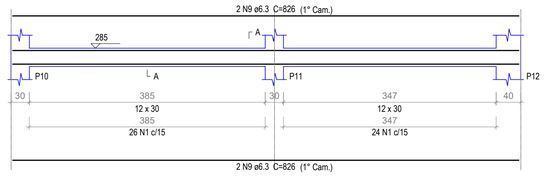
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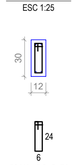
SEÇÃO A-A
ESC 1:25



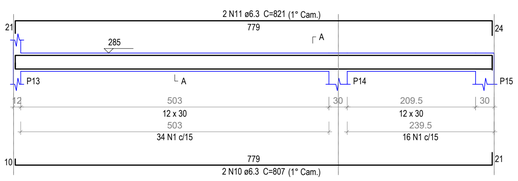
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ESC 1:50



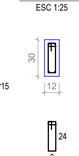
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ESC 1:25



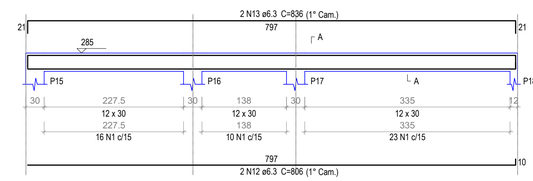
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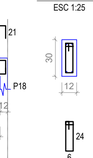
SEÇÃO A-A
ESC 1:25



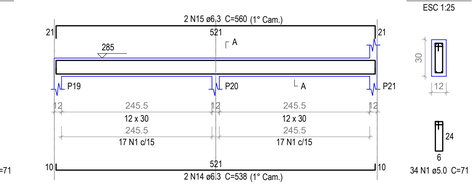
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SEÇÃO A-A
ESC 1:25

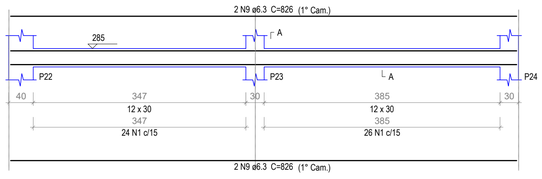


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ESC 1:50

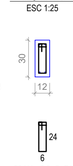


SEÇÃO A-A
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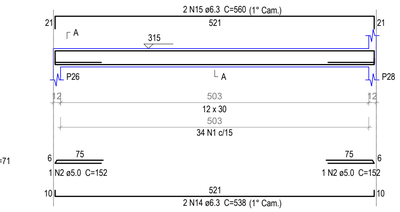
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SEÇÃO A-A
ESC 1:25



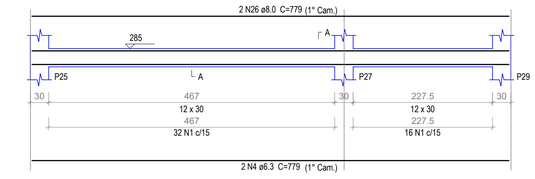
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SEÇÃO A-A
ESC 1:25



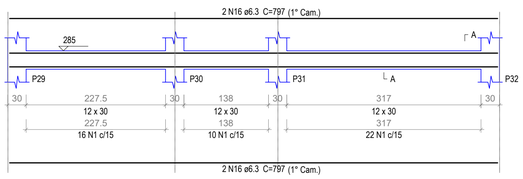
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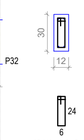
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ESC 1:25



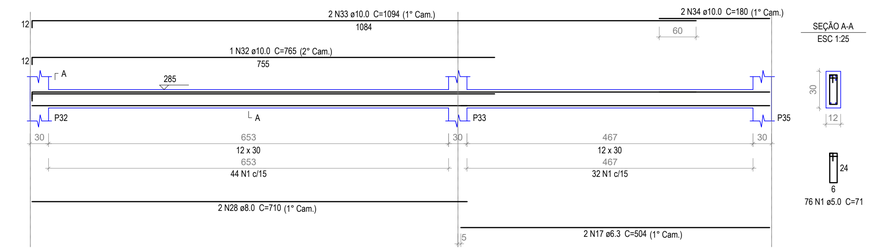
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SEÇÃO A-A
ESC 1:25

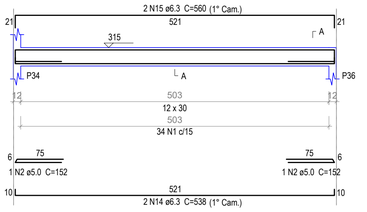


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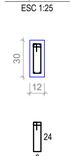


SEÇÃO A-A
ESC 1:25

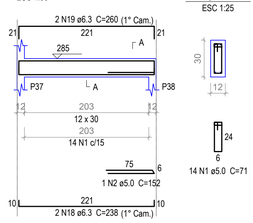
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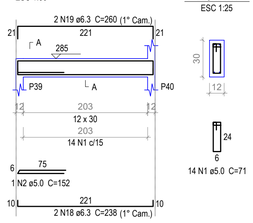


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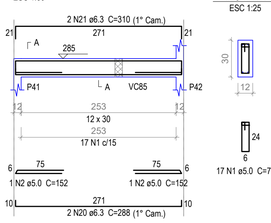
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ESC 1:25

VC16
ESC 1:50



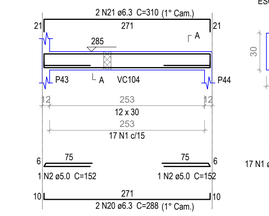
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ESC 1:50



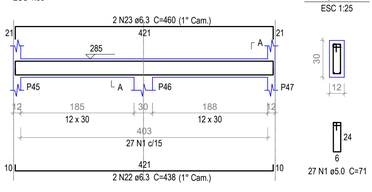
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ESC 1:25

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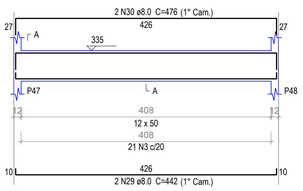
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ESC 1:50

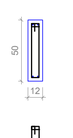


SEÇÃO A-A
ESC 1:25

VC20
ESC 1:50



SEÇÃO A-A
ESC 1:25



VC21
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC22
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VC1	VC2	VC3
VC4	VC5	VC6
VC7	VC8	VC9
VC10	VC11	VC12
VC13	VC14	VC15
VC16	VC17	VC18
VC19	VC20	VC21
VC22		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	829	71	58859
	2	5.0	10	152	1520
	3	5.0	21	111	2331
CA50	4	6.3	4	779	3116
	5	6.3	4	815	3260
	6	6.3	2	522	1044
	7	6.3	2	281	562
	8	6.3	2	303	606
	9	6.3	8	826	6608
	10	6.3	2	807	1614
	11	6.3	2	821	1642
	12	6.3	2	806	1612
	13	6.3	2	836	1672
	14	6.3	6	538	3228
	15	6.3	6	560	3360
	16	6.3	4	797	3188
	17	6.3	2	504	1008
	18	6.3	4	238	952
	19	6.3	4	260	1040
	20	6.3	4	288	1152
	21	6.3	4	310	1240
	22	6.3	2	438	876
	23	6.3	2	460	920
	24	6.3	4	638	2552
	25	6.3	4	663	2652
	26	8.0	4	779	3116
	27	8.0	2	674	1348
	28	8.0	2	710	1420
	29	8.0	2	442	884
	30	8.0	2	476	952
	31	10.0	2	1196	2392
	32	10.0	1	765	765
	33	10.0	2	1094	2188
	34	10.0	2	180	360

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	439.1	37	107.4
	8.0	77.2	7	30.5
	10.0	57.1	5	35.2
CA60	5.0	627.1	-	96.7

PESO TOTAL (kg)	
CA50	173.1
CA60	96.7

Volume de concreto (C-25) = 4.6 m³
Área de forma = 91.68 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
---	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:51:52 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE COBERTURA PARTE 1

ESCALA
COMO INDICADO

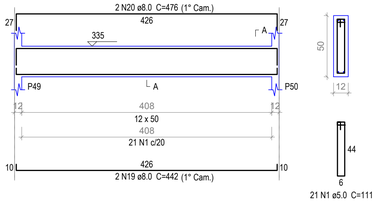
FOLHA
13/25

DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

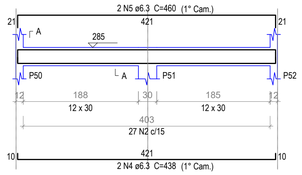
024-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

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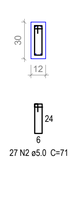


SEÇÃO A-A
ESC 1:25

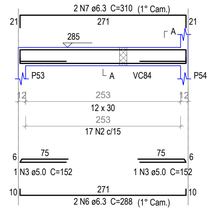
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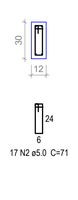
SEÇÃO A-A
ESC 1:25



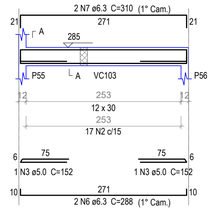
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ESC 1:50



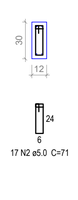
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ESC 1:25



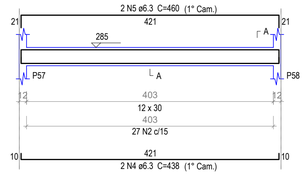
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ESC 1:50



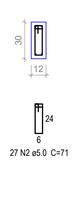
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ESC 1:25



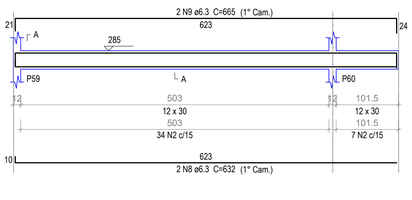
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ESC 1:50



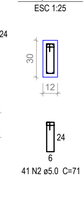
SEÇÃO A-A
ESC 1:25



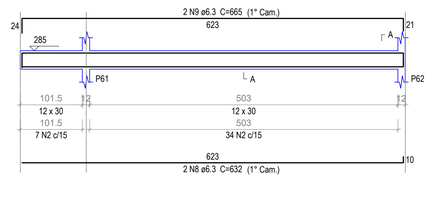
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ESC 1:50



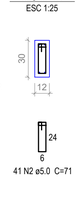
SEÇÃO A-A
ESC 1:25



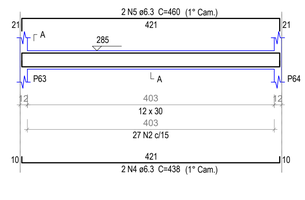
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ESC 1:50



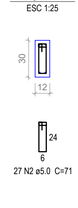
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ESC 1:25



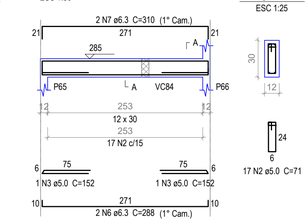
VC30
ESC 1:50



SEÇÃO A-A
ESC 1:25

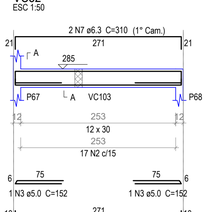


VC31
ESC 1:50

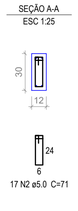


SEÇÃO A-A
ESC 1:25

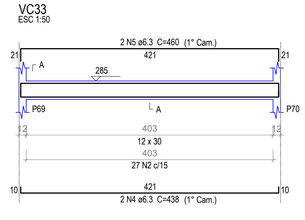
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ESC 1:50



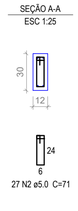
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ESC 1:25



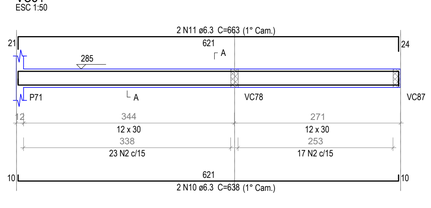
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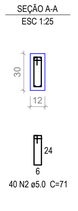
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ESC 1:25



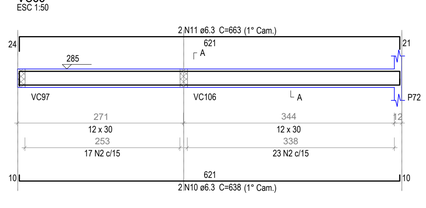
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ESC 1:50



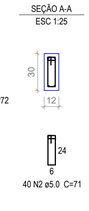
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ESC 1:25



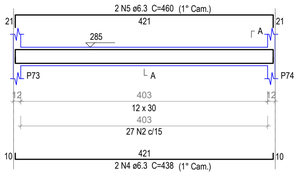
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ESC 1:50



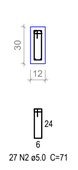
SEÇÃO A-A
ESC 1:25



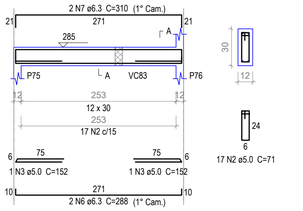
VC36
ESC 1:50



SEÇÃO A-A
ESC 1:25



VC37
ESC 1:50



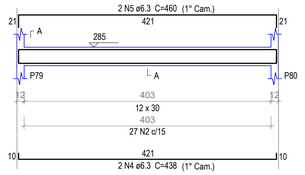
SEÇÃO A-A
ESC 1:25



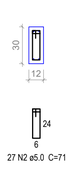
VC38
ESC 1:50

SEÇÃO A-A
ESC 1:25

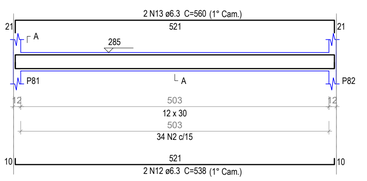
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ESC 1:50



