

Technical drawing of a reinforced concrete slab (Fig. 10.10). The drawing shows a plan view of a rectangular slab with dimensions 7700 mm by 7600 mm. The slab is supported by a central column and has a total thickness of 2271 mm. The reinforcement consists of top bars (Ø12/150) and bottom bars (Ø16/150). The drawing also shows the cross-section of the slab, indicating the effective depth (d) and the total thickness (h). The reinforcement is shown in a grid pattern with dimensions 150 mm and 450 mm. The drawing is labeled "OCELOVE NOSNIKY 14x550=7700" and "8480".

Technical drawing of a roof connection detail, showing a cross-section and a top view.

**Cross-section details:**

- Roof slope indicated by a dashed line.
- Horizontal connection plate (101) and vertical plate (102) are shown.
- Screw (103) is used to secure the connection.
- Labels: "PRÍVAŘENO" (welded), "OCELOVÝ PRÚT Ø10mm dL500mm; 2ks" (steel rod), "OCELOVÁ DESKA 120x100mm; 1L10mm OPĚTANÉ PROTIKOROZÍO OCHRANOU" (steel plate).
- Dimensions: 100, 60, 19, 120.

**Top view details:**

- Shows the layout of the plates and the position of the screw.
- Dimensions: 60, 60, 120.

POL. Č.	PRVEK	ROZMĚR [mm]	POČET [ks]	HMOTNOST [kg]		MATERIÁL
				1ks	CELKEM	
101	mříčik deska	120/10/100	2	0,98	1,96	S235 JR
102	ocelový prut	ø10/500	4	0,31	1,24	
103	šroub M16	dí.50mm (dílk)	2	0,08	0,16	
104	mátice M16		4	0,10	0,40	
HMOTNOST [kg]				3,76		
SVÁRY 5% [kg]				0,19		
<b>HMOTNOST KONSTRUKČNÍ OCELI CELKEM [kg]</b>				<b>3,95</b>		

[illegible]

Architectural drawing of a building floor plan, showing dimensions and room layouts. The drawing includes a section line A-A and a section line B-B. The title is "VÝTIUŽ PRO DOVÝZTUŽENÍ ROHŮ NK".

Dimensions and room layouts:

- 1-#20, L=9200mm; 125ks
- 2A-#12, L=12000mm; 72ks
- 3-#16, L=9740mm; 125ks
- 4A-#12, L=12000mm; 59ks
- 5-#12, L=2490mm; 1414ks
- 6-#12, L=1295mm; 202ks
- 7-#10, L=915mm; 124ks
- 8-#12, L=2085mm; 60ks
- 9-#12, L=1910mm; 60ks
- 10-#12, L=1920mm; 120ks
- 11-#12, L=1940mm; 1020ks
- 12-#12, L=2600mm; 120ks
- 13-#12, L=1885mm; 60ks
- 14-#12, L=8380mm; 72ks
- 15-#16, L=1500mm; 72ks
- 16-#16, L=2000mm; 44ks

Section lines: A-A, B-B

Title: VÝTIUŽ PRO DOVÝZTUŽENÍ ROHŮ NK

POLOŽKA ČÍSLO	PROFIL (mm)	DELKA (mm)	POŠET (ks)				
				10	12	16	20
2A	12	12000	72	-	864,000	-	1150,000
2B	12	7200	72	-	518,400	-	-
3	16	9740	125	-	-	1217,500	-
4A	12	12000	59	-	708,000	-	-
4B	12	7105	59	-	419,195	-	-
5	12	2490	1414	-	3520,860	-	-
6	12	1295	202	-	261,590	-	-
7	10	915	124	113,460	-	-	-
8	12	2085	60	-	125,100	-	-
9	12	1910	60	-	114,600	-	-
10	12	1920	120	-	230,400	-	-
11	12	1940	1020	-	3978,600	-	-
12	12	2500	120	-	312,000	-	-
13	12	1885	60	-	113,100	-	-
14	12	8390	72	-	603,360	-	-
15	16	1500	72	-	-	108,000	-
16	16	2000	44	-	-	88,000	-
DELKA DE PROFILU	(m)			113,46	9769,41	1431,50	1150,00
HMŇOSTI DE profilu	(kg)			0,617	0,888	1,578	2,466
HMŇOSTI DE 1bm	(kg)			70,0	8673,4	2231,0	2836,1
SOUSET					13910		
PROSTIRŇ 5%					691		
HMŇOSTI DE CELKEM	(kg)				14501		

POLSKA CISŁO	PROFIL (mm)	DŁĘKA (mm)	POCET (ks)	DŁĘKA DŁE PROFILU (m)		
				8	12	16
17	16	2100	125	-	-	338,750
18	16	1780	125	-	-	223,750
19	12	1400	125	-	-	175
20	12	1095	125	-	-	136,875
21	12	1135	125	-	-	141,875
22	16	1810	125	-	-	226,250
23	8	820	625	512,500	-	-
24A	12	6280	38	-	238,64	-
24B	12	5900	19	-	112,1	-
DŁĘKA DŁE PROFILU (m)				512,50	804,49	788,75
HMIOTNOST 1hm [kg]				0,395	0,888	1,578
HMIOTNOST DŁE PROFILU [kg]				202,2	712,42	1244,9
SQUSET [kg]				-	216	-
PROSTIRN 5% [kg]				-	108	-
HMIOTNOST CELKEM [kg]				-	2269	-

[illegible]