

ZESTAWIENIE STALI ZBROJENIOWEJ

Sygnatura projektu: **COS GIŻYCKO**

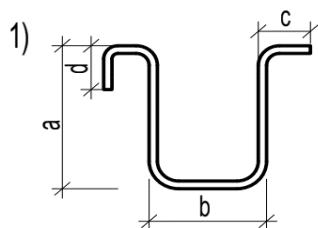
Tytuł rysunku: **Deskowanie i zbrojenie klatek schodowych**

Numer rysunku: **PW-K-4001**

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 $\varnothing > 20$


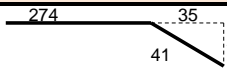
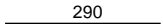
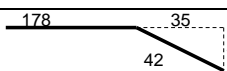
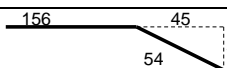
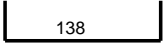
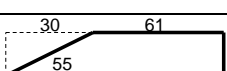
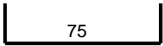
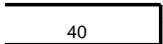
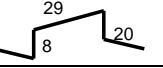
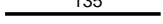
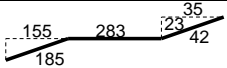
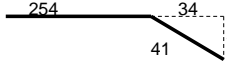
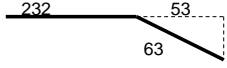

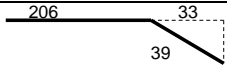
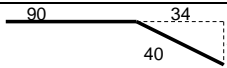
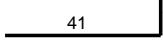
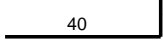
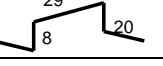

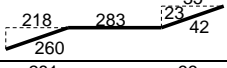
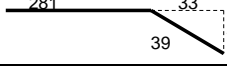
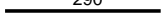




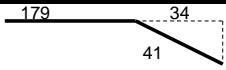
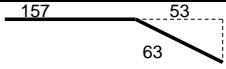
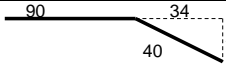
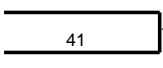
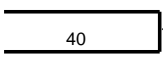
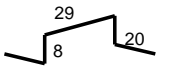
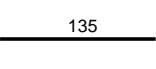
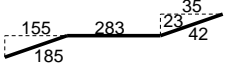
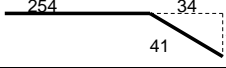
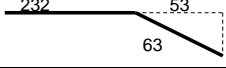
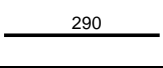
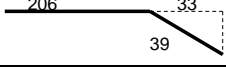
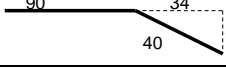
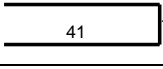
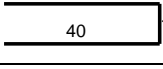
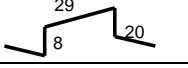
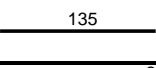
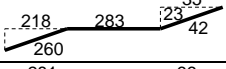
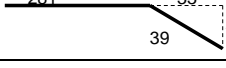
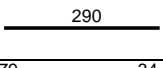
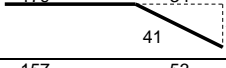
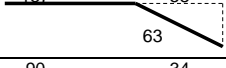
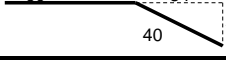
Minimalne średnice wewnętrzne zagięcia:
 dotyczy słupów - prętów głównych odginanych
 do płyty
 $R_g = 4 \times \varnothing$ dla $\varnothing < 20$
 $7 \times \varnothing$ dla $\varnothing > 20$


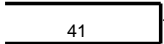
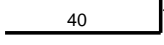
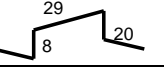
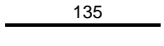
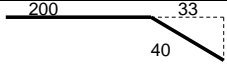
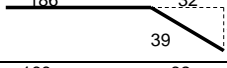
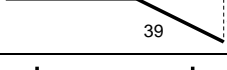
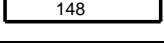
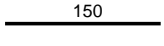
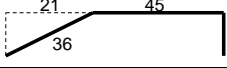
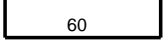
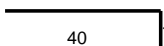
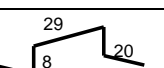
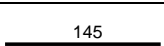
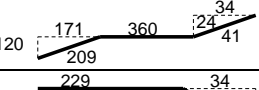
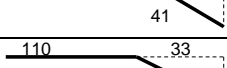
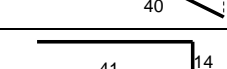
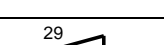
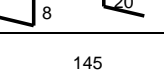

