

| zestawienie zbrojenia-strop nad P01 |          |       |          |                   |             |         |          |        |        |
|-------------------------------------|----------|-------|----------|-------------------|-------------|---------|----------|--------|--------|
| numer pręta                         | średnica | ilość | długość  | całkowita długość | masa        | kształt | A        | B      | C      |
| 1                                   | 12 mm    | 994   | 11730 mm | 11660 m           | 10351.57 kg | 00      | 11730 mm | 0 mm   | 0 mm   |
| 2                                   | 10 mm    | 805   | 12000 mm | 9660 m            | 5955.75 kg  | 00      | 12000 mm | 0 mm   | 0 mm   |
| 3                                   | 12 mm    | 36    | 9075 mm  | 327 m             | 290.05 kg   | 00      | 9075 mm  | 0 mm   | 0 mm   |
| 4                                   | 12 mm    | 155   | 12000 mm | 1860 m            | 1651.33 kg  | 00      | 12000 mm | 0 mm   | 0 mm   |
| 5                                   | 12 mm    | 269   | 7090 mm  | 1907 m            | 1693.25 kg  | 00      | 7090 mm  | 0 mm   | 0 mm   |
| 6                                   | 10 mm    | 46    | 9335 mm  | 429 m             | 264.75 kg   | 00      | 9335 mm  | 0 mm   | 0 mm   |
| 7                                   | 12 mm    | 1197  | 1600 mm  | 1915 m            | 1700.34 kg  | 21      | 750 mm   | 150 mm | 750 mm |
| 8                                   | 10 mm    | 118   | 5770 mm  | 681 m             | 419.78 kg   | 00      | 5770 mm  | 0 mm   | 0 mm   |
| 9                                   | 12 mm    | 26    | 8030 mm  | 209 m             | 185.36 kg   | 00      | 8030 mm  | 0 mm   | 0 mm   |
| 10                                  | 10 mm    | 22    | 4330 mm  | 95 m              | 58.73 kg    | 00      | 4330 mm  | 0 mm   | 0 mm   |
| 11                                  | 12 mm    | 223   | 1595 mm  | 356 m             | 315.78 kg   | 21      | 750 mm   | 150 mm | 750 mm |
| 12                                  | 10 mm    | 74    | 5500 mm  | 407 m             | 250.93 kg   | 00      | 5500 mm  | 0 mm   | 0 mm   |
| 13                                  | 12 mm    | 438   | 7050 mm  | 3088 m            | 2741.48 kg  | 00      | 7050 mm  | 0 mm   | 0 mm   |
| 14                                  | 12 mm    | 264   | 5850 mm  | 1544 m            | 1371.14 kg  | 00      | 5850 mm  | 0 mm   | 0 mm   |
| 15                                  | 12 mm    | 16    | 3800 mm  | 61 m              | 53.98 kg    | 00      | 3800 mm  | 0 mm   | 0 mm   |
| 16                                  | 12 mm    | 218   | 5200 mm  | 1134 m            | 1006.43 kg  | 00      | 5200 mm  | 0 mm   | 0 mm   |
| 17                                  | 10 mm    | 18    | 9800 mm  | 176 m             | 108.76 kg   | 00      | 9800 mm  | 0 mm   | 0 mm   |
| 18                                  | 10 mm    | 128   | 11550 mm | 1478 m            | 911.49 kg   | 00      | 11550 mm | 0 mm   | 0 mm   |
| 19                                  | 12 mm    | 138   | 8070 mm  | 1114 m            | 988.72 kg   | 00      | 8070 mm  | 0 mm   | 0 mm   |
| 20                                  | 10 mm    | 82    | 5600 mm  | 459 m             | 283.11 kg   | 00      | 5600 mm  | 0 mm   | 0 mm   |
| 21                                  | 12 mm    | 126   | 6600 mm  | 832 m             | 738.31 kg   | 00      | 6600 mm  | 0 mm   | 0 mm   |
| 22                                  | 12 mm    | 46    | 8850 mm  | 407 m             | 361.43 kg   | 00      | 8850 mm  | 0 mm   | 0 mm   |
