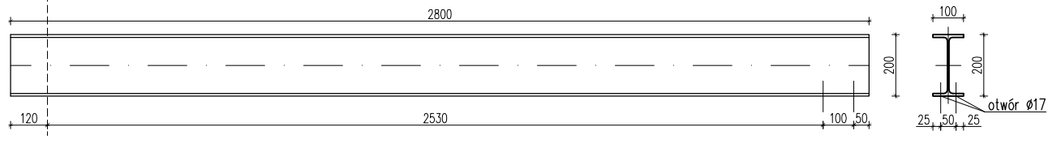
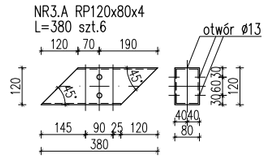
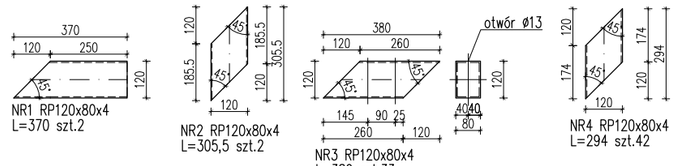
KONSTRUKCJA STALOWA SCHODOWEJ ZEWNĘTRZNEJ – WYKAZ ELEMENTÓW

DWUTEOWNIK IPE200
L=2800 szt.4

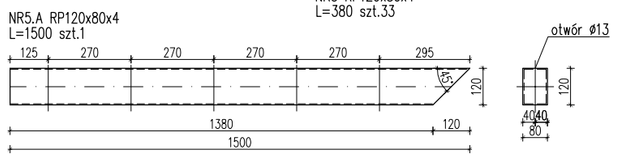


NR3.A RP120x80x4
L=380 szt.6

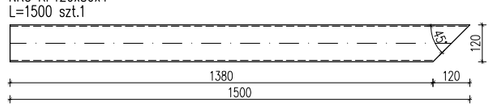




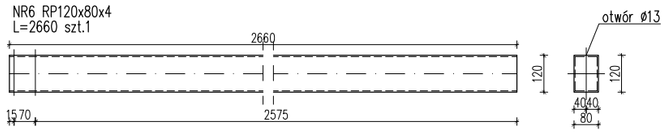
NR5.A RP120x80x4
L=1500 szt.1



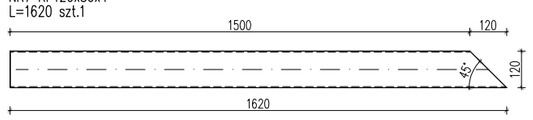
NR5 RP120x80x4
L=1500 szt.1



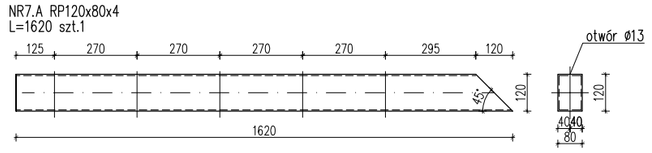
NR6 RP120x80x4
L=2660 szt.1



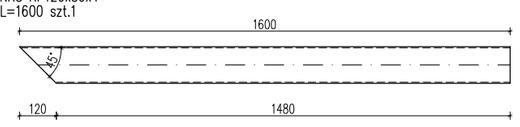
NR7 RP120x80x4
L=1620 szt.1



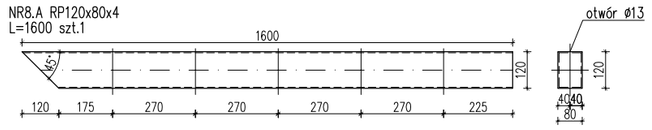
NR7.A RP120x80x4
L=1620 szt.1



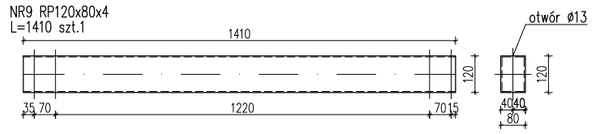
NR8 RP120x80x4
L=1600 szt.1



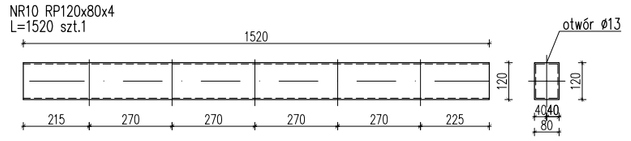
NR8.A RP120x80x4
L=1600 szt.1



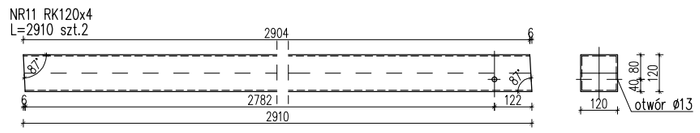
NR9 RP120x80x4
L=1410 szt.1



