

# ZESTAWIENIE STALI

## POZIOM FUNDAMENTÓW

| Nr<br>pręta                  | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |           |      |
|------------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|-----------|------|
|                              | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |           |      |
|                              | [mm]     |    |         |                   |                 |                  |                | Ø 6    | # 8       | # 12 |
| Poz. 0.1.                    |          |    |         |                   |                 |                  |                |        |           |      |
| 1                            |          | 12 | 1.200   | 60                | 1               | 60               |                |        | 720,00    |      |
| 2                            |          | 12 | 112     | 32                | 1               | 32               |                |        | 35,84     |      |
| 3                            |          | 12 | 590     | 122               | 1               | 122              |                |        | 719,80    |      |
| 4                            |          | 12 | 1.170   | 12                | 1               | 12               |                |        | 140,40    |      |
| 5                            |          | 12 | 95      | 118               | 1               | 118              |                |        | 112,10    |      |
| 6                            |          | 12 | 49      | 241               | 1               | 241              |                |        | 118,09    |      |
| 7                            |          | 12 | 51      | 73                | 1               | 73               |                |        | 37,23     |      |
| 8                            |          | 12 | 70      | 75                | 1               | 75               |                |        | 52,50     |      |
| 9                            | 6        |    | 138     | 77                | 1               | 77               | 106,26         |        |           |      |
| RAZEM Poz. 0.1. wg średnic   |          |    |         |                   |                 |                  | 106,26         |        | 1.395,96  |      |
| Poz. 0.2.1.                  |          |    |         |                   |                 |                  |                |        |           |      |
| 1                            |          | 12 | 1.200   | 154               | 1               | 154              |                |        | 1.848,00  |      |
| 2                            |          | 12 | 420     | 120               | 1               | 120              |                |        | 504,00    |      |
| 3                            |          | 12 | 919     | 80                | 1               | 80               |                |        | 735,20    |      |
| 4                            |          | 12 | 169     | 52                | 1               | 52               |                |        | 87,88     |      |
| 5                            |          | 12 | 1.195   | 108               | 1               | 108              |                |        | 1.290,60  |      |
| 6                            |          | 12 | 358     | 90                | 1               | 90               |                |        | 322,20    |      |
| 7                            |          | 12 | 1.200   | 62                | 1               | 62               |                |        | 744,00    |      |
| 8                            |          | 12 | 194     | 62                | 1               | 62               |                |        | 120,28    |      |
| 9                            |          | 12 | 1.200   | 312               | 1               | 312              |                |        | 3.744,00  |      |
| 10                           |          | 12 | 1.189   | 58                | 1               | 58               |                |        | 689,62    |      |
| 11                           |          | 12 | 980     | 2                 | 1               | 2                |                |        | 19,60     |      |
| 12                           |          | 12 | 742     | 2                 | 1               | 2                |                |        | 14,84     |      |
| 13                           |          | 12 | 503     | 2                 | 1               | 2                |                |        | 10,06     |      |
| 14                           |          | 12 | 264     | 2                 | 1               | 2                |                |        | 5,28      |      |
| 15                           |          | 12 | 340     | 40                | 1               | 40               |                |        | 136,00    |      |
| 16                           |          | 12 | 960     | 12                | 1               | 12               |                |        | 115,20    |      |
| 17                           |          | 12 | 30      | 2                 | 1               | 2                |                |        | 0,60      |      |
| 18                           |          | 12 | 153     | 2                 | 1               | 2                |                |        | 3,06      |      |
| 19                           |          | 12 | 276     | 2                 | 1               | 2                |                |        | 5,52      |      |
| 20                           |          | 12 | 399     | 2                 | 1               | 2                |                |        | 7,98      |      |
| 21                           |          | 12 | 521     | 2                 | 1               | 2                |                |        | 10,42     |      |
| 22                           |          | 12 | 599     | 124               | 1               | 124              |                |        | 742,76    |      |
| 23                           |          | 12 | 49      | 194               | 1               | 194              |                |        | 95,06     |      |
| 24                           |          | 12 | 51      | 406               | 1               | 406              |                |        | 207,06    |      |
| 25                           | 6        |    | 138     | 523               | 1               | 523              | 271,74         |        |           |      |
| RAZEM Poz. 0.2.1. wg średnic |          |    |         |                   |                 |                  | 271,74         |        | 11.459,22 |      |
| Poz. 0.2.2.                  |          |    |         |                   |                 |                  |                |        |           |      |
| 1                            |          | 12 | 1.200   | 94                | 1               | 94               |                |        | 1.128,00  |      |
| 2                            |          | 12 | 368     | 60                | 1               | 60               |                |        | 220,80    |      |
| 3                            |          | 12 | 1.167   | 10                | 1               | 10               |                |        | 116,70    |      |
| 4                            |          | 12 | 802     | 24                | 1               | 24               |                |        | 192,48    |      |
| 5                            |          | 12 | 867     | 10                | 1               | 10               |                |        | 86,70     |      |
| 6                            |          | 12 | 946     | 6                 | 1               | 6                |                |        | 56,76     |      |
| 7                            |          | 12 | 367     | 18                | 1               | 18               |                |        | 66,06     |      |
| 8                            |          | 12 | 334     | 6                 | 1               | 6                |                |        | 20,04     |      |
| 9                            |          | 12 | 1.189   | 88                | 1               | 88               |                |        | 1.046,32  |      |
| 10                           |          | 12 | 366     | 38                | 1               | 38               |                |        | 139,08    |      |
| 11                           |          | 12 | 1.039   | 64                | 1               | 64               |                |        | 664,96    |      |
| 12                           |          | 12 | 230     | 40                | 1               | 40               |                |        | 92,00     |      |
| 13                           |          | 12 | 1.200   | 118               | 1               | 118              |                |        | 1.416,00  |      |
| 14                           |          | 12 | 120     | 116               | 1               | 116              |                |        | 139,20    |      |

| Nr<br>pręta                  | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |        |          |     |
|------------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|--------|----------|-----|
|                              | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |        |          |     |
|                              | [mm]     |    |         |                   |                 |                  |                | [cm]   | [szt.] |          | Ø 6 |
| 15                           |          | 12 | 160     | 2                 | 1               | 2                |                |        |        | 3,20     |     |
| 16                           |          | 12 | 1.159   | 122               | 1               | 122              |                |        |        | 1.413,98 |     |
| 17                           |          | 12 | 51      | 126               | 1               | 126              |                |        |        | 64,26    |     |
| 18                           |          | 12 | 49      | 202               | 1               | 202              |                |        |        | 98,98    |     |
| 19                           | 6        |    | 138     | 309               | 1               | 309              | 426,42         |        |        |          |     |
| RAZEM Poz. 0.2.2. wg średnic |          |    |         |                   |                 |                  | 426,42         |        |        | 6.965,52 |     |
| Poz. 0.3.                    |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 935     | 12                | 1               | 12               |                |        |        | 140,25   |     |
| 2                            |          | 12 | 130     | 38                | 1               | 38               |                |        |        | 49,40    |     |
| 3                            | 6        |    | 160     | 63                | 1               | 63               | 100,80         |        |        |          |     |
| 4                            | 6        |    | 192     | 63                | 1               | 63               | 120,96         |        |        |          |     |
| RAZEM Poz. 0.3. wg średnic   |          |    |         |                   |                 |                  | 221,76         |        |        | 189,65   |     |
| Poz.0.4.                     |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 195     | 3                 | 11              | 33               |                |        |        | 64,35    |     |
| 2                            |          | 12 | 88      | 3                 | 11              | 33               |                |        |        | 29,04    |     |
| 3                            |          | 12 | 172     | 1                 | 11              | 11               |                |        |        | 18,92    |     |
| 4                            |          | 12 | 138     | 1                 | 11              | 11               |                |        |        | 14,18    |     |
| 5                            | 6        |    | 158     | 6                 | 11              | 66               | 104,28         |        |        |          |     |
| RAZEM Poz. 0.4. wg średnic   |          |    |         |                   |                 |                  | 104,28         |        |        | 127,49   |     |
| Poz.0.5.                     |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 996     | 3                 | 1               | 3                |                |        |        | 29,88    |     |
| 2                            |          | 12 | 918     | 2                 | 1               | 2                |                |        |        | 18,36    |     |
| 3                            |          | 12 | 918     | 3                 | 1               | 3                |                |        |        | 27,54    |     |
| 4                            | 6        |    | 142     | 62                | 1               | 62               | 88,04          |        |        |          |     |
| RAZEM Poz. 0.5. wg średnic   |          |    |         |                   |                 |                  | 88,04          |        |        | 75,78    |     |
| Poz.0.6.                     |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 180     | 6                 | 6               | 36               |                |        |        | 64,80    |     |
| 2                            | 6        |    | 138     | 4                 | 6               | 24               | 33,12          |        |        |          |     |
| 3                            | 6        |    | 136     | -                 | -               | 16               | 21,76          |        |        |          |     |
| RAZEM Poz. 0.6. wg średnic   |          |    |         |                   |                 |                  | 54,88          |        |        | 64,80    |     |
| Poz.0.7.                     |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 240     | 4                 | 6               | 24               |                |        |        | 57,60    |     |
| 2                            | 6        |    | 92      | 11                | 6               | 66               | 60,72          |        |        |          |     |
| 3                            | 6        |    | 136     | 6                 | 6               | 36               | 48,96          |        |        |          |     |
| RAZEM Poz. 0.7. wg średnic   |          |    |         |                   |                 |                  | 109,68         |        |        | 57,60    |     |
| Poz.0.8.                     |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 240     | 4                 | 1               | 4                |                |        |        | 9,60     |     |
| 2                            | 6        |    | 92      | 11                | 1               | 11               | 10,12          |        |        |          |     |
| 3                            | 6        |    | 136     | 6                 | 1               | 6                | 8,16           |        |        |          |     |
| RAZEM Poz. 0.8. wg średnic   |          |    |         |                   |                 |                  | 18,28          |        |        | 9,60     |     |
| Poz.0.9.                     |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 240     | 4                 | 2               | 8                |                |        |        | 19,20    |     |
| 2                            | 6        |    | 92      | 11                | 2               | 22               | 20,24          |        |        |          |     |
| 3                            | 6        |    | 136     | 6                 | 2               | 12               | 16,32          |        |        |          |     |
| RAZEM Poz. 0.9. wg średnic   |          |    |         |                   |                 |                  | 36,56          |        |        | 19,20    |     |
| Poz.0.10.                    |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 180     | 4                 | 5               | 20               |                |        |        | 36,00    |     |
| 2                            | 6        |    | 92      | 7                 | 5               | 35               | 32,20          |        |        |          |     |
| 3                            | 6        |    | 136     | 4                 | 5               | 20               | 27,20          |        |        |          |     |
| RAZEM Poz. 0.10. wg średnic  |          |    |         |                   |                 |                  | 59,40          |        |        | 36,00    |     |
| Poz.0.11.                    |          |    |         |                   |                 |                  |                |        |        |          |     |
| 1                            |          | 12 | 180     | 4                 | 2               | 8                |                |        |        | 14,40    |     |
| 2                            | 6        |    | 92      | 7                 | 2               | 14               | 12,88          |        |        |          |     |
| 3                            | 6        |    | 136     | 4                 | 2               | 8                | 10,88          |        |        |          |     |
| RAZEM Poz. 0.11. wg średnic  |          |    |         |                   |                 |                  | 23,76          |        |        | 14,40    |     |

