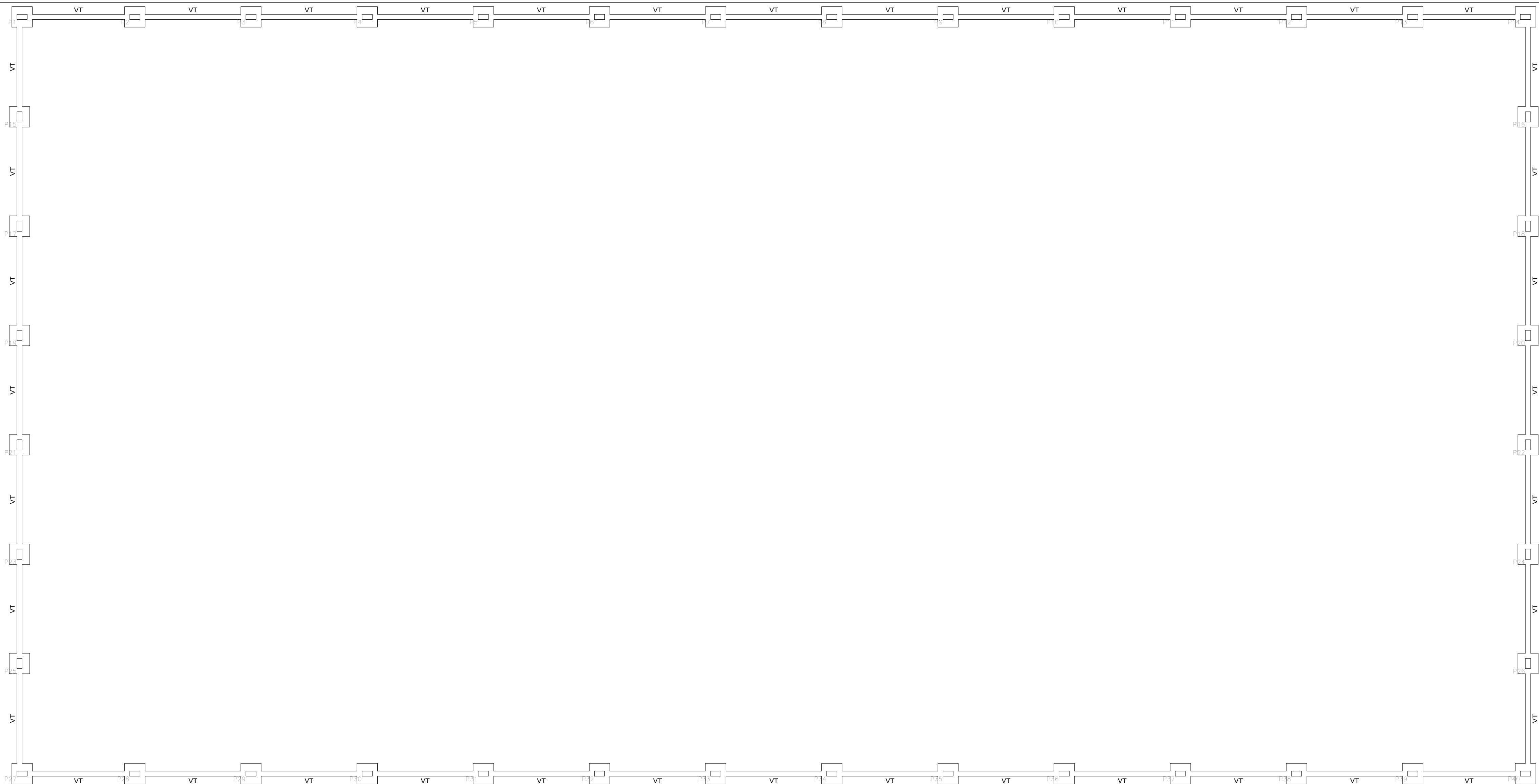
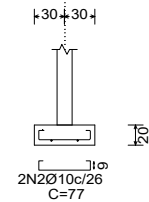
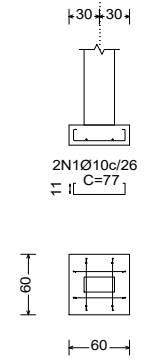




