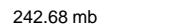
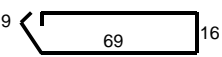
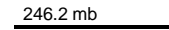
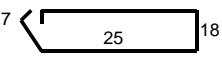

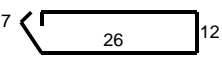

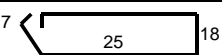

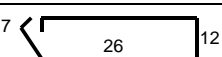
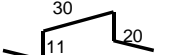
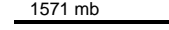
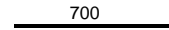
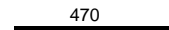
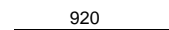
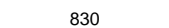
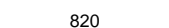
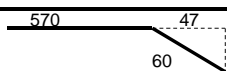

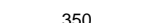
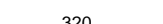

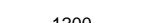
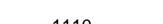


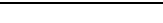
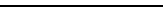
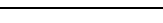
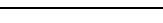
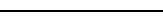

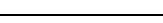
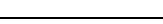





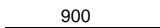
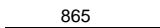
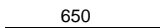
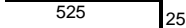
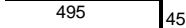
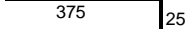
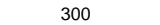

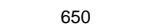
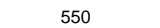

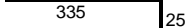
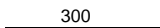


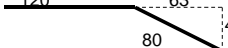


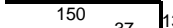
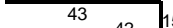
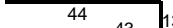


Objekt: Budynek szkoły podstawowej w Kwiatkowicach.										
Treść rys.: Zbrojenie płyty poz.+3.77. Budynek przedszkola										
2016-02-29		SPECYFIKACJA DO RYSUNKU NR:			PW-K-12				1 / 4	
ELEMENT	POZYCJA	SZKIC PRĘTA [cm]	Φ	Φ	Długość [cm]	Ilość "n" [szt.]		"n x l" [m]	Ciężar [kg]	Ciężar całk. [kg]
			A-0	IIIIN		I	na 1 el.			
1	2	3	4	5	6	7	8	9	10	11
Belka "b1"	54		-	10	242.7 mb	-	-	242.7	149.6	355.1 Σ=
	55		-	8	188.0	-	277	520.8	205.5	
Wieniec "w1"	24		-	12	246.2 mb	-	-	246.2	218.6	268.5 Σ=
	57		-	6	100.0	-	225	225.0	49.9	
Wieniec "w2"	24		-	12	140.9 mb	-	-	140.9	125.1	150.8 Σ=
	58		-	6	90.0	-	129	116.1	25.8	
Wieniec "w3"	24		-	12	75.8 mb	-	-	75.8	67.3	77.7 Σ=
	57		-	6	100.0	-	47	47.0	10.4	
Wieniec "w4"	24		-	12	86.9 mb	-	-	86.9	77.1	87.9 Σ=
	58		-	6	90.0	-	54	48.6	10.8	
Zbrojenie dodatkowe	25		-	12	92.0	-	302	277.8	246.7	1215.3 Σ=
	54		-	10	1571.0 mb	-	-	1571.0	968.6	
Zbrojenie dolne płyty	1		-	16	700.0	-	8	56.0	88.4	228.1 Σ=
	2		-	16	470.0	-	3	14.1	22.3	
	4		-	12	920.0	-	9	82.8	73.5	
	8		-	12	830.0	-	3	24.9	22.1	
	9		-	12	820.0	-	3	24.6	21.8	

PW-K-12\_specyfikacja zbrojenia

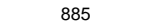
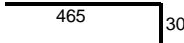
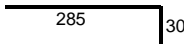
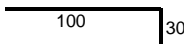

