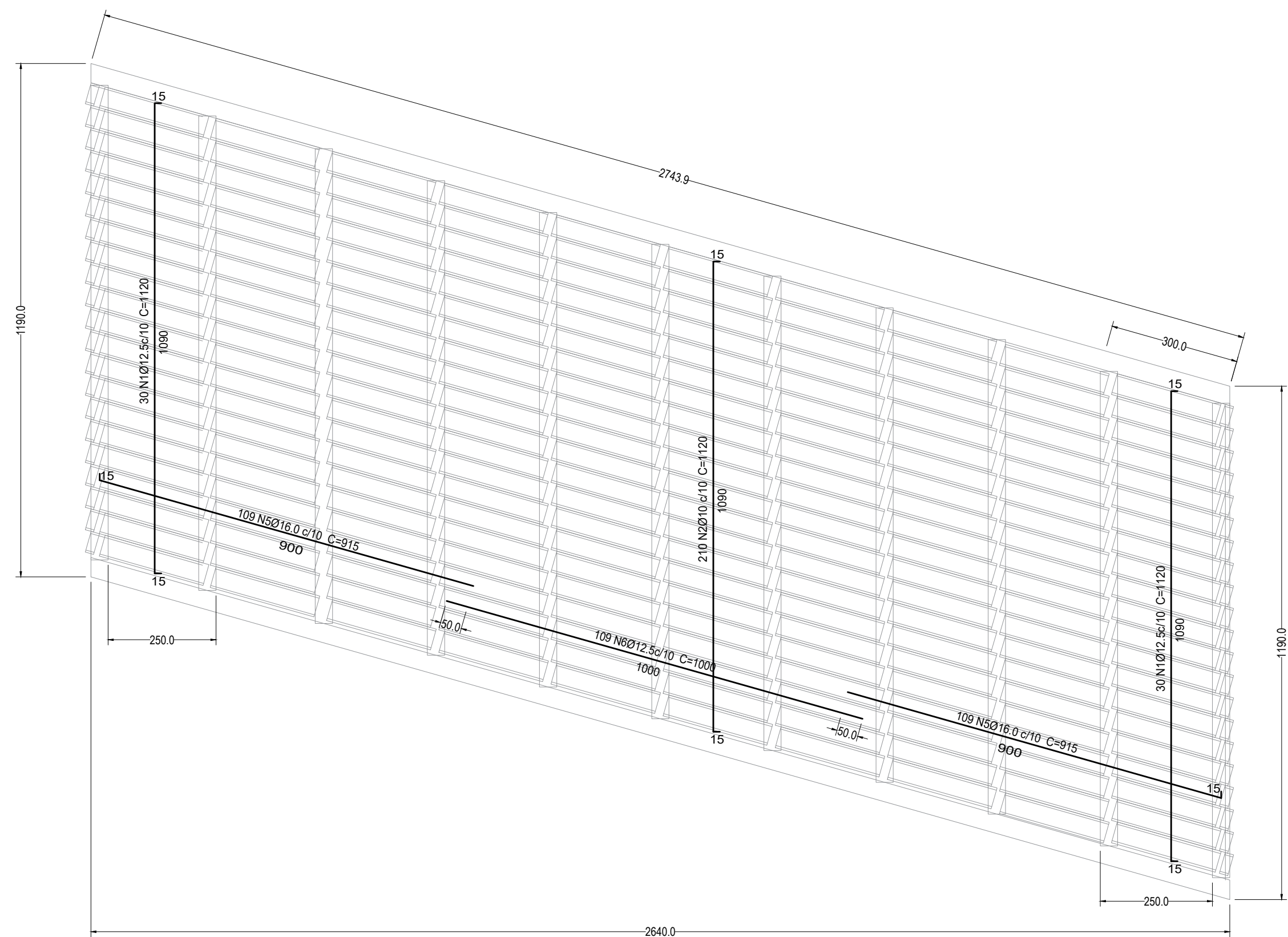


LAJES DO TABULEIRO
ARMADURA INFERIOR
ESC.: 100

Obs.: As lajes serão construídas sobre pré-laje, perfazendo a altura final de 30cm