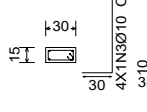
Elemento	Pos.	Diam.	Q.	Dob.	Ret.	Ret.	Dob.	Comp.	Total	CA-50	CA-60
Tubo P2-P3-P4-P5											
P2-P3-P4-P5	1	Ø10	2	2	73	2	77	154	0.9		
P6-P7-P8-P9-P10	2	Ø10	2	4	69	4	77	154	0.9		
P11-P12-P13-P14	3	Ø10	4	30	102		77	231	3.3		
P27-P28-P29-P30	4	Ø4.2	3		77				0.3		
P31-P32-P33-P34											
P35-P36-P37-P38											
P39-P40											
Total+10%										5.6	0.3
(x28)										156.8	8.4
P15-P16-P17-P18											
P19-P20-P21-P22	5	Ø10	2	2	73	2	77	154	0.9		
P23-P24-P25-P26	6	Ø10	2	4	69	4	77	154	0.9		
	7	Ø10	4	30	102		77	231	3.3		
	8	Ø4.2	3		77				0.3		
Total+10%										4.4	0.3
(x12)										52.8	3.6
VT [P1 - P2]											
VT [P13 - P14]	9	Ø10	2		330		330	660	4.1		
VT [P27 - P28]	10	Ø8	2		330		330	660	2.8		
VT [P39 - P40]	11	Ø5	10		66		66	990	1.6		
Total+10%										7.4	1.8
(x4)										29.6	7.2
VT [P2 - P3]											
VT [P3 - P4]	12	Ø10	2		340		340	680	4.2		
VT [P4 - P5]	13	Ø8	2		340		340	680	2.7		
VT [P5 - P6]	14	Ø5	10		66		66	990	1.6		
VT [P6 - P7]											
VT [P7 - P8]											
VT [P8 - P9]											
VT [P9 - P10]											
VT [P10 - P11]											
VT [P11 - P12]											
VT [P12 - P13]											
VT [P13 - P14]											
VT [P14 - P15]											
VT [P15 - P16]											
VT [P16 - P17]											
VT [P17 - P18]											
VT [P18 - P19]											
VT [P19 - P20]											
VT [P20 - P21]											
VT [P21 - P22]											
VT [P22 - P23]											
VT [P23 - P24]											
VT [P24 - P25]											
VT [P25 - P26]											
VT [P26 - P27]											
VT [P27 - P28]											
VT [P28 - P29]											
VT [P29 - P30]											
VT [P30 - P31]											
VT [P31 - P32]											
VT [P32 - P33]											
VT [P33 - P34]											
VT [P34 - P35]											
VT [P35 - P36]											
VT [P36 - P37]											
VT [P37 - P38]											
VT [P38 - P39]											
Total+10%										7.8	1.8
(x22)										167.2	39.6
VT [P16 - P14]											
VT [P15 - P11]	15	Ø10	2		293		293	586	3.6		
	16	Ø8	2		293		293	586	2.3		
	17	Ø5	13		66		66	990	1.4		
Total+10%										6.5	1.4
(x2)										13.0	2.8
VT [P26 - P24]											
VT [P24 - P22]	18	Ø10	2		320		320	640	3.9		
VT [P22 - P20]	19	Ø8	2		320		320	640	2.5		
VT [P20 - P18]	20	Ø5	14		66		66	990	1.5		
VT [P18 - P16]											
VT [P16 - P14]											
VT [P14 - P12]											
VT [P12 - P10]											
VT [P10 - P8]											
VT [P8 - P6]											
VT [P6 - P4]											
VT [P4 - P2]											
VT [P2 - P1]											
Total+10%										7.0	1.7
(x10)										70.0	17.0
VT [P40 - P26]											
VT [P26 - P25]	21	Ø10	2		323		323	646	4.0		
VT [P25 - P24]	22	Ø8	2		323		323	646	2.6		
VT [P24 - P23]	23	Ø5	10		66		66	990	1.6		
Total+10%										7.3	1.8
(x2)										14.6	3.6
Ø4.2										0.0	70.2
Ø8										115.4	0.0
Ø10										388.6	0.0
Total										504.0	82.2

Resumo Aço Subsolo	Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø8	264.6	115
CA-60	Ø10	577.9	392
	Ø4.2	92.4	11
	Ø5	386.8	67
Total			585

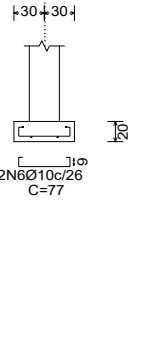
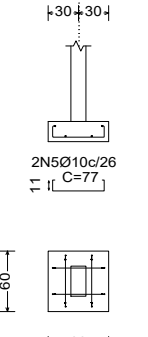
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(P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14, P27, P28, P29, P30, P31, P32, P33, P34, P35, P36, P37, P38, P39 e P40)



