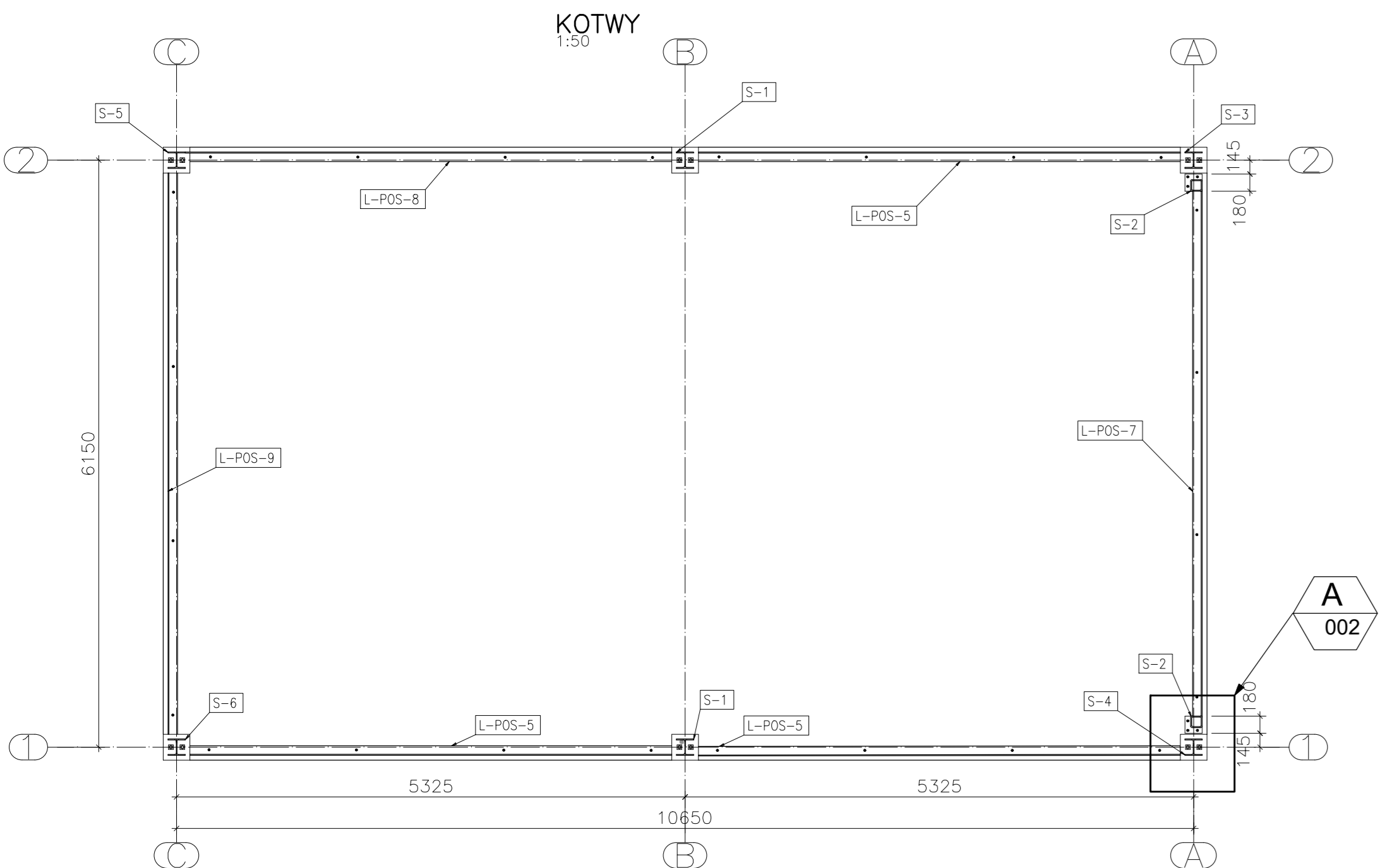
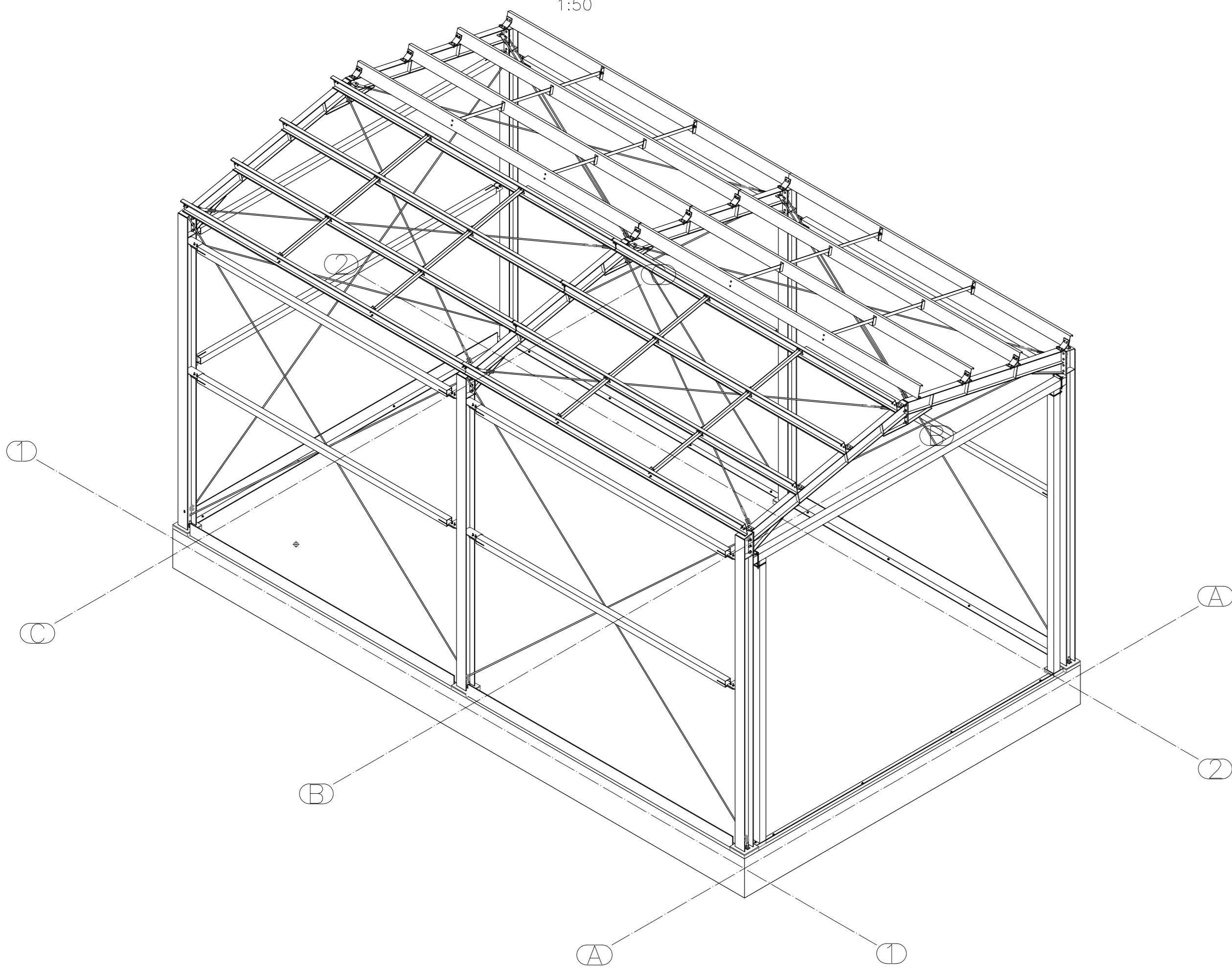


