

| Numer projektu:               |        |                |           | Tytuł projektu:                                                                                                        |       |         |              |              |                |        |       |       |       | Data:      |        |       |       |       |       |
|-------------------------------|--------|----------------|-----------|------------------------------------------------------------------------------------------------------------------------|-------|---------|--------------|--------------|----------------|--------|-------|-------|-------|------------|--------|-------|-------|-------|-------|
| 1344/US/2016                  |        |                |           | Przebudowa z rozbudową Z.S.S. w Pęcherach- Łbiskach modernizacja cz.II.<br>Ul. Bolesława Chrobrego 83, Pęchery- Łbiska |       |         |              |              |                |        |       |       |       | 10.11.2016 |        |       |       |       |       |
| W13/0                         |        |                |           | WYKAZ STALI                                                                                                            |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| Rys: K13/0                    |        |                |           | Kondygnacja poddasza cz. C. Wieńce żelbetowe.                                                                          |       |         |              |              |                |        |       |       |       | str. 1/1   |        |       |       |       |       |
| Element                       | Liczba | długość        | Nr. Pręta | Średnica                                                                                                               |       | Długość | Liczba/elem. | Liczba ogół. | Długość ogólna |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           | A-0                                                                                                                    | A-III |         |              |              | A-0            |        |       | A-III |       |            |        |       |       |       |       |
|                               |        |                |           | φ                                                                                                                      | #     |         |              |              | φ              |        |       | #     |       |            |        |       |       |       |       |
|                               |        |                |           | [mm]                                                                                                                   | [mm]  |         |              |              | [cm]           | [m]    | [m]   | [m]   | [m]   | [m]        | [m]    | [m]   | [m]   | [m]   | [m]   |
| w20a                          | 1      | 215            | 1         |                                                                                                                        | 12    | 225     | 4            | 4            |                |        |       |       |       | 9,01       |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 9            | 11           | 8,80           |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 2            | 2            |                |        |       |       |       | 0,90       |        |       |       |       |       |
| w20b                          | 1      | 429            | 1         |                                                                                                                        | 12    | 450     | 4            | 4            |                |        |       |       |       | 18,00      |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 17           | 17           | 13,71          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 4            | 4            |                |        |       |       |       | 1,80       |        |       |       |       |       |
| w20c                          | 1      | 593            | 1         |                                                                                                                        | 12    | 623     | 4            | 4            |                |        |       |       |       | 24,91      |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 24           | 24           | 18,98          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 6            | 6            |                |        |       |       |       | 2,70       |        |       |       |       |       |
| w20d                          | 1      | 192            | 1         |                                                                                                                        | 12    | 202     | 4            | 4            |                |        |       |       |       | 8,06       |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 8            | 8            | 6,14           |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| w20e                          | 1      | 325            | 1         |                                                                                                                        | 12    | 341     | 2            | 2            |                |        |       |       |       | 6,83       |        |       |       |       |       |
|                               |        |                | 2         |                                                                                                                        | 12    | 341     | 2            | 2            |                |        |       |       |       | 6,83       |        |       |       |       |       |
|                               |        |                | 11        | 6                                                                                                                      |       | 140     | 13           | 13           | 18,20          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 3         |                                                                                                                        | 12    | 424     | 2            | 2            |                |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 3            | 3            |                |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 7         |                                                                                                                        | 10    | 40      | 16           | 16           |                |        |       |       | 6,50  |            | 1,35   |       |       |       |       |
| w20f                          | 1      | 325            | 1         |                                                                                                                        | 12    | 341     | 2            | 2            |                |        |       |       |       | 6,83       |        |       |       |       |       |
|                               |        |                | 2         |                                                                                                                        | 12    | 341     | 2            | 2            |                |        |       |       |       | 6,82       |        |       |       |       |       |
|                               |        |                | 5         | 6                                                                                                                      |       | 185     | 13           | 13           | 24,05          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 3         |                                                                                                                        | 12    | 424     | 2            | 2            |                |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 3            | 3            |                |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 8         |                                                                                                                        | 10    | 60      | 4            | 4            |                |        |       |       | 2,40  |            | 1,35   |       |       |       |       |
| w20g                          | 1      | 901            | 1         |                                                                                                                        | 12    | 946     | 4            | 4            |                |        |       |       |       | 37,84      |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 36           | 36           | 28,83          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| w20g'                         | 1      | 1380           | 1         |                                                                                                                        | 12    | 1449    | 4            | 4            |                |        |       |       |       | 57,96      |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 55           | 55           | 44,16          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| w20p                          | 1      | 560            | 1         |                                                                                                                        | 12    | 588     | 6            | 6            |                |        |       |       |       | 35,28      |        |       |       |       |       |
|                               |        |                | 6         | 6                                                                                                                      |       | 135     | 22           | 22           | 30,24          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| zbrojenie naroży              | 3      | zewn. Łączenia | 9         |                                                                                                                        | 10    | 150     | 3            | 9            |                |        |       |       | 13,50 |            |        |       |       |       |       |
| Długość ogólna wg średnic     |        |                |           |                                                                                                                        |       |         |              |              | [m]            | 193,11 | 0,00  | 0,00  | 0,00  | 22,40      | 218,35 | 8,10  | 0,00  | 0,00  | 0,00  |
| Masa 1m pręta                 |        |                |           |                                                                                                                        |       |         |              |              | [m]            | 0,222  | 0,395 | 1,580 | 0,395 | 0,617      | 0,888  | 1,580 | 2,470 | 3,850 | 6,310 |
| Masa prętów wg średnic        |        |                |           |                                                                                                                        |       |         |              |              | [kg]           | 42,87  | 0,00  | 0,00  | 0,00  | 13,82      | 193,90 | 12,80 | 0,00  | 0,00  | 0,00  |
| Masa prętów wg rodzajów stali |        |                |           |                                                                                                                        |       |         |              |              | [kg]           | 43     |       |       | 221   |            |        |       |       |       |       |
| Masa z bieżącej strony        |        |                |           |                                                                                                                        |       |         |              |              | [kg]           | 263    |       |       |       |            |        |       |       |       |       |

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| Zakład | 5,0 |
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