Obiekt: Budynek Uniwersytetu Łódzkiego "Motyl".

Treść rys.: Rzut poddasza. Wzmocnienia i wyburzenia.

MKT

2024-02-07 | SPECYFIKACJA DO RYSUNKU NR: **MTL-PT-K-12** | **1 / 4**

ELEMENT	POZYCJA	SZKIC PRĘTA [cm]	Φ	Φ	Długość [cm]	Ilość "n" [szt.]		"n x l" [m]	Ciężar [kg]	Ciężar całk. [kg]
			A-0	A-IIIN	l	na 1 el.	na Σ el.	L	wg Φ	Σ
1	2	3	4	5	6	7	8	9	10	11
Ściana " ScP-1[gr.25cm]"	9	317 / 17	-	12	334.0	-	396	1322.6	1174.3	**2205.1**
	17	1103.98 mb	-	12	1104.0 mb	-	-	1104.0	980.1	
	31	9 / 17	-	8	86.0	-	119	102.3	40.4	
	33	19 / 7	-	4.5	33.0	-	250	82.5	10.3	
Ściana " ScP-2[gr.25cm]"	15	189 / 17	-	12	206.0	-	776	1598.6	1419.2	**2870.0**
	17	1531.44 mb	-	12	1531.4 mb	-	-	1531.4	1359.6	
	31	9 / 17	-	8	86.0	-	233	200.4	79.1	
	33	19 / 7	-	4.5	33.0	-	294	97.0	12.1	
Ściana " ScP-3[gr.25cm]"	12	287	-	12	287.0	-	62	177.9	158.0	**793.5**
	15	189 / 17	-	12	206.0	-	124	255.4	226.8	
	16	13 / 47 / 27	-	12	175.0	-	62	108.5	96.3	
	17	301.2 mb	-	12	301.2 mb	-	-	301.2	267.4	
	24	94 / 60 / 94 / 29	-	8	287.0	-	38	109.1	43.0	
	33	19 / 7	-	4.5	33.0	-	48	15.8	2.0	
Ściana " ScP-4[gr.25cm]"	12	287	-	12	287.0	-	38	109.1	96.8	**484.3**
	15	189 / 17	-	12	206.0	-	76	156.6	139.0	
	16	13 / 47 / 27	-	12	175.0	-	38	66.5	59.0	
	17	182.7 mb	-	12	182.7 mb	-	-	182.7	162.2	
	24	94 / 60 / 94 / 29	-	8	287.0	-	23	66.0	26.0	
	33	19 / 7	-	4.5	33.0	-	30	9.9	1.2	
Ściana " ScP-5[gr.25cm]"	15	189 / 17	-	12	206.0	-	84	173.0	153.6	**283.2**
	17	134.8 mb	-	12	134.8 mb	-	-	134.8	119.7	
	30	9 / 22 / 17	-	8	96.0	-	26	25.0	9.8	

Obiekt: Budynek Uniwersytetu Łódzkiego "Motyl".

Treść rys.: Rzut poddasza. Wzmocnienia i wyburzenia.

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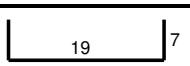
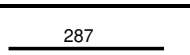
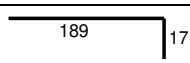
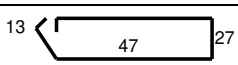
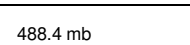
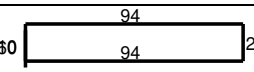
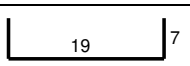
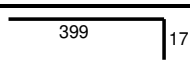
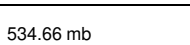
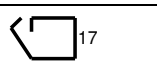
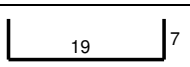
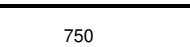
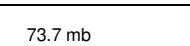
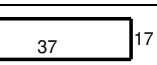
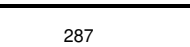
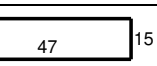
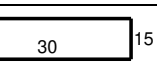
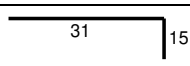
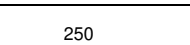
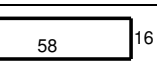
2024-02-07 | SPECYFIKACJA DO RYSUNKU NR: **MTL-PT-K-12** | **2 / 4**

