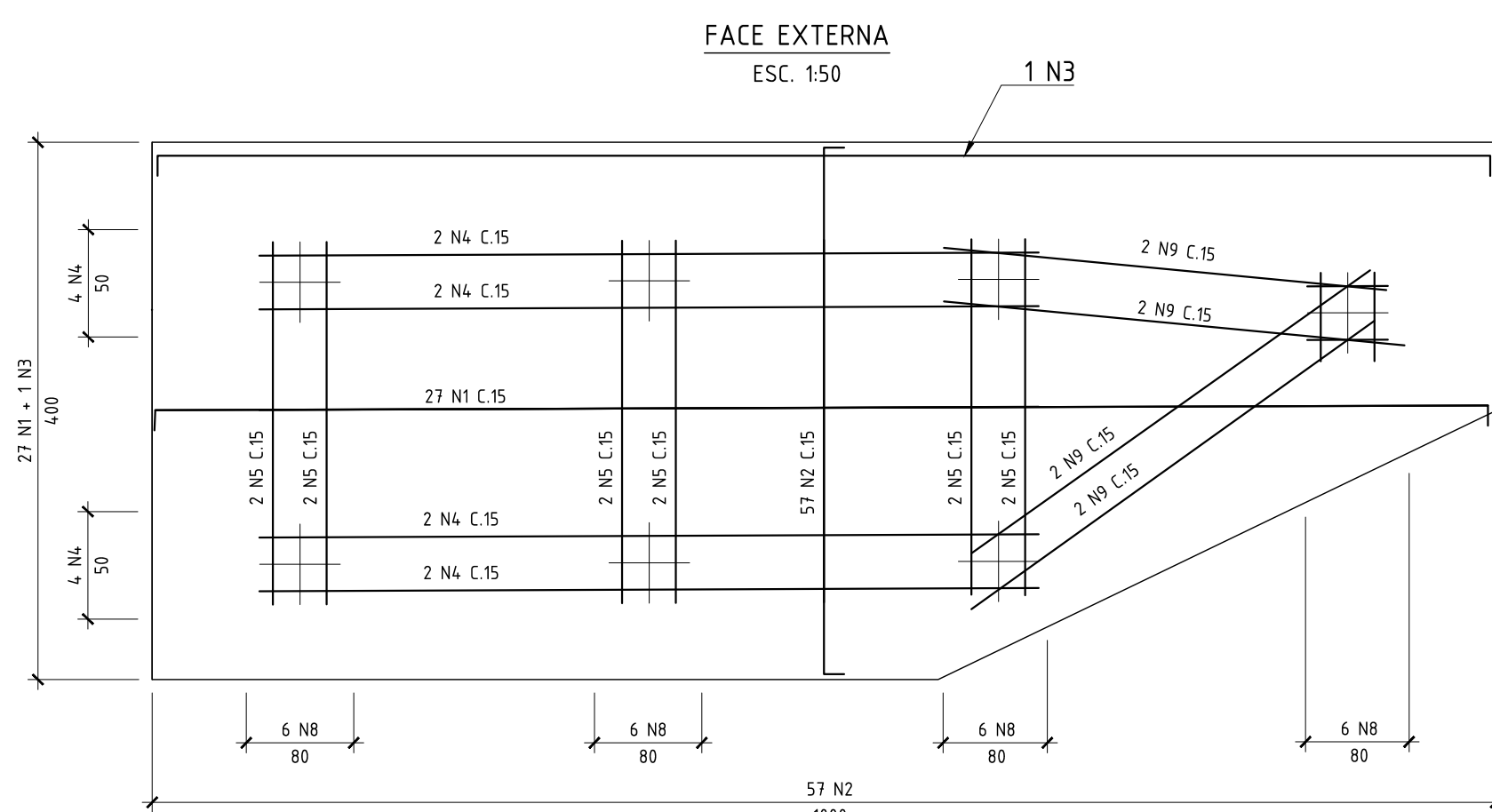
