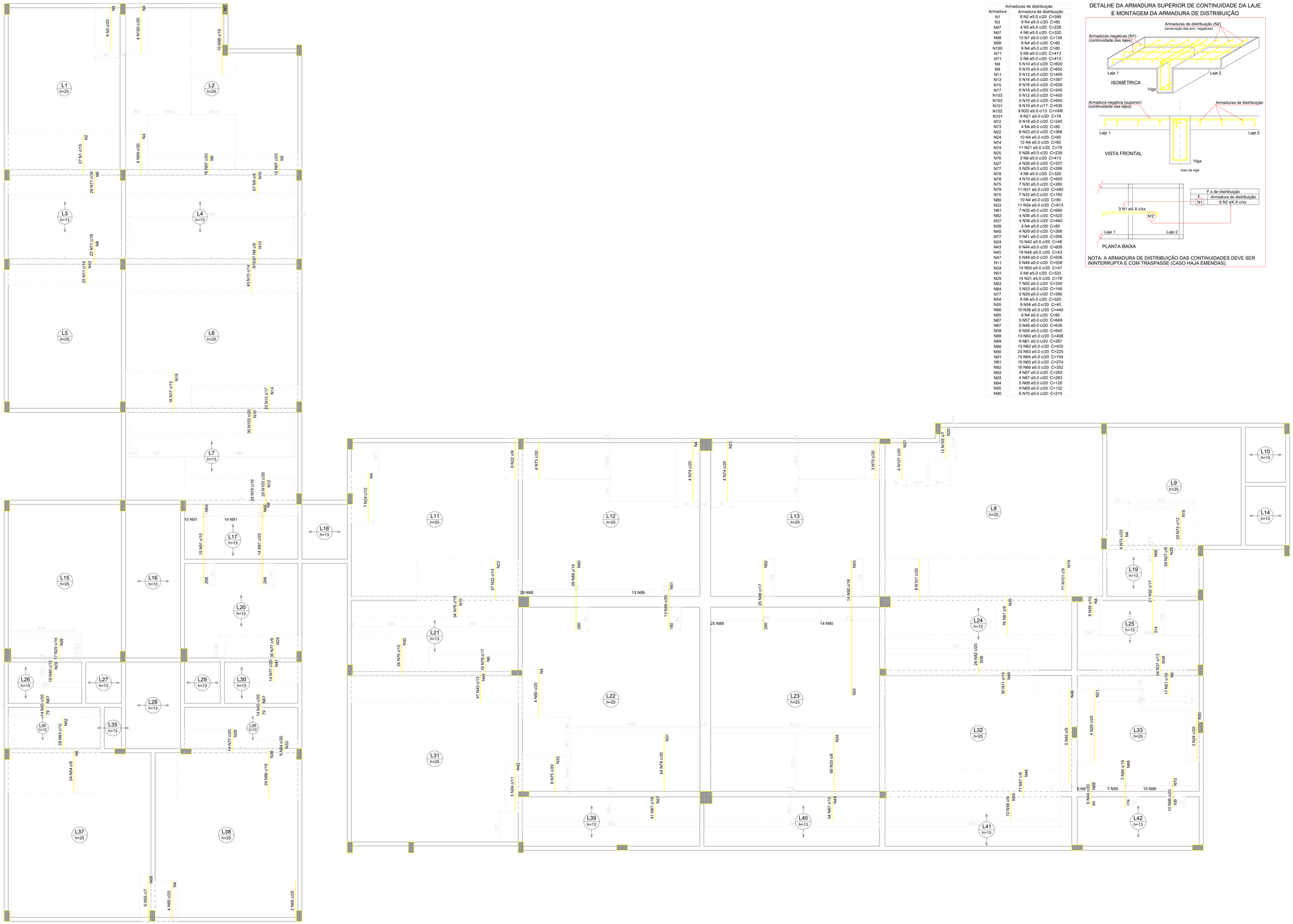

Armaduras de distribuição

Armadura	Armadura de distribuição
N1	8 N2 ø5.0 c/20 C=398
N3	9 N4 ø5.0 c/20 C=80
N97	4 N5 ø5.0 c/20 C=228
N97	4 N6 ø5.0 c/20 C=320
N98	13 N7 ø5.0 c/20 C=139
N99	8 N4 ø5.0 c/20 C=80
N100	9 N4 ø5.0 c/20 C=80
N71	5 N8 ø5.0 c/20 C=413
N71	5 N8 ø5.0 c/20 C=413
N9	5 N10 ø5.0 c/20 C=600
N9	5 N10 ø5.0 c/20 C=600
N11	5 N12 ø5.0 c/20 C=400
N13	5 N14 ø5.0 c/20 C=387
N15	6 N16 ø5.0 c/20 C=628
N17	8 N18 ø5.0 c/20 C=240
N103	5 N12 ø5.0 c/20 C=400
N103	5 N10 ø5.0 c/20 C=600
N101	9 N19 ø5.0 c/17 C=636
N102	9 N20 ø5.0 c/13 C=VAR
N101	8 N21 ø5.0 c/20 C=78
N72	8 N18 ø5.0 c/20 C=240
N73	4 N4 ø5.0 c/20 C=80
N22	8 N23 ø5.0 c/20 C=368
N24	10 N4 ø5.0 c/20 C=80
N74	12 N4 ø5.0 c/20 C=80
N74	11 N21 ø5.0 c/20 C=78
N25	5 N26 ø5.0 c/20 C=238
N76	3 N8 ø5.0 c/20 C=413
N27	4 N28 ø5.0 c/20 C=337
N77	5 N29 ø5.0 c/20 C=266
N78	4 N6 ø5.0 c/20 C=320
N78	4 N10 ø5.0 c/20 C=600
N75	7 N30 ø5.0 c/20 C=280
N79	11 N31 ø5.0 c/20 C=480
N75	7 N32 ø5.0 c/20 C=160
N80	10 N4 ø5.0 c/20 C=80
N33	11 N34 ø5.0 c/20 C=613
N81	7 N35 ø5.0 c/20 C=680
N82	4 N36 ø5.0 c/20 C=520