| 23                                  | 12 mm    | 268   | 7100 mm  | 1903 m            | 1689.33 kg  | 00      | 7100 mm  | 0 mm   | 0 mm   |
| 24                                  | 12 mm    | 16    | 2500 mm  | 40 m              | 35.51 kg    | 00      | 2500 mm  | 0 mm   | 0 mm   |
| 25                                  | 12 mm    | 16    | 2800 mm  | 45 m              | 39.77 kg    | 00      | 2800 mm  | 0 mm   | 0 mm   |
| 26                                  | 10 mm    | 90    | 8000 mm  | 720 m             | 443.91 kg   | 00      | 8000 mm  | 0 mm   | 0 mm   |
| 27                                  | 10 mm    | 18    | 8950 mm  | 161 m             | 99.32 kg    | 00      | 8950 mm  | 0 mm   | 0 mm   |
| 28                                  | 10 mm    | 14    | 10650 mm | 149 m             | 91.93 kg    | 00      | 10650 mm | 0 mm   | 0 mm   |
| 29                                  | 10 mm    | 46    | 6200 mm  | 285 m             | 175.84 kg   | 00      | 6200 mm  | 0 mm   | 0 mm   |
| 30                                  | 12 mm    | 8     | 7000 mm  | 56 m              | 49.72 kg    | 00      | 7000 mm  | 0 mm   | 0 mm   |
| 31                                  | 10 mm    | 8     | 2400 mm  | 19 m              | 11.84 kg    | 00      | 2400 mm  | 0 mm   | 0 mm   |
| 32                                  | 12 mm    | 64    | 1625 mm  | 104 m             | 92.33 kg    | 21      | 750 mm   | 175 mm | 750 mm |
| 33                                  | 12 mm    | 283   | 1650 mm  | 467 m             | 414.56 kg   | 21      | 750 mm   | 200 mm | 750 mm |
| 34                                  | 12 mm    | 81    | 1645 mm  | 133 m             | 118.30 kg   | 21      | 750 mm   | 200 mm | 750 mm |
| 35                                  | 12 mm    | 287   | 1630 mm  | 468 m             | 415.33 kg   | 21      | 750 mm   | 180 mm | 750 mm |
| 36                                  | 10 mm    | 4     | 4200 mm  | 17 m              | 10.36 kg    | 00      | 4200 mm  | 0 mm   | 0 mm   |
| 37                                  | 12 mm    | 80    | 9300 mm  | 744 m             | 660.53 kg   | 00      | 9300 mm  | 0 mm   | 0 mm   |
| 38                                  | 10 mm    | 90    | 9700 mm  | 873 m             | 538.24 kg   | 00      | 9700 mm  | 0 mm   | 0 mm   |
| 39                                  | 12 mm    | 184   | 2640 mm  | 486 m             | 431.26 kg   | 00      | 2640 mm  | 0 mm   | 0 mm   |
| 40                                  | 12 mm    | 10    | 1500 mm  | 15 m              | 13.32 kg    | 00      | 1500 mm  | 0 mm   | 0 mm   |
| 41                                  | 12 mm    | 110   | 3040 mm  | 334 m             | 296.89 kg   | 00      | 3040 mm  | 0 mm   | 0 mm   |
| 42                                  | 12 mm    | 77    | 3240 mm  | 249 m             | 221.49 kg   | 00      | 3240 mm  | 0 mm   | 0 mm   |
| 43                                  | 16 mm    | 128   | 6600 mm  | 845 m             | 1333.38 kg  | 00      | 6600 mm  | 0 mm   | 0 mm   |
| 44                                  | 10 mm    | 50    | 8890 mm  | 445 m             | 274.05 kg   | 00      | 8890 mm  | 0 mm   | 0 mm   |
| 45                                  | 12 mm    | 74    | 10115 mm | 749 m             | 664.54 kg   | 00      | 10115 mm | 0 mm   | 0 mm   |
| 46                                  | 10 mm    | 120   | 12005 mm | 1441 m            | 888.18 kg   | 00      | 12005 mm | 0 mm   | 0 mm   |
| 47                                  | 10 mm    | 48    | 5080 mm  | 244 m             | 150.34 kg   | 00      | 5080 mm  | 0 mm   | 0 mm   |
| 48                                  | 10 mm    | 72    | 10085 mm | 726 m             | 447.68 kg   | 00      | 10085 mm | 0 mm   | 0 mm   |