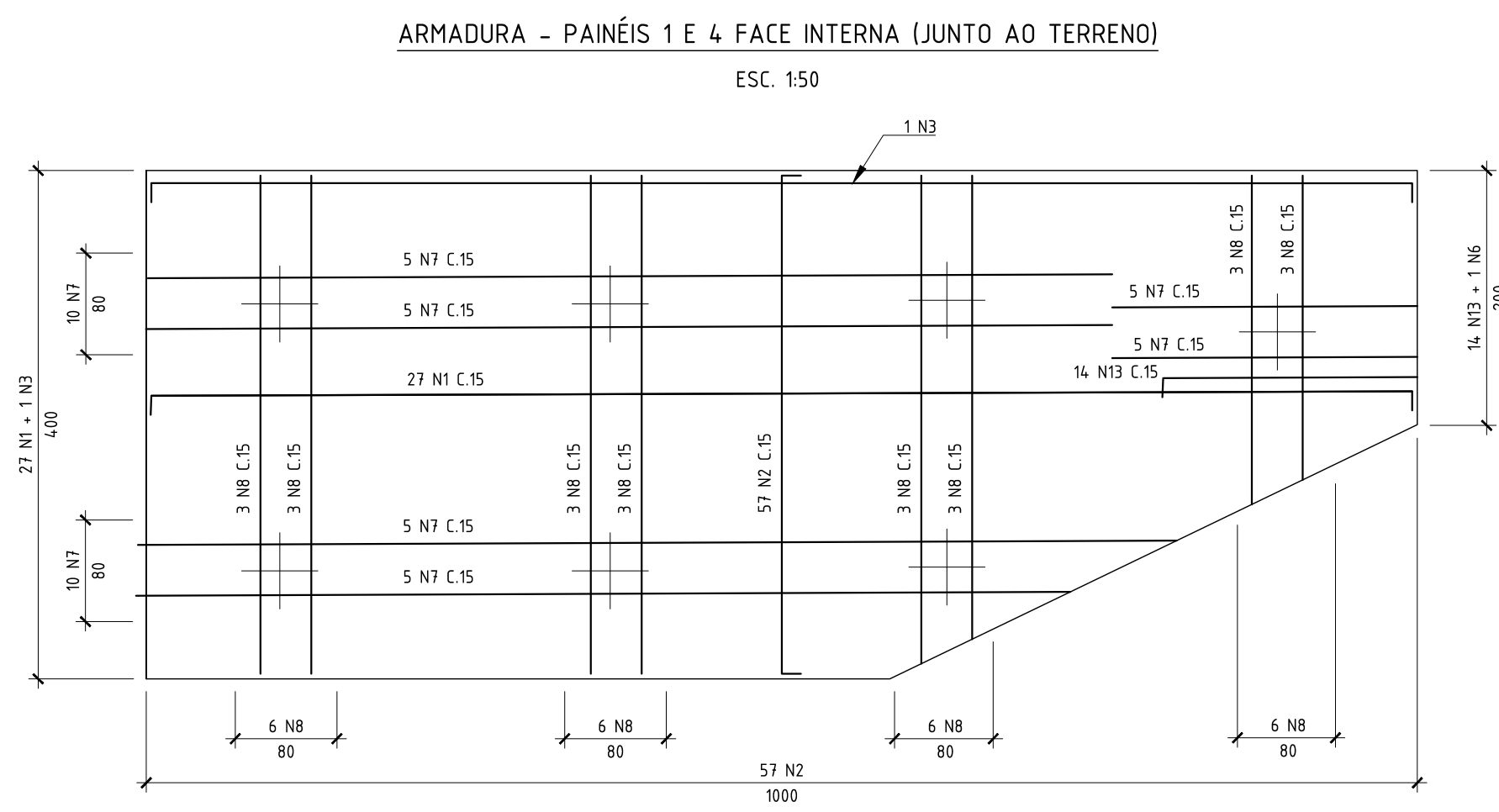


