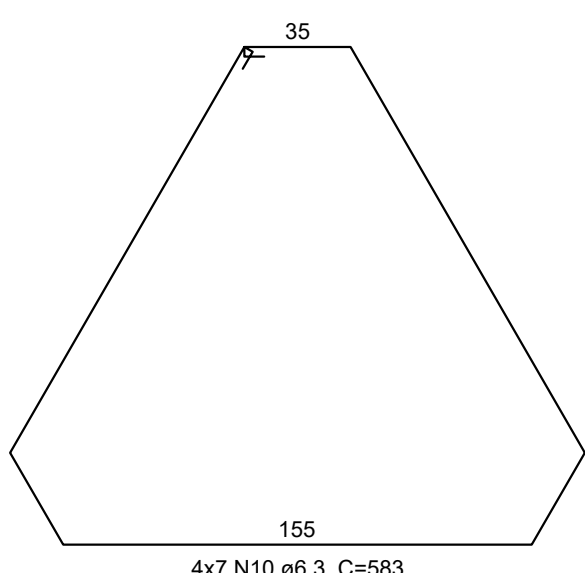
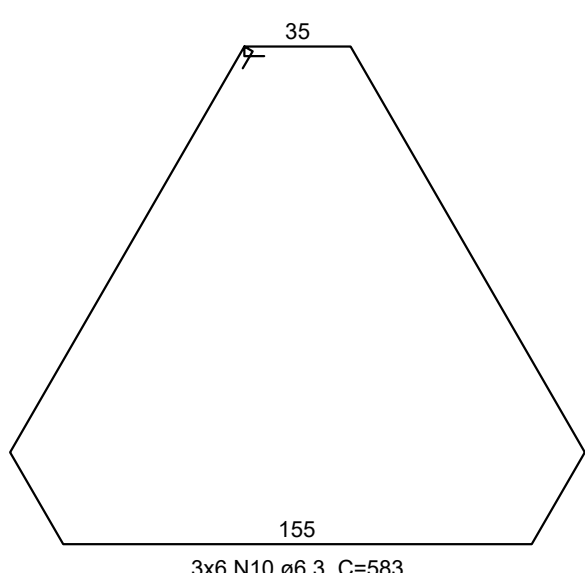
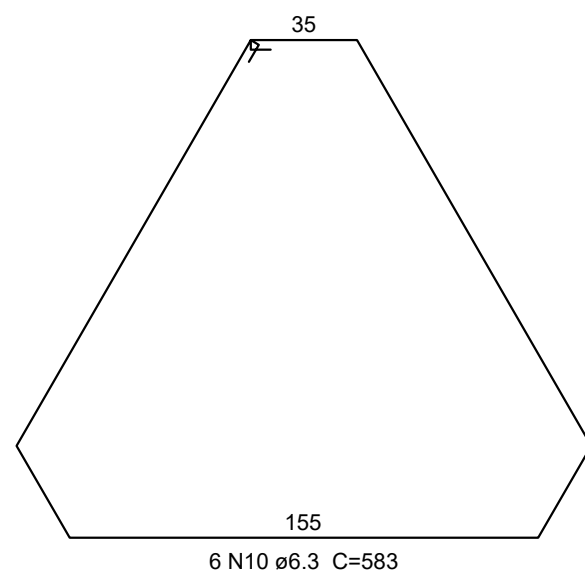
[illegible]

Technical drawing of a triangular roof structure. The drawing shows a cross-section of a roof with a triangular plan. Key dimensions and labels include:

- Top Dimensions:** 60, 60, 60 (horizontal segments at the top).
- Left Side Dimensions:** 69 (total height), 35 (lower segment), 21 (bottom left corner).
- Right Side Dimensions:** 174 (total height), 21 (bottom right corner).
- Bottom Dimensions:** 201 (total width), 21 (bottom left corner), 21 (bottom right corner).
- Internal Dimensions:** 106 (width of the central horizontal section), 318 (width of the central horizontal section), C=VAR (width of the central horizontal section).
- Labels:** N7 (top left corner), N6 (top right corner), N18 (bottom right corner), N19 (bottom left corner), N15 (bottom center), N16 (bottom center), N17 (bottom center).
- Other Labels:** VAR, 10 N6 at 3 cr18 C=VAR.



