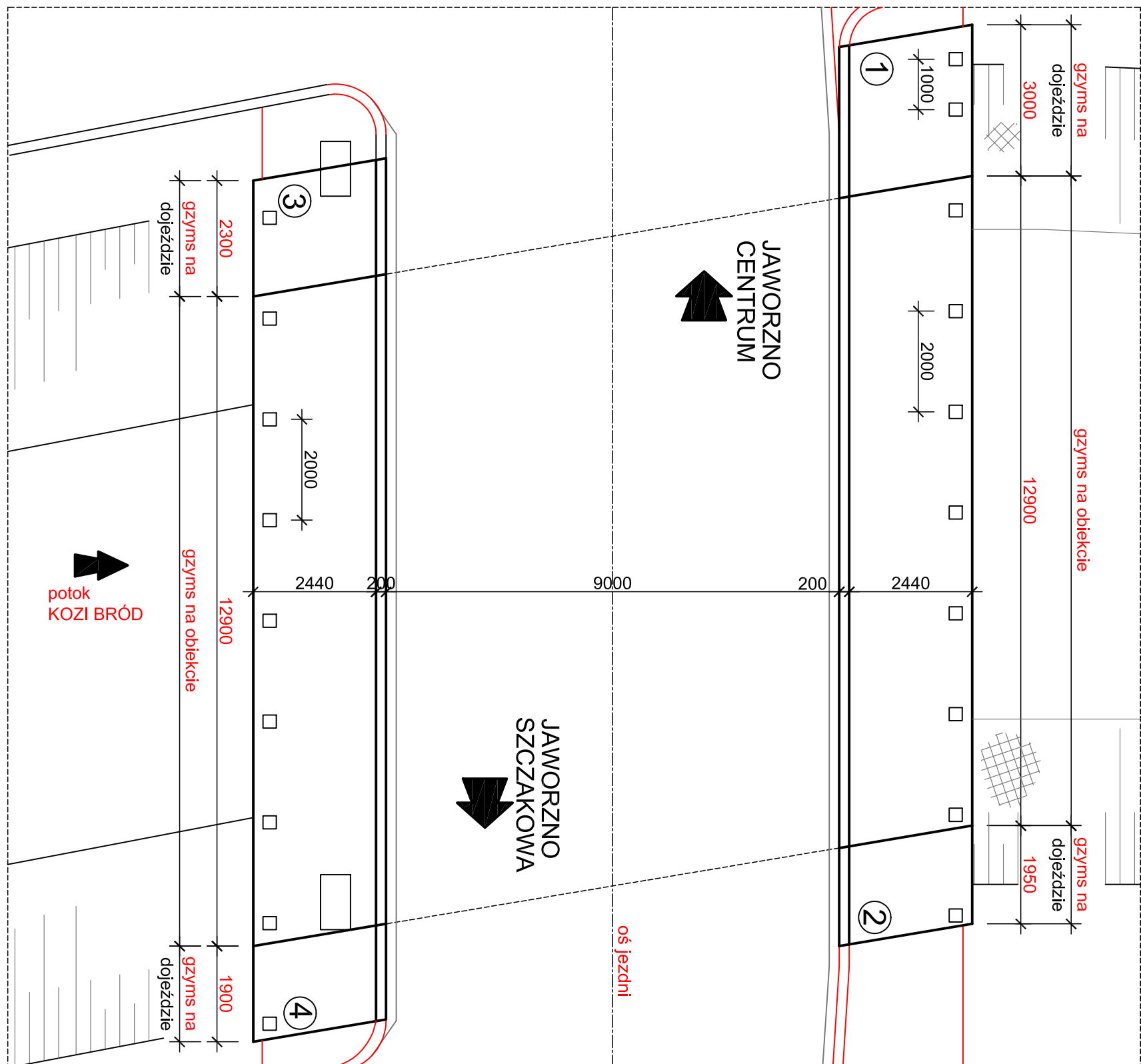
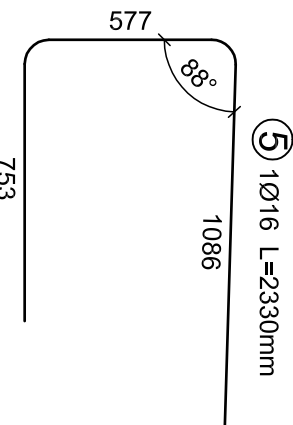
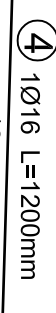