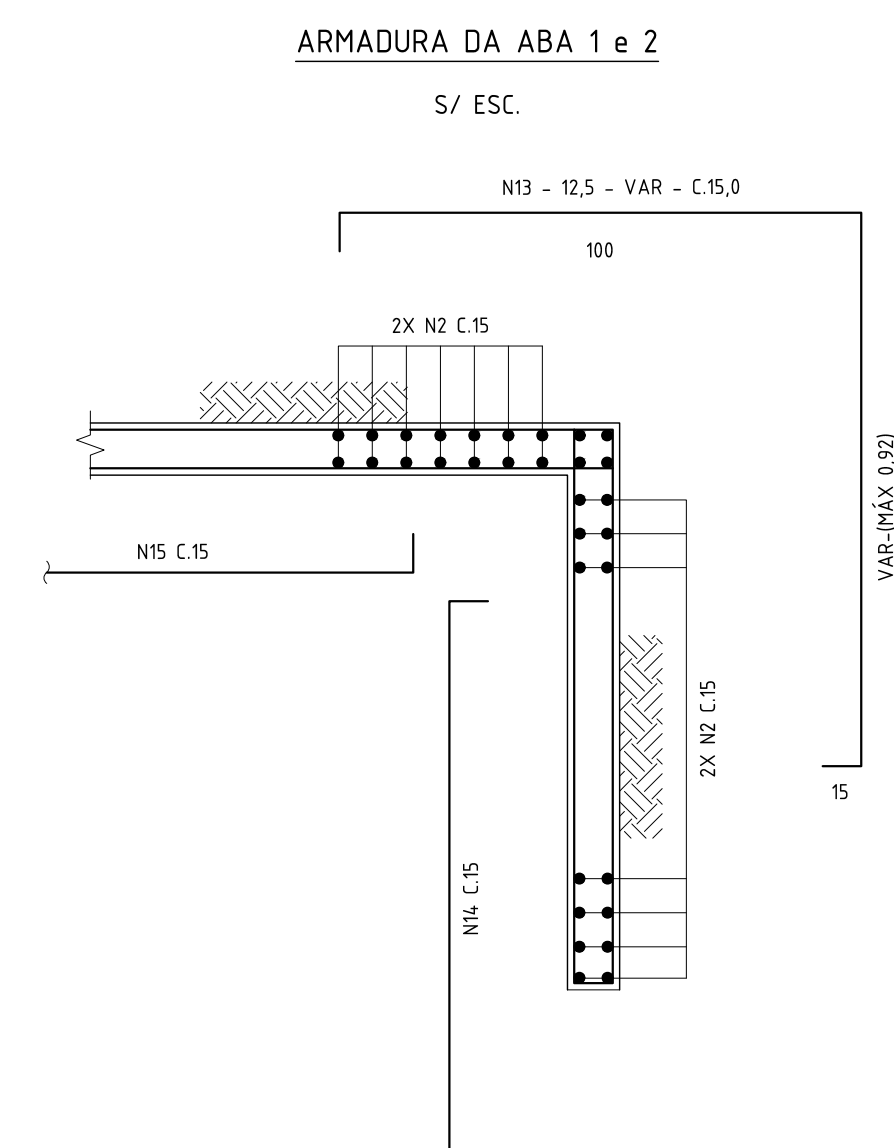
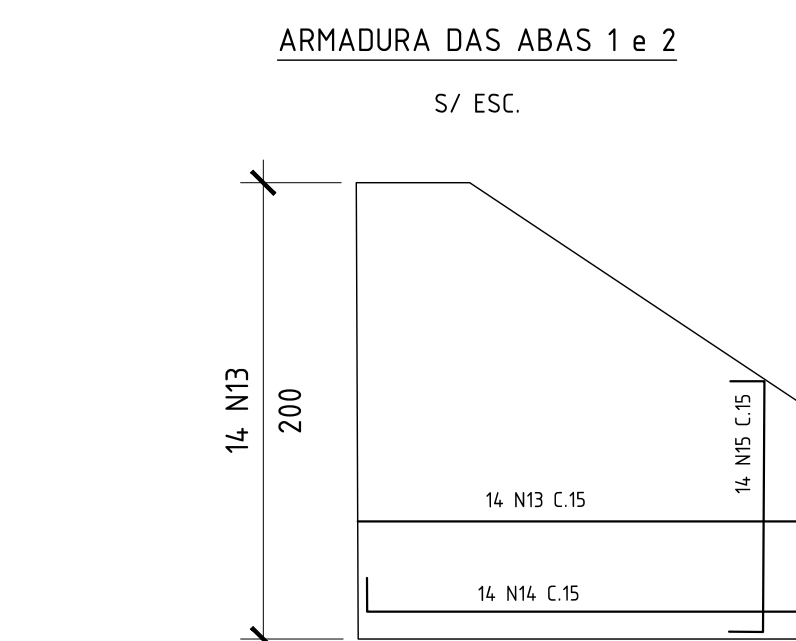
LISTA DE BARRAS					
Rep	N	ø (mm)	Q (un)	COMPRIMENTOS	
				UNIT (cm)	TOTAL (m)
5	1	10,0	108	1022	1103,76
5	2	10,0	272	614	1670,08
5	3	10,0	4	1022	4,08
5	4	12,5	16	840	134,40
5	5	12,5	32	270	86,40
5	7	12,5	24	992	238,08
5	8	12,5	48	VAR.	188,16

