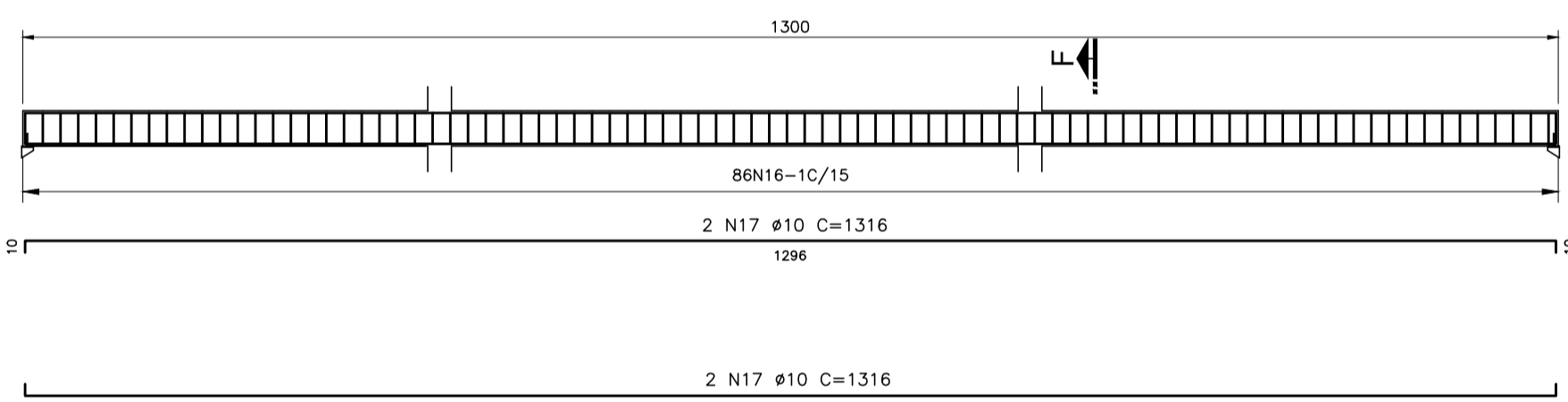


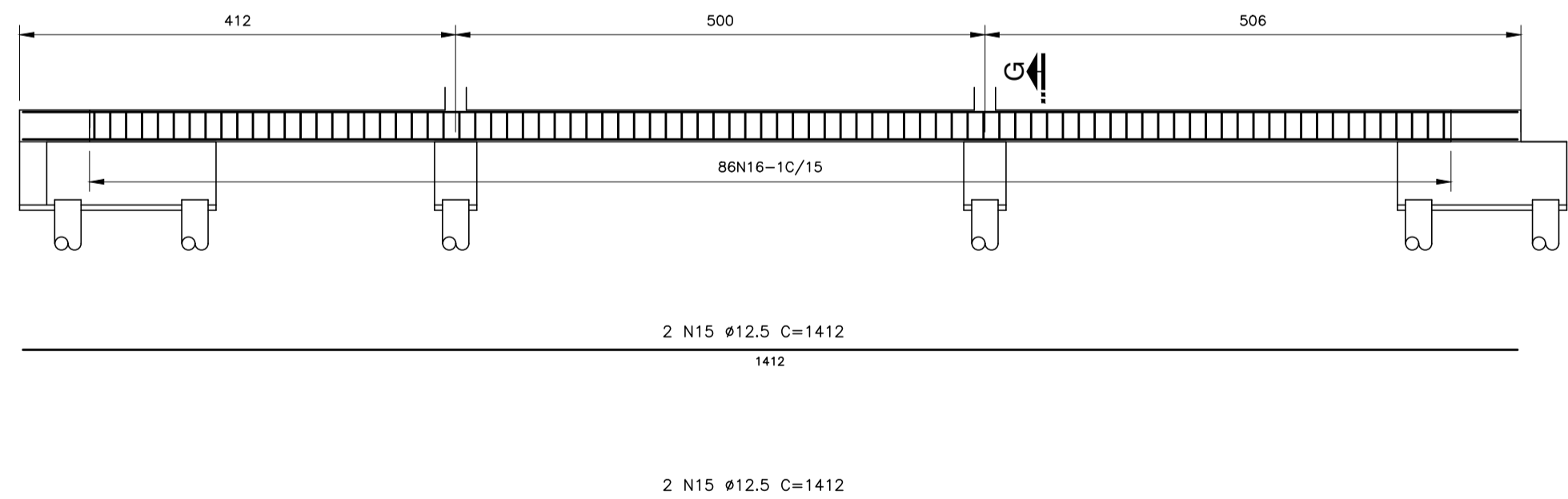
ARMADURA BLOCO A (7X)

ARMADURA BLOCO B (2X)

