

# Przedmiar

## Sala gimnastyczna

Adres : Dąbrowka, ul. T. Kościuszki, dz. nr 61/1

Inwestor : Gmina Dąbrowka  
Dąbrowka, ul. T. Kosciuszki 14

Architekt : mgr inż. arch. Mariusz Michalski /ABIT-OW-7131-1/2001/  
mgr inż. Maciej Skibiński /Wa-12-3/94/

Uwagi:

## Mury fundamentowe

### Arena sportowa

|                              |   |         |                |
|------------------------------|---|---------|----------------|
| Powierzchnia podłoża         | $18.06 \times 35.96 + 4.0 \times 2.5 - (0.015 \times (18.06 + 18.25 + 4.0 + 2.5 + 4.0 + 15.21 + 18.06 + 35.96))$  | 657.0   | m <sup>2</sup> |
| Obwód (8 Strony Ścian)       | $18.060 + 18.250 + 4.000 + 2.500 + 4.000 + 15.210 + 18.060 + 35.960$  | 116.0   | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00    | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00    | m <sup>2</sup> |
| Powierzchnia Ścian           | $18.06 \times 1.79 + 18.25 \times 1.79 + 4.0 \times 1.79 + 2.5 \times 1.79 + 4.0 \times 1.79 + 15.21 \times 1.79 + 18.06 \times 1.79 + 35.96 \times 1.79$ | 207.72  | m <sup>2</sup> |
| Objętość                     | $1.79 \times (18.06 \times 35.96 + 4.0 \times 2.5) - 1.79 \times 0.015 \times (18.06 + 18.25 + 4.0 + 2.5 + 4.0 + 15.21 + 18.06 + 35.96)$                  | 1177.28 | m <sup>3</sup> |
| Uwagi                        |   |         |                |

### Szatnia/portiernia

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoża         | $2.9 \times 4.5 - (0.015 \times (2.9 + 4.5 + 2.9 + 4.5))$                         | 12.0  | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $2.900 + 4.500 + 2.900 + 4.500$   | 14.8  | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.9 \times 1.79 + 4.5 \times 1.79 + 2.9 \times 1.79 + 4.5 \times 1.79$           | 26.50 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (2.9 \times 4.5) - 1.79 \times 0.015 \times (2.9 + 4.5 + 2.9 + 4.5)$ | 22.96 | m <sup>3</sup> |
| Uwagi                        |   |       |                |

### Hol

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoża         | $4.49 \times 8.4 + 0.01 \times 7.5 + 0.01 \times 0.66 - (0.015 \times (8.4 + 4.5 + 7.5 + 0.01 + 0.24 + 0.01 + 0.66 + 4.5))$                         | 37.0  | m <sup>2</sup> |
| Obwód (8 Strony Ścian)       | $8.400 + 4.500 + 7.500 + 0.010 + 0.240 + 0.010 + 0.660 + 4.500$   | 25.8  | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $8.4 \times 1.79 + 4.5 \times 1.79 + 7.5 \times 1.79 + 0.01 \times 1.79 + 0.24 \times 1.79 + 0.01 \times 1.79 + 0.66 \times 1.79 + 4.5 \times 1.79$ | 46.23 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (4.49 \times 8.4 + 0.01 \times 7.5 + 0.01 \times 0.66) - 1.79 \times 0.015 \times (8.4 + 4.5 + 7.5 + 0.01 + 0.24 + 0.01 + 0.66 + 4.5)$ | 66.96 | m <sup>3</sup> |

|       |  |  |  |
|-------|--|--|--|
|       | $0.01 \times 0.66) - 1.79 \times 0.015 \times (8.4 + 4.5 + 7.5 + 0.01 + 0.24 + 0.01 + 0.66 + 4.5)$ |  |  |
| Uwagi |  |  |  |

#### Pom. techn.

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $4.96 \times 5.12 - (0.015 \times (4.96 + 5.12 + 4.96 + 5.12))$                         | 25    | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $4.960 + 5.120 + 4.960 + 5.120$   | 20    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $4.96 \times 1.79 + 5.12 \times 1.79 + 4.96 \times 1.79 + 5.12 \times 1.79$             | 36.08 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (4.96 \times 5.12) - 1.79 \times 0.015 \times (4.96 + 5.12 + 4.96 + 5.12)$ | 44.92 | m <sup>3</sup> |
| Uwagi                        |   |       |                |

#### Szatnia

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $4.12 \times 5.12 - (0.015 \times (4.12 + 5.12 + 4.12 + 5.12))$                         | 20    | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $4.120 + 5.120 + 4.120 + 5.120$   | 18    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $4.12 \times 1.79 + 5.12 \times 1.79 + 4.12 \times 1.79 + 5.12 \times 1.79$             | 33.06 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (4.12 \times 5.12) - 1.79 \times 0.015 \times (4.12 + 5.12 + 4.12 + 5.12)$ | 37.26 | m <sup>3</sup> |
| Uwagi                        |   |       |                |

#### WC

|                              |   |      |                |
|------------------------------|---|------|----------------|
| Powierzchnia podłoga         | $1.09 \times 1.26 - (0.015 \times (1.09 + 1.26 + 1.09 + 1.26))$                         |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.090 + 1.260 + 1.090 + 1.260$   | 4    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00 | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.09 \times 1.79 + 1.26 \times 1.79 + 1.09 \times 1.79 + 1.26 \times 1.79$             | 8.42 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1.09 \times 1.26) - 1.79 \times 0.015 \times (1.09 + 1.26 + 1.09 + 1.26)$ | 2.33 | m <sup>3</sup> |

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|-------|--|
| Uwagi |  |
|-------|--|

#### Pisuar

|                              |   |      |                |
|------------------------------|---|------|----------------|
| Powierzchnia podłoga         | $1.09 \times 1.26 - (0.015 \times (1.09 + 1.26 + 1.09 + 1.26))$                         |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.090 + 1.260 + 1.090 + 1.260$   |      | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00 | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.09 \times 1.79 + 1.26 \times 1.79 + 1.09 \times 1.79 + 1.26 \times 1.79$             | 8.42 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1.09 \times 1.26) - 1.79 \times 0.015 \times (1.09 + 1.26 + 1.09 + 1.26)$ | 2.33 | m <sup>3</sup> |
| Uwagi                        |   |      |                |

#### Natryski

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $3.04 \times 3.96 - 1 \times 0.821 \times 0.821 - (0.015 \times (3.04 + 3.96 + 2.219 + 1.162 + 3.139))$                         | 1     | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $3.040 + 3.960 + 2.219 + 1.162 + 3.139$   | 13    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.04 \times 1.79 + 3.96 \times 1.79 + 2.22 \times 1.79 + 1.16 \times 1.79 + 3.14 \times 1.79$                                  | 24.20 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (3.04 \times 3.96 - 1 \times 0.821 \times 0.821) - 1.79 \times 0.015 \times (3.04 + 3.96 + 2.219 + 1.162 + 3.139)$ | 20.58 | m <sup>3</sup> |
| Uwagi                        |   |       |                |

#### Natryski

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $3.04 \times 3.96 - 1 \times 0.761 \times 0.761 - (0.015 \times (3.04 + 3.199 + 1.077 + 2.279 + 3.96))$                         | 1     | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $3.040 + 3.199 + 1.077 + 2.279 + 3.960$   | 13    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.04 \times 1.79 + 3.2 \times 1.79 + 1.08 \times 1.79 + 2.28 \times 1.79 + 3.96 \times 1.79$                                   | 24.27 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (3.04 \times 3.96 - 1 \times 0.761 \times 0.761) - 1.79 \times 0.015 \times (3.04 + 3.199 + 1.077 + 2.279 + 3.96)$ | 20.67 | m <sup>3</sup> |
| Uwagi                        |   |       |                |

**WC**

|                              |   |      |                |
|------------------------------|---|------|----------------|
| Powierzchnia podłoga         | $1.06 \times 1.26 - (0.015 \times (1.06 + 1.26 + 1.06 + 1.26))$                         |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.060 + 1.260 + 1.060 + 1.260$   |      | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00 | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.06 \times 1.79 + 1.26 \times 1.79 + 1.06 \times 1.79 + 1.26 \times 1.79$             | 8.32 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1.06 \times 1.26) - 1.79 \times 0.015 \times (1.06 + 1.26 + 1.06 + 1.26)$ | 2.27 | m <sup>3</sup> |
| Uwagi                        |   |      |                |

**WC**

|                              |   |      |                |
|------------------------------|---|------|----------------|
| Powierzchnia podłoga         | $1.06 \times 1.26 - (0.015 \times (1.06 + 1.26 + 1.06 + 1.26))$                         |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.060 + 1.260 + 1.060 + 1.260$   |      | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00 | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.06 \times 1.79 + 1.26 \times 1.79 + 1.06 \times 1.79 + 1.26 \times 1.79$             | 8.32 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1.06 \times 1.26) - 1.79 \times 0.015 \times (1.06 + 1.26 + 1.06 + 1.26)$ | 2.27 | m <sup>3</sup> |
| Uwagi                        |   |      |                |

**Szatnia**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $4.16 \times 5.12 - (0.015 \times (4.16 + 5.12 + 4.16 + 5.12))$                         | 2     | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $4.160 + 5.120 + 4.160 + 5.120$   | 18    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $4.16 \times 1.79 + 5.12 \times 1.79 + 4.16 \times 1.79 + 5.12 \times 1.79$             | 33.22 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (4.16 \times 5.12) - 1.79 \times 0.015 \times (4.16 + 5.12 + 4.16 + 5.12)$ | 37.63 | m <sup>3</sup> |
| Uwagi                        |   |       |                |

**Pokój instruktorów**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $2.52 \times 5.12 - (0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12))$                         | 12    | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $2.520 + 3.230 + 1.890 + 2.520 + 5.120$  | 15    | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |  | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.52 \times 1.79 + 3.23 \times 1.79 + 1.89 \times 1.79 + 2.52 \times 1.79 + 5.12 \times 1.79$ | 27.34 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (2.52 \times 5.12) - 1.79 \times 0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12)$ | 22.69 | m <sup>3</sup> |
| Uwagi                        |  |       |                |