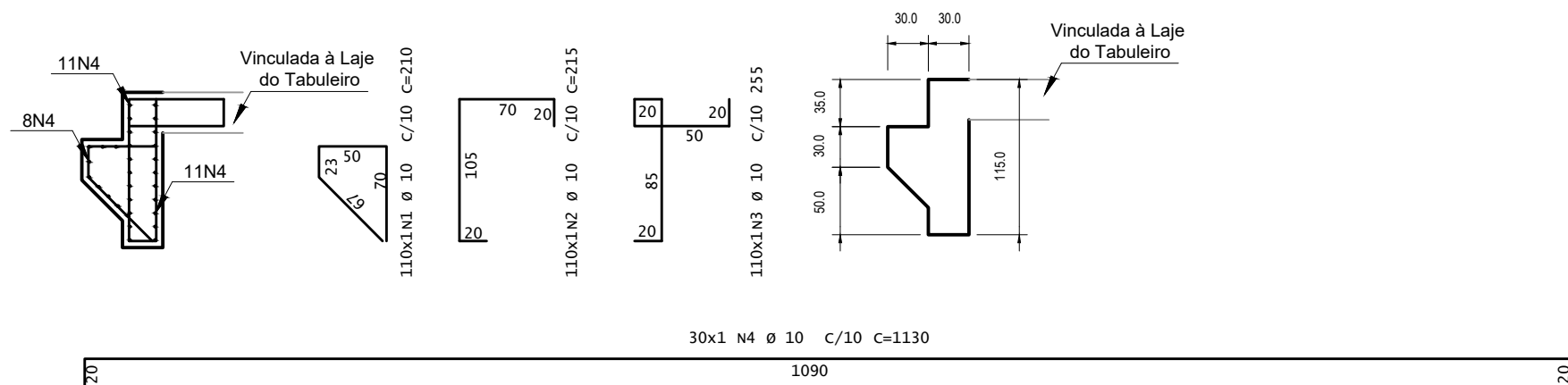


LAJES DO TABULEIRO
ARMADURA SUPERIOR
ESC.: 1:100

Obs.: As lajes serão construídas sobre pré-laje
perfazendo a altura final de 30cm

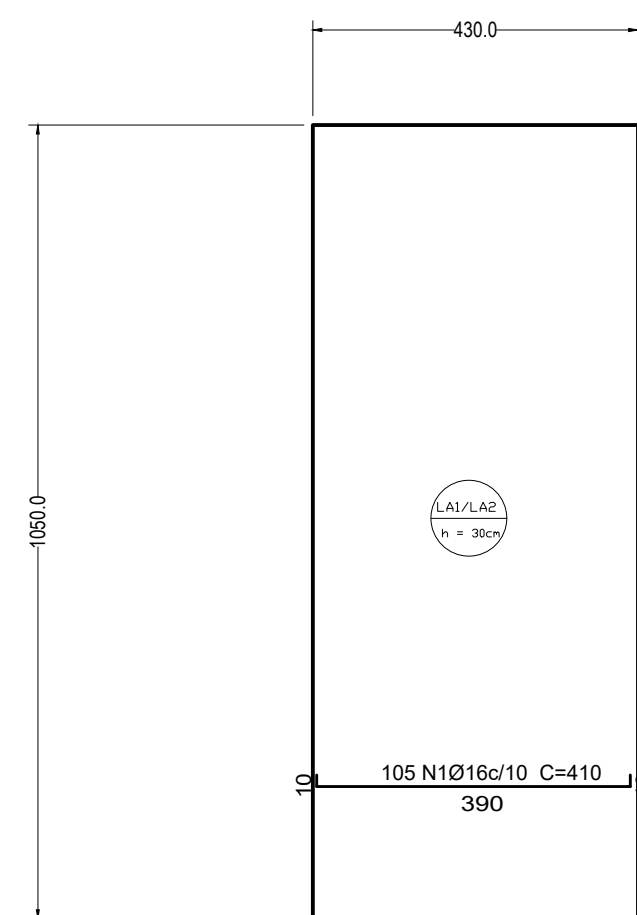
LAJES	Pos.	Diâm. (mm)	Peso (kgf/m)	Quant.	Dobra (cm)	Reta (cm)	Dobra (cm)	Comp. (cm)	Total (cm)	CA-50 (kgf)	CA-60 (kgf)
VÃO 01	1	12.5	0.963	120	15	1090	15	1120	134400	1294.3	
	2	10.0	0.617	420	15	1090	15	1120	470400	2902.4	
	3	12.5	0.963	218	15	900	0	915	199470	1920.9	
	4	10.0	0.617	109	0	1000	0	1000	109000	672.5	
	5	16.0	1.578	218	15	900	0	915	199470	3148.2	
	6	12.5	0.963	109	0	1000	0	1000	109000	1049.7	
									Total (kgf)	10988.0	
									Total + 10% (kgf)	12086.8	
Resumo Aço											
							Diâmet.	C. total (m)	Peso (kgf)	Peso +10% (Kg)	
							10.0 mm	5794.00	3574.9	3932.4	
							12.5mm	4428.70	4264.8	4691.3	
							16.0 mm	1994.70	3148.2	3463.1	
							Total		10988.0	12086.8	

