
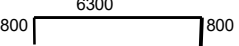

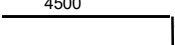
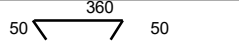
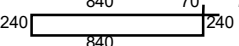
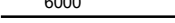

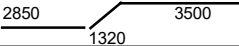
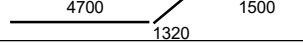
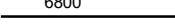
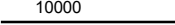
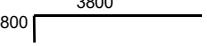
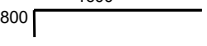
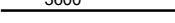
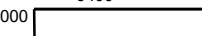
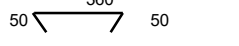
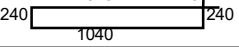
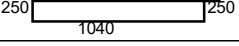



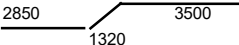
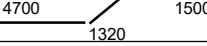
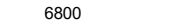
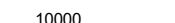
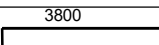

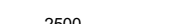
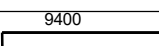
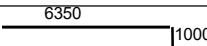
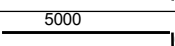
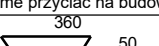
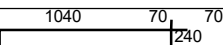
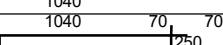
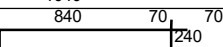
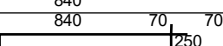


OBIEKT :			Budynek mieszkalny nr 2 w Czeladzi		WYKAZ STALI 15								
ELEMENT :			B1- bud.2 belki poprzeczne stropu nad garażem		NR RYSUNKU : K15 STRONA								
WYKONAŁ:			DATA:		8 kwietnia 2024								
Nr	Stal	φ	KSZTAŁT [mm]	DŁUG. PRĘTA [m]	ILOSC [szt]	DŁUGOSC OGOLNA [m]							
						A-0		A-IIIIN RB500W					
						6	8	8	10	25	12	20	16
			BELKA B10										
8	A-IIIIN	25		6,25	4					25,0			
9	A-IIIIN	25		7,9	2					15,8			
20	A-IIIIN	25		3,6	4					14,4			
10	A-IIIIN	16		5,3	2								10,6
			pręty poziome przyciąć na budowie										
49	A-0	6		0,46	22	10,1							
52	A-IIIIN	8		2,3	66			151,8					
			BELKA B11										
10	A-IIIIN	25		6	5					30,0			
13	A-IIIIN	25		5,9	8					47,2			
14	A-IIIIN	25 ką 45		7,67	4					30,7			
15	A-IIIIN	25 ką 45		7,52	4					30,1			
16	A-IIIIN	20		6,8	4							27,2	
17	A-IIIIN	25		10	2					20,0			
18	A-IIIIN	16		4,6	2								9,2
19	A-IIIIN	16		2,4	2								4,8
20	A-IIIIN	25		3,6	24					86,4			
22	A-IIIIN	25		10,4	4					41,6			
			pręty poziome przyciąć na budowie										
49	A-0	6		0,46	60	27,6							
50	A-IIIIN	8		2,7	98			264,6					
51	A-IIIIN	10		2,72	186				505,9				

OBIEKT : Budynek mieszkalny nr 2 w Czeladzi				WYKAZ STALI 15									
ELEMENT : B1- bud.2 belki poprzeczne stropu nad garażem				NR RYSUNKU : K15STRONA									
WYKONAŁ:				DATA: 8 kwietnia 2024									
Nr	Stal	φ	KSZTAŁT [mm]	DŁUG. PRĘTA [m]	ILOSC [szt]	DŁUGOSC OGOLNA [m]							
						A-0		A-IIIIN RB500W					
						6	8	8	10	25	12	20	16
			BELKA B12, B13										
8	A-IIIIN	25		6,25	16					100,0			
12	A-IIIIN	25 r=75mm		6,08	10					60,8			
13	A-IIIIN	25		5,9	12					70,8			
14	A-IIIIN	25 kął 45		7,67	4					30,7			
15	A-IIIIN	25 kął 45		7,52	4					30,1			
16	A-IIIIN	20		6,8	8							54,4	
17	A-IIIIN	25		10	4					40,0			
18	A-IIIIN	16		4,6	16								73,6
20	A-IIIIN	25		3,6	44					158,4			
21	A-IIIIN	25		2,5	8					20,0			
22	A-IIIIN	25		10,4	4					41,6			
23	A-IIIIN	25		7,35	4					29,4			
24	A-IIIIN	16		5,6	8								44,8
			pręty poziome przycięć na budowie										
49	A-0	6		0,46	180	82,8							
50	A-IIIIN	8		2,7	108			291,6					
51	A-IIIIN	10		2,72	208				565,7				
52	A-IIIIN	8		2,3	64			147,2					
53	A-IIIIN	10		2,32	160				371,2				