| Nr<br>pręta                         | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |           |       |
|-------------------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|-----------|-------|
|                                     | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |           |       |
|                                     | [mm]     |    |         |                   |                 |                  |                | [cm]   | [szt.]    |       |
| Poz.0.12.                           |          |    |         |                   |                 |                  |                |        |           |       |
| 1                                   |          | 12 | 190     | 10                | 1               | 10               |                |        | 19,00     |       |
| 2                                   | 6        |    | 126     | 7                 | 1               | 7                | 8,82           |        |           |       |
| 3                                   |          | 12 | 215     | 14                | 1               | 14               |                |        | 30,10     |       |
| 4                                   | 6        |    | 190     | 4                 | 1               | 4                | 7,60           |        |           |       |
| 5                                   |          | 12 | 190     | 4                 | 1               | 4                |                |        | 7,60      |       |
| 6                                   | 6        |    | 92      | 7                 | 1               | 7                | 6,44           |        |           |       |
| RAZEM Poz. 0.12. wg średnic         |          |    |         |                   |                 |                  | 22,86          |        | 56,70     |       |
| Poz.0.13.                           |          |    |         |                   |                 |                  |                |        |           |       |
| 1                                   |          | 12 | 185     | 22                | 1               | 22               |                |        | 40,70     |       |
| 2                                   |          | 12 | 200     | 20                | 1               | 20               |                |        | 40,00     |       |
| 3                                   | 6        |    | 124     | 6                 | 1               | 6                | 7,44           |        |           |       |
| RAZEM Poz. 0.13. wg średnic         |          |    |         |                   |                 |                  | 7,44           |        | 80,70     |       |
| Długość ogólna wg średnic [m]       |          |    |         |                   |                 |                  | 1.551,36       |        | 20.552,62 |       |
| Masa 1 pręta [kg]                   |          |    |         |                   |                 |                  | 0,222          | 0,395  | 0,888     | 1,580 |
| Masa prętów wg średnic [kg]         |          |    |         |                   |                 |                  | 344,40         |        | 18.250,73 |       |
| Masa całkowita wg gatunku stali[kg] |          |    |         |                   |                 |                  | 344,40         |        | 18.250,73 |       |

## ZESTAWIENIE STALI

### POZIOM STROPU NAD PARTEREM

| Nr<br>pręta                 | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |        |       |
|-----------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|--------|-------|
|                             | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |        |       |
|                             | [mm]     |    |         |                   |                 |                  |                | Ø 6    | # 8    | # 12  |
| Poz. 1.1.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 16 | 533     | 5                 | 1               | 5                |                |        |        | 26,65 |
| 2                           | 6        |    | 132     | 60                | 1               | 60               | 79,20          |        |        |       |
| 3                           | 6        |    | 533     | 1                 | 1               | 1                | 5,33           |        |        |       |
| RAZEM Poz. 1.1. wg średnic  |          |    |         |                   |                 |                  | 84,53          |        |        | 26,65 |
| Poz. 1.2.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 16 | 517     | 5                 | 1               | 5                |                |        |        | 25,85 |
| 2                           | 6        |    | 132     | 44                | 1               | 44               | 58,08          |        |        |       |
| 3                           | 6        |    | 517     | 1                 | 1               | 1                | 5,17           |        |        |       |
| RAZEM Poz. 1.2. wg średnic  |          |    |         |                   |                 |                  | 63,25          |        |        | 25,85 |
| Poz. 1.3.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 16 | 517     | 4                 | 1               | 4                |                |        |        | 20,68 |
| 2                           | 6        |    | 142     | 26                | 1               | 26               | 36,92          |        |        |       |
| RAZEM Poz. 1.3. wg średnic  |          |    |         |                   |                 |                  | 36,92          |        |        | 20,68 |
| Poz. 1.4.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 450     | 6                 | 6               | 36               |                |        | 162,00 |       |
| 2                           | 6        |    | 138     | 22                | 6               | 132              | 182,16         |        |        |       |
| 3                           | 6        |    | 136     | -                 | -               | 60               | 81,60          |        |        |       |
| RAZEM Poz. 1.4. wg średnic  |          |    |         |                   |                 |                  | 263,76         |        | 162,00 |       |
| Poz. 1.5.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 350     | 4                 | 1               | 4                |                |        | 14,00  |       |
| 2                           | 6        |    | 92      | 18                | 1               | 18               | 16,56          |        |        |       |
| RAZEM Poz. 1.5. wg średnic  |          |    |         |                   |                 |                  | 16,56          |        | 14,00  |       |
| Poz. 1.6.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 350     | 4                 | 1               | 4                |                |        | 14,00  |       |
| 2                           | 6        |    | 92      | 18                | 1               | 18               | 16,56          |        |        |       |
| 3                           | 6        |    | 136     | 12                | 1               | 12               | 16,36          |        |        |       |
| RAZEM Poz. 1.6. wg średnic  |          |    |         |                   |                 |                  | 32,92          |        | 14,00  |       |
| Poz. 1.7.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 16 | 103     | 3                 | 1               | 3                |                |        |        | 3,09  |
| 2                           | 6        |    | 142     | 8                 | 1               | 8                | 11,36          |        |        |       |
| RAZEM Poz. 1.7. wg średnic  |          |    |         |                   |                 |                  | 11,36          |        |        | 3,09  |
| Poz. 1.8.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 489     | 2                 | 1               | 2                |                |        | 9,78   |       |
| 2                           |          | 16 | 439     | 4                 | 1               | 4                |                |        |        | 17,56 |
| 3                           | 6        |    | 102     | 26                | 1               | 26               | 26,52          |        |        |       |
| RAZEM Poz. 1.8. wg średnic  |          |    |         |                   |                 |                  | 26,52          |        | 9,78   | 17,56 |
| Poz. 1.9.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 300     | 4                 | 1               | 4                |                |        | 12,00  |       |
| 2                           | 6        |    | 92      | 17                | 1               | 17               | 15,64          |        |        |       |
| RAZEM Poz. 1.9. wg średnic  |          |    |         |                   |                 |                  | 15,64          |        | 12,00  |       |
| Poz. 1.10.                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 259     | 5                 | 1               | 5                |                |        | 12,95  |       |
| 2                           | 6        |    | 142     | 12                | 1               | 12               | 17,04          |        |        |       |
| RAZEM Poz. 1.10. wg średnic |          |    |         |                   |                 |                  | 17,04          |        | 12,95  |       |
| Poz. 1.11.                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 139     | 2                 | 1               | 2                |                |        | 2,78   |       |
| 2                           | 6        |    | 142     | 8                 | 1               | 8                | 11,36          |        |        |       |
| RAZEM Poz. 1.11. wg średnic |          |    |         |                   |                 |                  | 11,36          |        | 2,78   |       |
| Poz. 1.12.0. + Poz. 1.12.1. |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 126     | 10                | 2               | 20               |                |        | 25,20  |       |
| 2                           | 6        |    | 178     | 9                 | 2               | 18               | 32,04          |        |        |       |

| Nr<br>pręta                                  | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |        |        |       |
|--|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|--------|--------|-------|
|  | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |        |        |       |
|  | [mm]     |    |         |                   |                 |                  |                | [cm]   | [szt.] |        | Ø 6   |
| 3  |          | 12 | 507     | 10                | 2               | 20               |                |        |        | 101,40 |       |
| 4  |          | 12 | 217     | 10                | 2               | 20               |                |        |        | 43,40  |       |
| 5  | 6        |    | 126     | 10                | 2               | 20               | 25,20          |        |        |        |       |
| 6  | 6        |    | 272     | 10                | 2               | 20               | 54,40          |        |        |        |       |
| 7  |          | 12 | 146     | 10                | 2               | 20               |                |        |        | 29,20  |       |
| 8  |          | 12 | 550     | 10                | 2               | 20               |                |        |        | 110,00 |       |
| 9  |          | 12 | 257     | 10                | 2               | 20               |                |        |        | 51,40  |       |
| 10   | 6        |    | 126     | 16                | 2               | 32               | 40,32          |        |        |        |       |
| RAZEM Poz. 1.12.0. + Poz. 1.12.1. wg średnic |          |    |         |                   |                 |                  | 151,96         |        |        | 360,60 |       |
| Poz. 1.12.2.                                 |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 12 | 118     | 24                | 2               | 48               |                |        |        | 56,64  |       |
| 2  |          | 12 | 336     | 12                | 2               | 24               |                |        |        | 80,64  |       |
| 3  | 6        |    | 180     | 6                 | 2               | 12               | 21,60          |        |        |        |       |
| RAZEM Poz. 1.12.2. wg średnic                |          |    |         |                   |                 |                  | 21,60          |        |        | 137,28 |       |
| Poz. 1.13.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 12 | 350     | 4                 | 2               | 8                |                |        |        | 28,00  |       |
| 2  | 6        |    | 92      | 16                | 2               | 32               | 29,44          |        |        |        |       |
| 3  | 6        |    | 136     | -                 | -               | 18               | 24,48          |        |        |        |       |
| RAZEM Poz. 1.13. wg średnic                  |          |    |         |                   |                 |                  | 53,92          |        |        | 28,00  |       |
| Poz. 1.14.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 12 | 239     | 2                 | 1               | 2                |                |        |        | 4,78   |       |
| 2  | 6        |    | 164     | 13                | 1               | 13               | 31,32          |        |        |        |       |
| RAZEM Poz. 1.14. wg średnic                  |          |    |         |                   |                 |                  | 31,32          |        |        | 4,78   |       |
| Poz. 1.15.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 12 | 415     | 4                 | 3               | 12               |                |        |        | 49,80  |       |
| 2  | 6        |    | 92      | 21                | 3               | 63               | 57,96          |        |        |        |       |
| 3  | 6        |    | 136     | -                 | -               | 56               | 76,16          |        |        |        |       |
| RAZEM Poz. 1.15. wg średnic                  |          |    |         |                   |                 |                  | 134,12         |        |        | 49,80  |       |
| Poz. 1.16.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 16 | 589     | 4                 | 1               | 4                |                |        |        |        | 23,56 |
| 2  | 6        |    | 142     | 23                | 1               | 23               | 32,66          |        |        |        |       |
| RAZEM Poz. 1.16. wg średnic                  |          |    |         |                   |                 |                  | 32,66          |        |        |        | 23,56 |
| Poz. 1.17.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 12 | 415     | 6                 | 2               | 12               |                |        |        | 49,80  |       |
| 2  | 6        |    | 138     | 21                | 2               | 42               | 57,95          |        |        |        |       |
| 3  | 6        |    | 136     | 14                | 2               | 28               | 38,08          |        |        |        |       |
| RAZEM Poz. 1.17. wg średnic                  |          |    |         |                   |                 |                  | 96,04          |        |        | 49,80  |       |
| Poz. 1.18.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 16 | 607     | 5                 | 1               | 5                |                |        |        |        | 30,35 |
| 2  | 6        |    | 132     | 24                | 1               | 24               | 31,68          |        |        |        |       |
| 3  | 6        |    | 607     | 1                 | 1               | 1                | 6,07           |        |        |        |       |
| RAZEM Poz. 1.18. wg średnic                  |          |    |         |                   |                 |                  | 37,75          |        |        |        | 30,35 |
| Poz. 1.19.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 12 | 415     | 4                 | 2               | 8                |                |        |        | 33,20  |       |
| 2  | 6        |    | 92      | 21                | 2               | 42               | 38,64          |        |        |        |       |
| 3  | 6        |    | 136     | -                 | -               | 14               | 19,04          |        |        |        |       |
| RAZEM Poz. 1.19. wg średnic                  |          |    |         |                   |                 |                  | 57,68          |        |        | 33,20  |       |
| Poz. 1.20.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 12 | 619     | 4                 | 1               | 4                |                |        |        | 24,76  |       |
| 2  | 6        |    | 142     | 38                | 1               | 38               | 53,96          |        |        |        |       |
| RAZEM Poz. 1.20. wg średnic                  |          |    |         |                   |                 |                  | 53,96          |        |        | 24,76  |       |
| Poz. 1.21.                                   |          |    |         |                   |                 |                  |                |        |        |        |       |
| 1  |          | 16 | 313     | 5                 | 2               | 10               |                |        |        |        | 31,30 |
| 2  | 6        |    | 132     | 50                | 2               | 100              | 132,00         |        |        |        |       |
| 3  | 6        |    | 313     | 1                 | 2               | 2                | 6,26           |        |        |        |       |