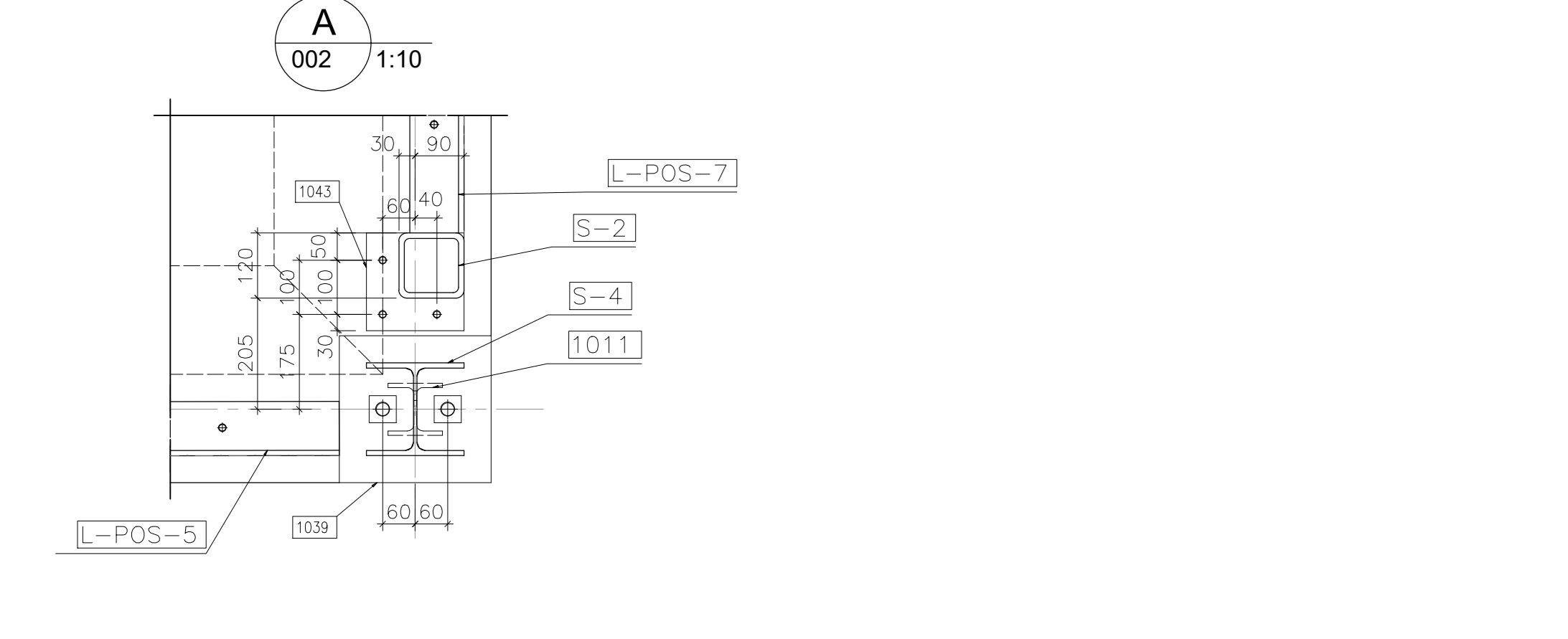
WIDOK 3D

1:50



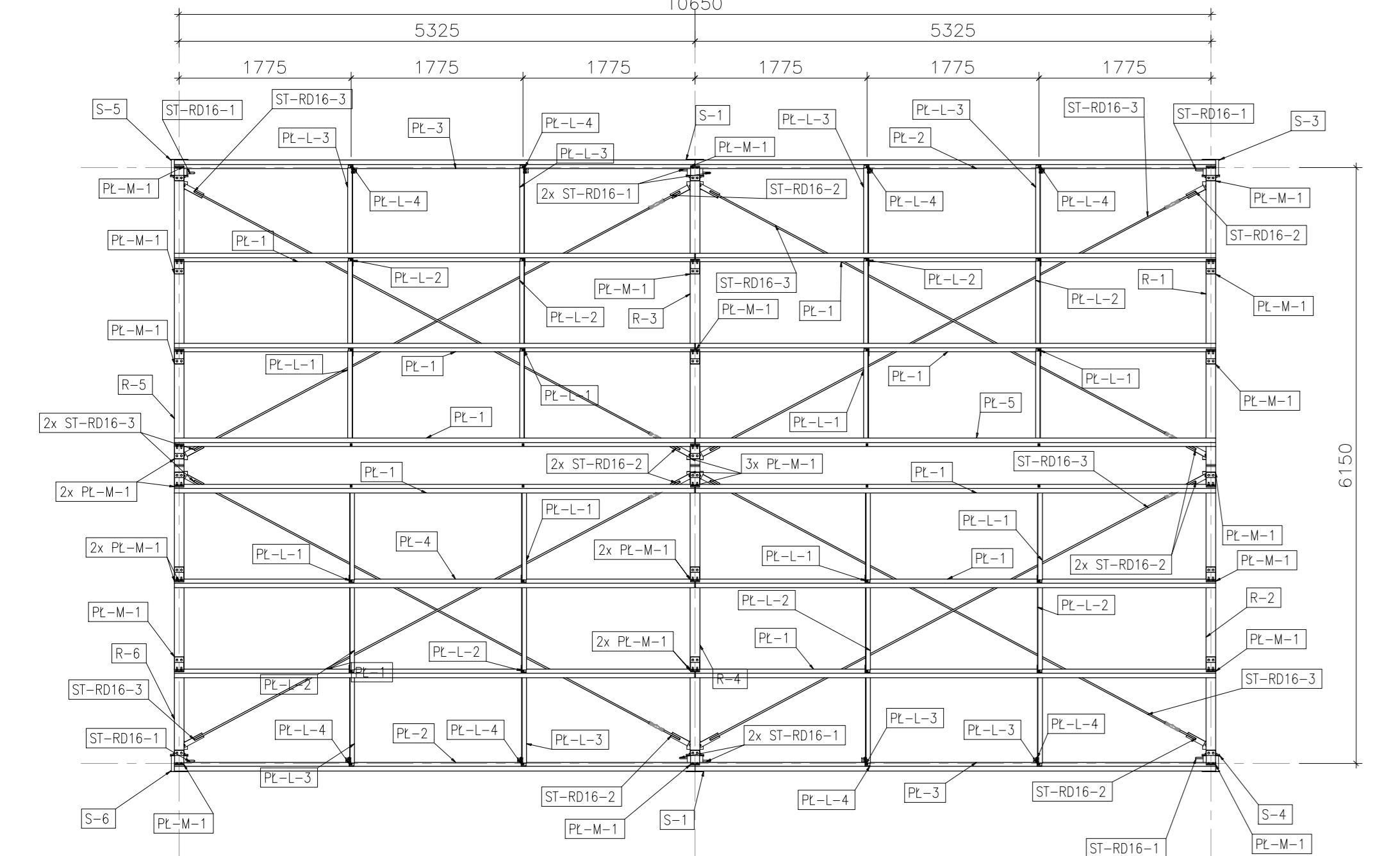
KOTWY

1:50



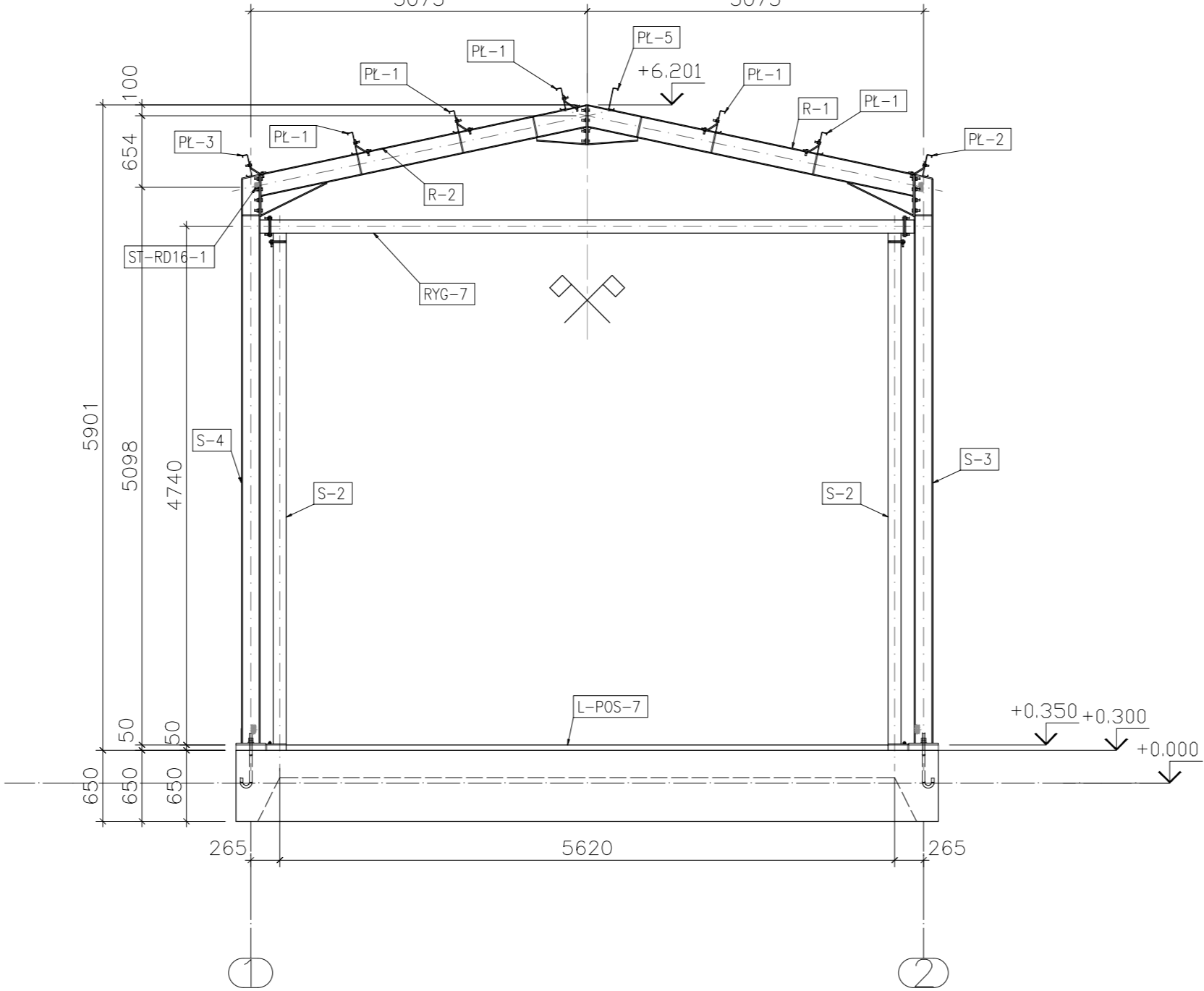
RZUT DACHU

1:50



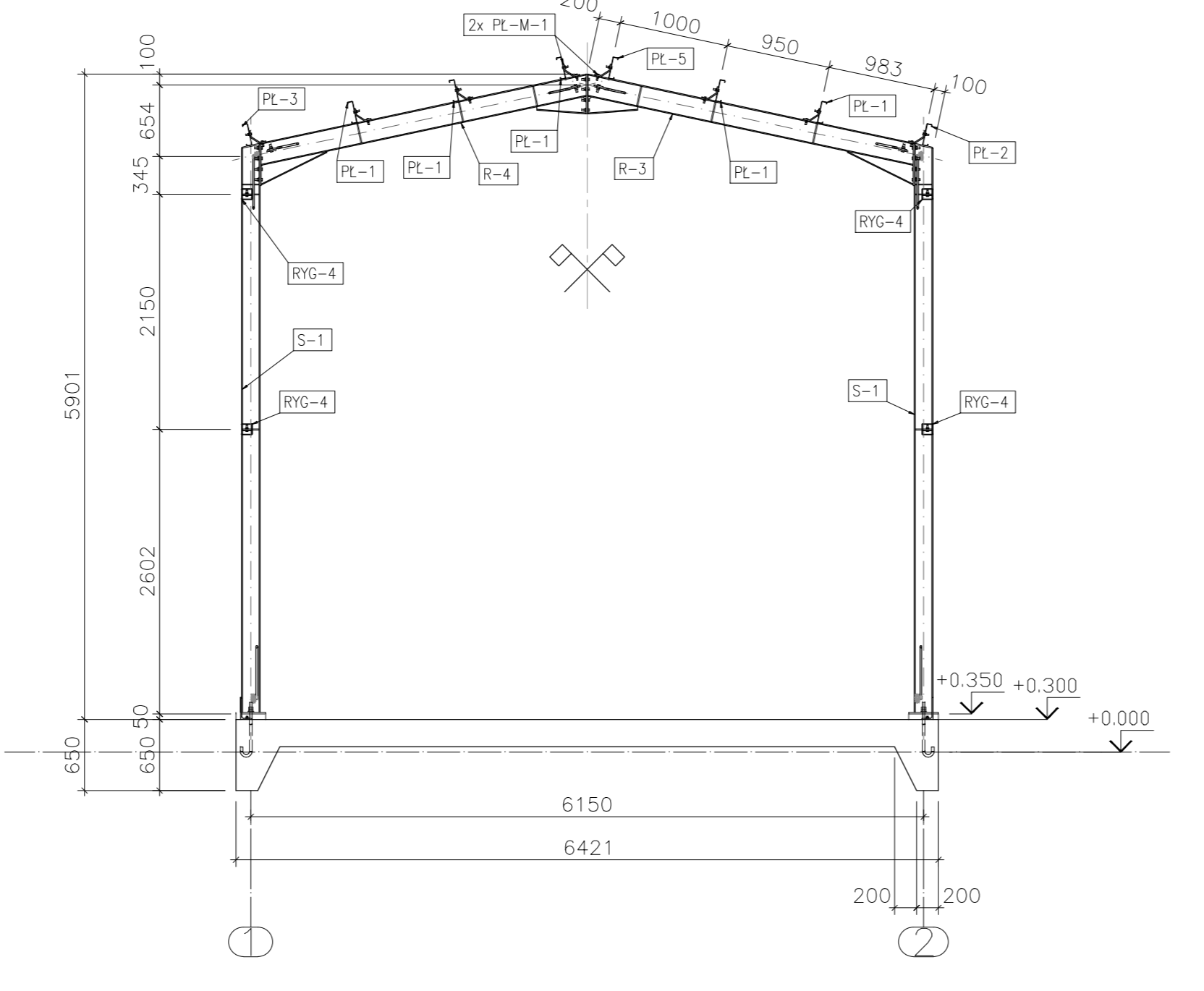
RAMA W OSI A-A

1:50



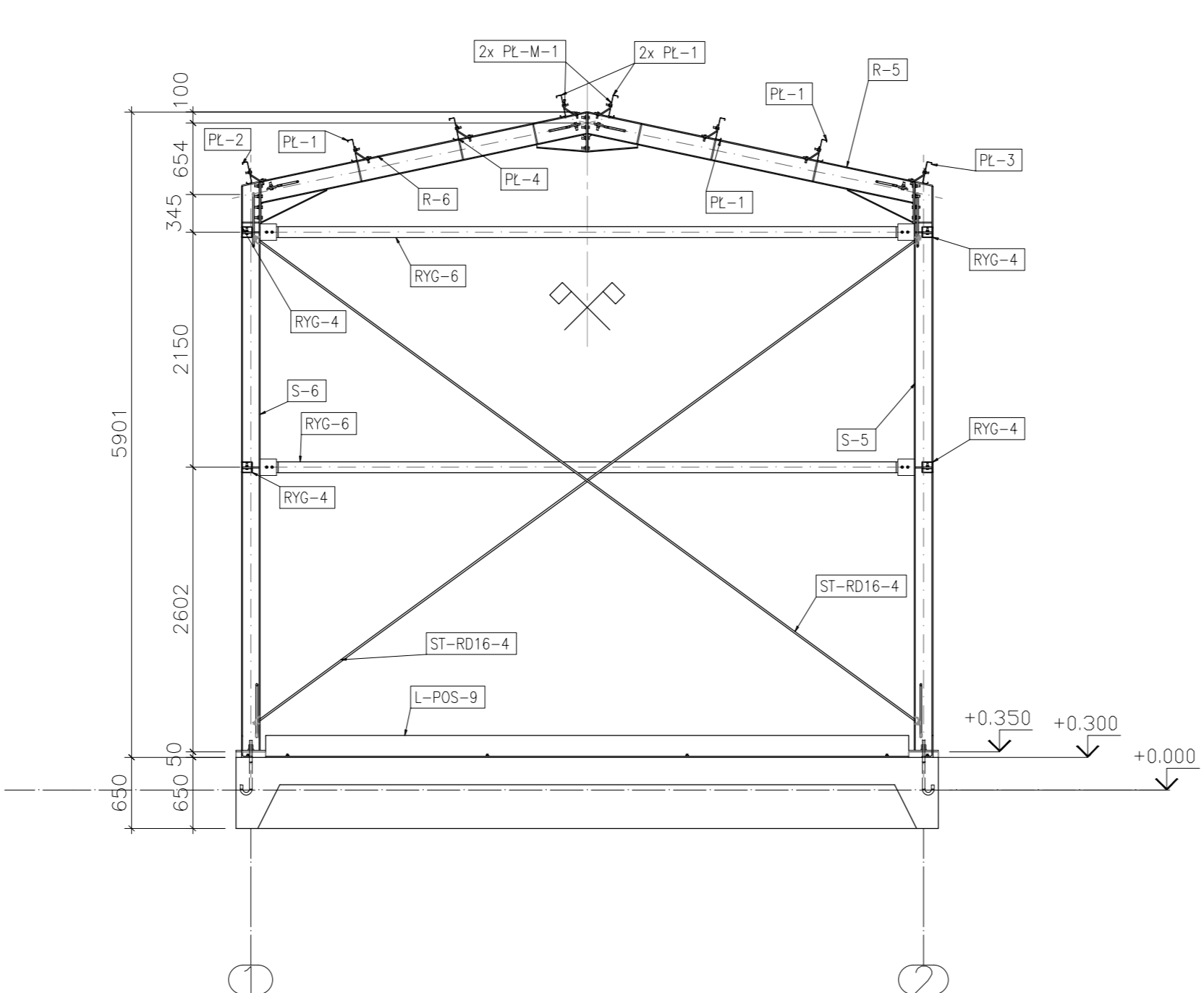
