

ZESTAWIENIE STALI ZBROJENIOWEJ

Sygnatura projektu: **COS GIŻYCKO**

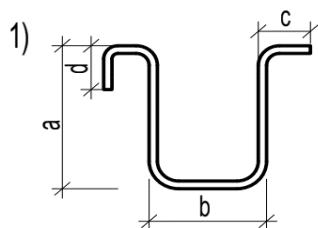
Tytuł rysunku: **Zbrojenie szczegółów płyty fundamentowej**

Numer rysunku: **PW-K-2005**

Typ stali: **B500SP**

ZASADY INTERPRETACJI DŁUGOŚCI POSZCZEGÓLNYCH SEGMENTÓW PRĘTÓW ZBROJENIOWYCH

RULES OF INTERPRETATION LENGTH OF REBAR BENDING DIMENSIONS




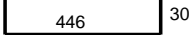
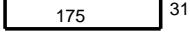
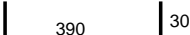


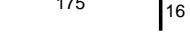
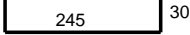
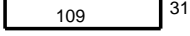
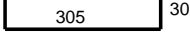
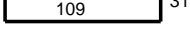
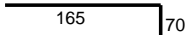
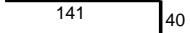
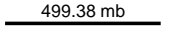
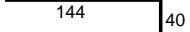
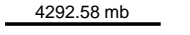

Minimalne średnice wewnętrzne zagięcia:
 $R_g = 4 \times \varnothing$ dla $\varnothing < 20$
 $7 \times \varnothing$ dla $\varnothing > 20$


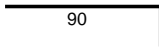
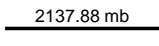
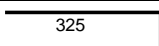
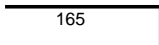
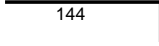
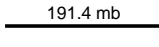
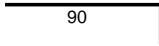
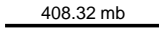
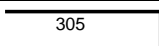
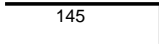

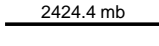
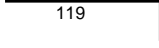
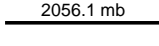
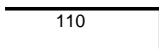
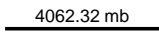
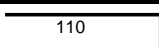
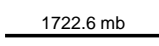




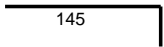
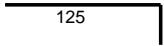
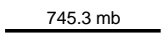
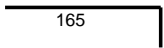
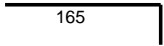
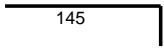
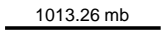
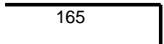
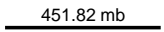
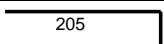
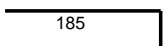
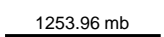
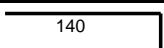
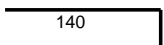
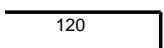
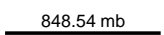
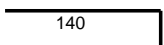
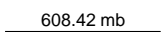
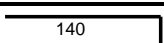
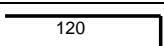
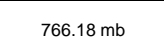

Minimalne średnice wewnętrzne zagięcia:
 dotyczy słupów - prętów głównych odginanych
 do płyty
 $R_g = 4 \times \varnothing$ dla $\varnothing < 20$
 $7 \times \varnothing$ dla $\varnothing > 20$


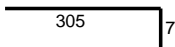
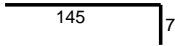
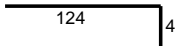
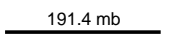
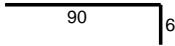
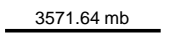
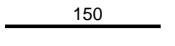
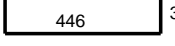
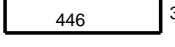
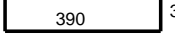
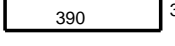
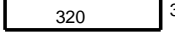
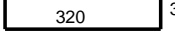
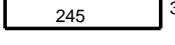
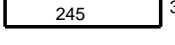
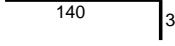
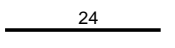