| Nr<br>pręta                 | Średnica |    | Długość<br>[cm] | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna<br>[szt.] | Długość ogólna |        |        |       |
|-----------------------------|----------|----|-----------------|-------------------|-----------------|----------------------------|----------------|--------|--------|-------|
|                             | Ø        | #  |                 |                   |                 |                            | St0S-b         | RB500W |        |       |
|                             | [mm]     |    |                 |                   |                 |                            | Ø 6            | # 8    | # 12   | # 16  |
| RAZEM Poz. 1.21. wg średnic |          |    |                 |                   |                 |                            | 138,26         |        |        | 31,30 |
| Poz. 1.22.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 16 | 313             | 5                 | 1               | 5                          |                |        |        | 15,65 |
| 2                           | 6        |    | 132             | 50                | 1               | 50                         | 66,00          |        |        |       |
| 3                           | 6        |    | 313             | 1                 | 1               | 1                          | 3,13           |        |        |       |
| RAZEM Poz. 1.22. wg średnic |          |    |                 |                   |                 |                            | 69,13          |        |        | 15,65 |
| Poz. 1.23.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 350             | 4                 | 4               | 16                         |                |        | 56,00  |       |
| 2                           | 6        |    | 92              | 18                | 4               | 72                         | 66,24          |        |        |       |
| RAZEM Poz. 1.23. wg średnic |          |    |                 |                   |                 |                            | 66,24          |        | 56,00  |       |
| Poz. 1.24.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           | 6        |    | 102             | 11                | 1               | 11                         | 11,22          |        |        |       |
| RAZEM Poz. 1.24. wg średnic |          |    |                 |                   |                 |                            | 11,22          |        |        |       |
| Poz. 1.25.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           | 6        |    | 102             | 13                | 1               | 13                         | 13,26          |        |        |       |
| RAZEM Poz. 1.25. wg średnic |          |    |                 |                   |                 |                            | 13,26          |        |        |       |
| Poz. 1.26.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 254             | 1                 | 1               | 1                          |                |        | 2,54   |       |
| 2                           | 6        |    | 102             | 15                | 1               | 15                         | 15,30          |        |        |       |
| RAZEM Poz. 1.26. wg średnic |          |    |                 |                   |                 |                            | 15,30          |        | 2,54   |       |
| Poz. 1.27.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 299             | 1                 | 1               | 1                          |                |        | 2,99   |       |
| 2                           | 6        |    | 102             | 17                | 1               | 17                         | 17,34          |        |        |       |
| RAZEM Poz. 1.27. wg średnic |          |    |                 |                   |                 |                            | 17,34          |        | 2,99   |       |
| Poz. 1.28.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 323             | 33                | 1               | 33                         |                |        | 106,59 |       |
| 2                           | 6        |    | 475             | 8                 | 1               | 8                          | 38,00          |        |        |       |
| 4                           | 6        |    | 60              | 8                 | 1               | 8                          | 4,80           |        |        |       |
| RAZEM Poz. 1.28. wg średnic |          |    |                 |                   |                 |                            | 42,80          |        | 106,59 |       |
| Poz. 1.29.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 318             | 48                | -               | 48                         |                |        | 152,64 |       |
| 2.1                         | 6        |    | 210             | 8                 | 2               | 16                         | 33,60          |        |        |       |
| 2.2                         | 6        |    | 256             | 8                 | 1               | 8                          | 20,48          |        |        |       |
| 4                           | 6        |    | 60              | 10                | -               | 10                         | 6,00           |        |        |       |
| RAZEM Poz. 1.29. wg średnic |          |    |                 |                   |                 |                            | 60,08          |        | 152,64 |       |
| Poz. 1.30.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 358             | 42                | 1               | 42                         |                |        | 150,36 |       |
| 2                           | 6        |    | 606             | 9                 | 1               | 9                          | 54,54          |        |        |       |
| 4                           | 6        |    | 60              | 8                 | 1               | 8                          | 4,80           |        |        |       |
| RAZEM Poz. 1.30. wg średnic |          |    |                 |                   |                 |                            | 59,34          |        | 150,36 |       |
| Poz. 1.31.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 285             | 17                | 2               | 34                         |                |        | 96,90  |       |
| 2                           | 6        |    | 235             | 7                 | 2               | 14                         | 32,90          |        |        |       |
| 4                           | 6        |    | 60              | 4                 | 2               | 8                          | 4,80           |        |        |       |
| RAZEM Poz. 1.31. wg średnic |          |    |                 |                   |                 |                            | 37,70          |        | 96,90  |       |
| Poz. 1.32.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 318             | 28                | 1               | 28                         |                |        | 89,04  |       |
| 2                           | 6        |    | 405             | 6                 | 1               | 6                          | 24,30          |        |        |       |
| 4                           | 6        |    | 60              | 8                 | 1               | 8                          | 4,80           |        |        |       |
| RAZEM Poz. 1.32. wg średnic |          |    |                 |                   |                 |                            | 29,10          |        | 89,04  |       |
| Poz. 1.33.                  |          |    |                 |                   |                 |                            |                |        |        |       |
| 1                           |          | 12 | 1.050           | 4                 | 1               | 4                          |                |        | 42,00  |       |
| 2                           | 6        |    | 102             | 36                | 1               | 36                         | 36,72          |        |        |       |
| RAZEM Poz. 1.33. wg średnic |          |    |                 |                   |                 |                            | 36,72          |        | 42,00  |       |
| Poz. 1.34.                  |          |    |                 |                   |                 |                            |                |        |        |       |

| Nr<br>pręta                         | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |          |        |
|-------------------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|----------|--------|
|                                     | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |          |        |
|                                     | [mm]     |    |         |                   |                 |                  | [cm]           | [szt.] | Ø 6      | # 8    |
| 1                                   |          | 12 | 44.840  | 4                 | 1               | 4                |                |        | 1.793,60 |        |
| 2                                   | 6        |    | 102     | 1.495             | 1               | 1.495            | 1.524,90       |        |          |        |
| RAZEM Poz. 1.34. wg średnic         |          |    |         |                   |                 |                  | 1.524,90       |        | 1.793,60 |        |
| Poz. 1.35.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 25.400  | 2                 | 1               | 2                |                |        | 508,00   |        |
| 2                                   | 6        |    | 30      | 1.017             | 1               | 1.017            | 305,10         |        |          |        |
| RAZEM Poz. 1.35. wg średnic         |          |    |         |                   |                 |                  | 305,10         |        | 508,00   |        |
| Poz. 1.36.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 120     | 1.326             | 1               | 1.326            |                |        | 1.591,20 |        |
| 2                                   |          | 12 | 104     | 1.326             | 1               | 1.326            |                |        | 1.379,04 |        |
| 3                                   | 6        |    | 19.870  | 6                 | 1               | 6                | 1.192,30       |        |          |        |
| RAZEM Poz. 1.36. wg średnic         |          |    |         |                   |                 |                  | 1.192,20       |        | 2.970,24 |        |
| Poz. 1.37.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 138     | 488               | 1               | 488              |                |        | 673,44   |        |
| 2                                   |          | 12 | 106     | 488               | 1               | 188              |                |        | 517,28   |        |
| 3                                   | 6        |    | 7.300   | 10                | 1               | 10               | 730,00         |        |          |        |
| RAZEM Poz. 1.37. wg średnic         |          |    |         |                   |                 |                  | 730,00         |        | 1.190,72 |        |
| Poz. 1.38.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 182     | 3                 | 1               | 3                |                |        | 5,46     |        |
| 2                                   |          | 12 | 150     | 4                 | 1               | 4                |                |        | 6,00     |        |
| 3                                   | 6        |    | 86      | 10                | 1               | 10               | 8,60           |        |          |        |
| RAZEM Poz. 1.38. wg średnic         |          |    |         |                   |                 |                  | 8,60           |        | 11,46    |        |
| Poz. 1.39.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 720     | 4                 | 1               | 4                |                |        | 28,80    |        |
| 2                                   | 6        |    | 92      | 25                | 1               | 25               | 23,00          |        |          |        |
| RAZEM Poz. 1.39. wg średnic         |          |    |         |                   |                 |                  | 23,00          |        | 28,80    |        |
| Długość ogólna wg średnic [m]       |          |    |         |                   |                 |                  | 5.631,16       |        | 8.117,61 | 194,69 |
| Masa 1 pręta [kg]                   |          |    |         |                   |                 |                  | 0,222          | 0,395  | 0,888    | 1,580  |
| Masa prętów wg średnic [kg]         |          |    |         |                   |                 |                  | 1.250,12       |        | 7.208,44 | 307,61 |
| Masa całkowita wg gatunku stali[kg] |          |    |         |                   |                 |                  | 1.250,12       |        | 7.516,05 |        |

