

Technical drawing of a reinforced concrete column cross-section and elevation.

Section 1-1: Shows the cross-section of the column, which is square with a side length of 30 cm. The reinforcement consists of 12 bars (Nr4-8#12) and 16 bars (Nr1-12#16).

Section 2-2: Shows the cross-section of the column, which is square with a side length of 30 cm. The reinforcement consists of 12 bars (Nr4-8#12) and 16 bars (Nr1-12#16).

Elevation: Shows the vertical dimensions of the column. The total height is 520 cm. The column is divided into two main sections: 286 cm for the upper part and 234 cm for the lower part. The reinforcement is arranged in a square pattern. The column is supported by a base (Stopa FS2) and is connected to a beam (Belka B14) at the top and a beam (Belka B1) at the bottom.

Reinforcement Details:

- Top section: 12 bars (Nr4-8#12) and 16 bars (Nr1-12#16).
- Bottom section: 12 bars (Nr4-8#12) and 16 bars (Nr1-12#16).
- Reinforcement layout: 12 bars (Nr4-8#12) and 16 bars (Nr1-12#16).

Labels:

- Belka B14
- Belka B1
- Stopa FS2
- Nr4-8#12
- Nr1-12#16
- Startery zbrojenia Wg Rys K1/02/01

Architectural drawing of a reinforced concrete wall cross-section. The drawing shows a central vertical wall with a central core and two side sections. The wall is labeled "Ściana murowana" (masonry wall) and "Ława L2" (base slab). The central core is labeled "Wieniec W1" (crown) and "Nr9-6#12". The side sections are labeled "Nr11-12#6co20" and "Nr11-7#6co10". The wall is supported by a base slab labeled "Nr10-7#6co10" and "Nr10-17#6co20". The drawing includes dimensions for height (409, 340, 240, 120, 60, 40) and width (40, 24, 40). It also shows reinforcement details with bar numbers and diameters. Section lines 3-3 and 4-4 are indicated. The drawing is oriented vertically with a north arrow pointing up.

Architectural drawing of a reinforced concrete column cross-section and elevation. The drawing shows a vertical column with various reinforcement details and dimensions. Key features include:

- Elevation View (Left):** Shows the column's height with dimensions: 30, 246, 40, 401, 40.
- Section View 5-5 (Top Left):** Shows the column's cross-section with reinforcement: Nr14-10#6co20 (9x20=180), Nr14-6#6co10 (5x10=50), and Belka B6.
- Section View 6-6 (Bottom Right):** Shows the column's cross-section with reinforcement: Nr12-2#12, Nr14-#6co20(10), and Nr13-2#12.
- Reinforcement Details:** Nr13-4#12, Nr12-4#12, and Nr13-8#12 L=270.
- Dimensions:** 10, 5, 6, 17x20=340, 5x10=50, 60, 1.30, 3.51, 6.27.
- Labels:** Nadproże N13, Belka B6, Stopa FS1, Startery zbrojenia Wg Rys K1/02/01.

Diagram showing a cross-section of a reinforced concrete slab. The slab has a total width of 25 cm and a total height of 25 cm. The effective depth is 20 cm. The reinforcement consists of top bars (Nr24-2#12) and bottom bars (Nr14-1451#6co15(7)). The distance from the top edge to the center of the top bars is 25 cm. The distance from the bottom edge to the center of the bottom bars is 20 cm. The effective length is 1167 m. The reinforcement is labeled as "co7 na tężeniu zbrojenia".

Diagram of a square column cross-section with dimensions and reinforcement details:

- Overall width: 20
- Overall height: 20
- Reinforcement: Nr24-2#12 (top and bottom bars)
- Reinforcement: Nr26-132#6co15(7) co7 na łączeniu zbrojenia (stirrups)

Diagram showing a cross-section of a reinforced concrete slab. The slab has a total thickness of 30 cm. The reinforcement consists of top bars (Nr24-2#12) and bottom bars (Nr32-55#6co15(7) co7 na łączeniu zbrojenia). The width of the slab is 25 cm.

1

25

50

Nr16-4 #12

2xNr17-44 #6co20(10)

Nr16-4 #12

L=380 szt.8

3

25

25

Nr18-2#12

Uwaga Nr

Nr14-80#6co20(10)

Nr18-2#12

L=650 szt.8

Technical drawing of a reinforced concrete slab cross-section. The slab is 25 cm thick and 63 cm wide. It contains three vertical reinforcement bars (2xNr22-44) and two horizontal reinforcement bars (Nr21-4#12). The total length of the slab is $L_s=3.65\text{m}$. A circular label '1' is on the left.

Technical drawing of a rectangular plate. The overall dimensions are 25 (height) and 63 (width). The plate is made of 2xNr22-44#6co20. It features four holes, two on each long side, with diameters of Nr21-1#12 and Nr21-4#12. The distance between the centers of the holes on each long side is L=439 szt.18. A circled number 1 is located to the right of the plate.

Technical drawing of a square reinforcement cage for a concrete slab. The cage is 40 cm wide and 25 cm high. It consists of two vertical bars (Nr9-4#12) and two horizontal bars (2xNr20-38#6co20(10)). The bars are spaced 10 cm apart from each other and 5 cm from the edges.

1. Rysunek rozpatrywać łącznie z projektem architektury, opisem technicznym oraz pozostałymi rysunkami konstrukcji.
2. Beton należy zagęszczać mechanicznie.
3. Na odcinkach łączenia zbrojenia zagęścić rozstaw strzemion.
4. Z filara FL2 wypuścić zbrojenie jako zbrojenie startowe dla rdzenia R1 na kolejnej kondygnacji.
5. Stop S5 wykonać tylko do poziomu +3.51m.
6. Elementy pionowe kotwic w wieńcu WF1 lub ławach fundamentowych. Lokalizacja starterów zbrojenia elementów pionowych wg schematów konstrukcji.
7. Rysunek rozpatrywać razem z rys. K1/02/01.

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Nazwa Rys.

Filary, rdzenie, słupy żelbetowe

Beton C20/25 (B25)
#Stal A-IIIIN (B500SP)
Otulina: 25mm

KONSTRUKCJA

Nr Rys.: K1/04/01