Volume Laje do Vão 01 = 87,0 m³

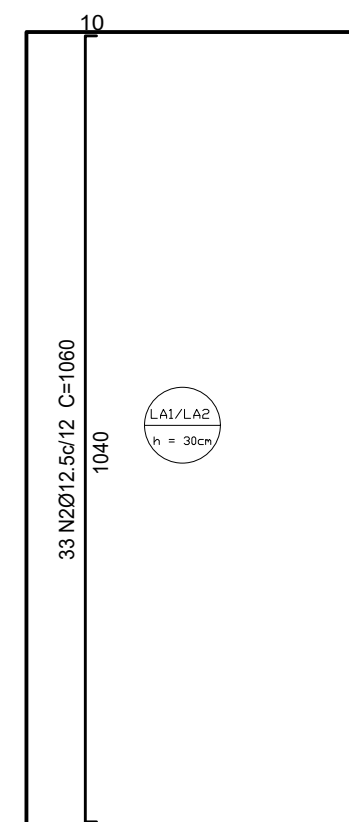
Taxa de Aço da Laje = 137 kg/m³

FORMA E ARMADURA - ENCONTRO
ESC.: 1:50

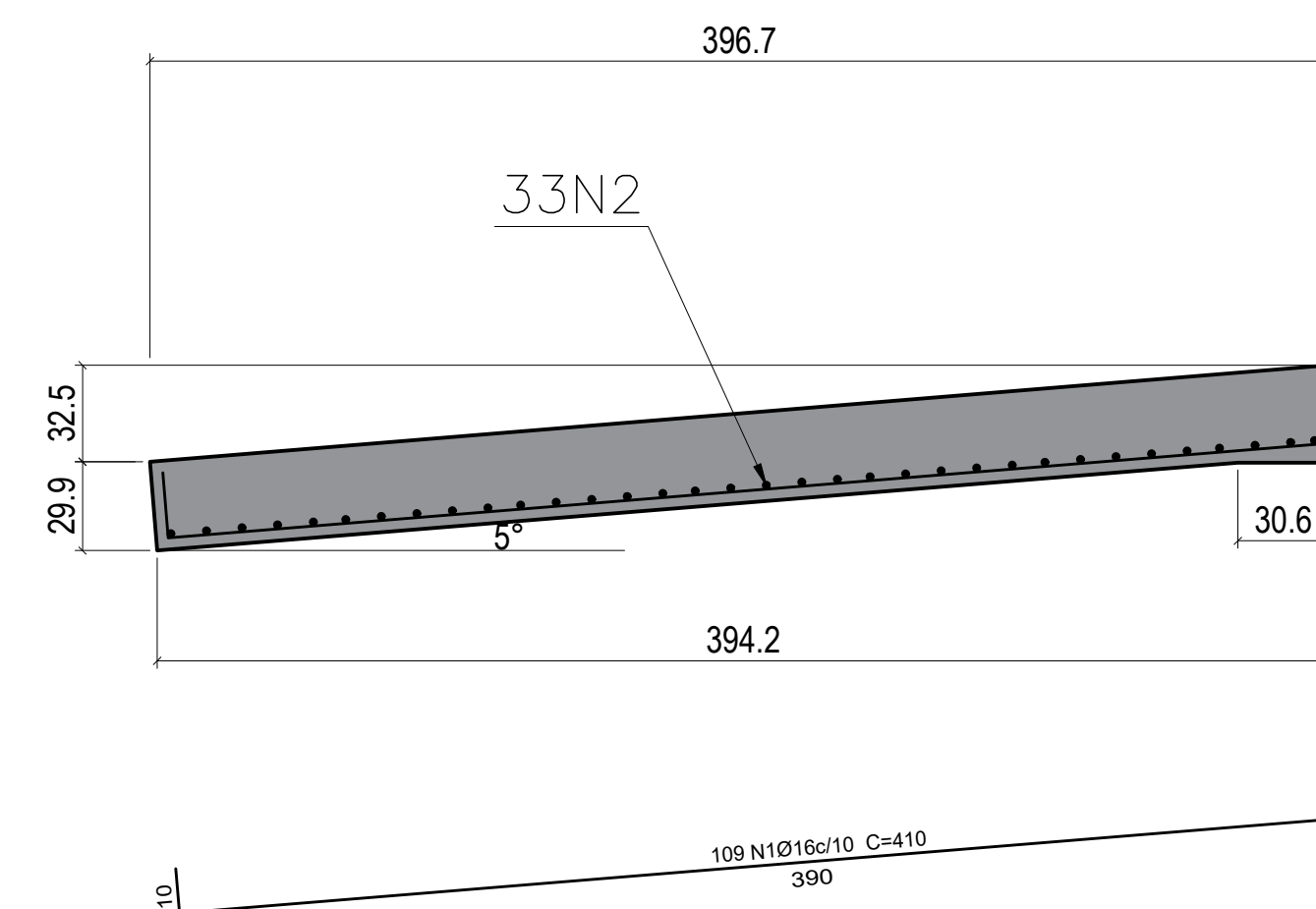
TABELA DE AÇO								
Elemento	Pos.	Diâm. (mm)	Peso (kgf/m)	Quant.	Comp. (cm)	Total (cm)	CA-50 (kgf)	CA-60 (kgf)
ENCONTRO	1	10.0	0.617	110	210	23100	142.5	
	2	10.0	0.617	110	215	23650	145.9	
	3	10.0	0.617	110	255	28050	173.1	
	4	10.0	0.617	30	1130	33900	209.2	
	Total (kgf)						670.7	
	Total + 10% (kgf)						737.7	
	Total + 10% (kgf)(X2)						1475.5	
Resumo Aço								
		Diâmet. (m)	C.total (kgf)	Peso (kgf)	Peso +10% (kgf)			
		10.0mm	2174.0	1341.4	1475.5			
		Total		1341.4	1475.5			