RAMA W OSI B-B

1:50



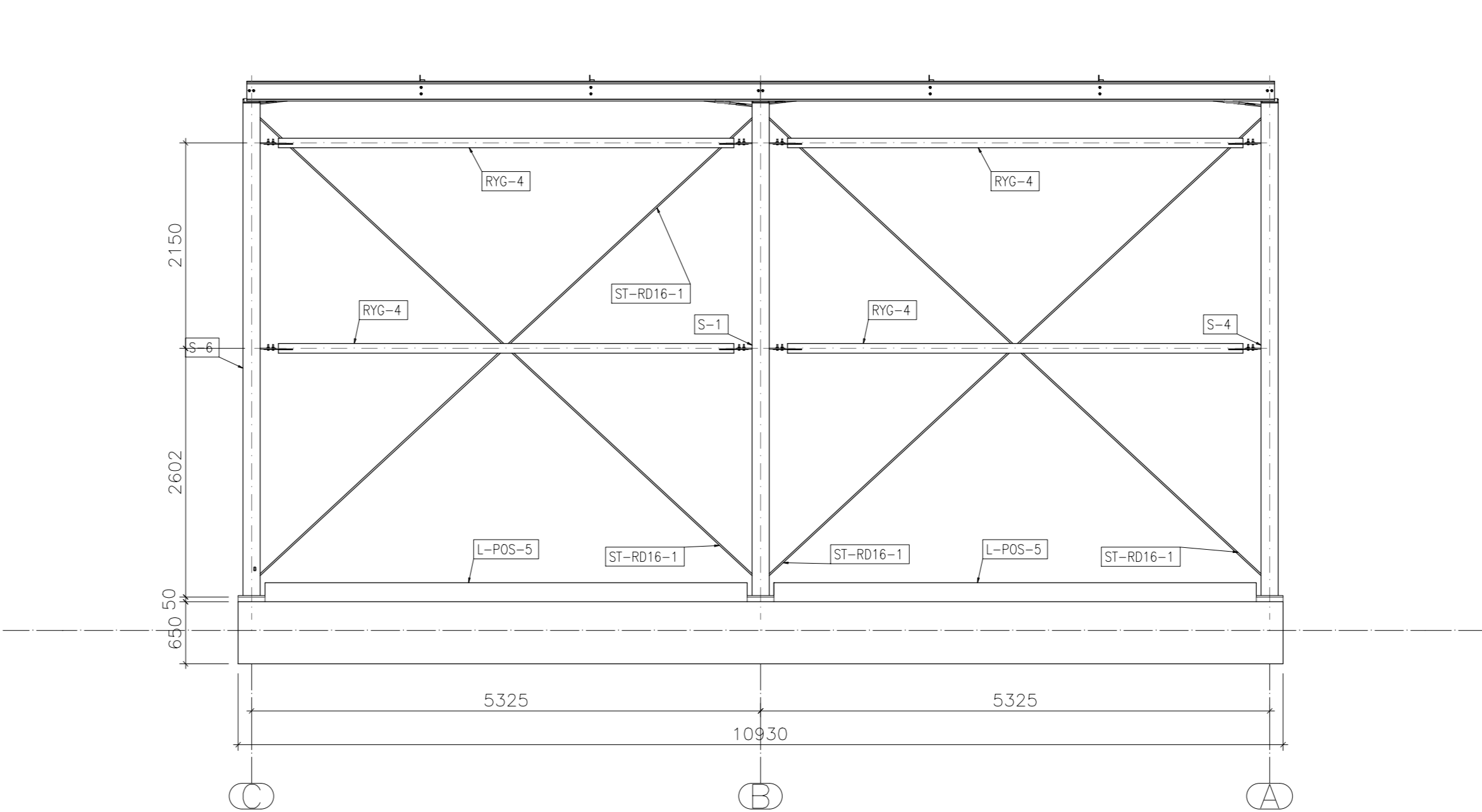
RAMA W OSI C-C

1:50



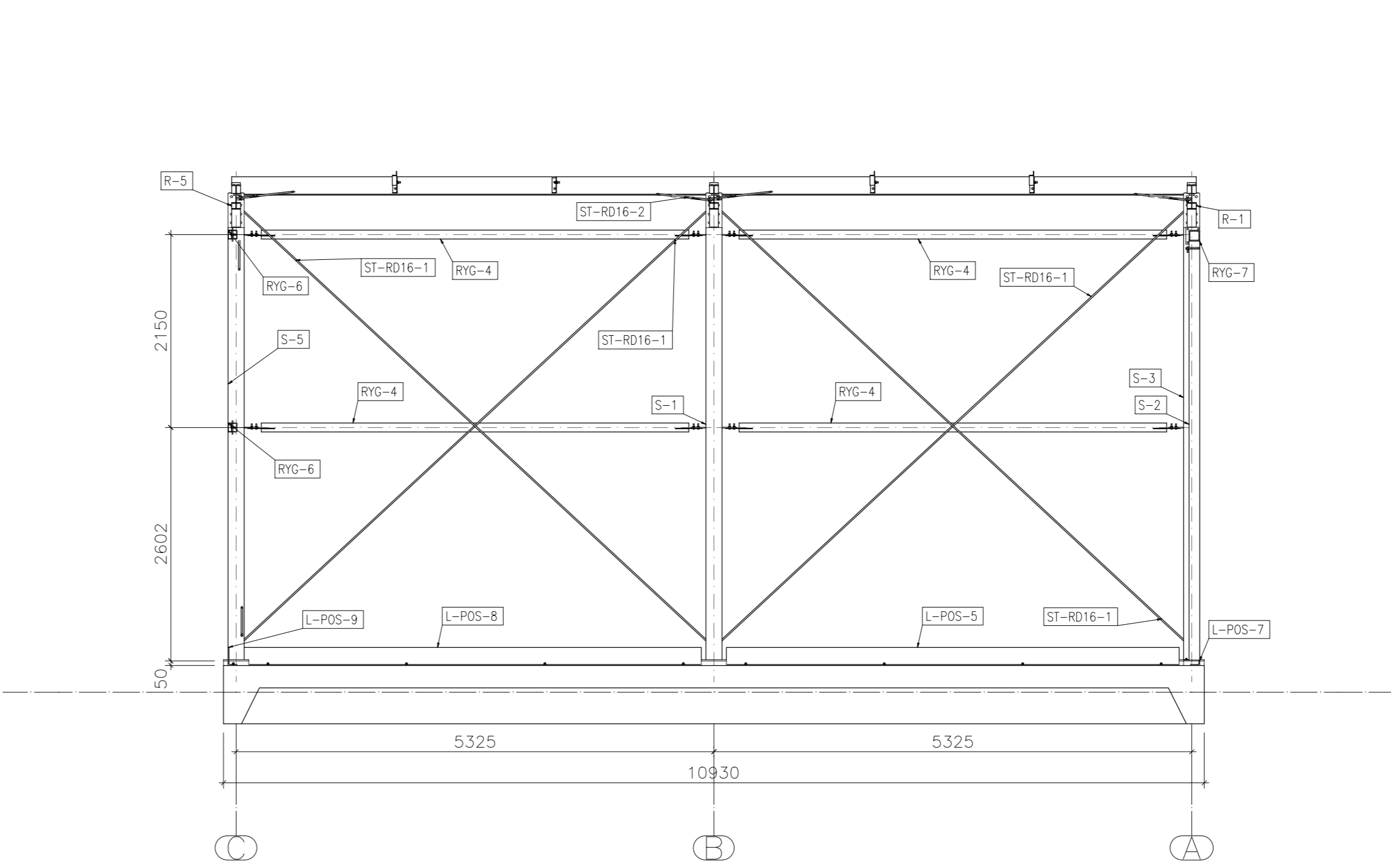
WIDOK W OSI 1-1

1:50



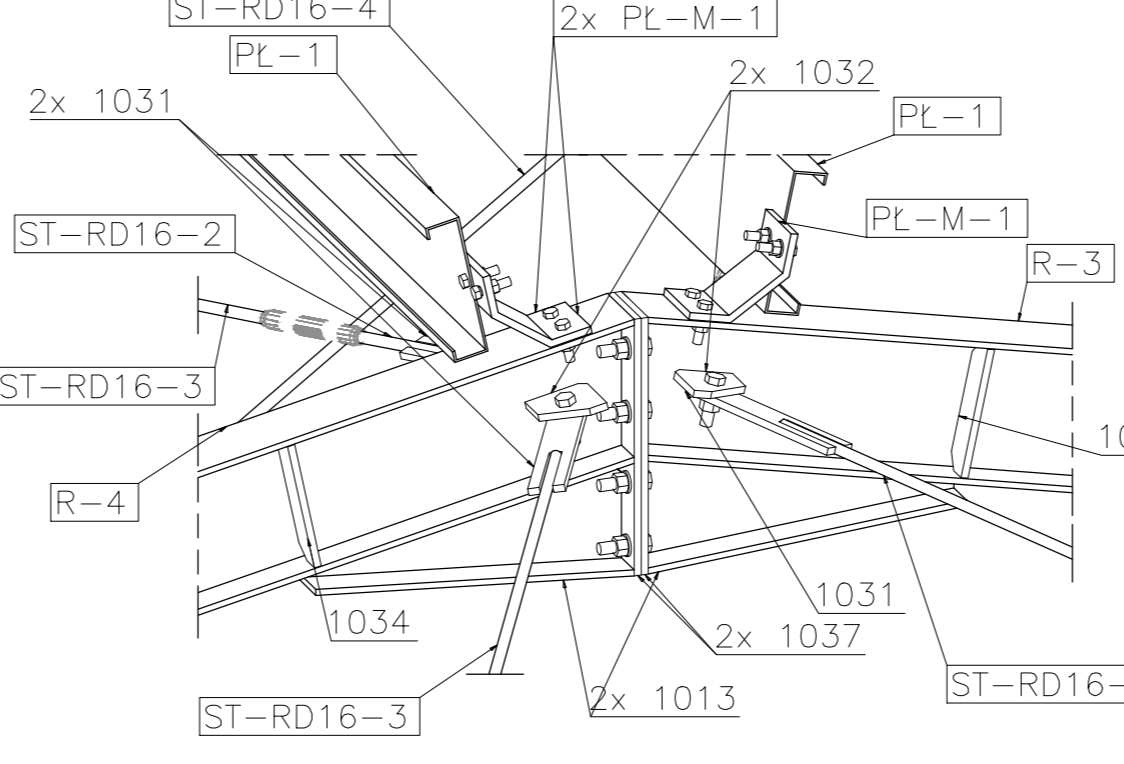
WIDOK W OSI 2-2

1:50



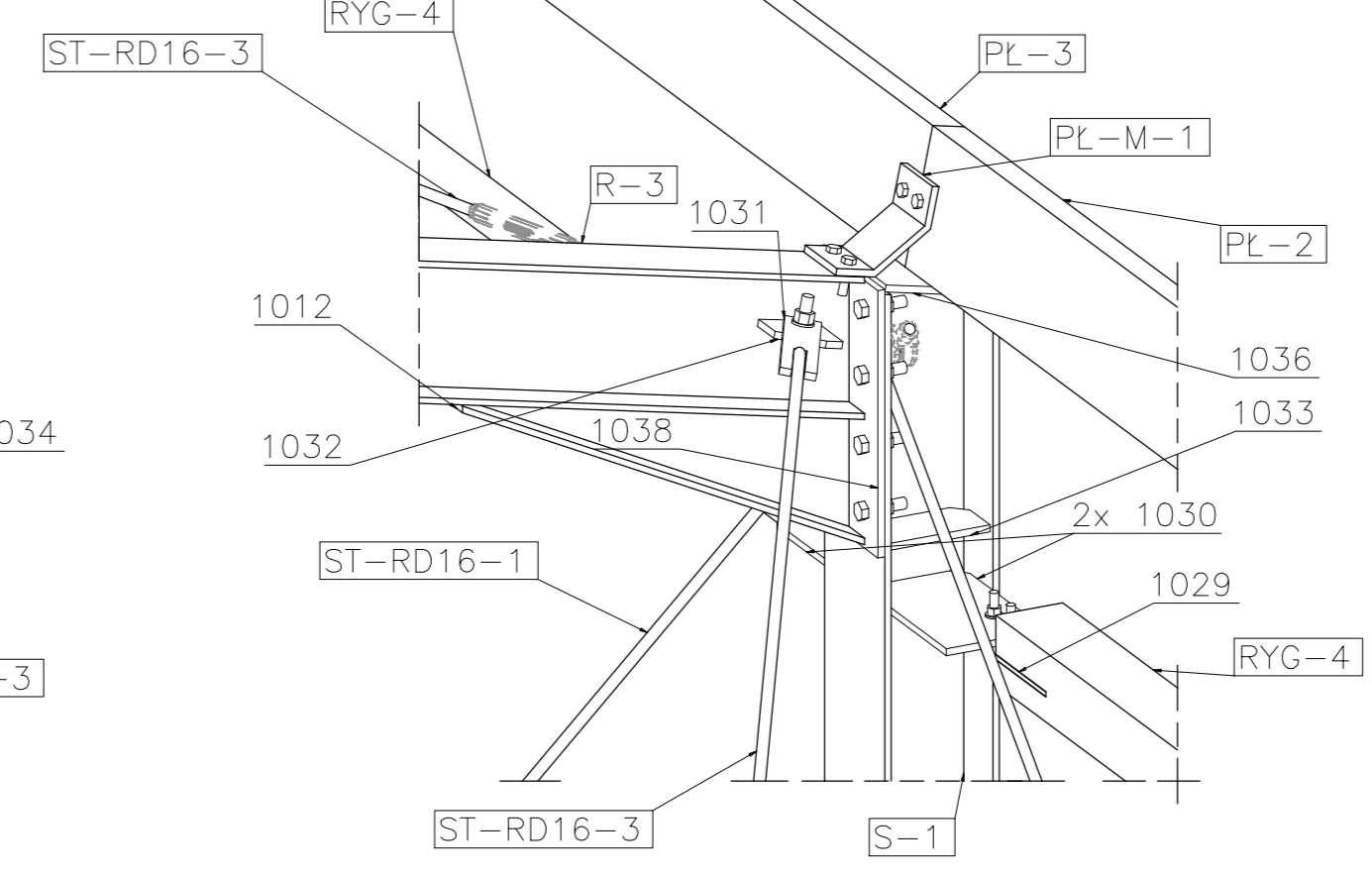
DETAL POŁĄCZENIA SZCZYT RAMY

