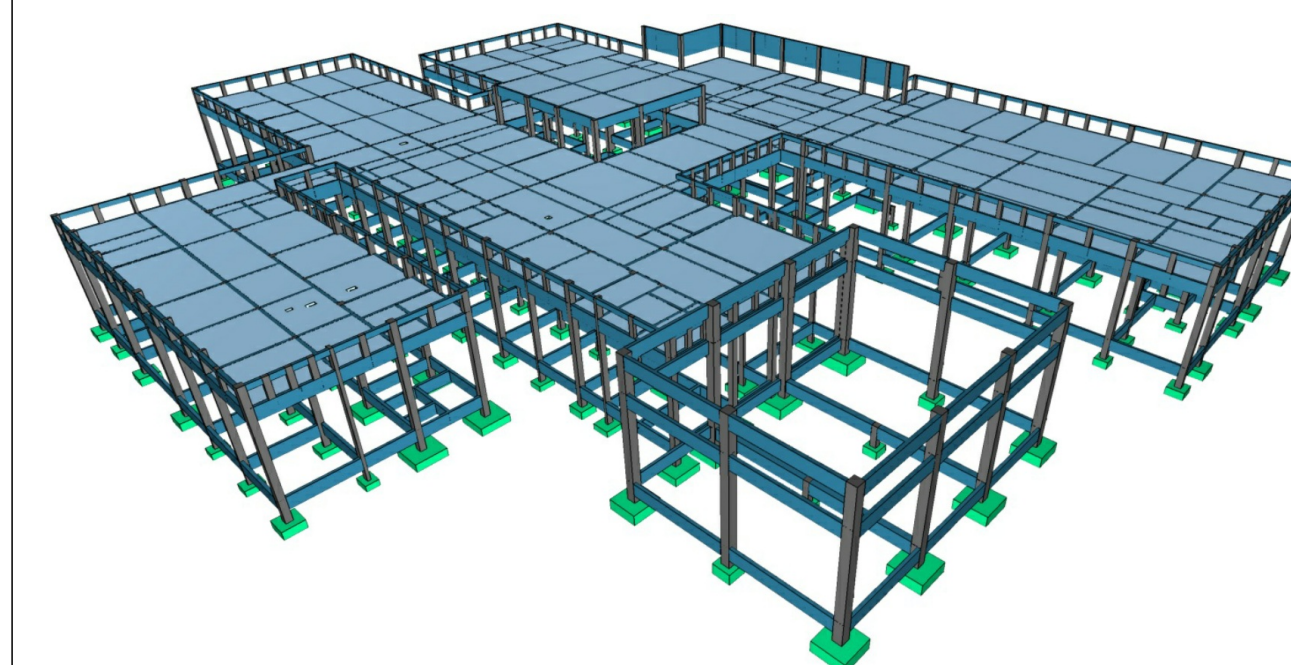




AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CABO	TR 12645 5.0	147.2 961.2	144.1 163
PESO TOTAL (kg)			
CABO	307.1		