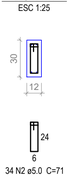
SEÇÃO A-A
ESC 1:25



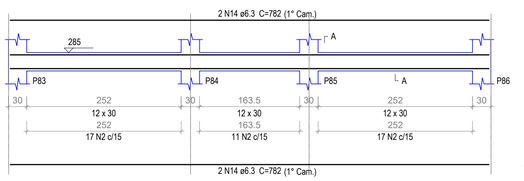
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ESC 1:50



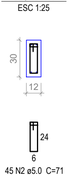
SEÇÃO A-A
ESC 1:25



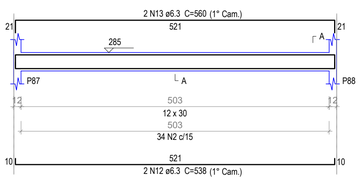
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ESC 1:50



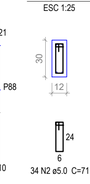
SEÇÃO A-A
ESC 1:25



VC42
ESC 1:50



SEÇÃO A-A
ESC 1:25



VC43
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC44
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC45
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC46
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC47
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC48
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC49
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC50
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VC23	VC24	VC25
VC26	VC27	VC28
VC29	VC30	VC31
VC32	VC33	VC34
VC35	VC36	VC37
VC38	VC39	VC40
VC41	VC42	VC43
VC44	VC45	VC46
VC47	VC48	VC49
VC50		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	21	111	2331
	2	5.0	755	71	53605
	3	5.0	12	152	1824
CA50	4	6.3	18	438	7884
	5	6.3	18	460	8280
	6	6.3	12	288	3456
	7	6.3	12	310	3720
	8	6.3	4	632	2528
	9	6.3	4	665	2660
	10	6.3	4	638	2552
	11	6.3	4	663	2652
	12	6.3	8	538	4304
	13	6.3	8	560	4480
	14	6.3	4	782	3128
	15	6.3	2	576	1152
	16	6.3	2	217	434
	17	6.3	2	239	478
	18	6.3	4	326	1304
	19	8.0	2	442	884
	20	8.0	2	476	952
	21	10.0	2	576	1152

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	490.2	41	119.9
	8.0	18.4	2	7.2
	10.0	11.6	1	7.1
CA60	5.0	577.6	-	89

PESO TOTAL (kg)	
CA50	134.3
CA60	89

Volume de concreto (C-25) = 4.28 m³
Área de forma = 85.18 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:53:48 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE COBERTURA PARTE 2

ESCALA
COMO INDICADO

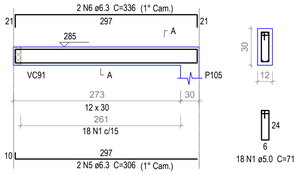
FOLHA
14/25

DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

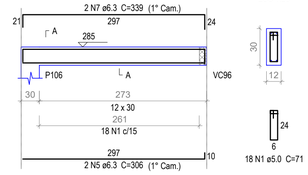
OHA 2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

VC51
ESC 1:50



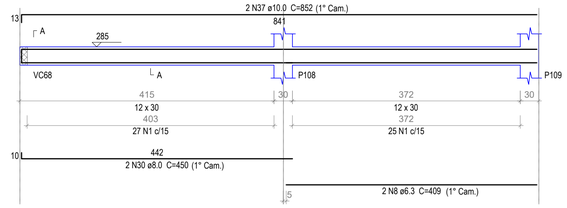
SEÇÃO A-A
ESC 1:25

VC52
ESC 1:50

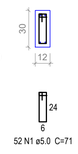


SEÇÃO A-A
ESC 1:25

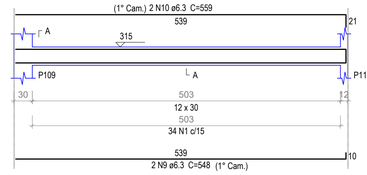
VC53
ESC 1:50



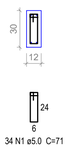
SEÇÃO A-A
ESC 1:25



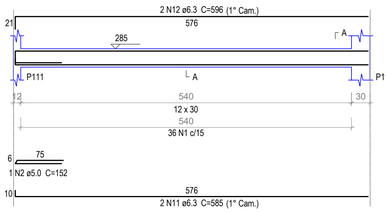
VC54
ESC 1:50



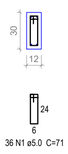
SEÇÃO A-A
ESC 1:25



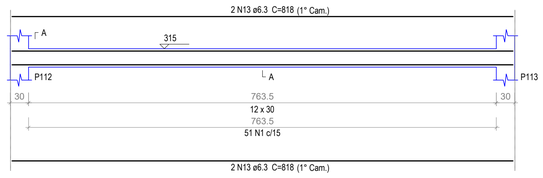
VC55
ESC 1:50



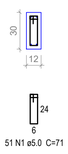
SEÇÃO A-A
ESC 1:25



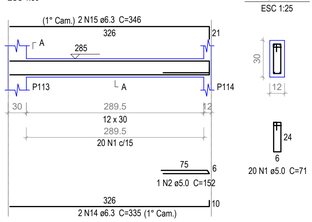
VC56
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SEÇÃO A-A
ESC 1:25

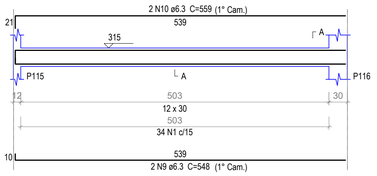


VC57
ESC 1:50

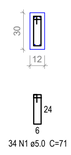


SEÇÃO A-A
ESC 1:25

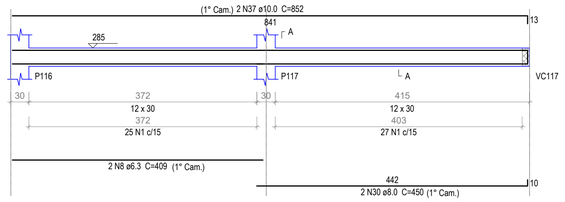
VC58
ESC 1:50



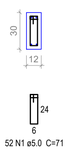
SEÇÃO A-A
ESC 1:25



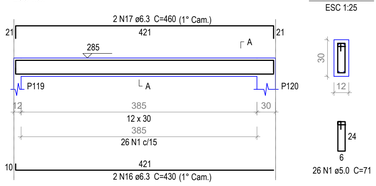
VC59
ESC 1:50



SEÇÃO A-A
ESC 1:25

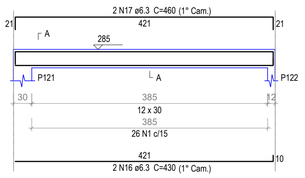


VC60
ESC 1:50

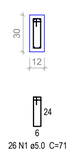


SEÇÃO A-A
ESC 1:25

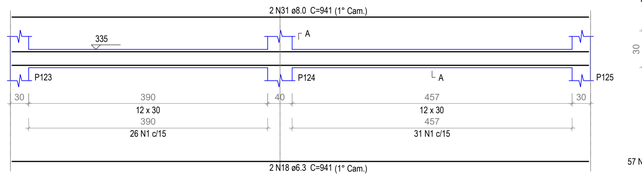
VC61
ESC 1:50



SEÇÃO A-A
ESC 1:25



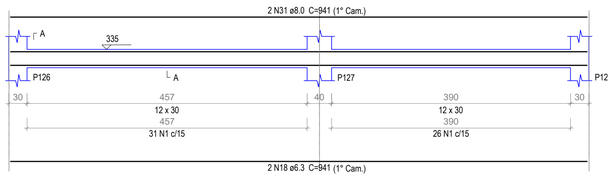
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ESC 1:50



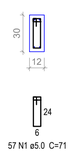
SEÇÃO A-A
ESC 1:25



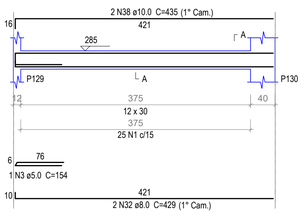
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ESC 1:50



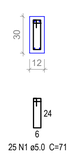
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ESC 1:25



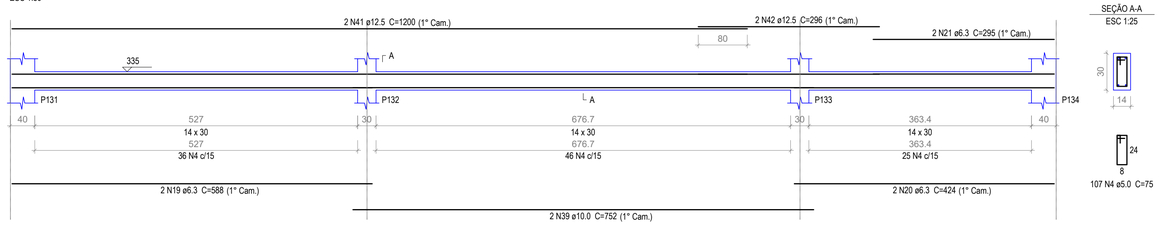
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ESC 1:50



SEÇÃO A-A
ESC 1:25

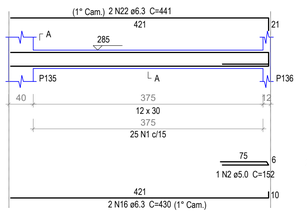


VC65
ESC 1:50

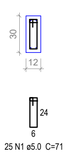


SEÇÃO A-A
ESC 1:25

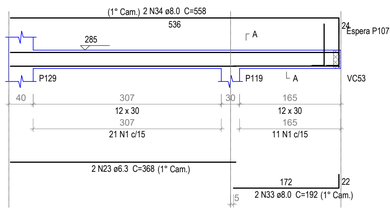
VC66
ESC 1:50



SEÇÃO A-A
ESC 1:25



VC67
ESC 1:50



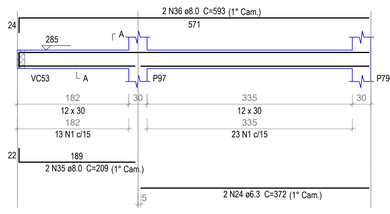
SEÇÃO A-A
ESC 1:25



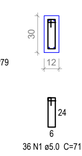
ESPERA P107
ESC 1:25



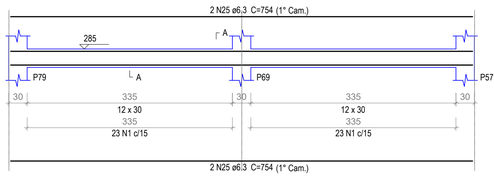
VC68
ESC 1:50



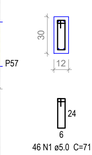
SEÇÃO A-A
ESC 1:25



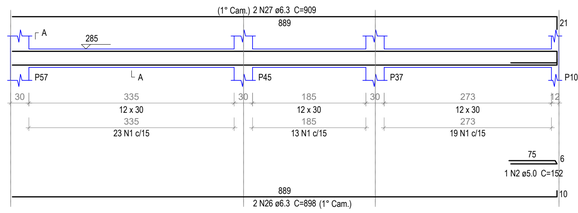
VC69
ESC 1:50



SEÇÃO A-A
ESC 1:25



VC70
ESC 1:50



SEÇÃO A-A
ESC 1:25

VC71
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VC51	VC52	VC53
VC54	VC55	VC56
VC57	VC58	VC59
VC60	VC61	VC62
VC63	VC64	VC65
VC66	VC67	VC68
VC69	VC70	VC71

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	716	71	50836
	2	5.0	4	152	608
	3	5.0	1	154	154
	4	5.0	107	75	8025
CA50	5	6.3	4	306	1224
	6	6.3	2	336	672
	7	6.3	2	339	678
	8	6.3	4	409	1636
	9	6.3	4	548	2192
	10	6.3	4	559	2236
	11	6.3	2	585	1170
	12	6.3	2	596	1192
	13	6.3	4	818	3272
	14	6.3	2	335	670
	15	6.3	2	346	692
	16	6.3	6	430	2580
	17	6.3	4	460	1840
	18	6.3	4	941	3764
	19	6.3	2	588	1176
	20	6.3	2	424	848
	21	6.3	2	295	590
	22	6.3	2	441	882
	23	6.3	2	368	736
	24	6.3	2	372	744
	25	6.3	4	754	3016
	26	6.3	2	898	1796
	27	6.3	2	909	1818
	28	6.3	2	230	460
	29	6.3	2	260	520
	30	8.0	4	450	1800
	31	8.0	4	941	3764
	32	8.0	2	429	858
	33	8.0	2	192	384
	34	8.0	2	558	1116
	35	8.0	2	209	418
	36	8.0	2	593	1186
	37	10.0	4	852	3408
	38	10.0	2	435	870
	39	10.0	2	752	1504
	40	10.0	4	86	344
	41	12.5	2	1200	2400
	42	12.5	2	296	592

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	364.1	31	89.1
	8.0	95.3	8	37.6
	10.0	61.3	6	37.8
	12.5	30	3	28.8
CA60	5.0	596.3	-	91.9

PESO TOTAL (kg)	
CA50	193.3
CA60	91.9

Volume de concreto (C-25) = 4.47 m³
Área de forma = 87.74 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:48:19 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE COBERTURA PARTE 3