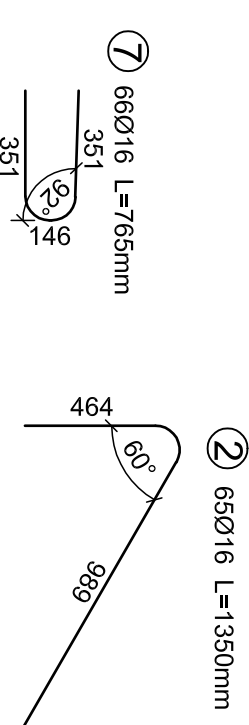
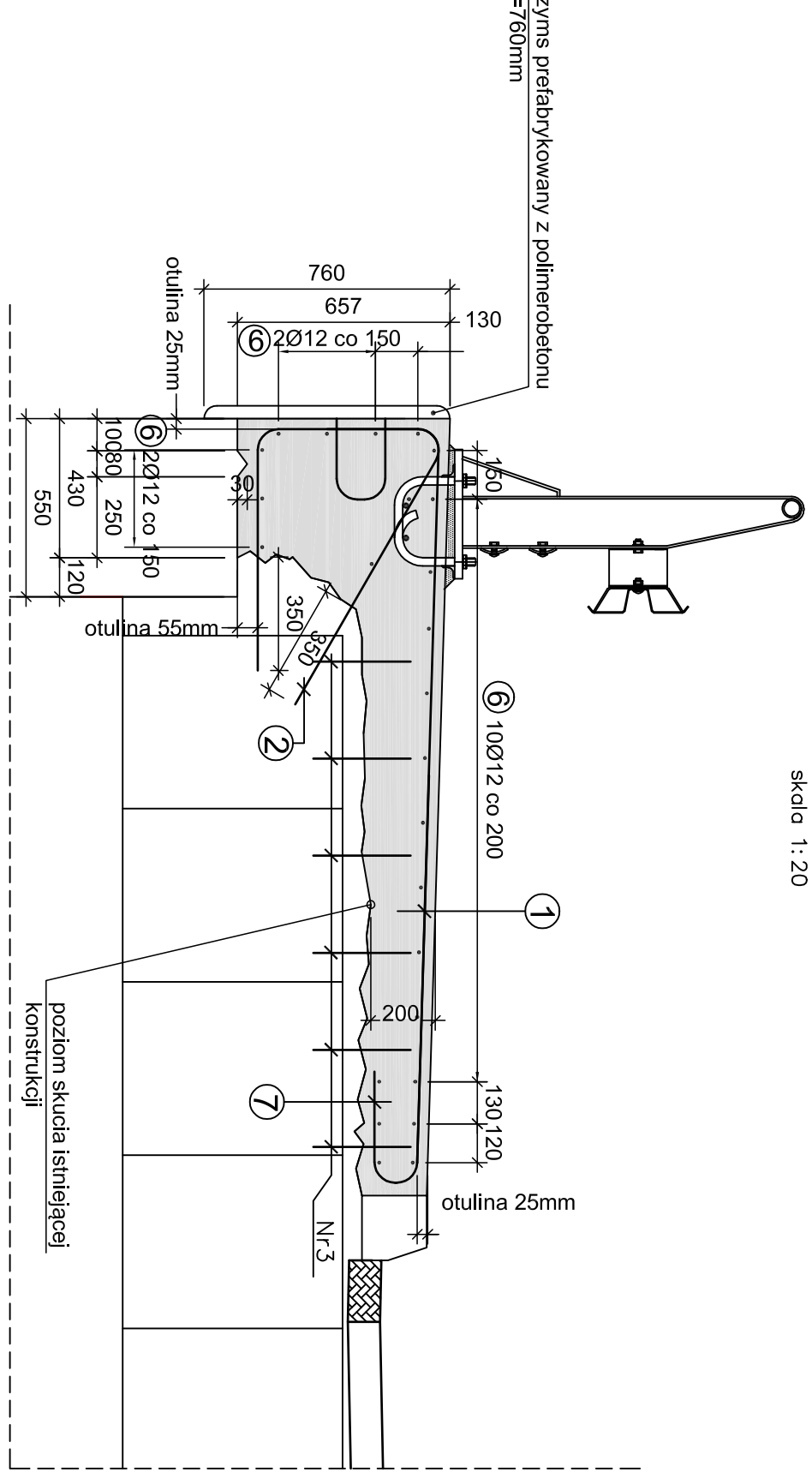