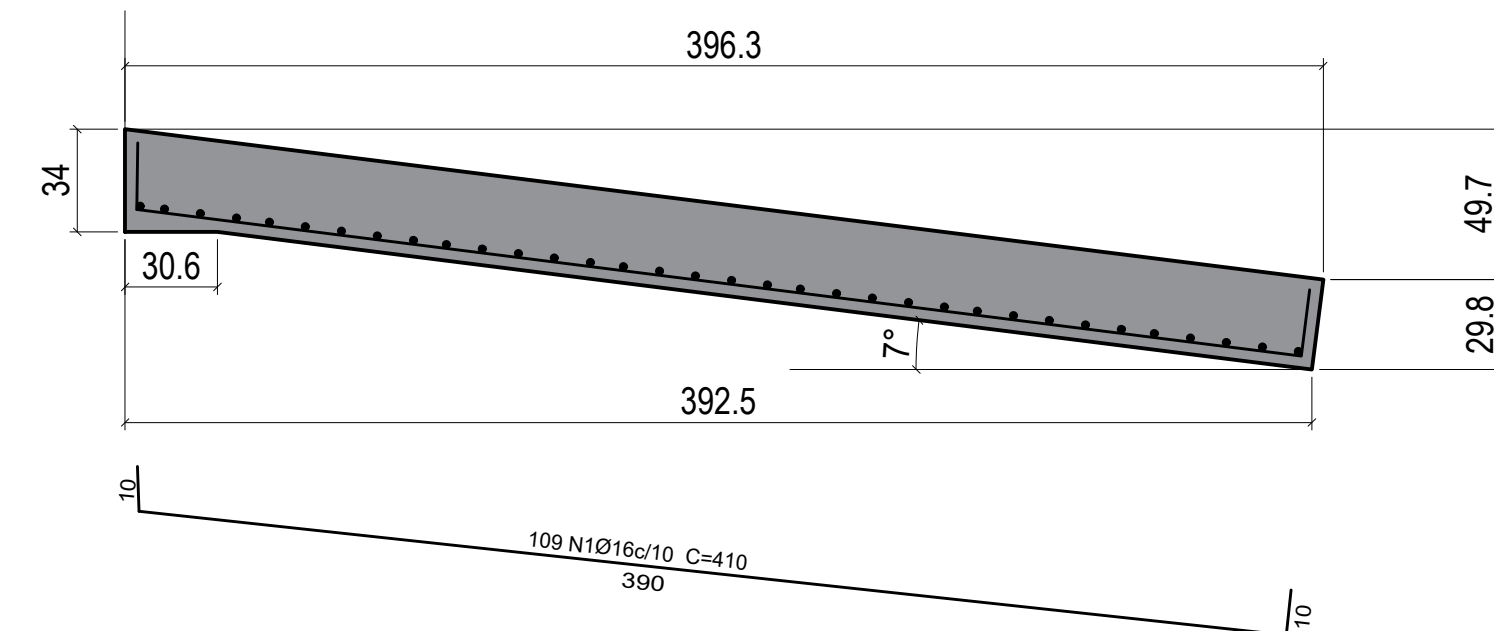
LAJES DE APROXIMAÇÃO
ARMADURA INFERIOR LONGITUDINAL
ESC.: 1:100