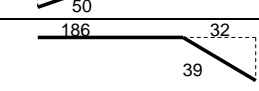
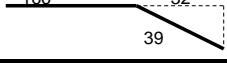





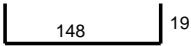
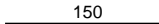
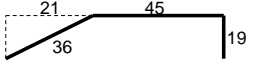
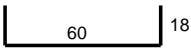
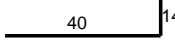
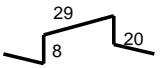
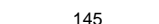
Minimalne średnice wewnętrzne zagięcia:
 $R_g = 4 \times \varnothing$ dla $\varnothing < 20$
 $7 \times \varnothing$ dla $\varnothing > 20$

STOSOWAĆ NORMOWE PROMIENIE GIĘCIA PRĘTÓW / USE NORMAL BENDING REBARS RADIUS

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Deskowanie i zbrojenie klatek schodowych										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:		PW-K-4001						
Nazwa elementu	nr pręta "i"	kształt pręta [cm]	średnica pręta [mm] B500SP	średnica pręta [mm] B500SP	długość pręta [cm] <i>l_i</i>	Ilość "n _i " [szt.] na 1 el. na Σ el.		"n _i x l _i " [m] <i>L</i>	Ciężar [kg] wg <i>n_i</i>	Ciężar na element <i>S</i>
1	2	3	4	5	6	7	8	9	10	11
Schody "Sch-1"	szt. 2		-	12	315.0	11	22	69.3	61.5	Σ = 414.5
	8		-	12	290.0	22	44	127.6	113.3	
	16		-	12	220.0	11	22	48.4	43.0	
	17		-	12	210.0	11	22	46.2	41.0	
	20		-	12	176.0	8	16	28.2	25.0	
	23		-	12	135.0	11	22	29.7	26.4	
	25		-	12	111.0	11	22	24.4	21.7	
	29		-	12	94.0	33	66	62.0	55.1	
	30		-	10	85.0	6	12	10.2	6.3	
	32		-	8	135.0	20	40	54.0	21.3	
Schody "Sch-2"	szt. 2		-	12	510.0	11	22	112.2	99.6	Σ = 584.6
	6		-	12	295.0	11	22	64.9	57.6	
	7		-	12	295.0	11	22	64.9	57.6	
	8		-	12	290.0	34	68	197.2	175.1	
	11		-	12	245.0	11	22	53.9	47.9	
	24		-	12	130.0	11	22	28.6	25.4	
	28		-	12	96.0	11	22	21.1	18.8	
	29		-	12	94.0	45	90	84.6	75.1	
	30		-	10	85.0	6	12	10.2	6.3	
	32		-	8	135.0	20	40	54.0	21.3	
Schody Sch-3	szt. 2		-	12	585.0	11	22	128.7	114.3	Σ = 300.3
	4		-	12	320.0	11	22	70.4	62.5	
	8		-	12	290.0	24	48	139.2	123.6	
PW-K-4001_SPEC										

