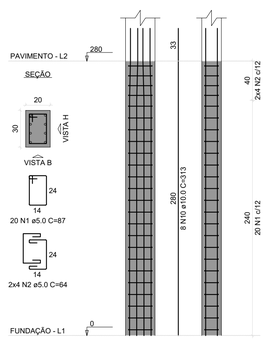
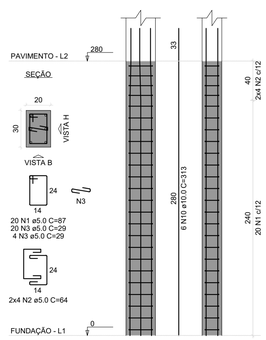
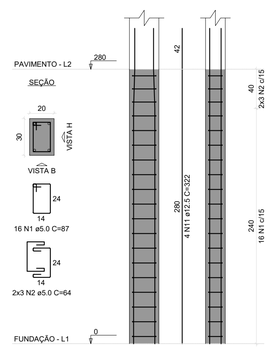
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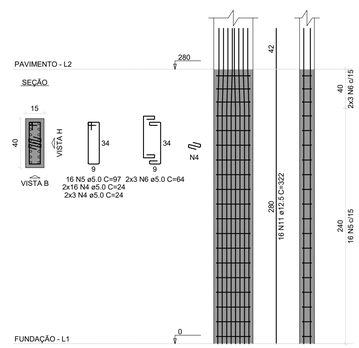
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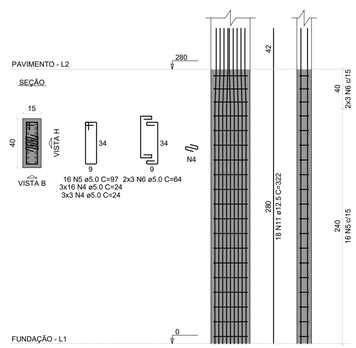
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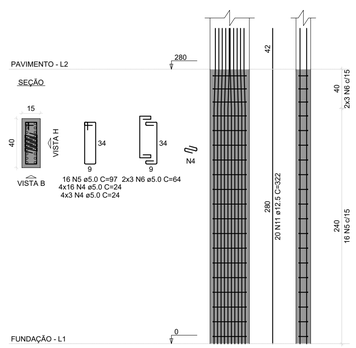
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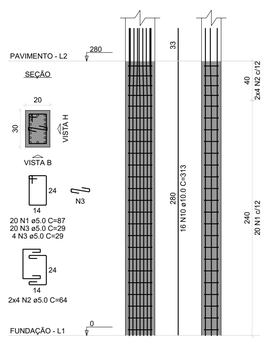
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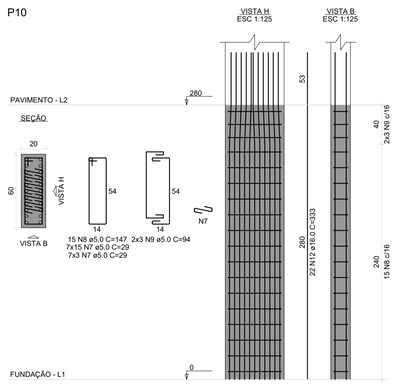
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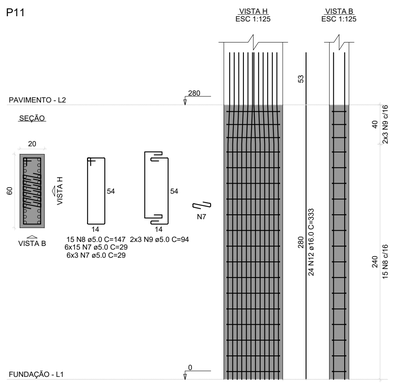
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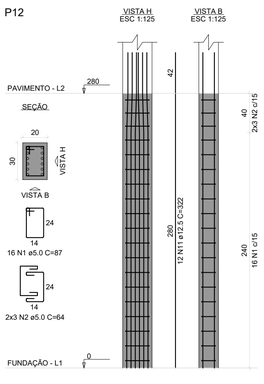
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P11



