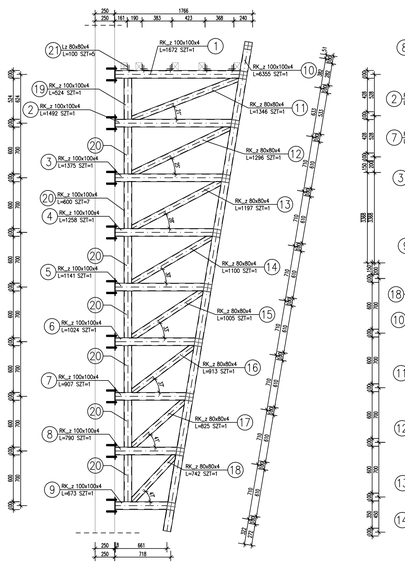
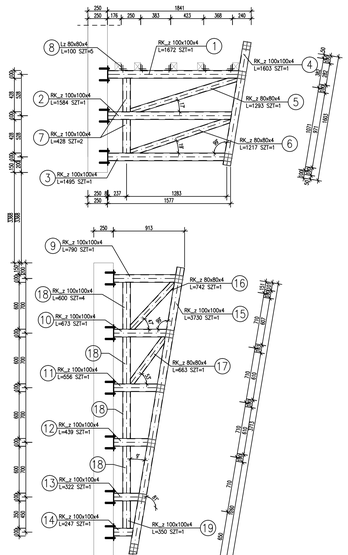
POZ.PS1 – Podkonstrukcja

szt.6



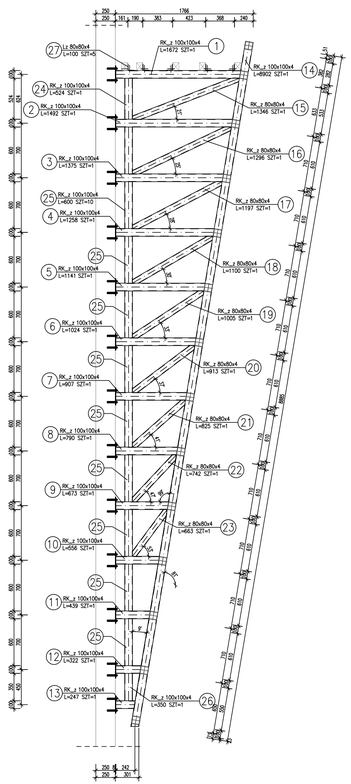
POZ.PS2 – Podkonstrukcja

szt.26



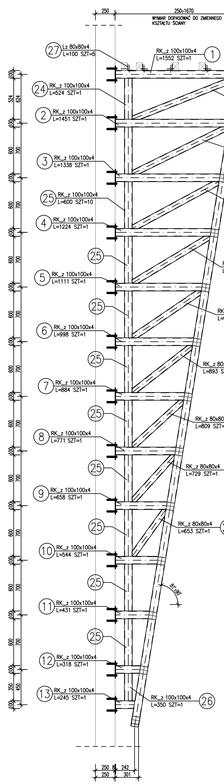
POZ.PS3 – Podkonstrukcja

szt.3



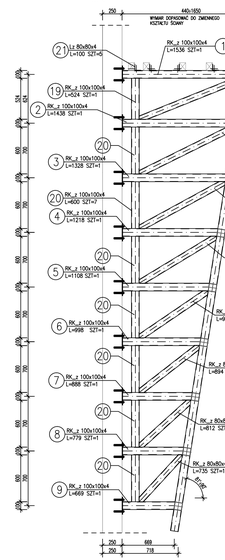
POZ.PS4 – Podkonstrukcja

szt.6



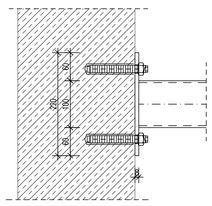
POZ.PS5 – Podkonstrukcja

szt.10



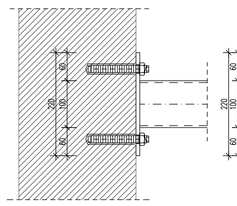
DETAL MOCOWANIA DLA PODŁOŻA ŻELBETOWEGO

Mocowanie wykonać z płaskowników stalowych gr.8mm.
Mocować do ściany za pomocą kotew wklejanych HILTI HIT-HY 200A+HIT-Z M16 kl.5.8, gł.zakotw.min. 96mm



