

ZESTAWIENIE STALI

| ZESTAWIENIE STALI          |             |           |             |                 |       |                       |        |         |     |       |              |                   |                    |
|----------------------------|-------------|-----------|-------------|-----------------|-------|-----------------------|--------|---------|-----|-------|--------------|-------------------|--------------------|
|                            | Nr<br>pręta | Ø<br>[mm] | Klasa stali | Długość<br>[cm] | Sztuk | Długość całkowita [m] |        |         |     |       | Masa<br>[kg] | Ilość             | Masa całk.<br>[kg] |
|                            |             |           |             |                 |       | Ø6                    | Ø10    | Ø12     | Ø14 | Ø16   |              |                   |                    |
| W-1                        | 1           | 12        | A-III       | 48862           | 4     | -                     | -      | 1954,48 | -   | -     | 1735,58      | długość<br>łączna | 1735,58            |
|                            | 2           | 6         | A-0         | 84              | 2443  | 2052,20               | -      | -       | -   | -     | 455,59       |                   | 455,59             |
| N1<br>N2<br>N3<br>N4<br>N5 | 1           | 10        | A-III       | 11440           | 2     | -                     | 228,80 | -       | -   | -     | 141,17       | długość<br>łączna | 141,17             |
|                            | 2           | 12        | A-III       | 11440           | 2     | -                     | -      | 228,80  | -   | -     | 203,17       |                   | 203,17             |
|                            | 3           | 6         | A-0         | 74              | 572   | 423,28                | -      | -       | -   | -     | 93,97        |                   | 93,97              |
| B-1                        | 1           | 6         | A-0         | 104             | 10    | 10,40                 | -      | -       | -   | -     | 2,31         | 3                 | 6,93               |
|                            | 2           | 10        | A-III       | 150             | 2     | -                     | 3,00   | -       | -   | -     | 1,85         |                   | 5,55               |
|                            | 3           | 16        | A-III       | 150             | 2     | -                     | -      | -       | -   | 3,00  | 4,74         |                   | 14,21              |
| B-3                        | 1           | 6         | A-0         | 104             | 17    | 17,68                 | -      | -       | -   | -     | 3,92         | 4                 | 15,70              |
|                            | 2           | 10        | A-III       | 242             | 2     | -                     | 4,84   | -       | -   | -     | 2,99         |                   | 11,95              |
|                            | 3           | 16        | A-III       | 242             | 2     | -                     | -      | -       | -   | 4,84  | 7,64         |                   | 30,57              |
| B-4                        | 1           | 6         | A-0         | 104             | 18    | 18,72                 | -      | -       | -   | -     | 4,16         | 3                 | 12,47              |
|                            | 2           | 10        | A-III       | 262             | 2     | -                     | 5,24   | -       | -   | -     | 3,23         |                   | 9,70               |
|                            | 3           | 16        | A-III       | 262             | 2     | -                     | -      | -       | -   | 5,24  | 8,27         |                   | 24,82              |
| B-5                        | 1           | 6         | A-0         | 74              | 22    | 16,28                 | -      | -       | -   | -     | 3,61         | 1                 | 3,61               |
|                            | 2           | 10        | A-III       | 271             | 2     | -                     | 5,42   | -       | -   | -     | 3,34         |                   | 3,34               |
|                            | 3           | 16        | A-III       | 271             | 4     | -                     | -      | -       | -   | 10,84 | 17,12        |                   | 17,12              |
| B-6                        | 1           | 6         | A-0         | 74              | 27    | 19,98                 | -      | -       | -   | -     | 4,44         | 5                 | 22,18              |
|                            | 2           | 10        | A-III       | 347             | 2     | -                     | 6,94   | -       | -   | -     | 4,28         |                   | 21,41              |
|                            | 3           | 16        | A-III       | 347             | 4     | -                     | -      | -       | -   | 13,88 | 21,92        |                   | 109,58             |
| B-7                        | 1           | 6         | A-0         | 74              | 32    | 23,68                 | -      | -       | -   | -     | 5,26         | 1                 | 5,26               |
|                            | 2           | 10        | A-III       | 414             | 2     | -                     | 8,28   | -       | -   | -     | 5,11         |                   | 5,11               |
|                            | 3           | 16        | A-III       | 414             | 4     | -                     | -      | -       | -   | 16,56 | 26,15        |                   | 26,15              |