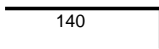
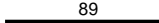
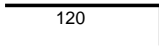
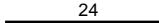
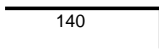
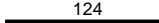
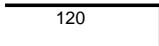
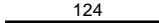
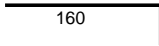
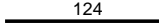
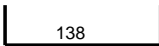
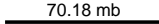
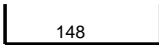
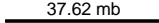
STOSOWAĆ NORMOWE PROMIENIE GIĘCIA PRĘTÓW / USE NORMAL BENDING REBARS RADIUS

Sygnatura projektu COS GIŻYCKO										
Tytuł rysunku: Zbrojenie szczegółów płyty fundamentowej										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2005				1 / 5	
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
Szczegół "a1"	22		-	12	507.0	10	20	101.4	90.0	359.4 S=
	31		-	12	237.0	64	128	303.4	269.3	
Szczegół "a2"	24		-	12	451.0	-	10	45.1	40.0	132.6 S=
	31		-	12	237.0	-	44	104.3	92.6	
Szczegół "a3"	22		-	12	507.0	-	10	50.7	45.0	140.0 S=
	32		-	12	191.0	-	56	107.0	95.0	
Szczegół "a4"	29		-	12	306.0	6	12	36.7	32.6	148.0 S=
	35		-	12	171.0	38	76	130.0	115.4	
Szczegół "a6"	28		-	12	366.0	6	12	43.9	39.0	142.2 S=
	35		-	12	171.0	34	68	116.3	103.2	
Łącznik "L1.1"	5		-	20	235.0	-	53	124.6	307.2	901.9 S=
	17		-	16	181.0	-	53	95.9	151.4	
	41		-	12	499.4 mb	-	-	499.4	443.4	
Łącznik "L1.2"	16		-	16	184.0	-	902	1659.7	2619.5	6430.5 S=
	41		-	12	4292.6 mb	-	-	4292.6	3811.0	
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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
Łącznik "L10"	40		-	12	130.0	-	232	301.6	267.8	S= 2165.8
	41		-	12	2137.9 mb	-	-	2137.9	1898.0	
Łącznik "L11"	1		-	25	395.0	-	42	165.9	639.3	S= 1087.0
	11		-	16	235.0	-	42	98.7	155.8	
	16		-	16	184.0	-	42	77.3	122.0	
	41		-	12	191.4 mb	-	-	191.4	169.9	
Łącznik "L12"	39		-	12	135.0	-	44	59.4	52.7	S= 415.2
	41		-	12	408.3 mb	-	-	408.3	362.5	
Łącznik "L13"	2		-	25	375.0	-	508	1905.0	7340.6	S= 12531.9
	13		-	16	215.0	-	508	1092.2	1723.9	
	19		-	16	164.0	-	508	833.1	1314.9	
	41		-	12	2424.4 mb	-	-	2424.4	2152.4	
Łącznik "L2"	21		-	16	159.0	-	436	693.2	1094.2	S= 2919.6
	41		-	12	2056.1 mb	-	-	2056.1	1825.4	
Łącznik "L3"	36		-	12	155.0	-	860	1333.0	1183.5	S= 4790.0
	41		-	12	4062.3 mb	-	-	4062.3	3606.6	
Łącznik "L4"	36		-	12	155.0	-	364	564.2	500.9	S= 2030.3
	41		-	12	1722.6 mb	-	-	1722.6	1529.3	
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Tytuł rysunku: Zbrojenie szczegółów płyty fundamentowej										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2005				3 / 5	