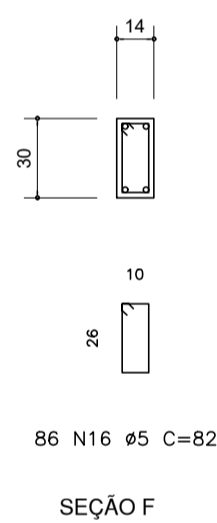
ARMADURA BLOCO C (7X)



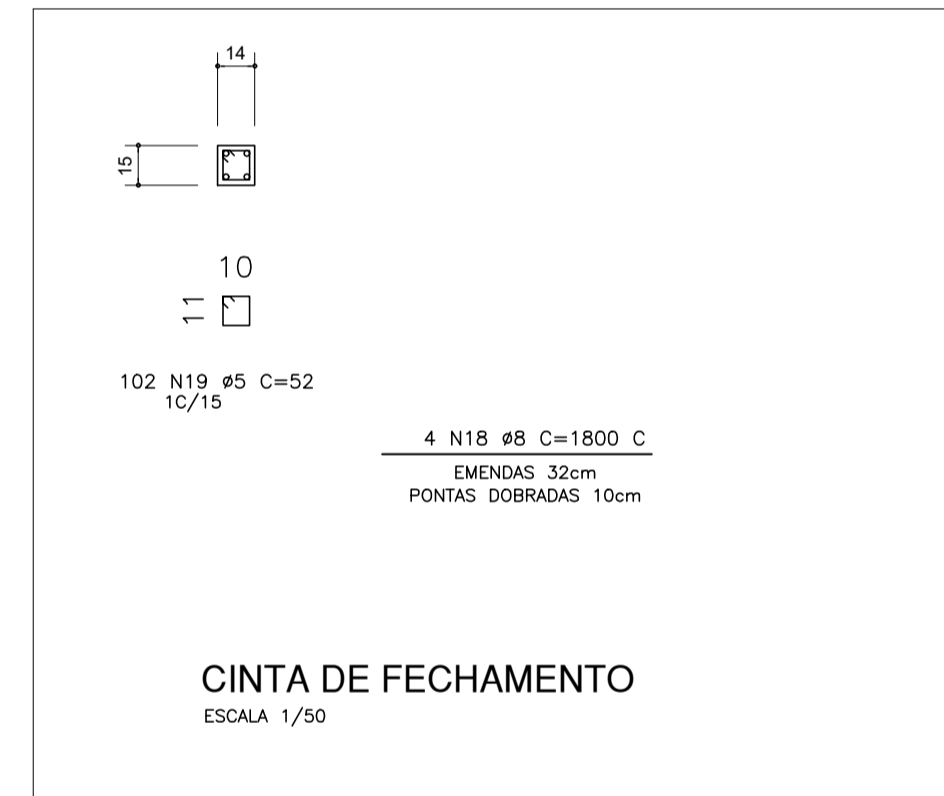
VIGA INTERMEDIÁRIA DO OITÃO
ESCALA 1/50



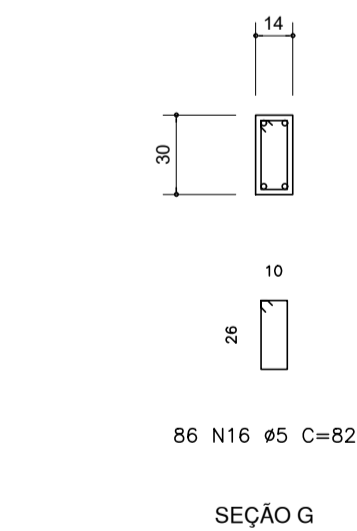
VIGA BALDRAME DO OITÃO
ESCALA 1/50



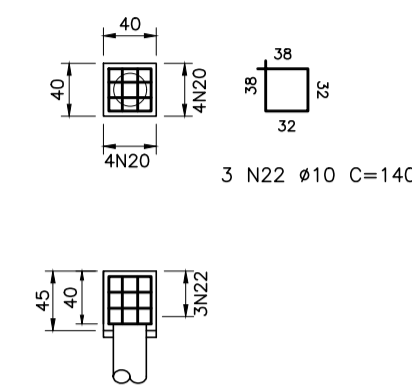
SEÇÃO F



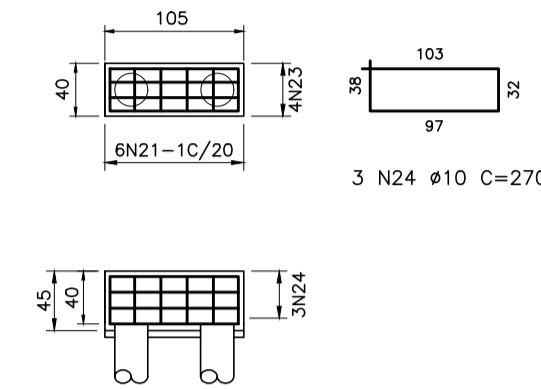
CINTA DE FECHAMENTO
ESCALA 1/50



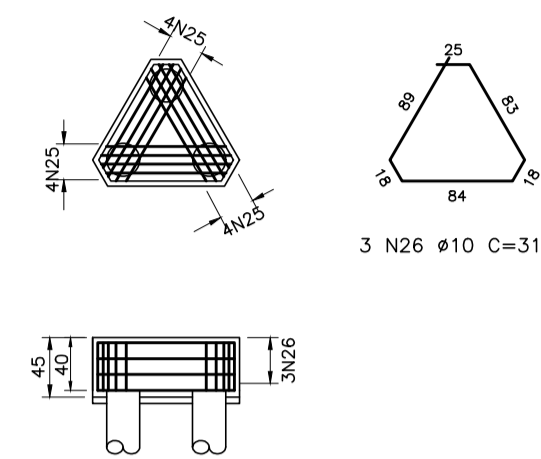