**Natryski**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $3.04 \times 1.55 - (0.015 \times (3.04 + 1.55 + 3.04 + 1.55))$                         |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $3.040 + 1.550 + 3.040 + 1.550$   | 9     | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.04 \times 1.79 + 1.55 \times 1.79 + 3.04 \times 1.79 + 1.55 \times 1.79$             | 16.42 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (3.04 \times 1.55) - 1.79 \times 0.015 \times (3.04 + 1.55 + 3.04 + 1.55)$ | 8.19  | m <sup>3</sup> |
| Uwagi                        |   |       |                |

**WC**

|                              |  |      |                |
|------------------------------|--|------|----------------|
| Powierzchnia podłoga         | $1.48 \times 1.0 - (0.015 \times (1.48 + 1.0 + 1.48 + 1.0))$                         |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.480 + 1.000 + 1.480 + 1.000$  | 4    | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00 | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |  | 0.00 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.48 \times 1.79 + 1.0 \times 1.79 + 1.48 \times 1.79 + 1.0 \times 1.79$            | 8.88 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1.48 \times 1.0) - 1.79 \times 0.015 \times (1.48 + 1.0 + 1.48 + 1.0)$ | 2.52 | m <sup>3</sup> |
| Uwagi                        |  |      |                |

**Hol**

|                      |  |    |                |
|----------------------|--|----|----------------|
| Powierzchnia podłoga | $3.0 \times 8.03 + 2.76 \times 3.76 - (0.015 \times (8.03 +$ | 34 | m <sup>2</sup> |
|----------------------|--|----|----------------|

|                              |  |       |                |
|------------------------------|--|-------|----------------|
|                              | $5.76 + 3.76 + 2.76 + 4.27 + 3.0))$  |       |                |
| Obwód (6 Strony Ścian)       | $8.030 + 5.760 + 3.760 + 2.760 + 4.270 + 3.000$  | 27.   | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |  | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $8.03 \times 1.79 + 5.76 \times 1.79 + 3.76 \times 1.79 + 2.76 \times 1.79 + 4.27 \times 1.79 + 3.0 \times 1.79$       | 49.36 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (3.0 \times 8.03 + 2.76 \times 3.76) - 1.79 \times 0.015 \times (8.03 + 5.76 + 3.76 + 2.76 + 4.27 + 3.0)$ | 60.96 | m <sup>3</sup> |
| Uwagi                        |  |       |                |

#### Przeds.

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłóża         | $1.84 \times 1.48 - (0.015 \times (1.84 + 1.48 + 1.84 + 1.48))$                         |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.840 + 1.480 + 1.840 + 1.480$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.84 \times 1.79 + 1.48 \times 1.79 + 1.84 \times 1.79 + 1.48 \times 1.79$             | 11.88 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1.84 \times 1.48) - 1.79 \times 0.015 \times (1.84 + 1.48 + 1.84 + 1.48)$ | 4.70  | m <sup>3</sup> |
| Uwagi                        |   |       |                |

#### Korytarz

|                              |  |        |                |
|------------------------------|--|--------|----------------|
| Powierzchnia podłóża         | $2.14 \times 27.98 + 1.2 \times 4.58 - (0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6) - (0.015 \times (2.14 + 11.97 + 2.5 + 13.51 + 2.14 + 12.88 + 1.2 + 2.22 + 2.36 + 1.2 + 7.76 + 2.76))$                                     | 62.    | m <sup>2</sup> |
| Obwód (12 Strony Ścian)      | $2.140 + 11.970 + 2.500 + 13.510 + 2.140 + 12.880 + 1.200 + 2.220 + 2.360 + 1.200 + 7.760 + 2.760$   | 62.    | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00   | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |  | 0.00   | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.14 \times 1.79 + 11.97 \times 1.79 + 2.5 \times 1.79 + 13.51 \times 1.79 + 2.14 \times 1.79 + 12.88 \times 1.79 + 1.2 \times 1.79 + 2.22 \times 1.79 + 2.36 \times 1.79 + 1.2 \times 1.79 + 7.76 \times 1.79 + 2.76 \times 1.79$                  | 112.12 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (2.14 \times 27.98 + 1.2 \times 4.58) - 1.79 \times 0.015 \times (2.14 + 11.97 + 2.5 + 13.51 + 2.14 + 12.88 + 1.2 + 2.22 + 2.36 + 1.2 + 7.76 + 2.76) - 1.79 \times (0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6)$ | 114.05 | m <sup>3</sup> |

|       |  |  |  |
|-------|--|--|--|
|       | $0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6$ |  |  |
| Uwagi |  |  |  |

### Magazyn

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $3.76 \times 8.97 - (0.015 \times (3.76 + 8.97 + 3.76 + 8.97))$                         | 33    | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $3.760 + 8.970 + 3.760 + 8.970$   | 25    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.76 \times 1.79 + 8.97 \times 1.79 + 3.76 \times 1.79 + 8.97 \times 1.79$             | 45.58 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (3.76 \times 8.97) - 1.79 \times 0.015 \times (3.76 + 8.97 + 3.76 + 8.97)$ | 59.69 | m <sup>3</sup> |
| Uwagi                        |   |       |                |

### Magazyn

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $6.985 \times 3.76 + 6.285 \times 0.059 + 3.701 \times 6.035 - (0.015 \times (3.76 + 13.27 + 3.76 + 6.035 + 3.701 + 0.25 + 3.701 + 6.985))$                         | 48    | m <sup>2</sup> |
| Obwód (8 Strony Ścian)       | $3.760 + 13.270 + 3.760 + 6.035 + 3.701 + 0.250 + 3.701 + 6.985$  | 41    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.76 \times 1.79 + 13.27 \times 1.79 + 3.76 \times 1.79 + 6.04 \times 1.79 + 3.7 \times 1.79 + 0.25 \times 1.79 + 3.7 \times 1.79 + 6.99 \times 1.79$              | 74.22 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (6.985 \times 3.76 + 6.285 \times 0.059 + 3.701 \times 6.035) - 1.79 \times 0.015 \times (3.76 + 13.27 + 3.76 + 6.035 + 3.701 + 0.25 + 3.701 + 6.985)$ | 86.54 | m <sup>3</sup> |
| Uwagi                        |   |       |                |

### Przeds.

|                             |   |      |                |
|-----------------------------|---|------|----------------|
| Powierzchnia podłoga        | $1 \times 0.88 \times 0.88 + 2.32 \times 0.881 + 0.959 \times 3.2 - (0.015 \times (3.2 + 0.959 + 1.245 + 0.001 + 2.32 + 1.84))$ |      | m <sup>2</sup> |
| Obwód (6 Strony Ścian)      | $3.200 + 0.959 + 1.245 + 0.001 + 2.320 + 1.840$   |      | m              |
| Powierzchnia okien (0 Okna) |   | 0.00 | m <sup>2</sup> |



|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.2 \times 1.79 + 0.96 \times 1.79 + 1.24 \times 1.79 + 2.32 \times 1.79 + 1.84 \times 1.79$   | 17.11 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1 \times 0.88 \times 0.88 + 2.32 \times 0.881 + 0.959 \times 3.2) - 1.79 \times 0.015 \times (3.2 + 0.959 + 1.245 + 0.001 + 2.32 + 1.84)$ | 9.59  | m <sup>3</sup> |
| Uwagi                        |   |       |                |

#### Toaleta

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $1.62 \times 2.32 - (0.015 \times (1.62 + 2.32 + 1.62 + 2.32))$                         |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.620 + 2.320 + 1.620 + 2.320$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.62 \times 1.79 + 2.32 \times 1.79 + 1.62 \times 1.79 + 2.32 \times 1.79$             | 14.10 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1.62 \times 2.32) - 1.79 \times 0.015 \times (1.62 + 2.32 + 1.62 + 2.32)$ | 6.52  | m <sup>3</sup> |
| Uwagi                        |   |       |                |

#### Toaleta

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $1.62 \times 2.38 - (0.015 \times (1.62 + 2.38 + 1.62 + 2.38))$                         |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.620 + 2.380 + 1.620 + 2.380$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.62 \times 1.79 + 2.38 \times 1.79 + 1.62 \times 1.79 + 2.38 \times 1.79$             | 14.32 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1.62 \times 2.38) - 1.79 \times 0.015 \times (1.62 + 2.38 + 1.62 + 2.38)$ | 6.69  | m <sup>3</sup> |
| Uwagi                        |   |       |                |

#### Przeds.

|                             |  |      |                |
|-----------------------------|--|------|----------------|
| Powierzchnia podłoga        | $1 \times 0.78 \times 0.78 + 1.06 \times 0.761 + 2.439 \times 1.84 - (0.015 \times (1.103 + 0.019 + 1.06 + 3.2 + 1.84 + 2.439))$ |      | m <sup>2</sup> |
| Obwód (6 Strony Ścian)      | $1.103 + 0.019 + 1.060 + 3.200 + 1.840 + 2.439$  |      | m              |
| Powierzchnia okien (0 Okna) |  | 0.00 | m <sup>2</sup> |

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia drzwi (0 Drzwi) |  | 0.00  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.1 \times 1.79 + 0.02 \times 1.79 + 1.06 \times 1.79 + 3.2 \times 1.79 + 1.84 \times 1.79 + 2.44 \times 1.79$  | 17.30 | m <sup>2</sup> |
| Objętość                     | $1.79 \times (1 \times 0.78 \times 0.78 + 1.06 \times 0.761 + 2.439 \times 1.84) - 1.79 \times 0.015 \times (1.103 + 0.019 + 1.06 + 3.2 + 1.84 + 2.439)$ | 9.76  | m <sup>3</sup> |
| Uwagi                        |  |       |                |

## Parter

### Arena sportowa

|                              |  |         |                |
|------------------------------|--|---------|----------------|
| Powierzchnia podłoga         | $18.06 \times 35.96 + 4.0 \times 2.5 - (0.015 \times (18.06 + 18.25 + 4.0 + 2.5 + 4.0 + 15.21 + 18.06 + 35.96))$   | 657.    | m <sup>2</sup> |
| Obwód (8 Strony Ścian)       | $18.060 + 18.250 + 4.000 + 2.500 + 4.000 + 15.210 + 18.060 + 35.960$   | 116.0   | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00    | m <sup>2</sup> |
| Powierzchnia drzwi (4 Drzwi) | $1.8 \times 2.05 + 2.4 \times 2.35 + 1.8 \times 2.05 + 1.8 \times 2.05$  | 16.71   | m <sup>2</sup> |
| Powierzchnia Ścian           | $18.06 \times 2.72 - 1.8 \times 2.05 + 18.25 \times 2.72 + 4.0 \times 2.72 + 0.138 \times 2.47 + 2.582 \times 2.5 - 2.4 \times 2.35 + 4.0 \times 2.582 - 1 \times 2.309 \times 4.0 + 2.447 \times 5.75 + 0.273 \times 15.21 - 1.8 \times 2.05 + 18.06 \times 2.72 - 1.8 \times 2.05 + 35.96 \times 2.72$ | 270.59  | m <sup>2</sup> |
| Objętość                     | $1.419 \times (0.03 \times 9.49 + 4.0 \times 0.03) + 2.72 \times (15.24 \times 18.03 + 20.72 \times 18.06 + 4.0 \times 2.47 + 0.03 \times 5.75) - 2.72 \times 0.015 \times (18.06 + 18.25 + 4.0 + 2.5 + 4.0 + 15.21 + 18.06 + 35.96)$  | 1788.41 | m <sup>3</sup> |
| Uwagi                        | podłoga sportowa   |         |                |

