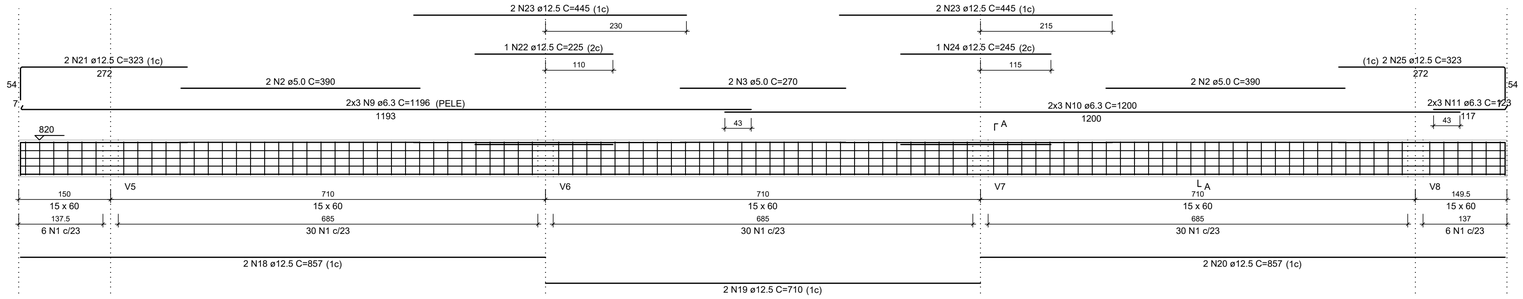
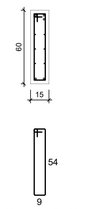
V1
ESC.: 1:50

