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Technical drawing of a building facade elevation. The drawing includes various structural elements and dimensions:

- Top Section:**
 - Left side: 274, 2 N2 Ø 16 C=325, 202, 2 N1 Ø 8 C=350.
 - Center: 3 N4 Ø 20 C=505, 128, (2 Ø 2aCAM), 2 N5 Ø 20 C=305, 195.
 - Right side: 136, 3 N6 Ø 10 C=186, 150.
- Second Section:**
 - Left side: 2 Ø 16, N9 C/20, 15 Ø 6.3, 2 Ø 8.
 - Center: 5 Ø 20.
 - Right side: 2 Ø 8, 3 Ø 30.
- Third Section:**
 - Left side: P85, 2x3 Ø 8, 3 Ø 16.
 - Center: P86, 2x3 Ø 8, 3 Ø 16.
 - Right side: P87, 2x3 Ø 8, 3 Ø 16.
- Bottom Section:**
 - Left side: 25, 852, 3 N7 Ø 16 C=877.
 - Center: (costela), 2x3 N10 Ø 8 C=852.
 - Right side: 811, 3 N8 Ø 16 C=836.
- Detail A (Corte A):**
 - Top: 2 Ø 16.
 - Center: 3x2 Ø 8.
 - Bottom: 3 Ø 16.
 - Label: 24, N3.
- Other Labels:**
 - 80 N9 Ø 6.3 C=152.
 - (costela) 811, 2x3 N11 Ø 8 C=825.

The technical drawing illustrates the roof structure with two main views:

- Plan View (Top):** Shows the horizontal layout of the roof. Key dimensions include a total width of 300 units (2 @ 2xCAM), a central section labeled "Z N1 Ø 8 C=510", and various offsets such as 136, 90, 50, 186, 300, 5, 20, 351, and 75. Section lines A-A and B-B are indicated.
- Section View (Bottom):** Labeled "Corte A", it shows a cross-section of the roof assembly. It details multiple layers: a top layer of 3 @ 12.5, followed by 2 @ 8, 2x3 @ 8, 4 @ 16, and 5 @ 20. The total height is noted as 884. Below the roof assembly, there's a section for "costela" (rib) with dimensions 884, 2x3 N5 Ø 8 C=898, and 884. At the base, another layer is shown with 4 N4 Ø 16 C=934. A vertical dimension of 25 is also present.

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Technical drawing of a reinforced concrete slab (Corte A) showing dimensions and reinforcement details.

Plan View Dimensions:

- Overall width: 136
- Overall length: 90
- Reinforcement details:
 - 3 N2 \varnothing 10 C=166
 - 2 N1 \varnothing 8 C=480
 - N4 C/20 33 \varnothing 6.3
 - 2 \varnothing 8
 - 2x3 \varnothing 8
 - 3 \varnothing 10
 - 3 \varnothing 20
 - 3 N3 \varnothing 20 C=754

Corte A (Cross Section):

- Slab thickness: 300
- Reinforcement details:
 - 3 N4 \varnothing 6.3 C=152
 - 3 N2 \varnothing 10 C=166
 - 2 N1 \varnothing 8 C=480
 - 2 \varnothing 8
 - 2x3 \varnothing 8
 - 3 \varnothing 10
 - 3 \varnothing 20
 - 3 N3 \varnothing 20 C=754

Corte A

Dimensions and reinforcement details for the slab:

- Top reinforcement: 3 N2 Ø 10 C=201 (left), 3 N3 Ø 10 C=186 (right)
- Bottom reinforcement: 2 N1 Ø 8 C=385 (top), 3 Ø 10 (middle), 3 Ø 10 (bottom)
- Vertical dimensions: 151 (left), 136 (right), 108 (left), 50 (top and bottom)
- Horizontal dimensions: 40 N5 C/15 (left), 2 Ø 8 (middle), 3 Ø 10 (right)
- Reinforcement labels: P90, P91, A-A
- Additional dimensions: 624 (bottom), 2x3 N6 Ø 8 C=652 (bottom), 3 N4 Ø 10 C=664 (bottom)

Technical drawing of a reinforced concrete slab (V69-V72) showing plan and cross-section views.