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
Łącznik "Ł.5.1"	6		-	20	215.0	-	79	169.9	418.9	1286.3 Σ=
	18		-	16	165.0	-	79	130.4	205.7	
	41		-	12	745.3 mb	-	-	745.3	661.7	
Łącznik "Ł.5.2"	4		-	25	235.0	-	107	251.5	968.9	2801.1 Σ=
	5		-	20	235.0	-	107	251.5	620.1	
	15		-	16	185.0	-	107	198.0	312.4	
	41		-	12	1013.3 mb	-	-	1013.3	899.6	
Łącznik "Ł.6.1"	11		-	16	235.0	-	98	230.3	363.5	764.6 Σ=
	41		-	12	451.8 mb	-	-	451.8	401.1	
Łącznik "Ł.6.2"	3		-	25	275.0	-	132	363.0	1398.8	2980.8 Σ=
	12		-	16	225.0	-	132	297.0	468.8	
	41		-	12	1254.0 mb	-	-	1254.0	1113.3	
Łącznik "Ł.7.1"	7		-	20	205.0	-	45	92.3	227.5	1353.7 Σ=
	14		-	16	205.0	-	45	92.3	145.6	
	20		-	16	160.0	-	90	144.0	227.3	
	41		-	12	848.5 mb	-	-	848.5	753.3	
Łącznik "Ł.7.2"	14		-	16	205.0	-	130	266.5	420.6	960.8 Σ=
	41		-	12	608.4 mb	-	-	608.4	540.2	
Łącznik "Ł.7.3"	7		-	20	205.0	-	161	330.1	814.0	1698.7 Σ=
	20		-	16	160.0	-	81	129.6	204.6	
	41		-	12	766.2 mb	-	-	766.2	680.2	
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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
Łącznik "Ł8"	2		-	25	375.0	-	42	157.5	606.9	1028.1 Σ=
	13		-	16	215.0	-	42	90.3	142.5	
	19		-	16	164.0	-	42	68.9	108.7	
	41		-	12	191.4 mb	-	-	191.4	169.9	
Łącznik "Ł9"	37		-	12	150.0	-	394	591.0	524.7	3695.7 Σ=
	41		-	12	3571.6 mb	-	-	3571.6	3171.0	
Dobrojenie "N1" szt. 13	38		-	12	150.0	12	156	234.0	207.7	207.7 Σ=
Szczegół "P1"	22		-	12	507.0	-	27	136.9	121.5	482.8 Σ=
	23		-	12	506.0	-	27	136.6	121.3	
	24		-	12	451.0	-	30	135.3	120.1	
	25		-	12	450.0	-	30	135.0	119.9	
Szczegół "P2"	26		-	12	381.0	-	17	64.8	57.5	234.2 Σ=
	27		-	12	380.0	-	17	64.6	57.4	
	29		-	12	306.0	-	22	67.3	59.8	
	30		-	12	305.0	-	22	67.1	59.6	
Starter "S1" szt. 2	9		-	20	175.0	8	16	28.0	69.1	69.8 Σ=
	44		-	8	24.0	4	8	1.9	0.8	
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Tytuł rysunku: Zbrojenie szczegółów płyty fundamentowej										
1.11.2024		SPECYFIKACJA DO RYSUNKU NR:			PW-K-2005				5 / 5	
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
Start "S2" szt. 5	9		-	20	175.0	20	100	175.0	431.6	S= 438.6
	43		-	8	89.0	4	20	17.8	7.0	
Start "S3" szt. 2	10		-	20	155.0	8	16	24.8	61.2	S= 61.7
	44		-	8	24.0	3	6	1.4	0.6	
Start "S4" szt. 5	9		-	20	175.0	27	135	236.3	582.6	S= 592.4
	42		-	8	124.0	4	20	24.8	9.8	
Start "S5" szt. 3	10		-	20	155.0	27	81	125.6	309.6	S= 314.0
	42		-	8	124.0	3	9	11.2	4.4	
Start "S6" szt. 2	8		-	20	195.0	24	48	93.6	230.8	S= 235.7
	42		-	8	124.0	5	10	12.4	4.9	
Szczegół "sch1"	34		-	12	176.0	-	2	3.5	3.1	S= 65.4
	41		-	12	70.2 mb	-	-	70.2	62.3	
Szczegół "sch2"	33		-	12	186.0	-	2	3.7	3.3	S= 36.7
	41		-	12	37.6 mb	-	-	37.6	33.4	
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