



RELAÇÃO DO AÇO						
ELEMENTO	ACO	N	DIAM (mm)	QUANT	C TOTAL (cm)	C TOTAL (cm)
VC1	CASO	1	5,0	40	81	3240
VC1	CASO	2	5,0	40	81	3240
VC1	CASO	3	8,0	2	671	1342
VC1	CASO	4	8,0	2	671	1342
VC1	CASO	5	8,0	2	623	1246
VC1	CASO	6	8,0	2	686	1273
VC1	CASO	7	8,0	9	81	729
VC1	CASO	8	8,0	9	81	729
VC1	CASO	9	5,0	100	81	8100
VC1	CASO	10	10,0	1	238	238
VC1	CASO	11	10,0	2	1088	2136
VC1	CASO	12	10,0	2	1088	2136
VC1	CASO	13	10,0	2	235	470
VC1	CASO	14	10,0	2	235	470
VC1	CASO	15	10,0	2	1138	2296
VC1	CASO	16	10,0	2	994	1988
VC1	CASO	17	5,0	62	81	5022
VC1	CASO	18	6,3	3	110	330
VC1	CASO	19	10,0	2	689	1378
VC1	CASO	20	12,5	2	994	1988
VC1	CASO	21	10,0	46	81	3778
VC1	CASO	22	10,0	1	238	238
VC1	CASO	23	10,0	2	635	1270
VC1	CASO	24	5,0	9	81	729
VC1	CASO	25	5,0	9	81	729
VC1	CASO	26	5,0	2	188	376
VC1	CASO	27	5,0	2	188	376
VC1	CASO	28	5,0	2	188	376
VC1	CASO	29	5,0	2	188	376
VC1	CASO	30	10,0	1	248	248
VC1	CASO	31	10,0	2	639	1278
VC1	CASO	32	12,5	2	654	1308
VC1	CASO	33	8,0	11	81	891
VC1	CASO	34	8,0	2	174	348
VC1	CASO	35	10,0	1	181	181
VC1	CASO	36	10,0	3	215	645
VC1	CASO	37	5,0	46	81	3778
VC1	CASO	38	12,5	1	234	234
VC1	CASO	39	12,5	2	411	822
VC1	CASO	40	12,5	1	220	220
VC1	CASO	41	12,5	2	418	836
VC1	CASO	42	5,0	25	81	2025
VC1	CASO	43	10,0	2	418	836
VC1	CASO	44	12,5	2	287	574
VC1	CASO	45	5,0	38	81	3078
VC1	CASO	46	8,0	2	156	312
VC1	CASO	47	8,0	2	156	312
VC1	CASO	48	12,5	2	672	1344
VC1	CASO	49	10,0	2	301	602
VC1	CASO	50	10,0	2	301	602
VC1	CASO	51	10,0	2	301	602
VC1	CASO	52	10,0	2	301	602
VC1	CASO	53	5,0	47	81	3807
VC1	CASO	54	10,0	1	210	210
VC1	CASO	55	10,0	1	210	210
VC1	CASO	56	10,0	2	738	1476
VC1	CASO	57	10,0	2	772	1544
VC1	CASO	58	10,0	2	772	1544
VC1	CASO	59	10,0	1	205	205
VC1	CASO	60	10,0	2	1448	2896
VC1	CASO	61	10,0	2	230	460
VC1	CASO	62	10,0	2	230	460
VC1	CASO	63	5,0	48	81	3888
VC1	CASO	64	8,0	2	738	1476
VC1	CASO	65	8,0	2	981	1962
VC1	CASO	66	8,0	2	981	1962
VC1	CASO	67	8,0	2	1220	2440
VC1	CASO	68	8,0	2	837	1674
VC1	CASO	69	8,0	2	1188	2376
VC1	CASO	70	8,0	2	1188	2376
VC1	CASO	71	5,0	16	81	1296
VC1	CASO	72	8,0	2	981	1962
VC1	CASO	73	10,0	2	114	228
VC1	CASO	74	5,0	87	81	7047
VC1	CASO	75	10,0	2	1820	3640
VC1	CASO	76	10,0	1	243	243
VC1	CASO	77	10,0	1	243	243
VC1	CASO	78	12,5	2	1197	2394
VC1	CASO	79	12,5	2	1197	2394
VC1	CASO	80	5,0	100	81	8100
VC1	CASO	81	5,0	100	81	8100
VC1	CASO	82	8,0	2	981	1962
VC1	CASO	83	8,0	1	633	633
VC1	CASO	84	8,0	1	105	205
VC1	CASO	85	8,0	2	1188	2376
VC1	CASO	86	8,0	2	818	1636
VC1	CASO	87	8,0	2	818	1636
VC1	CASO	88	10,0	2	940	1880
VC1	CASO	89	10,0	2	940	1880
VC1	CASO	90	10,0	2	995	1990
VC1	CASO	91	10,0	2	81	4263
VC1	CASO	92	10,0	2	623	1246
VC1	CASO	93	12,5	2	713	1426
VC1	CASO	94	5,0	20	81	1620
VC1	CASO	95	10,0	2	322	644
VC1	CASO	96	10,0	2	392	784
VC1	CASO	97	10,0	2	81	162
VC1	CASO	98	10,0	2	181	362
VC1	CASO	99	10,0	2	181	362
VC1	CASO	100	10,0	2	181	362
VC1	CASO	101	6,3	3	78	234
VC1	CASO	102	8,0	3	366	110
VC1	CASO	103	16,0	1	191	191
VC1	CASO	104	16,0	1	366	366
VC1	CASO	105	16,0	2	370	740
VC1	CASO	106	16,0	2	370	740
VC1	CASO	107	12,5	2	362	724
VC1	CASO	108	16,0	1	218	218
VC1	CASO	109	16,0	2	431	862
VC1	CASO	110	8,0	31	81	2511
VC1	CASO	111	10,0	2	530	1060
VC1	CASO	112	12,5	2	524	1048
VC1	CASO	113	12,5	2	500	1000
VC1	CASO	114	5,0	43	81	3483
VC1	CASO	115	8,0	2	666	1332
VC1	CASO	116	8,0	2	729	1458
VC1	CASO	117	5,0	9	81	729
VC1	CASO	118	8,0	2	180	360
VC1	CASO	119	8,0	17	81	1377
VC1	CASO	120	8,0	2	307	614
VC1	CASO	121	8,0	2	267	534
VC1	CASO	122	8,0	2	81	162
VC1	CASO	123	5,0	2	162	324
VC1	CASO	124	10,0	2	162	324
VC1	CASO	125	12,5	2	352	704