DETAL MOCOWANIA DLA ŚCIAN MUROWANYCH

Mocowanie wykonać z płaskowników stalowych gr.8mm.
Mocować do ściany za pomocą kotew wklejanych HILTI HIT-HY 270+HIT-V-HCR M16 kl.5.8 + HIT-SC 22x85, gł.zakotw.min. 80mm



ZESTAWIENIE STALI – POZ.PS1

POZ.	NUMER ELEMENTU	NAZWA ELEMENTU	DŁUGOŚĆ [mm]	GATUNEK STAL	LICZBA SZTUK	DŁ. PASTW [m]	MASA JEDN [kg/m]	MASA 1 ELEM [kg]	MASA PASTW [kg]	POLE JEDN PROŁ [m2/m]	POLE 1 ELEM [m2]	POLE PASTW [m2]
1	1	RK_z 100x100x4	1672	S235	1	1.67	11.70	19.56	19.56	0.39	0.65	0.65
10	10	RK_z 100x100x4	6355	S235	1	6.36	11.70	74.35	74.35	0.39	2.45	2.45
11	11	RK_z 80x80x4	1348	S235	1	1.35	9.22	12.41	12.41	0.31	0.41	0.41
12	12	RK_z 80x80x4	1296	S235	1	1.30	9.22	11.95	11.95	0.31	0.40	0.40
13	13	RK_z 80x80x4	1197	S235	1	1.20	9.22	11.04	11.04	0.31	0.37	0.37
14	14	RK_z 80x80x4	1100	S235	1	1.10	9.22	10.14	10.14	0.31	0.34	0.34
15	15	RK_z 80x80x4	1005	S235	1	1.01	9.22	9.27	9.27	0.31	0.31	0.31
16	16	RK_z 80x80x4	913	S235	1	0.91	9.22	8.42	8.42	0.31	0.28	0.28
17	17	RK_z 80x80x4	825	S235	1	0.83	9.22	7.61	7.61	0.31	0.25	0.25
18	18	RK_z 80x80x4	742	S235	1	0.74	9.22	6.84	6.84	0.31	0.23	0.23
19	19	RK_z 100x100x4	524	S235	1	0.52	11.70	6.13	6.13	0.39	0.20	0.20
2	2	RK_z 100x100x4	1492	S235	1	1.49	11.70	17.45	17.45	0.39	0.58	0.58
20	20	RK_z 100x100x4	600	S235	7	4.20	11.70	7.02	49.14	0.39	0.23	1.62
21	21	RK_z 80x80x4	100	S235	5	0.50	9.22	0.46	2.32	0.31	0.03	0.16
3	3	RK_z 100x100x4	1375	S235	1	1.38	11.70	16.09	16.09	0.39	0.53	0.53
4	4	RK_z 100x100x4	1258	S235	1	1.26	11.70	14.72	14.72	0.39	0.49	0.49
5	5	RK_z 100x100x4	1141	S235	1	1.14	11.70	13.35	13.35	0.39	0.44	0.44
6	6	RK_z 100x100x4	1024	S235	1	1.02	11.70	11.98	11.98	0.39	0.40	0.40
7	7	RK_z 100x100x4	907	S235	1	0.91	11.70	10.61	10.61	0.39	0.35	0.35
8	8	RK_z 100x100x4	790	S235	1	0.79	11.70	9.24	9.24	0.39	0.30	0.30
9	9	RK_z 100x100x4	673	S235	1	0.67	11.70	7.87	7.87	0.39	0.26	0.26
GODZ/M									330.57			11.02
NADGATEK NA SPOINY: 1.8%									5.95			0.2
NADGATEK NA NIEROWNOŚCI: 2%									6.61			0.22
NADGATEK NA ELEM. DODATK.: 1.5%									5.00			0.17
PASTW									348.09			11.61
WYKONAC. z 6									2088.54			69.66
GODZ/M											426.35	
NADGATEK NA SPOINY: 1.8%											7.38	
NADGATEK NA NIEROWNOŚCI: 2%											8.2	
NADGATEK NA ELEM. DODATK.: 1.5%											6.15	
PASTW											431.68	
WYKONAC. z 2											1295.04	43.11