### Szatnia/portiernia

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $2.94 \times 4.5 - (0.015 \times (2.94 + 4.5 + 2.94 + 4.5))$   | 13    | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $2.940 + 4.500 + 2.940 + 4.500$  | 14.   | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (2 Drzwi) | $4.5 \times 1.5 + 1.0 \times 0.85$   | 7.60  | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.94 \times 2.72 + 4.5 \times 2.72 - 4.5 \times 1.5 - 1.0 \times 0.85 + 2.94 \times 2.72 + 4.5 \times 2.72$ | 32.88 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (2.94 \times 4.5) - 2.72 \times 0.015 \times (2.94 + 4.5 + 2.94 + 4.5)$                         | 35.38 | m <sup>3</sup> |
| Uwagi                        | pcv  |       |                |

**Hol**

|                              |  |        |                |
|------------------------------|--|--------|----------------|
| Powierzchnia podłóża         | $4.49 \times 8.44 + 0.01 \times 7.5 + 0.01 \times 0.7 - (0.015 \times (8.44 + 4.5 + 7.5 + 0.01 + 0.24 + 0.01 + 0.7 + 4.5))$  | 3      | m <sup>2</sup> |
| Obwód (8 Strony Ścian)       | $8.440 + 4.500 + 7.500 + 0.010 + 0.240 + 0.010 + 0.700 + 4.500$  | 25     | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00   | m <sup>2</sup> |
| Powierzchnia drzwi (4 Drzwi) | $1.8 \times 2.05 + 1.8 \times 2.05 + 4.5 \times 1.5 + 1.0 \times 0.85$   | 14.98  | m <sup>2</sup> |
| Powierzchnia Ścian           | $8.44 \times 2.72 - 1.8 \times 2.05 + 4.5 \times 2.72 + 7.5 \times 2.72 - 1.8 \times 2.05 + 0.01 \times 2.72 + 0.24 \times 2.72 + 0.01 \times 2.72 + 0.7 \times 2.72 + 4.5 \times 2.72 - 4.5 \times 1.5 - 1.0 \times 0.85$ | 55.47  | m <sup>2</sup> |
| Objętość                     | $2.72 \times (4.49 \times 8.44 + 0.01 \times 7.5 + 0.01 \times 0.7) - 2.72 \times 0.015 \times (8.44 + 4.5 + 7.5 + 0.01 + 0.24 + 0.01 + 0.7 + 4.5)$  | 102.24 | m <sup>3</sup> |
| Uwagi                        | gres   |        |                |

**Pom. techn.**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłóża         | $5.0 \times 5.12 - (0.015 \times (5.0 + 5.12 + 5.0 + 5.12))$                                | 2     | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $5.000 + 5.120 + 5.000 + 5.120$   | 20    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $1.0 \times 2.05$   | 2.05  | m <sup>2</sup> |
| Powierzchnia Ścian           | $5.0 \times 2.72 - 1.0 \times 2.05 + 5.12 \times 2.72 + 5.0 \times 2.72 + 5.12 \times 2.72$ | 53.01 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (5.0 \times 5.12) - 2.72 \times 0.015 \times (5.0 + 5.12 + 5.0 + 5.12)$        | 68.81 | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

**Szatnia**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłóża         | $4.2 \times 5.12 - (0.015 \times (4.2 + 5.12 + 4.2 + 5.12))$   | 2     | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $4.200 + 5.120 + 4.200 + 5.120$  | 18    | m              |
| Powierzchnia okien (1 Okna)  | $1.80 \times 0.90$   | 1.62  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$  | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $4.2 \times 2.72 - 1.80 \times 0.90 + 5.12 \times 2.72 - 0.9 \times 2.05 + 4.2 \times 2.72 + 5.12 \times 2.72$ | 47.24 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (4.2 \times 5.12) - 2.72 \times 0.015 \times (4.2 + 5.12 + 4.2 + 5.12)$                           | 57.73 | m <sup>3</sup> |

|       |     |
|-------|-----|
| Uwagi | pcv |
|-------|-----|

## WC

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $1.17 \times 1.3 - (0.015 \times (1.17 + 1.3 + 1.17 + 1.3))$   |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.170 + 1.300 + 1.170 + 1.300$  |       | m              |
| Powierzchnia okien (1 Okna)  | 0.60x0.60  | 0.36  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05   | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.17 \times 2.72 - 0.60 \times 0.60 + 1.3 \times 2.72 + 1.17 \times 2.72 - 0.9 \times 2.05 + 1.3 \times 2.72$ | 11.24 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1.17 \times 1.3) - 2.72 \times 0.015 \times (1.17 + 1.3 + 1.17 + 1.3)$                           | 3.94  | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

## Pisuar

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $1.17 \times 1.3 - (0.015 \times (1.17 + 1.3 + 1.17 + 1.3))$   |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.170 + 1.300 + 1.170 + 1.300$  |       | m              |
| Powierzchnia okien (1 Okna)  | 0.60x0.60  | 0.36  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05   | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.17 \times 2.72 - 0.60 \times 0.60 + 1.3 \times 2.72 + 1.17 \times 2.72 - 0.9 \times 2.05 + 1.3 \times 2.72$ | 11.24 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1.17 \times 1.3) - 2.72 \times 0.015 \times (1.17 + 1.3 + 1.17 + 1.3)$                           | 3.94  | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

## Natryski

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $3.12 \times 4.0 - 1 \times 0.845 \times 0.845 - (0.015 \times (3.12 + 4.0 + 2.275 + 1.195 + 3.155))$                              | 1     | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $3.120 + 4.000 + 2.275 + 1.195 + 3.155$  | 13    | m              |
| Powierzchnia okien (1 Okna)  | 1.50x0.90  | 1.35  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05   | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.12 \times 2.72 - 1.50 \times 0.90 + 4.0 \times 2.72 + 2.28 \times 2.72 + 1.19 \times 2.72 - 0.9 \times 2.05 + 3.16 \times 2.72$ | 34.22 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (3.12 \times 4.0 - 1 \times 0.845 \times 0.845) - 2.72 \times 0.015 \times (3.12 + 4.0 + 2.275 + 1.195 + 3.155)$      | 32.41 | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

**Natryski**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłóża         | $3.12 \times 4.0 - 1 \times 0.785 \times 0.785 - (0.015 \times (3.12 + 3.215 + 1.11 + 2.335 + 4.0))$                               | 1     | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $3.120 + 3.215 + 1.110 + 2.335 + 4.000$  | 13    | m              |
| Powierzchnia okien (1 Okna)  | $1.50 \times 0.90$   | 1.35  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$  | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.12 \times 2.72 - 1.50 \times 0.90 + 3.22 \times 2.72 + 1.11 \times 2.72 - 0.9 \times 2.05 + 2.34 \times 2.72 + 4.0 \times 2.72$ | 34.32 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (3.12 \times 4.0 - 1 \times 0.785 \times 0.785) - 2.72 \times 0.015 \times (3.12 + 3.215 + 1.11 + 2.335 + 4.0)$       | 32.55 | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

**WC**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłóża         | $1.14 \times 1.3 - (0.015 \times (1.14 + 1.3 + 1.14 + 1.3))$   |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.140 + 1.300 + 1.140 + 1.300$  | 4     | m              |
| Powierzchnia okien (1 Okna)  | $0.60 \times 0.60$   | 0.36  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$  | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.14 \times 2.72 - 0.60 \times 0.60 + 1.3 \times 2.72 + 1.14 \times 2.72 - 0.9 \times 2.05 + 1.3 \times 2.72$ | 11.08 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1.14 \times 1.3) - 2.72 \times 0.015 \times (1.14 + 1.3 + 1.14 + 1.3)$                           | 3.83  | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

**WC**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłóża         | $1.14 \times 1.3 - (0.015 \times (1.14 + 1.3 + 1.14 + 1.3))$   |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.140 + 1.300 + 1.140 + 1.300$  | 4     | m              |
| Powierzchnia okien (1 Okna)  | $0.60 \times 0.60$   | 0.36  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$  | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.14 \times 2.72 - 0.60 \times 0.60 + 1.3 \times 2.72 + 1.14 \times 2.72 - 0.9 \times 2.05 + 1.3 \times 2.72$ | 11.08 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1.14 \times 1.3) - 2.72 \times 0.015 \times (1.14 + 1.3 + 1.14 + 1.3)$                           | 3.83  | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

**Szatnia**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłóża         | $4.2 \times 5.12 - (0.015 \times (4.2 + 5.12 + 4.2 + 5.12))$   | 2     | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $4.200 + 5.120 + 4.200 + 5.120$  | 18    | m              |
| Powierzchnia okien (1 Okna)  | $1.80 \times 0.90$   | 1.62  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$  | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $4.2 \times 2.72 - 1.80 \times 0.90 + 5.12 \times 2.72 + 4.2 \times 2.72 + 5.12 \times 2.72 - 0.9 \times 2.05$ | 47.24 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (4.2 \times 5.12) - 2.72 \times 0.015 \times (4.2 + 5.12 + 4.2 + 5.12)$                           | 57.73 | m <sup>3</sup> |
| Uwagi                        | pcv  |       |                |