ESCALA
COMO INDICADO

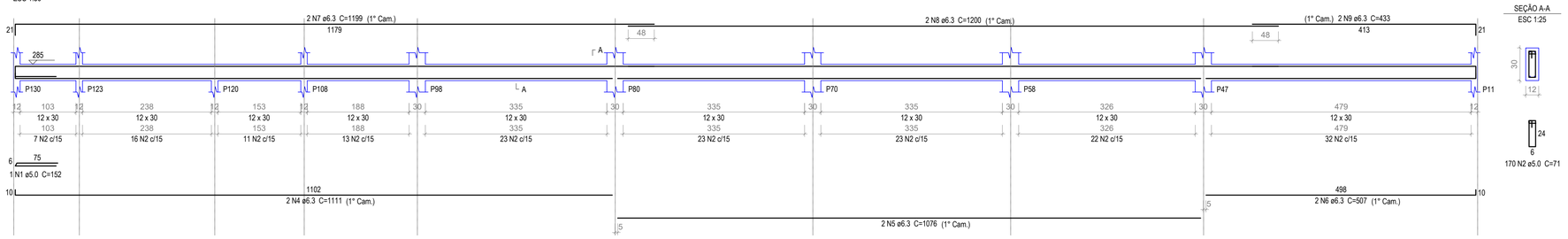
FOLHA
15/25

DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

CHA-SSB-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

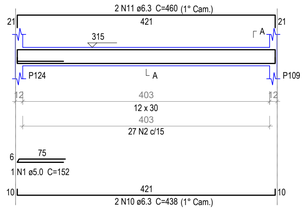
VC72
ESC 1:50



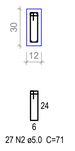
SEÇÃO A-A
ESC 1:25

170 N2 ø5.0 C=71

VC73
ESC 1:50

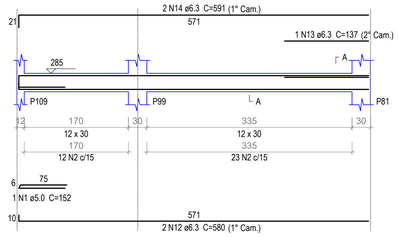


SEÇÃO A-A
ESC 1:25



27 N2 ø5.0 C=71

VC74
ESC 1:50

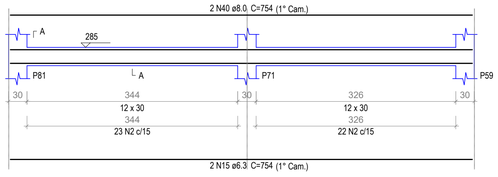


SEÇÃO A-A
ESC 1:25

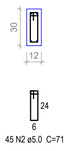


35 N2 ø5.0 C=71

VC75
ESC 1:50

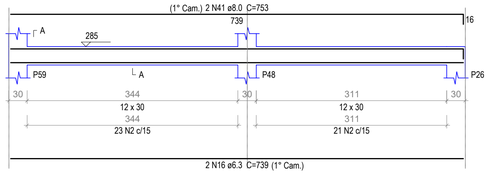


SEÇÃO A-A
ESC 1:25

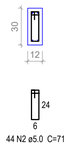


45 N2 ø5.0 C=71

VC76
ESC 1:50

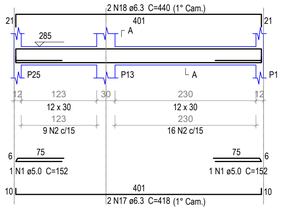


SEÇÃO A-A
ESC 1:25

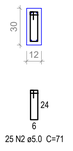


44 N2 ø5.0 C=71

VC77
ESC 1:50

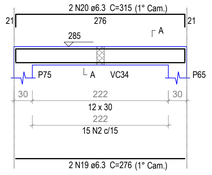


SEÇÃO A-A
ESC 1:25

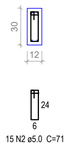


25 N2 ø5.0 C=71

VC78
ESC 1:50

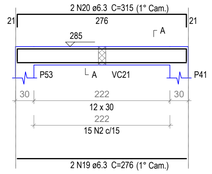


SEÇÃO A-A
ESC 1:25

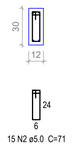


15 N2 ø5.0 C=71

VC79
ESC 1:50

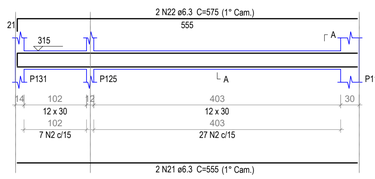


SEÇÃO A-A
ESC 1:25

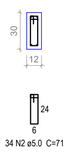


15 N2 ø5.0 C=71

VC80
ESC 1:50

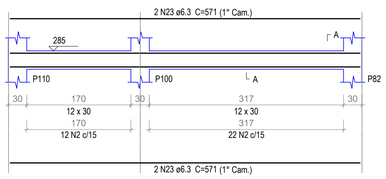


SEÇÃO A-A
ESC 1:25

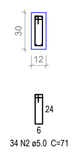


34 N2 ø5.0 C=71

VC81
ESC 1:50

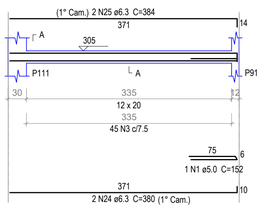


SEÇÃO A-A
ESC 1:25

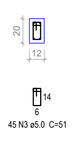


34 N2 ø5.0 C=71

VC82
ESC 1:50

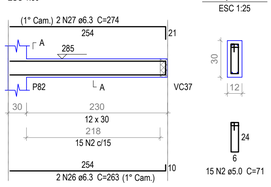


SEÇÃO A-A
ESC 1:25



45 N3 ø5.0 C=51

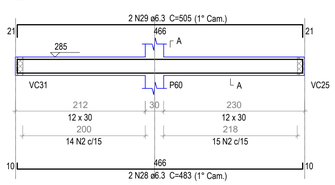
VC83
ESC 1:50



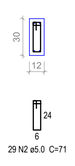
SEÇÃO A-A
ESC 1:25

15 N2 ø5.0 C=71

VC84
ESC 1:50

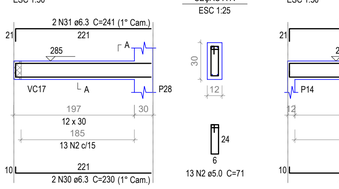


SEÇÃO A-A
ESC 1:25



29 N2 ø5.0 C=71

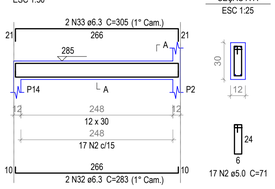
VC85
ESC 1:50



SEÇÃO A-A
ESC 1:25

13 N2 ø5.0 C=71

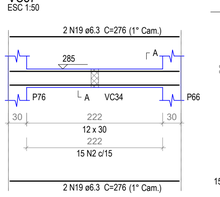
VC86
ESC 1:50



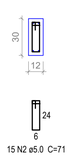
SEÇÃO A-A
ESC 1:25

17 N2 ø5.0 C=71

VC87
ESC 1:50

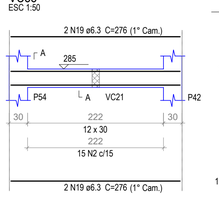


SEÇÃO A-A
ESC 1:25

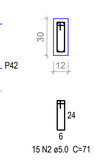


15 N2 ø5.0 C=71

VC88
ESC 1:50

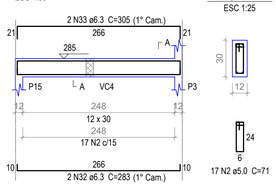


SEÇÃO A-A
ESC 1:25



15 N2 ø5.0 C=71

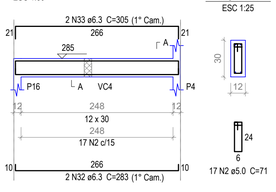
VC89
ESC 1:50



SEÇÃO A-A
ESC 1:25

17 N2 ø5.0 C=71

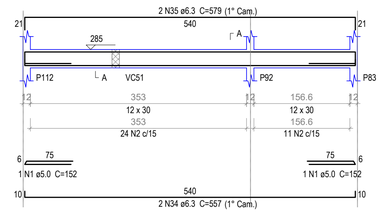
VC90
ESC 1:50



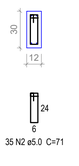
SEÇÃO A-A
ESC 1:25

17 N2 ø5.0 C=71

VC91
ESC 1:50



SEÇÃO A-A
ESC 1:25



35 N2 ø5.0 C=71

VC92
ESC 1:50

SEÇÃO A-A
ESC 1:25

17 N2 ø5.0 C=71

VC93
ESC 1:50

SEÇÃO A-A
ESC 1:25

25 N2 ø5.0 C=71

VC94
ESC 1:50

SEÇÃO A-A
ESC 1:25

25 N2 ø5.0 C=71

VC95
ESC 1:50

SEÇÃO A-A
ESC 1:25

25 N2 ø5.0 C=71

Relação do aço

VC72	VC73	VC74
VC75	VC76	VC77
VC78	VC79	VC80
VC81	VC82	VC83
VC84	VC85	VC86
VC87	VC88	VC89
VC90	VC91	VC92
VC93	VC94	VC95

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	152	1216
	2	5.0	709	71	50339
	3	5.0	45	51	2295
CA50	4	6.3	2	1111	2222
	5	6.3	2	1076	2152
	6	6.3	2	507	1014
	7	6.3	2	1199	2398
	8	6.3	2	1200	2400
	9	6.3	2	433	866
	10	6.3	2	438	876
	11	6.3	2	460	920
	12	6.3	2	580	1160
	13	6.3	1	137	137
	14	6.3	2	591	1182
	15	6.3	2	754	1508
	16	6.3	2	739	1478
	17	6.3	2	418	836
	18	6.3	2	440	880
	19	6.3	12	276	3312
	20	6.3	4	315	1260
	21	6.3	2	555	1110
	22	6.3	2	575	1150
	23	6.3	4	571	2284
	24	6.3	2	380	760
	25	6.3	2	384	768
	26	6.3	2	263	526
	27	6.3	2	274	548
	28	6.3	2	483	966
	29	6.3	2	505	1010
	30	6.3	2	230	460
	31	6.3	2	241	482
	32	6.3	8	283	2264
	33	6.3	8	305	2440
	34	6.3	2	557	1114
	35	6.3	2	579	1158
	36	6.3	4	423	1692
	37	6.3	4	437	1748
	38	6.3	2	429	858
	39	6.3	2	443	886
	40	8.0	2	754	1508
	41	8.0	2	753	1506

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	468.3	40	114.6
	8.0	30.2	3	11.9
CA60	5.0	538.5	-	83

PESO TOTAL (kg)	
CA50	126.5
CA60	83

Volume de concreto (C-25) = 3.81 m³
Área de forma = 76.27 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:50:34 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE COBERTURA PARTE 4

ESCALA
COMO INDICADO

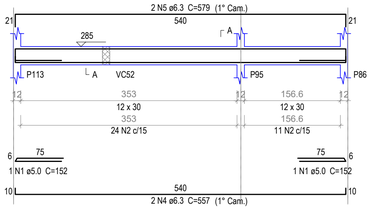
DESENHISTA
GUSTAVO BRIAS

FOLHA
16/25

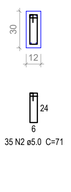
ESTRUTURA DE CONCRETO

CHA-SSE-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

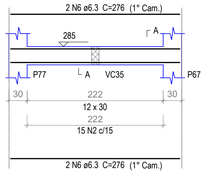
VC96
ESC 1:50



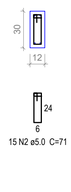
SEÇÃO A-A
ESC 1:25



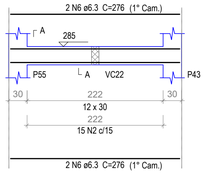
VC97
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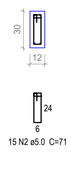
SEÇÃO A-A
ESC 1:25



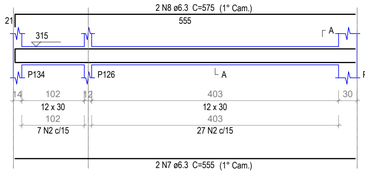
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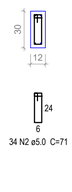
SEÇÃO A-A
ESC 1:25



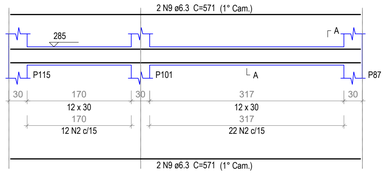
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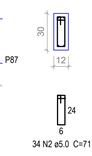
SEÇÃO A-A
ESC 1:25



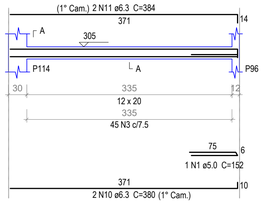
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ESC 1:50



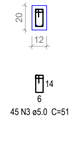
SEÇÃO A-A
ESC 1:25



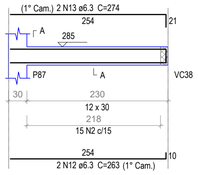
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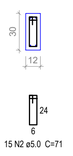
SEÇÃO A-A
ESC 1:25



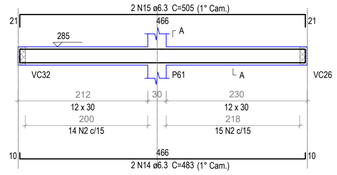
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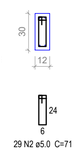
SEÇÃO A-A
ESC 1:25



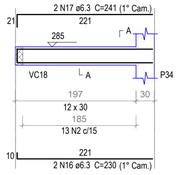
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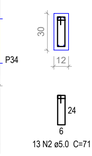
SEÇÃO A-A
ESC 1:25



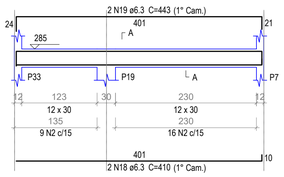
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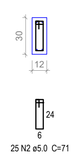
SEÇÃO A-A
ESC 1:25



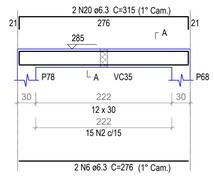
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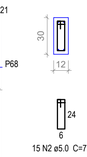
SEÇÃO A-A
ESC 1:25



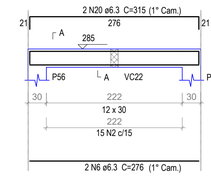
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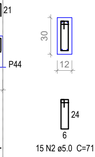
SEÇÃO A-A
ESC 1:25



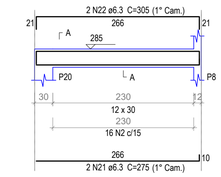
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ESC 1:50



