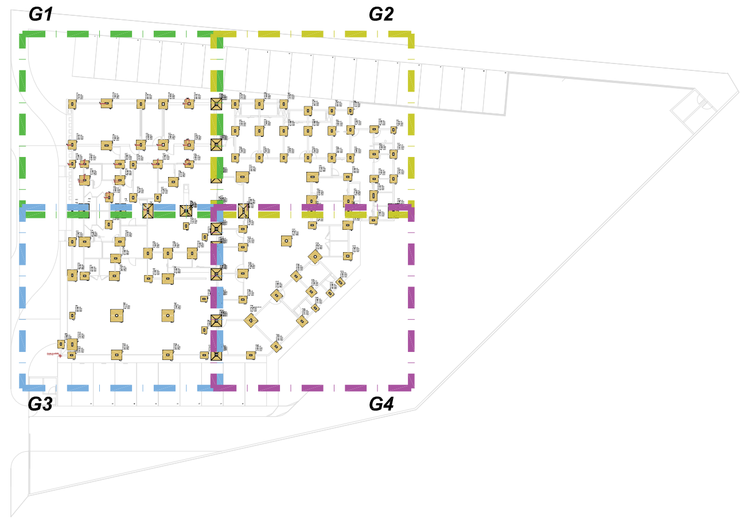
Planta de vigotas pré-moldadas

escala 1:50

RELAÇÃO DO AÇO

Volume de concreto (C-30) = 0.00 m³
Área de forma = 0.00 m²



Planta de locação Geral

LEGENDAS:

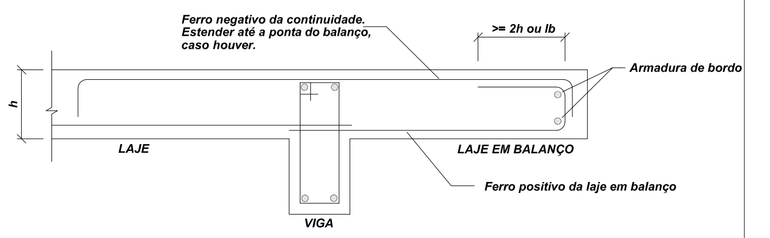
Legenda das barras
Barra que nasce
Barra que passa
Barra que morre

Conversão de barras	
Polegadas	Milímetros
3/16	5.0
1/4	6.3
5/16	8.0
3/8	10.0
1/2	12.5
5/8	16.0
3/4	20.0

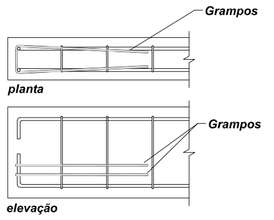
CF X cm → Contra flecha (na planta)

CF X cm ↑ Contra flecha (no detalhe)

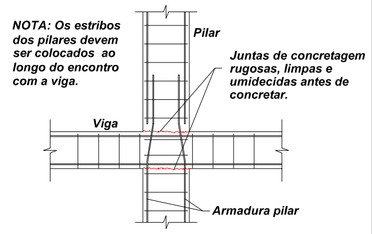
DETALHE DOS FERROS DAS LAJES:



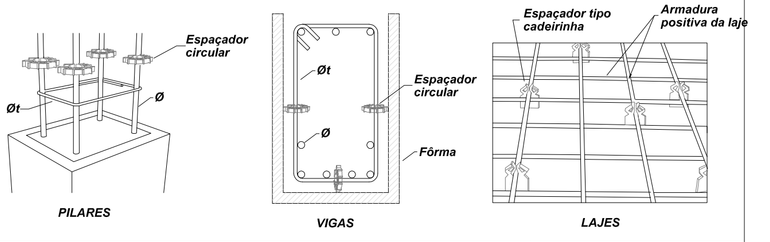
DETALHE DOS GRAMPOS DE ANCORAGEM:



DETALHE DA LIGAÇÃO PILAR-VIGA:



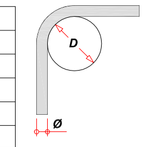
DETALHE DOS ESPAÇADORES:



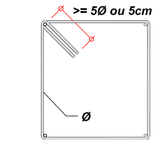
DIÂMETRO MÍNIMO DOS PINOS DE DOBRAMENTO DAS BARRAS:

ESTRIBOS	
Ø (mm)	D (mm)
5.0	15.0
6.3	18.9
8.0	24.0
10.0	30.0
12.5	62.5
16.0	80.0
>= 20.0	8xø

BARRAS DE TRAÇÃO	
Ø (mm)	D (mm)
5.0	30.0
6.3	31.5
8.0	40.0
10.0	50.0
12.5	62.5
16.0	80.0
>= 20.0	8xø