| 49                                  | 12 mm    | 27    | 8025 mm  | 217 m             | 192.37 kg   | 00      | 8025 mm  | 0 mm   | 0 mm   |
| 50                                  | 10 mm    | 120   | 11975 mm | 1437 m            | 885.96 kg   | 00      | 11975 mm | 0 mm   | 0 mm   |
| 51                                  | 12 mm    | 43    | 7080 mm  | 304 m             | 270.29 kg   | 00      | 7080 mm  | 0 mm   | 0 mm   |
| 52                                  | 10 mm    | 34    | 5090 mm  | 173 m             | 106.70 kg   | 00      | 5090 mm  | 0 mm   | 0 mm   |
| 53                                  | 12 mm    | 56    | 7115 mm  | 398 m             | 353.74 kg   | 00      | 7115 mm  | 0 mm   | 0 mm   |
| 54                                  | 10 mm    | 74    | 10090 mm | 747 m             | 460.34 kg   | 00      | 10090 mm | 0 mm   | 0 mm   |

| zestawienie zbrojenia-strop nad P01 |          |       |          |                   |             |         |          |        |        |
|-------------------------------------|----------|-------|----------|-------------------|-------------|---------|----------|--------|--------|
| numer pręta                         | średnica | ilość | długość  | całkowita długość | masa        | kształt | A        | B      | C      |
| 55                                  | 12 mm    | 7     | 3180 mm  | 22 m              | 19.76 kg    | 00      | 3180 mm  | 0 mm   | 0 mm   |
| 56                                  | 10 mm    | 16    | 3850 mm  | 62 m              | 37.98 kg    | 00      | 3850 mm  | 0 mm   | 0 mm   |
| 57                                  | 10 mm    | 28    | 4780 mm  | 134 m             | 82.52 kg    | 00      | 4780 mm  | 0 mm   | 0 mm   |
| 58                                  | 10 mm    | 74    | 5450 mm  | 403 m             | 248.65 kg   | 00      | 5450 mm  | 0 mm   | 0 mm   |
| 59                                  | 12 mm    | 16    | 2660 mm  | 43 m              | 37.79 kg    | 00      | 2660 mm  | 0 mm   | 0 mm   |
| 60                                  | 10 mm    | 11    | 12380 mm | 136 m             | 83.96 kg    | 00      | 12380 mm | 0 mm   | 0 mm   |
| 61                                  | 16 mm    | 25    | 4500 mm  | 113 m             | 177.56 kg   | 00      | 4500 mm  | 0 mm   | 0 mm   |
| 62                                  | 16 mm    | 142   | 6550 mm  | 930 m             | 1468.01 kg  | 00      | 6550 mm  | 0 mm   | 0 mm   |
| 63                                  | 16 mm    | 42    | 4520 mm  | 190 m             | 299.63 kg   | 00      | 4520 mm  | 0 mm   | 0 mm   |
| 64                                  | 10 mm    | 233   | 1185 mm  | 276 m             | 170.23 kg   | 21      | 550 mm   | 125 mm | 550 mm |
| 65                                  | 12 mm    | 35    | 1590 mm  | 56 m              | 49.41 kg    | 21      | 745 mm   | 150 mm | 745 mm |
| 66                                  | 12 mm    | 22    | 1575 mm  | 35 m              | 30.76 kg    | 21      | 750 mm   | 125 mm | 750 mm |
| 67                                  | 10 mm    | 59    | 1170 mm  | 69 m              | 42.56 kg    | 21      | 545 mm   | 125 mm | 545 mm |
| 68                                  | 10 mm    | 9     | 1180 mm  | 11 m              | 6.55 kg     | 21      | 545 mm   | 125 mm | 545 mm |
| 69                                  | 10 mm    | 8     | 1175 mm  | 9 m               | 5.80 kg     | 21      | 545 mm   | 125 mm | 545 mm |
| 70                                  | 12 mm    | 7     | 3170 mm  | 22 m              | 19.70 kg    | 00      | 3170 mm  | 0 mm   | 0 mm   |