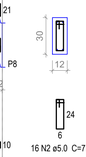
SEÇÃO A-A
ESC 1:25



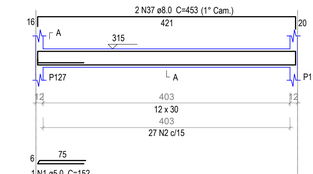
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ESC 1:50



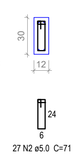
SEÇÃO A-A
ESC 1:25



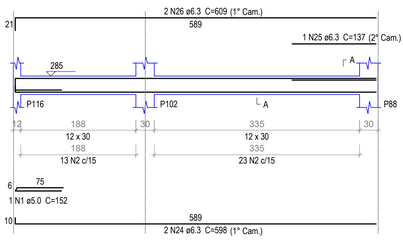
VC109
ESC 1:50



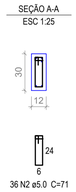
SEÇÃO A-A
ESC 1:25



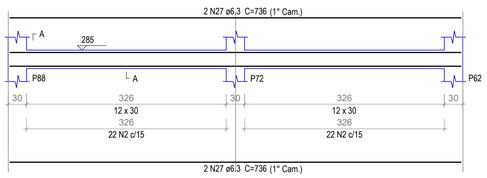
VC110
ESC 1:50



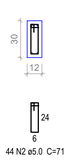
SEÇÃO A-A
ESC 1:25



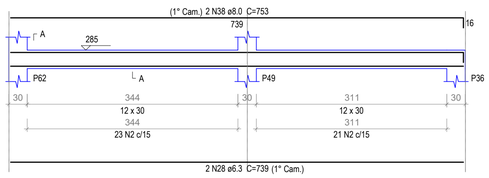
VC111
ESC 1:50



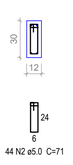
SEÇÃO A-A
ESC 1:25



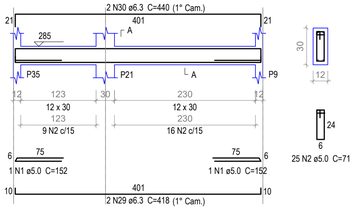
VC112
ESC 1:50



SEÇÃO A-A
ESC 1:25

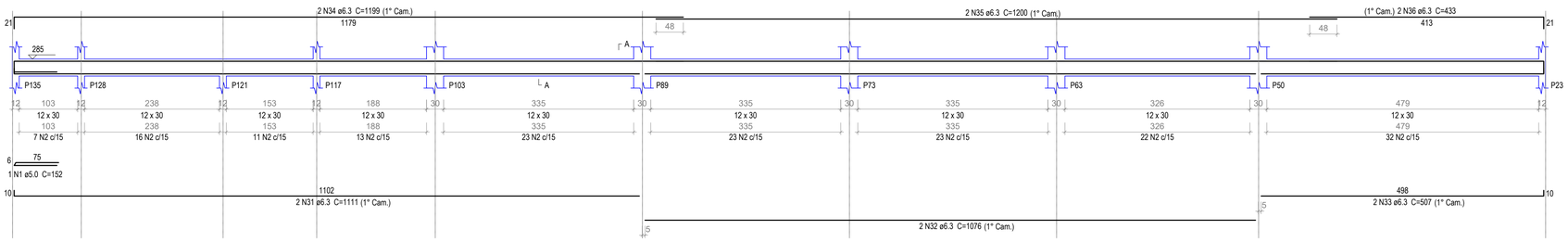


VC113
ESC 1:50

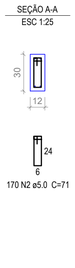


SEÇÃO A-A
ESC 1:25

VC114
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

VC96	VC97	VC98
VC99	VC100	VC101
VC102	VC103	VC104
VC105	VC106	VC107
VC108	VC109	VC110
VC111	VC112	VC113
VC114		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	152	1216
	2	5.0	607	71	43097
	3	5.0	45	51	2295
CA50	4	6.3	2	557	1114
	5	6.3	2	579	1158
	6	6.3	12	276	3312
	7	6.3	2	555	1110
	8	6.3	2	575	1150
	9	6.3	4	571	2284
	10	6.3	2	380	760
	11	6.3	2	384	768
	12	6.3	2	263	526
	13	6.3	2	274	548
	14	6.3	2	483	966
	15	6.3	2	505	1010
	16	6.3	2	230	460
	17	6.3	2	241	482
	18	6.3	2	410	820
	19	6.3	2	443	886
	20	6.3	4	315	1260
	21	6.3	2	275	550
	22	6.3	2	305	610
	23	6.3	2	438	876
	24	6.3	2	598	1196
	25	6.3	1	137	137
	26	6.3	2	609	1218
	27	6.3	4	736	2944
	28	6.3	2	739	1478
	29	6.3	2	418	836
	30	6.3	2	440	880
	31	6.3	2	1111	2222
	32	6.3	2	1076	2152
	33	6.3	2	507	1014
	34	6.3	2	1199	2398
	35	6.3	2	1200	2400
	36	6.3	2	433	866
	37	8.0	2	453	906
	38	8.0	2	753	1506

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	404	34	98.8
	8.0	24.2	3	9.5
CA60	5.0	466.1	-	71.8

PESO TOTAL (kg)	
CA50	108.4
CA60	71.8

Volume de concreto (C-25) = 3.28 m³
Área de forma = 65.79 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:50:51 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE COBERTURA PARTE 5

ESCALA
COMO INDICADO

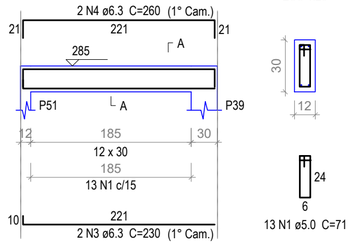
DESENHISTA
GUSTAVO BRIAS

FOLHA
17/25

ESTRUTURA DE CONCRETO

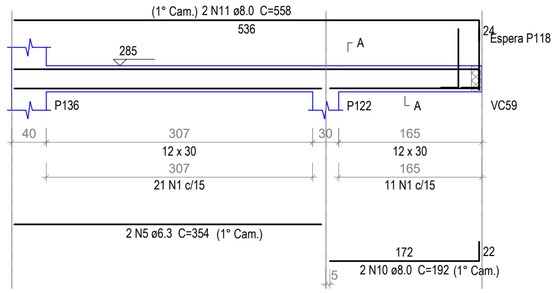
CHA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

VC115
ESC 1:50



SEÇÃO A-A
ESC 1:25

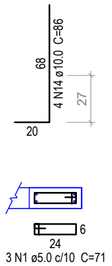
VC116
ESC 1:50



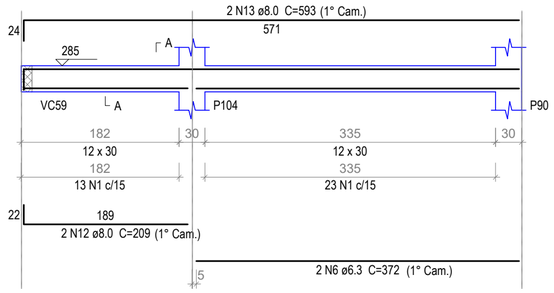
SEÇÃO A-A
ESC 1:25



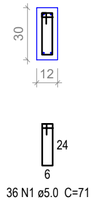
ESPERA P118
ESC 1:25



VC117
ESC 1:50



SEÇÃO A-A
ESC 1:25



VC118
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC119
ESC 1:50

SEÇÃO A-A
ESC 1:25



Relação do aço

VC115 VC116 VC117
VC118 VC119

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	185	71	13135
	2	5.0	1	152	152
CA50	3	6.3	2	230	460
	4	6.3	2	260	520
	5	6.3	2	354	708
	6	6.3	2	372	744
	7	6.3	4	754	3016
	8	6.3	2	898	1796
	9	6.3	2	909	1818
	10	8.0	2	192	384
	11	8.0	2	558	1116
	12	8.0	2	209	418
	13	8.0	2	593	1186
	14	10.0	4	86	344

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	90.7	8	22.2
	8.0	31.1	3	12.2
	10.0	3.5	1	2.1
CA60	5.0	132.9	-	20.5

PESO TOTAL (kg)	
CA50	36.5
CA60	20.5

Volume de concreto (C-25) = 0.96 m³
Área de forma = 19.12 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:48:52 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE COBERTURA PARTE 6

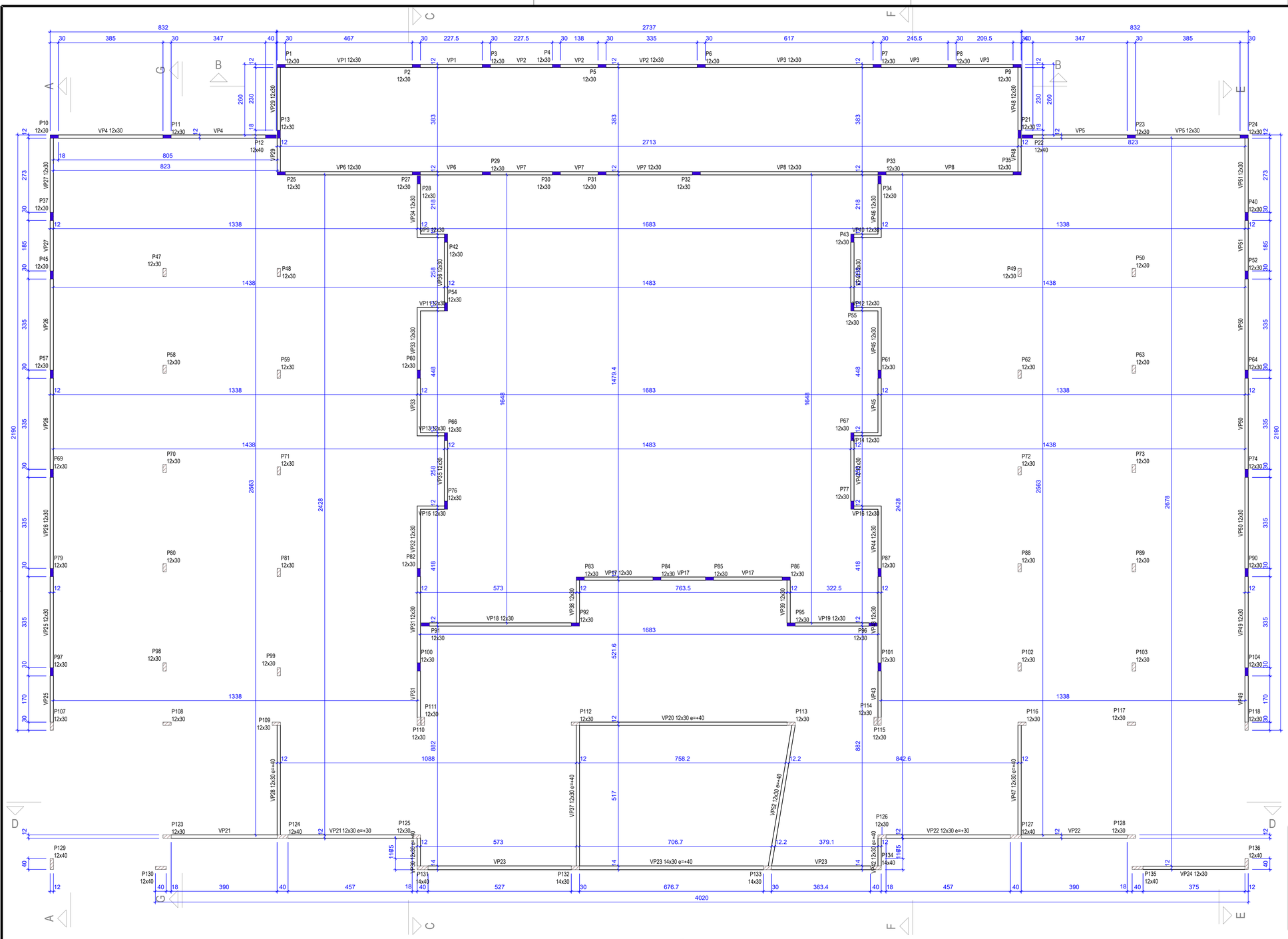
ESCALA
COMO INDICADO

DESENHISTA
GUSTAVO BRIAS

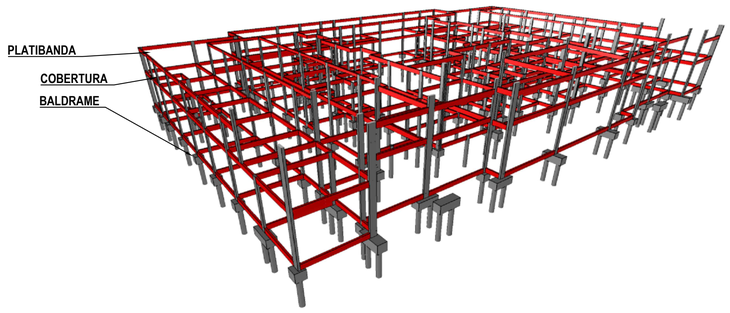
FOLHA
18/25

ESTRUTURA DE CONCRETO

CHA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS



1 PLANTA DE FÔRMAS PAVIMENTO PLATIBANDA (NÍVEL 470)
1:75



2 PERSPECTIVA ATÉ PLATIBANDA
SEM ESCALA

Características dos materiais

fck (kgf/cm²)
250

Legenda dos pilares
- Pilar que morre
- Pilar que passa

Legenda das vigas e paredes
- Viga

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
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Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:48:34 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER

CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
PLANTA DE FÔRMAS PLATIBANDA