## ZESTAWIENIE STALI

### POZIOM STROPU NAD I PIĘTREM

| Nr<br>pręta                                | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |        |       |
|--|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|--------|-------|
|  | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |        |       |
|  | [mm]     |    |         |                   |                 |                  |                | Ø 6    | # 8    | # 12  |
| Poz. 2.1.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 16 | 533     | 5                 | 1               | 5                |                |        |        | 26,65 |
| 2  | 6        |    | 132     | 60                | 1               | 60               | 79,20          |        |        |       |
| 3  | 6        |    | 533     | 1                 | 1               | 1                | 5,33           |        |        |       |
| RAZEM Poz. 2.1. wg średnic                 |          |    |         |                   |                 |                  | 84,53          |        |        | 26,65 |
| Poz. 2.2.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 16 | 517     | 5                 | 1               | 5                |                |        |        | 25,85 |
| 2  | 6        |    | 132     | 44                | 1               | 44               | 58,08          |        |        |       |
| 3  | 6        |    | 517     | 1                 | 1               | 1                | 5,17           |        |        |       |
| RAZEM Poz. 2.2. wg średnic                 |          |    |         |                   |                 |                  | 63,25          |        |        | 25,85 |
| Poz. 2.3.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 16 | 517     | 4                 | 1               | 4                |                |        |        | 20,68 |
| 2  | 6        |    | 142     | 26                | 1               | 26               | 36,92          |        |        |       |
| RAZEM Poz. 2.3. wg średnic                 |          |    |         |                   |                 |                  | 36,92          |        |        | 20,68 |
| Poz. 2.4.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 340     | 6                 | 6               | 36               |                |        | 122,40 |       |
| 2  | 6        |    | 138     | 16                | 6               | 96               | 132,48         |        |        |       |
| 3  | 6        |    | 136     | -                 | -               | 85               | 115,60         |        |        |       |
| RAZEM Poz. 2.4. wg średnic                 |          |    |         |                   |                 |                  | 248,08         |        | 122,40 |       |
| Poz. 2.5.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 340     | 4                 | 3               | 12               |                |        | 40,80  |       |
| 2  | 6        |    | 92      | 17                | 3               | 51               | 46,92          |        |        |       |
| RAZEM Poz. 2.5. wg średnic                 |          |    |         |                   |                 |                  | 46,92          |        | 40,80  |       |
| Poz. 2.6.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 340     | 4                 | 2               | 8                |                |        | 27,20  |       |
| 2  | 6        |    | 92      | 17                | 2               | 34               | 31,28          |        |        |       |
| 3  | 6        |    | 136     | 10                | 2               | 20               | 27,20          |        |        |       |
| RAZEM Poz. 2.6. wg średnic                 |          |    |         |                   |                 |                  | 58,48          |        | 27,20  |       |
| Poz. 2.7.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 489     | 2                 | 1               | 2                |                |        | 9,78   |       |
| 2  |          | 16 | 439     | 4                 | 1               | 4                |                |        |        | 17,56 |
| 3  | 6        |    | 102     | 26                | 1               | 26               | 26,52          |        |        |       |
| RAZEM Poz. 2.7. wg średnic                 |          |    |         |                   |                 |                  | 26,52          |        | 9,78   | 17,56 |
| Poz. 2.8.0. + Poz. 2.8.1.                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 689     | 10                | 2               | 20               |                |        | 137,80 |       |
| 2  |          | 12 | 217     | 10                | 2               | 20               |                |        | 43,40  |       |
| 3  | 6        |    | 126     | 13                | 2               | 26               | 32,76          |        |        |       |
| 4  | 6        |    | 272     | 10                | 2               | 20               | 54,40          |        |        |       |
| 5  |          | 12 | 146     | 10                | 2               | 20               |                |        | 29,20  |       |
| 6  |          | 12 | 550     | 10                | 2               | 20               |                |        | 110,00 |       |
| 7  |          | 12 | 257     | 10                | 2               | 20               |                |        | 51,40  |       |
| 8  | 6        |    | 126     | 16                | 2               | 32               | 40,32          |        |        |       |
| RAZEM Poz. 2.8.0. + Poz. 2.8.1. wg średnic |          |    |         |                   |                 |                  | 127,48         |        | 371,80 |       |
| Poz. 2.8.2.                                |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 118     | 24                | 2               | 48               |                |        | 56,64  |       |
| 2  |          | 12 | 336     | 12                | 2               | 24               |                |        | 80,64  |       |
| 3  | 6        |    | 180     | 6                 | 2               | 12               | 21,60          |        |        |       |
| RAZEM Poz. 2.8.2. wg średnic               |          |    |         |                   |                 |                  | 21,60          |        | 137,28 |       |
| Poz. 2.9.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 340     | 4                 | 2               | 8                |                |        | 27,20  |       |
| 2  | 6        |    | 92      | 16                | 2               | 32               | 29,44          |        |        |       |
| 3  | 6        |    | 136     | -                 | -               | 18               | 24,48          |        |        |       |



| Nr<br>pręta                 | Średnica |    | Długość<br>[cm] | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |       |       |
|-----------------------------|----------|----|-----------------|-------------------|-----------------|------------------|----------------|--------|-------|-------|
|                             | Ø        | #  |                 |                   |                 |                  | St0S-b         | RB500W |       |       |
|                             | [mm]     |    |                 |                   |                 |                  | Ø 6            | # 8    | # 12  | # 16  |
| RAZEM Poz. 2.9. wg średnic  |          |    |                 |                   |                 |                  | 53,92          |        | 27,20 |       |
| Poz. 2.10.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 239             | 2                 | 1               | 2                |                |        | 4,78  |       |
| 2                           | 6        |    | 164             | 13                | 1               | 13               | 31,32          |        |       |       |
| RAZEM Poz. 2.10. wg średnic |          |    |                 |                   |                 |                  | 31,32          |        | 4,78  |       |
| Poz. 2.11.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 340             | 4                 | 3               | 12               |                |        | 40,80 |       |
| 2                           | 6        |    | 92              | 16                | 3               | 48               | 44,16          |        |       |       |
| 3                           | 6        |    | 136             | -                 | -               | 42               | 57,12          |        |       |       |
| RAZEM Poz. 2.11. wg średnic |          |    |                 |                   |                 |                  | 101,28         |        | 40,80 |       |
| Poz. 2.12.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 16 | 589             | 4                 | 1               | 4                |                |        |       | 23,56 |
| 2                           | 6        |    | 142             | 23                | 1               | 23               | 32,66          |        |       |       |
| RAZEM Poz. 2.12. wg średnic |          |    |                 |                   |                 |                  | 32,66          |        |       | 23,56 |
| Poz. 2.13.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 278             | 2                 | 1               | 2                |                |        | 5,56  |       |
| 2                           | 6        |    | 102             | 16                | 1               | 16               | 16,32          |        |       |       |
| RAZEM Poz. 2.13. wg średnic |          |    |                 |                   |                 |                  | 16,32          |        | 5,56  |       |
| Poz. 2.14.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 340             | 6                 | 2               | 12               |                |        | 40,80 |       |
| 2                           | 6        |    | 138             | 16                | 2               | 32               | 44,16          |        |       |       |
| 3                           | 6        |    | 136             | 12                | 2               | 24               | 32,64          |        |       |       |
| RAZEM Poz. 2.14. wg średnic |          |    |                 |                   |                 |                  | 76,80          |        | 40,80 |       |
| Poz. 2.15.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 16 | 607             | 5                 | 1               | 5                |                |        |       | 30,35 |
| 2                           | 6        |    | 132             | 24                | 1               | 24               | 31,68          |        |       |       |
| 3                           | 6        |    | 607             | 1                 | 1               | 1                | 6,07           |        |       |       |
| RAZEM Poz. 2.15. wg średnic |          |    |                 |                   |                 |                  | 37,75          |        |       | 30,35 |
| Poz. 2.16.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 340             | 4                 | 2               | 8                |                |        | 27,20 |       |
| 2                           | 6        |    | 92              | 16                | 2               | 32               | 29,44          |        |       |       |
| 3                           | 6        |    | 136             | -                 | -               | 12               | 16,32          |        |       |       |
| RAZEM Poz. 2.16. wg średnic |          |    |                 |                   |                 |                  | 45,76          |        | 27,20 |       |
| Poz. 2.17.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 619             | 4                 | 1               | 4                |                |        | 24,76 |       |
| 2                           | 6        |    | 142             | 38                | 1               | 38               | 53,96          |        |       |       |
| RAZEM Poz. 2.17. wg średnic |          |    |                 |                   |                 |                  | 53,96          |        | 24,76 |       |
| Poz. 2.18.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 340             | 4                 | 4               | 16               |                |        | 54,40 |       |
| 2                           | 6        |    | 92              | 17                | 4               | 68               | 62,56          |        |       |       |
| RAZEM Poz. 2.18. wg średnic |          |    |                 |                   |                 |                  | 62,56          |        | 54,40 |       |
| Poz. 2.19.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           | 6        |    | 102             | 11                | 1               | 11               | 11,22          |        |       |       |
| RAZEM Poz. 2.19. wg średnic |          |    |                 |                   |                 |                  | 11,22          |        |       |       |
| Poz. 2.20.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           | 6        |    | 102             | 13                | 1               | 13               | 13,26          |        |       |       |
| RAZEM Poz. 2.20. wg średnic |          |    |                 |                   |                 |                  | 13,26          |        |       |       |
| Poz. 2.21.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 254             | 1                 | 1               | 1                |                |        | 2,54  |       |
| 2                           | 6        |    | 102             | 15                | 1               | 15               | 15,30          |        |       |       |
| RAZEM Poz. 2.21. wg średnic |          |    |                 |                   |                 |                  | 15,30          |        | 2,54  |       |
| Poz. 2.22.                  |          |    |                 |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 408             | 2                 | 1               | 2                |                |        | 8,18  |       |
| 2                           | 6        |    | 102             | 26                | 1               | 26               | 26,52          |        |       |       |
| RAZEM Poz. 2.22. wg średnic |          |    |                 |                   |                 |                  | 26,52          |        | 8,18  |       |

