

ZESTAWIENIE STALI ZBROJENIOWEJ

Sygnatura projektu: **COS GIŻYCKO**

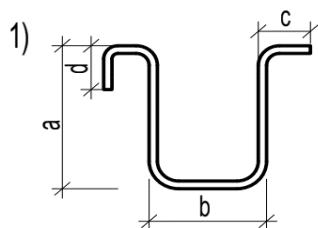
Tytuł rysunku: **Zbrojenie dolne płyt poz. +1 i poz. 1.5**

Numer rysunku: **PW-K-2009**

Typ stali: **B500SP**

ZASADY INTERPRETACJI DŁUGOŚCI POSZCZEGÓLNYCH SEGMENTÓW PRĘTÓW ZBROJENIOWYCH

RULES OF INTERPRETATION LENGTH OF REBAR BENDING DIMENSIONS



Minimalne średnice wewnętrzne zagięcia:
 $R_g = 4 \times \varnothing$ dla $\varnothing < 20$
 $7 \times \varnothing$ dla $\varnothing > 20$


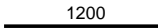
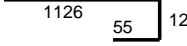
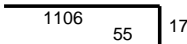
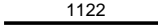
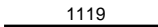
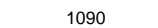
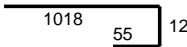
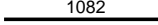
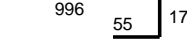
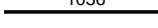
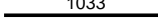
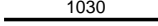
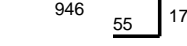
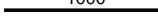
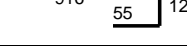


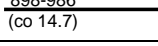
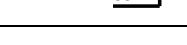
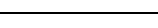
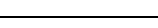
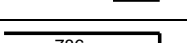
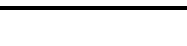



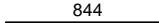

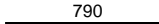
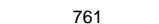
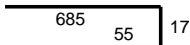

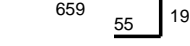
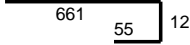
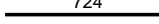
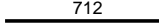
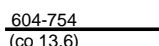
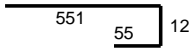
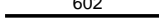
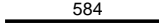
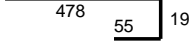
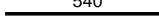
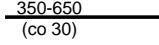
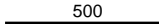

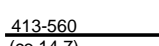
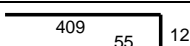
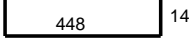
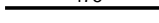

Minimalne średnice wewnętrzne zagięcia:
 dotyczy słupów - prętów głównych odginanych
 do płyty
 $R_g = 4 \times \varnothing$ dla $\varnothing < 20$
 $7 \times \varnothing$ dla $\varnothing > 20$




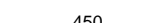

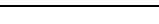
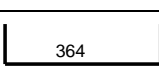
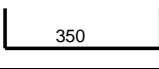
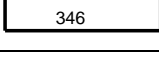

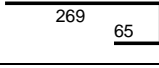
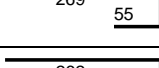
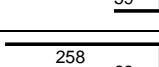
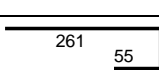
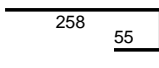
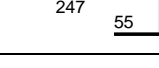
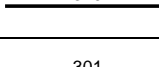


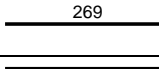


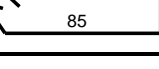



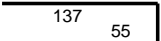
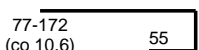
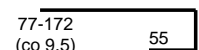
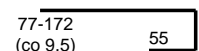
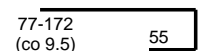
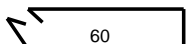
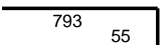
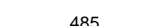
Minimalne średnice wewnętrzne zagięcia:
 $R_g = 4 \times \varnothing$ dla $\varnothing < 20$
 $7 \times \varnothing$ dla $\varnothing > 20$

STOSOWAĆ NORMOWE PROMIENIE GIĘCIA PRĘTÓW / USE NORMAL BENDING REBARS RADIUS

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Zbrojenie dolne płyty poz. +1 i poz. 1.5										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2009				1 / 4	
Nazwa elementu	nr pręta "i"	kształt pręta [cm]	średnica pręta [mm]	średnica pręta [mm]	długość pręta [cm]	Ilość "n _i " [szt.]		"n _i x l _i " [m]	Ciężar [kg]	Ciężar na element
			B500SP	B500SP	l _i	na 1 el.	na Σ el.	L	wg n _i	S
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie dolne płyty poz. +1	1		-	10	1200.0	-	109	1308.0	806.4	Σ= 3198.4
	2		-	10	1193.0	-	16	190.9	117.7	
	3		-	10	1178.0	-	5	58.9	36.3	
	4		-	10	1122.0	-	31	347.8	214.4	
	5		-	10	1119.0	-	97	1085.4	669.2	
	6		-	10	1090.0	-	35	381.5	235.2	
	7		-	10	1085.0	-	16	173.6	107.0	
	8		-	10	1082.0	-	2	21.6	13.3	
	9		-	10	1068.0	-	5	53.4	32.9	
	10		-	10	1036.0	-	16	165.8	102.2	
	11		-	10	1033.0	-	16	165.3	101.9	
	12		-	10	1030.0	-	11	113.3	69.9	
	13		-	10	1018.0	-	4	40.7	25.1	
	14		-	10	1000.0	-	26	260.0	160.3	
	15		-	10	983.0	-	11	108.1	66.7	
	16		-	10	974.0	-	2	19.5	12.0	
	17		-	10	946.0	-	15	141.9	87.5	
	18		-	10	942.0	-	7	65.9	40.7	
	19		-	10	910.0	-	4	36.4	22.4	
	20		-	10	900.0	-	27	243.0	149.8	
	21		-	10	869.0	-	6	52.1	32.1	
	22		-	10	867.0	-	7	60.7	37.4	
	24		-	10	853.0	-	11	93.8	57.8	
	PW-K-2009_SPEC									