ESCALA
COMO INDICADO

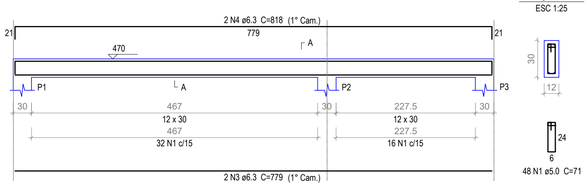
DESENHISTA
GUSTAVO BRIAS

FOLHA
19/25

ESTRUTURA DE CONCRETO

CHAPADÃO DO SUL

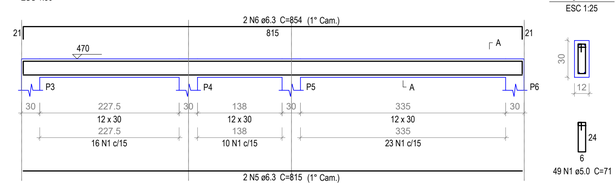
VP1



SEÇÃO A-A
ESC 1:25

48 N1 ø5.0 C=71

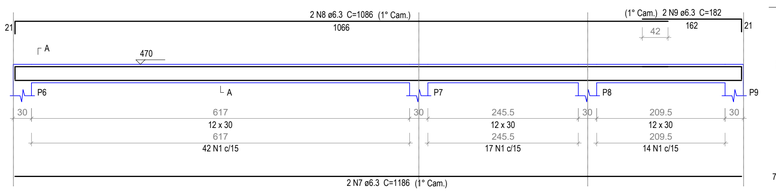
VP2
ESC 1:50



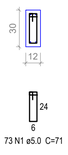
SEÇÃO A-A
ESC 1:25

49 N1 ø5.0 C=71

VP3
ESC 1:50

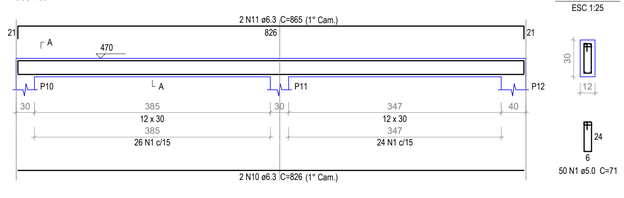


SEÇÃO A-A
ESC 1:25



73 N1 ø5.0 C=71

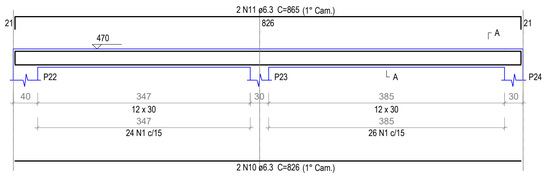
VP4
ESC 1:50



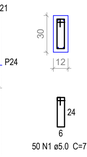
SEÇÃO A-A
ESC 1:25

50 N1 ø5.0 C=71

VP5
ESC 1:50

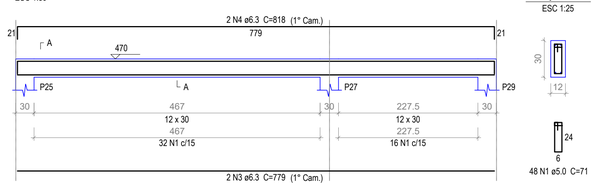


SEÇÃO A-A
ESC 1:25



50 N1 ø5.0 C=71

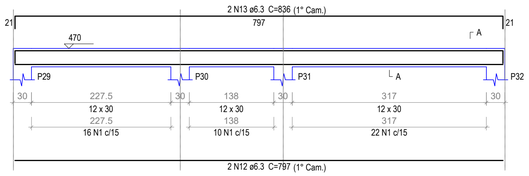
VP6
ESC 1:50



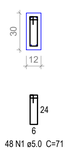
SEÇÃO A-A
ESC 1:25

48 N1 ø5.0 C=71

VP7
ESC 1:50

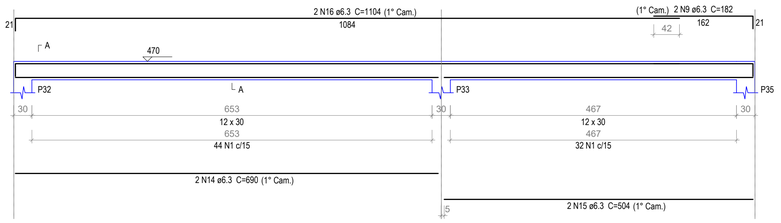


SEÇÃO A-A
ESC 1:25

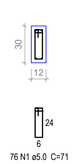


48 N1 ø5.0 C=71

VP8
ESC 1:50

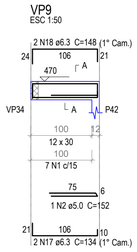


SEÇÃO A-A
ESC 1:25

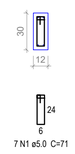


76 N1 ø5.0 C=71

VP9
ESC 1:50

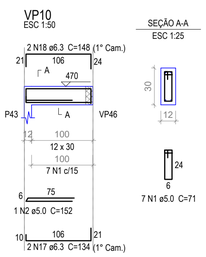


SEÇÃO A-A
ESC 1:25



7 N1 ø5.0 C=71

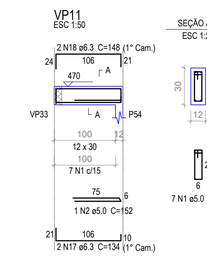
VP10
ESC 1:50



SEÇÃO A-A
ESC 1:25

7 N1 ø5.0 C=71

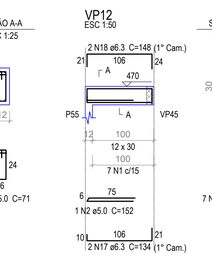
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ESC 1:50



SEÇÃO A-A
ESC 1:25

7 N1 ø5.0 C=71

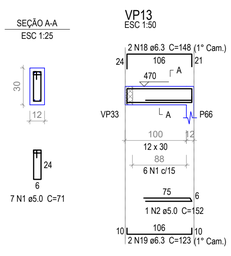
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ESC 1:50



SEÇÃO A-A
ESC 1:25

7 N1 ø5.0 C=71

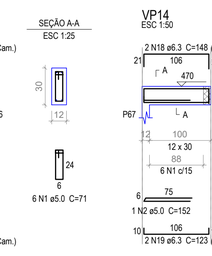
VP13
ESC 1:50



SEÇÃO A-A
ESC 1:25

6 N1 ø5.0 C=71

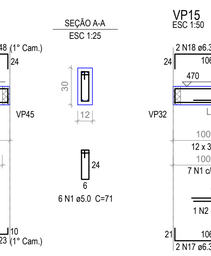
VP14
ESC 1:50



SEÇÃO A-A
ESC 1:25

6 N1 ø5.0 C=71

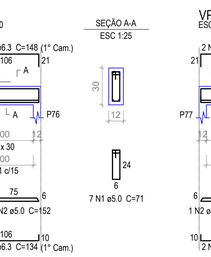
VP15
ESC 1:50



SEÇÃO A-A
ESC 1:25

7 N1 ø5.0 C=71

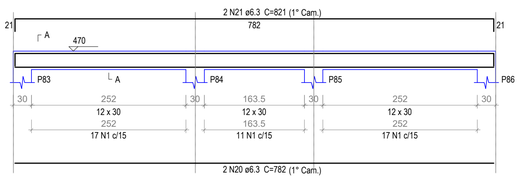
VP16
ESC 1:50



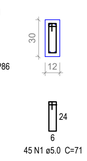
SEÇÃO A-A
ESC 1:25

7 N1 ø5.0 C=71

VP17
ESC 1:50

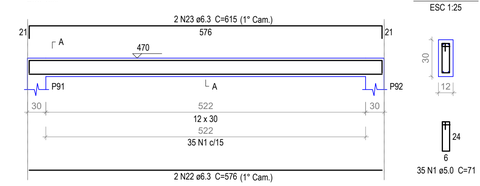


SEÇÃO A-A
ESC 1:25



45 N1 ø5.0 C=71

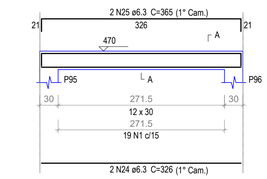
VP18
ESC 1:50



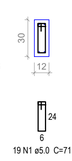
SEÇÃO A-A
ESC 1:25

35 N1 ø5.0 C=71

VP19
ESC 1:50

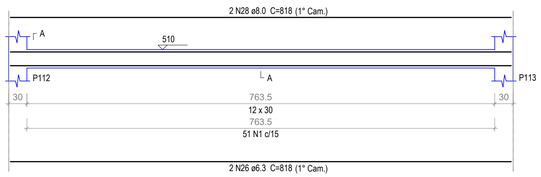


SEÇÃO A-A
ESC 1:25

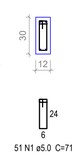


19 N1 ø5.0 C=71

VP20
ESC 1:50



SEÇÃO A-A
ESC 1:25



51 N1 ø5.0 C=71

VP21
ESC 1:50

SEÇÃO A-A
ESC 1:25

57 N1 ø5.0 C=71

Relação do aço

VP1	VP2	VP3
VP4	VP5	VP6
VP7	VP8	VP9
VP10	VP11	VP12
VP13	VP14	VP15
VP16	VP17	VP18
VP19	VP20	VP21

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	703	71	49913
	2	5.0	8	152	1216
CA50	3	6.3	4	779	3116
	4	6.3	4	818	3272
	5	6.3	2	815	1630
	6	6.3	2	854	1708
	7	6.3	2	1186	2372
	8	6.3	2	1086	2172
	9	6.3	4	182	728
	10	6.3	4	826	3304
	11	6.3	4	865	3460
	12	6.3	2	797	1594
	13	6.3	2	836	1672
	14	6.3	2	690	1380
	15	6.3	2	504	1008
	16	6.3	2	1104	2208
	17	6.3	12	134	1608
	18	6.3	16	148	2368
	19	6.3	4	123	492
	20	6.3	2	782	1564
	21	6.3	2	821	1642
	22	6.3	2	576	1152
	23	6.3	2	615	1230
	24	6.3	2	326	652
	25	6.3	2	365	730
	26	6.3	2	818	1636
	27	6.3	2	941	1882
	28	8.0	2	818	1636
	29	8.0	2	941	1882

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	445.8	38	109.1
	8.0	35.2	3	13.9
CA60	5.0	511.3	-	78.8

PESO TOTAL (kg)	
CA50	123
CA60	78.8

Volume de concreto (C-25) = 3.71 m³
Área de forma = 74.16 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:49:06 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE PLATIBANDA PARTE 1

ESCALA
COMO INDICADO

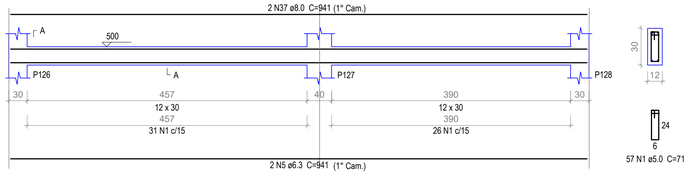
FOLHA
20/25

DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

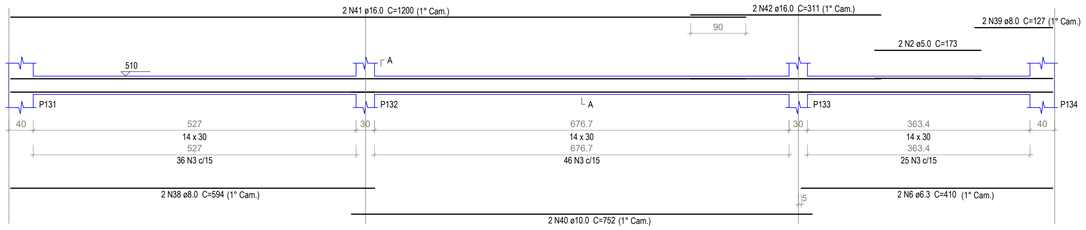
CHA-SSE-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

VP22
ESC 1:50

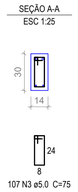


SEÇÃO A-A
ESC 1:25

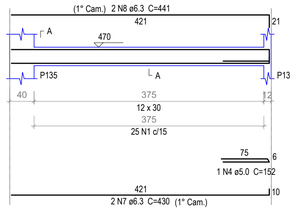
VP23
ESC 1:50



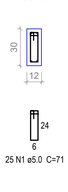
SEÇÃO A-A
ESC 1:25



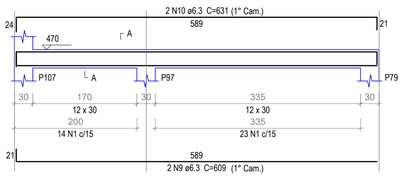
VP24
ESC 1:50



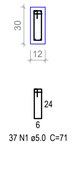
SEÇÃO A-A
ESC 1:25



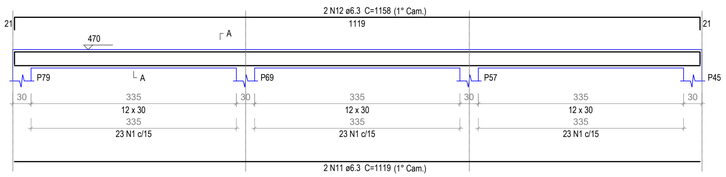
VP25
ESC 1:50



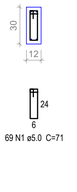
SEÇÃO A-A
ESC 1:25



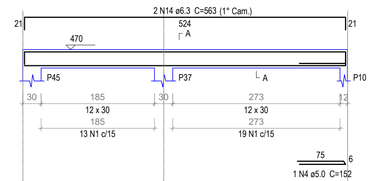
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ESC 1:50