RESUMO AÇO CA-50			
Ø (mm)	COMPRIMENTO (m)	MASSA ESPECÍFICA (Kg)	PESO (Kg)
10,0	2814,48	0,617	1736,53
12,5	647,04	0,963	623,10
TOTAL			2359,63



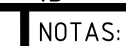
		LISTA DE BARRAS			
Rep	N	Ø (mm)	Q (un)	COMPRIMENTOS	
				UNIT.(cm)	TOTAL (m)
1	1	10,0	108	1022	1103,76
1	2	10,0	272	4,22	114,7,78
1	3	10,0	4	1022	4,088
1	4	12,5	16	580	92,80
1	5	12,5	32	270	81,00
1	7	12,5	30	VAR.	274,18
1	8	12,5	24	VAR.	86,40
	9	12,5	8	VAR.	28,56

RESUMO AÇO CA-50 TOTAL			
Ø (mm)	COMPRIMENTO (m)	MASSA ESPECÍFICA (Kg)	PESO (Kg)
10,0	2292,42	0,617	1414,42
12,5	562,94	0,963	542,11
TOTAL			1956,53

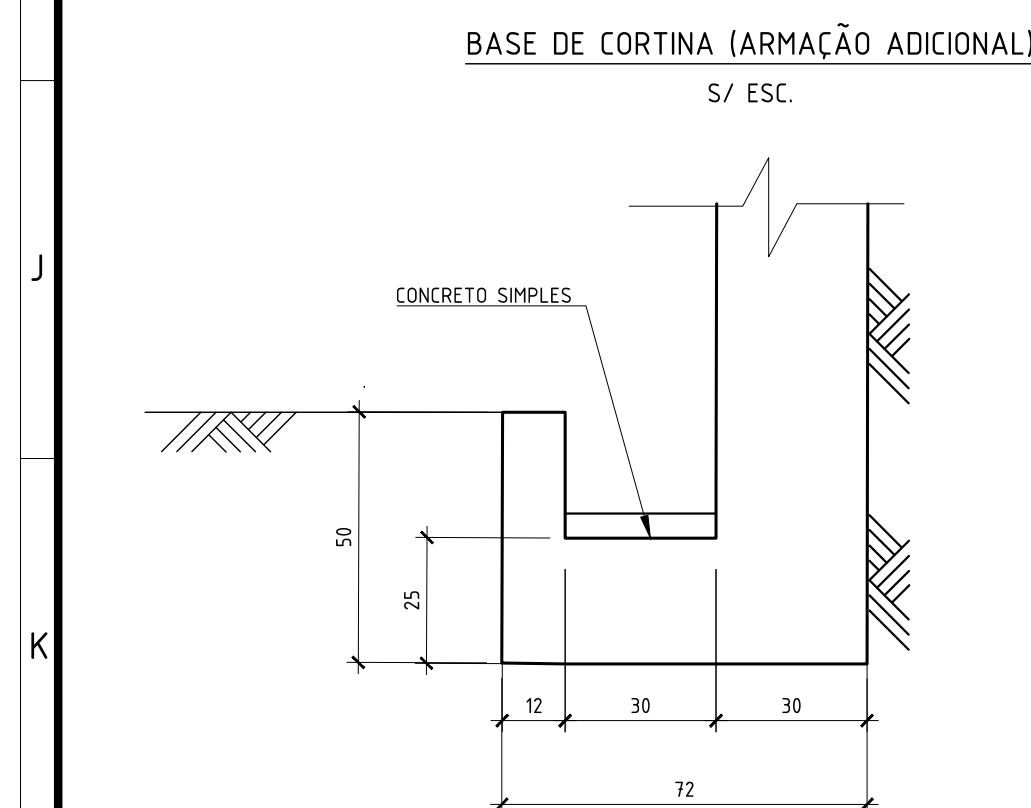


		LISTA DE BARRAS			
Rep	N	Ø (mm)	Q (un)	COMPRIMENTOS	
				UNIT.(cm)	TOTAL (m)
1	13	12,5	14	207	28,98
1	14	10,0	28	172	4,816
1	15	10,0	11	122	13,42