| 71                                  | 10 mm    | 9     | 9000 mm  | 81 m              | 49.94 kg    | 00      | 9000 mm  | 0 mm   | 0 mm   |
| 72                                  | 10 mm    | 9     | 3940 mm  | 35 m              | 21.86 kg    | 00      | 3940 mm  | 0 mm   | 0 mm   |
| 73                                  | 10 mm    | 5     | 2150 mm  | 11 m              | 6.63 kg     | 00      | 2150 mm  | 0 mm   | 0 mm   |
| 74                                  | 10 mm    | 5     | 2315 mm  | 12 m              | 7.14 kg     | 00      | 2315 mm  | 0 mm   | 0 mm   |
| 75                                  | 12 mm    | 23    | 1580 mm  | 36 m              | 32.26 kg    | 21      | 755 mm   | 125 mm | 755 mm |
| 76                                  | 12 mm    | 9     | 8035 mm  | 72 m              | 64.20 kg    | 00      | 8035 mm  | 0 mm   | 0 mm   |
| 77                                  | 10 mm    | 14    | 11200 mm | 157 m             | 96.67 kg    | 00      | 11200 mm | 0 mm   | 0 mm   |
| 78                                  | 10 mm    | 48    | 8975 mm  | 431 m             | 265.60 kg   | 00      | 8975 mm  | 0 mm   | 0 mm   |
| 79                                  | 16 mm    | 35    | 7990 mm  | 280 m             | 441.38 kg   | 00      | 7990 mm  | 0 mm   | 0 mm   |
| 80                                  | 12 mm    | 20    | 6000 mm  | 120 m             | 106.54 kg   | 00      | 6000 mm  | 0 mm   | 0 mm   |
| Grand total                         |          | 8950  |          | 58537 m           | 47452.91 kg |         |          |        |        |

|   |                                 |  |   |            |       |         |  |
|---|---------------------------------|--|---|------------|-------|---------|--|
| Projektował   | dr inż. Rafał Pankau            | POM/0088/POOK/06<br><i>w specjalności konstrukcyjno - budowlanej do projektowania bez ograniczeń</i> |  |            |       |         |  |
| Opracował   | mgr inż. Mateusz Kolodyński     |  |   |            |       |         |  |
|   | mgr inż. Aneta Kazimierak       |  |   |            |       |         |  |
| Sprawdził   | dr inż. Włodzimierz Werochowski | POM/0093/POOK/06<br><i>w specjalności konstrukcyjno - budowlanej do projektowania bez ograniczeń</i> |  |            |       |         |  |
| Zamawiający / Inwestor<br>Komenda Wojewódzka Policji w Poznaniu ul.Kochanowskiego 2A 60-844 Poznań                              |                                 |  |   |            |       |         |  |
| Nazwa inwestycji<br>Budowa nowej siedziby Komendy Powiatowej Policji przy ul. Bydgoskiej w Pile wraz z niezbędną infrastrukturą |                                 |  |   |            |       |         |  |
| Adres obiektu budowlanego<br>ul.Bydgoska 115 64-920 Pila, dz.ewid.nr 331/1, 331/7, 331/10, 389 obręb ewid. Pila 27              |                                 |  |   |            |       |         |  |
|    |                                 | INDUSTRIA PROJECT<br>ul. Azymutalna 9<br>80-298 Gdańsk   |   |            |       |         |  |
| Tytuł rysunku<br><br>Zestawienie zbrojenia-strop nad P01  |                                 |  |   |            |       |         |  |
| Faza projektu   | Skala                           | Branża   | Data  |            |       |         |  |
| Projekt Wykonawczy  |                                 | Konstrukcja  | 05/23/19  |            |       |         |  |
| Autor   | Nr. projektu                    | Faza   | Typ   | Tom/Branża | Numer | Rewizja |  |
| IP 242_PW_DR_IJK.10023  |                                 |  |   |            |       | 00      |  |