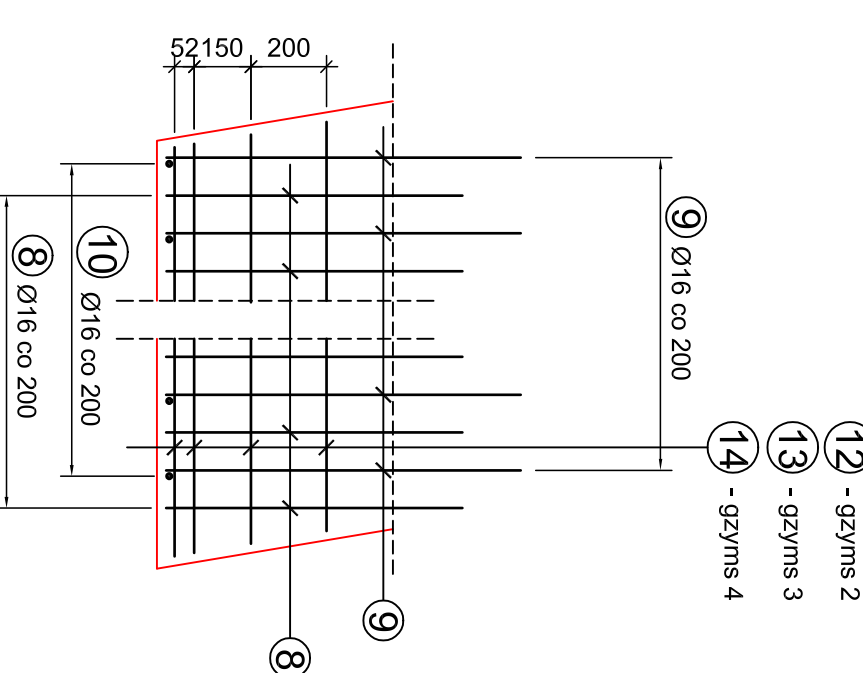
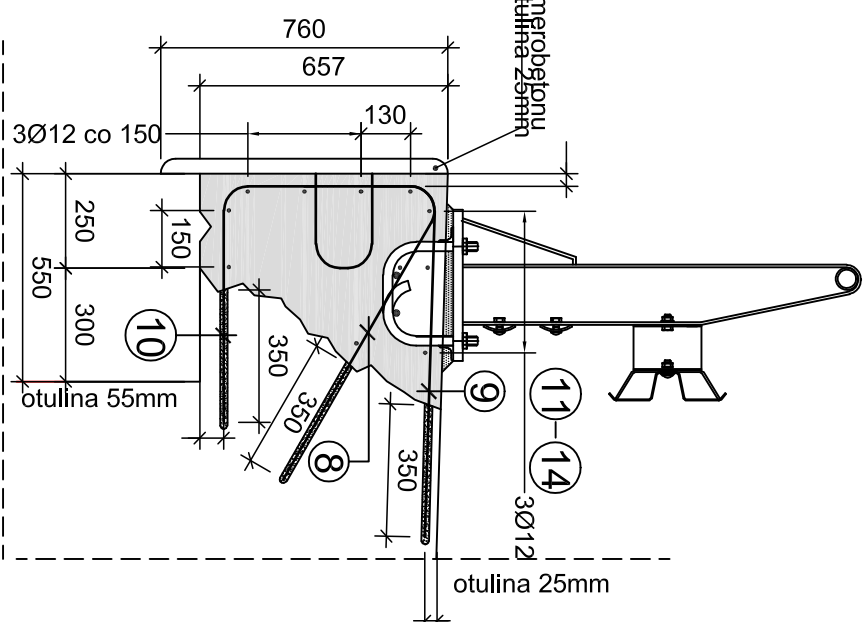