| Poz. 0.1                   | 1           | 12        | A-III       | 144             | 496   | -                     | -      | 713,81  | -   | -     | 633,86       | długość<br>łączna | 633,86             |
| Poz. 1.1                   | 1           | 12        | A-III       | 598             | 13    | -                     | -      | 79,61   | -   | -     | 70,69        | 4                 | 282,77             |
|                            | 2           | 12        | A-III       | 638             | 13    | -                     | -      | 84,93   | -   | -     | 75,42        |                   | 301,68             |
|                            | 3           | 6         | A-0         | 213             | 45    | 95,85                 | -      | -       | -   | -     | 21,28        |                   | 85,11              |
| Poz. 1.2                   | 1           | 10        | A-III       | 314             | 22    | -                     | 69,08  | -       | -   | -     | 42,62        | 4                 | 170,49             |
|                            | 2           | 10        | A-III       | 354             | 22    | -                     | 77,88  | -       | -   | -     | 48,05        |                   | 192,21             |
|                            | 3           | 6         | A-0         | 440             | 25    | 110,00                | -      | -       | -   | -     | 24,42        |                   | 97,68              |
| Poz. 1.3                   | 1           | 12        | A-III       | 242             | 15    | -                     | -      | 35,49   | -   | -     | 31,52        | 4                 | 126,07             |
|                            | 2           | 12        | A-III       | 282             | 15    | -                     | -      | 41,36   | -   | -     | 36,73        |                   | 146,91             |
|                            | 3           | 6         | A-0         | 440             | 19    | 83,60                 | -      | -       | -   | -     | 18,56        |                   | 74,24              |
| Poz. 2.2                   | 1           | 12        | A-III       | 514             | 22    | -                     | -      | 111,98  | -   | -     | 99,44        | 3                 | 298,31             |
|                            | 2           | 12        | A-III       | 554             | 22    | -                     | -      | 120,69  | -   | -     | 107,18       |                   | 321,53             |
|                            | 3           | 6         | A-0         | 305             | 39    | 118,95                | -      | -       | -   | -     | 26,41        |                   | 79,22              |
| Poz. 3.1                   | 1           | 12        | A-III       | 517             | 25    | -                     | -      | 129,25  | -   | -     | 114,77       | 4                 | 459,10             |
|                            | 2           | 12        | A-III       | 557             | 25    | -                     | -      | 139,25  | -   | -     | 123,65       |                   | 494,62             |
|                            | 3           | 6         | A-0         | 350             | 39    | 136,50                | -      | -       | -   | -     | 30,30        |                   | 121,21             |
| Poz. 4.1                   | 1           | 12        | A-III       | 514             | 31    | -                     | -      | 160,44  | -   | -     | 142,47       | 3                 | 427,42             |
|                            | 2           | 12        | A-III       | 554             | 31    | -                     | -      | 172,93  | -   | -     | 153,56       |                   | 460,68             |
|                            | 3           | 6         | A-0         | 437             | 39    | 170,43                | -      | -       | -   | -     | 37,84        |                   | 113,51             |

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|-------------------|-------------|-----------|-------------|-----------------|-------|-----------------------|--------|--------|-------|--------|--------------|-------|--------------------|
|                   | Nr<br>pręta | Ø<br>[mm] | Klasa stali | Długość<br>[cm] | Sztuk | Długość całkowita [m] |        |        |       |        | Masa<br>[kg] | Ilość | Masa całk.<br>[kg] |
|                   |             |           |             |                 |       | Ø6                    | Ø10    | Ø12    | Ø14   | Ø16    |              |       |                    |
| Poz. 4.2          | 1           | 12        | A-III       | 367             | 11    | -                     | -      | 40,89  | -     | -      | 36,31        | 3     | 108,94             |
|                   | 2           | 12        | A-III       | 407             | 11    | -                     | -      | 45,35  | -     | -      | 40,27        |       | 120,82             |
|                   | 3           | 6         | A-0         | 156             | 31    | 48,36                 | -      | -      | -     | -      | 10,74        |       | 32,21              |
| Poz. 5.1          | 1           | 12        | A-III       | 598             | 36    | -                     | -      | 216,03 | -     | -      | 191,83       | 4     | 767,33             |
|                   | 2           | 12        | A-III       | 638             | 36    | -                     | -      | 230,48 | -     | -      | 204,66       |       | 818,66             |
