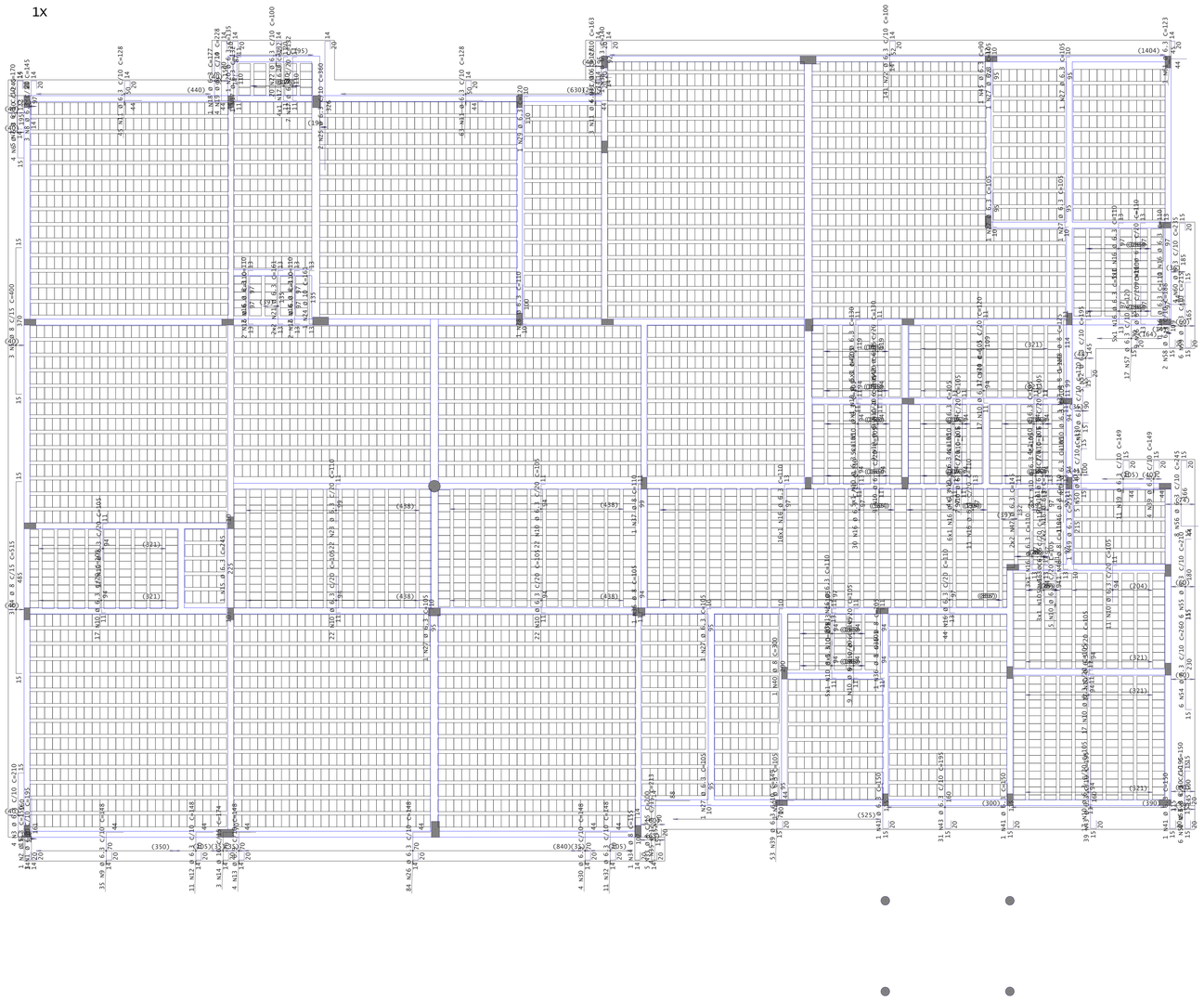
Cobertura Final - Armadura negativa secundaria