LAJES DE APROXIMAÇÃO
ARMADURA INFERIOR TRANSVERSAL
ESC.: 1:100

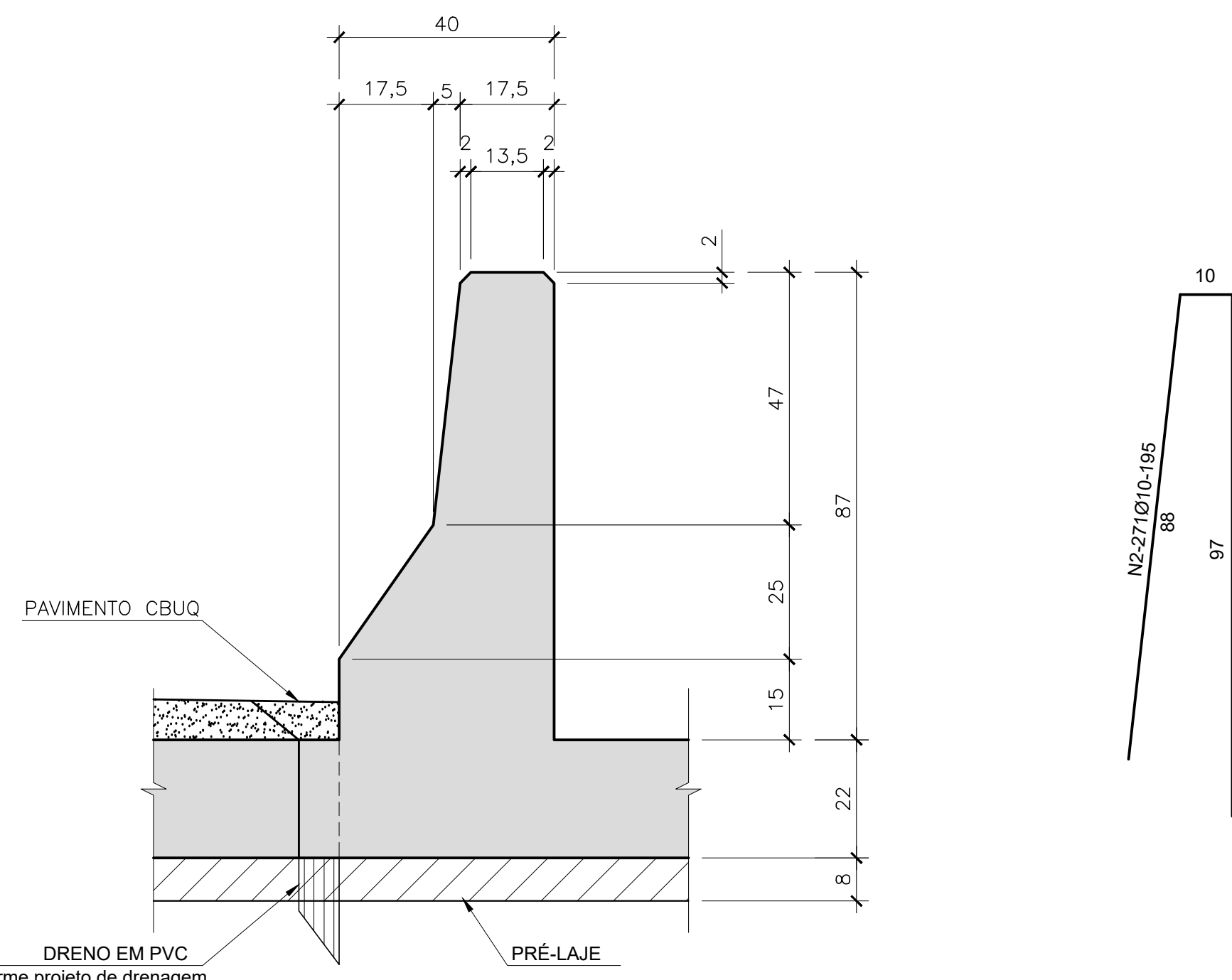


LAJES DE APROXIMAÇÃO ESQUERDA
VISTA LATERAL
ESC.: 1:25

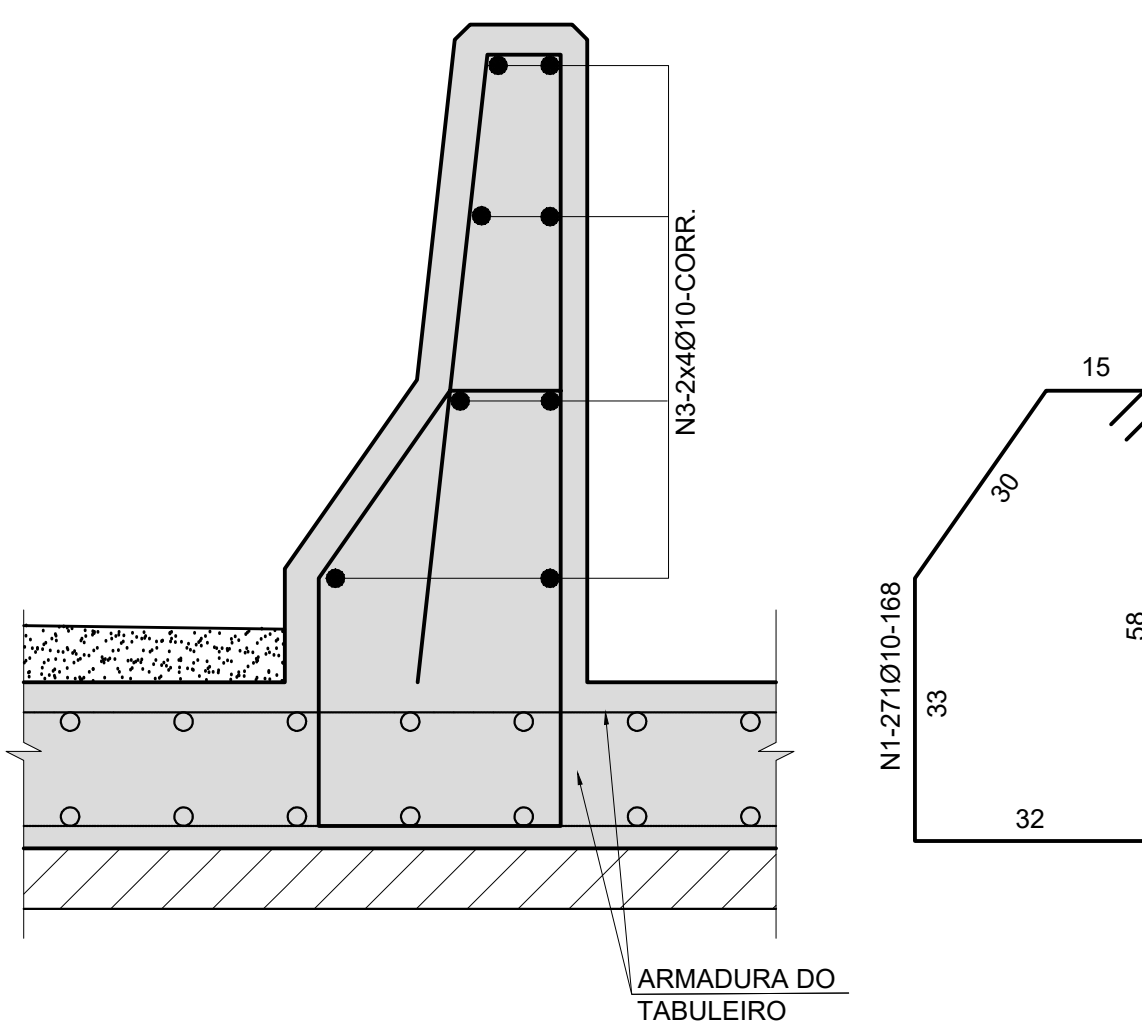


LAJES DE APROXIMAÇÃO DIRETA
VISTA LATERAL

TABELA DE REAÇÃO											
LAJES	Pos.	Diâm. (mm)	Peso (kg/m)	Ques.	Dobra (cm)	Rea (cm)	Dobra (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
LAJE DE APROXIMAÇÃO	1	16.0	1.578	105	10	390	0	400	42000	662.9	
	2	12.500	0.963	33	10	1040	10	1060	34980	536.9	
								Total (X2) (kg)	999.7		