| Nr<br>pręta                 | Średnica |    | Długość<br>[cm] | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |          |      |
|-----------------------------|----------|----|-----------------|-------------------|-----------------|------------------|----------------|--------|----------|------|
|                             | Ø        | #  |                 |                   |                 |                  | St0S-b         | RB500W |          |      |
|                             | [mm]     |    |                 |                   |                 |                  | Ø 6            | # 8    | # 12     | # 16 |
| Poz. 2.23.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 323             | 33                | 1               | 33               |                |        | 106,59   |      |
| 2                           | 6        |    | 475             | 8                 | 1               | 8                | 38,00          |        |          |      |
| 4                           | 6        |    | 60              | 8                 | 1               | 8                | 4,80           |        |          |      |
| RAZEM Poz. 2.23. wg średnic |          |    |                 |                   |                 |                  | 42,80          |        | 106,59   |      |
| Poz. 2.24.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 318             | 48                | -               | 48               |                |        | 152,64   |      |
| 2.1                         | 6        |    | 210             | 8                 | 2               | 16               | 33,60          |        |          |      |
| 2.2                         | 6        |    | 256             | 8                 | 1               | 8                | 20,48          |        |          |      |
| 4                           | 6        |    | 60              | 10                | -               | 10               | 6,00           |        |          |      |
| RAZEM Poz. 2.24. wg średnic |          |    |                 |                   |                 |                  | 60,08          |        | 152,64   |      |
| Poz. 2.25.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 358             | 42                | 1               | 42               |                |        | 150,36   |      |
| 2                           | 6        |    | 606             | 9                 | 1               | 9                | 54,54          |        |          |      |
| 4                           | 6        |    | 60              | 8                 | 1               | 8                | 4,80           |        |          |      |
| RAZEM Poz. 2.25. wg średnic |          |    |                 |                   |                 |                  | 59,34          |        | 150,36   |      |
| Poz. 2.26.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 285             | 17                | 2               | 34               |                |        | 96,90    |      |
| 2                           | 6        |    | 235             | 7                 | 2               | 14               | 32,90          |        |          |      |
| 4                           | 6        |    | 60              | 4                 | 2               | 8                | 4,80           |        |          |      |
| RAZEM Poz. 2.26. wg średnic |          |    |                 |                   |                 |                  | 37,70          |        | 96,90    |      |
| Poz. 2.27.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 318             | 28                | 1               | 28               |                |        | 89,04    |      |
| 2                           | 6        |    | 405             | 6                 | 1               | 6                | 24,30          |        |          |      |
| 4                           | 6        |    | 60              | 8                 | 1               | 8                | 4,80           |        |          |      |
| RAZEM Poz. 2.27. wg średnic |          |    |                 |                   |                 |                  | 29,10          |        | 89,04    |      |
| Poz. 2.28.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 1.050           | 4                 | 1               | 4                |                |        | 42,00    |      |
| 2                           | 6        |    | 102             | 36                | 1               | 36               | 36,72          |        |          |      |
| RAZEM Poz. 2.28. wg średnic |          |    |                 |                   |                 |                  | 36,72          |        | 42,00    |      |
| Poz. 2.29.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 43.800          | 4                 | 1               | 4                |                |        | 1.752,00 |      |
| 2                           | 6        |    | 102             | 1.461             | 1               | 1.461            | 1.490,22       |        |          |      |
| RAZEM Poz. 2.29. wg średnic |          |    |                 |                   |                 |                  | 1.490,22       |        | 1.752,00 |      |
| Poz. 2.30.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 26.130          | 2                 | 1               | 2                |                |        | 522,60   |      |
| 2                           | 6        |    | 30              | 1.046             | 1               | 1.046            | 313,80         |        |          |      |
| RAZEM Poz. 2.30. wg średnic |          |    |                 |                   |                 |                  | 313,80         |        | 522,60   |      |
| Poz. 2.31.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 120             | 1.285             | 1               | 1.285            |                |        | 1.542,00 |      |
| 2                           |          | 12 | 104             | 1.285             | 1               | 1.285            |                |        | 1.336,40 |      |
| 3                           | 6        |    | 19.260          | 6                 | 1               | 6                | 1.155,60       |        |          |      |
| RAZEM Poz. 2.31. wg średnic |          |    |                 |                   |                 |                  | 1.155,60       |        | 2.878,40 |      |
| Poz. 2.32.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 138             | 622               | 1               | 622              |                |        | 858,36   |      |
| 2                           |          | 12 | 106             | 622               | 1               | 622              |                |        | 659,32   |      |
| 3                           | 6        |    | 9.320           | 10                | 1               | 10               | 932,00         |        |          |      |
| RAZEM Poz. 2.32. wg średnic |          |    |                 |                   |                 |                  | 932,00         |        | 1.517,68 |      |
| Poz. 2.33.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 182             | 3                 | 1               | 3                |                |        | 5,46     |      |
| 2                           |          | 12 | 150             | 4                 | 1               | 4                |                |        | 6,00     |      |
| 3                           | 6        |    | 134             | 12                | 1               | 12               | 16,08          |        |          |      |
| RAZEM Poz. 2.33. wg średnic |          |    |                 |                   |                 |                  | 16,08          |        | 11,46    |      |
| Poz. 2.34.                  |          |    |                 |                   |                 |                  |                |        |          |      |
| 1                           |          | 12 | 163             | 3                 | 2               | 6                |                |        | 9,78     |      |

| Nr<br>pręta                                | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna  |              |                 |               |
|--|----------|----|---------|-------------------|-----------------|------------------|-----------------|--------------|-----------------|---------------|
|  | Ø        | #  |         |                   |                 |                  | St0S-b          | RB500W       |                 |               |
|  | [mm]     |    |         |                   |                 |                  | Ø 6             | # 8          | # 12            | # 16          |
| 2  |          | 12 | 131     | 4                 | 2               | 8                |                 |              | 10,48           |               |
| 3  | 6        |    | 86      | 10                | 2               | 20               | 17,20           |              |                 |               |
| <b>RAZEM Poz. 2.34. wg średnic</b>         |          |    |         |                   |                 |                  | <b>17,20</b>    |              | <b>20,26</b>    |               |
| <b>Długość ogólna wg średnic [m]</b>       |          |    |         |                   |                 |                  | 5.483,05        |              | 8.285,39        | 144,65        |
| <b>Masa 1 pręta [kg]</b>                   |          |    |         |                   |                 |                  | <b>0,222</b>    | <b>0,395</b> | <b>0,888</b>    | <b>1,580</b>  |
| <b>Masa prętów wg średnic [kg]</b>         |          |    |         |                   |                 |                  | <b>1.217,24</b> |              | <b>7.357,43</b> | <b>228,55</b> |
| <b>Masa całkowita wg gatunku stali[kg]</b> |          |    |         |                   |                 |                  | <b>1.217,24</b> |              | <b>7.585,98</b> |               |

## ZESTAWIENIE STALI

### POZIOM STROPU NAD II PIĘTREM

| Nr<br>pręta                                | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |        |       |
|--|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|--------|-------|
|  | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |        |       |
|  | [mm]     |    |         |                   |                 |                  |                | Ø 6    | # 8    | # 12  |
| Poz. 3.1.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 16 | 533     | 5                 | 1               | 5                |                |        |        | 26,65 |
| 2  | 6        |    | 132     | 60                | 1               | 60               | 79,20          |        |        |       |
| 3  | 6        |    | 533     | 1                 | 1               | 1                | 5,33           |        |        |       |
| RAZEM Poz. 3.1. wg średnic                 |          |    |         |                   |                 |                  | 84,53          |        |        | 26,65 |
| Poz. 3.2.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 16 | 517     | 5                 | 1               | 5                |                |        |        | 25,85 |
| 2  | 6        |    | 132     | 44                | 1               | 44               | 58,08          |        |        |       |
| 3  | 6        |    | 517     | 1                 | 1               | 1                | 5,17           |        |        |       |
| RAZEM Poz. 3.2. wg średnic                 |          |    |         |                   |                 |                  | 63,25          |        |        | 25,85 |
| Poz. 3.3.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 16 | 517     | 4                 | 1               | 4                |                |        |        | 20,68 |
| 2  | 6        |    | 142     | 26                | 1               | 26               | 36,92          |        |        |       |
| RAZEM Poz. 3.3. wg średnic                 |          |    |         |                   |                 |                  | 36,92          |        |        | 20,68 |
| Poz. 3.4.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 340     | 6                 | 6               | 36               |                |        | 122,40 |       |
| 2  | 6        |    | 138     | 16                | 6               | 96               | 132,48         |        |        |       |
| 3  | 6        |    | 136     | -                 | -               | 85               | 115,60         |        |        |       |
| RAZEM Poz. 3.4. wg średnic                 |          |    |         |                   |                 |                  | 248,08         |        | 122,40 |       |
| Poz. 3.5.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 340     | 4                 | 3               | 12               |                |        | 40,80  |       |
| 2  | 6        |    | 92      | 17                | 3               | 51               | 46,92          |        |        |       |
| RAZEM Poz. 3.5. wg średnic                 |          |    |         |                   |                 |                  | 46,92          |        | 40,80  |       |
| Poz. 3.6.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 340     | 4                 | 2               | 8                |                |        | 27,20  |       |
| 2  | 6        |    | 92      | 17                | 2               | 34               | 31,28          |        |        |       |
| 3  | 6        |    | 136     | 10                | 2               | 20               | 27,20          |        |        |       |
| RAZEM Poz. 3.6. wg średnic                 |          |    |         |                   |                 |                  | 58,48          |        | 27,20  |       |
| Poz. 3.7.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 489     | 2                 | 1               | 2                |                |        | 9,78   |       |
| 2  |          | 16 | 439     | 4                 | 1               | 4                |                |        |        | 17,56 |
| 3  | 6        |    | 102     | 26                | 1               | 26               | 26,52          |        |        |       |
| RAZEM Poz. 3.7. wg średnic                 |          |    |         |                   |                 |                  | 26,52          |        | 9,78   | 17,56 |
| Poz. 3.8.0. + Poz. 3.8.1.                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 689     | 10                | 2               | 20               |                |        | 137,80 |       |
| 2  |          | 12 | 217     | 10                | 2               | 20               |                |        | 43,40  |       |
| 3  | 6        |    | 126     | 13                | 2               | 26               | 32,76          |        |        |       |
| 4  | 6        |    | 272     | 10                | 2               | 20               | 54,40          |        |        |       |
| 5  |          | 12 | 146     | 10                | 2               | 20               |                |        | 29,20  |       |
| 6  |          | 12 | 550     | 10                | 2               | 20               |                |        | 110,00 |       |
| 7  |          | 12 | 257     | 10                | 2               | 20               |                |        | 51,40  |       |
| 8  | 6        |    | 126     | 16                | 2               | 32               | 40,32          |        |        |       |
| RAZEM Poz. 3.8.0. + Poz. 3.8.1. wg średnic |          |    |         |                   |                 |                  | 127,48         |        | 371,80 |       |
| Poz. 3.8.2.                                |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 118     | 24                | 2               | 48               |                |        | 56,64  |       |
| 2  |          | 12 | 336     | 12                | 2               | 24               |                |        | 80,64  |       |
| 3  | 6        |    | 180     | 6                 | 2               | 12               | 21,60          |        |        |       |
| RAZEM Poz. 3.8.2. wg średnic               |          |    |         |                   |                 |                  | 21,60          |        | 137,28 |       |
| Poz. 3.9.                                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1  |          | 12 | 340     | 4                 | 2               | 8                |                |        | 27,20  |       |
| 2  | 6        |    | 92      | 16                | 2               | 32               | 29,44          |        |        |       |
| 3  | 6        |    | 136     | -                 | -               | 18               | 24,48          |        |        |       |