**Pokój instruktorów**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłóża         | $2.52 \times 5.12 - (0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12))$  | 12    | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $2.520 + 3.230 + 1.890 + 2.520 + 5.120$   | 15    | m              |
| Powierzchnia okien (1 Okna)  | $1.80 \times 0.90$  | 1.62  | m <sup>2</sup> |
| Powierzchnia drzwi (2 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05$   | 3.68  | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.52 \times 2.72 - 1.80 \times 0.90 + 3.23 \times 2.72 - 0.9 \times 2.05 + 1.89 \times 2.72 + 2.52 \times 2.72 - 0.9 \times 2.05 + 5.12 \times 2.72$ | 36.26 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (2.52 \times 5.12) - 2.72 \times 0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12)$  | 34.47 | m <sup>3</sup> |
| Uwagi                        | pcv   |       |                |

**Natryski**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłóża         | $3.12 \times 1.55 - (0.015 \times (3.12 + 1.55 + 3.12 + 1.55))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $3.120 + 1.550 + 3.120 + 1.550$  | 9     | m              |
| Powierzchnia okien (1 Okna)  | $0.60 \times 0.60$   | 0.36  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$  | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.12 \times 2.72 - 0.60 \times 0.60 + 1.55 \times 2.72 + 3.12 \times 2.72 - 0.9 \times 2.05 + 1.55 \times 2.72$ | 23.22 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (3.12 \times 1.55) - 2.72 \times 0.015 \times (3.12 + 1.55 + 3.12 + 1.55)$                          | 12.77 | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

**WC**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $1.56 \times 1.0 - (0.015 \times (1.56 + 1.0 + 1.56 + 1.0))$                                |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.560 + 1.000 + 1.560 + 1.000$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$   | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.56 \times 2.72 + 1.0 \times 2.72 + 1.56 \times 2.72 - 0.9 \times 2.05 + 1.0 \times 2.72$ | 12.08 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1.56 \times 1.0) - 2.72 \times 0.015 \times (1.56 + 1.0 + 1.56 + 1.0)$        | 4.03  | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

**Hol**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $3.0 \times 8.03 + 2.75 \times 3.76 - (0.015 \times (8.03 + 5.76 + 3.76 + 2.76 + 4.27 + 3.0))$  | 34.00 | m <sup>2</sup> |
| Obwód (6 Strony Ścian)       | $8.030 + 5.760 + 3.760 + 2.760 + 4.270 + 3.000$   | 27.60 | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (3 Drzwi) | $3.05 \times 2.35 + 1.8 \times 2.05 + 1.8 \times 2.05$  | 14.55 | m <sup>2</sup> |
| Powierzchnia Ścian           | $8.03 \times 2.72 - 3.05 \times 2.35 + 5.76 \times 2.72 - 1.8 \times 2.05 + 3.76 \times 2.72 + 2.76 \times 2.72 - 1.8 \times 2.05 + 4.27 \times 2.72 + 3.0 \times 2.72$ | 60.47 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (3.0 \times 8.03 + 2.75 \times 3.76) - 2.72 \times 0.015 \times (8.03 + 5.76 + 3.76 + 2.76 + 4.27 + 3.0)$  | 92.52 | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

**Przeds.**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $2.0 \times 1.56 - (0.015 \times (2.0 + 1.56 + 2.0 + 1.56))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $2.000 + 1.560 + 2.000 + 1.560$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (3 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$   | 5.52  | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.0 \times 2.72 + 1.56 \times 2.72 - 0.9 \times 2.05 + 2.0 \times 2.72 - 0.9 \times 2.05 + 1.56 \times 2.72 - 0.9 \times 2.05$ | 13.84 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (2.0 \times 1.56) - 2.72 \times 0.015 \times (2.0 + 1.56 + 2.0 + 1.56)$  | 8.20  | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

### Korytarz

|                              |  |        |                |
|------------------------------|--|--------|----------------|
| Powierzchnia podłoga         | $2.14 \times 27.98 + 1.24 \times 4.66 - (0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6) - (0.015 \times (2.14 + 11.97 + 2.5 + 13.51 + 2.14 + 12.84 + 1.24 + 2.3 + 0.12 + 2.24 + 1.24 + 7.72 + 2.76))$  | 63     | m <sup>2</sup> |
| Obwód (13 Strony Ścian)      | $2.140 + 11.970 + 2.500 + 13.510 + 2.140 + 12.840 + 1.240 + 2.300 + 0.120 + 2.240 + 1.240 + 7.720 + 2.760$   | 62     | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00   | m <sup>2</sup> |
| Powierzchnia drzwi (9 Drzwi) | $1.5 \times 2.2 + 1.8 \times 2.05 + 2.4 \times 2.35 + 1.5 \times 2.2 + 1.5 \times 2.2 + 1.8 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$   | 28.44  | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.14 \times 2.72 + 11.97 \times 2.72 - 1.5 \times 2.2 - 1.8 \times 2.05 + 2.5 \times 2.72 - 2.4 \times 2.35 + 13.51 \times 2.72 - 1.5 \times 2.2 - 1.5 \times 2.2 + 2.14 \times 2.72 - 1.8 \times 2.05 + 12.84 \times 2.72 + 1.24 \times 2.72 - 0.9 \times 2.05 + 2.3 \times 2.72 + 0.12 \times 2.72 + 2.24 \times 2.72 + 1.24 \times 2.72 - 0.9 \times 2.05 + 7.72 \times 2.72 + 2.76 \times 2.72 - 0.9 \times 2.05$ | 142.16 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (2.14 \times 27.98 + 1.24 \times 4.66) - 2.72 \times 0.015 \times (2.14 + 11.97 + 2.5 + 13.51 + 2.14 + 12.84 + 1.24 + 2.3 + 0.12 + 2.24 + 1.24 + 7.72 + 2.76) - 2.72 \times (0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6)$  | 174.07 | m <sup>3</sup> |
| Uwagi                        | pcv  |        |                |

### Magazyn

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $8.97 \times 3.76 - (0.015 \times (3.76 + 8.97 + 3.76 + 8.97))$  | 33    | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $3.760 + 8.970 + 3.760 + 8.970$  | 25    | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $1.5 \times 2.2$   | 3.30  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.76 \times 2.582 - 1 \times 2.171 \times 3.76 + 8.97 \times 0.411 + 3.76 \times 2.582 - 1 \times 2.171 \times 3.76 + 8.97 \times 2.582 - 1.5 \times 2.2$ | 34.81 | m <sup>2</sup> |
| Objętość                     | $1.497 \times (8.97 \times 3.76) - 2.72 \times 0.015 \times (3.76 + 8.97 + 3.76 + 8.97)$   | 49.45 | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

### Magazyn

|                      |   |    |                |
|----------------------|---|----|----------------|
| Powierzchnia podłoga | $6.985 \times 3.76 + 0.125 \times 0.059 - (0.015 \times (3.76 + 7.11 + 0.059 + 0.125 + 3.701 +$ | 23 | m <sup>2</sup> |
|----------------------|---|----|----------------|



|                              |   |       |                |
|------------------------------|---|-------|----------------|
|                              | 6.985))   |       |                |
| Obwód (5 Strony Ścian)       | $3.760 + 7.110 + 0.125 + 3.701 + 6.985$   | 21.   | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $1.5 \times 2.2$  | 3.30  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.76 \times 2.582 - 1 \times 2.171 \times 3.76 + 7.11 \times 2.582 - 1.5 \times 2.2 + 0.000 + 3.701 \times 2.548 - 1 \times 2.137 \times 3.701 + 6.985 \times 0.411$ | 29.04 | m <sup>2</sup> |
| Objętość                     | $1.497 \times (6.985 \times 3.76 + 0.125 \times 0.059) - 2.72 \times 0.015 \times (3.76 + 7.11 + 0.059 + 0.125 + 3.701 + 6.985)$                                      | 38.44 | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

#### Przeds.

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $1 \times 0.88 \times 0.88 + 2.4 \times 0.905 + 0.975 \times 3.28 - (0.015 \times (3.28 + 0.975 + 1.245 + 0.025 + 2.4 + 1.88))$  |       | m <sup>2</sup> |
| Obwód (6 Strony Ścian)       | $3.280 + 0.975 + 1.245 + 0.025 + 2.400 + 1.880$  |       | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (4 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$  | 7.36  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.28 \times 2.72 + 0.98 \times 2.72 - 0.9 \times 2.05 + 1.24 \times 2.72 - 0.9 \times 2.05 + 0.02 \times 2.72 + 2.4 \times 2.72 - 0.9 \times 2.05 + 1.88 \times 2.72 - 0.9 \times 2.05$ | 19.29 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1 \times 0.88 \times 0.88 + 2.4 \times 0.905 + 0.975 \times 3.28) - 2.72 \times 0.015 \times (3.28 + 0.975 + 1.245 + 0.025 + 2.4 + 1.88)$                                  | 15.26 | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

#### Toaleta

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $1.7 \times 2.4 - (0.015 \times (1.7 + 2.4 + 1.7 + 2.4))$   |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.700 + 2.400 + 1.700 + 2.400$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (3 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$   | 5.52  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.7 \times 2.72 + 2.4 \times 2.72 - 0.9 \times 2.05 + 1.7 \times 2.72 + 2.4 \times 2.72 - 0.9 \times 2.05 - 0.9 \times 2.05$ | 16.78 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1.7 \times 2.4) - 2.72 \times 0.015 \times (1.7 + 2.4 + 1.7 + 2.4)$   | 10.76 | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

**Toaleta**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $1.7 \times 2.46 - (0.015 \times (1.7 + 2.46 + 1.7 + 2.46))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.700 + 2.460 + 1.700 + 2.460$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (3 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$   | 5.52  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.7 \times 2.72 + 2.46 \times 2.72 - 0.9 \times 2.05 + 1.7 \times 2.72 + 2.46 \times 2.72 - 0.9 \times 2.05 - 0.9 \times 2.05$ | 17.10 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1.7 \times 2.46) - 2.72 \times 0.015 \times (1.7 + 2.46 + 1.7 + 2.46)$  | 11.04 | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

**Przeds.**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $1 \times 0.82 \times 0.82 + 1.06 \times 0.785 + 2.495 \times 1.88 - (0.015 \times (1.16 + 0.035 + 1.06 + 3.28 + 1.88 + 2.495))$   |       | m <sup>2</sup> |
| Obwód (6 Strony Ścian)       | $1.160 + 0.035 + 1.060 + 3.280 + 1.880 + 2.495$  |       | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (4 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$  | 7.36  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.16 \times 2.72 - 0.9 \times 2.05 + 0.04 \times 2.72 + 1.06 \times 2.72 - 0.9 \times 2.05 + 3.28 \times 2.72 + 1.88 \times 2.72 - 0.9 \times 2.05 + 2.5 \times 2.72 - 0.9 \times 2.05$ | 19.62 | m <sup>2</sup> |
| Objętość                     | $2.72 \times (1 \times 0.82 \times 0.82 + 1.06 \times 0.785 + 2.495 \times 1.88) - 2.72 \times 0.015 \times (1.16 + 0.035 + 1.06 + 3.28 + 1.88 + 2.495)$                                 | 15.53 | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