OBIEKT :

Budynek mieszkalny nr 2
w Czeladzi

ELEMENT :

B1- bud.2 belki poprzeczne stropu nad
garażem

WYKONAŁ:

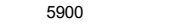
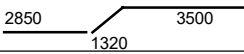
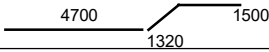
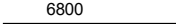
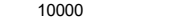
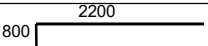
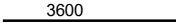
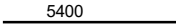

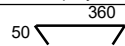
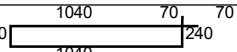
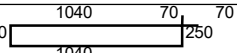
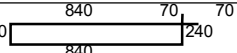

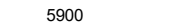
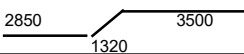
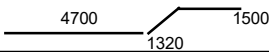
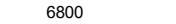

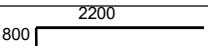

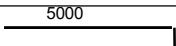
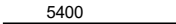
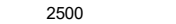
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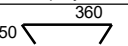
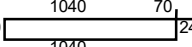
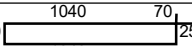
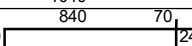
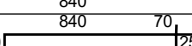

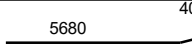

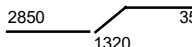
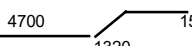


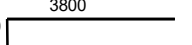
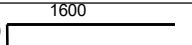

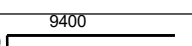
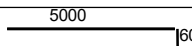
8 kwietnia 2024

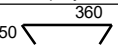
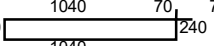
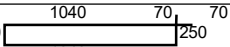
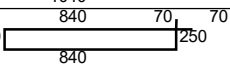
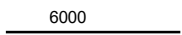
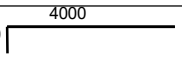
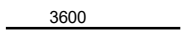
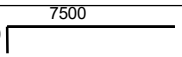
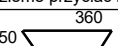
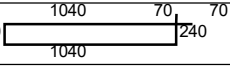
NR RYSUNKU :

K15

STRONA

Nr	Stal	φ	KSZTAŁT [mm]	DŁUG. PRĘTA [m]	ILOSC [szt]	DŁUGOSC OGOLNA [m]								
						A-0		A-IIIIN RB500W						
						6	8	8	10	25	12	20	16	
			BELKA B14											
13	A-IIIIN	25		5,9	6					35,4				
14	A-IIIIN	25 ką 45		7,67	2					15,3				
15	A-IIIIN	25 ką 45		7,52	2					15,0				
16	A-IIIIN	20		6,8	4							27,2		
17	A-IIIIN	25		10	2					20,0				
18	A-IIIIN	16		3	6								18,0	
20	A-IIIIN	25		3,6	10					36,0				
25	A-IIIIN	25		5,4	2					10,8				
26	A-IIIIN	20		2,5	4							10,0		
			pręty poziome przycięć na budowie											
49	A-0	6		0,46	50	23,0								
50	A-IIIIN	8		2,7	56			151,2						
51	A-IIIIN	10		2,72	98				266,6					
52	A-IIIIN	8		2,3	34			78,2						
			BELKA B15											
8	A-IIIIN	25		6,25	8					50,0				
13	A-IIIIN	25		5,9	6					35,4				
14	A-IIIIN	25 ką 45		7,67	2					15,3				
15	A-IIIIN	25 ką 45		7,52	2					15,0				
16	A-IIIIN	20		6,8	4							27,2		
17	A-IIIIN	25		10	2					20,0				
18	A-IIIIN	16		3	6								18,0	
20	A-IIIIN	25		3,6	20					72,0				
24	A-IIIIN	16		5,6	4								22,4	
25	A-IIIIN	25		5,4	2					10,8				
26	A-IIIIN	20		2,5	4							10,0		