ELEMENT	POZYCJA	SZKIC PRĘTA [cm]	Φ	Φ	Długość [cm]	Ilość "n" [szt.]		"n x l" [m]	Ciężar [kg]	Ciężar całk. [kg]
			A-0	A-IIIN	l	na 1 el.	na Σ el.	L	wg Φ	Σ
1	2	3	4	5	6	7	8	9	10	11
Ściana " ScP-5[gr.25cm]"	33		-	4.5	33.0	-	33	10.9	1.4	Σ= 1.4
Ściana " ScP-6[gr.25cm]"	12		-	12	287.0	-	100	287.0	254.8	Σ= 1280.7
	15		-	12	206.0	-	200	412.0	365.8	
	16		-	12	175.0	-	100	175.0	155.4	
	17		-	12	488.4 mb	-	-	488.4	433.6	
	24		-	8	287.0	-	60	172.2	67.9	
	33		-	4.5	33.0	-	78	25.7	3.2	
Ściana " ScP-7[gr.25cm]"	8		-	12	416.0	-	234	973.4	864.2	Σ= 1359.8
	17		-	12	534.7 mb	-	-	534.7	474.7	
	31		-	8	86.0	-	47	40.4	15.9	
	33		-	4.5	33.0	-	120	39.6	4.9	
Belka "BD-1[25x45cm]"	1		-	16	750.0	-	7	52.5	82.9	Σ= 171.2
	17		-	12	73.7 mb	-	-	73.7	65.4	
	28		-	8	126.0	-	46	58.0	22.9	
Zbrojenie trzpienia "FSC-1" szt. 2	12		-	12	287.0	12	24	68.9	61.2	Σ= 96.6
	27		-	8	142.0	15	30	42.6	16.8	
	29		-	8	108.0	15	30	32.4	12.8	
	32		-	8	46.0	16	32	14.7	5.8	
Nadproże"NZ 1" szt. 5	4		-	16	250.0	5	25	62.5	98.6	Σ= 175.8
	13		-	12	250.0	4	20	50.0	44.4	
	26		-	8	166.0	10	50	83.0	32.8	

Obiekt: Budynek Uniwersytetu Łódzkiego "Motyl".

Treść rys.: Rzut poddasza. Wzmocnienia i wyburzenia.