**Magazyn**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $0.059 \times 6.16 + 3.701 \times 6.035 - (0.015 \times (3.76 + 6.035 + 3.701 + 0.125 + 0.059 + 6.16))$   | 22    | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $3.760 + 6.035 + 3.701 + 0.125 + 6.160$   | 19    | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $1.5 \times 2.2$  | 3.30  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.76 \times 2.582 - 1 \times 2.171 \times 3.76 + 6.035 \times 0.411 + 3.701 \times 2.548 - 1 \times 2.137 \times 3.701 + 0.000 + 6.16 \times 2.582 - 1.5 \times 2.2$ | 26.20 | m <sup>2</sup> |

|          |  |       |                |
|----------|--|-------|----------------|
| Objętość | $1.497 \times (0.059 \times 6.16 + 3.701 \times 6.035) - 2.92 \times 0.015 \times (3.76 + 6.035 + 3.701 + 0.125 + 0.059 + 6.16)$ | 33.11 | m <sup>3</sup> |
| Uwagi    | gres   |       |                |

## 1. Piętro

### Pustka nad areną sportową

|                              |   |         |                |
|------------------------------|---|---------|----------------|
| Powierzchnia podłoża         | $15.24 \times 18.04 + 20.72 \times 18.07 + 4.24 \times 2.47 + 0.03 \times 5.75 - (0.015 \times (18.07 + 18.19 + 0.24 + 4.0 + 2.65 + 4.0 + 0.24 + 15.12 + 18.07 + 35.96))$   | 658.    | m <sup>2</sup> |
| Obwód (7 Strony Ścian)       | $18.070 + 18.190 + 0.240 + 0.240 + 15.120 + 18.070 + 35.960$  | 105.8   | m              |
| Powierzchnia okien (6 Okna)  | $5.50 \times 4.65 + 5.50 \times 4.65 + 5.50 \times 4.65 + 5.50 \times 4.65 + 5.50 \times 4.65 + 5.50 \times 4.65$   | 153.48  | m <sup>2</sup> |
| Powierzchnia drzwi (0 Drzwi) |   | 0.00    | m <sup>2</sup> |
| Powierzchnia Ścian           | $18.07 \times 8.026 - 1 \times 11.075 \times 2.968 - 1 \times 1.874 \times 6.995 + 18.19 \times 6.152 + 0.000 + 0.000 + 6.152 \times 5.75 + 18.07 \times 8.026 - 1 \times 6.995 \times 1.874 - 1 \times 2.968 \times 11.075 + 35.96 \times 5.059 - 5.50 \times 4.65 - 5.50 \times 4.65 - 5.50 \times 4.65 - 5.50 \times 4.65$ | 419.79  | m <sup>2</sup> |
| Objętość                     | $6.521 \times (15.24 \times 6.965 + 20.72 \times 6.995 + 4.24 \times 2.47 + 0.03 \times 5.75) + 6.543 \times (11.075 \times 35.96) - 8.99 \times 0.015 \times (18.07 + 18.19 + 0.24 + 4.0 + 2.65 + 4.0 + 0.24 + 15.12 + 18.07 + 35.96)$   | 4296.81 | m <sup>3</sup> |
| Uwagi                        |   |         |                |

### Pom. techn.

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoża         | $4.5 \times 3.76 - (0.015 \times (3.76 + 4.5 + 3.76 + 4.5))$   | 16.   | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $3.760 + 4.500 + 3.760 + 4.500$  | 16.   | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $1.0 \times 2.05$  | 2.05  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.76 \times 6.088 - 1 \times 1.007 \times 3.76 + 4.5 \times 5.08 - 1.0 \times 2.05 + 3.76 \times 6.088 - 1 \times 3.76 \times 1.007 + 4.5 \times 6.088$ | 90.21 | m <sup>2</sup> |
| Objętość                     | $5.584 \times (4.5 \times 3.76) - 8.99 \times 0.015 \times (3.76 + 4.5 + 3.76 + 4.5)$  | 92.25 | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

**Klatka schodowa**

|                              |   |        |                |
|------------------------------|---|--------|----------------|
| Powierzchnia podłoga         | $4.5 \times 7.5 - (0.015 \times (7.5 + 4.5 + 7.5 + 4.5))$   | 3      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $7.500 + 4.500 + 7.500 + 4.500$   | 24     | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00   | m <sup>2</sup> |
| Powierzchnia drzwi (2 Drzwi) | $1.8 \times 2.05 + 1.0 \times 2.05$   | 5.74   | m <sup>2</sup> |
| Powierzchnia Ścian           | $1 \times 7.2 \times 1.929 + 0.3 \times 2.775 - 1 \times 0.08 \times 0.3 + 2.241 \times 7.5 + 4.5 \times 2.241 + 1 \times 7.2 \times 1.929 + 0.3 \times 2.775 - 1 \times 0.08 \times 0.3 + 2.241 \times 7.5 - 1.8 \times 2.05 + 4.5 \times 5.016 - 1.0 \times 2.05$ | 76.05  | m <sup>2</sup> |
| Objętość                     | $3.206 \times (4.5 \times 7.2) + 4.976 \times (0.3 \times 4.5) - 8.99 \times 0.015 \times (7.5 + 4.5 + 7.5 + 4.5)$  | 107.36 | m <sup>3</sup> |
| Uwagi                        | gres  |        |                |

**Gimnastyka korekcyjna**

|                              |  |        |                |
|------------------------------|--|--------|----------------|
| Powierzchnia podłoga         | $5.12 \times 9.32 - (0.015 \times (9.32 + 5.12 + 9.32 + 5.12))$  | 4      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $9.320 + 5.120 + 9.320 + 5.120$  | 28     | m              |
| Powierzchnia okien (3 Okna)  | $1.80 \times 0.90 + 1.80 \times 0.90 + 1.80 \times 0.90$   | 4.86   | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $1.0 \times 2.05$  | 2.05   | m <sup>2</sup> |
| Powierzchnia Ścian           | $9.32 \times 2.241 - 1.80 \times 0.90 - 1.80 \times 0.90 - 1.80 \times 0.90 + 5.12 \times 3.613 - 1 \times 5.12 \times 1.372 - 1.0 \times 2.05 + 9.32 \times 3.613 + 5.12 \times 3.613 - 1 \times 1.372 \times 5.12$ | 77.63  | m <sup>2</sup> |
| Objętość                     | $2.927 \times (5.12 \times 9.32) - 8.99 \times 0.015 \times (9.32 + 5.12 + 9.32 + 5.12)$   | 135.78 | m <sup>3</sup> |
| Uwagi                        | pcv (wykl. sportowa)   |        |                |

**WC**

|                              |   |      |                |
|------------------------------|---|------|----------------|
| Powierzchnia podłoga         | $1.3 \times 1.17 - (0.015 \times (1.17 + 1.3 + 1.17 + 1.3))$  |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.170 + 1.300 + 1.170 + 1.300$   | 4    | m              |
| Powierzchnia okien (1 Okna)  | $0.60 \times 0.60$  | 0.36 | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$   | 1.84 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.17 \times 2.241 - 0.60 \times 0.60 + 1.3 \times 2.59 - 1 \times 1.3 \times 0.348 + 1.17 \times 2.59 - 0.9 \times 2.05 + 1.3 \times 2.59 - 1 \times 1.3 \times 0.348$ | 9.73 | m <sup>2</sup> |
| Objętość                     | $2.415 \times (1.3 \times 1.17) - 8.99 \times 0.015 \times (1.17 + 1.3 + 1.17 + 1.3)$   | 3.01 | m <sup>3</sup> |
| Uwagi                        | gres  |      |                |

**Pisuar**

|                              |   |      |                |
|------------------------------|---|------|----------------|
| Powierzchnia podłoża         | $1.3 \times 1.17 - (0.015 \times (1.17 + 1.3 + 1.17 + 1.3))$  |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.170 + 1.300 + 1.170 + 1.300$   |      | m              |
| Powierzchnia okien (1 Okna)  | 0.60x0.60   | 0.36 | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05  | 1.84 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.17 \times 2.241 - 0.60 \times 0.60 + 1.3 \times 2.59 - 1 \times 1.3 \times 0.348 + 1.17 \times 2.59 - 0.9 \times 2.05 + 1.3 \times 2.59 - 1 \times 1.3 \times 0.348$ | 9.73 | m <sup>2</sup> |
| Objętość                     | $2.415 \times (1.3 \times 1.17) - 8.99 \times 0.015 \times (1.17 + 1.3 + 1.17 + 1.3)$   | 3.01 | m <sup>3</sup> |
| Uwagi                        | gres  |      |                |

**Szatnia**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoża         | $3.12 \times 3.12 - (0.015 \times (3.12 + 3.12 + 3.12 + 3.12))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $3.120 + 3.120 + 3.120 + 3.120$  | 12    | m              |
| Powierzchnia okien (1 Okna)  | 1.50x0.90  | 1.35  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05   | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.12 \times 2.241 - 1.50 \times 0.90 + 3.12 \times 3.077 - 1 \times 3.12 \times 0.836 + 3.12 \times 3.077 - 0.9 \times 2.05 + 3.12 \times 3.077 - 1 \times 3.12 \times 0.836$ | 30.00 | m <sup>2</sup> |
| Objętość                     | $2.659 \times (3.12 \times 3.12) - 8.99 \times 0.015 \times (3.12 + 3.12 + 3.12 + 3.12)$   | 24.20 | m <sup>3</sup> |
| Uwagi                        | pcv  |       |                |

**Szatnia**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoża         | $3.12 \times 3.12 - (0.015 \times (3.12 + 3.12 + 3.12 + 3.12))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $3.120 + 3.120 + 3.120 + 3.120$  | 12    | m              |
| Powierzchnia okien (1 Okna)  | 1.50x0.90  | 1.35  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05   | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.12 \times 2.241 - 1.50 \times 0.90 + 3.12 \times 3.077 - 1 \times 3.12 \times 0.836 + 3.12 \times 3.077 - 0.9 \times 2.05 + 3.12 \times 3.077 - 1 \times 3.12 \times 0.836$ | 30.00 | m <sup>2</sup> |
| Objętość                     | $2.659 \times (3.12 \times 3.12) - 8.99 \times 0.015 \times (3.12 + 3.12 + 3.12 + 3.12)$   | 24.20 | m <sup>3</sup> |
| Uwagi                        | pcv  |       |                |