OBIEKT : Budynek mieszkalny nr 2 w Czeladzi			WYKAZ STALI 15										
ELEMENT : B1- bud.2 belki poprzeczne stropu nad garażem			NR RYSUNKU : K15 STRONA										
WYKONAŁ:			DATA: 8 kwietnia 2024										
Nr	Stal	φ	KSZTAŁT [mm]	DŁUG. PRĘTA [m]	ILOSC [szt]	DŁUGOSC OGOLNA [m]							
						A-0		A-IIIIN RB500W					
						6	8	8	10	25	12	20	16
			pręty poziome przyciąć na budowie										
49	A-0	6		0,46	50	23,0							
50	A-IIIIN	8		2,7	56			151,2					
51	A-IIIIN	10		2,72	98				266,6				
52	A-IIIIN	8		2,3	80			184,0					
53	A-IIIIN	10		2,32	30				69,6				
			BELKA B16										
8	A-IIIIN	25		6,25	8					50,0			
12	A-IIIIN	25 r=75mm		6,08	6					36,5			
13	A-IIIIN	25		5,9	6					35,4			
14	A-IIIIN	25 kąt 45		7,67	4					30,7			
15	A-IIIIN	25 kąt 45		7,52	4					30,1			
27	A-IIIIN	25		6,8	4					27,2			
17	A-IIIIN	25		10	2					20,0			
18	A-IIIIN	16		4,6	2								9,2
19	A-IIIIN	16		2,4	2								4,8
20	A-IIIIN	25		3,6	24					86,4			
22	A-IIIIN	25		10,4	4					41,6			
24	A-IIIIN	16		5,6	4								22,4

OBIEKT : Budynek mieszkalny nr 2 w Czeladzi				WYKAZ STALI 15									
ELEMENT : B1- bud.2 belki poprzeczne stropu nad gara zem				NR RYSUNKU : K15 STRONA									
WYKONAŁ:				DATA: 8 kwietnia 2024									
Nr	Stal	φ	KSZTAŁT [mm]	DŁUG. PRĘTA [m]	ILOSC [szt]	DŁUGOSC OGOLNA [m]							
						A-0		A-IIIIN RB500W					
						6	8	8	10	25	12	20	16
			pręty poziome przyciąć na budowie										
49	A-0	6		0,46	90	41,4							
50	A-IIIIN	8		2,7	94			253,8					
51	A-IIIIN	10		2,72	208				565,7				
53	A-IIIIN	10		2,32	80				371,2				
			BELKA B17										
10	A-IIIIN	25		6	6					36,0			
18a	A-IIIIN	16		4,8	2								9,6
20	A-IIIIN	25		3,6	6					21,6			
28	A-IIIIN	25		8,5	2					17,0			
			pręty poziome przyciąć na budowie										
49	A-0	6		0,46	22	10,1							
50	A-IIIIN	8		2,7	80			216,0					

mb	218	0	1890	2983	1707	0	156	247
kg	0,222	0,394	0,394	0,616	3,851	0,887	2,465	1,578
kg	48	0	745	1838	6573	0	385	390
kg	48		9931					
kg	9979							

UWAGA

WYMIAROWANIE ZBROJENIA na PODSTAWIE WYMIARÓW ZEWNĘTRZNYCH (metoda A wg PN-EN ISO 3766:2005)

ŚRDNICE GIĘCIA wg EUROKOD 2. PROJEKTOWANIE KONSTR. Z BETONU. CZĘŚĆ 1-1: REGUŁY OGÓLNE I REGUŁY DLA BUDYNKÓW