Volume de concreto (C-35) = 5.87 m³



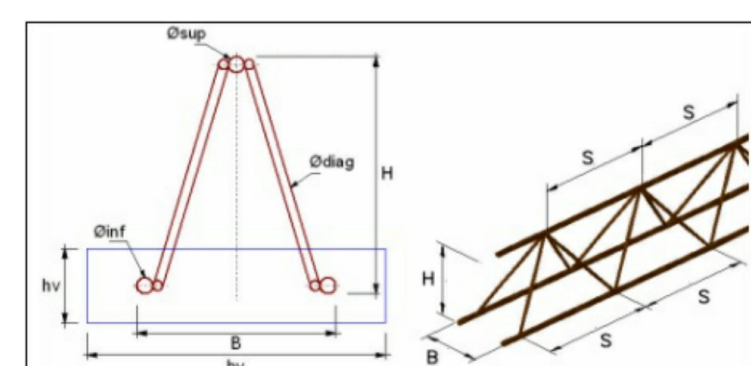
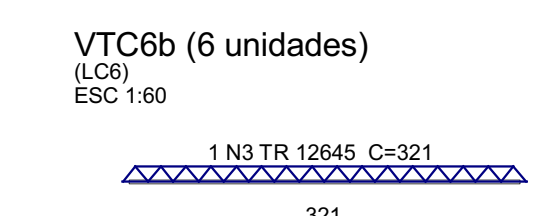
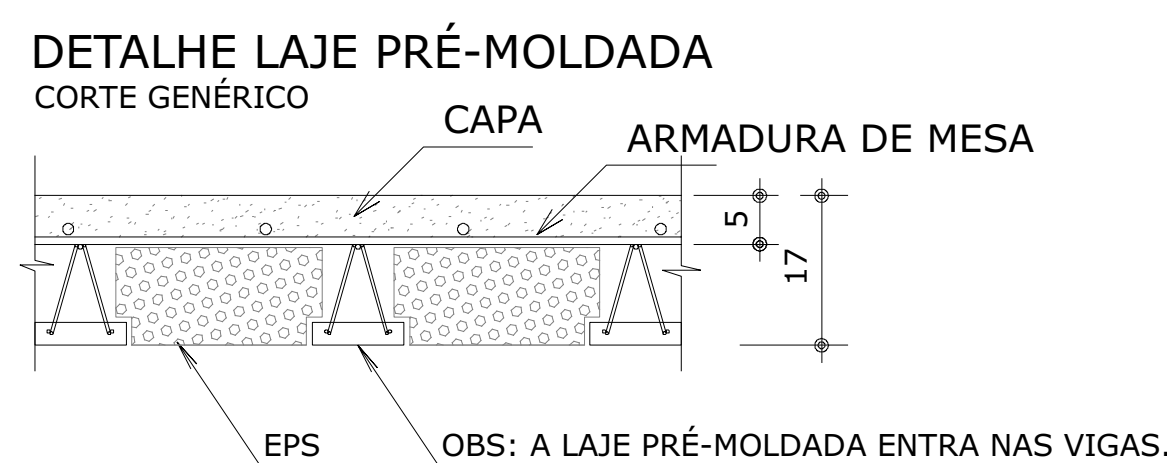
ORIENTAÇÕES COMPLEMENTARES:

