
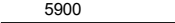
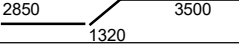
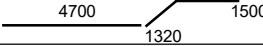

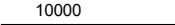
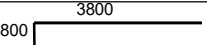
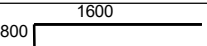
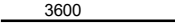
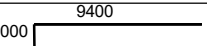
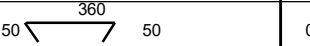
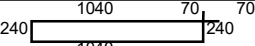
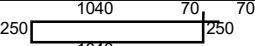



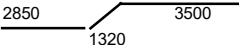
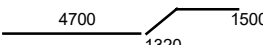
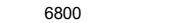
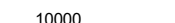
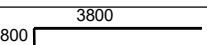


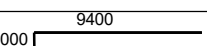
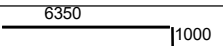
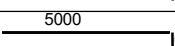
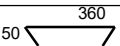
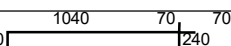
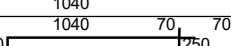
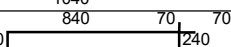
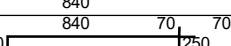
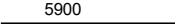
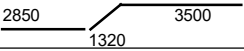
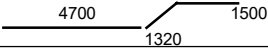
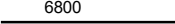

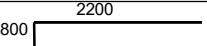
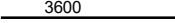
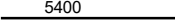
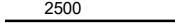
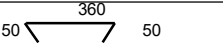
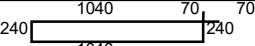
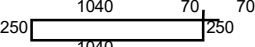
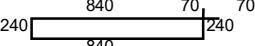
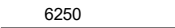
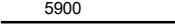
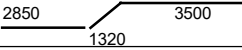
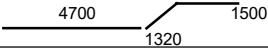
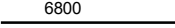
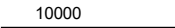
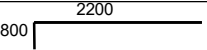
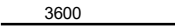
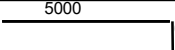
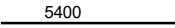
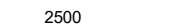
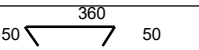
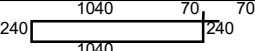
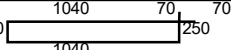
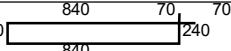
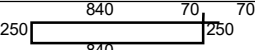

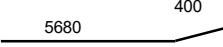

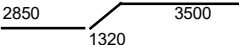
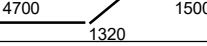
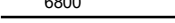

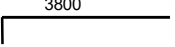
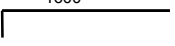

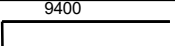
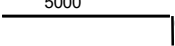

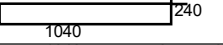
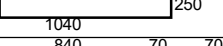
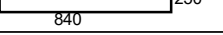


OBIEKT : Budynek mieszkalny nr 1 w Czeladzi				WYKAZ STALI 11									
ELEMENT : B1- bud.1 belki poprzeczne stropu nad garażem				NR RYSUNKU : K11, 12									
WYKONAŁ:				DATA: 18 grudnia 2023									
Nr	Stal	φ	KSZTAŁT [mm]	DŁUG. PRĘTA [m]	ILOSC [szt]	DŁUGOSC OGOLNA [m]							
						A-0		A-IIIIN RB500W					
						6	8	8	10	25	12	20	16
			BELKA B2										
10	A-IIIIN	25		6	5					30,0			
13	A-IIIIN	25		5,9	8					47,2			
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	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			
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 1 w Czeladzi				WYKAZ STALI 11									
ELEMENT : B1- bud.1 belki poprzeczne stropu nad garażem				NR RYSUNKU : K11, 12									
WYKONAŁ:				DATA: 18 grudnia 2023									
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 B3										
8	A-IIIIN	25		6,25	8					50,0			
12	A-IIIIN	25 r=75mm		6,08	5					30,4			
13	A-IIIIN	25		5,9	6					35,4			
14	A-IIIIN	25 kął 45		7,67	2					15,3			
15	A-IIIIN	25 kął 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		4,6	8								36,8
20	A-IIIIN	25		3,6	22					79,2			
21	A-IIIIN	25		2,5	4					10,0			
22	A-IIIIN	25		10,4	2					20,8			
23	A-IIIIN	25		7,35	2					14,7			
24	A-IIIIN	16		5,6	4								22,4
49	A-0	6		0,46	80	36,8							
50	A-IIIIN	8		2,7	54			145,8					
51	A-IIIIN	10		2,72	104				565,7				
52	A-IIIIN	8		2,3	32			73,6					
53	A-IIIIN	10		2,32	80				371,2				