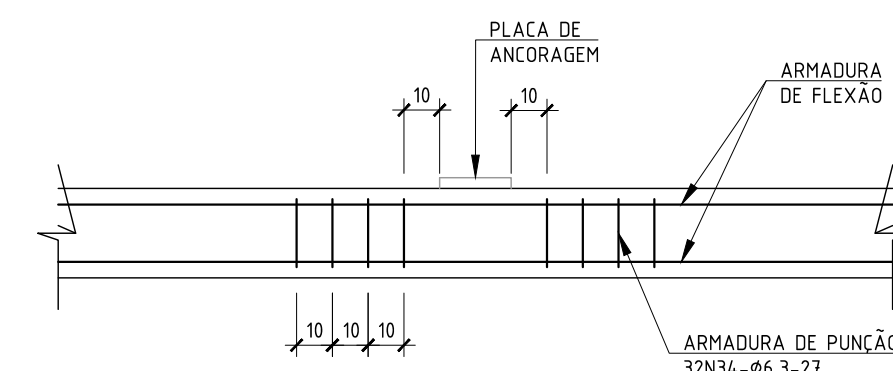
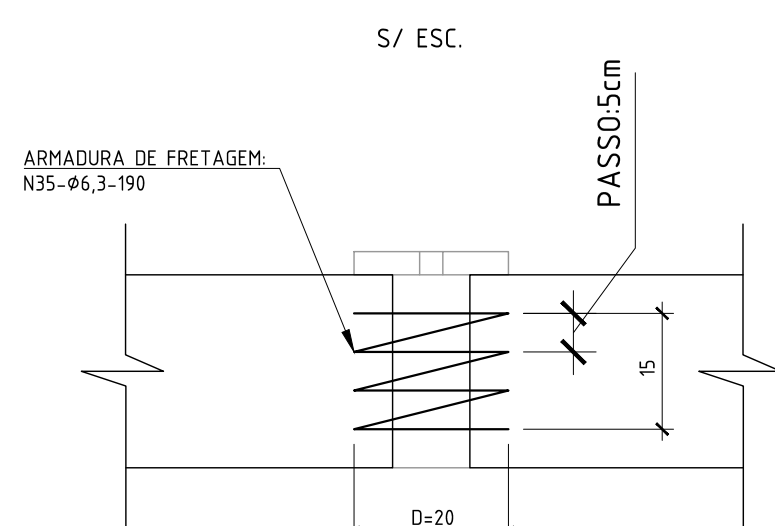
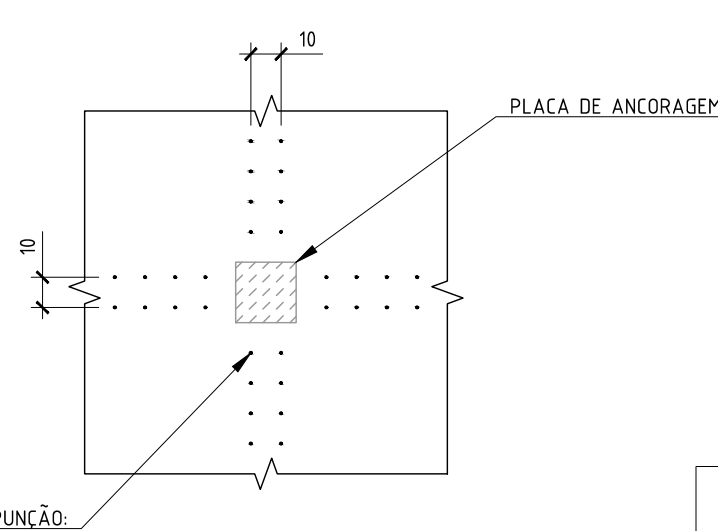
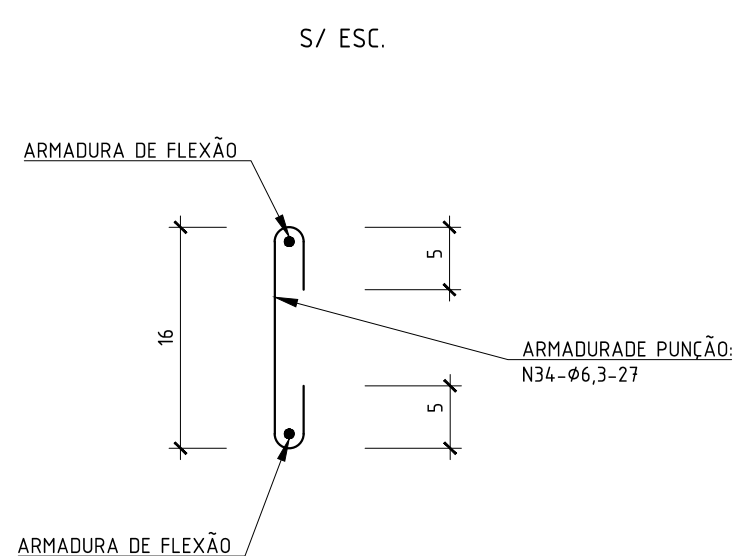
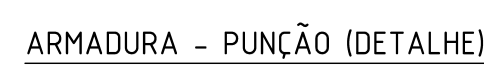