1. CONCRETOS TÃO COMO 150 (C150) MÍNIMO. FATOR AJUSTAMENTO MÍNIMO = 0,00. LIGAMENTO MÍNIMO DE CIMENTO = 500KG/M³. CIMENTO PORTLAND 4250. CIMENTO PORTLAND 4000. CIMENTO PORTLAND 3500. CIMENTO PORTLAND 3250. CIMENTO PORTLAND 3000. CIMENTO PORTLAND 2500. CIMENTO PORTLAND 2000. CIMENTO PORTLAND 1500. CIMENTO PORTLAND 1000. CIMENTO PORTLAND 500. CIMENTO PORTLAND 250. CIMENTO PORTLAND 125. CIMENTO PORTLAND 62,5. CIMENTO PORTLAND 31,25. CIMENTO PORTLAND 15,625. CIMENTO PORTLAND 7,8125. CIMENTO PORTLAND 3,90625. CIMENTO PORTLAND 1,953125. CIMENTO PORTLAND 0,9765625. CIMENTO PORTLAND 0,48828125. CIMENTO PORTLAND 0,244140625. CIMENTO PORTLAND 0,1220703125. CIMENTO PORTLAND 0,06103515625. CIMENTO PORTLAND 0,030517578125. CIMENTO PORTLAND 0,0152587890625. CIMENTO PORTLAND 0,00762939453125. CIMENTO PORTLAND 0,003814697265625. CIMENTO PORTLAND 0,0019073486328125. CIMENTO PORTLAND 0,00095367431640625. CIMENTO PORTLAND 0,000476837158203125. CIMENTO PORTLAND 0,0002384185791015625. CIMENTO PORTLAND 0,00011920928955078125. CIMENTO PORTLAND 0,000059604644775390625. CIMENTO PORTLAND 0,0000298023223876953125. CIMENTO PORTLAND 0,00001490116119384765625. CIMENTO PORTLAND 0,000007450580596923828125. CIMENTO PORTLAND 0,0000037252902984619140625. CIMENTO PORTLAND 0,00000186264514923095703125. CIMENTO PORTLAND 0,000000931322574615478515625. CIMENTO PORTLAND 0,0000004656612873077392578125. CIMENTO PORTLAND 0,00000023283064365386962890625. CIMENTO PORTLAND 0,000000116415321826934814453125. CIMENTO PORTLAND 0,0000000582076609134674072265625. CIMENTO PORTLAND 0,00000002910383045673370361328125. CIMENTO PORTLAND 0,000000014551915228366851806640625. CIMENTO PORTLAND 0,0000000072759576141834259033203125. CIMENTO PORTLAND 0,00000000363797880709171295166015625. CIMENTO PORTLAND 0,000000001818989403545856475830078125. CIMENTO PORTLAND 0,0000000009094947017729282379150390625. CIMENTO PORTLAND 0,00000000045474735088646191895751953125. CIMENTO PORTLAND 0,000000000227373675443230959478759765625. CIMENTO PORTLAND 0,0000000001136868377216154797393798828125. CIMENTO PORTLAND 0,00000000005684341886080773986968994140625. CIMENTO PORTLAND 0,000000000028421709430403869934844970703125. CIMENTO PORTLAND 0,0000000000142108547152019349674224853515625. CIMENTO PORTLAND 0,0000000000071054273576009674837112426778125. CIMENTO PORTLAND 0,00000000000355271367880048374185562133890625. CIMENTO PORTLAND 0,000000000001776356839400241870927810669453125. CIMENTO PORTLAND 0,0000000000008881784197001209354639053347265625. CIMENTO PORTLAND 0,00000000000044408920985006046773195266736328125. CIMENTO PORTLAND 0,000000000000222044604925030233865976333681640625. CIMENTO PORTLAND 0,0000000000001110223024625151169329881668408203125. CIMENTO PORTLAND 0,00000000000005551115123125755846649408342040625. CIMENTO PORTLAND 0,0000000000000277555756156287792332470416710203125. CIMENTO PORTLAND 0,00000000000001387778780781438961662352083551015625. 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COBRIMENTOS :		
ELEMENTO	SEM CONTATO COM O SOLO	EM CONTATO COM O SOLO
VIGAS	2,5 CM	2,5 CM
LAMELASCADAS	2,0 CM	2,5 CM
PILARES	2,8 CM	4,0 CM
SARLATAS	-	4,0 CM
BLOCOS	-	4,0 CM
TUBULOS	-	-
RESERVATÓRIOS PISCINAS	3,0 CM	3,0 CM

DESFORMA:

1. FACES LATERAIS: 3 DIAS APÓS A CONCRETAGEM.
2. FACES INFERIORES, DEIXANDO PONTALETES DE ESCORAMENTO: 14 DIAS APÓS A CONCRETAGEM.
3. FACES INFERIORES SEM PONTALETES DE ESCORAMENTO: 28 DIAS APÓS A CONCRETAGEM.
4. NOS BALANÇOS, A RETIRADA DAS ESCORAS DEVERÁ SER REALIZADA DA PONTA PARA O APOIO.
5. É DE RESPONSABILIDADE DA CONSTRUTORA O PROJETO DE ESCORAMENTO E CIMBRAMENTO.



Laje	lv (cm)	lv (cm)	Treliza	Altura (cm)	Base (cm)	Armaduras treliza (mm)			S (cm)
						o/p	odlag	oiaf	
LC1	13	3	TR 12645	12	8	6,0	4,2	5,0	20
LC2	13	3	TR 12645	12	8	6,0	4,2	5,0	20
LC3	13	3	TR 12645	12	8	6,0	4,2	5,0	20
LC4	13	3	TR 12645	12	8	6,0	4,2	5,0	20
LC5	13	3	TR 12645	12	8	6,0	4,2	5,0	20
LC6	13	3	TR 12645	12	8	6,0	4,2	5,0	20