

|  |      |                      |  |   |  |              |                     |           |           |          |
|--|------|----------------------|--|---|--|--------------|---------------------|-----------|-----------|----------|
| STATIKA  |      |                      |  | WYKAZ MATERIAŁU<br>NR <b>ZK-02</b> rev.00 |  |              | Nr projektu:        |           | St-164/13 |          |
|  |      |                      |  |   |  |              | Nr strony           |           | 1         |          |
|  |      |                      |  |   |  |              | Ilość stron         |           | 1         |          |
| obiekt: Rozbudowa Wydziału Zarządzania i Ekonomii Politechniki Gdańskiej<br>ul. R. Traugutta 79, 80-233 Gdańsk, dz. nr 273, obr. 54, m. Gdańsk |      |                      |  |   |  |              |                     |           |           |          |
|  |      |                      |  |   |  |              | Data:               |           | 10.2014   |          |
|  |      |                      |  |   |  |              | Wykonała: J. WOJTAS |           |           |          |
| ELEMENT: <b>KONSTRUKCJA STALOWA STROPU</b>   |      |                      |  |   |  |              |                     |           |           |          |
| Poz.   | Szt. | Kształtownik wymiary |  |   |  | długość [mm] | Masa Jednost.       | Masa [kg] |           | UWAGI    |
|  |      |                      |  |   |  |              |                     | 1szt.     | całk.     |          |
| 1  | 2    | 3                    |  |   |  | 4            | 5                   | 6         | 7         | 8        |
|  |      |                      |  |   |  | Szt. 1       |                     |           |           |          |
|  |      |                      |  |   |  |              |                     |           |           |          |
| Bs-1   | 1    | HEB 320              |  |   |  | 9170         | 127,00              | 1164,59   | 1164,6    | S355J2G3 |
| Bs-2   | 1    | HEB 280              |  |   |  | 4460         | 103,00              | 459,38    | 459,4     | S355J2G3 |
| Bs-3   | 1    | HEB 280              |  |   |  | 5480         | 103,00              | 564,44    | 564,4     | S355J2G3 |
| Bs-4   | 1    | HEB 280              |  |   |  | 6500         | 103,00              | 669,50    | 669,5     | S355J2G3 |
| Bs-5   | 1    | HEB 280              |  |   |  | 7535         | 103,00              | 776,11    | 776,1     | S355J2G3 |
| Bs-6   | 1    | HEB 300              |  |   |  | 8550         | 117,00              | 1000,35   | 1000,4    | S355J2G3 |
| Bs-7   | 1    | HEB 280              |  |   |  | 6220         | 103,00              | 640,66    | 640,7     | S355J2G3 |
| Bs-8   | 1    | HEB 300              |  |   |  | 6730         | 117,00              | 787,41    | 787,4     | S355J2G3 |
| Bs-9   | 1    | HEB 320              |  |   |  | 7060         | \                   | #ARG!     | #ARG!     | S355J2G3 |
| B-1a   | 1    | HEB 180              |  |   |  | 2100         | 51,20               | 107,52    | 107,5     | S355J2G3 |
| B-1b   | 1    | HEB 180              |  |   |  | 2200         | 51,20               | 112,64    | 112,6     | S355J2G3 |
| B-2a   | 2    | HEB 180              |  |   |  | 2900         | 51,20               | 148,48    | 297,0     | S355J2G3 |
| B-2b   | 1    | HEB 180              |  |   |  | 2900         | 51,20               | 148,48    | 148,5     | S355J2G3 |
| B-9  | 1    | HEB 180              |  |   |  | 2750         | 51,20               | 140,80    | 140,8     | S355J2G3 |
| B-3a   | 1    | HEB 180              |  |   |  | 3200         | 51,20               | 163,84    | 163,8     | S355J2G3 |
| B-3b   | 1    | HEB 180              |  |   |  | 4200         | 51,20               | 215,04    | 215,0     | S355J2G3 |
| B-4a   | 8    | HEB 180              |  |   |  | 3320         | 51,20               | 169,98    | 1359,9    | S355J2G3 |
| B-4b   | 4    | HEB 180              |  |   |  | 3500         | 51,20               | 179,20    | 716,8     | S355J2G3 |
| B-4c   | 1    | HEB 180              |  |   |  | 1600         | 51,20               | 81,92     | 81,9      | S355J2G3 |
| B-4d   | 1    | HEB 180              |  |   |  | 1200         | 51,20               | 61,44     | 61,4      | S355J2G3 |
| B-5  | 1    | HEB 320              |  |   |  | 4710         | 127,00              | 598,17    | 598,2     | S355J2G3 |