|                   | 3           | 6         | A-0         | 578             | 45    | 260,10                | -      | -      | -     | -      | 57,74        |       | 230,97             |
| Poz. 5.2          | 1           | 12        | A-III       | 346             | 5     | -                     | -      | 17,30  | -     | -      | 15,36        | 4     | 61,45              |
|                   | 2           | 12        | A-III       | 386             | 5     | -                     | -      | 19,30  | -     | -      | 17,14        |       | 68,55              |
|                   | 3           | 6         | A-0         | 150             | 45    | 67,50                 | -      | -      | -     | -      | 14,99        |       | 59,94              |
| Poz. 6.1          | 1           | 10        | A-III       | 354             | 38    | -                     | 135,58 | -      | -     | -      | 83,65        | 3     | 250,96             |
|                   | 2           | 10        | A-III       | 394             | 38    | -                     | 150,90 | -      | -     | -      | 93,11        |       | 279,32             |
|                   | 3           | 6         | A-0         | 766             | 29    | 222,14                | -      | -      | -     | -      | 49,32        |       | 147,95             |
| Poz. 6.2          | 1           | 10        | A-III       | 328             | 23    | -                     | 75,60  | -      | -     | -      | 46,65        | 1     | 46,65              |
|                   | 2           | 10        | A-III       | 368             | 23    | -                     | 84,82  | -      | -     | -      | 52,34        |       | 52,34              |
|                   | 3           | 6         | A-0         | 461             | 28    | 129,08                | -      | -      | -     | -      | 28,66        |       | 28,66              |
| Poz. 7.1          | 1           | 12        | A-III       | 405             | 26    | -                     | -      | 103,41 | -     | -      | 91,83        | 3     | 275,48             |
|                   | 2           | 12        | A-III       | 456             | 26    | -                     | -      | 116,43 | -     | -      | 103,39       |       | 310,17             |
|                   | 3           | 6         | A-0         | 766             | 31    | 237,46                | -      | -      | -     | -      | 52,72        |       | 158,15             |
| Poz. 8.1          | 1           | 12        | A-III       | 608             | 23    | -                     | -      | 142,50 | -     | -      | 126,54       | 3     | 379,62             |
|                   | 2           | 12        | A-III       | 648             | 23    | -                     | -      | 151,88 | -     | -      | 134,87       |       | 404,60             |
|                   | 3           | 6         | A-0         | 375             | 45    | 168,75                | -      | -      | -     | -      | 37,46        |       | 112,39             |
| Poz. 8.2          | 1           | 12        | A-III       | 548             | 24    | -                     | -      | 129,05 | -     | -      | 114,60       | 3     | 343,80             |
|                   | 2           | 12        | A-III       | 588             | 24    | -                     | -      | 138,47 | -     | -      | 122,96       |       | 368,89             |
|                   | 3           | 6         | A-0         | 471             | 43    | 202,53                | -      | -      | -     | -      | 44,96        |       | 134,88             |
| Poz. 9.1          | 1           | 16        | A-III       | 658             | 60    | -                     | -      | -      | -     | 393,16 | 620,79       | 1     | 620,79             |
|                   | 2           | 16        | A-III       | 698             | 60    | -                     | -      | -      | -     | 417,06 | 658,53       |       | 658,53             |
|                   | 3           | 6         | A-0         | 1195            | 50    | 597,50                | -      | -      | -     | -      | 132,65       |       | 132,65             |
| Poz. 9.3          | 1           | 14        | A-III       | 414             | 6     | -                     | -      | -      | 26,08 | -      | 31,51        | 1     | 31,51              |
|                   | 2           | 14        | A-III       | 454             | 6     | -                     | -      | -      | 28,60 | -      | 34,55        |       | 34,55              |
|                   | 3           | 6         | A-0         | 126             | 32    | 40,32                 | -      | -      | -     | -      | 8,95         |       | 8,95               |
| Poz. 10.1         | 1           | 16        | A-III       | 721             | 11    | -                     | -      | -      | -     | 82,55  | 130,35       | 1     | 130,35             |
|                   | 2           | 16        | A-III       | 761             | 11    | -                     | -      | -      | -     | 87,13  | 137,59       |       | 137,59             |
|                   | 3           | 6         | A-0         | 229             | 57    | 130,53                | -      | -      | -     | -      | 28,98        |       | 28,98              |
| Poz. 10.2         | 1           | 12        | A-III       | 660             | 23    | -                     | -      | 149,74 | -     | -      | 132,97       | 1     | 132,97             |
|                   | 2           | 12        | A-III       | 700             | 23    | -                     | -      | 158,81 | -     | -      | 141,03       |       | 141,03             |
