

Technical drawing of a rectangular reinforced concrete slab with a sloped top edge. The drawing includes dimensions and reinforcement details.

Dimensions:

- Overall width: 300
- Overall height: 380
- Core width: 250
- Core height: 320
- Sloped top edge horizontal projection: 100
- Sloped top edge vertical projection: 100

Reinforcement Details:

- Top bars: 2 Ø B 10
- Bottom bars: 192 Ø B 6 à 250
- Bottom bars (bottom): 2 Ø B 10

Reinforcement Details (Cross-section):

- Top bars: 2 Ø 10 / bm = 105.16m
- Bottom bar: 1 Ø 6 L=1.19m

630

2 Ø B 10

2 Ø B 10

38 Ø B 6 à 250

2 Ø B 10

2 Ø B 10

50

250

300

190

100

570

2 Ø 10 / bm = 20.68m

2 Ø 10 / bm = 20.68m

2 Ø 10 / bm = 20.68m

11 38 Ø 6 L=1.69m

Technical drawing of a reinforced concrete slab and a column. The slab is shown in plan view with dimensions 300x250 mm and a height of 50 mm. It has four reinforcement bars: two top bars (2 Ø B 10), two bottom bars (2 Ø B 10), and two side bars (2 Ø B 6 á 250). The column is shown in elevation view with dimensions 190x190 mm and a height of 420 mm. It has four reinforcement bars: two top bars (2 Ø 10 / bm = 5.28m), two bottom bars (2 Ø 10 / bm = 5.28m), and two side bars (2 Ø 10 / L=1.39m).

Technical drawing of a rectangular reinforced concrete slab. The overall dimensions are 380 (width) by 250 (depth). The slab has a central rectangular opening with a width of 160 and a depth of 220. The reinforcement details are as follows:

- Top reinforcement: 2 \varnothing B 12 (circled 10) and 18 \varnothing B 8 á200 (circled 5).
- Bottom reinforcement: 2 \varnothing B 16 (circled 9).
- Side reinforcement: 18 \varnothing 8 L=1.18m (circled 5).
- Top reinforcement (right side): 2 \varnothing 12 L=4.00m (circled 10) and 2 \varnothing 16 L=4.00m (circled 9).

Technical drawing of a reinforced concrete slab and column. The slab is 250mm wide and 380mm high. It has 2 top bars (2 ø B 10), 1 bottom bar (1 47 ø B 6 à 250), and 2 bottom bars (2 ø B 10). The column is 190mm wide and 320mm high. It has 2 top bars (2 ø 10 / bm = 25.74m) and 2 bottom bars (2 ø 10 / bm = 25.74m). The column has 1 longitudinal bar (1 47 ø 6 L=1.19m).

Technical drawing of a rectangular building facade with a gabled roof. The drawing shows the front elevation with dimensions and material specifications.

Dimensions:

- Overall width: 2100
- Overall height: 2200
- Roof height: 100
- Roof slope: 100:320
- Roof width: 195
- Roof depth: 100
- Roof thickness: 8
- Roof width (inner): 195
- Roof depth (inner): 100
- Roof thickness (inner): 8
- Roof width (outer): 2100
- Roof depth (outer): 2100
- Roof thickness (outer): 8
- Roof width (inner, bottom): 195
- Roof depth (inner, bottom): 100
- Roof thickness (inner, bottom): 8
- Roof width (outer, bottom): 2100
- Roof depth (outer, bottom): 2100
- Roof thickness (outer, bottom): 8

Material Specifications:

- Roof structure: 8 Ø B 12, 8 Ø B 8, 2 Ø B 16, 8 Ø B 1.18m
- Main body structure: 2 Ø B 12, 2 Ø B 16, 8 Ø B 8, 8 Ø B 1.18m

Diagram a: Dimensions: 320, 190, 100, 100, 100. Calculation: 1) $239 \text{ } \varnothing 6 \text{ L} = 1.19 \text{ m}$

Diagram b: Dimensions: 320, 140, 100, 100, 140. Calculation: 4) $112 \text{ } \varnothing 6 \text{ L} = 1.09 \text{ m}$

Diagram c: Dimensions: 235, 190, 100, 100, 100. Calculation: 6) $38 \text{ } \varnothing 6 \text{ L} = 1.02 \text{ m}$

Diagram d: Dimensions: 570, 190, 100, 100, 100. Calculation: 11) $38 \text{ } \varnothing 6 \text{ L} = 1.69 \text{ m}$

Diagram e: Dimensions: 420, 190, 100, 100, 100. Calculation: 2) $\varnothing 10 / \text{bm} = 524.04 \text{ m}$

Diagram f: Dimensions: 320, 195, 100, 100, 100. Calculation: 5) $26 \text{ } \varnothing 8 \text{ L} = 1.18 \text{ m}$

č.	Φ	délka [m]	počet kusov celkom	délka celkom [m]				
				B500B				
				B6	B8	B10	B12	B16
1	B6	1,19	239	283,22				
2	B10	Rv	1			524,04		
3	B6	1,39	10	13,85				
4	B6	1,09	112	121,52				
5	B8	1,18	26		30,55			
6	B6	1,02	38	38,57				
7	B16	2,10	2					4,20
8	B12	2,10	2				4,20	
9	B16	4,00	2					8,00
10	B12	4,00	2				8,00	
11	B6	1,69	38	64,03				
celkom		m (m ²)		521,19	30,55	524,04	12,20	12,20
		kg/m (kg/m ²)		0,222	0,395	0,617	0,888	1,580
		kg		115,70	12,07	323,33	10,83	19,28
		kg		481,21				

- POLOHA VÝSTUŽE V REZE A POHĽADE
JE KÓTOVANÁ NA OS PRŮTOV
- CELKOVÝ VÝŤAH PRŮTOV JE KÓTOVANÝ
NA VONKAJŠÍ POVRCH
- CELKOVÁ DĚLKA PRŮTA JE STRIŽNÁ DĚLKA
- ČÍARKOVANÝ KRÚŽOK ČÍSLO POLOŽKY
SYMBOLIZUJE DIELČÍ VÝŤAH VÝSTUŽE
- PLNÝ KRÚŽOK SYMBOLIZUJE CELKOVÝ
VÝŤAH VÝSTUŽE
- KRYTIE VÝSTUŽE JE SMERODAJNÉ PRE STRMEŇ: 30MM

POUŽITÉ MATERIÁLY:

BETÓN - C35/45

BETÓN STN EN 206-1 - C35/45 - XC1(SK) - CL 0,4 - Dmax 16 - S3

BETONÁRSKA VÝSTUŽ B 500B

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AKCIA: UNM Dostavba 6. pavilónu ČASŤ: OBJEKT:			FORMÁT:	2.00 x A4
			DÁTUM:	21. decembra 2015
			ČÍSLO ZÁKAZKY:	15_389_PUF
			STUPEŇ:	RP
PRÍLOHA: Výkres výstuže prekladov a vencov nad 1.NP			PROFESIA :	Nosné konštrukcie
			MIERKA: 1:50	ČÍSLO PRÍLOHY: 10