| B-5a   | 4    | HEB 180              |  |   |  | 2220         | 51,20               | 113,66    | 454,7     | S355J2G3 |
| B-7  | 1    | HEB 240              |  |   |  | 3350         | 83,20               | 278,72    | 278,7     | S355J2G3 |
| B-7a   | 1    | HEB 180              |  |   |  | 2000         | 51,20               | 102,40    | 102,4     | S355J2G3 |
| B-7b   | 1    | HEB 180              |  |   |  | 1200         | 51,20               | 61,44     | 61,4      | S355J2G3 |
|  |      |                      |  |   |  |              |                     |           |           |          |
|  |      |                      |  |   |  |              |                     |           |           |          |
|  |      |                      |  |   |  |              | 1szt.               | RAZEM     | #ARG!     | kg       |
| naddatek na spoiny i el. dodatkowe (blachy węzłowe, marki)   |      |                      |  |   |  |              | 10%                 | RAZEM     | #ARG!     | kg       |
|  |      | śruby i podkładki    |  |   |  |              |                     |           |           |          |
|  |      |                      |  |   |  |              |                     |           |           |          |

| STATIKA  |      |                          |  |  |  |  | WYKAZ MATERIAŁU               |                  |           | Nr projektu:        |          | St-164/13 |  |
|--|------|--------------------------|--|--|--|--|-------------------------------|------------------|-----------|---------------------|----------|-----------|--|
|  |      |                          |  |  |  |  | NR        ZK-03        rev.00 |                  |           | Nr strony           |          | 1         |  |
|  |      |                          |  |  |  |  |                               |                  |           | Ilość stron         |          | 1         |  |
| obiekt: Rozbudowa Wydziału Zarządzania i Ekonomii Politechniki Gdańskiej<br>ul. R. Traugutta 79, 80-233 Gdańsk, dz. nr 273, obr. 54, m. Gdańsk |      |                          |  |  |  |  |                               |                  |           |                     |          |           |  |
|  |      |                          |  |  |  |  |                               |                  |           | Data:               |          | 10.2014   |  |
|  |      |                          |  |  |  |  |                               |                  |           | Wykonała: J. WOJTAS |          |           |  |
| ELEMENT:        KONSTRUKCJA STAŁOWA DACHU  |      |                          |  |  |  |  |                               |                  |           |                     |          |           |  |
| Poz.   | Szt. | Kształtownik<br>wymiarów |  |  |  |  | długość<br>[mm]               | Masa<br>Jednost. | Masa [kg] |                     | UWAGI    |           |  |
|  |      |                          |  |  |  |  |                               |                  | 1szt.     | całk.               |          |           |  |
| 1  | 2    | 3                        |  |  |  |  | 4                             | 5                | 6         | 7                   | 8        |           |  |
|  |      |                          |  |  |  |  | Szt. 1                        |                  |           |                     |          |           |  |
|  |      |                          |  |  |  |  |                               |                  |           |                     |          |           |  |
| D-1  | 1    | IPE 300                  |  |  |  |  | 8765                          | 42,20            | 369,88    | 369,9               | S355J2G3 |           |  |
| D-2  | 1    | IPE 300                  |  |  |  |  | 7325                          | 42,20            | 309,12    | 309,1               | S355J2G3 |           |  |
| D-3  | 1    | IPE 300                  |  |  |  |  | 6810                          | 42,20            | 287,38    | 287,4               | S355J2G3 |           |  |
| D-4  | 1    | IPE 300                  |  |  |  |  | 5570                          | 42,20            | 235,05    | 235,1               | S355J2G3 |           |  |
| D-5  | 1    | IPE 300                  |  |  |  |  | 6590                          | 42,20            | 278,10    | 278,1               | S355J2G3 |           |  |