**WC**

|                              |   |      |                |
|------------------------------|---|------|----------------|
| Powierzchnia podłoga         | $1.3 \times 1.14 - (0.015 \times (1.14 + 1.3 + 1.14 + 1.3))$  |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.140 + 1.300 + 1.140 + 1.300$   |      | m              |
| Powierzchnia okien (1 Okna)  | 0.60x0.60   | 0.36 | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05  | 1.84 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.14 \times 2.241 - 0.60 \times 0.60 + 1.3 \times 2.59 - 1 \times 1.3 \times 0.348 + 1.14 \times 2.59 - 0.9 \times 2.05 + 1.3 \times 2.59 - 1 \times 1.3 \times 0.348$ | 9.58 | m <sup>2</sup> |
| Objętość                     | $2.415 \times (1.3 \times 1.14) - 8.99 \times 0.015 \times (1.14 + 1.3 + 1.14 + 1.3)$   | 2.92 | m <sup>3</sup> |
| Uwagi                        | gres  |      |                |

**WC**

|                              |   |      |                |
|------------------------------|---|------|----------------|
| Powierzchnia podłoga         | $1.3 \times 1.14 - (0.015 \times (1.14 + 1.3 + 1.14 + 1.3))$  |      | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.140 + 1.300 + 1.140 + 1.300$   |      | m              |
| Powierzchnia okien (1 Okna)  | 0.60x0.60   | 0.36 | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05  | 1.84 | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.14 \times 2.241 - 0.60 \times 0.60 + 1.3 \times 2.59 - 1 \times 1.3 \times 0.348 + 1.14 \times 2.59 - 0.9 \times 2.05 + 1.3 \times 2.59 - 1 \times 1.3 \times 0.348$ | 9.58 | m <sup>2</sup> |
| Objętość                     | $2.415 \times (1.3 \times 1.14) - 8.99 \times 0.015 \times (1.14 + 1.3 + 1.14 + 1.3)$   | 2.92 | m <sup>3</sup> |
| Uwagi                        | gres  |      |                |

**Zaplecze**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $5.12 \times 4.2 - (0.015 \times (4.2 + 5.12 + 4.2 + 5.12))$   | 2     | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $4.200 + 5.120 + 4.200 + 5.120$  | 18    | m              |
| Powierzchnia okien (1 Okna)  | 1.80x0.90  | 1.62  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | 0.9x2.05   | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $4.2 \times 2.241 - 1.80 \times 0.90 + 5.12 \times 3.613 - 1 \times 5.12 \times 1.372 + 4.2 \times 3.613 + 5.12 \times 3.613 - 1 \times 5.12 \times 1.372 - 0.9 \times 2.05$ | 51.10 | m <sup>2</sup> |
| Objętość                     | $2.927 \times (5.12 \times 4.2) - 8.99 \times 0.015 \times (4.2 + 5.12 + 4.2 + 5.12)$  | 60.43 | m <sup>3</sup> |
| Uwagi                        | pcv  |       |                |

**Pokój instruktorów**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $5.12 \times 2.52 - (0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12))$  | 12    | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $2.520 + 3.230 + 1.890 + 2.520 + 5.120$   | 15    | m              |
| Powierzchnia okien (1 Okna)  | $1.80 \times 0.90$  | 1.62  | m <sup>2</sup> |
| Powierzchnia drzwi (2 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05$   | 3.68  | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.52 \times 2.241 - 1.80 \times 0.90 + 3.23 \times 3.107 - 1 \times 3.23 \times 0.865 - 0.9 \times 2.05 + 1.89 \times 3.613 - 1 \times 1.89 \times 0.506 + 2.52 \times 3.613 - 0.9 \times 2.05 + 5.12 \times 3.613 - 1 \times 5.12 \times 1.372$ | 39.43 | m <sup>2</sup> |
| Objętość                     | $2.927 \times (5.12 \times 2.52) - 8.99 \times 0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12)$   | 35.70 | m <sup>3</sup> |
| Uwagi                        | pcv   |       |                |

**Natryski**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłoga         | $1.55 \times 3.12 - (0.015 \times (3.12 + 1.55 + 3.12 + 1.55))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $3.120 + 1.550 + 3.120 + 1.550$  | 9     | m              |
| Powierzchnia okien (1 Okna)  | $0.60 \times 0.60$   | 0.36  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$  | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $3.12 \times 2.241 - 0.60 \times 0.60 + 1.55 \times 2.657 - 1 \times 1.55 \times 0.415 + 3.12 \times 2.657 - 0.9 \times 2.05 + 1.55 \times 2.657 - 1 \times 1.55 \times 0.415$ | 20.68 | m <sup>2</sup> |
| Objętość                     | $2.449 \times (1.55 \times 3.12) - 8.99 \times 0.015 \times (3.12 + 1.55 + 3.12 + 1.55)$   | 10.58 | m <sup>3</sup> |
| Uwagi                        | gres   |       |                |

**WC**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $1.0 \times 1.56 - (0.015 \times (1.56 + 1.0 + 1.56 + 1.0))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.560 + 1.000 + 1.560 + 1.000$   | 5     | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $0.9 \times 2.05$   | 1.84  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.56 \times 3.107 - 1 \times 1.56 \times 0.418 + 1.0 \times 3.107 + 1.56 \times 3.107 - 1 \times 1.56 \times 0.418 - 0.9 \times 2.05 + 1.0 \times 2.689$ | 13.00 | m <sup>2</sup> |
| Objętość                     | $2.898 \times (1.0 \times 1.56) - 8.99 \times 0.015 \times (1.56 + 1.0 + 1.56 + 1.0)$   | 3.83  | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

**Kl. schodowa**

|                              |   |        |                |
|------------------------------|---|--------|----------------|
| Powierzchnia podłóża         | $3.0 \times 8.03 - (0.015 \times (8.03 + 3.0 + 3.88 + 4.15 + 3.0))$   | 2      | m <sup>2</sup> |
| Obwód (5 Strony Ścian)       | $8.030 + 3.000 + 3.880 + 4.150 + 3.000$   | 22     | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00   | m <sup>2</sup> |
| Powierzchnia drzwi (1 Drzwi) | $1.8 \times 2.05$   | 3.69   | m <sup>2</sup> |
| Powierzchnia Ścian           | $4.3 \times 2.917 - 1 \times 4.3 \times 1.152 + 1 \times 0.999 \times 3.73 + 3.171 \times 8.03 + 3.0 \times 6.088 + 3.88 \times 6.088 - 1 \times 3.88 \times 1.04 - 1.8 \times 2.05 + 0.42 \times 1.877 - 1 \times 0.42 \times 0.113 + 1 \times 0.999 \times 3.73 + 3.171 \times 4.15 + 3.0 \times 3.171$ | 98.86  | m <sup>2</sup> |
| Objętość                     | $5.512 \times (3.0 \times 4.3) + 3.671 \times (3.73 \times 3.0) - 8.99 \times 0.015 \times (8.03 + 3.0 + 3.88 + 4.15 + 3.0)$  | 109.21 | m <sup>3</sup> |
| Uwagi                        | gres  |        |                |

**Przeds.**

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłóża         | $1.56 \times 2.0 - (0.015 \times (2.0 + 1.56 + 2.0 + 1.56))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $2.000 + 1.560 + 2.000 + 1.560$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (3 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$   | 5.52  | m <sup>2</sup> |
| Powierzchnia Ścian           | $2.0 \times 3.107 + 1.56 \times 3.107 - 1 \times 1.56 \times 0.418 - 0.9 \times 2.05 + 2.0 \times 2.689 - 0.9 \times 2.05 + 1.56 \times 3.107 - 1 \times 1.56 \times 0.418 - 0.9 \times 2.05$ | 15.11 | m <sup>2</sup> |
| Objętość                     | $2.898 \times (1.56 \times 2.0) - 8.99 \times 0.015 \times (2.0 + 1.56 + 2.0 + 1.56)$   | 8.08  | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

**Trybuny**

|                              |  |       |                |
|------------------------------|--|-------|----------------|
| Powierzchnia podłóża         | $2.51 \times 6.14 + 25.47 \times 2.14 + 2.12 \times 11.46 - (0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6) - (0.015 \times (2.26 + 3.88 + 11.88 + 4.0 + 2.65 + 4.0 + 13.45 + 4.0 + 2.14 + 9.44 + 2.12 + 2.58 + 6.36 + 0.01 + 0.12 + 0.01 + 2.4 + 2.12 + 4.32 + 2.76))$ | 9     | m <sup>2</sup> |
| Obwód (17 Strony Ścian)      | $2.260 + 3.880 + 11.880 + 13.450 + 4.000 + 2.140 + 9.440 + 2.120 + 2.580 + 6.360 + 0.010 + 0.120 + 0.010 + 2.400 + 2.120 + 4.320 + 2.760$  | 69    | m              |
| Powierzchnia okien (0 Okna)  |  | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (9 Drzwi) | $1.8 \times 2.05 + 1.8 \times 2.05 + 1.0 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05 +$  | 20.47 | m <sup>2</sup> |



|                    |   |        |                |
|--------------------|---|--------|----------------|
|                    | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$   |        |                |
| Powierzchnia Ścian | $0.42 \times 1.371 - 1 \times 0.42 \times 0.113 +$<br>$1 \times 0.493 \times 1.84 + 3.678 \times 2.26 +$<br>$3.88 \times 6.088 - 1 \times 3.88 \times 1.04 - 1.8 \times 2.05 +$<br>$2.51 \times 6.088 + 0.000 + 0.000 +$<br>$1 \times 1.84 \times 0.493 + 0.3 \times 1.339 - 1 \times 0.08 \times 0.3$<br>$+ 3.678 \times 2.14 - 1.8 \times 2.05 + 9.44 \times 3.678 +$<br>$2.12 \times 3.678 - 1 \times 2.12 \times 0.568 - 1.0 \times 2.05 +$<br>$2.58 \times 3.109 - 0.9 \times 2.05 + 6.36 \times 3.109 -$<br>$0.9 \times 2.05 - 0.9 \times 2.05 + 0.01 \times 3.112 -$<br>$1 \times 0.01 \times 0.003 + 0.000 + 0.01 \times 3.112 -$<br>$1 \times 0.01 \times 0.003 + 2.4 \times 3.109 - 0.9 \times 2.05 +$<br>$2.12 \times 3.678 - 1 \times 2.12 \times 0.568 - 0.9 \times 2.05 +$<br>$4.32 \times 3.678 + 2.76 \times 3.678 - 0.9 \times 2.05$ | 144.91 | m <sup>2</sup> |
| Objętość           | $3.64 \times (1.84 \times 27.98 + 2.12 \times 11.46) +$<br>$5.512 \times (0.3 \times 27.98 + 4.0 \times 2.51) -$<br>$9.0 \times 0.015 \times (2.26 + 3.88 + 11.88 + 4.0 +$<br>$2.65 + 4.0 + 13.45 + 4.0 + 2.14 + 9.44 +$<br>$2.12 + 2.58 + 6.36 + 0.01 + 0.12 + 0.01 +$<br>$2.4 + 2.12 + 4.32 + 2.76) - 9.0 \times (0.3 \times 0.6$<br>$+ 0.3 \times 0.6 + 0.3 \times 0.6)$   | 361.71 | m <sup>3</sup> |
| Uwagi              | pcv   |        |                |