<div>Sygnatura projektu</div> <div>COS GIŻYCKO</div>										
Tytuł rysunku: Deskowanie i zbrojenie klatek schodowych										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-4001				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		na 1 el.	na Σ el.			
1	2	3	4	5	6	7	8	9	10	11
szt. 2 Schody Sch-3	14		-	12	220.0	11	22	48.4	43.0	216.1 Σ=
	15		-	12	220.0	11	22	48.4	43.0	
	24		-	12	130.0	11	22	28.6	25.4	
	28		-	12	96.0	11	22	21.1	18.8	
	29		-	12	94.0	35	70	65.8	58.4	
	30		-	10	85.0	6	12	10.2	6.3	
	32		-	8	135.0	20	40	54.0	21.3	
szt. 5 Schody Sch-4	3		-	12	510.0	11	55	280.5	249.0	1461.6 Σ=
	6		-	12	295.0	11	55	162.3	144.0	
	7		-	12	295.0	11	55	162.3	144.0	
	8		-	12	290.0	34	170	493.0	437.7	
	11		-	12	245.0	11	55	134.8	119.6	
	24		-	12	130.0	11	55	71.5	63.5	
	28		-	12	96.0	11	55	52.8	46.9	
	29		-	12	94.0	45	225	211.5	187.8	
	30		-	10	85.0	6	30	25.5	15.7	
	32		-	8	135.0	20	100	135.0	53.3	
szt. 5 Schody Sch-5	2		-	12	585.0	11	55	321.8	285.7	1029.2 Σ=
	4		-	12	320.0	11	55	176.0	156.3	
	8		-	12	290.0	24	120	348.0	309.0	
	14		-	12	220.0	11	55	121.0	107.4	
	15		-	12	220.0	11	55	121.0	107.4	
	24		-	12	130.0	11	55	71.5	63.5	

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Tytuł rysunku: Deskowanie i zbrojenie klatek schodowych										
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Nazwa elementu	nr pręta "i"	kształt pręta [cm]	średnica pręta [mm] B500SP	średnica pręta [mm] B500SP	długość pręta [cm] l_i	Ilość "n _i " [szt.] na 1 el. na Σ el.		"n _i x l _i " [m] L	Ciężar [kg] wg n _i	Ciężar na element S
1	2	3	4	5	6	7	8	9	10	11
Schody Sch-5 szt. 5	28		-	12	96.0	11	55	52.8	46.9	Σ= 261.9
	29		-	12	94.0	35	175	164.5	146.0	
	30		-	10	85.0	6	30	25.5	15.7	
	32		-	8	135.0	20	100	135.0	53.3	
Schody Sch-6	12		-	12	240.0	-	11	26.4	23.4	Σ= 166.2
	13		-	12	225.0	-	11	24.8	22.0	
	18		-	12	205.0	-	11	22.6	20.0	
	19		-	12	186.0	-	6	11.2	9.9	
	21		-	12	150.0	-	24	36.0	32.0	
	26		-	12	100.0	-	11	11.0	9.8	
	27		-	12	96.0	-	11	10.6	9.4	
	29		-	12	94.0	-	35	32.9	29.2	
	30		-	10	85.0	-	6	5.1	3.1	
	31		-	8	145.0	-	13	18.9	7.4	
Schody Sch-7 szt. 3	1		-	12	610.0	11	33	201.3	178.7	Σ= 387.4
	10		-	12	270.0	11	33	89.1	79.1	
	22		-	12	150.0	11	33	49.5	43.9	
	28		-	12	96.0	11	33	31.7	28.1	
	30		-	10	85.0	6	18	15.3	9.4	
	31		-	8	145.0	28	84	121.8	48.1	
Schody Sch-8 szt. 2	9		-	12	271.0	11	22	59.6	52.9	Σ= 136.9
	13		-	12	225.0	11	22	49.5	43.9	
	18		-	12	205.0	11	22	45.1	40.0	
PW-K-4001_SPEC										
										

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Deskowanie i zbrojenie klatek schodowych										
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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
szt. 2 Schody Sch-8	19		-	12	186.0	6	12	22.3	19.8	Σ= 203.9
	21		-	12	150.0	24	48	72.0	63.9	
	26		-	12	100.0	11	22	22.0	19.5	
	27		-	12	96.0	11	22	21.1	18.8	
	29		-	12	94.0	35	70	65.8	58.4	
	30		-	10	85.0	6	12	10.2	6.3	
	31		-	8	145.0	15	30	43.5	17.2	