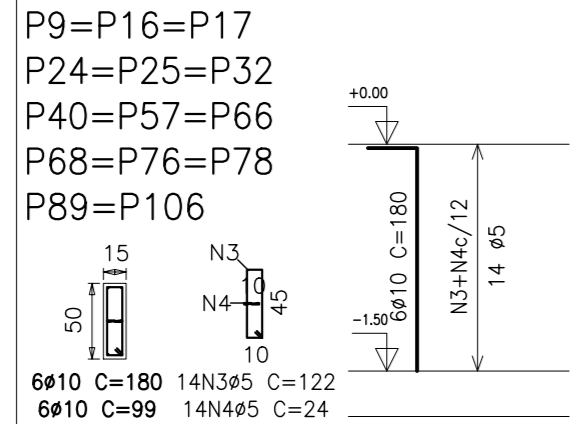
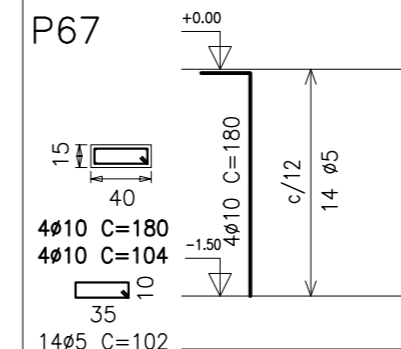
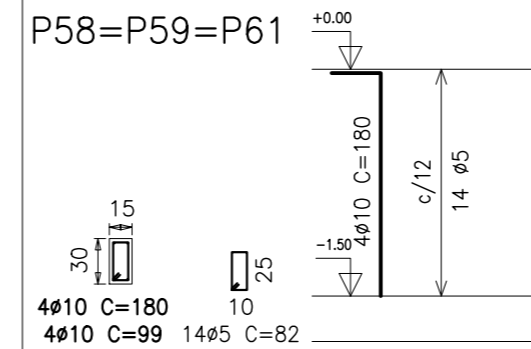
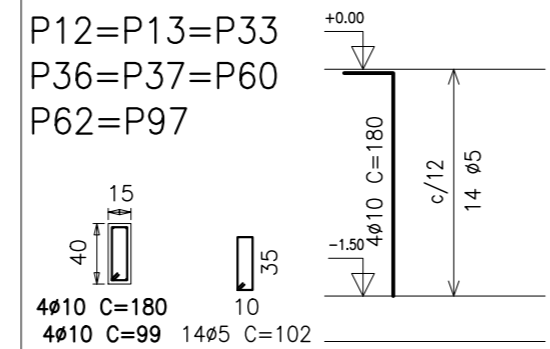


15  
50  
6010 C=180  
6010 C=99  
N3 10  
14N3ø5 C=122  
14N4ø5 C=24

180  
14 ø5  
N3+N4C/12  
1.50  
6010 C=180

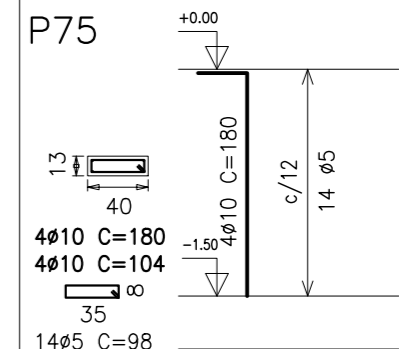
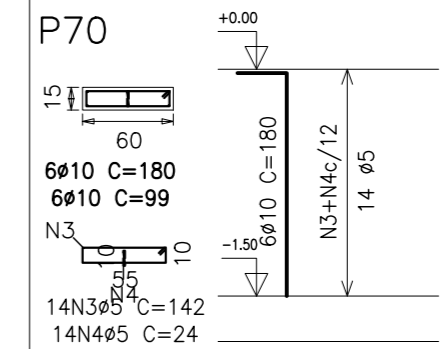



  
 $40 \pm 0.010$  C=180  
 $40 \pm 0.010$  C=99  
 $35$   
 $14 \pm 0.05$  C=98



Technical drawing of a mechanical part with dimensions and material specifications:

- Top view dimensions: 13 (height), 30 (width).
- Material specifications: 4010 C=180, 4010 C=99, 1405 C=78.
- Bottom view dimensions: 25 (width), 1405 (length).
- Side view dimensions: 18 (height), 1405 (length), 13 (height), 30 (width).
- Material specifications: 4010 C=180, 4010 C=99, 1405 C=78.
- Other dimensions: 1.50, c/12, 14 05.



Technical drawing of a column cross-section and elevation. The cross-section shows a 14φ5 reinforcement layout with 8 top bars and 6 bottom bars. The elevation shows a 4φ10 reinforcement layout with 2 top bars and 2 bottom bars. Dimensions include a total height of 14φ5, a clear height of c/12, and a top reinforcement offset of 13mm.

**6010 C=180**    **14N3Ø5 C=120**  
**6010 C=118**    **14N4Ø5 C=39**

Technical drawing of a vertical plate with dimensions and material specifications:

- Top View (Left):** A rectangle with a width of 30 and a height of 34. It shows a central rectangular hole.
- Top View (Right):** A rectangle with a width of 29 and a height of 25. It shows a central rectangular hole. Dimensions N3 and N4 are indicated for the top and bottom flanges respectively.
- Side View (Right):** A vertical plate with a total height of 14 and a diameter of  $\varnothing 5$ . It shows a central vertical hole with a diameter of  $\varnothing 10$ . The distance from the top flange to the center of the hole is 180. The distance from the bottom flange to the center of the hole is  $N3 + N4c/12$ . The distance from the top flange to the bottom flange is 14.
- Material Specifications:**
  - $6\varnothing 10 \text{ C}=180$
  - $6\varnothing 10 \text{ C}=99$
  - $14N3\varnothing 5 \text{ C}=120$
  - $14N4\varnothing 5 \text{ C}=39$

Technical drawing of a rectangular frame. The drawing includes a top view and a side elevation. The top view shows a rectangle with dimensions 30 (width) and 50 (height). Inside the rectangle, there is a diamond shape formed by four lines labeled N3, N4, N1, and N2. The side elevation shows a vertical section with a total height of 14. The width of the section is labeled as 8ø10 C=180. The material specifications are listed below the drawing: 8ø10 C=180, 14N3ø5 C=152, 8ø10 C=99, and 14N4ø5 C=116.

Pilares que terminam em NIVEL 000  
Concreto: C20, em geral  
Aço: CA-50-A e CA-60-B  
Escala: 1:50

Prefeitura Municipal de Tubarão  
Secretaria de Urbanismo

# Projeto Estrutural

OBJETO:			ENDEREÇO:	
C. E. I. São João			Rua Manoel Jovêncio de Castro Bairro São João – Tubarão/SC	
ASSUNTO:			RESP. TÉCNICO:	
DETALHAMENTO DOS PESCOÇOS			<div>03</div> <div>03</div>	
ESCALA:	DATA:	ARQUIVO:	<div>RICHARD RODRIGUES ALEXANDRE</div> <div>Engenheiro Civil – CREA/SC nº 044.062-2</div>	
Indicada	Mar/2016	Creche São João – Sapatas.dwg		

03  
03