ZESTAWIENIE STALI – POZ.PS2

POZ.	NUMER ELEMENTU	NAZWA ELEMENTU	DŁUGOŚĆ [mm]	GATUNEK STAL	LICZBA SZTUK	DŁ. PASTW [m]	MASA JEDN [kg/m]	MASA 1 ELEM [kg]	MASA PASTW [kg]	POLE JEDN PROŁ [m2/m]	POLE 1 ELEM [m2]	POLE PASTW [m2]
1	1	RK_z 100x100x4	1672	S235	1	1.67	11.70	19.56	19.56	0.39	0.65	0.65
10	10	RK_z 100x100x4	556	S235	1	0.56	11.70	6.51	6.51	0.39	0.21	0.21
11	11	RK_z 80x80x4	1260	S235	1	1.26	9.22	11.62	11.62	0.31	0.38	0.38
12	12	RK_z 100x100x4	439	S235	1	0.44	11.70	5.14	5.14	0.39	0.17	0.17
13	13	RK_z 100x100x4	322	S235	1	0.32	11.70	3.77	3.77	0.39	0.12	0.12
14	14	RK_z 100x100x4	247	S235	1	0.25	11.70	2.89	2.89	0.39	0.10	0.10
15	15	RK_z 100x100x4	3730	S235	1	3.73	11.70	43.65	43.65	0.39	1.44	1.44
16	16	RK_z 80x80x4	742	S235	1	0.74	9.22	6.84	6.84	0.31	0.23	0.23
17	17	RK_z 80x80x4	663	S235	1	0.66	9.22	6.11	6.11	0.31	0.20	0.20
18	18	RK_z 80x80x4	350	S235	4	1.40	11.70	16.38	65.52	0.39	0.54	2.18
2	2	RK_z 100x100x4	1584	S235	1	1.58	11.70	18.53	18.53	0.39	0.61	0.61
3	3	RK_z 100x100x4	1460	S235	1	1.46	11.70	17.08	17.08	0.39	0.57	0.57
4	4	RK_z 100x100x4	1603	S235	1	1.60	11.70	18.76	18.76	0.39	0.62	0.62
5	5	RK_z 80x80x4	1283	S235	1	1.29	9.22	11.92	11.92	0.31	0.40	0.40
6	6	RK_z 80x80x4	1217	S235	1	1.22	9.22	11.22	11.22	0.31	0.37	0.37
7	7	RK_z 100x100x4	428	S235	2	0.86	11.70	5.01	10.02	0.39	0.17	0.33
8	8	Lz 80x80x4	100	S235	5	0.50	4.77	0.48	2.39	0.32	0.03	0.16
9	9	RK_z 100x100x4	790	S235	1	0.79	11.70	9.24	9.24	0.39	0.30	0.30
GODZ/M									4.62			0.14
NADGATEK NA SPOINY: 1.8%									4.31			0.14
NADGATEK NA NIEROWNOŚCI: 2%									4.68			0.16
NADGATEK NA ELEM. DODATK.: 1.5%									3.51			0.12
PASTW									244.48			8.24
WYKONAC. z 26									6458.48			214.24