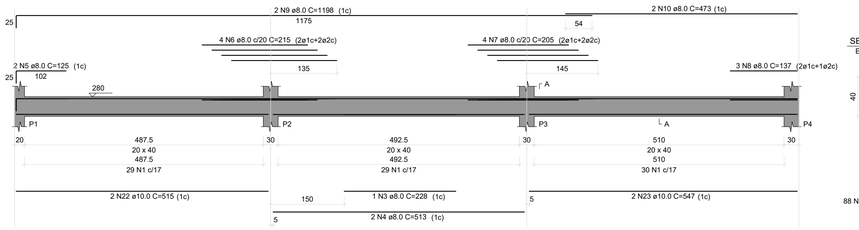
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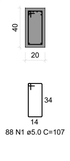
PILARES PAVIMENTO

V1

ESC 1:125

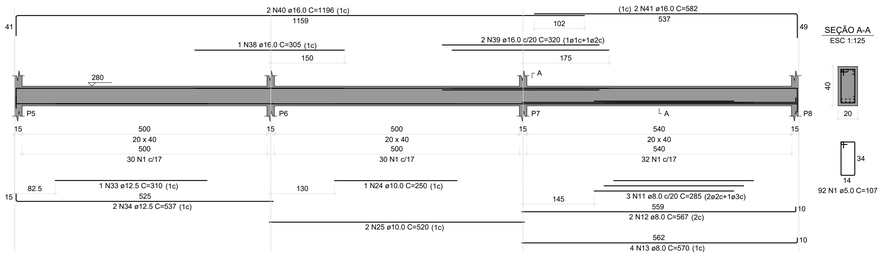


SEÇÃO A-A
ESC 1:125



V2

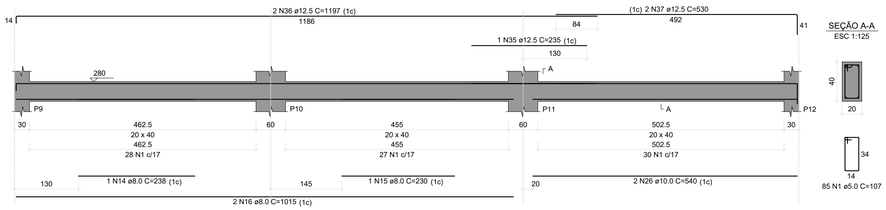
ESC 1:125



SEÇÃO A-A
ESC 1:125

V3

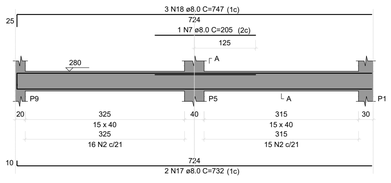
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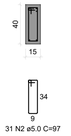
SEÇÃO A-A
ESC 1:125

