

Diagram of a continuous beam with three spans. The beam is supported by four pin supports. The spans are labeled with lengths: $L_{01}=6390$, $L_{02}=6600$, and $L_{03}=6390$. There are two vertical loads ($V=246,985$) and two horizontal loads ($G=73,625$) on each span. The horizontal loads are applied at the supports. The beam is labeled with '4', '5', and '6' at the supports.

The diagram shows a continuous beam with four supports. The beam is divided into four segments by three intermediate supports. The first and last segments have a length of $L_{01} = 5925$ mm, and the two middle segments have a length of $L_{02} = 6400$ mm. A uniformly distributed load $g = 9,97$ kN/m is applied downwards along the entire length of the beam. A reaction force $v = 37,422$ kN is indicated at the second support from the left. The beam is labeled with '1', '2', and '3' at the top and bottom, corresponding to the supports.

The drawing illustrates a symmetrical roof truss system. Key components include:

- Trusses:** Labeled as "Вис симетрич" (Symmetrical Ridge).
- Dimensions:** Total width is 6000 mm. Individual bay widths are 1820 mm and 3970 mm. Vertical dimensions include 280 mm for eaves overhangs.
- Material Specifications:** Various steel profiles are specified, such as $\angle 40 \times 20$, $\angle 20 \times 22$, and $\angle 20 \times 20$, along with their corresponding mass values (Mu) in kg/m.
- Connections:** Detailed views of gusset plate connections between truss members are shown at various points.
- Labels:** Numerous numerical labels indicate specific dimensions, masses, and component identifiers throughout the assembly.

Technical drawing of a rectangular reinforced concrete slab (Kp-2). The drawing shows the slab's dimensions and reinforcement details. The overall width is 216 units, and the overall height is 540 units. The slab is supported by walls on all four sides. The reinforcement consists of top bars (Kp-2) and bottom bars (Kp-300). The dimensions are as follows: 40 units for the top wall thickness, 70 units for the bottom wall thickness, 30 units for the side wall thickness, 120 units for the slab width, and 130 units for the slab height. The reinforcement is labeled Kp-2 and Kp-300.

Примітки:

1. Даний аркуш читати разом з арк. 1 і 3
2. Район будівництва - м. Одеса
3. Зварювання стержнів виконувати за ДСТУ Б.В.2.6-169:2011-К1-Кт

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Поз.	Позначення	Найменування	Кіл.	Маса од., кг	Примітки
		<u>Другорядна балка</u>			
		<u>Складальні одиниці</u>			
1		КР -1	4	61,59	246,36
2		КР -2	4	71,14	284,56
3		С -1	4	11,14	44,56
4		С -2	4	5,15	20,6
		<u>Матеріал</u>			
		Бетон класу С 25/30			1,98 м ³
		<u>Головна балка</u>			
		<u>Деталі</u>			
18		Ø22 А 400 С ДСТУ 3760:2006 l=6190	4	18,47	73,88
19		Ø22 А 400 С ДСТУ 3760:2006 l=6160	2	18,38	36,76
20		Ø22 А 400 С ДСТУ 3760:2006 l=4910	4	14,65	58,6
21		Ø20 А 400 С ДСТУ 3760:2006 l=8320	2	20,517	41,034
22		Ø22 А 400 С ДСТУ 3760:2006 l=7490	4	22,35	89,4
23		Ø22 А 400 С ДСТУ 3760:2006 l=1820	2	5,43	10,86
24		Ø12 А 400 С ДСТУ 3760:2006 l=3940	4	3,5	14
25		Ø20 А 400 С ДСТУ 3760:2006 l=5100	4	12,57	50,3
26		Ø8 А 400 С ДСТУ 3760:2006 l=655	32	0,259	8,279
27		Ø10 А 400 С ДСТУ 3760:2006 l=655	21	0,4	8,49
28		Ø12 А 240 С ДСТУ 3760:2006 l=655	22	0,58	12,79
		<u>Матеріал</u>			
		Бетон класу С 25/30			3,4 м ³

Марка виробу	Позиція	Найменування	Кількість	Маса деталі, кг	виробу, кг
КР-1	4	φ20А400С, ДСТУ 3760:2006, L = 5930	2	29,25	61,59
	5	φ20А400С, ДСТУ 3760:2006, L = 3800	2	18,74	
	6	φ10А400С, ДСТУ 3760:2006, L = 5930	2	7,32	
	7	φ8А400С, ДСТУ 3760:2006, L = 360	39	5,55	
	8	φ6А240С, ДСТУ 3760:2006, L = 110	30	0,73	
КР-2	9	φ18А400С, ДСТУ 3760:2006, L = 6380	2	25,49	71,14
	10	φ16А400С, ДСТУ 3760:2006, L = 4200	2	13,26	
	11	φ18А400С, ДСТУ 3760:2006, L = 6380	2	25,5	
	12	φ8А400С, ДСТУ 3760:2006, L = 360	43	6,11	
	13	φ6А240С, ДСТУ 3760:2006, L = 110	32	0,78	
С1	14	φ4В500 ДСТУ 3760:2006, L = 840	11	0,91	11,14
	15	φ8А400С, ДСТУ 3760:2006, L = 3700	7	10,23	
С2	16	φ4В500 ДСТУ 3760:2006, L = 840	9	0,75	5,15
	17	φ6А400С, ДСТУ 3760:2006, L = 3300	6	4,4	

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