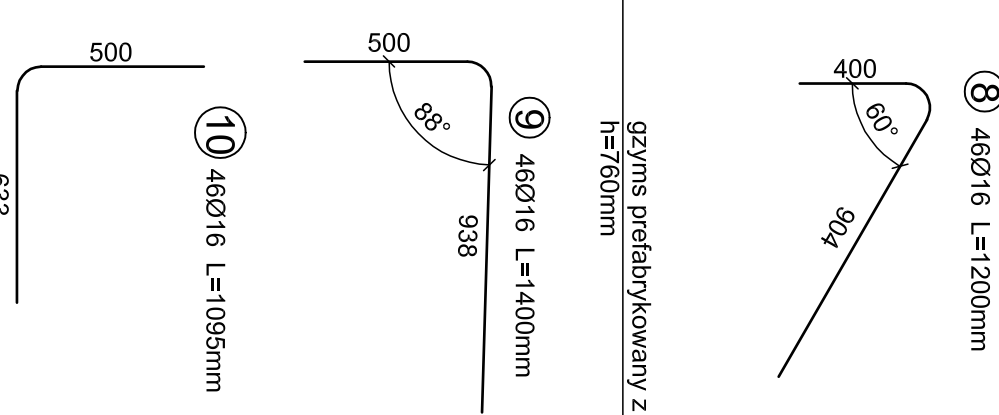
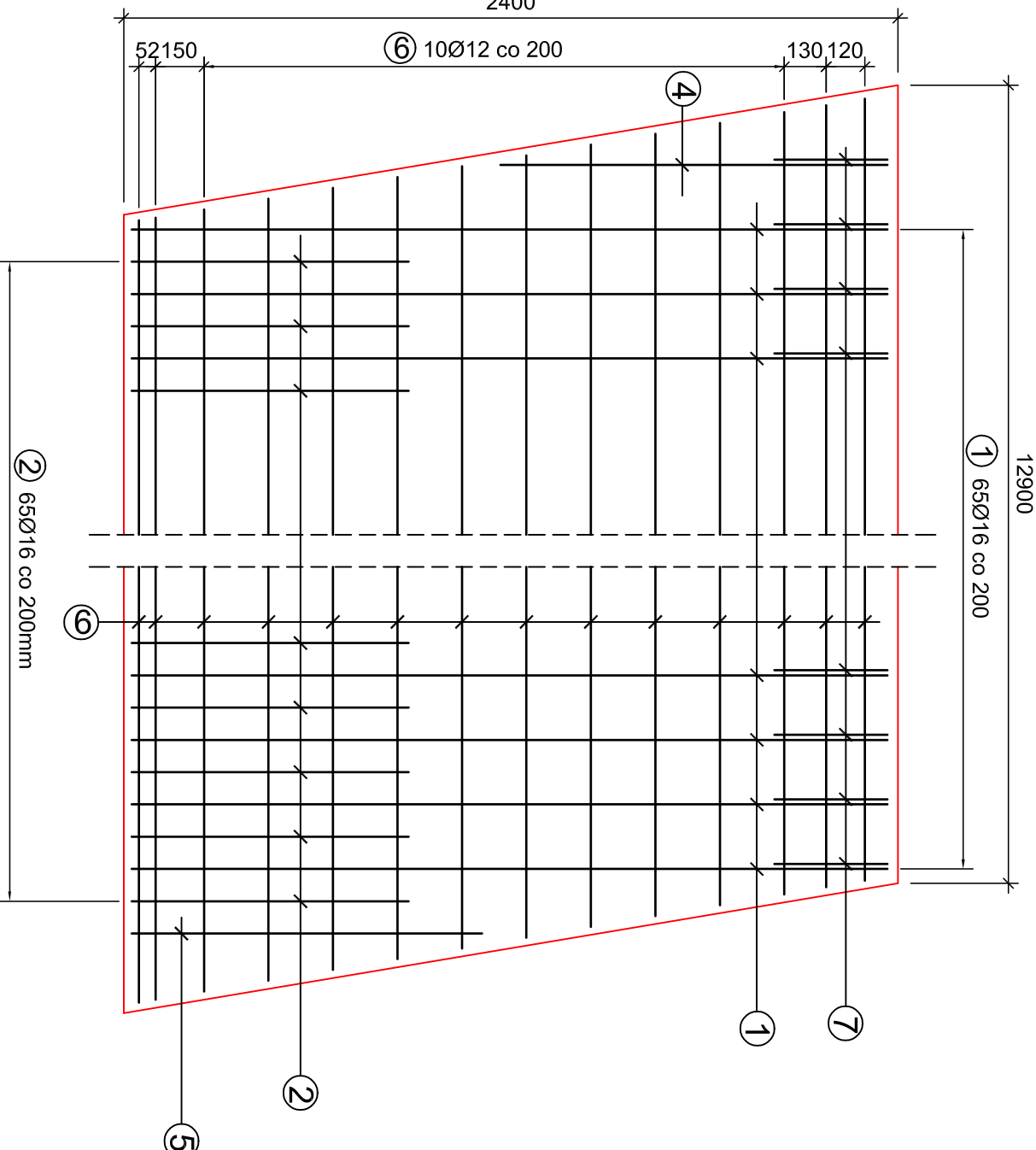
1:100