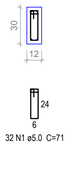
SEÇÃO A-A
ESC 1:25



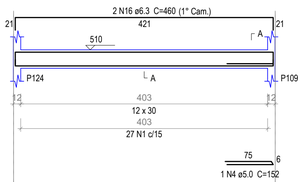
VP27
ESC 1:50



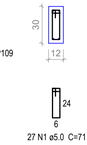
SEÇÃO A-A
ESC 1:25



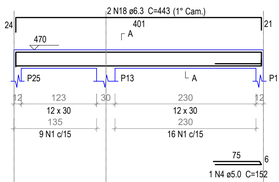
VP28
ESC 1:50



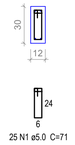
SEÇÃO A-A
ESC 1:25



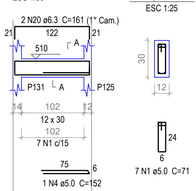
VP29
ESC 1:50



SEÇÃO A-A
ESC 1:25

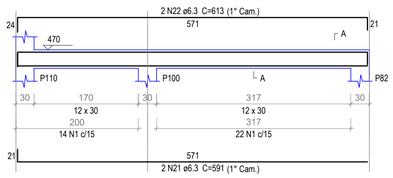


VP30
ESC 1:50

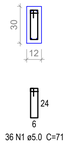


SEÇÃO A-A
ESC 1:25

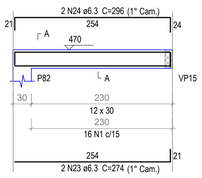
VP31
ESC 1:50



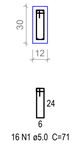
SEÇÃO A-A
ESC 1:25



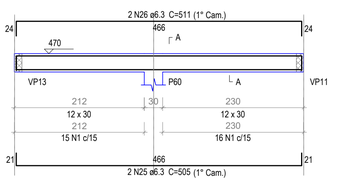
VP32
ESC 1:50



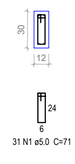
SEÇÃO A-A
ESC 1:25



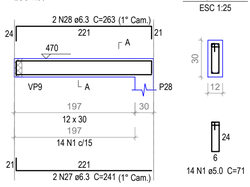
VP33
ESC 1:50



SEÇÃO A-A
ESC 1:25

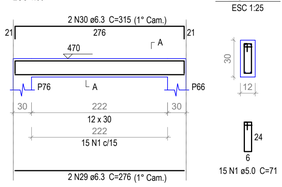


VP34
ESC 1:50



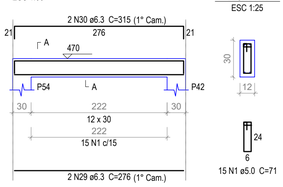
SEÇÃO A-A
ESC 1:25

VP35
ESC 1:50



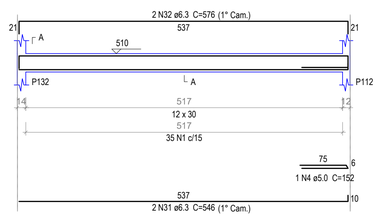
SEÇÃO A-A
ESC 1:25

VP36
ESC 1:50

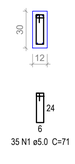


SEÇÃO A-A
ESC 1:25

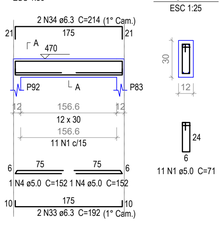
VP37
ESC 1:50



SEÇÃO A-A
ESC 1:25

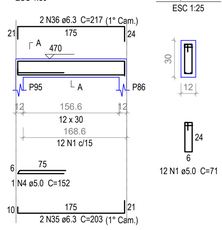


VP38
ESC 1:50



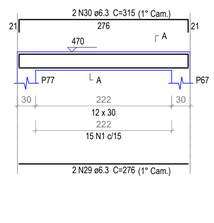
SEÇÃO A-A
ESC 1:25

VP39
ESC 1:50

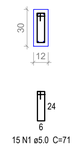


SEÇÃO A-A
ESC 1:25

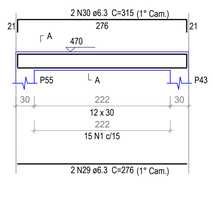
VP40
ESC 1:50



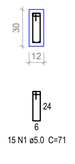
SEÇÃO A-A
ESC 1:25



VP41
ESC 1:50



SEÇÃO A-A
ESC 1:25



VP42
ESC 1:50

SEÇÃO A-A
ESC 1:25

VP43
ESC 1:50

SEÇÃO A-A
ESC 1:25

VP44
ESC 1:50

SEÇÃO A-A
ESC 1:25

VP45
ESC 1:50

SEÇÃO A-A
ESC 1:25

VP46
ESC 1:50

SEÇÃO A-A
ESC 1:25

VP47
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VP22	VP23	VP24
VP25	VP26	VP27
VP28	VP29	VP30
VP31	VP32	VP33
VP34	VP35	VP36
VP37	VP38	VP39
VP40	VP41	VP42
VP43	VP44	VP45
VP46	VP47	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	625	71	44375
	2	5.0	2	173	346
	3	5.0	107	75	8025
	4	5.0	11	152	1672
CA50	5	6.3	2	941	1882
	6	6.3	2	410	820
	7	6.3	2	430	860
	8	6.3	2	441	882
	9	6.3	2	609	1218
	10	6.3	2	631	1262
	11	6.3	2	1119	2238
	12	6.3	2	1158	2316
	13	6.3	2	533	1066
	14	6.3	2	563	1126
	15	6.3	4	438	1752
	16	6.3	4	460	1840
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	18	6.3	2	443	886
	19	6.3	4	131	524
	20	6.3	4	161	644
	21	6.3	4	591	2364
	22	6.3	4	613	2452
	23	6.3	4	274	1096
	24	6.3	4	296	1184
	25	6.3	4	505	2020
	26	6.3	4	511	2044
	27	6.3	4	241	964
	28	6.3	4	263	1052
	29	6.3	8	276	2208
	30	6.3	8	315	2520
	31	6.3	2	546	1092
	32	6.3	2	576	1152
	33	6.3	2	192	384
	34	6.3	2	214	428
	35	6.3	2	203	406
	36	6.3	2	217	434
	37	8.0	2	941	1882
	38	8.0	2	594	1188
	39	8.0	2	127	254
	40	10.0	2	752	1504
	41	16.0	2	1200	2400
	42	16.0	2	311	622

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	419.8	35	102.7
	8.0	33.3	3	13.1
	10.0	15.1	2	9.3
	16.0	30.3	3	47.7
CA60	5.0	544.2	-	83.9

PESO TOTAL (kg)	
CA50	172.8
CA60	83.9

Volume de concreto (C-25) = 3.86 m³
Área de forma = 75.58 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO P/ PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:49:19 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE PLATIBANDA PARTE 2

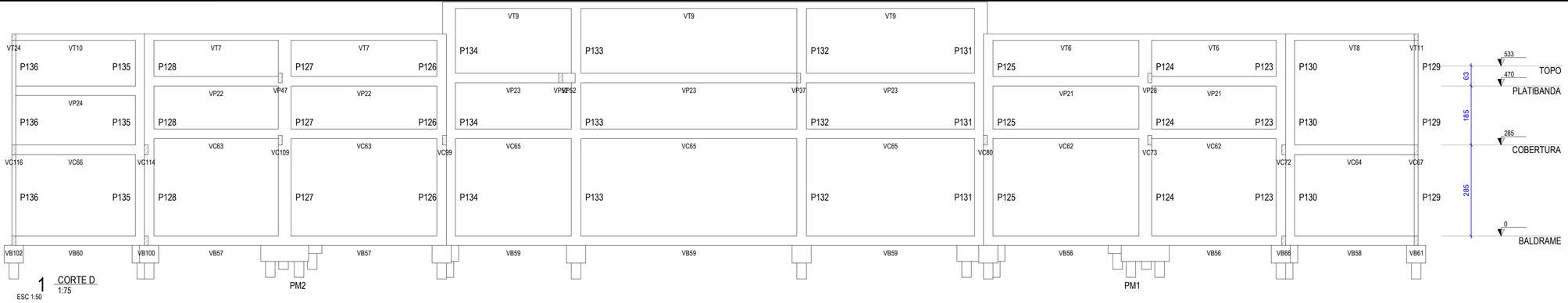
ESCALA
COMO INDICADO

FOLHA
21/25

DESENHISTA
GUSTAVO BRIAS

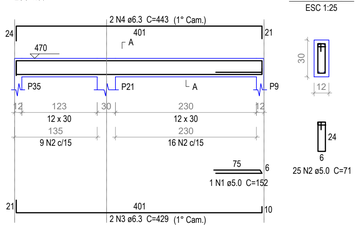
ESTRUTURA DE CONCRETO

CHA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS



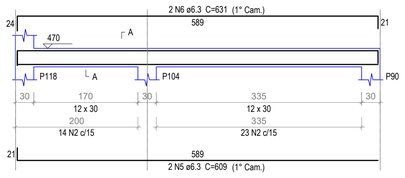
1 CORTE D
ESC 1:50 1:75

VP48
ESC 1:50

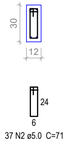


SEÇÃO A-A
ESC 1:25

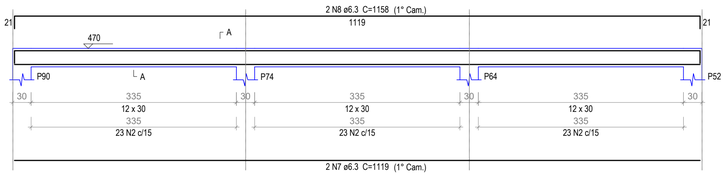
VP49
ESC 1:50



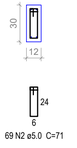
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ESC 1:25



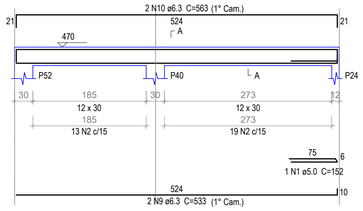
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ESC 1:50



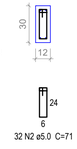
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ESC 1:25



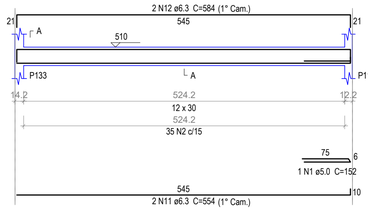
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ESC 1:50



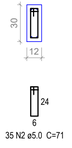
SEÇÃO A-A
ESC 1:25



VP52
ESC 1:50



SEÇÃO A-A
ESC 1:25



1 ARMAÇÃO DAS VIGAS PAV. PLATIBANDA
ESCALA INDICADA

Relação do aço

VP48 VP49 VP50
VP51 VP52

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	3	152	456
	2	5.0	198	71	14058
CA50	3	6.3	2	429	858
	4	6.3	2	443	886
	5	6.3	2	609	1218
	6	6.3	2	631	1262
	7	6.3	2	1119	2238
	8	6.3	2	1158	2316
	9	6.3	2	533	1066
	10	6.3	2	563	1126
	11	6.3	2	554	1108
	12	6.3	2	584	1168

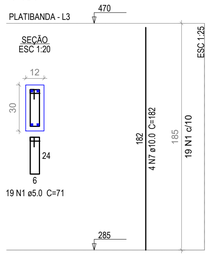
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	132.5	12	32.4
CA60	5.0	145.2	-	22.4

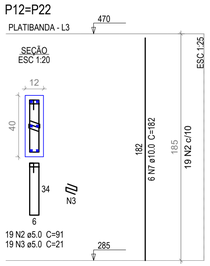
PESO TOTAL (kg)	
CA50	32.4
CA60	22.4

Volume de concreto (C-25) = 1.02 m³
Área de forma = 20.5 m²

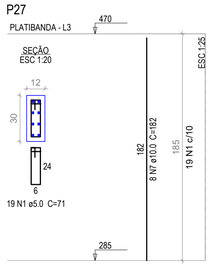
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=P13=P21=P23=P24=
=P25=P28=P29=P30=
=P31=P32=P33=P34=
=P35=P37=P40=P42=
=P43=P45=P52=P54=
=P55=P57=P60=P61=
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=P92=P96=P100=
=P101



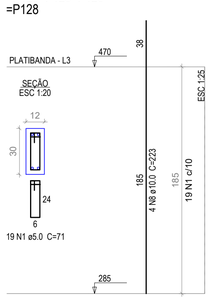
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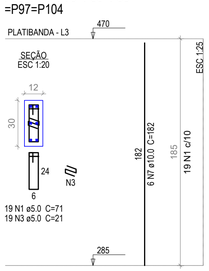
P27



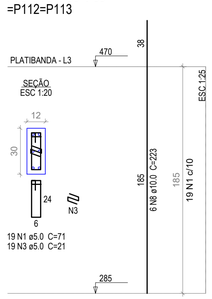
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=P116=P117=P118=
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=P128



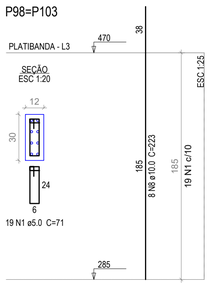
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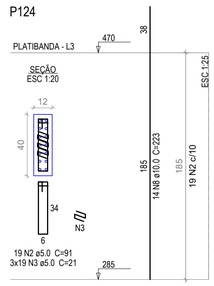
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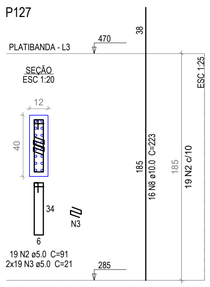
P98=P103



