

Technical drawing of a reinforced concrete slab (Fig. 10.10) showing a plan view with dimensions and reinforcement details. The slab is 103.0m wide and 29.4m deep. It features a central rectangular opening. Reinforcement includes top bars (Nr1, Nr3, Nr7, Nr8), bottom bars (Nr2, Nr4, Nr6, Nr18, Nr19, Nr20), and corner bars (Nr17). Dimensions for bar spacing (co) and lengths are provided for each reinforcement type.

The drawing consists of two parts: a cross-section on the left and a longitudinal section on the right.

Cross-section (left): Shows a rectangular beam with a total width of 400 mm and a total height of 250 mm. The effective depth is 220 mm. It features two layers of reinforcement: 4 top bars (labeled 'Nr14 26ø10 co 150') and 4 bottom bars (labeled 'Nr14 26ø10 co 150').

Longitudinal section (right): Shows the beam's length with a total length of 100 mm. It displays the top and bottom reinforcement layers, both labeled 'Nr14 14ø16 co 150'. The section is divided into three segments: a 25 mm segment at the left end, a 50 mm segment in the middle, and a 25 mm segment at the right end.

Technical drawing of a reinforced concrete slab cross-section. The drawing shows a rectangular slab with a total width of 500 mm and a total height of 110 mm. The effective depth is 90 mm. The slab is reinforced with two layers of bars: top bars (Nr14 33ø10 co 150) and bottom bars (Nr co). The bottom bars are spaced at 150 mm. The top bars are also spaced at 150 mm. The drawing includes dimension lines and labels for the reinforcement.

Technical drawing of a reinforced concrete wall cross-section. The wall is 222 cm high and 150 cm thick. It features a vertical reinforcement cage with top bars (Nr1, Nr3, Nr4, Nr6, Nr7, Nr8, Nr9, Nr14, Nr17, Nr18, Nr20) and horizontal reinforcement (Nr2, Nr5, Nr10, Nr11, Nr12, Nr13, Nr15, Nr16). The reinforcement is specified as 2x14=28ø10 for top bars, 2x2=4ø10 for horizontal bars, and 2x22=44ø10 for vertical bars. The wall is labeled 'A-IIIIN' and '3 szt. 110'.

Technical drawing of a building facade detail, showing a cross-section of a window frame and a base profile. The drawing includes dimensions and labels for various components.

Labels and dimensions:

- Nr3 33 \varnothing 10 co 150
- Nr2 19 \varnothing 10
- 50
- 25
- Nr7 7 \varnothing 10 co 150
- Nr14 33 \varnothing 10 co 150
- Nr20 11 \varnothing 16 co 450

Technical drawing of a reinforced concrete structure, likely a foundation or wall. The drawing includes dimensions and reinforcement details.

Dimensions:

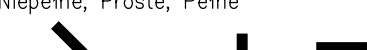




- Overall width: 294
- Overall height: 150
- Top horizontal reinforcement spacing: 22
- Bottom horizontal reinforcement spacing: 15
- Vertical reinforcement spacing: 17
- Horizontal reinforcement spacing: 12
- Horizontal reinforcement spacing: 22
- Horizontal reinforcement spacing: 60
- Horizontal reinforcement spacing: 400

Reinforcement Details:

- Nr16 27 ϕ 10 co 150
- Nr12 5x17=102 ϕ 10 co 500
- Nr15 55 ϕ 10 co 150
- Nr19 55 ϕ 10 co 150
- Nr12 wklejany na klej żywiczny
- Nr19 55 ϕ 10 co 150

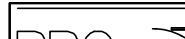
Grubość otuliny 50mm

MINIMALNE PROMIENIE GIECIA PRĘTÓW (EC2, Tabela 8.1+8.2)			
Rodzaje odginanych haków		Krzywizna pręta	
Niepełne, Proste, Pełne 			
Srednica pręta	Srednica wałki	Otulina prostopadła do płaszczyzny krzywizny pręta	Zagięcia i inne krzywizny prętów
ds \leq 16mm	4 ds	>100mm lub 7 ds	10 ds
ds > 16mm	7 ds	>50mm i 3 ds	15 ds
		\leq 50mm lub 3 ds	20 ds

MINIMALNE PROMIENIE GIECIA PRĘTÓW (EC2, Tabela 8.1+8.2)			
Rodzaje odginanych haków		Krzywizna pręta	
Niepełne, Proste, Pełne			
			
Srednica pręta	Srednica wałki	Otulina prostopadła do płaszczyzny krzywizny pręta	Zagięcia i inne krzywizny prętów
ds < 16mm	4 ds	>100mm lub 7 ds	10 ds
ds > 16mm	7 ds	>50mm i 3 ds	15 ds
		≤50mm lub 3 ds	20 ds

[illegible]

Nr13 $\varnothing 16$ A-IIIIN L=390 szt. 84	Nr7 $\varnothing 10$ A-IIIIN L=490 szt. 24	Nr9 $\varnothing 10$ A-IIIIN L=96 szt. 84
Nr15 $\varnothing 10$ A-IIIIN L=304 szt. 55	Nr8 $\varnothing 10$ A-IIIIN L=101 szt. 4	Nr20 $\varnothing 10$ A-IIIIN L=130 szt. 11
Nr16 $\varnothing 10$ A-IIIIN L=894 szt. 27	Nr17 $\varnothing 16$ A-IIIIN L=30 szt. 16	Nr14 $\varnothing 10$ A-IIIIN L=244 szt. 182

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Przedmiot:		RYSUNEK ZBROJENIA GŁOWICA WYLOTOWA									
Zakres:		Imię, nazwisko		Specjalność		Numer upr.		Podpis		Skala	
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