| D-6  | 1    | IPE 300                  |  |  |  |  | 7615                          | 42,20            | 321,35    | 321,4               | S355J2G3 |           |  |
| D-7  | 1    | IPE 330                  |  |  |  |  | 8640                          | 49,10            | 424,22    | 424,2               | S355J2G3 |           |  |
| D-7.1  | 1    | IPE 180                  |  |  |  |  | 5265                          | 18,80            | 98,98     | 99,0                | S355J2G3 |           |  |
| D-8  | 1    | IPE 300                  |  |  |  |  | 8175                          | 42,20            | 344,99    | 345,0               | S355J2G3 |           |  |
| D-9  | 1    | IPE 300                  |  |  |  |  | 6250                          | 42,20            | 263,75    | 263,8               | S355J2G3 |           |  |
| D-10   | 1    | IPE 140                  |  |  |  |  | 2150                          | 12,90            | 27,74     | 27,7                | S355J2G3 |           |  |
| D-11   | 1    | IPE 330                  |  |  |  |  | 6500                          | 49,10            | 319,15    | 319,2               | S355J2G3 |           |  |
| T-1a   | 1    | Rura Ø76.1/3.6           |  |  |  |  | 2130                          | 6,44             | 13,72     | 13,7                | S235     |           |  |
| T-1b   | 1    | Rura Ø76.1/3.6           |  |  |  |  | 2230                          | 6,44             | 14,36     | 14,4                | S235     |           |  |
| T-2a   | 1    | Rura Ø76.1/3.6           |  |  |  |  | 3545                          | 6,44             | 22,83     | 22,8                | S235     |           |  |
| T-2b   | 2    | Rura Ø76.1/3.6           |  |  |  |  | 2950                          | 6,44             | 19,00     | 38,0                | S235     |           |  |
| T-3a   | 1    | Rura Ø76.1/3.6           |  |  |  |  | 4400                          | 6,44             | 28,34     | 28,3                | S235     |           |  |
| T-3b   | 2    | Rura Ø76.1/3.6           |  |  |  |  | 3500                          | 6,44             | 22,54     | 45,1                | S235     |           |  |
| T-4  | 1    | Rura Ø76.1/3.6           |  |  |  |  | 4620                          | 6,44             | 29,75     | 29,8                | S235     |           |  |
| T-5  | 1    | Rura Ø76.1/3.6           |  |  |  |  | 3740                          | 6,44             | 24,09     | 24,1                | S235     |           |  |
| T-6a   | 2    | Rura Ø76.1/3.6           |  |  |  |  | 3600                          | 6,44             | 23,18     | 46,4                | S235     |           |  |
| T-6b   | 2    | Rura Ø76.1/3.6           |  |  |  |  | 3740                          | 6,44             | 24,09     | 48,2                | S235     |           |  |
| T-7  | 1    | Rura Ø76.1/3.6           |  |  |  |  | 1870                          | 6,44             | 12,04     | 12,0                | S235     |           |  |
| T-8a   | 1    | Rura Ø76.1/3.6           |  |  |  |  | 3425                          | 6,44             | 22,06     | 22,1                | S235     |           |  |
| T-8b   | 1    | Rura Ø76.1/3.6           |  |  |  |  | 2650                          | 6,44             | 17,07     | 17,1                | S235     |           |  |
| Wd-2   | 1    | IPE 180                  |  |  |  |  | 3450                          | 18,80            | 64,86     | 64,9                | S355J2G3 |           |  |
| Bd-1...  | 1    | HEB 140                  |  |  |  |  | 24000                         | 33,70            | 808,80    | 808,8               | S355J2G3 |           |  |
| St-...   | 1    | Pręt Ø16                 |  |  |  |  | 134800                        | 1,58             | 212,98    | 213,0               | S355J2G3 |           |  |
| Z-1...   | 1    | Rura Ø54/3.2             |  |  |  |  | 30270                         | 4,01             | 121,38    | 121,4               | S235     |           |  |
| Kd-1   | 1    | L 120x80x8               |  |  |  |  | 17500                         | 12,20            | 213,50    | 213,5               | S235     |           |  |
| Sa-...   | 8    | Rk. 100x100x5zg.         |  |  |  |  | 2500                          | 14,08            | 35,20     | 281,6               | S235     |           |  |
| C-1  | 1    | C100x50x5zg.             |  |  |  |  | 32100                         | 6,98             | 224,06    | 224,1               | S235     |           |  |