MKT

2024-02-07 | SPECYFIKACJA DO RYSUNKU NR: **MTL-PT-K-12** | **3 / 4**

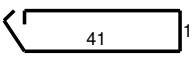
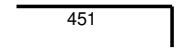
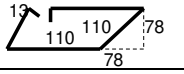
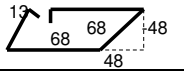
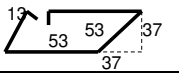
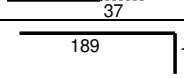
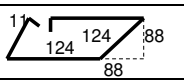
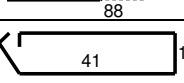
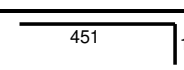
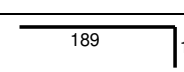
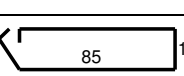
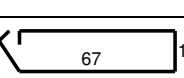
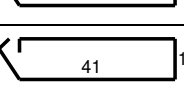
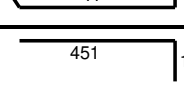
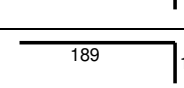
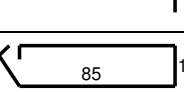
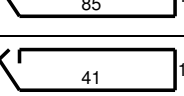
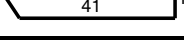
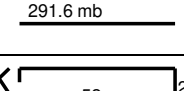
ELEMENT	POZYCJA	SZKIC PRĘTA [cm]	Φ	Φ	Długość [cm]	Ilość "n" [szt.]		"n x l" [m]	Ciężar [kg]	Ciężar całk. [kg]
			A-0	A-IIIN	l	na 1 el.	na Σ el.	L	wg Φ	Σ
1	2	3	4	5	6	7	8	9	10	11
Nadproże"NZ 2" szt. 5	2	300	-	16	300.0	5	25	75.0	118.4	**Σ= 274.0**
	10	300	-	12	300.0	8	40	120.0	106.5	
	26	9 / 58 / 16	-	8	166.0	15	75	124.5	49.1	
Nadproże"NZ3"	5	700	-	12	700.0	-	10	70.0	62.1	**Σ= 72.6**
	26	9 / 58 / 16	-	8	166.0	-	16	26.6	10.5	
Nadproże"NZ 4" szt. 2	2	300	-	16	300.0	5	10	30.0	47.4	**Σ= 89.6**
	10	300	-	12	300.0	4	8	24.0	21.3	
	26	9 / 58 / 16	-	8	166.0	16	32	53.1	21.0	
Nadproże"NZ 5" szt. 20	2	300	-	16	300.0	7	140	420.0	662.9	**Σ= 1085.6**
	10	300	-	12	300.0	4	80	240.0	213.1	
	26	9 / 58 / 16	-	8	166.0	16	320	531.2	209.6	
Nadproże"NZ6 " szt. 3	3	260	-	16	260.0	6	18	46.8	73.9	**Σ= 88.1**
	31	9 / 17	-	8	86.0	14	42	36.1	14.3	
Trzpień "TW-1"	6	451 / 17	-	12	468.0	-	8	37.4	33.2	**Σ= 91.4**
	15	189 / 17	-	12	206.0	-	4	8.2	7.3	
	19	11 / 102 / 16	-	10	259.0	-	16	41.4	25.5	
	23	11 / 41 / 16	-	10	137.0	-	30	41.1	25.3	
Trzpień "TW-2" szt. 2	6	451 / 17	-	12	468.0	8	16	74.9	66.5	**Σ= 198.2**
	15	189 / 17	-	12	206.0	10	20	41.2	36.6	
	19	11 / 102 / 16	-	10	259.0	16	32	82.9	51.1	
	21	11 / 84 / 16	-	10	223.0	16	32	71.4	44.0	

Obiekt: Budynek Uniwersytetu Łódzkiego "Motyl".

Treść rys.: Rzut poddasza. Wzmocnienia i wyburzenia.

MKT

2024-02-07 | SPECYFIKACJA DO RYSUNKU NR: **MTL-PT-K-12** | **4 / 4**

ELEMENT	POZYCJA	SZKIC PRĘTA [cm]	Φ	Φ	Długość [cm]	Ilość "n" [szt.]		"n x l" [m]	Ciężar [kg]	Ciężar całk. [kg]
			A-0	A-IIIN	l	na 1 el.	na Σ el.	L	wg Φ	Σ
1	2	3	4	5	6	7	8	9	10	11
Trzpień "TW-2" szt. 2	23		-	10	137.0	30	60	82.2	50.7	**Σ= 50.7**
Trzpień "TW-3"	6		-	12	468.0	-	14	65.5	58.2	**Σ= 323.2**
	7		-	12	467.0	-	14	65.4	58.0	
	11		-	12	299.0	-	14	41.9	37.2	
	14		-	12	239.0	-	14	33.5	29.7	
	15		-	12	206.0	-	14	28.8	25.6	
	18		-	10	519.0	-	21	109.0	67.2	
	23		-	10	137.0	-	56	76.7	47.3	
Trzpień "TW-4" szt. 2	6		-	12	468.0	8	16	74.9	66.5	**Σ= 228.1**
	15		-	12	206.0	8	16	33.0	29.3	
	20		-	10	225.0	16	32	72.0	44.4	
	22		-	10	189.0	16	32	60.5	37.3	
	23		-	10	137.0	30	60	82.2	50.7	
Trzpień "TW-5"	6		-	12	468.0	-	8	37.4	33.2	**Σ= 84.4**
	15		-	12	206.0	-	2	4.1	3.7	
	20		-	10	225.0	-	16	36.0	22.2	
	23		-	10	137.0	-	30	41.1	25.3	
Wieniec "WP1"	17		-	12	291.6 mb	-	-	291.6	258.9	**Σ= 375.5**
	25		-	8	166.0	-	178	295.5	116.6	