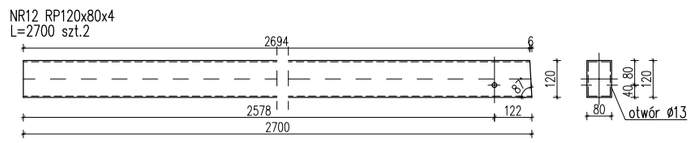
NR10 RP120x80x4
L=1520 szt.1



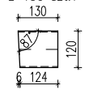
NR11 RK120x4
L=2910 szt.2



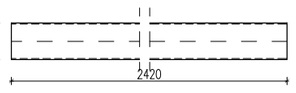
NR12 RP120x80x4
L=2700 szt.2



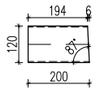
NR13 RP120x80x4
L=130 szt.1



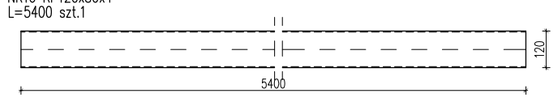
NR14 RP120x80x4
L=2420 szt.1



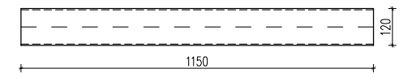
NR15 RP120x80x4
L=200 szt.1



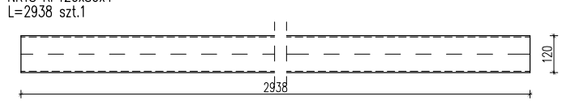
NR16 RP120x80x4
L=5400 szt.1



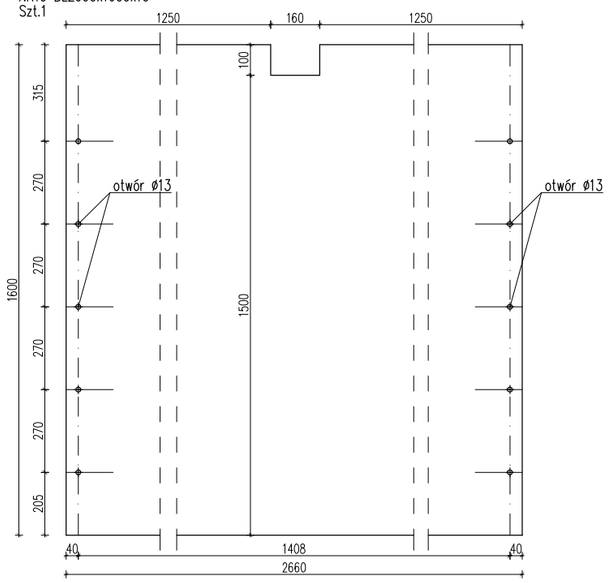
NR17 RP120x80x4
L=1150 szt.2



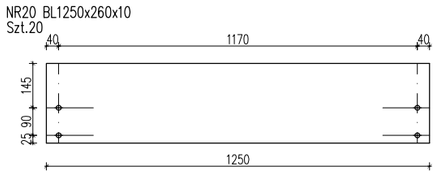
NR18 RP120x80x4
L=2938 szt.1



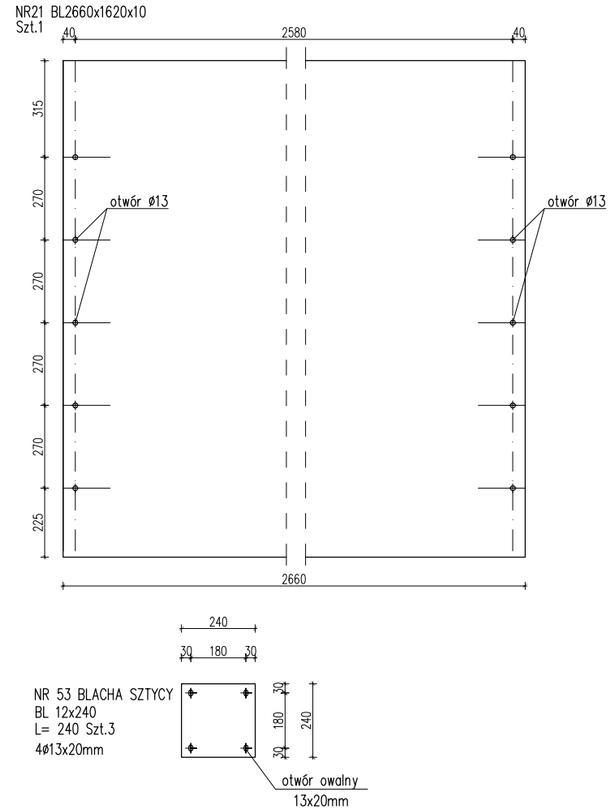
NR19 BL2660x1600x10
Szt.1



NR20 BL1250x260x10
Szt.20

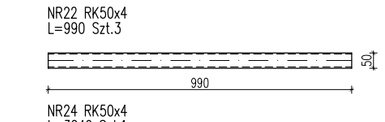


NR21 BL2660x1620x10
Szt.1



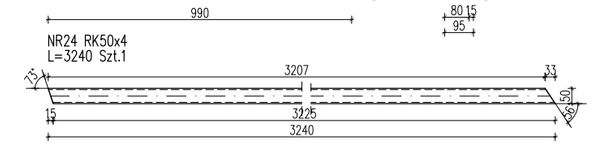
NR 53 BLACHA SZTYCY
BL 12x240
L= 240 Szt.3
4ø13x20mm