| C-2  | 1    | C100x50x5zg.             |  |  |  |  | 32100                         | 6,98             | 224,06    | 224,1               | S235     |           |  |
|  |      |                          |  |  |  |  |                               |                  |           |                     |          |           |  |
|  |      |                          |  |  |  |  |                               | 1 szt.           | RAZEM     | 5792,82             | kg       |           |  |
| naddatek na spoiny i el. dodatkowe (blachy węzłowe, marki)   |      |                          |  |  |  |  |                               | 10%              | RAZEM     | 6372,1              | kg       |           |  |
|  |      | śruby i podkładki        |  |  |  |  |                               |                  |           |                     |          |           |  |
|  |      |                          |  |  |  |  |                               |                  |           |                     |          |           |  |

|  |      |                          |  |   |  |               |                     |           |                       |                 |
|--|------|--------------------------|--|---|--|---------------|---------------------|-----------|-----------------------|-----------------|
| STATIKA  |      |                          |  | WYKAZ MATERIAŁU<br>NR <b>ZK-04</b> rev.00 |  |               | Nr projektu:        |           | St-164/13             |                 |
|  |      |                          |  |   |  |               | Nr strony           |           | 1                     |                 |
|  |      |                          |  | Ilość stron                               |  | 1             |                     |           |                       |                 |
| obiekt: Rozbudowa Wydziału Zarządzania i Ekonomii Politechniki Gdańskiej<br><br>ul. R. Traugutta 79, 80-233 Gdańsk, dz. nr 273, obr. 54, m. Gdańsk |      |                          |  |   |  |               |                     |           |                       |                 |
|  |      |                          |  |   |  |               | Data:               |           | 10.2014               |                 |
|  |      |                          |  |   |  |               | Wykonała: J. WOJTAS |           |                       |                 |
| ELEMENT: <b>KONSTRUKCJA WSPORCZA ATTYK I URZADZEŃ NA DACHU</b>   |      |                          |  |   |  |               |                     |           |                       |                 |
| Poz.   | Szt. | Kształtownik wymiary     |  |   |  | długość [mm]  | Masa Jednost.       | Masa [kg] |                       | UWAGI           |
|  |      |                          |  |   |  |               |                     | 1 szt.    | całk.                 |                 |
| 1  | 2    | 3                        |  |   |  | 4             | 5                   | 6         | 7                     | 8               |
|  |      |                          |  |   |  | <b>Szt. 1</b> |                     |           |                       |                 |
|  |      |                          |  |   |  |               |                     |           |                       |                 |
| Wn-1   | 2    | 2x C140                  |  |   |  | 5000          | 32,00               | 160,00    | 320,0                 | <b>S355J2G3</b> |
| Wn-2   | 2    | 2x C140                  |  |   |  | 5000          | 32,00               | 160,00    | 320,0                 | <b>S355J2G3</b> |
| Stw-...  | 8    | Pręt Ø16                 |  |   |  | 3800          | 1,58                | 6,00      | 48,0                  | <b>S355J2G3</b> |
| Wn-3   | 2    | Rk. 100x100x5zg          |  |   |  | 4200          | 14,41               | 60,52     | 121,0                 | <b>S235JR</b>   |
| Wn-4   | 2    | Rk. 100x100x5zg          |  |   |  | 4200          | 14,41               | 60,52     | 121,0                 | <b>S235JR</b>   |
| Ot-1   | 2    | Rk. 80x80x5zg            |  |   |  | 3800          | 11,27               | 42,83     | 85,7                  | <b>S235JR</b>   |
|  | 3    | Rk. 60x60x4zg            |  |   |  | 1000          | 6,71                | 6,71      | 20,1                  | <b>S235JR</b>   |