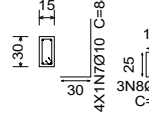
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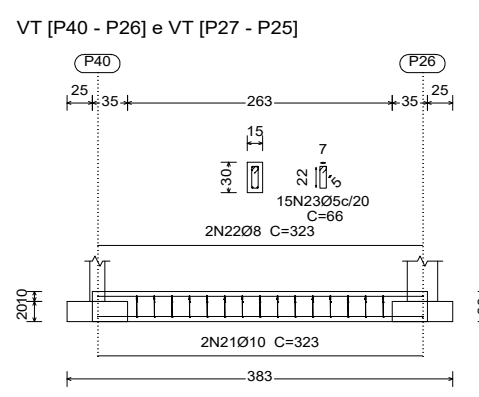
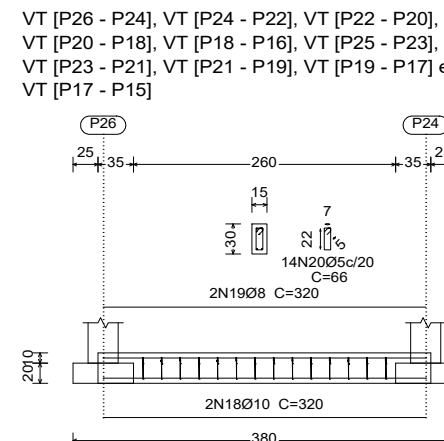
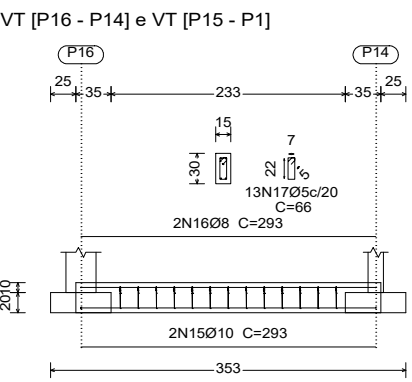
P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25 e P26
(P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25 e P26)



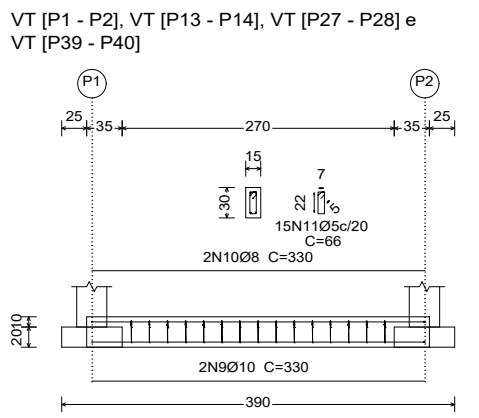
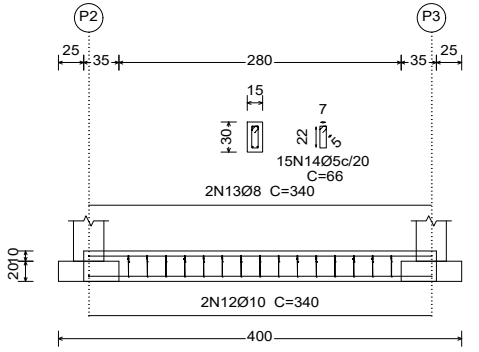
P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25 e P26



VT [P16 - P14] e VT [P15 - P1]



VT [P2 - P3], VT [P3 - P4], VT [P4 - P5], VT [P5 - P6], VT [P6 - P7], VT [P7 - P8], VT [P8 - P9], VT [P9 - P10], VT [P10 - P11], VT [P11 - P12], VT [P12 - P13], VT [P13 - P14], VT [P14 - P15], VT [P15 - P16], VT [P16 - P17], VT [P17 - P18], VT [P18 - P19], VT [P19 - P20], VT [P20 - P21], VT [P21 - P22], VT [P22 - P23], VT [P23 - P24], VT [P24 - P25], VT [P25 - P26], VT [P26 - P27], VT [P27 - P28], VT [P28 - P29], VT [P29 - P30], VT [P30 - P31], VT [P31 - P32], VT [P32 - P33], VT [P33 - P34], VT [P34 - P35], VT [P35 - P36], VT [P36 - P37], VT [P37 - P38] e VT [P38 - P39]



Subsolo Detalhamento fundação Colunas: 1:20, em geral Escala: 1:50

PREFEITURA	PARA USO DO PROJETISTA	TERRENO	MUNICÍPIO	ALTO JEQUITIBÁ	QUADRA POLIESPORTIVA	ÁREA DO TERRENO:	1.450,00m²
		LOGRADOURO (S) NOME (S):	RUA PROJETADA			CREA:	151045D
PROJETO	DETALHE:	RESPONSÁVEL TÉCNICO PELO PROJETO:	ATAÍDE LUIS DE OLIVEIRA			CNPJ:	18.362.506/0001-59
		PROPRIETÁRIO:	MUNICÍPIO DE ALTO JEQUITIBÁ			USO:	FOLHA:
		TÍTULO:	PROJETO ESTRUTURAL				
		FUNDAÇÃO					02/04
		Nº DO DESENHO:	ARQUIVO:	Nº DO PROCESSO:		NUMERAÇÃO FORNECIDA (LOGRADOURO):	