| Nr<br>pręta                 | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |       |       |
|-----------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|-------|-------|
|                             | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |       |       |
|                             | [mm]     |    |         |                   |                 |                  |                | Ø 6    | # 8   | # 12  |
| RAZEM Poz. 3.9. wg średnic  |          |    |         |                   |                 |                  | 53,92          |        | 27,20 |       |
| Poz. 3.10.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 239     | 2                 | 1               | 2                |                |        | 4,78  |       |
| 2                           | 6        |    | 164     | 13                | 1               | 13               | 31,32          |        |       |       |
| RAZEM Poz. 3.10. wg średnic |          |    |         |                   |                 |                  | 31,32          |        | 4,78  |       |
| Poz. 3.11.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 340     | 4                 | 3               | 12               |                |        | 40,80 |       |
| 2                           | 6        |    | 92      | 16                | 3               | 48               | 44,16          |        |       |       |
| 3                           | 6        |    | 136     | -                 | -               | 42               | 57,12          |        |       |       |
| RAZEM Poz. 3.11. wg średnic |          |    |         |                   |                 |                  | 101,28         |        | 40,80 |       |
| Poz. 3.12.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 16 | 589     | 4                 | 1               | 4                |                |        |       | 23,56 |
| 2                           | 6        |    | 142     | 23                | 1               | 23               | 32,66          |        |       |       |
| RAZEM Poz. 3.12. wg średnic |          |    |         |                   |                 |                  | 32,66          |        |       | 23,56 |
| Poz. 3.13.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 278     | 2                 | 1               | 2                |                |        | 5,56  |       |
| 2                           | 6        |    | 102     | 16                | 1               | 16               | 16,32          |        |       |       |
| RAZEM Poz. 3.13. wg średnic |          |    |         |                   |                 |                  | 16,32          |        | 5,56  |       |
| Poz. 3.14.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 340     | 6                 | 2               | 12               |                |        | 40,80 |       |
| 2                           | 6        |    | 138     | 16                | 2               | 32               | 44,16          |        |       |       |
| 3                           | 6        |    | 136     | 12                | 2               | 24               | 32,64          |        |       |       |
| RAZEM Poz. 3.14. wg średnic |          |    |         |                   |                 |                  | 76,20          |        | 40,80 |       |
| Poz. 3.15.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 16 | 607     | 5                 | 1               | 5                |                |        |       | 30,35 |
| 2                           | 6        |    | 132     | 24                | 1               | 24               | 31,68          |        |       |       |
| 3                           | 6        |    | 607     | 1                 | 1               | 1                | 6,07           |        |       |       |
| RAZEM Poz. 3.15. wg średnic |          |    |         |                   |                 |                  | 37,75          |        |       | 30,35 |
| Poz. 3.16.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 340     | 4                 | 2               | 8                |                |        | 27,20 |       |
| 2                           | 6        |    | 92      | 16                | 2               | 32               | 29,44          |        |       |       |
| 3                           | 6        |    | 136     | -                 | -               | 12               | 16,32          |        |       |       |
| RAZEM Poz. 3.16. wg średnic |          |    |         |                   |                 |                  | 45,76          |        | 27,20 |       |
| Poz. 3.17.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 619     | 4                 | 1               | 4                |                |        | 24,76 |       |
| 2                           | 6        |    | 142     | 38                | 1               | 38               | 53,96          |        |       |       |
| RAZEM Poz. 3.17. wg średnic |          |    |         |                   |                 |                  | 53,96          |        | 24,76 |       |
| Poz. 3.18.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 340     | 4                 | 4               | 16               |                |        | 54,40 |       |
| 2                           | 6        |    | 92      | 17                | 4               | 68               | 62,56          |        |       |       |
| RAZEM Poz. 3.18. wg średnic |          |    |         |                   |                 |                  | 62,56          |        | 54,40 |       |
| Poz. 3.19.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           | 6        |    | 102     | 11                | 1               | 11               | 11,22          |        |       |       |
| RAZEM Poz. 3.19. wg średnic |          |    |         |                   |                 |                  | 11,22          |        |       |       |
| Poz. 3.20.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           | 6        |    | 102     | 13                | 1               | 13               | 13,26          |        |       |       |
| RAZEM Poz. 3.20. wg średnic |          |    |         |                   |                 |                  | 13,26          |        |       |       |
| Poz. 3.21.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 1                           |          | 12 | 254     | 1                 | 1               | 1                |                |        | 2,54  |       |
| 2                           | 6        |    | 102     | 15                | 1               | 15               | 15,30          |        |       |       |
| RAZEM Poz. 3.21. wg średnic |          |    |         |                   |                 |                  | 15,30          |        | 2,54  |       |
| Poz. 3.22.                  |          |    |         |                   |                 |                  |                |        |       |       |
| 2                           | 6        |    | 102     | 26                | 1               | 26               | 26,52          |        |       |       |
| RAZEM Poz. 3.22. wg średnic |          |    |         |                   |                 |                  | 26,52          |        |       |       |
| Poz. 3.23.                  |          |    |         |                   |                 |                  |                |        |       |       |

| Nr<br>pręta                          | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna  |        |                 |      |
|--------------------------------------|----------|----|---------|-------------------|-----------------|------------------|-----------------|--------|-----------------|------|
|                                      | Ø        | #  |         |                   |                 |                  | St0S-b          | RB500W |                 |      |
|                                      | [mm]     |    |         |                   |                 |                  | Ø 6             | # 8    | # 12            | # 16 |
| 1                                    |          | 12 | 323     | 33                | 1               | 33               |                 |        | 106,59          |      |
| 2                                    | 6        |    | 475     | 8                 | 1               | 8                | 38,00           |        |                 |      |
| <b>RAZEM Poz. 3.23. wg średnic</b>   |          |    |         |                   |                 |                  | <b>38,00</b>    |        | <b>106,59</b>   |      |
| <b>Poz. 3.24.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 318     | 48                | -               | 48               |                 |        | 152,64          |      |
| 2.1                                  | 6        |    | 210     | 8                 | 2               | 16               | 33,60           |        |                 |      |
| 2.2                                  | 6        |    | 256     | 8                 | 1               | 8                | 20,48           |        |                 |      |
| 4                                    | 6        |    | 60      | 10                | -               | 10               | 6,00            |        |                 |      |
| <b>RAZEM Poz. 3.24. wg średnic</b>   |          |    |         |                   |                 |                  | <b>60,08</b>    |        | <b>152,64</b>   |      |
| <b>Poz. 3.25.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 358     | 42                | 1               | 42               |                 |        | 150,36          |      |
| 2                                    | 6        |    | 606     | 9                 | 1               | 9                | 54,54           |        |                 |      |
| 4                                    | 6        |    | 60      | 8                 | 1               | 8                | 4,80            |        |                 |      |
| <b>RAZEM Poz. 3.25. wg średnic</b>   |          |    |         |                   |                 |                  | <b>59,34</b>    |        | <b>150,36</b>   |      |
| <b>Poz. 3.26.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 285     | 17                | 1               | 17               |                 |        | 48,45           |      |
| 2                                    | 6        |    | 235     | 7                 | 1               | 7                | 16,45           |        |                 |      |
| 4                                    | 6        |    | 60      | 4                 | 1               | 4                | 2,40            |        |                 |      |
| <b>RAZEM Poz. 3.26. wg średnic</b>   |          |    |         |                   |                 |                  | <b>18,85</b>    |        | <b>48,45</b>    |      |
| <b>Poz. 3.27.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 318     | 28                | 1               | 28               |                 |        | 89,04           |      |
| 2                                    | 6        |    | 405     | 6                 | 1               | 6                | 24,30           |        |                 |      |
| 4                                    | 6        |    | 60      | 8                 | 1               | 8                | 4,80            |        |                 |      |
| <b>RAZEM Poz. 3.27. wg średnic</b>   |          |    |         |                   |                 |                  | <b>29,10</b>    |        | <b>89,04</b>    |      |
| <b>Poz. 3.28.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 1.050   | 4                 | 1               | 4                |                 |        | 42,00           |      |
| 2                                    | 6        |    | 102     | 36                | 1               | 36               | 36,72           |        |                 |      |
| <b>RAZEM Poz. 3.28. wg średnic</b>   |          |    |         |                   |                 |                  | <b>36,72</b>    |        | <b>42,00</b>    |      |
| <b>Poz. 3.29.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 37.980  | 4                 | 1               | 4                |                 |        | 1.519,20        |      |
| 2                                    | 6        |    | 102     | 1.267             | 1               | 1.267            | 1.292,34        |        |                 |      |
| <b>RAZEM Poz. 3.29. wg średnic</b>   |          |    |         |                   |                 |                  | <b>1.292,34</b> |        | <b>1.519,20</b> |      |
| <b>Poz. 3.29.1.</b>                  |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 5.330   | 7                 | 1               | 7                |                 |        | 373,10          |      |
| 2                                    | 6        |    | 102     | 178               | 1               | 178              | 181,56          |        |                 |      |
| 3                                    | 6        |    | 106     | 178               | 1               | 178              | 188,68          |        |                 |      |
| <b>RAZEM Poz. 3.29.1. wg średnic</b> |          |    |         |                   |                 |                  | <b>370,24</b>   |        | <b>373,10</b>   |      |
| <b>Poz. 3.29.2.</b>                  |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 460     | 4                 | 1               | 4                |                 |        | 18,40           |      |
| 2                                    | 6        |    | 84      | 16                | 1               | 16               | 13,44           |        |                 |      |
| <b>RAZEM Poz. 3.29.2. wg średnic</b> |          |    |         |                   |                 |                  | <b>13,44</b>    |        | <b>18,40</b>    |      |
| <b>Poz. 3.30.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 430     | 5                 | 1               | 5                |                 |        | 21,50           |      |
| 2                                    | 6        |    | 136     | 15                | 1               | 15               | 20,40           |        |                 |      |
| 3                                    |          | 12 | 70      | 4                 | 1               | 4                |                 |        | 2,80            |      |
| <b>RAZEM Poz. 3.30. wg średnic</b>   |          |    |         |                   |                 |                  | <b>20,40</b>    |        | <b>24,30</b>    |      |
| <b>Poz. 3.31.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 26.800  | 2                 | 1               | 2                |                 |        | 536,00          |      |
| 2                                    | 6        |    | 30      | 1.073             | 1               | 1.073            | 321,90          |        |                 |      |
| <b>RAZEM Poz. 3.31. wg średnic</b>   |          |    |         |                   |                 |                  | <b>321,90</b>   |        | <b>536,00</b>   |      |
| <b>Poz. 3.32.</b>                    |          |    |         |                   |                 |                  |                 |        |                 |      |
| 1                                    |          | 12 | 120     | 1.271             | 1               | 1.271            |                 |        | 1.525,20        |      |
| 2                                    |          | 12 | 104     | 1.271             | 1               | 1.271            |                 |        | 1.321,84        |      |
| 3                                    | 6        |    | 19.050  | 6                 | 1               | 6                | 1.143,00        |        |                 |      |
| <b>RAZEM Poz. 3.32. wg średnic</b>   |          |    |         |                   |                 |                  | <b>1.143,00</b> |        | <b>2.847,04</b> |      |

| Nr<br>pręta                         | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |          |        |
|-------------------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|----------|--------|
|                                     | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |          |        |
|                                     | [mm]     |    |         |                   |                 |                  |                | [cm]   | [szt.]   |        |
| Poz. 3.33.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 138     | 706               | 1               | 706              |                |        | 974,28   |        |
| 2                                   |          | 12 | 106     | 706               | 1               | 706              |                |        | 748,36   |        |
| 3                                   | 6        |    | 10.570  | 10                | 1               | 10               | 1.057,00       |        |          |        |
| RAZEM Poz. 3.33. wg średnic         |          |    |         |                   |                 |                  | 1.057,00       |        | 1.722,64 |        |
| Poz. 3.34.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 182     | 3                 | 1               | 3                |                |        | 5,46     |        |
| 2                                   |          | 12 | 150     | 4                 | 1               | 4                |                |        | 6,00     |        |
| 3                                   | 6        |    | 86      | 12                | 1               | 12               | 10,32          |        |          |        |
| RAZEM Poz. 3.34. wg średnic         |          |    |         |                   |                 |                  | 10,32          |        | 11,46    |        |
| Poz. 3.35.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 163     | 3                 | 2               | 6                |                |        | 9,78     |        |
| 2                                   |          | 12 | 131     | 4                 | 2               | 8                |                |        | 10,48    |        |
| 3                                   | 6        |    | 86      | 10                | 2               | 20               | 17,20          |        |          |        |
| RAZEM Poz. 3.35. wg średnic         |          |    |         |                   |                 |                  | 17,20          |        | 20,26    |        |
| Poz. 3.36.                          |          |    |         |                   |                 |                  |                |        |          |        |
| 1                                   |          | 12 | 387     | 42                | 1               | 42               |                |        | 162,54   |        |
| 2                                   |          | 12 | 194     | 16                | 1               | 16               |                |        | 31,04    |        |
| 4                                   | 6        |    | 60      | 7                 | 1               | 7                | 4,20           |        |          |        |
| RAZEM Poz. 3.36. wg średnic         |          |    |         |                   |                 |                  | 4,20           |        | 193,58   |        |
| Długość ogólna wg średnic [m]       |          |    |         |                   |                 |                  | 5.773,32       |        | 8.792,36 | 144,65 |
| Masa 1 pręta [kg]                   |          |    |         |                   |                 |                  | 0,222          | 0,395  | 0,888    | 1,580  |
| Masa prętów wg średnic [kg]         |          |    |         |                   |                 |                  | 1.281,68       |        | 7.807,62 | 228,55 |
| Masa całkowita wg gatunku stali[kg] |          |    |         |                   |                 |                  | 1.281,68       |        | 8.036,17 |        |