| Sc-...   | 16   | Rk. 100x100x5zg          |  |   |  | 800           | 14,41               | 11,53     | 184,4                 | <b>S235JR</b>   |
|  |      |                          |  |   |  |               |                     |           |                       |                 |
|  |      |                          |  |   |  |               |                     |           |                       |                 |
|  |      |                          |  |   |  |               | 1szt.               | RAZEM     | <b><u>1220,35</u></b> | kg              |
| naddatek na spoiny i el. dodatkowe (blachy węzłowe, marki)   |      |                          |  |   |  |               | 10%                 | RAZEM     | <b><u>1342,4</u></b>  | kg              |
|  |      | <b>śruby i podkładki</b> |  |   |  |               |                     |           |                       |                 |
|  |      |                          |  |   |  |               |                     |           |                       |                 |

|  |      |                      |  |                 |              |               |                     |           |          |
|--|------|----------------------|--|-----------------|--------------|---------------|---------------------|-----------|----------|
| STATIKA  |      |                      |  | WYKAZ MATERIAŁU |              |               | Nr projektu:        | St-164/13 |          |
|  |      |                      |  | NR              | ZK-07        | rev.00        | Nr strony           | 1         |          |
|  |      |                      |  |                 |              |               | Ilość stron         | 1         |          |
| obiekt: Rozbudowa Wydziału Zarządzania i Ekonomii Politechniki Gdańskiej<br>ul. R. Traugutta 79, 80-233 Gdańsk, dz. nr 273, obr. 54, m. Gdańsk |      |                      |  |                 |              |               | Data:               | 10.2014   |          |
|  |      |                      |  |                 |              |               | Wykonała: J. WOJTAS |           |          |
| ELEMENT: WZMOCNIENIA KONSTRUKCJI ISTNIEJĄCEJ (PODZIEMIE)   |      |                      |  |                 |              |               |                     |           |          |
| Poz.   | Szt. | Kształtownik wymiary |  |                 | długość [mm] | Masa Jednost. | Masa [kg]           |           | UWAGI    |
|  |      |                      |  |                 |              |               | 1szt.               | całk.     |          |
| 1  | 2    | 3                    |  |                 | 4            | 5             | 6                   | 7         | 8        |
|  |      |                      |  |                 | Szt. 1       |               |                     |           |          |
|  |      |                      |  |                 |              |               |                     |           |          |
|  | 4    | HEB 240              |  |                 | 6400         | 83,20         | 532,48              | 2129,9    | S355J2G3 |
|  | 2    | HEB 240              |  |                 | 1300         | 83,20         | 108,16              | 216,3     | S355J2G3 |
|  | 3    | IPE 160              |  |                 | 2000         | 15,80         | 31,60               | 94,8      | S355J2G3 |
|  | 1    | C160                 |  |                 | 2800         | 18,80         | 52,64               | 52,6      | S355J2G3 |
|  | 2    | Pręt Ø12             |  |                 | 2300         | 0,89          | 2,04                | 4,1       | S355J2G3 |
|  |      |                      |  |                 |              |               |                     |           |          |
|  |      |                      |  |                 |              |               |                     |           |          |
|  |      |                      |  |                 |              | 1szt.         | RAZEM               | 2497,76   | kg       |
| naddatek na spoiny i el. dodatkowe (blachy węzłowe, marki)   |      |                      |  |                 |              | 10%           | RAZEM               | 2747,5    | kg       |
|  |      | śruby i podkładki    |  |                 |              |               |                     |           |          |
|  |      |                      |  |                 |              |               |                     |           |          |