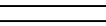



Plan View:

- Overall dimensions: 161m (width) x 113m (length).
- Reinforcement details:
 - Top reinforcement: 2 N1 Ø 8, C=135.
 - Bottom reinforcement: 4 N3 Ø 16, C=744.
 - Central reinforcement zone: 2 N1 Ø 8, C=135.
 - Bottom reinforcement zone: 4 N3 Ø 16, C=744.
- Labels: V69, V72, (corte A), 694, 2x3 N5 Ø 8 C=722, 694, 4 N3 Ø 16 C=744.

Corte A (Cross-section):

- Slab thickness: 250mm.
- Reinforcement: 4 N4 Ø 5, C=151.
- Concrete cover: 30mm.
- Labels: 30, 161, 3 N2 Ø 10 C=191, 250, 4 N4 Ø 5 C=151, 30.

SIGLAS:
C.A.F = COTA DE ASSENTAMENTO DA FUNDAÇÃO
C.F = CONTRA - FLECHA
SIGLA DOS ELEMENTOS ESTRUTURAIS:
B=BLOCO P=PILAR V=VIGA
C=CANTA R=RADIER VE=VIGA ESCADA
E=ESTACA S=SAPATA VEQ=VIGA DE EQUILÍBRIO
L=Laje T=TUBULÃO VT=VIGA DE TRANSIÇÃO
OBSERVAÇÃO:
FOI FORNECIDO UMA SONDEAGEM PELO CONTRATANTE PRÓXIMO AO LOCAL DA OBRA A QUAL FOI UTILIZADA COMO BASE PARA O CÁLCULO DA FUNDAÇÃO
LEGENDA DE PTIARES:

	= PROSSEQUE		= MORRE		= REDUZ		= NASCE
NOTAS :				10-Fator Estatístico: S3 = 1.0			
1-Cotas e Dimensões em cm.				11-Velocidade Básica do vento: V = 30m/s			
2-Concreto Estrutural : Fck = 30MPa				12-Cobrimento das Armaduras :			
Módulo de Elasticidade : Ecs = 26GPa				Lajes : 2,5cm Sapatas: 3,0cm			
3-Aços :				Pilares : 3,0cm Vigas: 3,0cm			
CA-50 - Fyk = 500 MPa				Blocos : 3,0cm Tubos: 3,0cm			
Ca-60 - Fyk = 600 MPa				Radier: 3,0cm			
4-Concreto de regularização: FCK = 10MPa							
Módulo de Elasticidade : Ecs = 15GPa							
Espessura : 5,0cm							
5-As cotas prevalecem sobre o desenho							
6-Classe de Agressividade Ambiental = II							
7-Fator do Terreno: S1 = 1.0							
8-Categoria de Rugosidade: S2 = II							
9-Classe da Edificação: S2 = C							

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PROJETO ESTRUTURAL



INFORMAÇÕES DA OBRA

DESCRIÇÃO DA PLANTA:		
ARMADÃO DAS VIGAS DA COBERTURA		
TÍTULO DA OBRA :		
CONSTRUÇÃO DA EMFE ESTHER DA COSTA SANTOS		
ENDEREÇO DA OBRA :		
RUA ADEOLINDO DURAES, S/Nº - BAÍRO NOVA MIMIQUE		
DESENHOS:	DATA:	ESCALA:
EQUIPE ML	JANEIRO/2022	1:100
Nº DO ARQUIVO CAD:	Nº DO PROJETO:	Nº DA PRANCHA:
0844-021-EST-R02.DWG	EST0844	21/27
AVENIDA ELDES SCHERRER DE SOUZA, Nº 1025, CENTRO EMPRESARIAL DA SERRA, SALA 016-CEP:29.165-080-POURÇA RESIDENCIAL DE LARANJEIRAS-SERRA/ES TEL: +55(27) 3000-8013 - +55(27) 3000-1240		