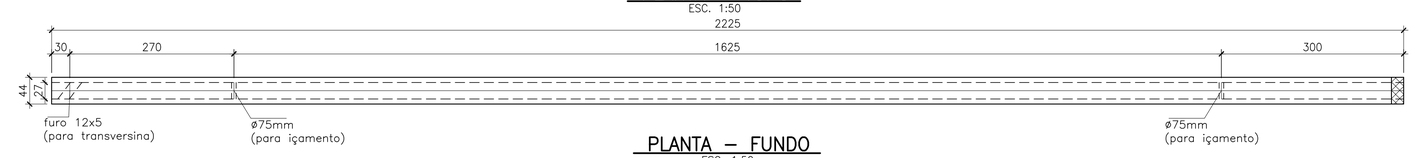
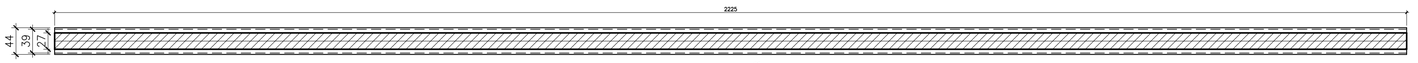
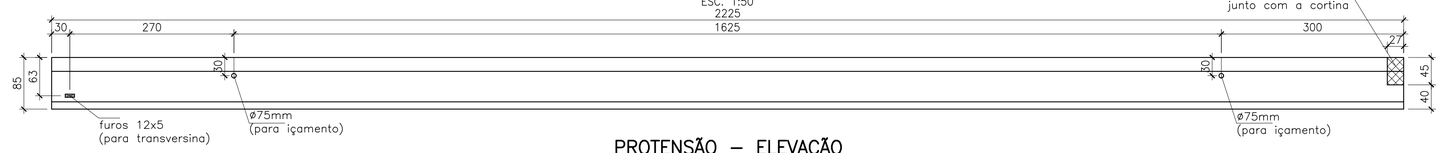
PLANTA – TOPO
ESC. 1:50



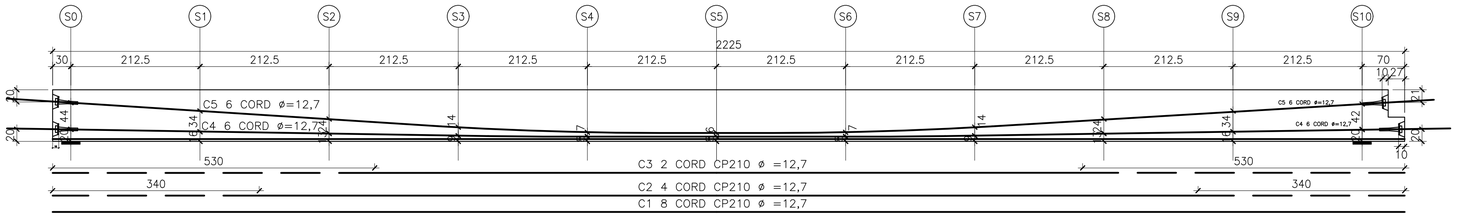
PLANTA – FUNDO
ESC. 1:50



ELEVAÇÃO
ESC. 1:50



PROTENSÃO – ELEVAÇÃO
ESC. 1:50



AÇO CP210 RB 12.7
PARA UMA VIGA

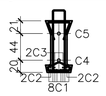
C	ø	Q	COMPRIMENTOS UNIT. cm	COMPRIMENTOS TOTAL m
C1–C2–C3	12.7	14	2225	312
C4–C5	12.7	12	2375	285

RESUMO AÇO CP210 RB 12.7
PARA 1 VIGA

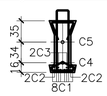
ø	COMPR. m	MASSA kg
12.7	597	466

NOTAS:
1 – CORDOALHAS C4 E C5 CP210 RB 12,7
2 – TENSÃO DE PROTENSÃO 157,5 Kn/cm2
3 – ALONGAMENTO DOS CABOS = 90mm POR FACE
4 – PROTENDER O CABO C5 APÓS A DESFORMA
5 – PROTENDER O CABO C6 10 DIAS APÓS A DESFORMA
6 – CONCRETO DA VIGA PROTENDIDA = 45 MPa

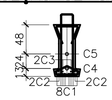
SEÇÃO S0=S10



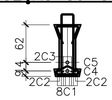
SEÇÃO S1=S9



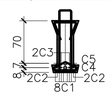
SEÇÃO S2=S8



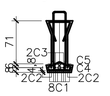
SEÇÃO S3=S7



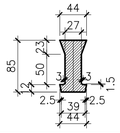
SEÇÃO S4=S6



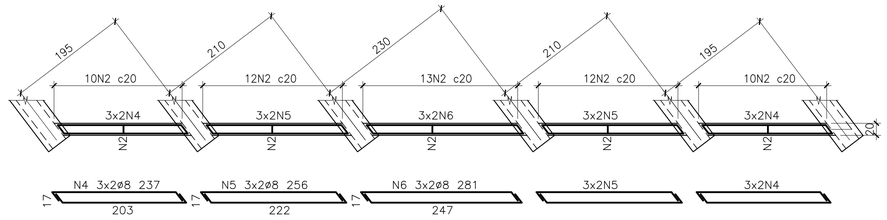
SEÇÃO S5



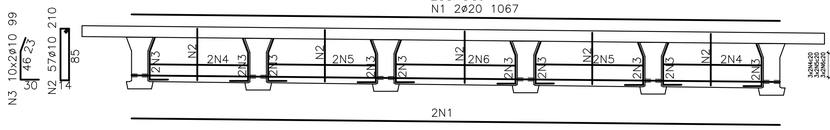
SEÇÃO TRANSVERSAL
ESC. 1:50



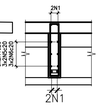
TRANSVERSINA – FORMA E ARMADURA – PLANTA
ESC. 1:50