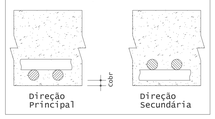
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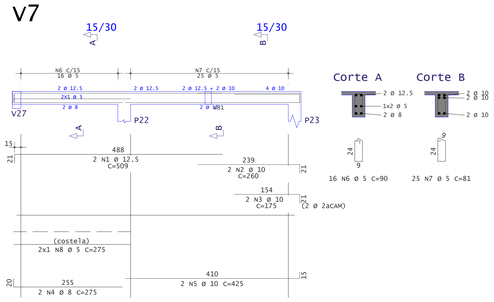
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Cobertura Final - Armadura negativa secundaria					
	50A	1	6.3	3	195	585
	50A	2	6.3	1	150	150
	50A	3	6.3	4	210	840
	50A	4	8	3	515	1545
	50A	5	8	3	400	1200
	50A	6	6.3	4	245	980
	50A	7	6.3	5	170	850
	50A	8	6.3	3	145	435
	50A	9	6.3	35	148	5180
	50A	10	6.3	303	105	31815
	50A	11	6.3	111	128	14208
	50A	12	6.3	11	148	1628
	50A	13	6.3	4	148	592
	50A	14	10	3	174	522
	50A	15	6.3	1	245	245
	50A	16	6.3	180	110	19800
	50A	17	6.3	12	132	1584
	50A	18	6.3	1	177	177
	50A	19	6.3	4	228	912
	50A	20	6.3	1	135	135
	50A	21	6.3	4	161	644
	50A	22	6.3	161	100	16100
	50A	23	6.3	22	110	2420
	50A	24	10	1	161	161
	50A	25	6.3	2	360	720
	50A	26	6.3	84	148	12432
	50A	27	6.3	8	105	840
	50A	28	6.3	1	110	110
	50A	29	6.3	1	120	120
	50A	30	6.3	4	148	592
	50A	31	6.3	4	163	652
	50A	32	6.3	11	148	1628
	50A	33	8	5	200	1000
	50A	34	8	1	155	155
	50A	35	12.5	4	213	852
	50A	36	8	3	105	315
	50A	37	8	2	110	220
	50A	38	6.3	1	140	140
	50A	39	6.3	68	149	10132
	50A	40	8	1	300	300
	50A	41	6.3	3	150	450
	50A	42	6.3	14	130	1820
	50A	43	6.3	70	195	13650
	50A	44	6.3	17	120	2040
	50A	45	6.3	1	90	90
	50A	46	8	2	110	220
	50A	47	6.3	4	145	580
	50A	48	8	1	125	125
	50A	49	6.3	1	235	235
	50A	50	6.3	5	130	650
	50A	51	6.3	4	120	480
	50A	52	6.3	11	195	2145
	50A	53	6.3	6	150	900
	50A	54	6.3	6	260	1560
	50A	55	6.3	6	210	1260
	50A	56	6.3	8	245	1960
	50A	57	6.3	17	120	2040
	50A	58	6.3	2	188	376
	50A	59	6.3	6	215	1290
	50A	60	6.3	4	235	940
	50A	61	6.3	1	123	123
V7						
	50A	1	12.5	2	509	1018
	50A	2	10	2	260	520
	50A	3	10	2	175	350
	50A	4	8	2	275	550
	50A	5	10	2	425	850
	60A	6	5	16	90	1440
	60A	7	5	25	81	2025
	60A	8	5	2	275	550
V8						
	50A	1	10	2	1136	2272
	50A	2	10	4	170	680
	50A	3	12.5	2	1025	2050
	50A	4	8	3	343	1029
	50A	5	10	1	210	210
	50A	6	8	2	275	550
	50A	7	10	2	425	850
	50A	8	10	1	230	230
	50A	9	8	2	250	500
	50A	10	10	2	945	1890
	50A	11	10	2	575	1150
	50A	12	10	1	295	295
	60A	13	5	1	81	81
	60A	14	5	109	81	8829
	60A	15	5	43	90	3870
	60A	16	5	2	430	860
	60A	17	5	2	260	520
V29						
	50A	1	8	3	464	1392
	50A	2	8	2	465	930
	60A	3	5	26	81	2106

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	202	31
50A	6.3	1593	390
50A	8	100	40
50A	10	100	62
50A	12.5	39	38
Peso Total	60A =		31 kgf
Peso Total	50A =		529 kgf

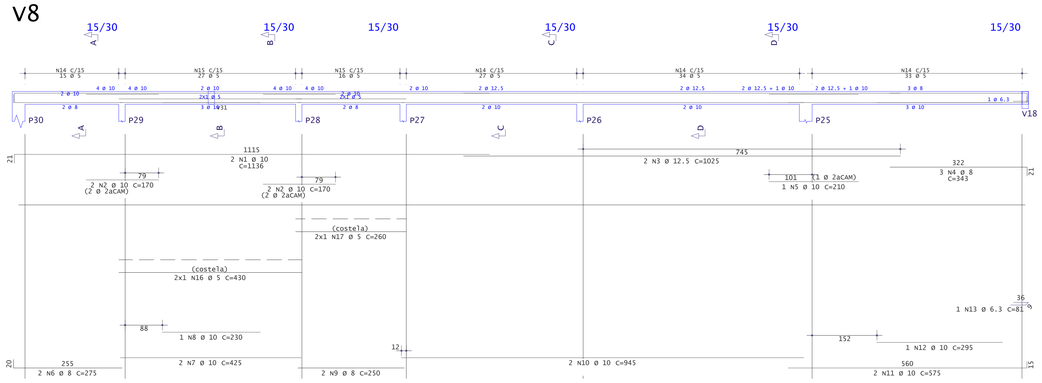
Detalhe genérico do alojamento de armaduras positivas



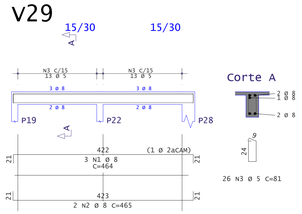
v7



v8



v29



gov.br
Documento assinado digitalmente
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Data: 26/09/2025 11:28:29-0300
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ARQUITETURA E ENGENHARIA

PROJETO ESTRUTURAL

CEI NOSSA SENHORA DA SALETE
RUA JOÃO DANIEL, BAIRRO CENTRO, MORRO GRANDE/SC

CONTEÚDO
- PLANTA FORMAS COBERT. GERAL
- DETALHAMENTO DE VIGAS

PRANCHA: 11/18

PROPRIETÁRIO:
MUNICIPIO DE MORRO GRANDE
CNPJ 95.782.785/0001-08

RESPONSÁVEL TÉCNICO:
HJ ARQUITETURA E ENGENHARIA LTDA
CREA-SC 187117-2

ESCALA	DESENHO	ÁREA TOTAL	DATA
INDICADA	AMANDA	597,76m²	SETEMBRO/2025