ZESTAWIENIE STALI – POZ.PS3

POZ.	NUMER ELEMENTU	NAZWA ELEMENTU	DŁUGOŚĆ [mm]	GATUNEK STAL	LICZBA SZTUK	DŁ. PASTW [m]	MASA JEDN [kg/m]	MASA 1 ELEM [kg]	MASA PASTW [kg]	POLE JEDN PROŁ [m2/m]	POLE 1 ELEM [m2]	POLE PASTW [m2]
1	1	RK_z 100x100x4	1672	S235	1	1.67	11.70	19.56	19.56	0.39	0.65	0.65
10	10	RK_z 100x100x4	556	S235	1	0.56	11.70	6.51	6.51	0.39	0.21	0.21
11	11	RK_z 100x100x4	439	S235	1	0.44	11.70	5.14	5.14	0.39	0.17	0.17
12	12	RK_z 100x100x4	322	S235	1	0.32	11.70	3.77	3.77	0.39	0.12	0.12
13	13	RK_z 100x100x4	247	S235	1	0.25	11.70	2.89	2.89	0.39	0.10	0.10
14	14	RK_z 100x100x4	8662	S235	1	8.90	11.70	104.15	104.15	0.39	3.44	3.44
15	15	RK_z 100x100x4	1584	S235	1	1.58	11.70	18.53	18.53	0.39	0.61	0.61
16	16	RK_z 80x80x4	913	S235	1	0.91	9.22	8.42	8.42	0.31	0.28	0.28
17	17	RK_z 80x80x4	1197	S235	1	1.20	9.22	11.04	11.04	0.31	0.37	0.37
18	18	RK_z 80x80x4	1100	S235	1	1.10	9.22	10.14	10.14	0.31	0.34	0.34
19	19	RK_z 80x80x4	1005	S235	1	1.01	9.22	9.27	9.27	0.31	0.31	0.31
20	20	RK_z 80x80x4	913	S235	1	0.91	9.22	8.42	8.42	0.31	0.28	0.28
21	21	RK_z 80x80x4	825	S235	1	0.83	9.22	7.61	7.61	0.31	0.25	0.25
22	22	RK_z 80x80x4	742	S235	1	0.74	9.22	6.84	6.84	0.31	0.23	0.23
23	23	RK_z 80x80x4	663	S235	1	0.66	9.22	6.11	6.11	0.31	0.20	0.20
24	24	RK_z 100x100x4	524	S235	1	0.52	11.70	6.13	6.13	0.39	0.20	0.20
25	25	RK_z 100x100x4	600	S235	10	6.00	11.70	7.02	70.20	0.39	0.23	2.32
26	26	RK_z 100x100x4	350	S235	4	1.40	11.70	4.10	16.38	0.39	0.14	0.54
27	27	Lz 80x80x4	100	S235	5	0.50	4.77	0.48	2.39	0.32	0.03	0.16
3	3	RK_z 100x100x4	1375	S235	1	1.38	11.70	16.09	16.09	0.39	0.53	0.53
4	4	RK_z 100x100x4	1324	S235	1	1.32	11.70	14.32	14.32	0.39	0.47	0.47
5	5	RK_z 100x100x4	1111	S235	1	1.11	11.70	13.00	13.00	0.39	0.43	0.43
6	6	RK_z 100x100x4	998	S235	1	1.00	11.70	11.68	11.68	0.39	0.39	0.39
7	7	RK_z 100x100x4	884	S235	1	0.89	11.70	10.39	10.39	0.39	0.34	0.34
8	8	RK_z 100x100x4	771	S235	1	0.77	11.70	9.02	9.02	0.39	0.30	0.30
9	9	RK_z 100x100x4	658	S235	1	0.66	11.70	7.70	7.70	0.39	0.25	0.25
GODZ/M									403.78			13.42
NADGATEK NA SPOINY: 1.8%									7.26			0.24
NADGATEK NA NIEROWNOŚCI: 2%									8.07			0.27
NADGATEK NA ELEM. DODATK.: 1.5%									6.05			0.2
PASTW									424.17			14.13
WYKONAC. z 6									2548.62			84.96