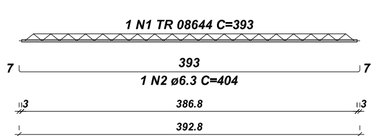


GANCHO DOS ESTRIBOS:

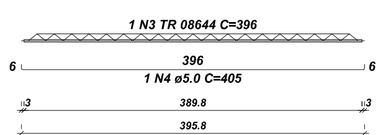


NOTA: gancho em ângulo de 45°

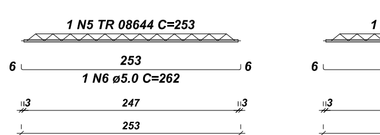
VT1a (12 unidades) (L1) ESC 1:50



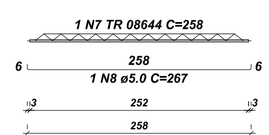
VT2a (12 unidades) (L2) ESC 1:50



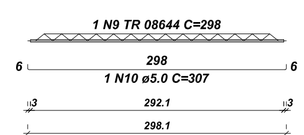
VT3a (1 unidades) (L3) ESC 1:50



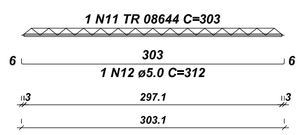
VT3b (11 unidades) (L3) ESC 1:50



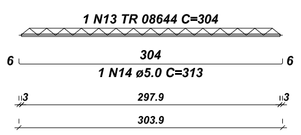
VT4a (1 unidades) (L4) ESC 1:50



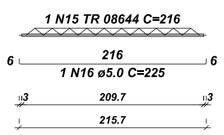
VT4b (11 unidades) (L4) ESC 1:50



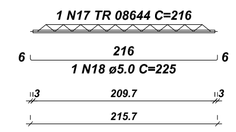
VT5a (12 unidades) (L5) ESC 1:50



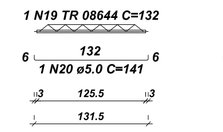
VT6a (13 unidades) (L6) ESC 1:50



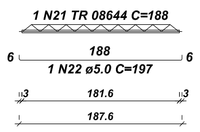
VT7a (27 unidades) (L7) ESC 1:50



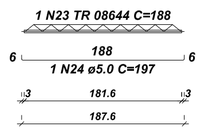
VT8a (4 unidades) (L8) ESC 1:50



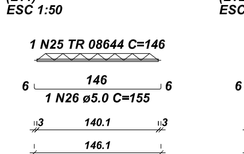
VT9a (5 unidades) (L9) ESC 1:50



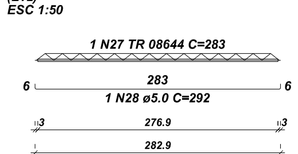
VT10a (5 unidades) (L10) ESC 1:50



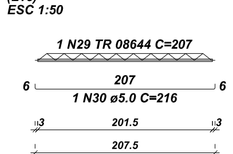
VT11a (4 unidades) (L11) ESC 1:50



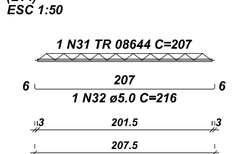
VT12a (9 unidades) (L12) ESC 1:50



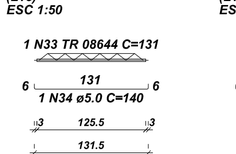
VT13a (5 unidades) (L13) ESC 1:50



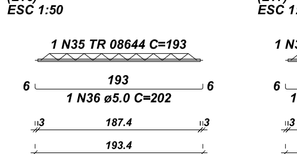
VT14a (11 unidades) (L14) ESC 1:50



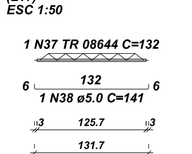
VT15a (8 unidades) (L15) ESC 1:50



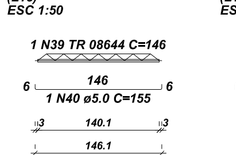
VT16a (7 unidades) (L16) ESC 1:50



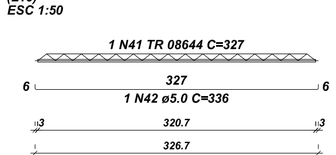
VT17a (8 unidades) (L17) ESC 1:50



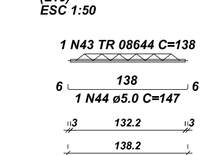
VT18a (5 unidades) (L18) ESC 1:50



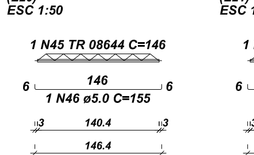
VT19a (16 unidades) (L19) ESC 1:50



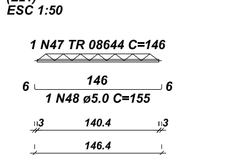
VT19b (3 unidades) (L19) ESC 1:50



VT20a (3 unidades) (L20) ESC 1:50



VT21a (3 unidades) (L21) ESC 1:50



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
12xVT1a	CA60	1	TR 08644	12	393	4716
	CA50	2	6.3	12	404	4848
12xVT2a	CA60	3	TR 08644	12	396	4752
	CA60	4	5.0	12	405	4860
VT3a	CA60	5	TR 08644	1	253	253
	CA60	6	5.0	1	262	262
