

Technical drawing of a staircase with five flights. The drawing includes the following details:

- Dimensions:**
 - Top width: 120
 - Bottom width: 450
 - Platform widths: 120, 140, 140, 140
 - Vertical dimensions (riser heights): 12.05, 8.32, 4.18, 2.96, 2.74
 - Horizontal dimensions (tread widths): 130, 140, 140, 140, 140
 - Platform depth: 100
 - Staircase width: 120
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- Staircase Details:**
 - Flight 1: Pos. 1.8, 30×3.6 , $130 \times 14.57 = 30$, $n=20$
 - Flight 2: Pos. 1.4, $n=22$, $180 \times 4.21 = 22$
 - Flight 3: Pos. 1.5, $n=22$, $130 \times 14.57 = 30$
 - Flight 4: Pos. 1.5, $n=22$, $180 \times 4.21 = 22$
 - Flight 5: Pos. 1.3.1, $n=24$, $130 \times 14.57 = 30$
 - Flight 6: Pos. 1.4, 30×3.6 , $130 \times 14.57 = 30$, $n=24$
 - Flight 7: Pos. 1.2, $n=24$, $180 \times 4.21 = 22$
 - Flight 8: Pos. 1.1, $n=24$, $130 \times 14.57 = 30$
- Platform Levels:**
 - +10.18
 - +6.25
 - +2.96
 - +0.02
- Other Labels:**
 - 3x1
 - 4/4
 - 3x25
 - 2x42
 - 174
 - 194
 - 450
 - 140

Technical drawing of a reinforced concrete beam, showing two views: a top view (top) and a side view (bottom).

Top View:

- Overall length: 560 cm.
- Section 1 (Left): 30 cm.
- Section 2 (Middle): 560 ÷ 5 x 2.
- Section 3 (Right): 95 cm.
- Reinforcement bar (1): 6 mm diameter, 12 cm length.
- Reinforcement bar (2): 12 mm diameter, 16 cm length.
- Angles: 45° and 1/5.
- Dimensions: 22 x 6 mm, 2.5, 12 x 16 cm, 14.5, 30, 95, 12, 95.

Side View:

- Overall length: 588 cm.
- Section 1 (Left): 588 ÷ 6 x 0, 604 cm, 2 cm.
- Section 2 (Middle): 110 ÷ 182, br. 116.
- Section 3 (Right): 85 cm.
- Reinforcement bar (1): 6 mm diameter, 12 cm length.
- Reinforcement bar (2): 16 mm diameter, 628 cm length.
- Angles: 45° and 1/5.
- Dimensions: 588, 604, 2, 110, 182, 116, 85, 12, 95.

Technical drawing of a staircase and its reinforcement. The drawing shows a side elevation of a staircase with a slope angle of $\alpha = 29.54^\circ$. The staircase has a total height of 602 cm and a total length of 614 cm. The reinforcement is shown with various bars and their dimensions. The drawing includes a section view of the staircase and a detail view of the reinforcement. The reinforcement is labeled with numbers 1 through 10. The drawing also includes a table of reinforcement data.

Bar Number	Bar Type	Length (cm)	Quantity
1	$\phi 16$	1120	22 + 32
2	$\phi 16$	342	9

Hand-drawn structural drawing of a reinforced concrete beam. The drawing shows a cross-section of a beam with various dimensions and reinforcement details. Key features include:

- Cross-section dimensions:** 36 cm height, 25 cm width.
- Reinforcement:** 2 top bars (2φ12), 2 bottom bars (2φ20), and 2 side bars (2φ12).
- Spacing:** 12 cm spacing for top bars, 18 cm spacing for bottom bars.
- Labels:** "D-D" for the cross-section, "A: 20" for the section number, and "A: 10" for the section number.
- Dimensions:** 36 cm height, 25 cm width, 12 cm spacing, 18 cm spacing, 36 cm height, 25 cm width, 12 cm spacing, 18 cm spacing, 36 cm height, 25 cm width, 12 cm spacing, 18 cm spacing.

Poz. 1.1.

Poz. 1.2.

Technical drawing showing two alternative reinforcement layouts (Poz. 1.1 and Poz. 1.2) for a reinforced concrete slab. The slab width is W and height is 200 mm.



Reinforcement Details:

- Top Reinforcement:**
 - Alternative 1 (Poz. 1.1): $6\phi 16$ (labeled 5)
 - Alternative 2 (Poz. 1.2): $7\phi 16$ (labeled 2)
- Bottom Reinforcement:**
 - Alternative 1 (Poz. 1.1): $7\phi 16$ (labeled 6)
 - Alternative 2 (Poz. 1.2): $6\phi 16$ (labeled 1)
- Stirrups:** $\phi 6$ (labeled 3a)

Dimensions:

- Slab width: W
- Height: 200 mm
- Reinforcement spacing (Poz. 1.1): 172 mm
- Reinforcement spacing (Poz. 1.2): 172 mm
- Bar spacing (Poz. 1.1): 125 mm
- Bar spacing (Poz. 1.2): 125 mm
- Bar spacing (Poz. 1.1): 135 mm
- Bar spacing (Poz. 1.2): 135 mm

ELEMENT	№ прота	ΣРЕОН. φ / φ	Дела. 1 прота / см /	ИЛОД. мст	ДКУГОД. уг φ / м /							
					А-О			А-ІІ				
					φ 6	φ 10		φ 12	φ 16	φ 20		
1	2	3	4	5	6	7	8	9	10	11	12	
Роз. 1.2.	1	12	бр. 637	6				38,22				
Фыта. Арсан. кавч h=24	2	18	бр. 626	7					43,82			
	3	6	140	22	37,40							
	3a	6	342	9	30,76							
Роз. 1.1.	4	16	641	7					44,87			
Блэг Асходоу h=24	5	16	786	6					47,16			
	6	16	283	7					16,31			
	7	16	241	6					14,46			
	3	6	140	32	54,40							
Роз. 1.4.	8	20	418	2						0,36		
Ветка Арсан. кавч 30x35	9	12	407	2		8,14						
	10	6	122	23	28,06							
	10a	28	843	1						6,43		
ДКУГОД. РАЗЕН				м	150,64	8,14		38,22	166,62	14,79		
НАСА УЕДНОСТКОВА				кг/м	0,222	0,888		0,888	1,58	2,17		
" уг φ				кг	33,44	4,23		33,84	363,26	26,53		
" уг гат. сталі				кг		40,7			333,7			
ОГОДЕН				кг				37,44				

	PRACOWNIA PROJEKTOWA KATOWICE, POLNOCHNA 10			
	MIĘSTO			
OBJĘT	TEMAT: ZYWIĆ ZYWIĆ, RYNEK 2		RODZAJ PROJEKTU:	WYKONAWCY:
SALA SPORTOWA Z PRZEWIDZIANĄ SOCJALNĄ OTWARTĄ NA PRZECIŻY W ZYWIĆ	KONSTRUKCJA KUCHNI ELEKTRYKA POZ. A.1., A.2., A.4.		BRANŻA:	KONSTRUKCJA
PROJEKTOWAŁA:	mgr inż. EWA PAPAJ		SKALA:	1:200 1:20
SPRZĄDZIŁA:	mgr inż. TERESA G. JARZĄB		DATA:	GRUDZIEŃ 2005
			NR RIS	7.