UWAGA: ZESTAWIENIE WYKONANO DLA NAJWIĘKSZEGO WYSIĘGU PODKONSTRUKCJI POZ.PS4

ZESTAWIENIE STALI – POZ.PS4

POZ.	NUMER ELEMENTU	NAZWA ELEMENTU	DŁUGOŚĆ [mm]	GATUNEK STAL	LICZBA SZTUK	DŁ. PASTW [m]	MASA JEDN [kg/m]	MASA 1 ELEM [kg]	MASA PASTW [kg]	POLE JEDN PROŁ [m2/m]	POLE 1 ELEM [m2]	POLE PASTW [m2]
1	1	RK_z 100x100x4	1672	S235	1	1.67	11.70	19.56	19.56	0.39	0.65	0.65
10	10	RK_z 100x100x4	544	S235	1	0.54	11.70	6.36	6.36	0.39	0.21	0.21
11	11	RK_z 100x100x4	439	S235	1	0.44	11.70	5.14	5.14	0.39	0.17	0.17
12	12	RK_z 100x100x4	318	S235	1	0.32	11.70	3.72	3.72	0.39	0.12	0.12
13	13	RK_z 100x100x4	255	S235	1	0.26	11.70	2.98	2.98	0.39	0.10	0.10
14	14	RK_z 100x100x4	8886	S235	1	8.89	11.70	103.97	103.97	0.39	3.43	3.43
15	15	RK_z 100x100x4	1584	S235	1	1.58	11.70	18.53	18.53	0.39	0.61	0.61
16	16	RK_z 80x80x4	1260	S235	1	1.26	9.22	11.62	11.62	0.31	0.38	0.38
17	17	RK_z 80x80x4	1165	S235	1	1.17	9.22	10.74	10.74	0.31	0.36	0.36
18	18	RK_z 80x80x4	1072	S235	1	1.07	9.22	9.88	9.88	0.31	0.33	0.33
19	19	RK_z 80x80x4	981	S235	1	0.98	9.22	9.04	9.04	0.31	0.30	0.30
2	2	RK_z 100x100x4	1451	S235	1	1.45	11.70	16.98	16.98	0.39	0.56	0.56
20	20	RK_z 80x80x4	893	S235	1	0.89	9.22	8.23	8.23	0.31	0.27	0.27
21	21	RK_z 80x80x4	809	S235	1	0.81	9.22	7.46	7.46	0.31	0.25	0.25
22	22	RK_z 80x80x4	729	S235	1	0.73	9.22	6.72	6.72	0.31	0.22	0.22
23	23	RK_z 80x80x4	653	S235	1	0.65	9.22	6.02	6.02	0.31	0.20	0.20
24	24	RK_z 100x100x4	524	S235	1	0.52	11.70	6.13	6.13	0.39	0.20	0.20
25	25	RK_z 100x100x4	600	S235	10	6.00	11.70	7.02	70.20	0.39	0.23	2.32
26	26	RK_z 100x100x4	350	S235	4	1.40	11.70	4.10	16.38	0.39	0.14	0.54
27	27	Lz 80x80x4	100	S235	5	0.50	4.77	0.48	2.39	0.32	0.03	0.16
3	3	RK_z 100x100x4	1375	S235	1	1.38	11.70	16.09	16.09	0.39	0.53	0.53
4	4	RK_z 100x100x4	1324	S235	1	1.32	11.70	14.32	14.32	0.39	0.47	0.47
5	5	RK_z 100x100x4	1111	S235	1	1.11	11.70	13.00	13.00	0.39	0.43	0.43
6	6	RK_z 100x100x4	998	S235	1	1.00	11.70	11.68	11.68	0.39	0.39	0.39
7	7	RK_z 100x100x4	884	S235	1	0.89	11.70	10.39	10.39	0.39	0.34	0.34
8	8	RK_z 100x100x4	771	S235	1	0.77	11.70	9.02	9.02	0.39	0.30	0.30
9	9	RK_z 100x100x4	669	S235	1	0.67	11.70	7.83	7.83	0.39	0.26	0.26
GODZ/M									313.98			10.78
NADGATEK NA SPOINY: 1.8%									5.83			0.19
NADGATEK NA NIEROWNOŚCI: 2%									6.45			0.22
NADGATEK NA ELEM. DODATK.: 1.5%									4.84			0.16
PASTW									341.15			11.35
WYKONAC. z 10									3411.5			113.5