skala 1:20



## kala 1:20



| <b>ZESTAWIENIE STALY ZBROJOWIOWE - OZYMYS NA OBIEKOCIE</b> |                |                          |                         |                           |        |       |
|--|----------------|--------------------------|-------------------------|---------------------------|--------|-------|
| <b>Nr pręta</b>  | <b>φ pręta</b> | <b>Długość<br/>pręta</b> | <b>Ilość<br/>(szt.)</b> | <b>Długość łączna [m]</b> |        |       |
|  |                |                          |                         | A-III                     | BSt00S |       |
| 1  | [mm]           | [mm]                     | 65                      | 12                        | 16     |       |
| 16   | 3515           |                          | 65                      |                           | 228,5  |       |
| 2  | 16             | 1350                     | 65                      |                           | 87,8   |       |
| 3  | 16             | 300                      | 160                     |                           | 450,0  |       |
| 4  | 16             | 1200                     | 1                       |                           | 1,2    |       |
| 5  | 16             | 2350                     | 1                       |                           | 2,3    |       |
| 6  | 12             | 15600                    | 25                      |                           | 337,3  |       |
| 7  | 16             | 765                      | 66                      |                           | 50,5   |       |
|  |                |                          |                         |                           |        |       |
|  |                |                          |                         |                           |        |       |
|  |                |                          |                         |                           |        |       |
| <b>FALCOWANIE NAZIEM</b>                                   |                |                          |                         |                           |        |       |
| <b>MASA TŁO</b>  |                |                          |                         | [m]                       | 337,3  | 418,2 |
|  |                |                          |                         | [kg/m³]                   | 0,888  | 1,58  |
| <b>MASA RAZEM</b>  |                |                          |                         | [kg]                      | 299,5  | 660,8 |
| <b>MASA OGÓŁEM</b>   |                |                          |                         | [t]                       |        | 960,3 |

|                |         |       |       |       |  |
|----------------|---------|-------|-------|-------|--|
| PLUGOŠĆ PRAZEM | [m]     | 337,3 | 418,2 |       |  |
| MASA 1mb       | [kg/mb] | 0,886 | 1,58  |       |  |
| MASA PRAZEM    | [kg]    | 299,5 | 660,8 |       |  |
| MASA OGOLEM    | [kg]    |       |       | 960,3 |  |