V4

ESC 1:125

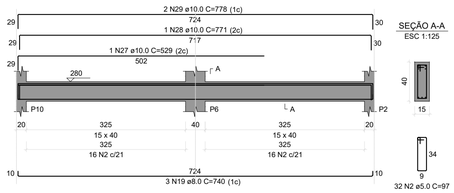


SEÇÃO A-A
ESC 1:125



V5

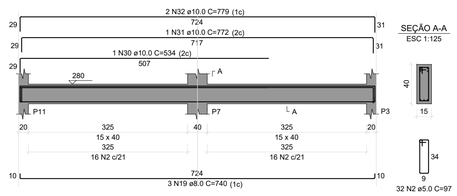
ESC 1:125



SEÇÃO A-A
ESC 1:125

V6

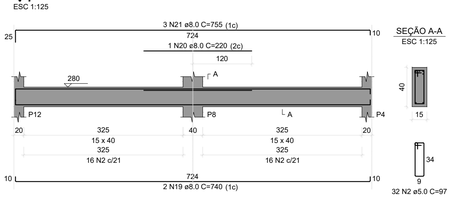
ESC 1:125



SEÇÃO A-A
ESC 1:125

V7

ESC 1:125



SEÇÃO A-A
ESC 1:125

VIGAS SUPERIORES

RELAÇÃO DO AÇO

P1 P2=P3 P4
P5 P6=P7 P8
P9 P10 P11
P12

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	112	87	9744
	2	5.0	44	64	2816
	3	5.0	72	29	2088
	4	5.0	228	24	5472
	5	5.0	84	97	8148
	6	5.0	24	64	1536
	7	5.0	234	29	6786
	8	5.0	30	147	4410
	9	5.0	12	94	1128
CA50	10	10.0	36	313	11268
	11	12.5	66	322	20236
	12	16.0	46	333	15318

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	112.7	76.4
	12.5	283.4	300.2
	16.0	153.2	265.9
CA60	5.0	401.9	68.1

PESO TOTAL (kg)

CA50	642.6
CA60	68.1

Volume de concreto (C-30) = 2.35 m³
Área de forma = 38.08 m²

RELAÇÃO DO AÇO

V1 V2 V3
V4 V5 V6
V7

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	265	107	28355
	2	5.0	127	97	12319
CA50	3	8.0	1	228	228
	4	8.0	2	513	1026
	5	8.0	2	125	250
	6	8.0	2	215	860
	7	8.0	5	205	1025
	8	8.0	3	137	411
	9	8.0	2	1198	2396
	10	8.0	2	473	946
	11	8.0	3	285	855
	12	8.0	2	567	1134
	13	8.0	2	570	1140
	14	8.0	1	238	238
	15	8.0	1	280	280
	16	8.0	2	1015	2030
	17	8.0	2	732	1464
	18	8.0	3	747	2241
	19	8.0	5	740	3700
	20	8.0	1	220	220
	21	8.0	3	755	2265
	22	10.0	2	515	1030
	23	10.0	2	547	1094
	24	10.0	2	520	1040
	25	10.0	2	540	1080
	26	10.0	1	529	529
	27	10.0	1	771	771
	28	10.0	2	778	1556
	29	10.0	1	534	534
	30	10.0	1	772	772
	31	10.0	2	778	1558
	32	10.0	2	779	1558
	33	12.5	1	519	519
	34	12.5	2	537	1074
	35	12.5	1	235	235
	36	12.5	2	1197	2394
	37	12.5	2	530	1060
	38	16.0	1	305	305
	39	16.0	2	320	640
	40	16.0	2	1196	2392
	41	16.0	2	582	1164

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	260.2	112.9
	16.0	102.1	68.3
	12.5	50.7	53.8
	16.0	45	78.1
CA60	5.0	400.7	68

PESO TOTAL (kg)

CA50	314.1
CA60	68

Volume de concreto (C-30) = 5.11 m³
Área de forma = 59.23 m²

PROJETO - REFORMA E AMPLIAÇÃO SALAS DE AULA E ACESSO ACESSÍVEL DA FUNDAÇÃO CULTURAL

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE SÃO CARLOS

ASSINATURA:

RESPONSÁVEL TÉCNICO:
ARQ. MAIARA MAGRI ZANATTA

ASSINATURA:
MAIARA MAGRI ZANATTA:84903945049
Assinado de forma digital por MAIARA MAGRI ZANATTA:84903945049
Dados: 2026.10.28 09:47:40 -03'00'

CAU:
A1523651

ESPECIFICAÇÃO:
PROJETO ESTRUTURAL
PILARES
VIGAS SUPERIORES

ESCALAS:
INDICADA

ÁREA:
116,80

DATA:
OUTUBRO/2026

PRANCHA:
4/5