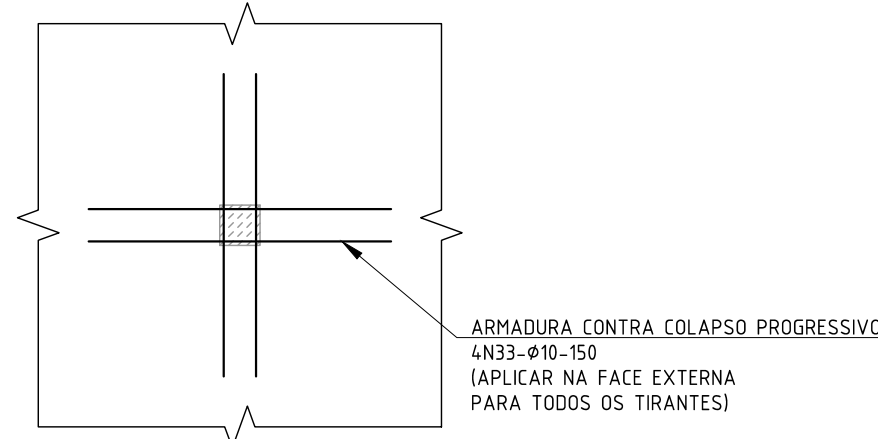
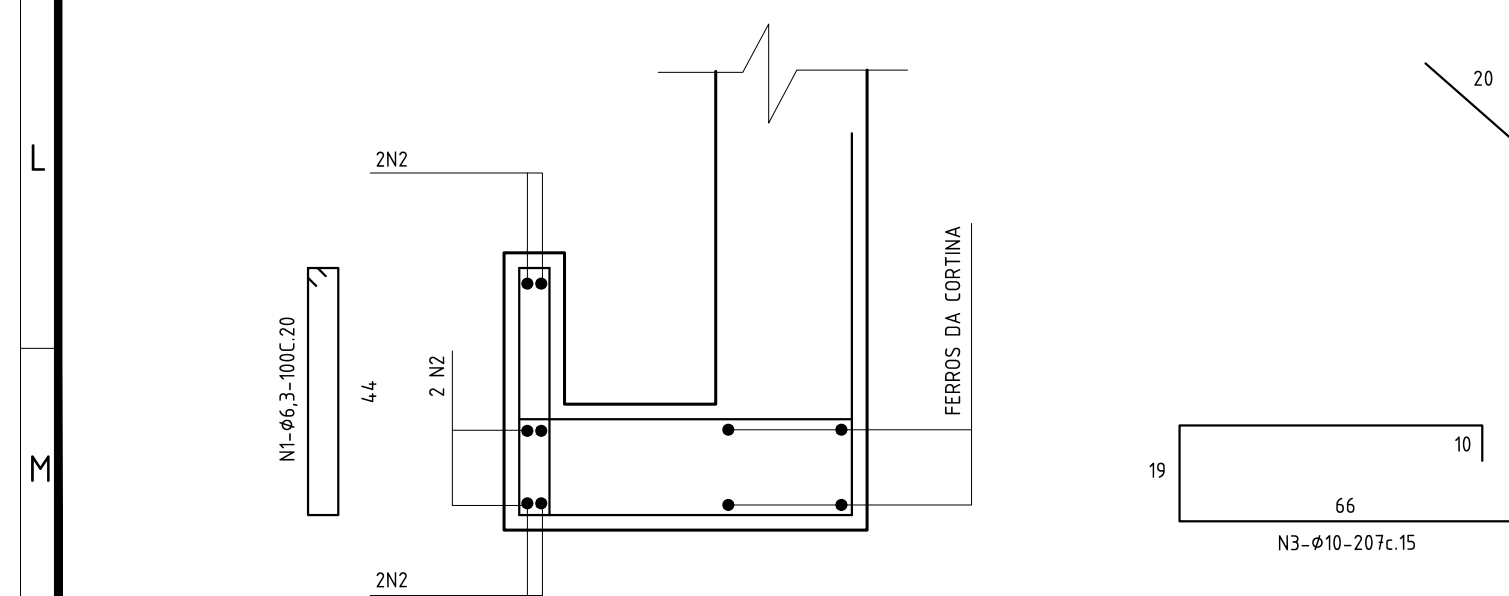
RESUMO AÇO CA-50 ABAS 1 E 2			
Ø (mm)	COMPRIMENTO (m)	MASSA ESPECÍFICA (Kg)	PESO (Kg)
10,0	123,16	0,617	76,00
12,5	57,84	0,963	55,70
TOTAL			131,70




