

Technical drawing of a building facade elevation, showing a long horizontal structure with multiple levels of windows and doors. The drawing includes dimensions, material specifications, and structural details.

Top Section (Roofline/Upper Windows):

- Left side: 2 N38 e8.0 C=1198 (1179), 1 N25 e8.0 C=1050 (1031), 1 N24 e8.0 C=381 (65), 2x3 N3 e8.3 C=292.
- Center: 2 N39 e8.0 C=1200, 1 N28 e8.0 C=415 (80), 1 N27 e8.0 C=400 (65), 1 N26 e8.0 C=380 (65), 2x3 N4 e8.3 C=291.
- Right side: 2 N39 e8.0 C=1200, 1 N32 e8.0 C=1095, 1 N33 e8.0 C=174 (54), 1 N31 e8.0 C=400 (65), 1 N30 e8.0 C=380 (65), 2x3 N5 e8.3 C=290, 2x3 N6 e8.3 C=291, 2 N34 e8.0 C=375 (60), 2x3 N8 e8.3 C=291, 2 N40 e8.0 C=816 (797), 1 N37 e8.0 C=628 (609), 1 N36 e8.0 C=379 (65), 1 N35 e8.0 C=185 (65), 2x3 N7 e8.3 C=290.

Middle Section (Main Facade):

- Left side: 35, 379.9, 26 N1 c17, 245, 17 N1 c17, 285, 205.7, 28 N1 c9, 45, 245.1, 34 N1 c17, 569.3, 244.2, 45, 204.8, 36 N2 c7, 570.6, 245.1, 35, 245.5, 45, 204.2, 28 N1 c9, 570.5, 244.8, 45, 205, 36 N2 c7, 250, 1 N23 e8.0 C=170 (95), 1 N22 e8.0 C=217 (88), 244.6, 35, 245.9, 34 N1 c17, 570.5, 205, 28 N1 c9, 45, 245, 35, 570, 34 N1 c17, 227, 204.5, 45, 239.2, 15 N1 c17, 35.
- Center: 1 N21 e8.0 C=170 (95), 1 N22 e8.0 C=217 (88), 2 N47 e12.5 C=230 (10), 1 N13 e8.0 C=156 (205), 1 N14 e8.0 C=546 (12.5), 1 N43 e10.0 C=169 (30), 205, 1 N15 e8.0 C=135 (12.5), 2 N16 e8.0 C=545 (12.5), 2 N48 e12.5 C=230 (10), 1 N17 e8.0 C=160 (205), 2 N16 e8.0 C=545 (12.5), 2 N46 e10.0 C=224 (12.5).
- Right side: 1 N23 e8.0 C=170 (95), 1 N22 e8.0 C=217 (88), 2 N48 e12.5 C=230 (10), 1 N17 e8.0 C=160 (205), 2 N16 e8.0 C=545 (12.5), 2 N46 e10.0 C=224 (12.5), 1 N45 e10.0 C=170 (30), 2 N49 e12.5 C=229 (10), 1 N18 e8.0 C=140 (205), 2 N19 e8.0 C=545 (12.5), 3 N20 e8.0 C=282 (12.5).

Bottom Section (Base/Lower Windows):

- Left side: 127.5, 1 N8 e8.0 C=225, 1 N9 e8.0 C=92, 2 N10 e8.0 C=703, 30, 1 N41 e10.0 C=171 (12.5), 2 N42 e10.0 C=226 (12.5), 205, 1 N11 e8.0 C=119 (12.5), 2 N12 e8.0 C=544 (12.5).
- Center: 1 N21 e8.0 C=170 (95), 1 N22 e8.0 C=217 (88), 2 N47 e12.5 C=230 (10), 1 N13 e8.0 C=156 (205), 1 N14 e8.0 C=546 (12.5), 1 N43 e10.0 C=169 (30), 205, 1 N15 e8.0 C=135 (12.5), 2 N16 e8.0 C=545 (12.5), 2 N48 e12.5 C=230 (10), 1 N17 e8.0 C=160 (205), 2 N16 e8.0 C=545 (12.5), 2 N46 e10.0 C=224 (12.5).
- Right side: 1 N23 e8.0 C=170 (95), 1 N22 e8.0 C=217 (88), 2 N48 e12.5 C=230 (10), 1 N17 e8.0 C=160 (205), 2 N16 e8.0 C=545 (12.5), 2 N46 e10.0 C=224 (12.5), 1 N45 e10.0 C=170 (30), 2 N49 e12.5 C=229 (10), 1 N18 e8.0 C=140 (205), 2 N19 e8.0 C=545 (12.5), 3 N20 e8.0 C=282 (12.5).

Technical drawing of a bridge deck cross-section, showing various structural components, dimensions, and reinforcement details. The drawing is divided into several sections, each with specific dimensions and reinforcement specifications.

Dimensions and Reinforcement Details:

- Top Reinforcement:**
 - 2 N20 ø8.0 C=1198 (1179)
 - 1 N20 ø8.0 C=1198 (1179)
 - 2 N22 ø8.0 C=1200 (43)
 - 1 N21 ø8.0 C=200 (43)
 - 2 N22 ø8.0 C=1200 (43)
 - 1 N23 ø8.0 C=165 (43, 85)
 - 2 N22 ø8.0 C=1200 (43)
 - 1 N24 ø8.0 C=1197 (43, 80)
 - 1 N25 ø8.0 C=163 (43, 80)
 - 2 N27 ø8.0 C=772 (193)
 - 1 N26 ø8.0 C=454 (435)
- Deck Thickness and Spacing:**
 - 35, 380, 35, 366.5, 30, 378.6, 55, 433.3, 35, 306.1, 35, 366.9, 30, 378.6, 55, 433.3, 35, 305.4, 35, 367.6, 30, 378.8, 55, 419.6, 35, 314.2, 35
- Reinforcement Bars and Spacing:**
 - 432.5, 26 N1 ø17, 23 N1 ø17, 382, 406.3, 24 N1 ø17, 400.8, 323.7, 20 N1 ø17, 364.4, 23 N1 ø17, 406.1, 24 N1 ø17, 400.8, 28 N1 ø17, 322.9, 19 N1 ø17, 385.1, 23 N1 ø17, 406.3, 24 N1 ø17, 406.8, 28 N1 ø17, 366.7, 22 N1 ø17
- Reinforcement Bars and Spacing (Bottom):**
 - 112.5, 1 N2 ø8.0 C=205, 110, 1 N3 ø8.0 C=174, 85, 1 N5 ø8.0 C=201, 145, 1 N6 ø8.0 C=213, 95, 1 N8 ø8.0 C=151, 105, 1 N9 ø8.0 C=179, 90, 1 N10 ø8.0 C=196, 145, 1 N6 ø8.0 C=213, 95, 1 N12 ø8.0 C=150, 100, 1 N14 ø8.0 C=185, 90, 1 N15 ø8.0 C=196, 145, 1 N17 ø8.0 C=205, 100, 1 N18 ø8.0 C=174
- Reinforcement Bars and Spacing (Bottom):**
 - 2 N4 ø8.0 C=825, 2 N7 ø8.0 C=887, 2 N11 ø8.0 C=1137, 2 N10 ø8.0 C=794, 2 N16 ø8.0 C=796, 2 N19 ø8.0 C=812

[illegible]

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6,3	188,2	50,7
	8,0	277,2	100,3
	10,0	18,6	12,6
	12,5	13,8	14,6
CA60	5,0	411,7	69,8
PESO TOTAL (kg)			
CA50	198,2		
CA60	69,8		

VOLUME de concreto (C-30) = 4,20 m³
 Área de formas = 53,84 m²