

Technical drawing of a reinforced concrete slab cross-section (Figure 1.10). The drawing shows a rectangular slab with dimensions 3785 mm by 2125 mm. It features three horizontal reinforcement bars (1) 1x2Ø8, three vertical reinforcement bars (2) 21Ø6/200, and three diagonal reinforcement bars (3) 34Ø8/500x500. The slab is supported by a wall (4) 8Ø6/300. The drawing includes detailed dimensions for the slab thickness (80 mm), support width (300 mm), and reinforcement spacing (2155 mm). The reinforcement is labeled with numbers 1 through 8 and includes a note '1 HEB 140 - 4190'.

## PODÉLNÝ ŘEZ

3500

1  $\varnothing 8$ ; L=3500mm; 6ks

4150

2  $\varnothing 8$ ; L=4150mm; 2ks

210<sup>9</sup> 250  
5 270

3  $\varnothing 8$ ; L=850mm; 102ks

60 430  
430

4  $\varnothing 6$ ; L=900mm; 48ks

520 520  
80

6  $\varnothing 8$ ; L=1100mm; 84ks

50 110 50

7  $\varnothing 6$ ; L=200mm; 21ks

230 80 60  
230 80 60

8 Tr  $\varnothing 8$ ; L=750mm; 13ks

KRYTÍ 30 mm  
OCEL S235 JR

## VÝPIS OCELOVÝCH PRVKŮ

| OZNAČENÍ PRVKU  | PROFIL, DÉLKA PRVKU [mm] | MATERIÁL | HMOTN. JEDN.<br>[kg/m, kg/m²] | HMOTNOST PRVKU<br>[kg] | POČET KS | HMOTN. CELK.<br>[kg] |
|-----------------|--------------------------|----------|-------------------------------|------------------------|----------|----------------------|
| 1               | HEB 140 – 4190           | S 235    | 33,70                         | 141,20                 | 4        | 564,80               |
| HMOTNOST CELKEM |                          |          |                               |                        | 564,80   |                      |

| Pol                   | Profil |   | Delka<br>[mm] | ks  | 50   |       |
|-----------------------|--------|---|---------------|-----|------|-------|
|                       |        |   |               |     | 6    | 8     |
| *1                    | 50     | 8 | 3500          | 6   |      | 21.0  |
| *2                    | 50     | 8 | 4150          | 2   |      | 8.3   |
| 3                     | 50     | 8 | 850           | 102 |      | 86.7  |
| 4                     | 50     | 6 | 900           | 48  | 43.2 |       |
| 6                     | 50     | 8 | 1100          | 84  |      | 92.4  |
| 7                     | 50     | 6 | 200           | 21  | 4.2  |       |
| 8                     | 50     | 8 | 750           | 13  |      | 9.8   |
| CELKOVÁ DELKA [m]     |        |   |               |     | 47.4 | 218.2 |
| HMOTNOST [kg]         |        |   |               |     | 10.5 | 86.1  |
| CELKOVÁ HMOTNOST [kg] |        |   |               |     | 96.6 |       |

5 2Ø8/300

HEB 140

3 50 NS

NS .... SVARY NOSNÉ

|     |        |    |       |       |      |        |
|-----|--------|----|-------|-------|------|--------|
| Džn | Sit    | ks | Delka | Sírka | kg   | Cel.kg |
| A01 | Q-188A | 6  | 4150  | 2150  | 26.9 | 161.1  |

  

|  |        |   |      |      |      |       |
|--|--------|---|------|------|------|-------|
|  | Q-188A | 6 | 5000 | 2150 | 32.4 | 194.1 |
|--|--------|---|------|------|------|-------|

  

|                  |  |  |  |  |       |
|------------------|--|--|--|--|-------|
| Hmotnost celkem: |  |  |  |  | 194.1 |
|------------------|--|--|--|--|-------|

| REVISION | POPIS / DESCRIPTION | DATUM / DATE |
|----------|---------------------|--------------|
| R01      | ...                 | ...          |
| R02      |                     |              |
| R03      |                     |              |
| R04      |                     |              |
| R05      |                     |              |
| R06      |                     |              |
| R07      |                     |              |
| R08      |                     |              |
| R09      |                     |              |

STAVBA S1 - VĚDECKOTECHNICKÝ PARK

SO 104

SO 103

SO 102

SO 101

objekt IB

objekt III

objekt II

objekt IA

**±0,000 = 385,500 (SO 104)**

SOUŘ. SYSTÉM S-JTSK / GRID SYSTÉM S-JTSK,  
VÝŠKOVÝ SYSTÉM BpV / VERTICAL SYSTEM BpV

SOUŘ. SYSTÉM S-JTSK / GRID SYSTEM S-JTSK,  
VÝŠKOVÝ SYSTÉM BpV / VERTICAL SYSTEM BpV

STROP NAD STROJOVNOU VZT  
objekt IV (SO 104)

|                            |                 |                                  |         |                   |                   |                          |                      |             |  |
|----------------------------|-----------------|----------------------------------|---------|-------------------|-------------------|--------------------------|----------------------|-------------|--|
| DATUM / DATE               |                 | REVIZE / REVISION                |         | MĚŘITKO / SCALE   |                   | POČET / NUMBER A4        |                      | PÁŘE / COPY |  |
| 01/2013                    |                 | 00                               |         | 1 : 50            |                   | 12                       |                      |             |  |
| ČÍSLO DOKUMENTU:           |                 |                                  |         |                   |                   |                          |                      |             |  |
| F1.2 104                   |                 | — 20                             |         | — —               |                   | 0110 00                  |                      |             |  |
| ČÁST / SECTION             | SO. PS / OBJECT | FUNKČNÍ / PROF. DÍL / PART OF B. | P. PART | DĚLENÍ / DIVISION | ČLENĚNÍ / STRUCT. | Č. VÝKRESU / DRAWING NO. | Č. REVIZE / REVISION |             |  |
| NÁZEV SOUBORU / FILE NAME: |                 |                                  |         |                   |                   | 100_KOA_0100             |                      |             |  |