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Zbrojenie dolne płyty poz. +1 i poz. 1.5										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2009				2 / 4	
Nazwa elementu	nr pręta "I"	kształt pręta [cm]	średnica pręta [mm]	średnica pręta [mm]	długość pręta [cm]	Ilość "n _i " [szt.]		"n _i x l _i " [m]	Ciężar [kg]	Ciężar na element
			B500SP	B500SP	l _i	na 1 el.	na Σ el.	L	wg n _i	S
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie dolne płyty poz. +1	25		-	10	844.0	-	25	211.0	130.1	Σ= 1153.6
	26		-	10	818.0	-	7	57.3	35.3	
	27		-	10	790.0	-	16	126.4	77.9	
	28		-	10	761.0	-	6	45.7	28.2	
	29		-	10	757.0	-	7	53.0	32.7	
	30		-	10	749.0	-	13	97.4	60.0	
	31		-	10	733.0	-	5	36.7	22.6	
	32		-	10	728.0	-	10	72.8	44.9	
	33		-	10	724.0	-	13	94.1	58.0	
	34		-	10	712.0	-	5	35.6	21.9	
	35		-	10	679.0	-	12	81.5	50.2	
	36		-	10	618.0	-	10	61.8	38.1	
	37		-	10	602.0	-	5	30.1	18.6	
	38		-	10	584.0	-	9	52.6	32.4	
	39		-	10	552.0	-	5	27.6	17.0	
	40		-	10	540.0	-	4	21.6	13.3	
	41		-	10	500.0	-	11	55.0	33.9	
	42		-	10	500.0	-	42	210.0	129.5	
	43		-	10	499.0	-	63	314.4	193.8	
44		-	10	486.5	-	11	53.5	33.0		
46		-	10	476.0	-	14	66.6	41.1		
47		-	10	476.0	-	3	14.3	8.8		
48		-	10	475.0	-	11	52.3	32.2		
PW-K-2009_SPEC										

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Zbrojenie dolne płyty poz. +1 i poz. 1.5										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2009				3 / 4	
Nazwa elementu	nr pręta "i"	kształt pręta [cm]	średnica pręta [mm]	średnica pręta [mm]	długość pręta [cm]	Ilość "n _i " [szt.]		"n _i x l _i " [m]	Ciężar [kg]	Ciężar na element
			B500SP	B500SP	l _i	na 1 el.	na Σ el.	L	wg n _i	S
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie dolne płyty poz. +1	49		-	10	474.0	-	9	42.7	26.3	Σ= 1731.9
	50		-	10	469.0	-	17	79.7	49.2	
	51		-	10	450.0	-	25	112.5	69.4	
	52		-	10	449.0	-	11	49.4	30.5	
	53		-	10	430.0	-	4	17.2	10.6	
	54		-	10	392.0	-	5	19.6	12.1	
	55		-	10	378.0	-	5	18.9	11.7	
	56		-	10	374.0	-	5	18.7	11.5	
	57		-	10	370.0	-	8	29.6	18.2	
	58		-	10	353.0	-	26	91.8	56.6	
	59		-	10	338.0	-	311	1051.2	648.1	
	60		-	10	335.0	-	11	36.9	22.7	
	61		-	10	335.0	-	10	33.5	20.7	
	62		-	10	330.0	-	10	33.0	20.3	
	63		-	10	327.0	-	8	26.2	16.1	
	64		-	10	321.0	-	104	333.8	205.8	
	65		-	10	310.0	-	26	80.6	49.7	
	66		-	10	301.0	-	30	90.3	55.7	
	67		-	10	286.0	-	92	263.1	162.2	
	68		-	10	269.0	-	108	290.5	179.1	
	69		-	10	237.0	-	10	23.7	14.6	
	70		-	10	237.0	-	10	23.7	14.6	
	71		-	10	224.0	-	19	42.6	26.2	
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Nazwa elementu	nr pręta "r"	kształt pręta [cm]	średnica pręta [mm]	średnica pręta [mm]	długość pręta [cm]	Ilość "n _i " [szt.]		"n _i x l _i " [m]	Ciężar [kg]	Ciężar na element	
			B500SP	B500SP	l _i	na 1 el.	na Σ el.	L	wg n _i	S	
1	2	3	4	5	6	7	8	9	10	11	
Zbrojenie dolne płyty poz. +1	72		19	-	10	211.0	-	350	738.5	455.3	S= 524.0
	73		19	-	10	198.5	-	10	19.9	12.2	
	74		19	-	10	198.5	-	11	21.8	13.5	
	75		19	-	10	198.5	-	11	21.8	13.5	
	76		19	-	10	198.5	-	11	21.8	13.5	
	77		12	-	10	174.0	-	15	26.1	16.1	
Zbrojenie dolne płyty poz. +1,5	23		12	-	10	860.0	-	25	215.0	132.6	S= 252.2
	45		-	10	485.0	-	40	194.0	119.6		