1:10



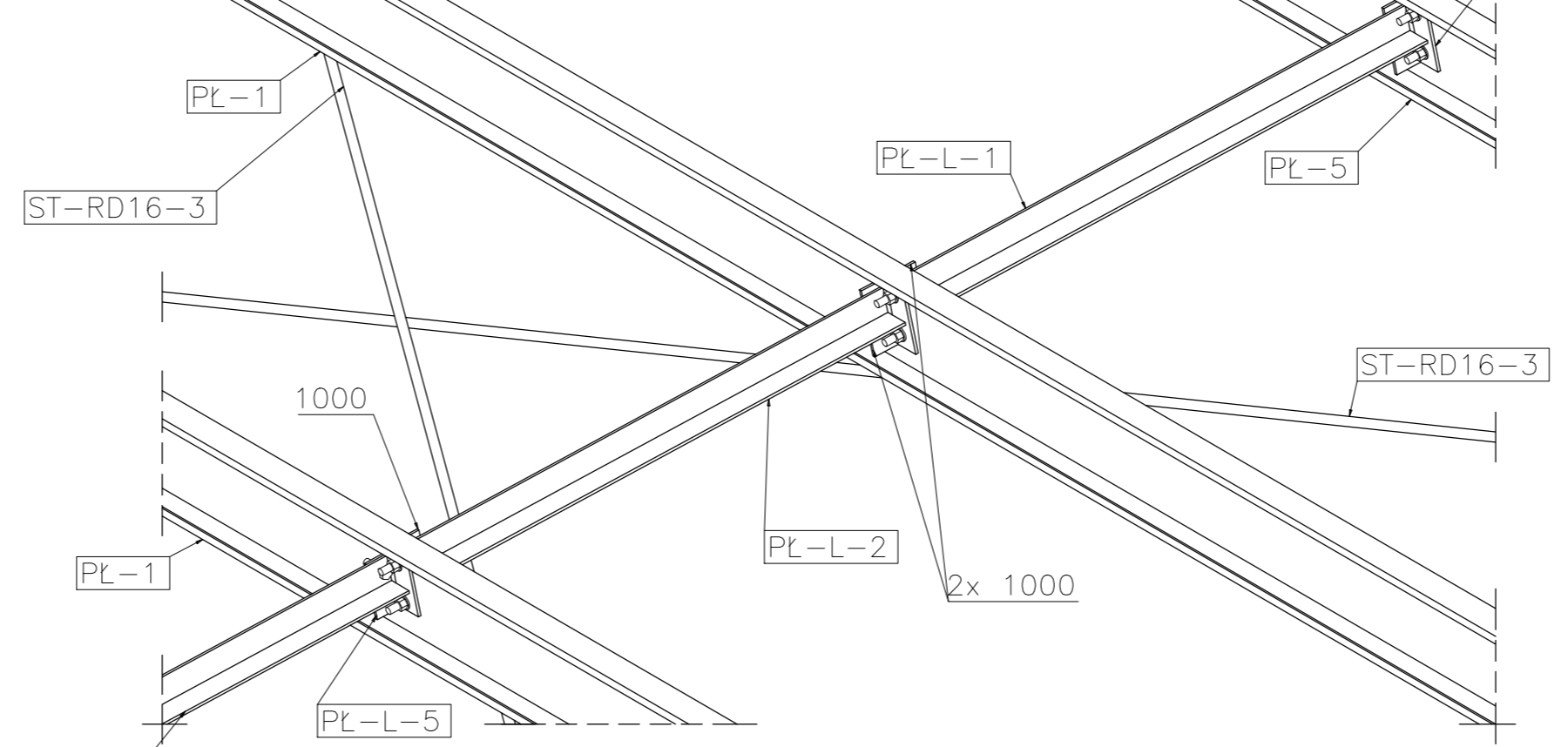
DETAL POŁĄCZENIA NAROŻE RAMY

1:10



DETAL POŁĄCZENIA TĘŻNIKI PŁATWI

1:10



BETON: C25/30,

STAL zbrojeniowa:

kl. A-IIIN, gat. B500SP pręty główne

kl. A4, gat. S135Y strzemiona

STAL konstrukcyjna:

KLASA WYKONANIA KONSTRUKCJI: EXC 2