|  |      |                      |  |  |  |  |              |                     |              |         |           |  |
|--|------|----------------------|--|--|--|--|--------------|---------------------|--------------|---------|-----------|--|
| STATIKA  |      |                      |  |  |  | WYKAZ MATERIAŁU<br>NR      ZK-30      rev.00 |              |                     | Nr projektu: |         | St-164/13 |  |
|  |      |                      |  |  |  |  |              |                     | Nr strony    |         | 1         |  |
|  |      |                      |  |  |  |  |              |                     | Ilość stron  |         | 1         |  |
| obiekt: Rozbudowa Wydziału Zarządzania i Ekonomii Politechniki Gdańskiej<br>ul. R. Traugutta 79, 80-233 Gdańsk, dz. nr 273, obr. 54, m. Gdańsk |      |                      |  |  |  |  |              |                     |              |         |           |  |
|  |      |                      |  |  |  |  |              | Data:               |              | 10.2014 |           |  |
|  |      |                      |  |  |  |  |              | Wykonała: J. WOJTAS |              |         |           |  |
| ELEMENT:      KRATOWNICA GŁÓWNA WK-1   |      |                      |  |  |  |  |              |                     |              |         |           |  |
| Poz.   | Szt. | Kształtownik wymiary |  |  |  |  | długość [mm] | Masa Jednost.       | Masa [kg]    |         | UWAGI     |  |
|  |      |                      |  |  |  |  |              |                     | 1szt.        | całk.   |           |  |
| 1  | 2    | 3                    |  |  |  |  | 4            | 5                   | 6            | 7       | 8         |  |
|  |      |                      |  |  |  | Szt. 1                                       |              |                     |              |         |           |  |
|  |      |                      |  |  |  |  |              |                     |              |         |           |  |
| 01.  | 1    | HEB 320              |  |  |  |  | 18375        | 127,00              | 2333,63      | 2333,6  | S355J2G3  |  |
| 02.  | 1    | HEB 320              |  |  |  |  | 18364        | 127,00              | 2332,23      | 2332,2  | S355J2G3  |  |
| 03.  | 1    | HEB 320              |  |  |  |  | 3506         | 127,00              | 445,26       | 445,3   | S355J2G3  |  |
| 04.  | 1    | HEB 320              |  |  |  |  | 3146         | 127,00              | 399,54       | 399,5   | S355J2G3  |  |
|  | 1    | HEB 320              |  |  |  |  | 256          | 127,00              | 32,51        | 32,5    | S355J2G3  |  |
| 05.  | 1    | HEB 240              |  |  |  |  | 4451         | 83,20               | 370,32       | 370,3   | S355J2G3  |  |
| 06.  | 1    | HEB 240              |  |  |  |  | 3093         | 83,20               | 257,34       | 257,3   | S355J2G3  |  |
| 07.  | 1    | HEB 240              |  |  |  |  | 4419         | 83,20               | 367,66       | 367,7   | S355J2G3  |  |
| 08.  | 1    | HEB 240              |  |  |  |  | 3022         | 83,20               | 251,43       | 251,4   | S355J2G3  |  |
| 09.  | 1    | HEB 240              |  |  |  |  | 4367         | 83,20               | 363,33       | 363,3   | S355J2G3  |  |
| 10.  | 1    | HEB 240              |  |  |  |  | 3080         | 83,20               | 256,26       | 256,3   | S355J2G3  |  |
| 11.  | 1    | HEB 240              |  |  |  |  | 4265         | 83,20               | 354,85       | 354,8   | S355J2G3  |  |
| 12.  | 1    | HEB 240              |  |  |  |  | 2885         | 83,20               | 240,03       | 240,0   | S355J2G3  |  |
| 13.  | 1    | HEB 240              |  |  |  |  | 4195         | 83,20               | 349,02       | 349,0   | S355J2G3  |  |
|  | 4    | BL.    24   x   350  |  |  |  |  | 350          | 65,94               | 23,08        | 92,3    | S355J2G3  |  |
|  | 8    | BL.    16   x   70   |  |  |  |  | 70           | 8,79                | 0,62         | 4,9     | S355J2G3  |  |
|  | 4    | Pręt Ø20             |  |  |  |  | 2400         | 2,47                | 5,92         | 23,7    | S355J2G3  |  |
|  | 4    | BL.    16   x   144  |  |  |  |  | 256          | 18,09               | 4,63         | 18,5    | S355J2G3  |  |
|  | 12   | BL.    16   x   144  |  |  |  |  | 279          | 18,09               | 5,05         | 60,6    | S355J2G3  |  |