#### Toaleta

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $2.4 \times 1.7 - (0.015 \times (1.7 + 2.4 + 1.7 + 2.4))$   |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.700 + 2.400 + 1.700 + 2.400$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (3 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$   | 5.52  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.7 \times 3.077 - 1 \times 1.7 \times 0.456 + 2.4 \times 3.077 -$<br>$0.9 \times 2.05 + 1.7 \times 3.077 - 1 \times 1.7 \times 0.456 +$<br>$2.4 \times 2.622 - 0.9 \times 2.05 - 0.9 \times 2.05$ | 17.83 | m <sup>2</sup> |
| Objętość                     | $2.85 \times (2.4 \times 1.7) - 8.99 \times 0.015 \times (1.7 + 2.4 + 1.7 + 2.4)$   | 10.52 | m <sup>3</sup> |
| Uwagi                        | gres  |       |                |

#### Toaleta

|                              |   |       |                |
|------------------------------|---|-------|----------------|
| Powierzchnia podłoga         | $2.46 \times 1.7 - (0.015 \times (1.7 + 2.46 + 1.7 + 2.46))$  |       | m <sup>2</sup> |
| Obwód (4 Strony Ścian)       | $1.700 + 2.460 + 1.700 + 2.460$   |       | m              |
| Powierzchnia okien (0 Okna)  |   | 0.00  | m <sup>2</sup> |
| Powierzchnia drzwi (3 Drzwi) | $0.9 \times 2.05 + 0.9 \times 2.05 + 0.9 \times 2.05$   | 5.52  | m <sup>2</sup> |
| Powierzchnia Ścian           | $1.7 \times 3.077 - 1 \times 1.7 \times 0.456 + 2.46 \times 3.077 -$<br>$0.9 \times 2.05 + 1.7 \times 3.077 - 1 \times 1.7 \times 0.456 +$<br>$2.46 \times 2.622 - 0.9 \times 2.05 - 0.9 \times 2.05$ | 18.18 | m <sup>2</sup> |

|          |  |       |                |
|----------|--|-------|----------------|
| Objętość | $2.85 \times (2.46 \times 1.7) - 8.99 \times 0.015 \times (1.7 + 2.46 + 1.7 + 2.46)$ | 10.80 | m <sup>3</sup> |
| Uwagi    | gres   |       |                |

## Zestawienie kondygnacji

### Mury fundamentowe

|                      |   |         |                |
|----------------------|---|---------|----------------|
| Powierzchnia Podłoża | $18.06 \times 35.96 + 4.0 \times 2.5 - (0.015 \times (18.06 + 18.25 + 4.0 + 2.5 + 4.0 + 15.21 + 18.06 + 35.96)) + 2.9 \times 4.5 - (0.015 \times (2.9 + 4.5 + 2.9 + 4.5)) + 4.49 \times 8.4 + 0.01 \times 7.5 + 0.01 \times 0.66 - (0.015 \times (8.4 + 4.5 + 7.5 + 0.01 + 0.24 + 0.01 + 0.66 + 4.5)) + 4.96 \times 5.12 - (0.015 \times (4.96 + 5.12 + 4.96 + 5.12)) + 4.12 \times 5.12 - (0.015 \times (4.12 + 5.12 + 4.12 + 5.12)) + 1.09 \times 1.26 - (0.015 \times (1.09 + 1.26 + 1.09 + 1.26)) + 1.09 \times 1.26 - (0.015 \times (1.09 + 1.26 + 1.09 + 1.26)) + 3.04 \times 3.96 - 1 \times 0.821 \times 0.821 - (0.015 \times (3.04 + 3.96 + 2.219 + 1.162 + 3.139)) + 3.04 \times 3.96 - 1 \times 0.761 \times 0.761 - (0.015 \times (3.04 + 3.199 + 1.077 + 2.279 + 3.96)) + 1.06 \times 1.26 - (0.015 \times (1.06 + 1.26 + 1.06 + 1.26)) + 1.06 \times 1.26 - (0.015 \times (1.06 + 1.26 + 1.06 + 1.26)) + 4.16 \times 5.12 - (0.015 \times (4.16 + 5.12 + 4.16 + 5.12)) + 2.52 \times 5.12 - (0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12)) + 3.04 \times 1.55 - (0.015 \times (3.04 + 1.55 + 3.04 + 1.55)) + 1.48 \times 1.0 - (0.015 \times (1.48 + 1.0 + 1.48 + 1.0)) + 3.0 \times 8.03 + 2.76 \times 3.76 - (0.015 \times (8.03 + 5.76 + 3.76 + 2.76 + 4.27 + 3.0)) + 1.84 \times 1.48 - (0.015 \times (1.84 + 1.48 + 1.84 + 1.48)) + 2.14 \times 27.98 + 1.2 \times 4.58 - (0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6) - (0.015 \times (2.14 + 11.97 + 2.5 + 13.51 + 2.14 + 12.88 + 1.2 + 2.22 + 2.36 + 1.2 + 7.76 + 2.76)) + 3.76 \times 8.97 - (0.015 \times (3.76 + 8.97 + 3.76 + 8.97)) + 6.985 \times 3.76 + 6.285 \times 0.059 + 3.701 \times 6.035 - (0.015 \times (3.76 + 13.27 + 3.76 + 6.035 + 3.701 + 0.25 + 3.701 + 6.985)) + 1 \times 0.88 \times 0.88 + 2.32 \times 0.881 + 0.959 \times 3.2 - (0.015 \times (3.2 + 0.959 + 1.245 + 0.001 + 2.32 + 1.84)) + 1.62 \times 2.32 - (0.015 \times (1.62 + 2.32 + 1.62 + 2.32)) + 1.62 \times 2.38 - (0.015 \times (1.62 + 2.38 + 1.62 + 2.38)) + 1 \times 0.78 \times 0.78 + 1.06 \times 0.761 + 2.439 \times 1.84 - (0.015 \times (1.103 + 0.019 + 1.06 + 3.2 + 1.84 + 2.439))$ | 1021.98 | m <sup>2</sup> |
| Obwód                | $18.060 + 18.250 + 4.000 + 2.500 + 4.000 + 15.210 + 18.060 + 35.960 + 2.900 +$  | 487.923 | m              |

|                    |   |        |                |
|--------------------|---|--------|----------------|
|                    | $4.500 + 2.900 + 4.500 + 8.400 + 4.500 + 7.500 + 0.010 + 0.240 + 0.010 + 0.660 + 4.500 + 4.960 + 5.120 + 4.960 + 5.120 + 4.120 + 5.120 + 4.120 + 5.120 + 1.090 + 1.260 + 1.090 + 1.260 + 1.090 + 1.260 + 1.090 + 1.260 + 3.040 + 3.960 + 2.219 + 1.162 + 3.139 + 3.040 + 3.199 + 1.077 + 2.279 + 3.960 + 1.060 + 1.260 + 1.060 + 1.260 + 1.060 + 1.260 + 1.060 + 1.260 + 4.160 + 5.120 + 4.160 + 5.120 + 2.520 + 3.230 + 1.890 + 2.520 + 5.120 + 3.040 + 1.550 + 3.040 + 1.550 + 1.480 + 1.000 + 1.480 + 1.000 + 8.030 + 5.760 + 3.760 + 2.760 + 4.270 + 3.000 + 1.840 + 1.480 + 1.840 + 1.480 + 2.140 + 11.970 + 2.500 + 13.510 + 2.140 + 12.880 + 1.200 + 2.220 + 2.360 + 1.200 + 7.760 + 2.760 + 3.760 + 8.970 + 3.760 + 8.970 + 3.760 + 13.270 + 3.760 + 6.035 + 3.701 + 0.250 + 3.701 + 6.985 + 3.200 + 0.959 + 1.245 + 0.001 + 2.320 + 1.840 + 1.620 + 2.320 + 1.620 + 2.320 + 1.620 + 2.380 + 1.620 + 2.380 + 1.103 + 0.019 + 1.060 + 3.200 + 1.840 + 2.439$ |        |                |
| Powierzchnia okien |   | 0.00   | m <sup>2</sup> |
| Powierzchnia drzwi |   | 0.00   | m <sup>2</sup> |
| Powierzchnia ścian |   | 873.39 | m <sup>2</sup> |