## ZESTAWIENIE STALI

### POZIOM STROPU NAD III PIĘTREM + ATTYKI

| Nr<br>pręta                 | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |        |       |
|-----------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|--------|-------|
|                             | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |        |       |
|                             | [mm]     |    |         |                   |                 |                  |                | Ø 6    | # 8    | # 12  |
| Poz. 4.1.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 16 | 533     | 5                 | 1               | 5                |                |        |        | 26,65 |
| 2                           | 6        |    | 132     | 60                | 1               | 60               | 79,20          |        |        |       |
| 3                           | 6        |    | 533     | 1                 | 1               | 1                | 5,33           |        |        |       |
| RAZEM Poz. 4.1. wg średnic  |          |    |         |                   |                 |                  | 84,53          |        |        | 26,65 |
| Poz. 4.2.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 16 | 517     | 5                 | 1               | 5                |                |        |        | 25,85 |
| 2                           | 6        |    | 132     | 44                | 1               | 44               | 58,08          |        |        |       |
| 3                           | 6        |    | 517     | 1                 | 1               | 1                | 5,17           |        |        |       |
| RAZEM Poz. 4.2. wg średnic  |          |    |         |                   |                 |                  | 63,25          |        |        | 25,85 |
| Poz. 4.3.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 16 | 517     | 4                 | 1               | 4                |                |        |        | 20,68 |
| 2                           | 6        |    | 142     | 26                | 1               | 26               | 36,92          |        |        |       |
| RAZEM Poz. 4.3. wg średnic  |          |    |         |                   |                 |                  | 36,92          |        |        | 20,68 |
| Poz. 4.4.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 290     | 6                 | 6               | 36               |                |        | 104,40 |       |
| 2                           | 6        |    | 138     | 16                | 6               | 96               | 132,48         |        |        |       |
| 3                           | 6        |    | 136     | -                 | -               | 85               | 115,60         |        |        |       |
| RAZEM Poz. 4.4. wg średnic  |          |    |         |                   |                 |                  | 248,08         |        | 104,40 |       |
| Poz. 4.5.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 290     | 4                 | 3               | 12               |                |        | 34,80  |       |
| 2                           | 6        |    | 92      | 17                | 3               | 51               | 46,92          |        |        |       |
| RAZEM Poz. 4.5. wg średnic  |          |    |         |                   |                 |                  | 46,92          |        | 34,80  |       |
| Poz. 4.6.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 290     | 4                 | 2               | 8                |                |        | 23,20  |       |
| 2                           | 6        |    | 92      | 17                | 2               | 34               | 31,28          |        |        |       |
| 3                           | 6        |    | 136     | 10                | 2               | 20               | 27,20          |        |        |       |
| RAZEM Poz. 4.6. wg średnic  |          |    |         |                   |                 |                  | 58,48          |        | 23,20  |       |
| Poz. 4.7.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 489     | 2                 | 1               | 2                |                |        | 9,78   |       |
| 2                           |          | 16 | 439     | 4                 | 1               | 4                |                |        |        | 17,56 |
| 3                           | 6        |    | 102     | 26                | 1               | 26               | 26,52          |        |        |       |
| RAZEM Poz. 4.7. wg średnic  |          |    |         |                   |                 |                  | 26,52          |        | 9,78   | 17,56 |
| Poz. 4.8.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 185     | 22                | 1               | 22               |                |        | 37,00  |       |
| 2                           |          | 12 | 200     | 20                | 1               | 20               |                |        | 40,00  |       |
| RAZEM Poz. 4.8. wg średnic  |          |    |         |                   |                 |                  |                |        | 77,00  |       |
| Poz. 4.9.                   |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 290     | 4                 | 2               | 8                |                |        | 23,20  |       |
| 2                           | 6        |    | 92      | 16                | 2               | 32               | 29,44          |        |        |       |
| 3                           | 6        |    | 136     | -                 | -               | 18               | 24,48          |        |        |       |
| RAZEM Poz. 4.9. wg średnic  |          |    |         |                   |                 |                  | 53,92          |        | 23,20  |       |
| Poz. 4.10.                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 239     | 2                 | 1               | 2                |                |        | 4,78   |       |
| 2                           | 6        |    | 164     | 13                | 1               | 13               | 31,32          |        |        |       |
| RAZEM Poz. 4.10. wg średnic |          |    |         |                   |                 |                  | 31,32          |        | 4,78   |       |
| Poz. 4.11.                  |          |    |         |                   |                 |                  |                |        |        |       |
| 1                           |          | 12 | 290     | 4                 | 3               | 12               |                |        | 34,80  |       |
| 2                           | 6        |    | 92      | 16                | 3               | 48               | 44,16          |        |        |       |
| 3                           | 6        |    | 136     | -                 | -               | 42               | 57,12          |        |        |       |
| RAZEM Poz. 4.11. wg średnic |          |    |         |                   |                 |                  | 101,28         |        | 34,80  |       |
| Poz. 4.12.                  |          |    |         |                   |                 |                  |                |        |        |       |



| Nr<br>pręta                 | Średnica |    | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |        |          |       |
|-----------------------------|----------|----|---------|-------------------|-----------------|------------------|----------------|--------|----------|-------|
|                             | Ø        | #  |         |                   |                 |                  | St0S-b         | RB500W |          |       |
|                             | [mm]     |    |         |                   |                 |                  |                | [cm]   | [szt.]   |       |
| 1                           |          | 16 | 589     | 4                 | 1               | 4                |                |        |          | 23,56 |
| 2                           | 6        |    | 142     | 23                | 1               | 23               | 32,66          |        |          |       |
| RAZEM Poz. 4.12. wg średnic |          |    |         |                   |                 |                  | 32,66          |        |          | 23,56 |
| Poz. 4.13.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 278     | 2                 | 1               | 2                |                |        | 5,56     |       |
| 2                           | 6        |    | 102     | 16                | 1               | 16               | 16,32          |        |          |       |
| RAZEM Poz. 4.13. wg średnic |          |    |         |                   |                 |                  | 16,32          |        | 5,56     |       |
| Poz. 4.14.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 290     | 6                 | 2               | 12               |                |        | 40,80    |       |
| 2                           | 6        |    | 138     | 16                | 2               | 32               | 44,16          |        |          |       |
| 3                           | 6        |    | 136     | 12                | 2               | 24               | 32,64          |        |          |       |
| RAZEM Poz. 4.14. wg średnic |          |    |         |                   |                 |                  | 76,80          |        | 40,80    |       |
| Poz. 4.15.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 16 | 607     | 5                 | 1               | 5                |                |        |          | 30,35 |
| 2                           | 6        |    | 132     | 24                | 1               | 24               | 31,68          |        |          |       |
| 3                           | 6        |    | 607     | 1                 | 1               | 1                | 6,07           |        |          |       |
| RAZEM Poz. 4.15. wg średnic |          |    |         |                   |                 |                  | 37,75          |        |          | 30,35 |
| Poz. 4.16.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 290     | 4                 | 2               | 8                |                |        | 23,20    |       |
| 2                           | 6        |    | 92      | 16                | 2               | 32               | 29,44          |        |          |       |
| 3                           | 6        |    | 136     | -                 | -               | 12               | 16,32          |        |          |       |
| RAZEM Poz. 4.16. wg średnic |          |    |         |                   |                 |                  | 45,76          |        | 23,20    |       |
| Poz. 4.17.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 619     | 4                 | 1               | 4                |                |        | 24,76    |       |
| 2                           | 6        |    | 142     | 38                | 1               | 38               | 53,96          |        |          |       |
| RAZEM Poz. 4.17. wg średnic |          |    |         |                   |                 |                  | 53,96          |        | 24,76    |       |
| Poz. 4.18.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 323     | 2                 | 1               | 2                |                |        | 4,64     |       |
| 2                           | 6        |    | 102     | 13                | 1               | 13               | 13,26          |        |          |       |
| RAZEM Poz. 4.18. wg średnic |          |    |         |                   |                 |                  | 13,26          |        | 4,64     |       |
| Poz. 4.19.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 290     | 4                 | 4               | 16               |                |        | 46,40    |       |
| 2                           | 6        |    | 192     | 17                | 4               | 68               | 62,56          |        |          |       |
| RAZEM Poz. 4.19. wg średnic |          |    |         |                   |                 |                  | 62,56          |        | 46,40    |       |
| Poz. 4.20.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 199     | 1                 | 1               | 1                |                |        | 1,99     |       |
| 2                           | 6        |    | 102     | 11                | 1               | 11               | 11,22          |        |          |       |
| RAZEM Poz. 4.20. wg średnic |          |    |         |                   |                 |                  | 11,22          |        | 1,99     |       |
| Poz. 4.21.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           | 6        |    | 102     | 13                | 1               | 13               | 13,26          |        |          |       |
| RAZEM Poz. 4.21. wg średnic |          |    |         |                   |                 |                  | 13,26          |        |          |       |
| Poz. 4.22.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 254     | 1                 | 1               | 1                |                |        | 2,54     |       |
| 2                           | 6        |    | 102     | 15                | 1               | 15               | 15,30          |        |          |       |
| RAZEM Poz. 4.22. wg średnic |          |    |         |                   |                 |                  | 15,30          |        | 2,54     |       |
| Poz. 4.23.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 273     | 33                | 1               | 33               |                |        | 90,09    |       |
| 2                           | 6        |    | 475     | 7                 | 1               | 7                | 33,25          |        |          |       |
| RAZEM Poz. 4.23. wg średnic |          |    |         |                   |                 |                  | 33,25          |        | 90,09    |       |
| Poz. 4.24.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 43.020  | 4                 | 1               | 4                |                |        | 1.720,80 |       |
| 2                           | 6        |    | 102     | 1.435             | 1               | 1.435            | 1.463,70       |        |          |       |
| RAZEM Poz. 4.24. wg średnic |          |    |         |                   |                 |                  | 1.463,70       |        | 1.720,80 |       |
| Poz. 4.25.                  |          |    |         |                   |                 |                  |                |        |          |       |
| 1                           |          | 12 | 24.250  | 4                 | 1               | 4                |                |        | 970,00   |       |