NR22 RK50x4
L=990 Szt.3

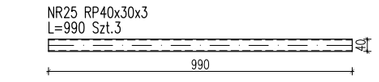


NR23 RK50x4
L=95 Szt.1

NR24 RK50x4
L=3240 Szt.1

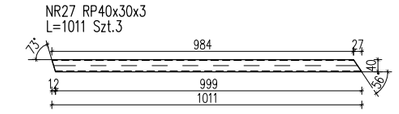


NR25 RP40x30x3
L=990 Szt.3

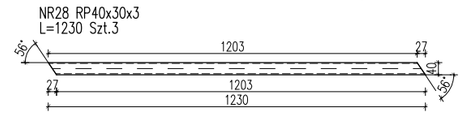


NR26 RP40x30x3
L=92 Szt.1

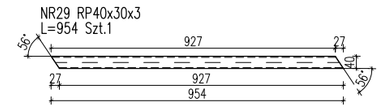
NR27 RP40x30x3
L=1011 Szt.3



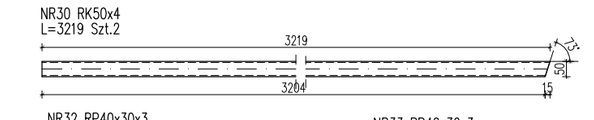
NR28 RP40x30x3
L=1230 Szt.3



NR29 RP40x30x3
L=954 Szt.1

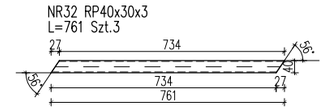


NR30 RK50x4
L=3219 Szt.2

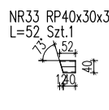


NR31 RK50x4
L=95 Szt.1

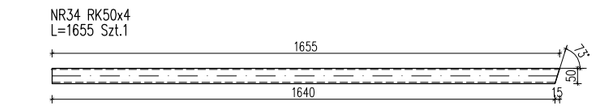
NR32 RP40x30x3
L=761 Szt.3



NR33 RP40x30x3
L=52 Szt.1

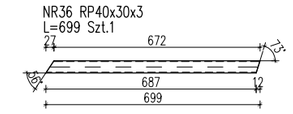


NR34 RK50x4
L=1655 Szt.1

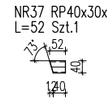


NR35 RK50x4
L=100 Szt.1

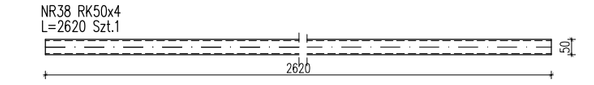
NR36 RP40x30x3
L=699 Szt.1



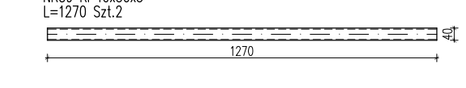
NR37 RP40x30x3
L=52 Szt.1



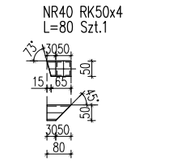
NR38 RK50x4
L=2620 Szt.1



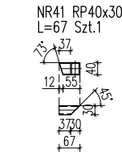
NR39 RP40x30x3
L=1270 Szt.2



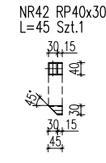
NR40 RK50x4
L=80 Szt.1



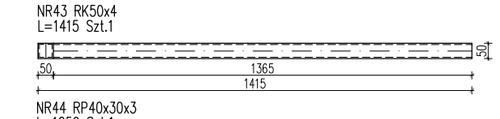
NR41 RP40x30x3
L=67 Szt.1



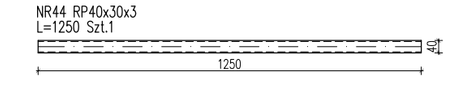
NR42 RP40x30x3
L=45 Szt.1



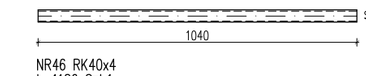
NR43 RK50x4
L=1415 Szt.1



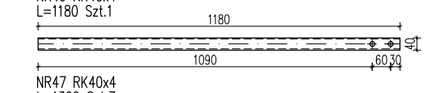
NR44 RP40x30x3
L=1250 Szt.1



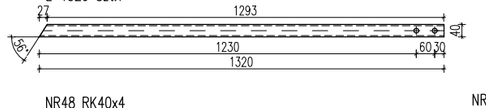
NR45 RK40x4
L=1040 Szt.5



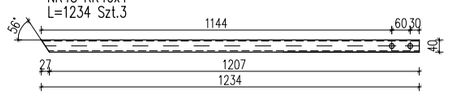
NR46 RK40x4
L=1180 Szt.1



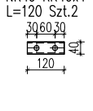
NR47 RK40x4
L=1320 Szt.7



NR48 RK40x4