S235JR, zabezpieczona antykorozyjnie

Przygotowanie powierzchni Sa 2,5

Powłoki malarskie trójwarstwowe o łącznej grubości min. 300um

Farba ppoż. wg opisu

Płatwie - S390GD - jednoelementowe

Śruby: klasy min. 8.8

Spoiny wg części obliczeniowej połączeń zawarte w części opisowej

Projektu Technicznego (Wykonawczego)

ZESTAWIENIE ŚRUB I KOTEW

Name	Material	Quantity	Total weight (kg)
ŚRUBY			
Podkładka ISO 7089-16-200HV	200 HV	88	1
Podkładka ISO 7089-12-200HV	200 HV	258	16
Nakrętka M16 - 10	8.8	16	0.5
Nakrętka M16 - 8	8.8	72	2.4
Nakrętka M12 - 10	8.8	244	0.2
Nakrętka M12 - 8	8.8	14	4.1
M16 x 60 - 10.9	8.8	16	1.9
M16 x60 - 8.8	8.8	72	8.1
M12 x 55 - 10.9	8.8	14	0.8
M12 x 50 - 8.8	8.8	86	4.6
M12 x 45 - 8.8	8.8	126	6.3
M12 x 40 - 8.8	8.8	32	1.5
			1038
KOTWY			
Kotwa specjalna M24x300	8.8	12	29.2
HLTI HAS-E M12 110/28	5.8	32	5.8
			44
			35