1. COTAS E DIMENSÕES EM CENTÍMETRO OU CONFORME INDICADO.

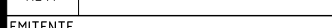
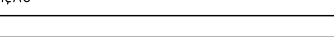


LISTA DE BARRAS POR METRO						
N	Ø (mm)	Q (un)	COMPRIMENTO		MASSA ESPECÍFICA (Kg)	PESO(kg)
			UNIT.(cm)	TOTAL (m)		
1	6,3	5	100	6,30	0,245	1,54
2	6,3	6	corr.	8,00	0,245	1,96
3	10,0	6,67	275	18,34	0,617	11,32
					TOTAL	14,82



LISTA DE FERROS NA REGIÃO DOS TIRANTES (POR TIRANTE)					
N	φ (mm)	Q (un)	COMPRIMENTO		CARACTERÍSTICA
			UNIT. (cm)	TOTAL (m)	
33	10,0	4	150	6,00	150
34	6,3	32	27	8,64	
35	6,3	1	190	1,90	VER DETALHE DE ARMADURA DE FRETAGEM
TOTAL / TIRANTE - φ6,3mm				10,54	-
TOTAL / TIRANTE - φ10mm				6,00	-

LISTA DE BARRAS PARA 30 TIRANTES						
N	Ø (mm)	Q (un)	COMPIMENTO		MASSA ESPECÍFICA (Kg)	PESO(kg)
			UNIT.(cm)	TOTAL (m)		
1	6,3	30	10,54	316,20	0,245	77,50
2	10,0	30	6,00	180,00	0,617	111,10
					TOTAL	188,57

1	BASE DA CORTINA, LISTAS DE ARMADÕES E INCLUSÃO DA LISTA PARA 30 TIRANTES	31/10/2023	ELA	MAOR
0	EMISSÃO INICIAL	31/07/2023	ELA	MAOR
REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.
 CONTRATO Nº 006/2022		 MANUELA DA SILVA MACHADO FILHO - CREA/RJ 84.05086-4		
EXEC.	ELA	31 / 07 / 23		
DES.	ASV	31 / 07 / 23		
VER.	MAOR	31 / 07 / 23		



SECRETARIA MUNICIPAL DE INFRAESTRUTURA

PROJETO EXECUTIVO DE ESTABILIZAÇÃO DE ENCOSTA
A MONTANTE DA RUA DOS SURFISTAS NO BAIRRO PORTA DA ROÇA
DETALHAMENTO DA ARMADURA

LOCAL	RUA 8 BAIRRO PORTO DA ROÇA			ARQ. ELETRÔNICO	SQ1414-2-CTN-DES.005
Nº	-	ESCALA INDICADA	DATA JULHO/2023	PRANCHA	001/001