OBIEKT : Budynek mieszkalny nr 1 w Czeladzi				WYKAZ STALI 11									
ELEMENT : B1- bud.1 belki poprzeczne stropu nad garażem				NR RYSUNKU : K11, 12									
WYKONAŁ:				DATA: 18 grudnia 2023									
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 B4										
13	A-IIIIN	25		5,9	6					35,4			
14	A-IIIIN	25 kął 45		7,67	2					15,3			
15	A-IIIIN	25 kął 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	
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					

OBIEKT : Budynek mieszkalny nr 1 w Czeladzi				WYKAZ STALI 11									
ELEMENT : B1- bud.1 belki poprzeczne stropu nad garażem				NR RYSUNKU : K11, 12									
WYKONAŁ:				DATA: 18 grudnia 2023									
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 B5										
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	
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				

OBIEKT : Budynek mieszkalny nr 1 w Czeladzi				WYKAZ STALI 11									
ELEMENT : B1- bud.1 belki poprzeczne stropu nad garażem				NR RYSUNKU : K11, 12									
WYKONAŁ:				DATA: 18 grudnia 2023									
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 B6										
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 kął 45		7,67	4					30,7			
15	A-IIIIN	25 kął 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
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				

OBIEKT : Budynek mieszkalny nr 1 w Czeladzi				WYKAZ STALI 11									
ELEMENT : B1- bud.1 belki poprzeczne stropu nad garażem				NR RYSUNKU : K11, 12									
WYKONAŁ:				DATA: 18 grudnia 2023									
Nr	Stal	φ	KSZTAŁT [mm]	DŁUG. PRĘTA [m]	ILOŚĆ [szt]	DŁUGOŚĆ OGÓLNA [m]							
						A-0		A-IIIIN RB500W					
						6	8	8	10	25	12	20	16
			BELKA B7										
10	A-IIIIN	25		6	6					36,0			
18a	A-IIIIN	16		4,8	2								9,6
20	A-IIIIN	25		3,6	4					14,4			
28	A-IIIIN	25		8,5	2					17,0			
49	A-0	6		0,46	22	10,1							
50	A-IIIIN	8		2,7	80			216,0					
			BELKA B8										
13	A-IIIIN	25		5,9	4					23,6			
12a	A-IIIIN	25 r=75mm		6,9	4					27,6			
17	A-IIIIN	25		10	4					40,0			
17a	A-IIIIN	16		4	2								8,0
18	A-IIIIN	16		4,6	2								9,2
19	A-IIIIN	16		2,4	4								9,6
22	A-IIIIN	25		10,4	2					20,8			
20	A-IIIIN	25		3,6	8					28,8			
47	A-IIIIN	16		3,6	2								
47a	A-IIIIN	16		6	2						12,0		
49	A-0	6		0,46	22	10,1							
51	A-IIIIN	10		2,72	136				266,6				
52	A-IIIIN	8		2,3	134			308,2					

mb	172	0	1827	3249	1494	12	129	204
kg	0,222	0,394	0,394	0,616	3,851	0,887	2,465	1,578
kg	38	0	720	2002	5754	11	317	323
kg	38		9127					
kg	9166							

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