

## ZESTAWIENIE STALI ZBROJENIOWEJ

Sygnatura projektu: COS GIŻYCKO

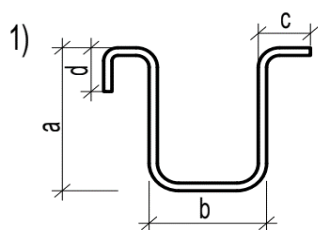
Tytuł rysunku: Zbrojenie dolne płyty stropodachu

Numer rysunku: PW-K-2015

Typ stali: B500SP

### ZASADY INTERPRETACJI DŁUGOŚCI POSZCZEGÓLNYCH SEGMENTÓW PRĘTÓW ZBROJENIOWYCH

#### RULES OF INTERPRETATION LENGTH OF REBAR BENDING DIMENSIONS



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


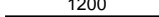
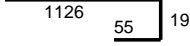
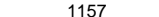
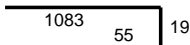
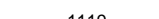
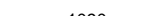
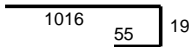
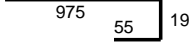
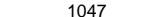

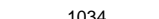
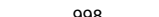
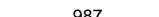
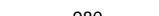
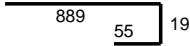
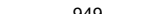
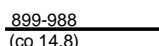
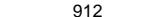

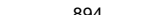
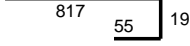

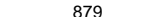




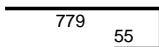
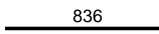
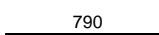

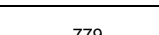
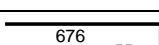
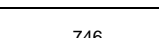
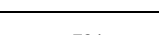
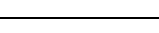
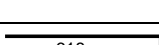
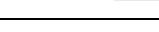
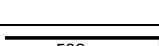
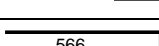
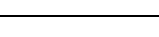
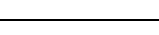
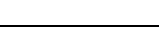

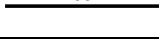

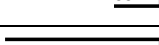
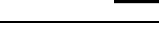
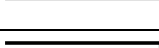
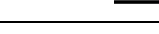

Minimalne średnice wewnętrzne zagięcia:  
 dotyczy słupów - prętów głównych odginanych  
 do płyty  
 $R_g = 4 \times \emptyset$  dla  $\emptyset < 20$   
 $7 \times \emptyset$  dla  $\emptyset > 20$


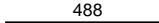

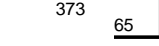
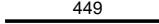
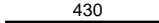
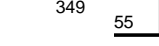
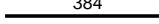
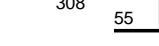


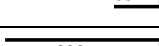
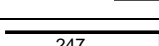
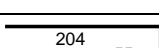
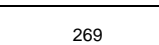
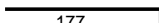
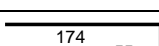
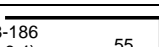
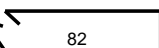
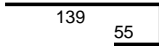
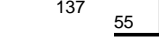
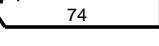





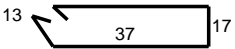
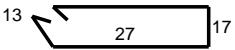
Minimalne średnice wewnętrzne zagięcia:  
 $R_g = 4 \times \emptyset$  dla  $\emptyset < 20$   
 $7 \times \emptyset$  dla  $\emptyset > 20$

STOSOWAĆ NORMOWE PROMIENIE GIĘCIA PRĘTÓW / USE NORMAL BENDING REBARS RADIUS


Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Zbrojenie dolne płyty stropodachu										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2015					
Nazwa elementu	nr pręta "i"	kształt pręta [cm]	średnica pręta [mm]	średnica pręta [mm]	długość pręta [cm]	Ilość "n <sub>i</sub> " [szt.]		"n <sub>i</sub> x l <sub>i</sub> " [m]	Ciężar [kg]	Ciężar na element
			B500SP	B500SP	l <sub>i</sub>	na 1 el.	na Σ el.	L	wg n <sub>i</sub>	S
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie dolne stropodachu	1		-	10	1200.0	-	110	1320.0	813.8	S= 2728.3
	2		-	10	1200.0	-	5	60.0	37.0	
	3		-	10	1157.0	-	14	162.0	99.9	
	4		-	10	1157.0	-	20	231.4	142.7	
	5		-	10	1119.0	-	78	872.8	538.1	
	6		-	10	1090.0	-	27	294.3	181.4	
	7		-	10	1090.0	-	5	54.5	33.6	
	8		-	10	1049.0	-	20	209.8	129.3	
	9		-	10	1047.0	-	14	146.6	90.4	
	10		-	10	1037.0	-	13	134.8	83.1	
	11		-	10	1034.0	-	12	124.1	76.5	
	12		-	10	998.0	-	13	129.7	80.0	
	13		-	10	987.0	-	6	59.2	36.5	
	14		-	10	980.0	-	5	49.0	30.2	
	15		-	10	963.0	-	5	48.2	29.7	
	16		-	10	949.0	-	12	113.9	70.2	
	17		-	10	943.5	-	7	66.0	40.7	
	18		-	10	912.0	-	5	45.6	28.1	
	19		-	10	900.0	-	12	108.0	66.6	
	20		-	10	894.0	-	5	44.7	27.6	
	21		-	10	891.0	-	3	26.7	16.5	
	22		-	10	889.0	-	8	71.1	43.8	
	23		-	10	879.0	-	6	52.7	32.5	
PW-K-2015_SPEC										