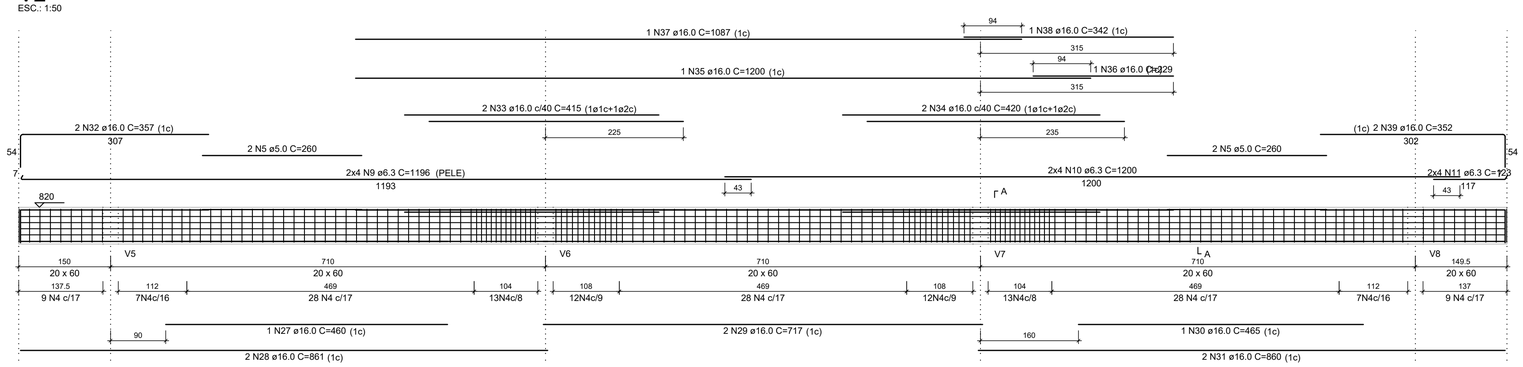


SEÇÃO A-A
ESC.: 1:25

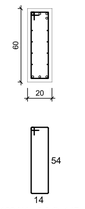


102 N1 ø5.0 C=137

V2
ESC.: 1:50

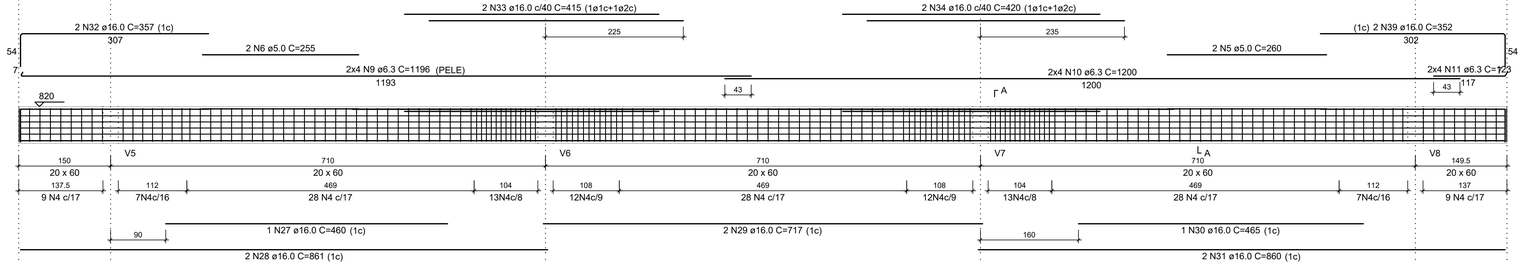


SEÇÃO A-A
ESC.: 1:25

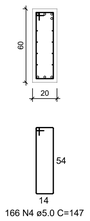


166 N4 ø5.0 C=147

V3
ESC.: 1:50

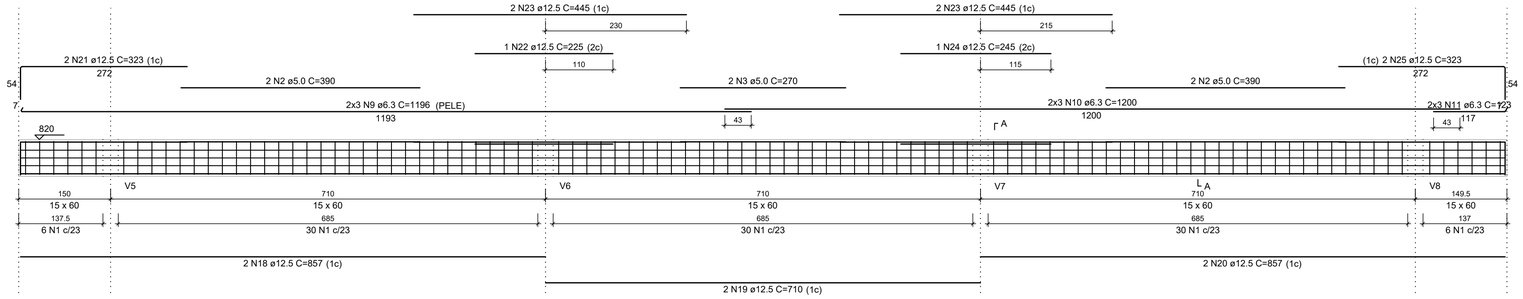


SEÇÃO A-A
ESC.: 1:25

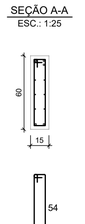


166 N4 ø5.0 C=147

V4
ESC.: 1:50

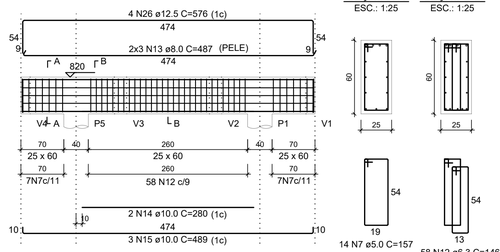


SEÇÃO A-A
ESC.: 1:25



102 N1 ø5.0 C=137

V5
ESC.: 1:50



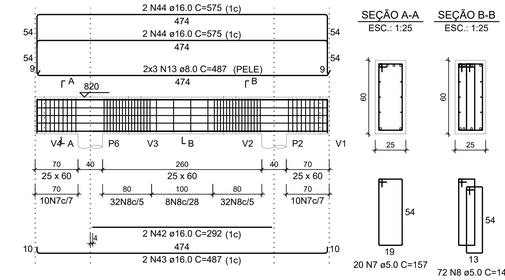
SEÇÃO A-A
ESC.: 1:25

14 N7 ø5.0 C=157

SEÇÃO B-B
ESC.: 1:25

58 N12 ø6.3 C=146

V6
ESC.: 1:50



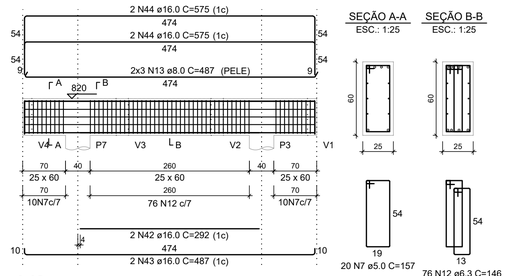
SEÇÃO A-A
ESC.: 1:25

20 N7 ø5.0 C=157

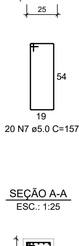
SEÇÃO B-B
ESC.: 1:25

72 N8 ø5.0 C=145

V7
ESC.: 1:50

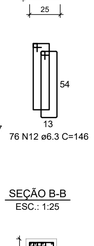


SEÇÃO A-A
ESC.: 1:25



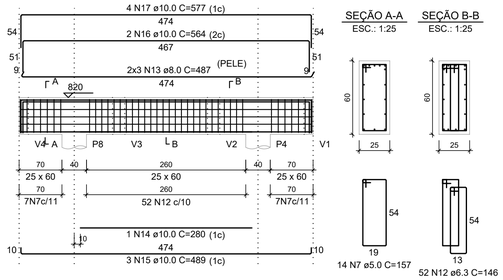
20 N7 ø5.0 C=157

SEÇÃO B-B
ESC.: 1:25



76 N12 ø6.3 C=146

V8
ESC.: 1:50



SEÇÃO A-A
ESC.: 1:25

14 N7 ø5.0 C=157

SEÇÃO B-B
ESC.: 1:25

52 N12 ø6.3 C=146

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 5% (kg)
CA50	6.3	976.9	251
	8.0	116.9	48.4
	10.0	72.1	46.7
	12.5	190.8	193
	16.0	312.2	517.4
CA60	5.0	1041.4	168.5

PESO TOTAL (kg)	
CA50	1056.5
CA60	168.5

Volume de concreto (C-30) = 13.08 m³
Área de forma = 161.46 m²

Prefeitura Municipal de Tubarão

Secretaria de Urbanismo, Mobilidade e Planejamento

Projeto Estrutural

OBJETO: DEQUE BEIRA RIO - 1 MÓDULO (x5)

ENDEREÇO: Rua Lauro Muller, Bairro Centro - Tubarão/SC

ASSUNTO: DETALHAMENTO DAS VIGAS DO TOPO

RESP. TÉCNICO: RICHARD RODRIGUES ALEXANDRE, Engenheiro Civil - CREA/SC nº 044.062-2

ESCALA: Indicada | DATA: Mai/2020 | ARQUIVO: est_Deque Beira Rio v5.dwg

03
03