GSBK BIURO KONSTRUKCYJNE © 2016

Obiekt: Budynek szkoły podstawowej w Kwiatkowicach.										
Treść rys.: Zbrojenie płyty poz.+3.77. Budynek przedszkola										
2016-02-29		SPECYFIKACJA DO RYSUNKU NR:			PW-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	AIIN		I	na 1 el.			
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie dolne płyty	11		-	12	630.0	-	7	44.1	39.2	Σ= 3599.6
	16		-	12	400.0	-	34	136.0	120.7	
	17		-	12	350.0	-	128	448.0	397.7	
	18		-	12	320.0	-	3	9.6	8.5	
	21		-	12	285.0	-	2	5.7	5.1	
	26		-	10	1200.0	-	92	1104.0	680.7	
	27		-	10	1110.0	-	9	99.9	61.6	
	28		-	10	1000.0	-	60	600.0	369.9	
	29		-	10	950.0	-	94	893.0	550.6	
	30		-	10	900.0	-	30	270.0	166.5	
	31		-	10	815.0	-	15	122.3	75.4	
	32		-	10	700.0	-	105	735.0	453.2	
	34		-	10	620.0	-	27	167.4	103.2	
	35		-	10	615.0	-	76	467.4	288.2	
	37		-	10	450.0	-	32	144.0	88.8	
	39		-	10	375.0	-	49	183.8	113.3	
	41		-	10	310.0	-	8	24.8	15.3	
	43		-	10	290.0	-	11	31.9	19.7	
	48		-	10	200.0	-	6	12.0	7.4	
	50		-	10	195.0	-	15	29.3	18.0	
51		-	10	170.0	-	16	27.2	16.8		
PW-K-12_specyfikacja zbrojenia									GSBK BIURO KONSTRUKCYJNE © 2016	

Objekt: Budynek szkoły podstawowej w Kwiatkowicach.										
Treść rys.: Zbrojenie płyty poz.+3.77. Budynek przedszkola										
2016-02-29		SPECYFIKACJA DO RYSUNKU NR:			PW-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	AIIN		I	na 1 el.			
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie górne płyty	3		-	12	1200.0	-	3	36.0	32.0	Σ= 2236.1
	5		-	12	900.0	-	6	54.0	47.9	
	7		-	12	865.0	-	2	17.3	15.4	
	10		-	12	650.0	-	3	19.5	17.3	
	12		-	12	550.0	-	3	16.5	14.6	
	13		-	12	540.0	-	3	16.2	14.4	
	15		-	12	400.0	-	8	32.0	28.4	
	20		-	12	300.0	-	32	96.0	85.2	
	22		-	12	200.0	-	53	106.0	94.1	
	33		-	10	650.0	-	105	682.5	420.8	
	36		-	10	550.0	-	115	632.5	390.0	
	38		-	10	400.0	-	8	32.0	19.7	
	40		-	10	360.0	-	35	126.0	77.7	
	42		-	10	300.0	-	176	528.0	325.5	
	44		-	10	240.0	-	30	72.0	44.4	
	45		-	10	240.0	-	48	115.2	71.0	
	46		-	10	200.0	-	7	14.0	8.6	
	47		-	10	200.0	-	317	634.0	390.9	
	48		-	10	200.0	-	88	176.0	108.5	
	49		-	10	200.0	-	14	28.0	17.3	
52		-	10	100.0	-	11	11.0	6.8		
53		-	10	100.0	-	9	9.0	5.5		

PW-K-12\_specyfikacja zbrojenia

GSBK BIURO KONSTRUKCYJNE © 2016

Obiekt: Budynek szkoły podstawowej w Kwiatkowicach.										
Treść rys.: Zbrojenie płyty poz.+3.77. Budynek przedszkola										
2016-02-29		SPECYFIKACJA DO RYSUNKU NR:			PW-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	AIIN		I	na 1 el.		na Σ el.	L
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie ściany szczytowej w osi j,a szt. 2	6		-	12	885.0	4	8	70.8	62.9	Σ= 218.9
	14		-	12	495.0	4	8	39.6	35.2	
	19		-	12	315.0	7	14	44.1	39.2	
	23		-	12	130.0	6	12	15.6	13.8	
	59		-	6	78.0	196	392	305.8	67.9	

PW-K-12\_specyfikacja zbrojenia