L=1234 Szt.3



NR49 RK40x4
L=120 Szt.2



WYKAZ STALI

Nr elementu	Nazwa elementu	Długość	Liczba	Długość razem	Masa jednost.	Masa 1 elem.	Masa razem
		mm	szt.	m	kg/m	kg	kg
Dwuteownik	IPE200	2800	4	11,20	22,40	62,72	250,88
1	RP 120x80x4	370	2	0,74	11,90	4,40	8,81
2	RP 120x80x4	306	2	0,61	11,90	4,41	7,28
3	RP 120x80x4	380	39	14,82	11,90	4,52	176,36
4	RP 120x80x4	294	42	12,35	11,90	3,50	146,94
5	RP 120x80x4	1500	2	3,00	11,90	17,85	35,70
6	RP 120x80x4	2660	1	2,66	11,90	31,65	31,65
7	RP 120x80x4	1620	2	3,24	11,90	19,28	38,56
8	RP 120x80x4	1600	2	3,20	11,90	19,04	38,08
9	RP 120x80x4	1410	1	1,41	11,90	16,78	16,78
10	RP 120x80x4	1520	1	1,52	11,90	18,09	18,09
11	RK 120x4	2910	2	5,82	14,40	41,90	83,81
12	RP 120x80x4	2700	2	5,40	11,90	32,13	64,26
13	RP 120x80x4	130	1	0,13	11,90	1,55	1,55
14	RP 120x80x4	2420	1	2,42	11,90	28,80	28,80
15	RP 120x80x4	200	1	0,20	11,90	2,38	2,38
16	RP 120x80x4	5400	1	5,40	11,90	64,26	64,26
17	RP 120x80x4	1150	2	2,30	11,90	13,69	27,37
18	RP 120x80x4	2938	1	2,94	11,90	34,96	34,96
19	BL1600x10	2660	1	2,66	125,60	334,10	334,10
20	BL260x10	1250	20	25,00	20,41	25,51	510,25
21	BL1620x10	2660	1	2,66	127,17	338,27	338,27
22	RK 50x4	990	3	2,97	5,51	5,45	16,36
23	RK 50x4	95	1	0,10	5,51	0,52	0,52
24	RK 50x4	3240	1	3,24	5,51	17,85	17,85
25	RP 40x30x3	990	3	2,97	3,33	3,30	9,89
26	RP 40x30x3	92	1	0,09	3,33	0,31	0,31
27	RP 40x30x3	1011	3	3,03	3,33	3,37	10,10
28	RP 40x30x3	1230	3	3,69	3,33	4,10	12,29
29	RP 40x30x3	954	1	0,95	3,33	3,18	3,18
30	RK 50x4	3219	2	6,44	5,51	17,74	35,47
31	RK 50x4	95	1	0,10	5,51	0,52	0,52
32	RP 40x30x3	761	3	2,28	3,33	2,53	7,60
33	RP 40x30x3	52	1	0,05	3,33	0,17	0,17
34	RK 50x4	1655	1	1,66	5,51	9,12	9,12
