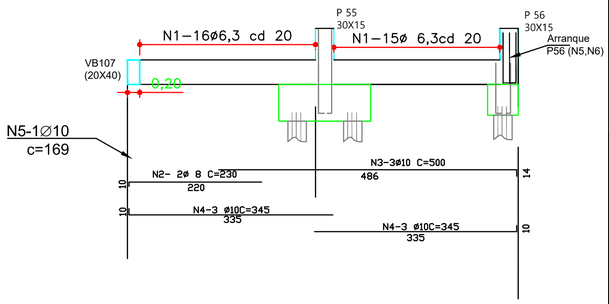
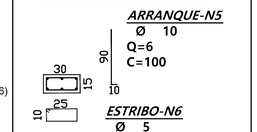
VB 101 (20X40)

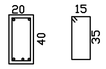


Arranque P56 (N5,N6)



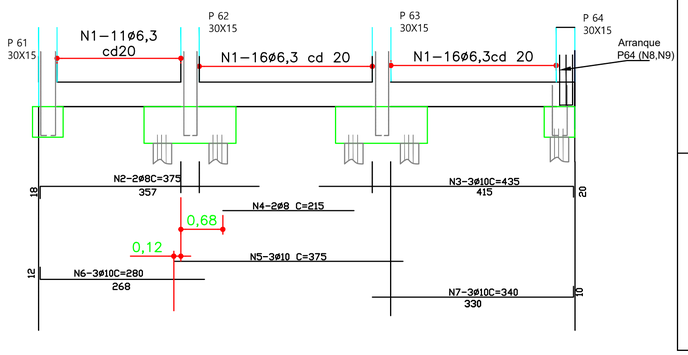
ARRANQUE-N5
Ø 10
Q=6
C=100

ESTRIBO-N6
Ø 5
Q=2
C=85

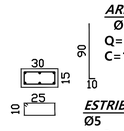


ESTRIBO-N1
Ø 6,3
Q=31
C=115

VB 103 (20X40)

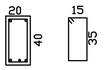


Arranque P56 (N8,N9)



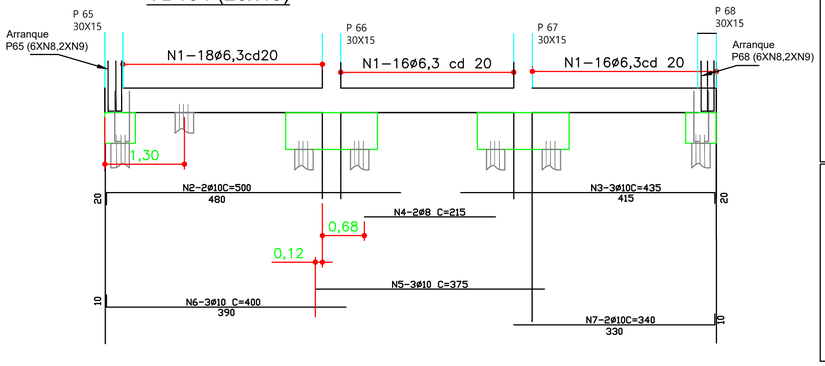
ARRANQUE-N8
Ø 10
Q=6
C=100

ESTRIBO-N9
Ø5
Q=2
C=85

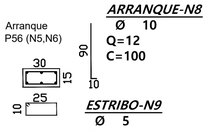


ESTRIBO-N1
Ø 6,3
Q=43
C=115

VB104 (20x40)

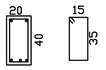


Arranque P65 e P60 (N8,N9)



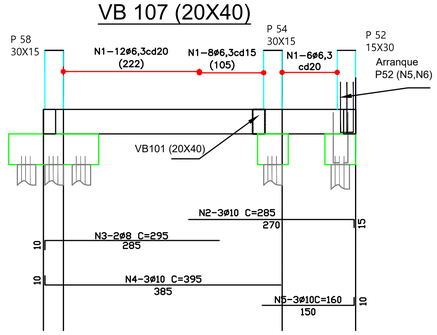
ARRANQUE-N8
Ø 10
Q=12
C=100

ESTRIBO-N9
Ø 5
Q=4
C=85

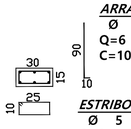


ESTRIBO-N1
Ø 6,3
Q=50
C=115

VB 107 (20X40)

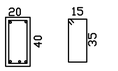


Arranque P52 (N6,N7)