| Nr pręta                                   | Średnica |    | Długość | Liczba w elem. | Liczba elem. | Liczba ogólna | Długość ogólna  |                 |                 |               |
|--|----------|----|---------|----------------|--------------|---------------|-----------------|-----------------|-----------------|---------------|
|  | Ø        | #  |         |                |              |               | St0S-b          | RB500W          |                 |               |
|  | [mm]     |    |         |                |              |               | Ø 6             | # 8             | # 12            | # 16          |
| 2  | 6        |    | 92      | 809            | 1            | 809           | 744,28          |                 |                 |               |
| <b>RAZEM Poz. 4.25. wg średnic</b>         |          |    |         |                |              |               | <b>744,28</b>   |                 | <b>970,00</b>   |               |
| <b>Poz. 4.26.</b>                          |          |    |         |                |              |               |                 |                 |                 |               |
| 1  |          | 12 | 1.550   | 4              | 1            | 4             |                 |                 | 62,00           |               |
| 2  |          | 8  | 116     | 104            | 1            | 104           |                 | 120,64          |                 |               |
| 4  | 6        |    | 100     | 52             | 1            | 52            | 52,00           |                 |                 |               |
| <b>RAZEM Poz. 4.26. wg średnic</b>         |          |    |         |                |              |               | <b>52,00</b>    | <b>120,64</b>   | <b>62,00</b>    |               |
| <b>Poz. 4.27.</b>                          |          |    |         |                |              |               |                 |                 |                 |               |
| 1  |          | 12 | 110     | 68             | 1            | 68            |                 |                 | 74,80           |               |
| 2  |          | 12 | 80      | 68             | 1            | 68            |                 |                 | 54,40           |               |
| 4  | 6        |    | 1.000   | 8              | 1            | 8             | 80,00           |                 |                 |               |
| <b>RAZEM Poz. 4.27. wg średnic</b>         |          |    |         |                |              |               | <b>80,00</b>    |                 | <b>129,20</b>   |               |
| <b>Poz. 4.28.</b>                          |          |    |         |                |              |               |                 |                 |                 |               |
| 1  |          | 12 | 24.320  | 2              | 1            | 2             |                 |                 | 486,40          |               |
| 2  | 6        |    | 30      | 974            | 1            | 974           | 292,20          |                 |                 |               |
| <b>RAZEM Poz. 4.28. wg średnic</b>         |          |    |         |                |              |               | <b>292,20</b>   |                 | <b>486,40</b>   |               |
| <b>Poz. 4.29.</b>                          |          |    |         |                |              |               |                 |                 |                 |               |
| 1  |          | 12 | 120     | 949            | 1            | 949           |                 |                 | 1.138,80        |               |
| 2  |          | 12 | 104     | 949            | 1            | 949           |                 |                 | 986,96          |               |
| 3  | 6        |    | 14.220  | 8              | 1            | 8             | 1.137,60        |                 |                 |               |
| <b>RAZEM Poz. 4.29. wg średnic</b>         |          |    |         |                |              |               | <b>1.137,60</b> |                 | <b>2.125,76</b> |               |
| <b>Poz. 4.30.</b>                          |          |    |         |                |              |               |                 |                 |                 |               |
| 1  |          | 12 | 153     | 853            | 1            | 853           |                 |                 | 1.305,09        |               |
| 2  |          | 12 | 121     | 853            | 1            | 853           |                 |                 | 1.032,13        |               |
| 3  | 6        |    | 12.770  | 12             | 1            | 12            | 1.532,40        |                 |                 |               |
| <b>RAZEM Poz. 4.30. wg średnic</b>         |          |    |         |                |              |               | <b>1.532,40</b> |                 | <b>2.337,22</b> |               |
| <b>Poz. 4.31.</b>                          |          |    |         |                |              |               |                 |                 |                 |               |
| 1  |          | 12 | 212     | 3              | 1            | 3             |                 |                 | 6,36            |               |
| 2  |          | 12 | 180     | 5              | 1            | 5             |                 |                 | 9,00            |               |
| 3  | 6        |    | 86      | 14             | 1            | 14            | 12,04           |                 |                 |               |
| <b>RAZEM Poz. 4.31. wg średnic</b>         |          |    |         |                |              |               | <b>12,04</b>    |                 | <b>15,36</b>    |               |
| <b>Poz. 4.32.</b>                          |          |    |         |                |              |               |                 |                 |                 |               |
| 1  |          | 12 | 147     | 3              | 16           | 48            |                 |                 | 70,56           |               |
| 2  |          | 12 | 115     | 4              | 16           | 64            |                 |                 | 73,60           |               |
| 3  | 6        |    | 86      | 7              | 16           | 112           | 96,32           |                 |                 |               |
| <b>RAZEM Poz. 4.32. wg średnic</b>         |          |    |         |                |              |               | <b>96,32</b>    |                 | <b>144,16</b>   |               |
| <b>Poz. 4.33.</b>                          |          |    |         |                |              |               |                 |                 |                 |               |
| 1  |          | 12 | 160     | 3              | 1            | 3             |                 |                 | 4,80            |               |
| 2  |          | 12 | 128     | 4              | 1            | 4             |                 |                 | 5,12            |               |
| 3  | 6        |    | 86      | 9              | 1            | 9             | 7,74            |                 |                 |               |
| <b>RAZEM Poz. 4.33. wg średnic</b>         |          |    |         |                |              |               | <b>7,74</b>     |                 | <b>9,92</b>     |               |
| <b>Długość ogólna wg średnic [m]</b>       |          |    |         |                |              |               | 6.581,60        | 120,64          | 8.552,76        | 144,65        |
| <b>Masa 1 pręta [kg]</b>                   |          |    |         |                |              |               | <b>0,222</b>    | <b>0,395</b>    | <b>0,888</b>    | <b>1,580</b>  |
| <b>Masa prętów wg średnic [kg]</b>         |          |    |         |                |              |               | <b>1.461,12</b> | <b>47,65</b>    | <b>7.594,85</b> | <b>228,55</b> |
| <b>Masa całkowita wg gatunku stali[kg]</b> |          |    |         |                |              |               | <b>1.461,12</b> | <b>7.871,05</b> |                 |               |

## ZESTAWIENIE STALI

### ŚCIANY SZYBU WINDY

| Nr<br>pręta                         | Średnica |   | Długość | Liczba<br>w elem. | Liczba<br>elem. | Liczba<br>ogólna | Długość ogólna |          |        |       |
|-------------------------------------|----------|---|---------|-------------------|-----------------|------------------|----------------|----------|--------|-------|
|                                     | Ø        | # |         |                   |                 |                  | St0S-b         | RB500W   |        |       |
|                                     | [mm]     |   |         |                   |                 |                  |                | [cm]     | [szt.] | Ø 6   |
| 1                                   |          | 8 | 186     | 232               | 1               | 232              |                | 431,52   |        |       |
| 2                                   |          | 8 | 10      | 120               | 1               | 120              |                | 12,00    |        |       |
| 3                                   |          | 8 | 53      | 120               | 1               | 120              |                | 63,60    |        |       |
| 4                                   |          | 8 | 178     | 98                | 1               | 98               |                | 174,44   |        |       |
| 5                                   |          | 8 | 135     | 28                | 1               | 28               |                | 37,52    |        |       |
| 6                                   |          | 8 | 334     | 306               | 1               | 306              |                | 1.022,04 |        |       |
| 7                                   |          | 8 | 66      | 42                | 1               | 42               |                | 27,72    |        |       |
| 8                                   |          | 8 | 359     | 104               | 1               | 104              |                | 373,36   |        |       |
| 9                                   |          | 8 | 120     | 32                | 1               | 32               |                | 38,40    |        |       |
| 10                                  |          | 8 | 186     | 360               | 1               | 360              |                | 669,60   |        |       |
| 11                                  |          | 8 | 66      | 24                | 1               | 24               |                | 15,84    |        |       |
| 12                                  |          | 8 | 108     | 6                 | 1               | 6                |                | 6,48     |        |       |
| 13                                  |          | 8 | 285     | 6                 | 1               | 6                |                | 17,10    |        |       |
| 14                                  |          | 8 | 90      | 16                | 1               | 16               |                | 14,40    |        |       |
| RAZEM ŚCIANY SZYBU WINDY            |          |   |         |                   |                 |                  |                | 2.904,02 |        |       |
| Długość ogólna wg średnic [m]       |          |   |         |                   |                 |                  |                | 2.904,02 |        |       |
| Masa 1 pręta [kg]                   |          |   |         |                   |                 |                  | 0,222          | 0,395    | 0,888  | 1,580 |
| Masa prętów wg średnic [kg]         |          |   |         |                   |                 |                  |                | 1.147,09 |        |       |
| Masa całkowita wg gatunku stali[kg] |          |   |         |                   |                 |                  |                | 1.147,09 |        |       |

## ZBIORCZE ZESTAWIENIE STALI

| POZYCJA                                    | Długość ogólna |                  |                  |               |
|--|----------------|------------------|------------------|---------------|
|  | St0S-b         | RB500W           |                  |               |
|  | Ø 6            | # 8              | # 12             | # 16          |
| POZIOM FUNDAMENTÓW                         | 1.551,36       |                  | 20.552,62        |               |
| POZIOM STROPU NAD PARTEREM                 | 5.631,16       |                  | 8.117,61         | 194,69        |
| POZIOM STROPU NAD I PIĘTREM                | 5.483,05       |                  | 8.285,39         | 144,65        |
| POZIOM STROPU NAD II PIĘTREM               | 5.773,32       |                  | 8.792,36         | 144,65        |
| POZIOM STROPU NAD III PIĘTREM + ATTYKI     | 6.581,60       | 120,64           | 8.552,76         | 144,65        |
| ŚCIANY SZYBU WINDY                         |                | 2.904,02         |                  |               |
| <b>Długość ogólna wg średnic [m]</b>       | 25.020,49      | 3.024,66         | 54.300,47        | 628,64        |
| <b>Masa 1 pręta [kg]</b>                   | <b>0,222</b>   | <b>0,395</b>     | <b>0,888</b>     | <b>1,580</b>  |
| <b>Masa prętów wg średnic [kg]</b>         | <b>5.554,6</b> | <b>1.194,74</b>  | <b>48.219,06</b> | <b>993,25</b> |
| <b>Masa całkowita wg gatunku stali[kg]</b> | <b>5.555,0</b> | <b>50.408,00</b> |                  |               |

## ZBIORCZE ZESTAWIENIE STALI PROFILOWEJ

| Nr<br>elementu      | Element  | Długość | Masa<br>jednostkowa | Ilość  | Ciężar<br>1 elementu | Masa<br>ogółem | Materiał |
|---------------------|----------|---------|---------------------|--------|----------------------|----------------|----------|
|                     |          | [mm]    | [kg/m]              | [szt.] | [kg]                 |                |          |
| Poz. 1.28.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 1.29.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 10     | 1,318                | 13,18          | S235JR   |
| Poz. 1.30.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 1.31.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 1.32.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 2.23.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 2.24.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 10     | 1,318                | 13,18          | S235JR   |
| Poz. 2.25.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 2.26.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 2.27.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 3.24.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 10     | 1,318                | 13,18          | S235JR   |
| Poz. 3.25.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 3.26.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 4      | 1,318                | 5,27           | S235JR   |
| Poz. 3.27.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 8      | 1,318                | 10,54          | S235JR   |
| Poz. 3.36.          |          |         |                     |        |                      |                |          |
| 3                   | BL 6x140 | 200     | 6,59                | 7      | 1,318                | 9,23           | S235JR   |
| Masa całkowita [kg] |          |         |                     |        |                      | 159,44         |          |