

## ZESTAWIENIE STALI NR 7

**OBIEKT:** BUDYNEK CENTRUM EKOINNOWACJI  
Z GARAŻEM PODZIEMNYM W GDAŃSKU

**DATA:** 01.2021

**RYSUNEK:** Rys. zbrojeniowy biegów schodowych klatki A1

**NR RYS.:** K-007

| $\phi$ | DŁ. CAŁKOWITA<br>[m] | CIEŻAR<br>[kg/m] | CIEŻAR CAŁKOWITY<br>[kg] |
|--------|----------------------|------------------|--------------------------|
| 6      | 107,2                | 0,222            | 23,8                     |
| 8      | 317,34               | 0,395            | 125,3                    |
| 10     | 45                   | 0,617            | 27,8                     |
| 12     | 1057,87              | 0,888            | 939,4                    |
| 16     | 1017,36              | 1,58             | 1607,4                   |
| 20     | 0                    | 2,47             | 0,0                      |
| 25     | 0                    | 3,85             | 0,0                      |
| 32     | 0                    | 6,31             | 0,0                      |
| RAZEM: |                      |                  | 2724 kg                  |

### UWAGI:

#### 1. STAL:

- pręty zbrojenia głównego: A-IIIN (BSt500S)
- strzemiona : A-IIIN (BSt500S)