UWAGA: ZESTAWIENIE WYKONANO DLA NAJWIĘKSZEGO WYSIĘGU PODKONSTRUKCJI POZ.PS5

ZESTAWIENIE STALI – POZ.PS5

POZ.	NUMER ELEMENTU	NAZWA ELEMENTU	DŁUGOŚĆ [mm]	GATUNEK STAL	LICZBA SZTUK	DŁ. PASTW [m]	MASA JEDN [kg/m]	MASA 1 ELEM [kg]	MASA PASTW [kg]	POLE JEDN PROŁ [m2/m]	POLE 1 ELEM [m2]	POLE PASTW [m2]
1	1	RK_z 100x100x4	1672	S235	1	1.67	11.70	19.56	19.56	0.39	0.65	0.65
10	10	RK_z 100x100x4	544	S235	1	0.54	11.70	6.36	6.36	0.39	0.21	0.21
11	11	RK_z 80x80x4	1260	S235	1	1.26	9.22	11.62	11.62	0.31	0.38	0.38
12	12	RK_z 80x80x4	1250	S235	1	1.25	9.22	11.53	11.53	0.31	0.38	0.38
13	13	RK_z 80x80x4	1158	S235	1	1.16	9.22	10.68	10.68	0.31	0.35	0.35
14	14	RK_z 80x80x4	1068	S235	1	1.07	9.22	9.85	9.85	0.31	0.33	0.33
15	15	RK_z 80x80x4	980	S235	1	0.98	9.22	9.04	9.04	0.31	0.30	0.30
16	16	RK_z 80x80x4	894	S235	1	0.89	9.22	8.24	8.24	0.31	0.27	0.27
17	17	RK_z 80x80x4	812	S235	1	0.81	9.22	7.48	7.48	0.31	0.25	0.25
18	18	RK_z 80x80x4	735	S235	1	0.74	9.22	6.78	6.78	0.31	0.22	0.22
19	19	RK_z 80x80x4	669	S235	1	0.67	9.22	6.17	6.17	0.31	0.20	0.20
2	2	RK_z 100x100x4	1438	S235	1	1.44	11.70	16.82	16.82	0.39	0.56	0.56
20	20	RK_z 100x100x4	600	S235	7	4.20	11.70	7.02	49.14	0.39	0.23	1.62
21	21	Lz 80x80x4	100	S235	5	0.50	4.77	0.48	2.39	0.32	0.03	0.16
3	3	RK_z 100x100x4	1328	S235	1	1.33	11.70	15.54	15.54	0.39	0.51	0.51
4	4	RK_z 100x100x4	1218	S235	1	1.22	11.70	14.25	14.25	0.39	0.47	0.47
5	5	RK_z 100x100x4	1108	S235	1	1.11	11.70	12.96	12.96	0.39	0.43	0.43
6	6	RK_z 100x100x4	998	S235	1	1.00	11.70	11.68	11.68	0.39	0.39	0.39
7	7	RK_z 100x100x4	888	S235	1	0.89	11.70	10.39	10.39	0.39	0.34	0.34
8	8	RK_z 100x100x4	779	S235	1	0.78	11.70	9.12	9.12	0.39	0.30	0.30
9	9	RK_z 100x100x4	669	S235	1	0.67	11.70	7.83	7.83	0.39	0.26	0.26
GODZ/M									323.98			10.78
NADGATEK NA SPOINY: 1.8%									5.83			0.19
NADGATEK NA NIEROWNOŚCI: 2%									6.48			0.22
NADGATEK NA ELEM. DODATK.: 1.5%									4.86			0.16
PASTW									341.15			11.35
WYKONAC. z 10									3411.5			113.5

UWAGA: ZESTAWIENIE WYKONANO DLA NAJWIĘKSZEGO WYSIĘGU PODKONSTRUKCJI POZ.PS5

STAL KONSTRUKCYJNA: ST3S

UWAGI:
1. Spoiny nie opisane spawać spoiną 0,7 grubości cieńszego z łączonych elementów (nie więcej niż 16 mm) lub 0,2 grubości grubszego elementu (nie więcej niż 10 mm i nie mniej niż 2,5 mm)
2. Malowanie konstrukcji wg opisu technicznego
3. Rysunek rozpatrywać łącznie z projektami branżowymi i rysunkami gabarytowymi.
4. Wymiary w [mm]

PROJEKT WYKONAWCZY

Biuro Projektowe Architektoniczne Marcin Szczurowski
KRYTA PŁYWALNIA W KĘPNIE
ul. WAŁU WOJSKA POLSKIEGO, 63-600 KĘPNO
dz. nr. 5418, 5419, 5425, 5426, 5432, 5442, 1519/2, 1519/1, 5411/1, 5417/2, 5427, 5433, 5443, 1521/1 (ark. ewid. 300002_4 Kępno, obręb 0001 miasto Kępno

KB.12.2

BUDYNEK BASENOWY
PODKONSTRUKCJE ELEWACJI WENTYLOWANEJ
POZ.PS1 - PS5

SKALA: 1:30

BRANŻA: KONSTRUKCJA

PROJEKTANCI KONSTRUKCJI	mgr inż. Ilona Cybel upr. budowlane do proj. bez ograniczeń w SKOP/0027/POOK/13	
OPRACOWANIE	mgr inż. Patrycja Głowicz	
OPRACOWANIE	mgr inż. Krzysztof Drożowski	