

| 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 |        |       |       |       |       |
| W19/0                         |        |                |           | WYKAZ STALI                                                                                                            |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| Rys: K19/0                    |        |                |           | Kondygnacja poddasza cz. E. 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              |        |       | #     |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              | 6              | 8      | 16    | 8     | 10    | 12         | 16     | 20    | 25    | 32    |       |
|                               | [szt.] |                |           | [mm]                                                                                                                   | [mm]  | [cm]    | [szt.]       | [szt.]       | [m]            | [m]    | [m]   | [m]   | [m]   | [m]        | [m]    | [m]   | [m]   | [m]   |       |
| w12                           | 1      | 216            | 1         |                                                                                                                        | 12    | 227     | 2            | 2            |                |        |       |       |       | 4,54       |        |       |       |       |       |
|                               |        |                | 14        | 8                                                                                                                      |       | 44      | 11           | 11           |                | 4,75   |       |       |       |            |        |       |       |       |       |
|                               |        |                | 13        |                                                                                                                        | 16    | 45      | 2            | 2            |                |        |       |       | 0,90  |            |        |       |       |       |       |
| w20b                          | 1      | 419            | 1         |                                                                                                                        | 12    | 440     | 4            | 4            |                |        |       |       |       | 17,60      |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 17           | 17           | 13,41          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 4            | 4            |                |        |       |       | 1,80  |            |        |       |       |       |       |
| w20g                          | 1      | 881            | 1         |                                                                                                                        | 12    | 925     | 4            | 4            |                |        |       |       |       | 37,00      |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 35           | 35           | 28,19          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| w20g'                         | 1      | 1428           | 1         |                                                                                                                        | 12    | 1499    | 4            | 4            |                |        |       |       |       | 59,98      |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 57           | 57           | 45,70          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| w20h                          | 1      | 192            | 1         |                                                                                                                        | 12    | 202     | 4            | 4            |                |        |       |       |       | 8,06       |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 8            | 8            | 6,14           |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| w20i                          | 1      | 325            | 1         |                                                                                                                        | 12    | 341     | 2            | 2            |                |        |       |       |       | 6,83       |        |       |       |       |       |
|                               |        |                | 2         |                                                                                                                        | 12    | 341     | 5            | 5            |                |        |       |       |       | 17,05      |        |       |       |       |       |
|                               |        |                | 5         | 6                                                                                                                      |       | 175     | 13           | 13           | 22,75          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 3         |                                                                                                                        | 12    | 424     | 2            | 2            |                |        |       |       |       | 8,48       |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 3            | 3            |                |        |       |       |       | 1,35       |        |       |       |       |       |
|                               |        |                | 8         |                                                                                                                        | 10    | 60      | 4            | 4            |                |        |       | 2,40  |       |            |        |       |       |       |       |
| w20j                          | 1      | 325            | 1         |                                                                                                                        | 12    | 341     | 2            | 2            |                |        |       |       |       | 6,83       |        |       |       |       |       |
|                               |        |                | 2         |                                                                                                                        | 12    | 341     | 2            | 2            |                |        |       |       |       | 6,82       |        |       |       |       |       |
|                               |        |                | 11        | 6                                                                                                                      |       | 150     | 13           | 13           | 19,50          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 3         |                                                                                                                        | 12    | 424     | 2            | 2            |                |        |       |       |       | 8,48       |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 3            | 3            |                |        |       |       |       | 1,35       |        |       |       |       |       |
|                               |        |                | 7         |                                                                                                                        | 10    | 40      | 16           | 16           |                |        |       | 6,50  |       |            |        |       |       |       |       |
| w20l                          | 1      | 203            | 1         |                                                                                                                        | 12    | 213     | 4            | 4            |                |        |       |       |       | 8,53       |        |       |       |       |       |
|                               |        |                | 10        | 6                                                                                                                      |       | 80      | 8            | 8            | 6,50           |        |       |       |       |            |        |       |       |       |       |
|                               |        |                | 4         |                                                                                                                        | 16    | 45      | 2            | 2            |                |        |       |       |       | 0,90       |        |       |       |       |       |
| w20p                          | 1      | 547            | 1         |                                                                                                                        | 12    | 574     | 6            | 6            |                |        |       |       |       | 34,46      |        |       |       |       |       |
|                               |        |                | 6         | 6                                                                                                                      |       | 135     | 22           | 22           | 29,54          |        |       |       |       |            |        |       |       |       |       |
|                               |        |                |           |                                                                                                                        |       |         |              |              |                |        |       |       |       |            |        |       |       |       |       |
| zbrojenie naroży              | 1      | zewn. Łączenia | 12        |                                                                                                                        | 10    | 150     | 3            | 3            |                |        |       |       | 4,50  |            |        |       |       |       |       |
| Długość ogólna wg średnic     |        |                |           |                                                                                                                        |       |         |              |              | [m]            | 171,72 | 4,75  | 0,00  | 0,00  | 13,40      | 224,64 | 6,30  | 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]           | 38,12  | 1,88  | 0,00  | 0,00  | 8,27       | 199,48 | 9,95  | 0,00  | 0,00  | 0,00  |
| Masa prętów wg rodzajów stali |        |                |           |                                                                                                                        |       |         |              |              | [kg]           | 40     |       |       | 218   |            |        |       |       |       |       |
| Masa z bieżącej strony        |        |                |           |                                                                                                                        |       |         |              |              | [kg]           | 258    |       |       |       |            |        |       |       |       |       |

|               |            |
|---------------|------------|
| <b>Zakład</b> | <b>5,0</b> |
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