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Technical drawing of a reinforced concrete beam cross-section and longitudinal section.

**Cross-section (top):** A rectangular beam with a width of 2400 mm and a height of 160 mm. It contains 6 Ø8 reinforcement bars: 2 at the top and 4 at the bottom.

**Longitudinal section (bottom):** A beam with a total length of 2360 mm. It features 5 x 220 mm segments at each end and a central segment of 100 mm. The reinforcement is 6 Ø8 bars, 2560 mm diameter, 10 ks.

Technical drawing of a reinforced concrete slab cross-section and plan view.

**Plan View (Top):**

- Overall width: 2400 mm (divided into two 1200 mm sections).
- Overall height: 1235 mm (divided into 240 mm, 200 mm, 400 mm, 150 mm, and 100 mm segments).
- Reinforcement bars are labeled with circled numbers: 1, 2, 3, 4, 5, 6, 7.
- Bar specifications:  $\varnothing 8/220$  6ks (6 bars per section),  $\varnothing 8/400$  (top and bottom corner bars).
- Dimensions for bar spacing: 1100 mm (main span), 100 mm (offset), and 50 mm (edge offset).

**Cross-Section View (Bottom):**

- Shows the vertical profile of the slab.
- Reinforcement bars are labeled with circled numbers: 1, 2, 3, 4, 5, 6, 7.
- Bar specifications:  $\varnothing 8/220$  6ks (main span bars),  $\varnothing 8/400$  (top and bottom corner bars).
- Dimensions for bar spacing: 1100 mm (main span), 100 mm (offset), and 50 mm (edge offset).

### D4 VÝSTUPNÍ RAMENO

Technical drawing of the D4 output arm (D4 VÝSTUPNÍ RAMENO) showing a plan view and a cross-section C-C'.

**Plan View Dimensions and Callouts:**


- Overall length: 2800 mm
- Overall width: 1600 mm
- Callouts: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806,

The drawing shows a reinforced concrete beam with a rectangular cross-section. The overall width is 1200 mm and the height is 160 mm. The longitudinal view shows a beam with a length of 5 x 220 mm. The beam is reinforced with 8 bars of diameter 16 mm (Ø 16) and 4 bars of diameter 1360 mm (Ø 1360 mm). The reinforcement is arranged in two layers, with 4 bars in the top layer and 4 bars in the bottom layer. The bars are labeled with circled numbers 1 through 8. The beam is supported by two columns, each 100 mm wide. The distance between the columns is 1160 mm. The beam is labeled with the dimensions 1200, 160, 5 x 220, 100, 1160, and the reinforcement details (Ø 16, Ø 1360 mm, 34 ks).

č.	Ø [mm]	DĚLKA [m]	POČET [ks]	DĚLKA DLE Ø [m] Ø 8
1	8	3,600	6	21,600
2	8	3,530	6	21,180
3	8	5,200	6	31,200
4	8	4,800	6	28,800
5	8	0,940	18	16,920
6	8	2,560	9	23,040
7	8	1,360	35	47,600
DĚLKA DLE Ø [m]				190,340
JEDNOTKOVÁ HMOTNOST [kg/m]				0,395
HMOTNOST DLE Ø [kg]				75,184
<b>CELKOVÁ HMOTNOST [kg]</b>				<b>75,184</b>

- DISTOL 90 mm

KRYTÍ      C<sub>nom</sub> = 20 mm  
              C<sub>min</sub> = 10 mm

VEDOUcí PRÁCE		STUDENT			<b>VYSOKÉ UČENÍ TECHNICKÉ V BRNĚ</b>  FAKULTA STAVEBNÍ ÚSTAV BETONOVÝCH A ŽELEZOBETONOVÝCH KONSTRUKCÍ Vevří 331/95, 602 00 Brno
Ing. Ivana ŠVARČIKOVÁ Ph.D.		Markéta HRVOLOVÁ			
AKCE				FORMÁT	<b>4 x A4</b>
<b>BAKALÁŘSKÁ PRÁCE</b>  Statické řešení vybraných železobetonových částí objektu				MĚŘÍTKO	<b>1:25</b>
				DATUM	<b>14.5.2014</b>
NÁZEV PŘÍLOHY				ČÍSLO VÝKRESU	P3-02
<b>VÝKRES VÝZTUŽE SCHODIŠTĚ - D2, D3, D4</b>					