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Zbrojenie dolne płyty stropodachu										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2015				2 / 4	
Nazwa elementu	nr pręta "i"	kształt pręta [cm]	średnica pręta [mm]	średnica pręta [mm]	długość pręta [cm]	Ilość "n <sub>i</sub> " [szt.]		"n <sub>i</sub> x l <sub>i</sub> " [m]	Ciężar [kg]	Ciężar na element
			B500SP	B500SP	l <sub>i</sub>	na 1 el.	na Σ el.	L	wg n <sub>i</sub>	S
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie dolne stropodachu	24		-	10	853.0	-	5	42.7	26.3	Σ= 1141.1
	25		-	10	836.0	-	34	284.2	175.2	
	26		-	10	790.0	-	13	102.7	63.3	
	27		-	10	784.0	-	2	15.7	9.7	
	28		-	10	779.0	-	8	62.3	38.4	
	29		-	10	750.0	-	6	45.0	27.7	
	30		-	10	746.0	-	17	126.8	78.2	
	31		-	10	724.0	-	4	29.0	17.9	
	32		-	10	692.0	-	5	34.6	21.3	
	33		-	10	692.0	-	4	27.7	17.1	
	34		-	10	674.0	-	2	13.5	8.3	
	35		-	10	654.0	-	5	32.7	20.2	
	36		-	10	640.0	-	6	38.4	23.7	
	37		-	10	638.0	-	18	114.8	70.8	
	38		-	10	598.0	-	14	83.7	51.6	
	39		-	10	584.0	-	34	198.6	122.4	
	40		-	10	582.0	-	5	29.1	17.9	
	41		-	10	582.0	-	4	23.3	14.4	
	42		-	10	575.0	-	3	17.3	10.6	
	43		-	10	571.0	-	80	456.8	281.6	
	44		-	10	540.0	-	4	21.6	13.3	
	45		-	10	515.0	-	5	25.8	15.9	
	46		-	10	494.0	-	5	24.7	15.2	
PW-K-2015_SPEC										

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Zbrojenie dolne płyty stropodachu										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2015				3 / 4	
Nazwa elementu	nr pręta "I"	kształt pręta [cm]	średnica pręta [mm]	średnica pręta [mm]	długość pręta [cm]	Ilość "n <sub>i</sub> " [szt.]		"n <sub>i</sub> x l <sub>i</sub> " [m]	Ciężar [kg]	Ciężar na element
			B500SP	B500SP	l <sub>i</sub>	na 1 el.	na Σ el.	L	wg n <sub>i</sub>	S
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie dolne stropodachu	47		-	10	488.0	-	14	68.3	42.1	Σ=1498.8
	48		-	10	475.0	-	9	42.8	26.4	
	49		-	10	455.0	-	2	9.1	5.6	
	50		-	10	449.0	-	4	18.0	11.1	
	51		-	10	430.0	-	4	17.2	10.6	
	52		-	10	423.0	-	16	67.7	41.7	
	53		-	10	384.0	-	8	30.7	18.9	
	54		-	10	380.0	-	5	19.0	11.7	
	55		-	10	362.0	-	5	18.1	11.2	
	56		-	10	351.0	-	10	35.1	21.6	
	57		-	10	341.0	-	200	682.0	420.5	
	58		-	10	320.0	-	4	12.8	7.9	
	59		-	10	319.0	-	60	191.4	118.0	
	60		-	10	278.0	-	7	19.5	12.0	
	61		-	10	269.0	-	81	217.9	134.3	
	62		-	10	251.0	-	5	12.6	7.7	
	63		-	10	248.0	-	17	42.2	26.0	
	64		-	10	229.0	-	10	22.9	14.1	
	65		-	10	228.0	-	6	13.7	8.4	
	66		-	10	213.0	-	6	12.8	7.9	
	67		-	10	209.0	-	407	850.6	524.4	
	68		-	10	212.0	-	5	10.6	6.5	
	69		-	10	181.0	-	9	16.3	10.0	
PW-K-2015_SPEC										

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Zbrojenie dolne płyty stropodachu										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2015				4 / 4	
Nazwa elementu	nr pręta "i"	kształt pręta [cm]	średnica pręta [mm]	średnica pręta [mm]	długość pręta [cm]	Ilość "n <sub>i</sub> " [szt.]		"n <sub>i</sub> x l <sub>i</sub> " [m]	Ciężar [kg]	Ciężar na element
			B500SP	B500SP	l <sub>i</sub>	na 1 el.	na Σ el.	L	wg n <sub>i</sub>	S
1	2	3	4	5	6	7	8	9	10	11
Zbrojenie dolne stropodachu	70		-	10	138.0	-	9	12.4	7.7	Σ = 10.6
	71		-	10	118.0	-	4	4.7	2.9	

PW-K-2015\_SPEC

SYNERGIA  
KONSTRUKCJE BUDOWLANE