11xVT3b	CA60	7	TR 08644	11	258	2838
	CA60	8	5.0	11	267	2937
VT4a	CA60	9	TR 08644	1	298	298
	CA60	10	5.0	1	307	307
11xVT4b	CA60	11	TR 08644	11	303	3333
	CA60	12	5.0	11	312	3432
12xVT5a	CA60	13	TR 08644	12	304	3648
	CA60	14	5.0	12	313	3756
13xVT6a	CA60	15	TR 08644	13	216	2808
	CA60	16	5.0	13	225	2925
27xVT7a	CA60	17	TR 08644	27	216	5832
	CA60	18	5.0	27	225	6075
4xVT8a	CA60	19	TR 08644	4	132	528
	CA60	20	5.0	4	141	564
5xVT9a	CA60	21	TR 08644	5	188	940
	CA60	22	5.0	5	197	985
5xVT10a	CA60	23	TR 08644	5	188	940
	CA60	24	5.0	5	197	985
4xVT11a	CA60	25	TR 08644	4	146	584
	CA60	26	5.0	4	155	620
9xVT12a	CA60	27	TR 08644	9	283	2547
	CA60	28	5.0	9	292	2628
5xVT13a	CA60	29	TR 08644	5	207	1035
	CA60	30	5.0	5	216	1080
11xVT14a	CA60	31	TR 08644	11	207	2277
	CA60	32	5.0	11	216	2376
8xVT15a	CA60	33	TR 08644	8	131	1048
	CA60	34	5.0	8	140	1120
7xVT16a	CA60	35	TR 08644	7	193	1351
	CA60	36	5.0	7	202	1414
8xVT17a	CA60	37	TR 08644	8	132	1056
	CA60	38	5.0	8	141	1128
5xVT18a	CA60	39	TR 08644	5	146	730
	CA60	40	5.0	5	155	775
16xVT19a	CA60	41	TR 08644	16	327	5232
	CA60	42	5.0	16	336	5376
3xVT19b	CA60	43	TR 08644	3	138	414
	CA60	44	5.0	3	147	441
3xVT20a	CA60	45	TR 08644	3	146	438
	CA60	46	5.0	3	155	465
3xVT21a	CA60	47	TR 08644	3	146	438
	CA60	48	5.0	3	155	465

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	UNIT	PESO + 10% (kg)
CA50	6.3	48.5	5	12 m	13
CA60	5.0	449.8	-	rolo (170 kg)	76.3
	TR 08644	480.4	-	-	388.4

PESO TOTAL (kg)	
CA50	13
CA60	464.6

Volume de concreto (C-30) = 0.00 m³
Área de forma = 0.00 m²

Nº DA REVISÃO	DATA	DESCRIÇÃO DA REVISÃO
01	04.08.2021	EMISSÃO PARA APROVAÇÃO

GOVERNO MUNICIPAL
ITABAIANA GRANDE
MAIS FORTE, FELIZ E HUMANA

PROPRIETÁRIO(S):
PREFEITURA MUNICIPAL DE ITABAIANA / SE
CNPJ - 13.104.140/0001-10

RESP. TÉC.
ARQ. E URB. ANDRÉ MENDONÇA
CAU - A194255-8

Projeto: PROJETO ESTRUTURAL	Uso (Atividade): Admin. Pública
Tipo de Projeto: PROJETO EXECUTIVO	Resp. de Projeto: Arq.º ANDRÉ MENDONÇA
Proprietário: PREFEITURA MUNICIPAL DE ITABAIANA / SERGIPE	Folha: 52 / 78
Sito: PRAÇA FAUSTO CARDOSO, N.º 12, ITABAIANA/SE	Data: Setembro/2021
Assunto: ARMAÇÃO LAJE 4-4 - G1	Escala: 1 / 100

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