ARRANQUE-N6
Ø 10
Q=6
C=100

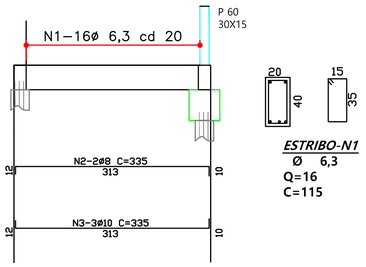
ESTRIBO-N7
Ø 5
Q=2
C=85



ESTRIBO-N1
Ø 6,3
Q=26
C=115

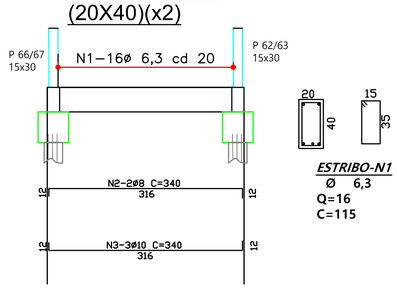
TABELA DE AÇO						
Local:		VIGAS NIVEL 100				
PEÇA	Posição	Bitola	Quantidade	repete	Comprimento	
					unitario	total
VB101	N1	6,3	31	1	115	3565
	N2	8	2	1	230	460
	N3	10	3	1	500	1500
	N4	10	6	1	345	2070
	N5	10	6	1	100	600
	N6	5	2	1	85	170
VB102	N1	6,3	50	1	115	5750
	N2	10	3	1	500	1500
	N3	10	3	1	435	1305
	N4	8	2	1	215	430
	N5	10	3	1	375	1125
	N6	10	3	1	500	1500
	N7	10	3	1	340	1020
	N8	10	12	1	100	1200
	N9	5	2	1	105	210
	N10	5	2	1	85	170
VB103	N1	6,3	47	1	115	5405
	N2	8	2	1	375	750
	N3	8	2	1	215	430
	N4	10	3	1	435	1305
	N5	10	3	1	375	1125
	N6	10	3	1	260	780
	N7	10	3	1	340	1020
	N8	10	6	1	100	600
	N9	5	2	1	85	170
VB104	N1	6,3	50	1	115	5750
	N2	10	2	1	500	1000
	N3	10	3	1	435	1305
	N4	8	2	1	215	430
	N5	10	3	1	375	1125
	N6	10	3	1	400	1200
	N7	10	3	1	340	1020
	N8	10	12	1	100	1200
	N9	5	4	1	85	340
VB105	N1	6,3	16	1	115	1840
	N2	8	2	1	335	670
	N3	10	3	1	335	1005
VB106=VB108	N1	6,3	16	2	115	3680
	N2	8	2	2	340	1360
	N3	10	2	2	340	1360
VB107	N1	6,3	26	1	115	2990
	N2	10	3	1	285	855
	N3	8	2	1	295	590
	N4	10	3	1	395	1185
	N5	10	3	1	160	480
	N6	10	6	1	100	600
	N7	5	2	1	85	170
VB109	N1	6,3	17	1	115	1955
	N2	8	2	1	380	760
	N3	10	3	1	370	1110

VB 105 (20X40)



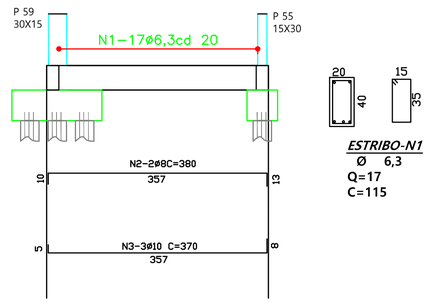
ESTRIBO-N1
Ø 6,3
Q=16
C=115

VB 106=VB 108 (20X40)(x2)



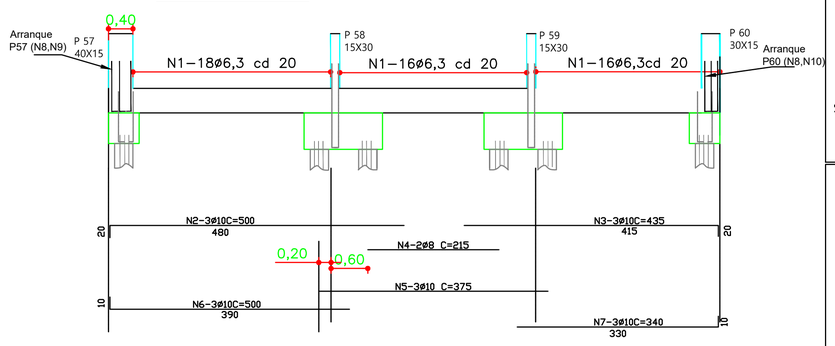
ESTRIBO-N1
Ø 6,3
Q=16
C=115

VB 109 (20X40)

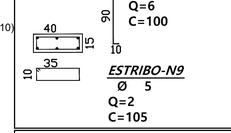


ESTRIBO-N1
Ø 6,3
Q=17
C=115

VB 102 (20X40)



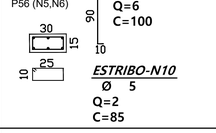
Arranque P57 (N8,N9)



ARRANQUE-N8
Ø 10
Q=6
C=100

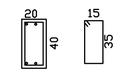
ESTRIBO-N9
Ø 5
Q=2
C=105

Arranque P60 (N8,N10)



ARRANQUE-N8
Ø 10
Q=6
C=100

ESTRIBO-N10
Ø 5
Q=2
C=85



ESTRIBO-N1
Ø 6,3
Q=50
C=115

Resumo do aço CA 50			
Peças:	VIGAS NIVEL 100		
bitola	peso/m²	Quantidd	Peso
6,3	0,245	309,35	75,79
8	0,395	58,8	23,23
10	0,617	300,95	185,69
12,5	0,963	0	0,00
16	1,578		0,00
20	2,466		0,00
25	3,853		0,00
	Total s/perda		284,70
	Perda (10%)		28,47
	Total		313,17

Resumo do aço CA 60			
Peças:	VIGAS NIVEL 100		
bitola	peso/m²	Quantidd	Peso
5	0,154	12,3	1,89
	Total s/perda		2
	Perda (10%)		0
	Total		2

PREFEITURA MUNICIPAL DA ESTÂNCIA TURÍSTICA DE TREMEMBÉ

OBJETO: REFORMA E AMPLIAÇÃO DE PRÉDIO PARA POSTO DE SAÚDE NO BAIRRO DOS GUEDES

LOCAL: AVENIDA JOSÉ ZAINA Nº 96, BAIRRO DOS GUEDES, TREMEMBÉ, SP

ASSUNTO: PROJETO ESTRUTURAL– ARMAÇÃO DAS VIGAS BALDRAMES

FOLHA: EST 04/08

DATA: OUTUBRO/2026

ESCALA: INDICADA

DESENHO: R00

CLEMENTE ANTONIO DE LIMA NETO
PREFEITO MUNICIPAL

SERGIO LUIZ DE ALVARENGA
ENGENHEIRO CIVIL
CREA/SP: 060096681