stal: m=2x960,3kg=1921kg

beton: C25/30 (B30); V=2x10m3=20m3

| <b>ZESTAWIENIE STALI ZBROJENOWE - GZYMISY-14</b> |                |                      |                     |                           |       |              |
|--|----------------|----------------------|---------------------|---------------------------|-------|--------------|
| <b>Nr pręta</b>                                  | <b>φ pręta</b> | <b>Długość pręta</b> | <b>Ilość (szt.)</b> | <b>Długość łączna [m]</b> |       |              |
|  |                |                      |                     | <b>A-III BS500S</b>       |       |              |
|  | [mm]           | [mm]                 |                     | 12                        | 16    |              |
| 8  | 16             | 1200                 | 46                  | 55,2                      |       |              |
| 9  | 16             | 1400                 | 46                  | 64,4                      |       |              |
| 10   | 16             | 1095                 | 46                  | 28,5                      |       |              |
| 11   | 12             | 2850                 | 11                  | 32,5                      | 50,4  |              |
| 12   | 12             | 1900                 | 11                  | 20,9                      |       |              |
| 13   | 12             | 2250                 | 11                  | 24,8                      |       |              |
| 14   | 12             | 1850                 | 11                  | 20,4                      |       |              |
|  |                |                      |                     |                           |       |              |
|  |                |                      |                     |                           |       |              |
| <b>DŁUGOŚĆ ŁĄCZNA</b>                            |                |                      |                     |                           |       |              |
|  |                | [m]                  |                     | 99,5                      | 170,0 |              |
| <b>MASA ŁĄCZNA</b>                               |                | [kg/m³]              |                     | 0,898                     | 1,58  |              |
|  |                | [kg]                 |                     | 87,4                      | 269,6 |              |
| <b>MASA OGÓLNA</b>                               |                |                      |                     |                           |       | <b>356,0</b> |

|               |  |  |          |       |       |  |  |  |  |
|---------------|--|--|----------|-------|-------|--|--|--|--|
|               |  |  |          |       |       |  |  |  |  |
| DUODZIŚĆ RZEM |  |  | [m]      | 98.5  | 170.0 |  |  |  |  |
| MASA tmb      |  |  | [kg/tmb] | 0.888 | 1.58  |  |  |  |  |
| MASA RZEM     |  |  | [kg]     | 87.4  | 268.6 |  |  |  |  |
| MMSA OGÓLEM   |  |  | [kg]     |       | 356.0 |  |  |  |  |


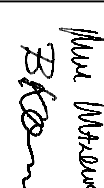
|             |      |      |       |       |  |
|-------------|------|------|-------|-------|--|
| MASA RAZEM  | [kg] | 87,4 | 268,6 |       |  |
| MASA OGÓŁEM | [kg] |      |       | 356,0 |  |

stal: m=356kg=356kg

beton:C25/30 (B30); V=2,8m3

Uwagi:

1. Otulina 25mm;
2. Wymiary prętów podano gabarytowo, tj. po zewnętrznym obrysie;
3. Długości prętów podano po osi.

|   |  |   |  |
|---|--|---|--|
|    |  | autorstkie<br>ASPEKT Sp. z o.o.<br>ul. Chopina 96, 43-600 Jaworzno<br>tel. 32/2511893, fax 32/2039006<br>http://www.aspektkatowice.pl<br>e-mail: info@aspektkatowice.pl |  |
| numer umowy<br>Miejski Zarzqd Drg i Mostw w Jaworznie<br>ul. Krakowska 9, 43-600 Jaworzno   |  | tematyce<br>MZDiM 341-66/2009 z dn. 15.07.2009r.  |  |
| estetyce<br>Remont mostu drogowego nad rzekq Kozi Brd w ciggu drogi powiatowej nr S 6815 km 0+37,0 ul. Jagiellońskiej w Jaworznie |  | Stadium<br>PBW  |  |
| projekt<br>Most nad rzekq Kozi Brd w Jaworznie  |  | Stadium<br>PBW  |  |
| uł rysunku<br>Konstrukcja gyzmsw  |  | Nr rysunku<br>M-PBW-05  |  |
| ZESPŁ PROJEKTOWY<br>BRANŻA MOSTOWA  |  | Skia  |  |
| akant:<br>dr inż. Marek WAZDOWSKI<br>mgr inż. Beata KOBYLEC<br>inż. Bartosz REMIS   |  | Nr uprawnień<br>234/89<br>Podpis<br>   |  |
| Data<br>grudzień 2009   |  | 1:20<br>1:100   |  |