RESUMO DO AÇO			
ACO	DIAM (mm)	C TOTAL (cm)	PESO + 0% (kg)
CASO	6,3	2,2	1,8
CASO	8,0	35,8	28,6
CASO	10,0	320,9	257,5
CASO	12,5	12,4	10,1
CASO	16,0	28,0	45,5
CASO	5,0	1004,4	559,4

PESO TOTAL: 943,7 kg
 CASO: 443,7 kg
 CASO: 499,4 kg

Volume de concreto (C-25) = 8,48 m³
 Área de forma = 17,50 m²

PROPRIETÁRIO: CÂMARA MUNICIPAL DE PATOS CNPJ: 08.309.618/00001-02
 ENGENHEIRO: LUCAS SOUZA DOS SANTOS LEITÃO NUNES CREA: 1615999691

PROJETO ESTRUTURAL

PROJETO: REFORMA E AMPLIAÇÃO DA CÂMARA MUNICIPAL DE PATOS
ENDEREÇO: RUA HORACIO NOBREIRA, 605, BELA HORIZONTE, PATOS/PB
PROPRIETÁRIO: CÂMARA MUNICIPAL DE PATOS

DESENHO	RESPONSÁVEL	RUBRICA	DATA	REVISÃO:
CÓPIA			Novembro de 2021	
ART			ÁREA DO IMP. ACAD. 311 31 47	
			ÍNDICE DE APROV.: 2	

PRÂNCIA	DESENHO:	ESCALA:
01/01	VIGAS DA COBERTURA	INDICADAS



LEITÃO ENGENHARIA
 R. SERRA, 100 - J. S. - PATOS - PB