ZESTAWIENIE STALI KONSTRUKCYJNEJ						
Pos.	Nazwa	Quantity	Length [m]	Wzrost [m]	Materiał	Weight[kg]
1	PL-1	1	10	10	ST-16-1	0.2
Total for element		1				0.2
2	PL-2	1	10	10	ST-16-1	0.2
Total for element		1				0.2
3	PL-3	1	10	10	ST-16-1	0.2
Total for element		1				0.2
4	PL-4	1	10	10	ST-16-1	0.2
Total for element		1				0.2
5	PL-5	1	10	10	ST-16-1	0.2
Total for element		1				0.2
6	PL-6	1	10	10	ST-16-1	0.2
Total for element		1				0.2
7	PL-7	1	10	10	ST-16-1	0.2
Total for element		1				0.2
8	PL-8	1	10	10	ST-16-1	0.2
Total for element		1				0.2
9	PL-9	1	10	10	ST-16-1	0.2
Total for element		1				0.2
10	PL-10	1	10	10	ST-16-1	0.2
Total for element		1				0.2
11	PL-11	1	10	10	ST-16-1	0.2
Total for element		1				0.2
12	PL-12	1	10	10	ST-16-1	0.2
Total for element		1				0.2
13	PL-13	1	10	10	ST-16-1	0.2
Total for element		1				0.2
14	PL-14	1	10	10	ST-16-1	0.2
Total for element		1				0.2
15	PL-15	1	10	10	ST-16-1	0.2
Total for element		1				0.2
16	PL-16	1	10	10	ST-16-1	0.2
Total for element		1				0.2
17	PL-17	1	10	10	ST-16-1	0.2
Total for element		1				0.2
18	PL-18	1	10	10	ST-16-1	0.2
Total for element		1				0.2
19	PL-19	1	10	10	ST-16-1	0.2
Total for element		1				0.2
20	PL-20	1	10	10	ST-16-1	0.2
Total for element		1				0.2
21	PL-21	1	10	10	ST-16-1	0.2
Total for element		1				0.2
22	PL-22	1	10	10	ST-16-1	0.2
Total for element		1				0.2
23	PL-23	1	10	10	ST-16-1	0.2
Total for element		1				0.2
24	PL-24	1	10	10	ST-16-1	0.2
Total for element		1				0.2
25	PL-25	1	10	10	ST-16-1	0.2
Total for element		1				0.2
26	PL-26	1	10	10	ST-16-1	0.2
Total for element		1				0.2
27	PL-27	1	10	10	ST-16-1	0.2
Total for element		1				0.2
28	PL-28	1	10	10	ST-16-1	0.2
Total for element		1				0.2
29	PL-29	1	10	10	ST-16-1	0.2
Total for element		1				0.2
30	PL-30	1	10	10	ST-16-1	0.2
Total for element		1				0.2
31	PL-31	1	10	10	ST-16-1	0.2
Total for element		1				0.2
32	PL-32	1	10	10	ST-16-1	0.2
Total for element		1				0.2
33	PL-33	1	10	10	ST-16-1	0.2
Total for element		1				0.2
34	PL-34	1	10	10	ST-16-1	0.2
Total for element		1				0.2
35	PL-35	1	10	10	ST-16-1	0.2
Total for element		1				0.2
36	PL-36	1	10	10	ST-16-1	0.2
Total for element		1				0.2
37	PL-37	1	10	10	ST-16-1	0.2
Total for element		1				0.2
38	PL-38	1	10	10	ST-16-1	0.2
Total for element		1				0.2
39	PL-39	1	10	10	ST-16-1	0.2
Total for element		1				0.2
40	PL-40	1	10	10	ST-16-1	0.2
Total for element		1				0.2
41	PL-41	1	10	10	ST-16-1	0.2
Total for element		1				0.2
42	PL-42	1	10	10	ST-16-1	0.2
Total for element		1				0.2
43	PL-43	1	10	10	ST-16-1	0.2
Total for element		1				0.2
44	PL-44	1	10	10	ST-16-1	0.2
Total for element		1				0.2
45	PL-45	1	10	10	ST-16-1	0.2
Total for element		1				0.2
46	PL-46	1	10	10	ST-16-1	0.2
Total for element		1				0.2
47	PL-47	1	10	10	ST-16-1	0.2
Total for element		1				0.2
48	PL-48	1	10	10	ST-16-1	0.2
Total for element		1				0.2
49	PL-49	1	10	10	ST-16-1	0.2
Total for element		1				0.2
50	PL-50	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
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Total for element		1				0.2
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Total for element		1				0.2
55	PL-55	1	10	10	ST-16-1	0.2
Total for element		1				0.2
56	PL-56	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
58	PL-58	1	10	10	ST-16-1	0.2
Total for element		1				0.2
59	PL-59	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
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Total for element		1				0.2
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Total for element		1				0.2
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Total for element		1				0.2
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Total for element		1				0.2
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Total for element		1				0.2
66	PL-66	1	10	10	ST-16-1	0.2
Total for element		1				0.2
67	PL-67	1	10	10	ST-16-1	0.2
Total for element		1				0.2
68	PL-68	1	10	10	ST-16-1	0.2
Total for element		1				0.2
69	PL-69	1	10	10	ST-16-1	0.2
Total for element		1				0.2
70	PL-70	1	10	10	ST-16-1	0.2
Total for element		1				0.2
71	PL-71	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
73	PL-73	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
75	PL-75	1	10	10	ST-16-1	0.2
Total for element		1				0.2
76	PL-76	1	10	10	ST-16-1	0.2
Total for element		1				0.2
77	PL-77	1	10	10	ST-16-1	0.2
Total for element		1				0.2
78	PL-78	1	10	10	ST-16-1	0.2
Total for element		1				0.2
79	PL-79	1	10	10	ST-16-1	0.2
Total for element		1				0.2
80	PL-80	1	10	10	ST-16-1	0.2
Total for element		1				0.2
81	PL-81	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
83	PL-83	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
85	PL-85	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
87	PL-87	1	10	10	ST-16-1	0.2
Total for element		1				0.2
88	PL-88	1	10	10	ST-16-1	0.2
Total for element		1				0.2
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Total for element		1				0.2
90	PL-90	1	10	10	ST-16-1	0.2
Total for element		1				0.2
91	PL-91	1	10	10	ST-16-1	0.2
Total for element		1				0.2
92	PL-92	1	10	10	ST-16-1	0.2
Total for element		1				0.2
93	PL-93	1	10	10	ST-16-1	0.2
Total for element		1				0.2
94	PL-94	1	10	10	ST-16-1	0.2
Total for element		1				0.2
95	PL-95	1	10	10	ST-16-1	0.2
Total for element		1				0.2
96	PL-96	1	10	10	ST-16-1	0.2
Total for element		1				0.2
97	PL-97	1	10	10	ST-16-1	0.2
Total for element		1				0.2
98	PL-98	1	10	10	ST-16-1	0.2
Total for element		1				0.2
99	PL-99	1	10	10	ST-16-1	0.2
Total for element		1				0.2
100	PL-100	1	10	10	ST-16-1	0.2
Total for element		1				0.2
101	PL-101	1	10	10	ST-16-1	0.2
Total for element		1				0.2
102	PL-102	1	10	10	ST-16-1	0.2
Total for element		1				0.2
103	PL-103	1	10	10	ST-16-1	0.2
Total for element		1				0.2
104	PL-104	1	10	10	ST-16-1	0.2
Total for element		1				0.2
105	PL-105	1	10	10	ST-16-1	0.2
Total for element		1				0.2
106	PL-106	1	10	10	ST-16-1	0.2
Total for element		1				0.2
107	PL-107	1	10	10	ST-16-1	0.2
Total for element		1				0.2
108	PL-108	1	10	10	ST-16-1	0.2
Total for element		1				0.2
109	PL-109	1	10	10	ST-16-1	0.2
Total for element		1				0.2
110	PL-110	1	10	10	ST-16-1	0.2
Total for element		1				0.2
111	PL-111	1	10	10	ST-16-1	0.2
Total for element		1				0.2
112	PL-112	1	10	10	ST-16-1	0.2
Total for element		1				0.2
113	PL-113	1	10	10	ST-16-1	0.2
Total for element		1				0.2
114	PL-114	1	10	10	ST-16-1	0.2
Total for element		1				0.2
115	PL-115	1	10	10	ST-16-1	0.2
Total for element		1				0.2
116	PL-116	1	10	10	ST-16-1	0.2
Total for element		1				0.2
117	PL-117	1	10	10	ST-16-1	0.2
Total for element		1				0.2
118	PL-118	1	10	10	ST-16-1	0.2
Total for element		1				0.2
119	PL-119	1	10	10	ST-16-1	0.2
Total for element		1				0.2
120	PL-120	1	10	10	ST-16-1	0.2
Total for element		1				0.2
121	PL-121	1	10	10	ST-16-1	0.2
Total for element		1				0.2
122	PL-122	1	10	10	ST-16-1	0.2
Total for element		1				0.2
123	PL-123	1	10	10	ST-16-1	0.2
Total for element						