N37	4 N38 ø5.0 c/20 C=440
N39	4 N4 ø5.0 c/20 C=80
N40	4 N29 ø5.0 c/20 C=266
N77	5 N41 ø5.0 c/20 C=268
N24	10 N42 ø5.0 c/20 C=48
N43	6 N44 ø5.0 c/20 C=608
N45	18 N46 ø5.0 c/20 C=43
N47	5 N48 ø5.0 c/20 C=638
N11	5 N49 ø5.0 c/20 C=558
N24	10 N50 ø5.0 c/20 C=47
N51	5 N6 ø5.0 c/20 C=320
N29	14 N21 ø5.0 c/20 C=78
N83	7 N52 ø5.0 c/20 C=335
N84	3 N53 ø5.0 c/20 C=146
N77	5 N29 ø5.0 c/20 C=266
N54	8 N6 ø5.0 c/20 C=320
N55	9 N56 ø5.0 c/20 C=40
N86	10 N38 ø5.0 c/20 C=440
N85	8 N4 ø5.0 c/20 C=80
N87	5 N57 ø5.0 c/20 C=649
N87	5 N48 ø5.0 c/20 C=638
N58	6 N59 ø5.0 c/20 C=640
N88	13 N60 ø5.0 c/20 C=408
N89	9 N61 ø5.0 c/20 C=267
N88	13 N62 ø5.0 c/20 C=420
N90	25 N63 ø5.0 c/20 C=225
N91	15 N64 ø5.0 c/20 C=154
N91	15 N65 ø5.0 c/20 C=274
N92	16 N66 ø5.0 c/20 C=352
N93	4 N67 ø5.0 c/20 C=283
N93	4 N67 ø5.0 c/20 C=283
N94	5 N68 ø5.0 c/20 C=120
N95	9 N69 ø5.0 c/20 C=132
N96	6 N70 ø5.0 c/20 C=210

DETALHE DA ARMADURA SUPERIOR DE CONTINUIDADE DA LAJE
E MONTAGEM DA ARMADURA DE DISTRIBUIÇÃO

NOTA: A ARMADURA DE DISTRIBUIÇÃO DAS CONTINUIDADES DEVE SER ININTERRUPTA E COM TRASPASSE (CASO HAJA EMENDAS).

Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
Negativos Y	CA60	1	5.0	27	148	3996
	CA60	2	5.0	8	398	3184
	CA60	3	5.0	4	173	692
	CA60	4	5.0	74	80	5920
	CA60	5	5.0	4	228	912
	CA60	6	5.0	21	320	6720
	CA60	7	5.0	13	139	1807
	CA60	8	5.0	13	413	5369
	CA60	9	5.0	134	85	11390
	CA60	10	5.0	19	600	11400
	CA60	11	5.0	55	91	5005
	CA60	12	5.0	10	400	4000
	CA60	13	5.0	23	94	2162
	CA60	14	5.0	5	387	1935
	CA60	15	5.0	45	118	5310
	CA60	16	5.0	6	628	3768
	CA60	17	5.0	16	143	2288
	CA60	18	5.0	16	240	3840
	CA60	19	5.0	9	636	5724
	CA60	20	5.0	9	VAR	VAR
	CA60	21	5.0	33	78	2574
	CA60	22	5.0	33	145	4785
	CA60	23	5.0	8	368	2944
	CA60	24	5.0	15	186	2790
	CA60	25	5.0	17	84	1428
	CA60	26	5.0	5	238	1190
	CA60	27	5.0	38	79	3002
	CA60	28	5.0	4	337	1348
	CA60	29	5.0	18	266	4788
	CA60	30	5.0	7	280	1960
	CA60	31	5.0	11	480	5280
	CA60	32	5.0	7	160	1120
	CA60	33	5.0	69	218	15042
	CA60	34	5.0	11	613	6743
	CA60	35	5.0	7	680	4760
	CA60	36	5.0	4	520	2080
	CA60	37	5.0	34	73	2482
	CA60	38	5.0	14	440	6160
	CA60	39	5.0	8	68	544
	CA60	40	5.0	18	76	1368
	CA60	41	5.0	5	268	1340
	CA60	42	5.0	10	48	480
	CA60	43	5.0	47	111	5217
	CA60	44	5.0	6	608	3648
	CA60	45	5.0	5	346	1730
	CA60	46	5.0	18	43	774
	CA60	47	5.0	71	101	7171
	CA60	48	5.0	10	638	6380
	CA60	49	5.0	5	558	2790
	CA60	50	5.0	10	47	470
	CA60	51	5.0	17	92	1564
	CA60	52	5.0	7	335	2345
	CA60	53	5.0	3	146	438
	CA60	54	5.0	54	158	8532
	CA60	55	5.0	6	168	1008
	CA60	56	5.0	9	40	360
	CA60	57	5.0	5	649	3245
	CA60	58	5.0	72	104	7488
	CA60	59	5.0	6	640	3840
	CA60	60	5.0	13	408	5304
	CA60	61	5.0	9	267	2403
	CA60	62	5.0	13	420	5460
	CA60	63	5.0	25	225	5625
	CA60	64	5.0	15	154	2310
	CA60	65	5.0	15	274	4110
	CA60	66	5.0	16	352	5632
	CA60	67	5.0	8	283	2264
	CA60	68	5.0	5	120	600
	CA60	69	5.0	9	132	1188
	CA60	70	5.0	6	210	1260
	CA50	71	6.3	49	86	4214
	CA50	72	6.3	20	146	2920
	CA50	73	6.3	4	66	264
	CA50	74	6.3	8	222	1776
	CA50	75	6.3	39	139	5421
	CA50	76	6.3	26	56	1456
	CA50	77	6.3	58	85	4930
	CA50	78	6.3	53	71	3763
	CA50	79	6.3	24	219	5256
	CA50	80	6.3	4	184	736
	CA50	81	6.3	76	137	10412
	CA50	82	6.3	26	74	1924
	CA50	83	6.3	28	126	3528
	CA50	84	6.3	8	44	352
	CA50	85	6.3	6	145	870
	CA50	86	6.3	24	185	4440
	CA50	87	6.3	95	95	9025
	CA50	88	6.3	54	260	14040
	CA50	89	6.3	13	180	2340
	CA50	90	6.3	14	500	7000
	CA50	91	6.3	29	298	8642
	CA50	92	6.3	21	314	6594
	CA50	93	6.3	28	79	2212
	CA50	94	6.3	6	94	564
	CA50	95	6.3	7	174	1218
	CA50	96	6.3	10	109	1090
	CA50	97	8.0	28	73	2044
	CA50	98	8.0	10	258	2580
	CA50	99	8.0	4	153	612
	CA50	100	8.0	4	178	712
	CA50	101	8.0	83	148	12284
	CA50	102	8.0	12	VAR	VAR
	CA50	103	10.0	50	90	4500

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	1049.9	256.9
	8.0	195.8	77.2
	10.0	45	27.7
CA60	5.0	2531.3	390.2
PESO TOTAL (kg)			
CA50	361.9		
CA60	390.2		

Armação negativa das lajes do pavimento SUPERIOR 01 (Eixo Y)

escala 1:50

A & V PROJETOS DE ENGENHARIA	
PROJETO:	PROJETO ESTRUTURAL HOSPITAL DR ESTEVAM
INTERESSADO:	PREFEITURA DE SOBRAL
ENDEREÇO:	
MUNICÍPIO:	SOBRAL-CE
DESIGNAÇÃO DA PRANCHA:	DET. LAJES SUPERIOR 01 FL 05
ESCALA:	INDICADA
DATA:	JULHO/2022
REVISÃO:	00
ARQUIVO:	
EST.	22