#### 2. ILOŚĆ STRON: 3

#### 3. WYMIARY PRĘTÓW ZBROJENIOWYCH PODANO W OSI PRĘTA.

## ZESTAWIENIE ZBIORCZE

| Nr.<br>pręta | φ<br>[mm] | ILOŚĆ<br>[szt.] | TYP | DŁUGOŚCI [cm] |     |      |      |      |   |   |   |   |   | DŁ. CAŁK.<br>[cm] | STAL    | UWAGI |
|--------------|-----------|-----------------|-----|---------------|-----|------|------|------|---|---|---|---|---|-------------------|---------|-------|
|              |           |                 |     | A             | B   | C    | D    | E    | F | G | H | I | J |                   |         |       |
| 1            | 16        | 10              | 13  | 271           | 153 | <149 |      |      |   |   |   |   |   | 424               | A-IIIIN |       |
| 2            | 16        | 10              | 13  | 85            | 196 | <149 |      |      |   |   |   |   |   | 281               | A-IIIIN |       |
| 3            | 16        | 10              | 11  | 20            | 90  |      |      |      |   |   |   |   |   | 110               | A-IIIIN |       |
| 4            | 12        | 2               | 08  | 195           |     |      |      |      |   |   |   |   |   | 195               | A-IIIIN |       |
| 5            | 8         | 246             | 08  | 129           |     |      |      |      |   |   |   |   |   | 129               | A-IIIIN |       |
| 6            | 12        | 108             | 08  | 284           |     |      |      |      |   |   |   |   |   | 284               | A-IIIIN |       |
| 7            | 16        | 10              | 13  | 80            | 80  | <149 |      |      |   |   |   |   |   | 160               | A-IIIIN |       |
| 8            | 16        | 10              | 13  | 95            | 201 | <149 |      |      |   |   |   |   |   | 296               | A-IIIIN |       |
| 9            | 16        | 10              | 23  | 225           | 294 | 176  | <149 | <149 |   |   |   |   |   | 695               | A-IIIIN |       |
| 10           | 16        | 10              | 13  | 95            | 220 | <149 |      |      |   |   |   |   |   | 315               | A-IIIIN |       |
| 11           | 16        | 10              | 11  | 20            | 90  |      |      |      |   |   |   |   |   | 110               | A-IIIIN |       |
| 12           | 12        | 10              | 23  | 248           | 277 | 167  | <149 | <149 |   |   |   |   |   | 692               | A-IIIIN |       |
| 13           | 12        | 10              | 13  | 95            | 205 | <149 |      |      |   |   |   |   |   | 300               | A-IIIIN |       |
| 14           | 12        | 10              | 13  | 80            | 80  | <149 |      |      |   |   |   |   |   | 160               | A-IIIIN |       |
| 15           | 12        | 10              | 13  | 85            | 235 | <149 |      |      |   |   |   |   |   | 320               | A-IIIIN |       |
| 16           | 12        | 10              | 13  | 85            | 90  | <149 |      |      |   |   |   |   |   | 175               | A-IIIIN |       |
| 17           | 12        | 1               | 08  | 218           |     |      |      |      |   |   |   |   |   | 218               | A-IIIIN |       |
| 18           | 12        | 20              | 08  | 284           |     |      |      |      |   |   |   |   |   | 284               | A-IIIIN |       |
| 19           | 16        | 20              | 08  | 284           |     |      |      |      |   |   |   |   |   | 284               | A-IIIIN |       |
| 20           | 6         | 80              | 61  | 5             | 24  | 38   | 24   | 38   | 5 |   |   |   |   | 134               | A-IIIIN |       |
| 21           | 12        | 10              | 13  | 139           | 171 | <149 |      |      |   |   |   |   |   | 310               | A-IIIIN |       |
| 22           | 12        | 10              | 13  | 129           | 80  | <149 |      |      |   |   |   |   |   | 209               | A-IIIIN |       |
| 23           | 12        | 10              | 13  | 73            | 239 | <149 |      |      |   |   |   |   |   | 312               | A-IIIIN |       |
| 24           | 16        | 10              | 13  | 368           | 148 | <149 |      |      |   |   |   |   |   | 516               | A-IIIIN |       |
| 25           | 16        | 10              | 13  | 100           | 190 | <149 |      |      |   |   |   |   |   | 290               | A-IIIIN |       |
| 26           | 16        | 10              | 11  | 20            | 90  |      |      |      |   |   |   |   |   | 110               | A-IIIIN |       |
| 27           | 16        | 10              | 23  | 219           | 295 | 190  | <149 | <149 |   |   |   |   |   | 704               | A-IIIIN |       |
| 28           | 16        | 10              | 13  | <b>95</b>     | 177 | <149 |      |      |   |   |   |   |   | 272               | A-IIIIN |       |
| 29           | 16        | 10              | 13  | 80            | 80  | <149 |      |      |   |   |   |   |   | 160               | A-IIIIN |       |
| 30           | 16        | 10              | 13  | 95            | 232 | <149 |      |      |   |   |   |   |   | 327               | A-IIIIN |       |
| 31           | 16        | 10              | 11  | 20            | 90  |      |      |      |   |   |   |   |   | 110               | A-IIIIN |       |
| 32           | 10        | 60              | 31  | <b>30</b>     | 15  | 30   |      |      |   |   |   |   |   | 75                | A-IIIIN |       |
| 33           | 12        | 10              | 13  | 236           | 289 | <149 |      |      |   |   |   |   |   | 525               | A-IIIIN |       |
| 34           | 12        | 10              | 13  | 247           | 95  | <149 |      |      |   |   |   |   |   | 342               | A-IIIIN |       |
| 35           | 12        | 10              | 13  | 80            | 80  | <149 |      |      |   |   |   |   |   | 160               | A-IIIIN |       |
| 36           | 12        | 10              | 13  | 85            | 167 | <149 |      |      |   |   |   |   |   | 252               | A-IIIIN |       |
| 37           | 12        | 1               | 08  | 190           |     |      |      |      |   |   |   |   |   | 190               | A-IIIIN |       |
| 38           | 12        | 1               | 08  | 235           |     |      |      |      |   |   |   |   |   | 235               | A-IIIIN |       |
| 39           | 16        | 20              | 13  | 455           | 106 | <148 |      |      |   |   |   |   |   | 561               | A-IIIIN |       |
| 40           | 16        | 20              | 13  | 95            | 147 | <148 |      |      |   |   |   |   |   | 242               | A-IIIIN |       |
| 41           | 16        | 20              | 11  | 20            | 90  |      |      |      |   |   |   |   |   | 110               | A-IIIIN |       |
| 42           | 12        | 20              | 13  | 368           | 177 | <148 |      |      |   |   |   |   |   | 545               | A-IIIIN |       |
| 43           | 12        | 20              | 13  | 135           | 95  | <148 |      |      |   |   |   |   |   | 230               | A-IIIIN |       |
| 44           | 12        | 20              | 13  | 80            | 80  | <148 |      |      |   |   |   |   |   | 160               | A-IIIIN |       |
| 45           | 12        | 20              | 13  | 85            | 165 | <148 |      |      |   |   |   |   |   | 250               | A-IIIIN |       |
| 46           | 12        | 2               | 08  | 151           |     |      |      |      |   |   |   |   |   | 151               | A-IIIIN |       |
| 47           | 16        | 74              | 08  | 284           |     |      |      |      |   |   |   |   |   | 284               | A-IIIIN |       |
| 48           | 12        | 10              | 13  | <b>123</b>    | 104 | <149 |      |      |   |   |   |   |   | 227               | A-IIIIN |       |
| 49           | 16        | 20              | 13  | <b>128</b>    | 78  | <149 |      |      |   |   |   |   |   | 206               | A-IIIIN |       |
| 50           | 16        | 20              | 13  | 50            | 143 | <149 |      |      |   |   |   |   |   | 193               | A-IIIIN |       |
| 51           | 12        | 20              | 13  | 123           | 105 | <148 |      |      |   |   |   |   |   | 228               | A-IIIIN |       |

# WYKAZ TYPÓW PRĘTÓW

|  |        |        |        |                        |        |                                  |                                      |
|--|--------|--------|--------|------------------------|--------|----------------------------------|--------------------------------------|
| 01<br>STANDARD<br>LENGTH<br>(12 or 14m)<br>A | —      | —      | 04<br> | 05<br>                 | 06<br> | 07<br>                           | 08<br>NOT<br>STANDARD<br>LENGTH<br>A |
| 11<br>                                       | 12<br> | 13<br> | 14<br> | 15<br>Hooks=B<br>A<br> | 16<br> | 17<br>A=Circ.+lap<br>            | 18<br>                               |
| 21<br>                                       | 22<br> | 23<br> | 24<br> | 25<br>                 | 26<br> | 27<br>                           | 28<br>                               |
| 31<br>                                       | 32<br> | 33<br> | 34<br> | 35<br>                 | 36<br> | 37<br>                           | 38<br>                               |
| 41<br>                                       | 42<br> | 43<br> | 44<br> | 45<br>                 | 46<br> | 47<br>                           | 48<br>                               |
| 51<br>                                       | 52<br> | 53<br> | 54<br> | 55<br>                 | 56<br> | 57<br>                           | 58<br>                               |
| 61<br>                                       | 62<br> | 63<br> | 64<br> | 65<br>                 | 66<br> | 77<br>A=Circumference length<br> |                                      |