35	RK 50x4	100	1	0,10	5,51	0,55	0,55
36	RP 40x30x3	699	1	0,70	3,33	2,33	2,33
37	RP 40x30x3	52	1	0,05	3,33	0,17	0,17
38	RK 50x4	2620	1	2,62	5,51	14,44	14,44
39	RP 40x30x3	1270	2	2,54	3,33	4,23	8,46
40	RK 50x4	80	1	0,08	5,51	0,44	0,44
41	RP 40x30x3	67	1	0,07	3,33	0,22	0,22
42	RP 40x30x3	45	1	0,05	3,33	0,15	0,15
43	RK 50x4	1415	1	1,42	5,51	7,80	7,80
44	RP 40x30x3	1250	1	1,25	3,33	4,16	4,16
45	RK 40x4	1040	5	5,20	4,25	4,42	22,10
46	RK 40x4	1180	1	1,18	4,25	5,02	5,02
47	RK 40x4	1320	7	9,24	4,25	5,61	39,27
48	RK 40x4	1234	3	3,70	4,25	5,24	15,73
49	RK 40x4	120	2	0,24	4,25	0,51	1,02
50	10x10	808	61	49,29	0,79	0,63	38,69
51	10x10	810	48	38,88	0,79	0,64	30,72
52	BL60x10	120	18	2,16	4,71	0,57	10,17
53	BL240x12	240	3	0,72	22,61	5,43	16,28
					Masa ogółem:	kg	2600,2
					Naddatek na spoiny 1,8%	kg	46,8
					Naddatek na nierówności 2%	kg	52,0
					Nəddatek na elem. Dodatkowe 1,5%	kg	39,0
					Razaem:	**kg**	**2738,1**

UWAGA:

PRZED WYKONANIEM ELEMENTÓW I MONTAŻEM SPRAWDZIC WYMIARY

Spoiny nieoznaczone na rysunku wykonać jako spoiny pachwinowe o grubości 0,7 cieńszego elementu .
Spoiny czołowe wykonać o grubości równej cieńszego elementu.

Stal S235JR
ELEKTRODY EA 146

PRZEDSIĘBIORSTWO PROJEKTOWANIA I OBSŁUGI INWESTYCJI
"PROBUD" SP. Z O.O. KONIECZKI 15B/A, 19-300 EŁK

ADRES OBIEKTU:	ul.PIONIERSKA 13, 11-500 GIŻYCKO		BRANŻA: KONSTRUKCJA
NAZWA RYSUNKU:	KONSTRUKCJA STALOWA KLATKI SCHODOWEJ ZEWNĘTRZNEJ- WYKAZ ELEMENTÓW		DATA: LIPIEC 2019r.
PROJEKTANT:	mgr inż. Romuald Szafranowski nr upr. SUW-1/86	Podpis:	SKALA: 1:20
SPRAWDZAJĄCY:	mgr inż. Grzegorz Sulima nr upr. WAM/0009/POOK/11	Podpis:	NR RYSUNKU: K-19
ASYSTENT:	inż. Magda Wierzbicka	Podpis:	