|  | 8    | BL.    20   x   144  |  |  |  |  | 279          | 22,61               | 6,31         | 50,5    | S355J2G3  |  |
|  | 2    | BL.    20   x   340  |  |  |  |  | 340          | 53,38               | 18,15        | 36,3    | S355J2G3  |  |
|  | 1    | BL.    16   x   120  |  |  |  |  | 120          | 15,07               | 1,81         | 1,8     | S355J2G3  |  |
|  | 1    | BL.    8    x   120  |  |  |  |  | 120          | 7,54                | 0,90         | 0,9     | S355J2G3  |  |
|  | 2    | BL.    16   x   320  |  |  |  |  | 320          | 40,19               | 12,86        | 25,7    | S355J2G3  |  |
|  | 2    | BL.    16   x   370  |  |  |  |  | 370          | 46,47               | 17,19        | 34,4    | S355J2G3  |  |
|  | 14   | BL.    12   x   144  |  |  |  |  | 279          | 13,56               | 3,78         | 53,0    | S355J2G3  |  |
|  | 4    | BL.    12   x   170  |  |  |  |  | 279          | 16,01               | 4,47         | 17,9    | S355J2G3  |  |
|  | 6    | BL.    16   x   660  |  |  |  |  | 350          | 82,90               | 29,01        | 174,1   | S355J2G3  |  |
|  | 1    | BL.    16   x   1020 |  |  |  |  | 350          | 128,11              | 44,84        | 44,8    | S355J2G3  |  |
|  | 1    | BL.    16   x   220  |  |  |  |  | 300          | 27,63               | 8,29         | 8,3     | S355J2G3  |  |
|  | 8    | L 150x150x12         |  |  |  |  | 100          | 27,30               | 2,73         | 21,8    | S355J2G3  |  |
|  | 7    | BL.    16   x   250  |  |  |  |  | 315          | 31,40               | 9,89         | 69,2    | S355J2G3  |  |
|  | 14   | BL.    12   x   180  |  |  |  |  | 220          | 16,96               | 3,73         | 52,2    | S355J2G3  |  |
|  |      |                      |  |  |  |  |              |                     |              |         |           |  |
|  |      |                      |  |  |  |  |              |                     |              |         |           |  |
|  |      |                      |  |  |  |  |              | 1szt.               | RAZEM        | 9144,35 | kg        |  |
| naddatek na spoiny, nierówności i el. Dodatkowe  |      |                      |  |  |  |  |              | 2%                  | RAZEM        | 9327,2  | kg        |  |
|  |      | śruby i podkładki    |  |  |  |  |              |                     |              |         |           |  |
|  |      |                      |  |  |  |  |              |                     |              |         |           |  |

|  |      |                          |  |                        |  |              |                     |           |                       |                 |
|--|------|--------------------------|--|------------------------|--|--------------|---------------------|-----------|-----------------------|-----------------|
| <h1>STATIKA</h1>   |      |                          |  | WYKAZ MATERIAŁU        |  |              | Nr projektu:        |           | St-164/13             |                 |
|  |      |                          |  | NR <b>ZK-36</b> rev.00 |  |              | Nr strony           |           | 1                     |                 |
|  |      |                          |  |                        |  |              | Ilość stron         |           | 1                     |                 |
| obiekt: Rozbudowa Wydziału Zarządzania i Ekonomii Politechniki Gdańskiej<br>ul. R. Traugutta 79, 80-233 Gdańsk, dz. nr 273, obr. 54, m. Gdańsk |      |                          |  |                        |  |              |                     |           |                       |                 |
|  |      |                          |  |                        |  |              | Data:               |           | 10.2014               |                 |
|  |      |                          |  |                        |  |              | Wykonała: J. WOJTAS |           |                       |                 |
| ELEMENT: <b>KONSTRUKCJA STALOWA SCHODÓW</b>  |      |                          |  |                        |  |              |                     |           |                       |                 |
| Poz.   | Szt. | Kształtownik wymiary     |  |                        |  | długość [mm] | Masa Jednost.       | Masa [kg] |                       | UWAGI           |
|  |      |                          |  |                        |  |              |                     | 1 szt.    | całk.                 |                 |