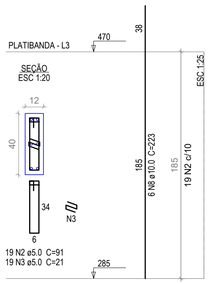
P124



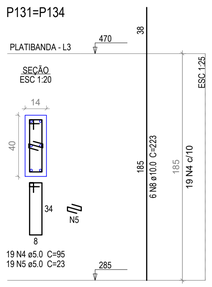
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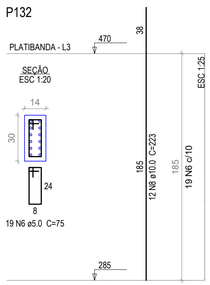
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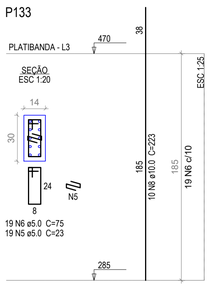
P131=P134



P132



P133



2 ARMAÇÃO DOS PILARES ATÉ PAV. PLATIBANDA
ESCALA INDICADA

Relação do aço

51xP1 2xP12 P27
26xP47 7xP69 6xP70
2xP98 P124 P127
4xP129 2xP131 P132
P133

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1805	71	128155
	2	5.0	152	91	13832
	3	5.0	456	21	9576
	4	5.0	38	95	3610
	5	5.0	57	23	1311
	6	5.0	38	75	2850
CA50	7	10.0	266	182	48412
	8	10.0	252	223	56196

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	1046.1	88	644.9
CA60	5.0	1593.4	-	245.6

PESO TOTAL (kg)	
CA50	644.9
CA60	245.6

Volume de concreto (C-25) = 7.4 m³
Área de forma = 170.27 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL: AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000
COORDENADAS: 18°46'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:49:34 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

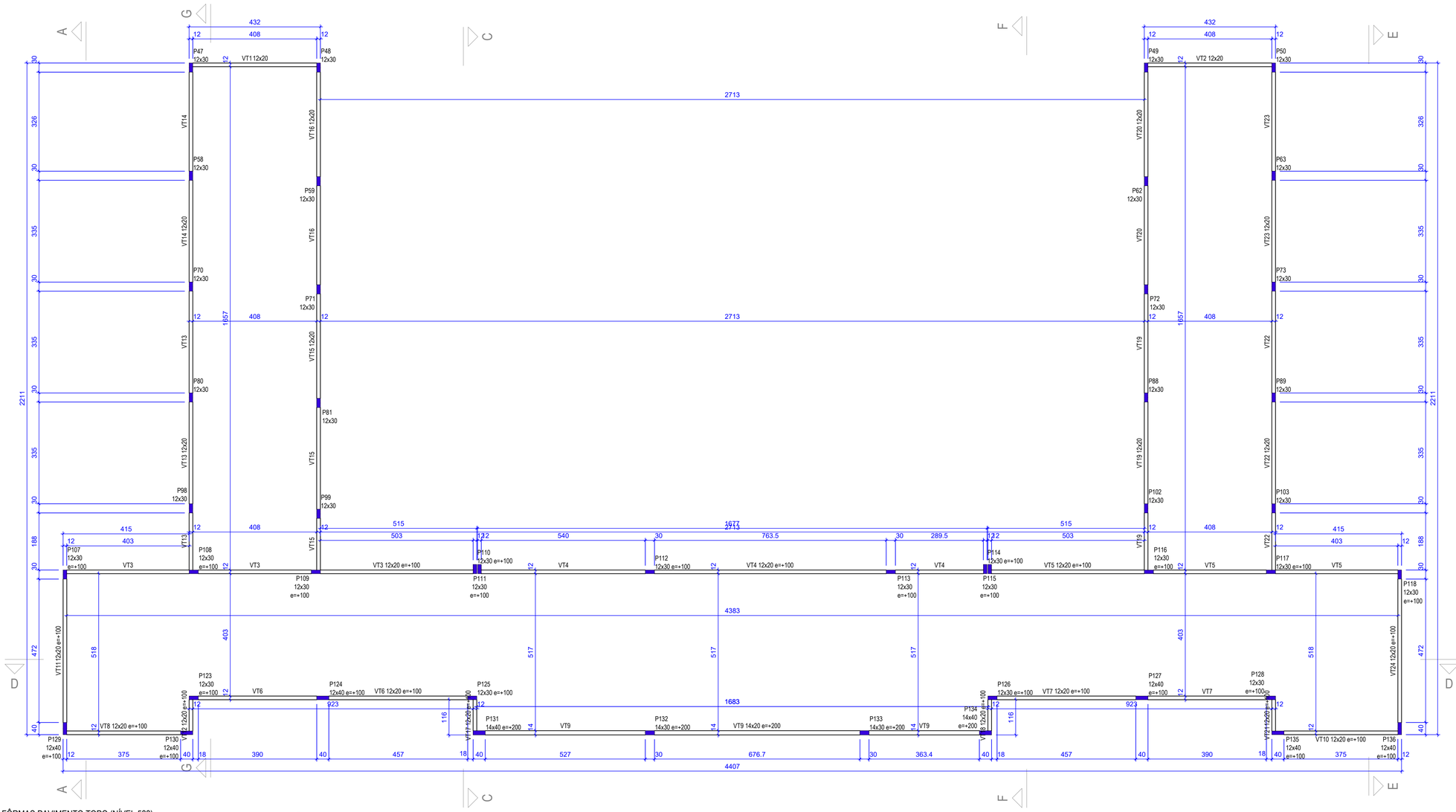
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CONTEÚDO
CORTE D
ARMAÇÃO VIGAS DE PLATIBANDA PARTE 3
ARMAÇÃO PILARES ATÉ PLATIBANDA

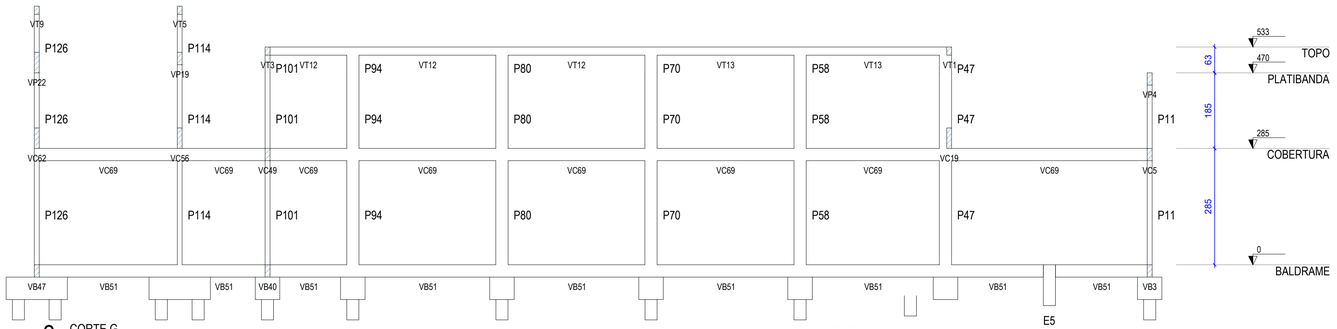
ESCALA: COMO INDICADO
DESENHISTA: GUSTAVO BRIAS
FOLHA: 22/25

ESTRUTURA DE CONCRETO

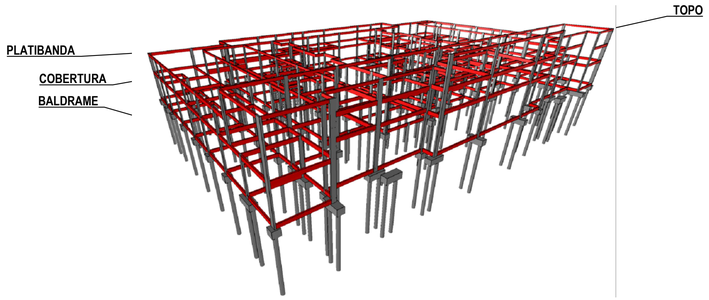
DIA-2505-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS



1 PLANTA DE FÔRMAS PAVIMENTO TOPO (NÍVEL 533)
1:75



2 CORTE G
1:75



3 PERSPECTIVA ATÉ TOPO
SEM ESCALA

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
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Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:50:03 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
PLANTA DE FÔRMAS TOPO

ESCALA
COMO INDICADO

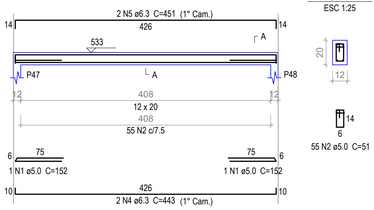
FOLHA
23/25

DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

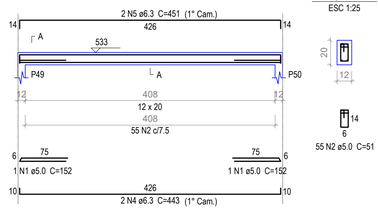
CHA-SSE-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

VT1
ESC 1:50



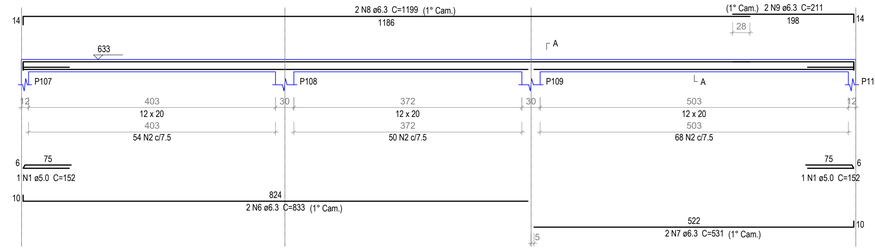
SEÇÃO A-A
ESC 1:25

VT2
ESC 1:50

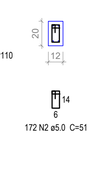


SEÇÃO A-A
ESC 1:25

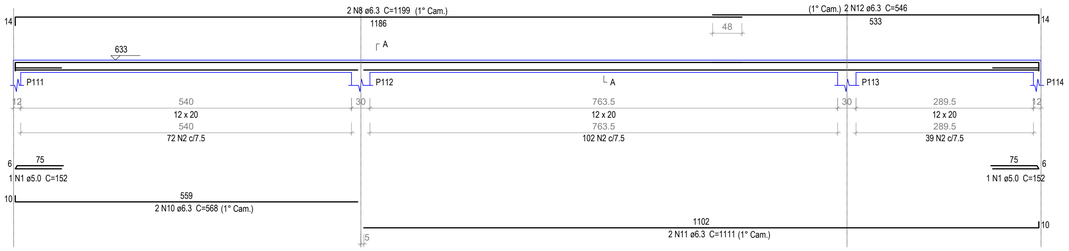
VT3
ESC 1:50



SEÇÃO A-A
ESC 1:25



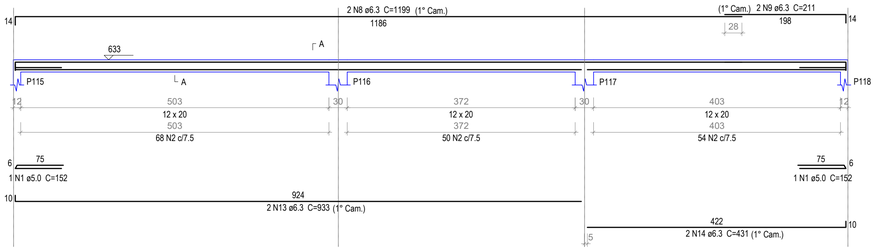
VT4
ESC 1:50



SEÇÃO A-A
ESC 1:25



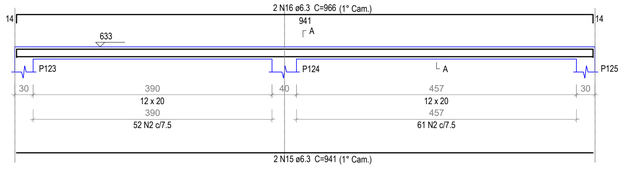
VT5
ESC 1:50



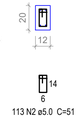
SEÇÃO A-A
ESC 1:25



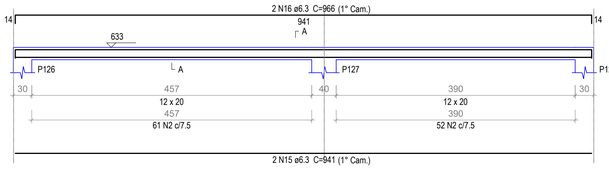
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ESC 1:50



SEÇÃO A-A
ESC 1:25



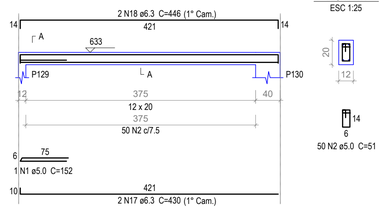
VT7
ESC 1:50



SEÇÃO A-A
ESC 1:25

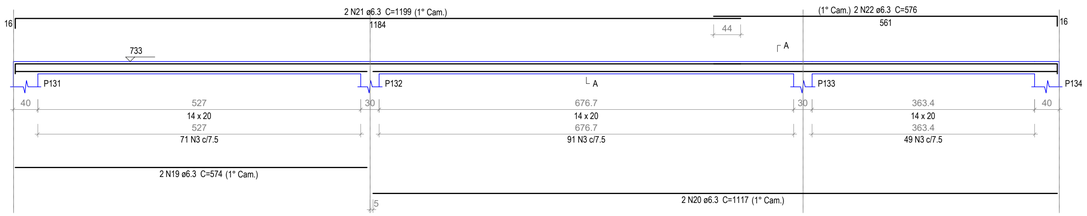


VT8
ESC 1:50

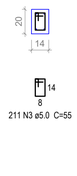


SEÇÃO A-A
ESC 1:25

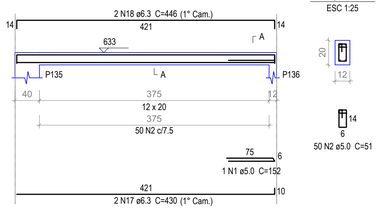
VT9
ESC 1:50



SEÇÃO A-A
ESC 1:25

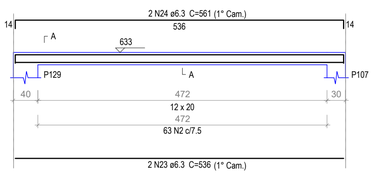


VT10
ESC 1:50

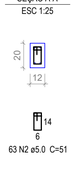


SEÇÃO A-A
ESC 1:25

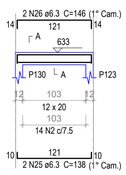
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ESC 1:50



