

skala 1:25

Technical drawing of a reinforced concrete slab (L=1800) showing dimensions, reinforcement details, and a cross-section.

**Dimensions:**

- Overall length: 1800
- Overall width: 1800
- Reinforcement spacing: 700, 400, 700
- Reinforcement spacing: 740, 320, 740

**Reinforcement Details:**

- ② 8#12 (Top reinforcement)
- ③ ø6@13 (Bottom reinforcement)
- ④ 20#12 L=1700 (Bottom reinforcement)

**Cross-section (3):**

- 3ø6 L=1180
- 23
- 51

Technical drawing of a reinforced concrete column cross-section. The column is 1800mm wide and 900mm high. It features a central core of 8#12 bars (labeled 2) and 4#18 corner bars (labeled 4). The core is surrounded by a 40mm gap and then a 230mm wide section of 8#12 bars (labeled 2). The outermost section is 85mm wide. The column is anchored into a base with 4#12 bars (labeled 4) and 12#12 bars (labeled 4). The base is 1000mm wide and 200mm high. The column is labeled "Kotwa fakowa 4xM16x800".

Technical drawing of a square column cross-section (1400x1400 mm) with a central square core (300x300 mm). The core contains 8 #12 bars (2) and is surrounded by a concrete layer with 6 #18 bars (3). The core is further surrounded by a concrete layer with 16 #12 bars (5). Dimensions are given in mm.

Dimensions and Reinforcement Details:

- Overall dimensions: 1400 mm x 1400 mm.
- Core dimensions: 300 mm x 300 mm.
- Core reinforcement: 8 #12 bars (2).
- Core concrete layer: 6 #18 bars (3).
- Outer concrete layer: 16 #12 bars (5).
- Dimensions: 500, 400, 500, 1400, 540, 320, 85, 150, 85, 230, 85, 1000, 1300, 300, 23, 31.

Technical drawing of a reinforced concrete slab (L=1000) showing reinforcement details. The drawing includes dimensions for the slab width (1400), length (1000), and various reinforcement bars (e.g., 8#12, 12co180, 12co180). It also shows a cross-section of the slab with a height of 900 and a base layer of 100. The drawing is labeled '2' and '5'.

Technical drawing of a square plate with a central square hole and a cross-shaped slot. The plate has a side length of 1000 mm. The central square hole has a side length of 320 mm. The cross-shaped slot is centered on the hole. Dimensions for the slot and hole are provided in millimeters. A central cross-section line is shown. A note at the bottom indicates a hole size of 60x18 mm.

Dimensions (mm):

- Plate side length: 1000
- Hole side length: 320
- Slot width: 340
- Slot height: 340
- Distance from hole center to slot edge: 85
- Distance from slot edge to plate edge: 85
- Distance from hole center to slot edge: 85
- Distance from slot edge to plate edge: 85
- Distance from hole center to slot edge: 85
- Distance from slot edge to plate edge: 85
- Distance from hole center to slot edge: 85
- Distance from slot edge to plate edge: 85

Note: 60x18

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


**Cross-section (Left):** A square section with side length 300 mm. Reinforcement includes 8 #12 bars (4 top, 4 bottom) and 6 #18 bars (3 top, 3 bottom). The section is labeled "Kotła fałkowa 4xM16x800".

**Elevation (Right):** A column of total height 1000 mm, with a base slab of 200 mm thickness. The column is reinforced with 8 #12 bars (4 top, 4 bottom) and 6 #18 bars (3 top, 3 bottom). The base slab is reinforced with 12 #12 bars (6 top, 6 bottom) and 12 #18 bars (6 top, 6 bottom). The column is labeled "Kotła fałkowa 4xM16x800".

Nr	Średnica [mm]		Długość [cm]	Ilość [szt.]	Długość całkowita [m]	
	ø	#			A-0	A-IIIIN
					ø6	#12
1		12	90	84		75,60
2		12	100	104		104,00
3	6		118	45	53,10	
4		12	170	80		136,00
5		12	130	64		83,20
Długość ogółem [m]					53,10	398,80
Masa jednostkowa [kg/m]					0,222	0,888
Masa ogółem [kg]					11,78	354,13
Masa razem [kg]					11,78	354,13

UWAGA:  
1. WSZYSTKIE NAROŻNIKI KOMINKÓW NALEŻY SFAZOWAĆ 20MM.

Beton C30/37  
Stal: A-0, A-IIIIN  
MIKROPALE ŻELBETOWE  $\varnothing 20\text{CM}$   
DŁUGOŚĆ 450CM  
NOSNOŚĆ POJEDYNCZEGO PALA  $>25\text{KN}$

PRZEDSIĘBIORSTWO INŻYNIERIA.JNO-USLUGOWE INŻYNIERIA PRO-EKO SP. Z O.O. UL. STRĄŻACKA 37 43-382 BIELSKO-BIAŁA www.inzynieria-pro-eko.pl tel. 531 48 44 04		
TEMAT:	PROJEKT BUDOWLANY BUDOWA MIĘDZYMIEJOWEGO PUNKT SELEKTYWNEGO ZBIERANIA ODPADÓW KOMUNALNYCH (PSZOK) NA TERENIE MIASTA KOŁNO WRAZ Z NIEZBĘDNO INFRASTRUKTURA TECHNICZNA,	INŻYNIERIA  PRO-EKO
INWESTOR:	MIASTO KOŁNO ul. WOJSKA POLSKIEGO 20, 18-500 KOŁNO	
ADRES:	Działek o nr geod.: 3062, 3071/1 3071/4 – położonych w Kołnie, m. Kołno.	data 09.2016
OBIEKT:	MIĘDZYMIEJOWY PUNKT SELEKTYWNEGO ZBIERANIA OPADÓW KOMUNALNYCH (PSZOK)	skala 1:25
TEMAT RYSUNKU:	WIATY ELEMENTY ŻELBETOWE	stadium PW
PROJEKTANT:	mgr inż. ZBIGNIEW GĘBCZYŃSKI nr upr.: SLK/0250/POK/O3 nr ŚOIB: SLK/BO/1500/3 specjalność konstrukcyjno-budowlana	branża K
SPRAWDZAJĄCY:	mgr inż. RYSZARDO BODZEK nr upr.: SLK/878/PK/O1 nr ŚOIB: SLK/BO/7591/12 specjalność konstrukcyjno-budowlana	rys.nr K-13
WSZELKIE PRAWA ZASTRZEŻONE		