								Total +10% (kg)	1999.5		
Resumo Aço											
						Diâm.	C. total (kg)	Peso (+10% (Kg))			
						12.5mm	940.0	1325.9	1458.3		
						16.0 mm	699.6	673.7	741.1		
						Total	1999.5	2199.4			
						Volume Laje do Vão LA1 =12.0m³					
						Volume Total de Concreto C40 = 22.2m³					
						Taxa de Aço da Laje = 80 kg/m³					

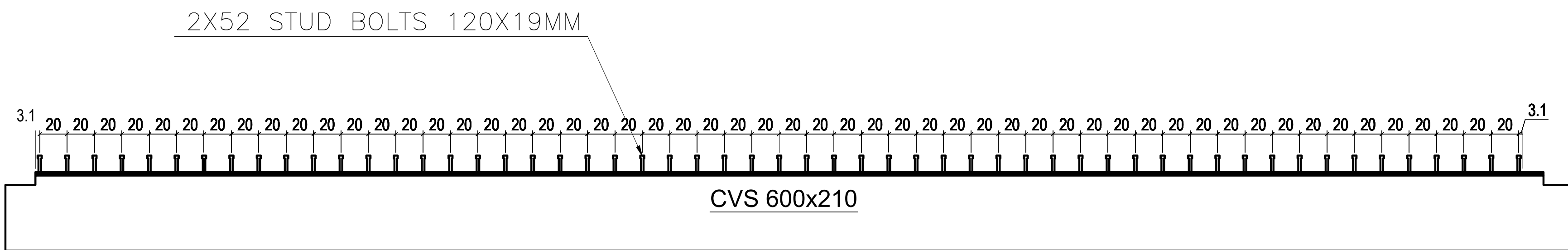


DETALHE DAS BARREIRAS
TIPO NEW JERSEY
ESC.1:10

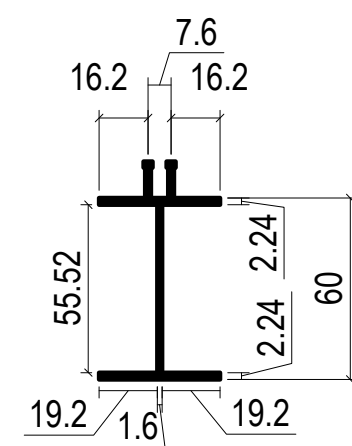


ARMADURA DAS BARREIRAS (2x)

TABELA DE AÇO								
Elemento	Pos.	Diâm. (mm)	Peso (kgf/m)	Quant.	Comp. (cm)	Total (cm)	CA-50 (kgf)	CA-60 (kgf)
BARREIRAS	1	10.0	0.617	271	168	45528	280.9	
	2	10.0	0.617	271	195	52845	326.1	
	3	10.0	0.617	8	5430	43440	268.0	
	Total (kgf)						875.0	
	Total + 10% (kgf)						962.5	
	Total + 10% (kgf) (X2)						1925.0	
Resumo Aço								
					Diâmet.	C.total (m)	Peso (Kgf)	Peso +10% (Kgf)
					10.0 mm	2836.3	1750.0	1925.0
					Total		1750.0	1925.0



DISTRIBUIÇÃO DOS STUD BOLTS VIGAS DE APOIO



R-1	12/09/2024	REVISÃO GERAL
R-0	30/08/2024	EMIÇÃO INICIAL
Emissão	Data	Descrição