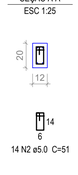
SEÇÃO A-A
ESC 1:25



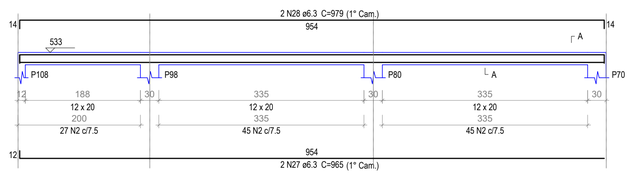
VT12
ESC 1:50



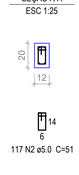
SEÇÃO A-A
ESC 1:25



VT13
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

VT1	VT2	VT3
VT4	VT5	VT6
VT7	VT8	VT9
VT10	VT11	VT12
VT13		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	152	1824
	2	5.0	1187	51	60537
	3	5.0	211	55	11605
CA50	4	6.3	4	443	1772
	5	6.3	4	451	1804
	6	6.3	2	833	1666
	7	6.3	2	531	1062
	8	6.3	6	1199	7194
	9	6.3	4	211	844
	10	6.3	2	568	1136
	11	6.3	2	1111	2222
	12	6.3	2	546	1092
	13	6.3	2	933	1866
	14	6.3	2	431	862
	15	6.3	4	941	3764
	16	6.3	4	966	3864
	17	6.3	4	430	1720
	18	6.3	4	446	1784
	19	6.3	2	574	1148
	20	6.3	2	1117	2234
	21	6.3	2	1199	2398
	22	6.3	2	576	1152
	23	6.3	2	536	1072
	24	6.3	2	561	1122
	25	6.3	2	138	276
	26	6.3	2	146	292
	27	6.3	2	965	1930
	28	6.3	2	979	1958

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	462.4	39	113.1
CA60	5.0	739.7	-	114

PESO TOTAL (kg)	
CA50	113.1
CA60	114

Volume de concreto (C-25) = 2.56 m³
Área de forma = 54.44 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°46'4.80"S 52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:49:47 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS DE TOPO PARTE 1

ESCALA
COMO INDICADO

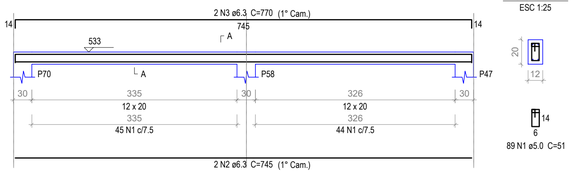
FOLHA
24/25

DESENHISTA
GUSTAVO BRIAS

ESTRUTURA DE CONCRETO

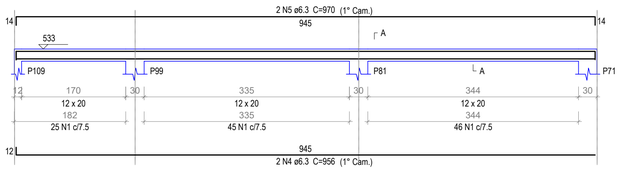
CHA-208-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

VT14
ESC 1:50

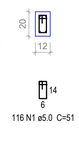


SEÇÃO A-A
ESC 1:25

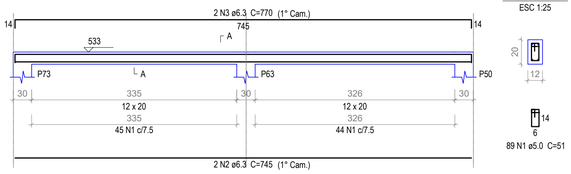
VT15
ESC 1:50



SEÇÃO A-A
ESC 1:25

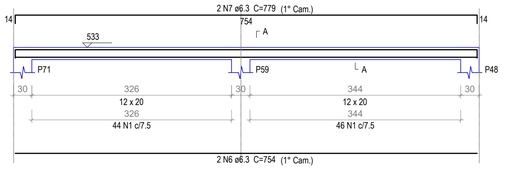


VT23
ESC 1:50

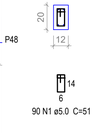


SEÇÃO A-A
ESC 1:25

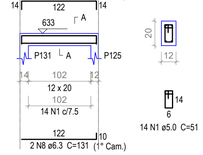
VT16
ESC 1:50



SEÇÃO A-A
ESC 1:25

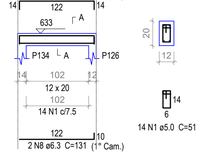


VT17
ESC 1:50



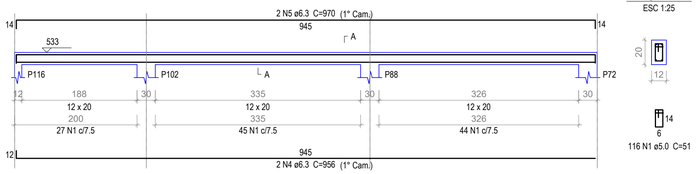
SEÇÃO A-A
ESC 1:25

VT18
ESC 1:50



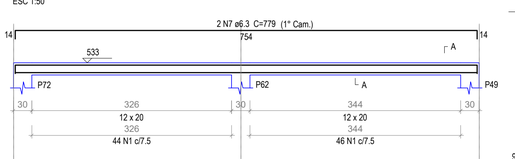
SEÇÃO A-A
ESC 1:25

VT19
ESC 1:50

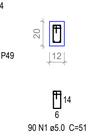


SEÇÃO A-A
ESC 1:25

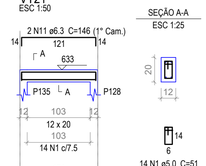
VT20
ESC 1:50



SEÇÃO A-A
ESC 1:25

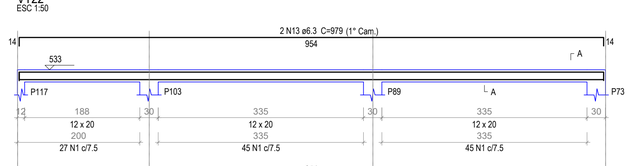


VT21
ESC 1:50



SEÇÃO A-A
ESC 1:25

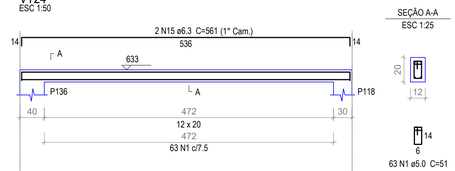
VT22
ESC 1:50



SEÇÃO A-A
ESC 1:25



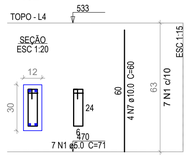
VT24
ESC 1:50



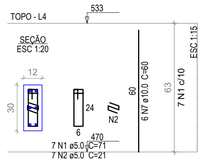
SEÇÃO A-A
ESC 1:25

1 ARMAÇÃO DAS VIGAS PAV. TOPO
ESCALA INDICADA

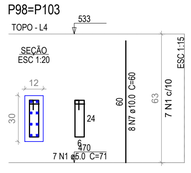
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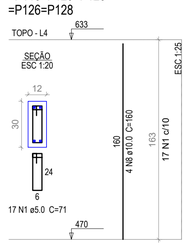
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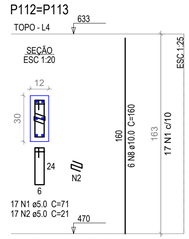
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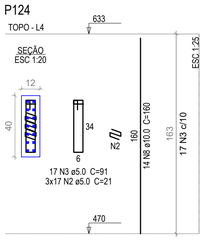
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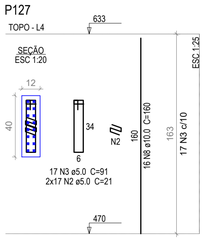
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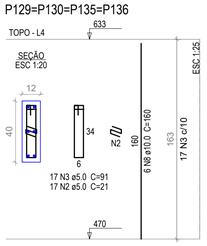
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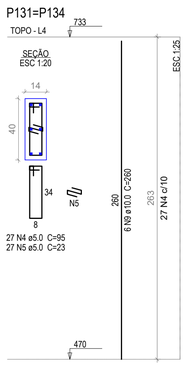
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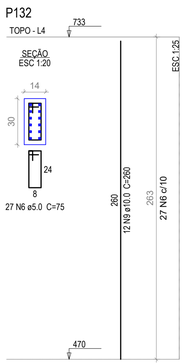
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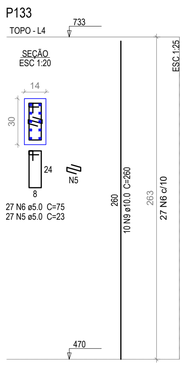
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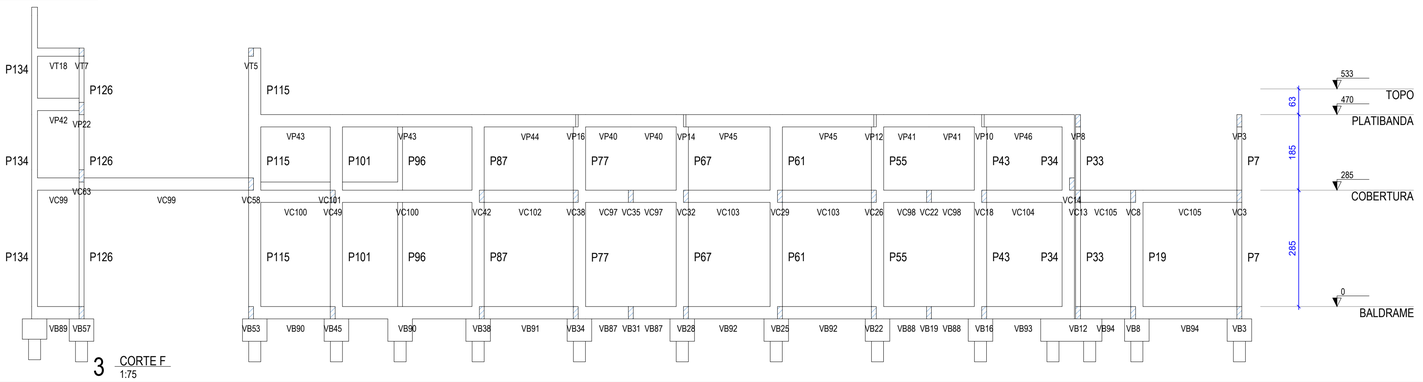
P132



P133



2 ARMAÇÃO DOS PILARES ATÉ PAV. TOPO
ESCALA INDICADA



3 CORTE F
1:75

Relação do aço

VT14	VT15	VT16
VT17	VT18	VT19
VT20	VT21	VT22
VT23	VT24	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	812	51	41412
CA50	2	6.3	4	745	2980
	3	6.3	4	770	3080
	4	6.3	4	956	3824
	5	6.3	4	970	3880
	6	6.3	4	754	3016
	7	6.3	4	779	3116
	8	6.3	4	131	524
	9	6.3	4	147	588
	10	6.3	2	138	276
	11	6.3	2	146	292
	12	6.3	2	965	1930
	13	6.3	2	979	1958
	14	6.3	2	536	1072
	15	6.3	2	561	1122

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	6.3	276.6	24	67.7
CA60	5.0	414.2	-	63.8
PESO TOTAL (kg)				
CA50	67.7			
CA60	63.8			

Volume de concreto (C-25) = 1.44 m³
Área de forma = 31.18 m²

Relação do aço

14xP47	4xP70	2xP98	
14xP107	2xP112	P124	
P127	4xP129	2xP131	
P132	P133		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	412	71	29252
	2	5.0	215	21	4515
	3	5.0	102	91	9282
	4	5.0	54	95	5130
	5	5.0	81	23	1863
	6	5.0	54	75	4050
CA50	7	10.0	96	60	5760
	8	10.0	122	160	19520
	9	10.0	34	260	8840

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	341.2	29	210.4
CA60	5.0	541	-	83.4
PESO TOTAL (kg)				
CA50	210.4			
CA60	83.4			

Volume de concreto (C-25) = 2.38 m³
Área de forma = 52.97 m²

TABELA DE REVISÃO

NÚM.	DATA	DESCRIÇÃO	REVISÃO	ALTERAÇÃO

APROVAÇÃO

PREFEITURA MUNICIPAL DE CHAPADÃO DO SUL

OBRA
CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS

LOCAL
AVENIDA DEZESSEIS-S/N, CENTRO - CHAPADÃO DO SUL/MS, 79560-000

COORDENADAS
18°48'4.80"S
52°37'29.79"O

VISTO/CONVÊNIO	DATA	ÁREA CONSTRUÍDA	ÁREA DO TERRENO
----	JUNHO/2026	999,350 m²	2.108,99 m²

RESPONSÁVEL TÉCNICO PI PROJETO
COSME PEREIRA LISBOA CAMPOS
COSME PEREIRA LISBOA CAMPOS
Assinado de forma digital por COSME PEREIRA LISBOA CAMPOS
Dados: 2026.06.25 15:50:19 -04'00'
CREA nº 63.720/MS

PREFEITO
WALTER SCHLATTER
CNPJ 24.651.200/0001-72

QR CODE

CONTEÚDO
ARMAÇÃO VIGAS E PILARES TOPO
CORTE F

ESCALA
COMO INDICADO

DESENHISTA
GUSTAVO BRIAS

FOLHA
25/25

ESTRUTURA DE CONCRETO

DIA-2026-CONSTRUÇÃO DO CENTRO DE ESPECIALIDADES MÉDICAS