ELEVAÇÃO
ESC. 1:50



CORTE
ESC. 1:50



– LISTA DE FERROS –

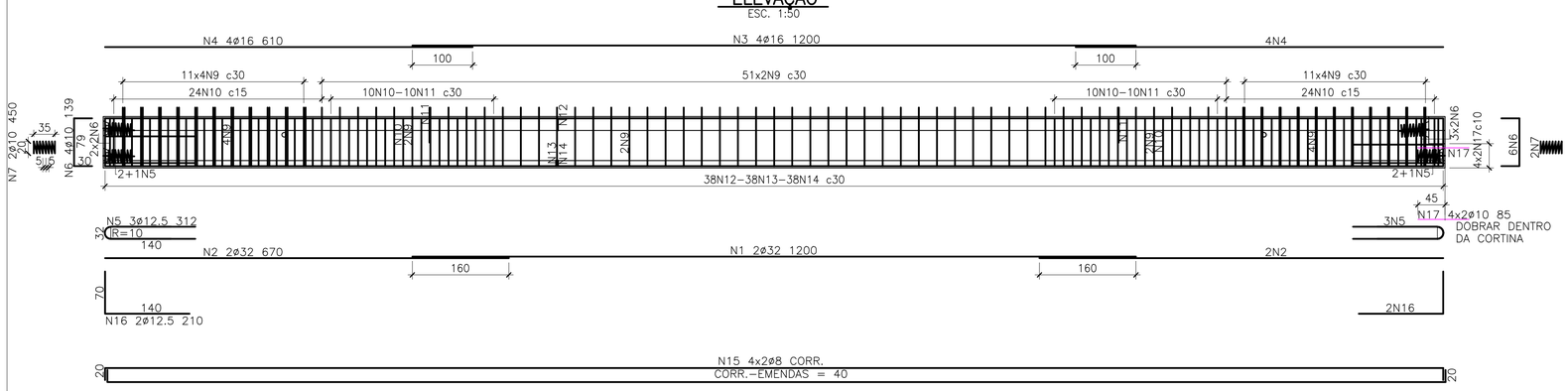
N	ø	Q	COMPRIMENTOS UN.(cm)	COMPRIMENTOS TOTAL(m)
1	20	4	1067	43
2	10	57	210	120
3	10	20	99	20
4	8	12	237	28
5	8	12	256	31
6	8	6	281	17

– RESUMO ACO CA50 –
–PARA UMA TRANSVERSINA–

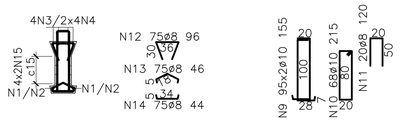
ø	COMPRIM. TOTAL(m)	PESO TOTAL (kg)
20	43	108
10	140	88
8	76	30
PESO TOTAL (kg)		226

– RESUMO ACO CA50 –
–PARA 3 TRANSVERSINAS = 678 kg–

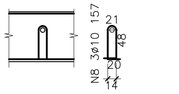
ELEVAÇÃO
ESC. 1:50



SEÇÃO TRANSVERSAL TIPICA
ESC. 1:50



DETALHE IÇAMENTO 2x
ESC. 1:50



VALORES PARA UMA VIGA
– LISTA DE FERROS –

N	ø	Q	COMPRIMENTOS UN.(cm)	COMPRIMENTOS TOTAL(m)
1	32	2	1200	24
2	32	4	670	27
3	16	4	1200	48
4	16	8	610	49
5	12.5	6	312	19
6	10	10	139	14
7	10	4	450	18
8	10	6	157	9
9	10	190	155	295
10	10	68	215	146
11	8	20	120	24
12	8	75	96	72
13	8	75	46	35
14	8	75	44	33
15	8	8	CORR	185
16	12.5	4	210	8
17	10	8	85	7

RESUMO AÇO CA50A PARA UMA VIGA

ø	COMPRIM. TOTAL(m)	PESO TOTAL (kg)
32	51	34
16	97	155
12.5	27	27
10	499	308
8	349	140

PESO TOTAL (kg)	664

RESUMO AÇO CA50A PARA 6 VIGAS

PESO TOTAL (kg)	3984

NOTAS GERAIS

- VER NOTAS NO DESENHO PJ-1131-E-E99-VO-DE-101-0A

REV.	DATA	TIPO	POR	
0	07/08/2020	E	PGP	EMISSÃO INICIAL

PREFEITURA MUNICIPAL DE NITERÓI

PCE Projetos & Consultorios de Engenharia

TÍTULO PROJETO EXECUTIVO PARA A REURBANIZAÇÃO E INTERVENÇÃO VIÁRIA DO ACESSO AO BAIRRO CAMBOINHAS, MUNICÍPIO DE NITEROI/RJ
PROJETO DE ESTRUTURAS
PONTE EIXO 200
VPM.01 - FORMA E ARMADURA

RESPONSÁVEL	DATA
PROJ. CAMILO DE LELLIS MACHADO MASSA - CREA-1982105515-RJ	07/08/2020
APROV.	07/08/2020

ESCALA INDICADA
Nº DA PRANCHA 11 DE 27
Nº DESENHO EST_PONTES_11-27_CB

PJ1131-E-E99-VO-DE-111-0A