SEÇÃO G



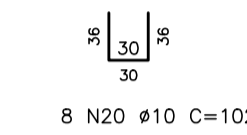
DETALHE BLOCO B1 (12X)



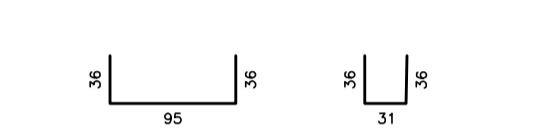
DETALHE BLOCO B2 (6X)



DETALHE BLOCO B3 (4X)



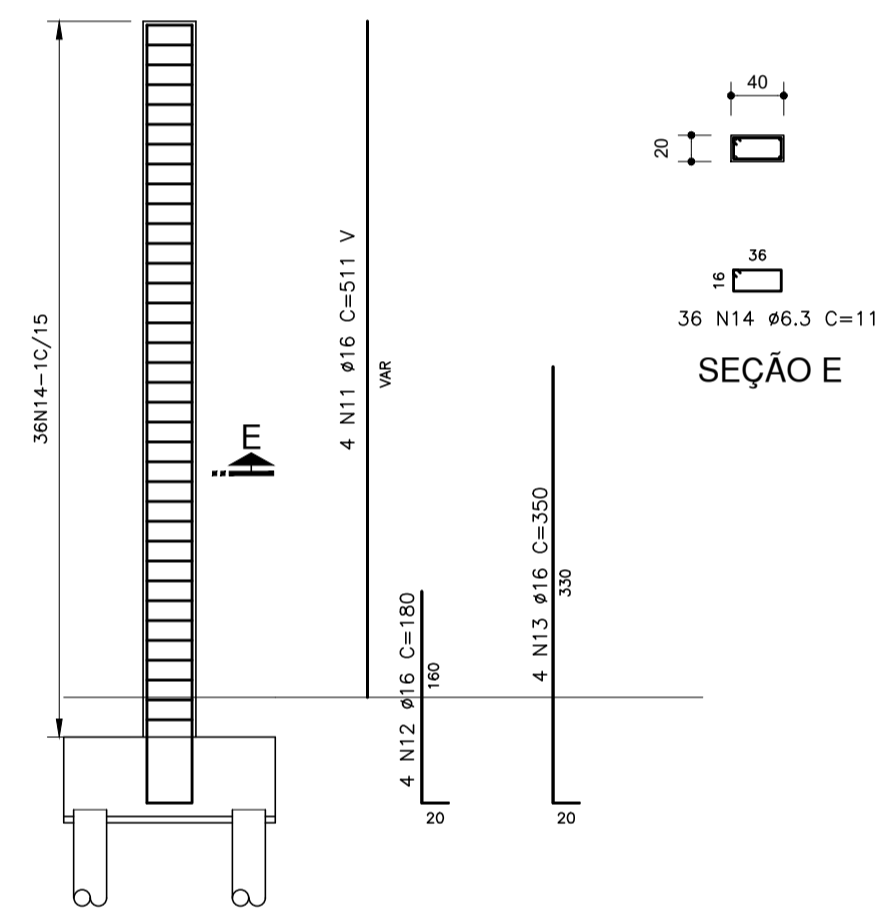
8 N20 #10 C=102



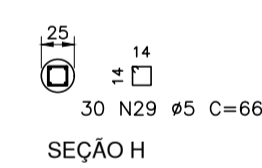
4 N23 #10 C=167 6 N21 #10 C=103



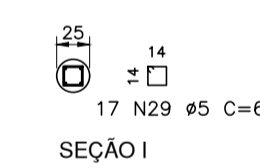
12 N25 #10 C=175 V



ARMADURA PA (2X)