## Parter

|                      |  |         |                |
|----------------------|--|---------|----------------|
| Powierzchnia Podłóża | $18.06 \times 35.96 + 4.0 \times 2.5 - (0.015 \times (18.06 + 18.25 + 4.0 + 2.5 + 4.0 + 15.21 + 18.06 + 35.96)) + 2.94 \times 4.5 - (0.015 \times (2.94 + 4.5 + 2.94 + 4.5)) + 4.49 \times 8.44 + 0.01 \times 7.5 + 0.01 \times 0.7 - (0.015 \times (8.44 + 4.5 + 7.5 + 0.01 + 0.24 + 0.01 + 0.7 + 4.5)) + 5.0 \times 5.12 - (0.015 \times (5.0 + 5.12 + 5.0 + 5.12)) + 4.2 \times 5.12 - (0.015 \times (4.2 + 5.12 + 4.2 + 5.12)) + 1.17 \times 1.3 - (0.015 \times (1.17 + 1.3 + 1.17 + 1.3)) + 1.17 \times 1.3 - (0.015 \times (1.17 + 1.3 + 1.17 + 1.3)) + 3.12 \times 4.0 - 1 \times 0.845 \times 0.845 - (0.015 \times (3.12 + 4.0 + 2.275 + 1.195 + 3.155)) + 3.12 \times 4.0 - 1 \times 0.785 \times 0.785 - (0.015 \times (3.12 + 3.215 + 1.11 + 2.335 + 4.0)) + 1.14 \times 1.3 - (0.015 \times (1.14 + 1.3 + 1.14 + 1.3)) + 1.14 \times 1.3 - (0.015 \times (1.14 + 1.3 + 1.14 + 1.3)) + 4.2 \times 5.12 - (0.015 \times (4.2 + 5.12 + 4.2 + 5.12)) + 2.52 \times 5.12 - (0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12)) + 3.12 \times 1.55 - (0.015 \times (3.12 + 1.55 + 3.12 + 1.55)) + 1.56 \times 1.0 - (0.015 \times (1.56 + 1.0 + 1.56 + 1.0)) + 3.0 \times 8.03 + 2.75 \times 3.76 - (0.015 \times$ | 1026.55 | m <sup>2</sup> |
|----------------------|--|---------|----------------|

|                    |   |         |                |
|--------------------|---|---------|----------------|
|                    | $  \begin{aligned}  & (8.03 + 5.76 + 3.76 + 2.76 + 4.27 + 3.0)) \\  & + 2.0 \times 1.56 - (0.015 \times (2.0 + 1.56 + 2.0 + \\  & 1.56)) + 2.14 \times 27.98 + 1.24 \times 4.66 - \\  & (0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6) - \\  & (0.015 \times (2.14 + 11.97 + 2.5 + 13.51 + \\  & 2.14 + 12.84 + 1.24 + 2.3 + 0.12 + 2.24 + \\  & 1.24 + 7.72 + 2.76)) + 8.97 \times 3.76 - (0.015 \\  & \times (3.76 + 8.97 + 3.76 + 8.97)) + \\  & 6.985 \times 3.76 + 0.125 \times 0.059 - (0.015 \times \\  & (3.76 + 7.11 + 0.059 + 0.125 + 3.701 + \\  & 6.985)) + 1 \times 0.88 \times 0.88 + 2.4 \times 0.905 + \\  & 0.975 \times 3.28 - (0.015 \times (3.28 + 0.975 + \\  & 1.245 + 0.025 + 2.4 + 1.88)) + 1.7 \times 2.4 - \\  & (0.015 \times (1.7 + 2.4 + 1.7 + 2.4)) + \\  & 1.7 \times 2.46 - (0.015 \times (1.7 + 2.46 + 1.7 + \\  & 2.46)) + 1 \times 0.82 \times 0.82 + 1.06 \times 0.785 + \\  & 2.495 \times 1.88 - (0.015 \times (1.16 + 0.035 + \\  & 1.06 + 3.28 + 1.88 + 2.495)) + \\  & 0.059 \times 6.16 + 3.701 \times 6.035 - (0.015 \times \\  & (3.76 + 6.035 + 3.701 + 0.125 + 0.059 + \\  & 6.16))  \end{aligned}  $  |         |                |
| Obwód              | $  \begin{aligned}  & 18.060 + 18.250 + 4.000 + 2.500 + 4.000 \\  & + 15.210 + 18.060 + 35.960 + 2.940 + \\  & 4.500 + 2.940 + 4.500 + 8.440 + 4.500 + \\  & 7.500 + 0.010 + 0.240 + 0.010 + 0.700 + \\  & 4.500 + 5.000 + 5.120 + 5.000 + 5.120 + \\  & 4.200 + 5.120 + 4.200 + 5.120 + 1.170 + \\  & 1.300 + 1.170 + 1.300 + 1.170 + 1.300 + \\  & 1.170 + 1.300 + 3.120 + 4.000 + 2.275 + \\  & 1.195 + 3.155 + 3.120 + 3.215 + 1.110 + \\  & 2.335 + 4.000 + 1.140 + 1.300 + 1.140 + \\  & 1.300 + 1.140 + 1.300 + 1.140 + 1.300 + \\  & 4.200 + 5.120 + 4.200 + 5.120 + 2.520 + \\  & 3.230 + 1.890 + 2.520 + 5.120 + 3.120 + \\  & 1.550 + 3.120 + 1.550 + 1.560 + 1.000 + \\  & 1.560 + 1.000 + 8.030 + 5.760 + 3.760 + \\  & 2.760 + 4.270 + 3.000 + 2.000 + 1.560 + \\  & 2.000 + 1.560 + 2.140 + 11.970 + 2.500 \\  & + 13.510 + 2.140 + 12.840 + 1.240 + \\  & 2.300 + 0.120 + 2.240 + 1.240 + 7.720 + \\  & 2.760 + 3.760 + 8.970 + 3.760 + 8.970 + \\  & 3.760 + 7.110 + 0.125 + 3.701 + 6.985 + \\  & 3.280 + 0.975 + 1.245 + 0.025 + 2.400 + \\  & 1.880 + 1.700 + 2.400 + 1.700 + 2.400 + \\  & 1.700 + 2.460 + 1.700 + 2.460 + 1.160 + \\  & 0.035 + 1.060 + 3.280 + 1.880 + 2.495 + \\  & 3.760 + 6.035 + 3.701 + 0.125 + 6.160  \end{aligned}  $ | 491.822 | m              |
| Powierzchnia okien |   | 9.36    | m <sup>2</sup> |
| Powierzchnia drzwi |   | 83.94   | m <sup>2</sup> |
| Powierzchnia ścian |   | 1070.48 | m <sup>2</sup> |

## 1. Piętro

|                      |  |         |                |
|----------------------|--|---------|----------------|
| Powierzchnia Podłoża | $15.24 \times 18.04 + 20.72 \times 18.07 + 4.24 \times 2.47 + 0.03 \times 5.75 - (0.015 \times (18.07 + 18.19 + 0.24 + 4.0 + 2.65 + 4.0 + 0.24 + 15.12 + 18.07 + 35.96)) + 4.5 \times 3.76 - (0.015 \times (3.76 + 4.5 + 3.76 + 4.5)) + 4.5 \times 7.5 - (0.015 \times (7.5 + 4.5 + 7.5 + 4.5)) + 5.12 \times 9.32 - (0.015 \times (9.32 + 5.12 + 9.32 + 5.12)) + 1.3 \times 1.17 - (0.015 \times (1.17 + 1.3 + 1.17 + 1.3)) + 1.3 \times 1.17 - (0.015 \times (1.17 + 1.3 + 1.17 + 1.3)) + 3.12 \times 3.12 - (0.015 \times (3.12 + 3.12 + 3.12 + 3.12)) + 3.12 \times 3.12 - (0.015 \times (3.12 + 3.12 + 3.12 + 3.12)) + 1.3 \times 1.14 - (0.015 \times (1.14 + 1.3 + 1.14 + 1.3)) + 1.3 \times 1.14 - (0.015 \times (1.14 + 1.3 + 1.14 + 1.3)) + 5.12 \times 4.2 - (0.015 \times (4.2 + 5.12 + 4.2 + 5.12)) + 5.12 \times 2.52 - (0.015 \times (2.52 + 3.23 + 1.89 + 2.52 + 5.12)) + 1.55 \times 3.12 - (0.015 \times (3.12 + 1.55 + 3.12 + 1.55)) + 1.0 \times 1.56 - (0.015 \times (1.56 + 1.0 + 1.56 + 1.0)) + 3.0 \times 8.03 - (0.015 \times (8.03 + 3.0 + 3.88 + 4.15 + 3.0)) + 1.56 \times 2.0 - (0.015 \times (2.0 + 1.56 + 2.0 + 1.56)) + 2.51 \times 6.14 + 25.47 \times 2.14 + 2.12 \times 11.46 - (0.3 \times 0.6 + 0.3 \times 0.6 + 0.3 \times 0.6) - (0.015 \times (2.26 + 3.88 + 11.88 + 4.0 + 2.65 + 4.0 + 13.45 + 4.0 + 2.14 + 9.44 + 2.12 + 2.58 + 6.36 + 0.01 + 0.12 + 0.01 + 2.4 + 2.12 + 4.32 + 2.76)) + 2.4 \times 1.7 - (0.015 \times (1.7 + 2.4 + 1.7 + 2.4)) + 2.46 \times 1.7 - (0.015 \times (1.7 + 2.46 + 1.7 + 2.46))$ | 947.73  | m <sup>2</sup> |
| Obwód                | $18.070 + 18.190 + 0.240 + 0.240 + 15.120 + 18.070 + 35.960 + 3.760 + 4.500 + 3.760 + 4.500 + 7.500 + 4.500 + 7.500 + 4.500 + 9.320 + 5.120 + 9.320 + 5.120 + 1.170 + 1.300 + 1.170 + 1.300 + 1.170 + 1.300 + 1.170 + 1.300 + 3.120 + 3.120 + 3.120 + 3.120 + 3.120 + 3.120 + 3.120 + 1.140 + 1.300 + 1.140 + 1.300 + 1.140 + 1.300 + 1.140 + 1.300 + 4.200 + 5.120 + 4.200 + 5.120 + 2.520 + 3.230 + 1.890 + 2.520 + 5.120 + 3.120 + 1.550 + 3.120 + 1.550 + 1.560 + 1.000 + 1.560 + 1.000 + 8.030 + 3.000 + 3.880 + 4.150 + 3.000 + 2.000 + 1.560 + 2.000 + 1.560 + 2.260 + 3.880 + 11.880 + 13.450 + 4.000 + 2.140 + 9.440 + 2.120 + 2.580 + 6.360 + 0.010 + 0.120 + 0.010 + 2.400 + 2.120 + 4.320 + 2.760 + 1.700 + 2.400 + 1.700 + 2.400 + 1.700 + 2.460 + 1.700 + 2.460$   | 383.820 | m              |
| Powierzchnia okien   |  | 166.08  | m <sup>2</sup> |
| Powierzchnia drzwi   |  | 35.40   | m <sup>2</sup> |
| Powierzchnia ścian   |  | 1181.40 | m <sup>2</sup> |