|                   | 3           | 6         | A-0         | 363             | 48    | 174,24                | -      | -      | -     | -      | 38,68        |       | 38,68              |

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|-------------------|-------------|-----------|-------------|-----------------|-------|-----------------------|-------|--------|-------|-----|--------------|-------|--------------------|
|                   | Nr<br>pręta | Ø<br>[mm] | Klasa stali | Długość<br>[cm] | Sztuk | Długość całkowita [m] |       |        |       |     | Masa<br>[kg] | Ilość | Masa całk.<br>[kg] |
|                   |             |           |             |                 |       | Ø6                    | Ø10   | Ø12    | Ø14   | Ø16 |              |       |                    |
| Poz. 10.3         | 1           | 14        | A-III       | 600             | 13    | -                     | -     | -      | 76,20 | -   | 92,05        | 1     | 92,05              |
|                   | 2           | 14        | A-III       | 640             | 13    | -                     | -     | -      | 81,28 | -   | 98,19        |       | 98,19              |
|                   | 3           | 6         | A-0         | 254             | 45    | 114,30                | -     | -      | -     | -   | 25,37        |       | 25,37              |
| Poz. 10.4         | 1           | 12        | A-III       | 367             | 22    | -                     | -     | 79,95  | -     | -   | 71,00        | 1     | 71,00              |
|                   | 2           | 12        | A-III       | 592             | 22    | -                     | -     | 128,97 | -     | -   | 114,53       |       | 114,53             |
|                   | 3           | 6         | A-0         | 305             | 29    | 88,45                 | -     | -      | -     | -   | 19,64        |       | 19,64              |
|                   | 4           | 10        | A-III       | 216             | 22    | -                     | 47,06 | -      | -     | -   | 29,03        |       | 29,03              |
| Poz. 10.5         | 1           | 10        | A-III       | 347             | 14    | -                     | 47,13 | -      | -     | -   | 29,08        | 1     | 29,08              |
|                   | 2           | 10        | A-III       | 387             | 14    | -                     | 52,57 | -      | -     | -   | 32,43        |       | 32,43              |
|                   | 3           | 6         | A-0         | 326             | 29    | 94,54                 | -     | -      | -     | -   | 20,99        |       | 20,99              |
| RAZEM:            |             |           |             |                 |       |                       |       |        |       |     |              |       | 16053,34           |

|                                   |             |  |   |                       |             |                             |                  |  |
|-----------------------------------|-------------|--|---|-----------------------|-------------|-----------------------------|------------------|--|
| PW                                | KONSTRUKCJA |  | ul. K. Tomaszewskiego 1a<br>06-400 Ciechanów<br>Tel. 504-544-024<br>e-mail: gm.budownictwo@gmail.com  |                       |             |                             |                  |  |
|                                   |             |  | Projektant w specjalności architektonicznej:  |                       |             |                             | Pieczęć, podpis: |  |
|                                   |             |  | mgr inż. Witold Korus<br>nr upr. KL-164/89<br>w specjalności konstrukcyjnej   |                       |             |                             |                  |  |
|                                   |             |  | Sprawdzający w specjalności architektonicznej:  |                       |             |                             | Pieczęć, podpis: |  |
|                                   |             |  | mgr inż. Barbara Borczyńska<br>upr. nr MAZ/0323/PWOK/08<br>do projektowania i kierowania robotami budowlanymi<br>bez ograniczeń w specjalności konstrukcyjno-budowlanej<br>Zespół projektowy: |                       |             |                             | Podpis:          |  |
| mgr inż. arch. Grzegorz Michałski |             |  |   |                       |             |                             |                  |  |
| mgr inż. arch. Ireneusz Jabłoński |             |  |   |                       |             |                             |                  |  |
| Temat projektu:                   |             | Budowa budynku mieszkalnego wielorodzinnego wraz z niezbędną infrastrukturą techniczną |   |                       |             |                             |                  |  |
| Inwestor:                         |             | Towarzystwo Budownictwa Społecznego Sp. z o.o.<br>ul. Okrzei 14, 06-400 Ciechanów      |   |                       |             |                             |                  |  |
| Adres inwestycji:                 |             | Ciechanów, gm. Ciechanów, Dz. Nr 4781/5  |   |                       |             |                             |                  |  |
| Nazwa rysunku:                    |             | ZESTAWIENIE STALI  |   |                       |             |                             |                  |  |
| Numer projektu<br>gregpro07/2017  |             | Branża:<br>konstrukcja   | Faza projektu:<br>PW  | Data:<br>17.07.2017r. | Skala:<br>- | Numer rysunku:<br>PW-K-06.2 |                  |  |