Technical drawing of a reinforced concrete slab (L1) showing cross-sections and dimensions. The drawing includes a plan view of the slab with dimensions 25m by 60m, and two cross-sections labeled "SEÇÃO ESC 1:25". The cross-sections show the slab thickness of 150mm and the reinforcement bars (2x8 N3 e5.0 C=162). The drawing also shows the slab's connection to a wall and a column, with dimensions for the wall and column. The wall has a height of 175mm and a thickness of 150mm. The column has a diameter of 200mm and a height of 150mm. The slab is supported by a wall and a column, with dimensions for the support area. The drawing includes a scale of 1:25 and a title "SUBSOLO - L1".

Relação do aço

B4	B10		B15		
AÇO	N	DIAM	QUANT	C.UNIT	C.TOTAL
CA60	1	1,3	8	172	1376
	2	5,0	46	34	1564
	3	5,0	38	55	6156
	4	5,0	15	142	2130
	5	5,0	8	102	816
CA50	6	5,0	90	VAR	VAR
	7	6,3	95	VAR	VAR
	8	6,3	81	VAR	VAR
	9	6,3	81	VAR	VAR
	10	6,3	9	583	34307
	11	6,3	2	1206	252
	12	6,3	8	37	296
	13	6,3	2	42	424
	14	10,0	2	80	160
	15	10,0	5	237	1185
CA40	16	12,5	6	173	1038
	17	16,0	15	VAR	VAR
	18	16,0	15	VAR	VAR
	19	16,0	4	130	520
	20	16,0	15	VAR	VAR
	21	20,0	60	VAR	VAR
	22	20,0	2	162	324
	23	20,0	6	90	540
	24	20,0	16	245	3920
	25	20,0	3	152	456
	26	20,0	13	235	3055
	27	20,0	7	147	1029
	28	20,0	37	100	8510
	29	20,0	40	250	10000
	30	20,0	6	167	1002
CA35	31	25,0	2	166	332
	32	25,0	2	200	400
	33	25,0	8	200	1600

Resumo do aço			
AÇO	DIAM (mm)	C TOTAL (m)	PESO + 10 % (kg)
CA50	6,3	1068,2	287,5
	8,0	4,3	1,8
	10,0	14,5	9,8
	12,5	10,4	11
	16,0	474	822,9
	20,0	292,6	793,6
	25,0	28,9	122,2
CA60	5,0	120,5	20,4
PESO TOTAL (kg)			
CA50	2048,9		
CA60	20,4		

Volume de concreto (C-30) = 22.11 m³
Área de forma = 77.54 m²

ITEM	REVISÃO (CONTEÚDO)	RESPONS.	DATA

PROPRIETÁRIO: SERVIÇO SOCIAL DO COMÉRCIO - SESC

AUTOR DO PROJETO: ENGº CIVIL E ARQ ALEXANDRE DE MORAES FERREIRA - CREA/PA 4393D

DESENV. DO PROJETO: ENGº CIVIL ALMIR MAGALHÃES JR. - CREA/PA 151086898-4D

PREFEITURA	BOMBEIROS
	DEMAIS ÓRGÃOS

PROPOSTA Nº: _____																								
<div><div><div><div>engenharia e arquitetura & paisagismo lda.</div><div>CNPJ nº 12.947.007/0001-91 e-mail: contato@aal3l.com.br</div></div></div></div>					<table><tr><td>PROJETO</td><td colspan="4">CONSTRUÇÃO ED. DE PAGAMENTOS DA UNIDADE DOCA</td></tr><tr><td>DESCRIÇÃO</td><td colspan="4">ESTRUTURA</td></tr><tr><td>FASE</td><td colspan="4">PROJETO EXECUTIVO</td></tr></table>					PROJETO	CONSTRUÇÃO ED. DE PAGAMENTOS DA UNIDADE DOCA				DESCRIÇÃO	ESTRUTURA				FASE	PROJETO EXECUTIVO			
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ARMAÇÃO DOS BLOCOS DE CORMENTAMENTO - PARTE 2																								
<div><div><div><div>RLA SEMAÇÃO MANOEL BARATA Nº 173 - RUA DE LUÍS EDUARDO - BELÉM/PA</div><div>PROJETO: RUA DE LUÍS EDUARDO Nº 173 - RUA DE LUÍS EDUARDO Nº 4350</div><div>EMP. CIVIL ALVARO MAGALHÃES JR. - CREA/PA 1530686-02</div><div>RESPONSÁVEL TÉCNICO: EMP. CIVIL E AGD ALEXANDRE DE MOURA FERREIRA - CREA/PA 43630</div></div></div></div>					EST 17/64																			
UNIDADE	INSCRIÇÃO	DATA	JUN-02-2018	REVISÃO	000	REVISÃO	EMP. CIVIL ALVARO MAGALHÃES JR.																	