| 1  | 2    | 3                        |  |                        |  | 4            | 5                   | 6         | 7                     | 8               |
|  |      |                          |  |                        |  | Szt. 1       |                     |           |                       |                 |
| <b>KONSTRUKCJA STALOWA SCHODÓW PODŁUŻNYCH</b>  |      |                          |  |                        |  |              |                     |           |                       |                 |
| Bc-1...  | 2    | HEB 140                  |  |                        |  | 18100        | 33,70               | 609,97    | 1219,9                | <b>S355J2G3</b> |
| Wc-1   | 3    | HEB 160                  |  |                        |  | 6680         | 42,60               | 284,57    | 853,7                 | <b>S355J2G3</b> |
| WcT-1  | 4    | Rura Ø76.1/3.6           |  |                        |  | 4250         | 6,44                | 27,37     | 109,5                 | S235            |
| Pc-1   | 10   | C120                     |  |                        |  | 1160         | 13,40               | 15,54     | 155,4                 | <b>S355J2G3</b> |
| stopnie  | 27   | C120                     |  |                        |  | 1760         | 13,40               | 23,58     | 636,8                 | <b>S355J2G3</b> |
|  |      |                          |  |                        |  |              |                     |           |                       |                 |
|  |      |                          |  |                        |  |              |                     |           |                       |                 |
|  |      |                          |  |                        |  |              |                     |           |                       |                 |
| <b>KONSTRUKCJA STALOWA SCHODÓW KRÓTKICH</b>  |      |                          |  |                        |  |              |                     |           |                       |                 |
| Bc-2.1   | 1    | HEB 180                  |  |                        |  | 6700         | 51,20               | 343,04    | 343,0                 | <b>S355J2G3</b> |
| Bc-2.2   | 1    | HEB 180                  |  |                        |  | 6400         | 51,20               | 327,68    | 327,7                 | <b>S355J2G3</b> |
| Bc-3   | 1    | HEB 160                  |  |                        |  | 2000         | 42,60               | 85,20     | 85,2                  | <b>S355J2G3</b> |
| Bc-4   | 2    | C120                     |  |                        |  | 860          | 13,40               | 11,52     | 23,0                  | <b>S355J2G3</b> |
| Sz-6   | 1    | HEB 160                  |  |                        |  | 8740         | 42,60               | 372,32    | 372,3                 | <b>S355J2G3</b> |
| Pc-2   | 1    | C120                     |  |                        |  | 5500         | 13,40               | 73,70     | 73,7                  | <b>S355J2G3</b> |
| stopnie  | 10   | C120                     |  |                        |  | 1700         | 13,40               | 22,78     | 227,8                 | <b>S355J2G3</b> |
|  |      |                          |  |                        |  |              |                     |           |                       |                 |
|  |      |                          |  |                        |  |              |                     |           |                       |                 |
|  |      |                          |  |                        |  |              |                     |           |                       |                 |
|  |      |                          |  |                        |  |              | 1 szt.              | RAZEM     | <b><u>4428,12</u></b> | kg              |
| naddatek na spoiny i el. dodatkowe (blachy węzłowe, marki)   |      |                          |  |                        |  |              | 10%                 | RAZEM     | <b><u>4870,9</u></b>  | kg              |
|  |      | <b>śruby i podkładki</b> |  |                        |  |              |                     |           |                       |                 |
|  |      |                          |  |                        |  |              |                     |           |                       |                 |