SEÇÃO H



SEÇÃO I

ARMADURA ESTACAS A BLOCO A, BLOCO B e BLOCO C (39X)

ARMADURA ESTACAS B BLOCOS B1, B2, B3 e ESTACAS ISOLADAS (57X)

TABELA DE FERROS					
TIPO	POS.	BIT.	QUANT.	C.Unf. (cm)	C.Tot. (cm)
ARMADURA BLOCO A (7 X)					
CA-50A	1	12.5	4	449	1796
CA-50A	2	10	6	178	1068
CA-50A	3	10	2	236	472
CA-50A	4	10	3	380	1140
CA-50A	5	8	4	186	744
ARMADURA BLOCO B (2 X)					
CA-50A	1	12.5	4	449	1796
CA-50A	2	10	8	178	1424
CA-50A	4	10	3	380	1140
ARMADURA BLOCO C (7 X)					
CA-50A	2	10	6	178	1068
CA-50A	3	10	4	236	944
CA-50A	5	8	4	186	744
CA-50A	6	12.5	4	499	1996
CA-50A	7	10	3	432	1296
CA-50A	8	10	3	282	846
CA-50A	9	10	4	346	1384
CA-50A	10	10	4	182	728
VIGA INTERMEDIÁRIA DO OITÃO (1 X)					
CA-60B	16	5	86	82	7052
CA-50A	17	10	4	1356	5424
VIGA BALDRAME DO OITÃO (1 X)					
CA-50A	15	12.5	4	1452	5808
CA-60B	16	5	86	82	7052
CINTA DE FECHAMENTO (1 X)					
CA-50A	18	8	4	-CORR-	7280
CA-60B	19	5	102	52	5304
DETALHE BLOCO B1 (12 X)					
CA-50A	20	10	8	102	816
CA-50A	22	10	3	140	420
DETALHE BLOCO B2 (6 X)					
CA-50A	21	10	6	103	618
CA-50A	23	10	4	167	668
CA-50A	24	10	3	270	810
DETALHE BLOCO B3 (4 X)					
CA-50A	25	10	12	-VAR-	2100
CA-50A	26	10	3	317	951
ARMADURA PA (2X) (2 X)					
CA-50A	11	16	4	-VAR-	2044
CA-50A	12	16	4	180	720
CA-50A	13	16	4	350	1400
CA-50A	14	6.3	36	116	4176
ARMADURA ESTACAS A (39 X)					
CA-50A	27	8	4	-VAR-	2080
CA-60B	29	5	30	66	1980
ARMADURA ESTACAS B (57 X)					
CA-50A	28	8	4	-VAR-	1280
CA-60B	29	5	17	66	1122
R E S U M O D O A Ç O +10%					
PESO CA-60B # 5	1766.40 m	277.33kg			
PESO CA-50A # 6.3	91.87 m	22.72kg			
PESO CA-50A # 8	1889.64 m	741.64kg			
PESO CA-50A # 10	1240.65 m	778.13kg			
PESO CA-50A # 12.5	395.38 m	387.97kg			
PESO CA-50A # 16	91.61 m	143.82kg			
PESO TOTAL CA-50A		2075.28kg			
PESO TOTAL CA-60B		277.33kg			
P E S O T O T A L =		2352.61kg			

CONSUMO	
- CONCRETO	14,98 m³
- FORMAS	109,62 m²
- AÇO	2352,61 kg
- CONCRETO DAS ESTACAS	28,28 m³

CONCRETO FUNDADO
RESISTENCIA - fca=25MPa (250kgf/cm²)

QUADRO DE REVISÕES:		
REVISÃO	DISCRIMINAÇÃO	DATA
A	EMISSÃO INICIAL	30/08/2019

mísula
engenharia s/s

RUA COMENDADOR MIRÓ, 1399 - PONTA GROSSA - PR.
CEP: 84010 - 160. FONE: (41) 3038 - 5040 e 3039 - 5048

PROJETO ESTRUTURAL EM CONCRETO
RESPONSÁVEL TÉCNICO PELO PROJETO:
ANTONIO CARLOS PILATTI - CREA 116640/PR
DESENHO: PILATTI
DATA: AGOSTO DE 2019

CLIENTE / PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE ITARARE
OBRA:
CENTRO ESPORTIVO LUDOVICO CARLOS PANNIS
BARRACÃO PARA PRÁTICA ESPORTIVA
LOCAL:
ITARARE (SP)
UNIDADE: CENTIMETRO
ESCALA: INDICADA
PROJETO: 2763

FOLHA: 02/08
CONTÉUDO:
ARMADURA DOS BLOCOS E ESTRUTURA DO OITÃO