

Beilage zu WP JAP2-SHA-03

Windpark Japons Repowering und Windkraftanlage Sabatenreith, Schattenwurfberechnung 2020-02

Schattenwurfzeiten pro Immissionspunkt IP und Windkraftanlage WKA

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
			(m)	(m)	(m)		
1/ 1	691842	406443	1.0	1.0	2.0	270.0	0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
1	690593	406705	13-04	18:13:03	18:18:10	00:05:08	10.48
1	690593	406705	14-04	18:08:33	18:22:11	00:13:37	77.61
1	690593	406705	15-04	18:06:05	18:24:11	00:18:06	100.00
1	690593	406705	16-04	18:04:16	18:25:34	00:21:18	100.00
1	690593	406705	17-04	18:02:50	18:26:35	00:23:44	100.00
1	690593	406705	18-04	18:01:41	18:27:19	00:25:37	100.00
1	690593	406705	19-04	18:00:45	18:27:50	00:27:05	100.00
1	690593	406705	20-04	18:00:01	18:28:11	00:28:11	100.00
1	690593	406705	21-04	17:59:25	18:28:23	00:28:58	100.00
1	690593	406705	22-04	17:58:59	18:28:27	00:29:28	100.00
1	690593	406705	23-04	17:58:41	18:28:24	00:29:43	100.00
1	690593	406705	24-04	17:58:30	18:28:13	00:29:43	100.00
1	690593	406705	25-04	17:58:27	18:27:56	00:29:29	100.00
1	690593	406705	26-04	17:58:30	18:27:31	00:29:01	100.00
1	690593	406705	27-04	17:58:42	18:27:00	00:28:18	100.00
1	690593	406705	28-04	17:59:01	18:26:22	00:27:20	100.00
1	690593	406705	29-04	17:59:30	18:25:35	00:26:05	100.00
1	690593	406705	30-04	18:00:08	18:24:40	00:24:32	100.00
1	690593	406705	01-05	18:00:57	18:23:34	00:22:36	100.00
1	690593	406705	02-05	18:02:01	18:22:16	00:20:15	100.00
1	690593	406705	03-05	18:03:24	18:20:40	00:17:16	100.00
1	690593	406705	04-05	18:05:18	18:18:34	00:13:16	69.22
1	690593	406705	05-05	18:08:31	18:15:09	00:06:38	16.61
1	690593	406705	06-08	18:16:26	18:25:38	00:09:12	32.12
1	690593	406705	07-08	18:13:38	18:28:12	00:14:34	84.12
1	690593	406705	08-08	18:11:42	18:29:53	00:18:10	100.00
1	690593	406705	09-08	18:10:12	18:31:07	00:20:56	100.00
1	690593	406705	10-08	18:08:57	18:32:05	00:23:08	100.00
1	690593	406705	11-08	18:07:54	18:32:51	00:24:57	100.00
1	690593	406705	12-08	18:07:01	18:33:25	00:26:25	100.00
1	690593	406705	13-08	18:06:15	18:33:50	00:27:35	100.00
1	690593	406705	14-08	18:05:37	18:34:06	00:28:29	100.00
1	690593	406705	15-08	18:05:06	18:34:14	00:29:08	100.00
1	690593	406705	16-08	18:04:42	18:34:15	00:29:33	100.00
1	690593	406705	17-08	18:04:23	18:34:07	00:29:45	100.00
1	690593	406705	18-08	18:04:10	18:33:52	00:29:43	100.00
1	690593	406705	19-08	18:04:04	18:33:30	00:29:26	100.00
1	690593	406705	20-08	18:04:05	18:32:58	00:28:54	100.00
1	690593	406705	21-08	18:04:13	18:32:18	00:28:05	100.00
1	690593	406705	22-08	18:04:31	18:31:29	00:26:58	100.00
1	690593	406705	23-08	18:04:58	18:30:28	00:25:30	100.00
1	690593	406705	24-08	18:05:38	18:29:13	00:23:36	100.00
1	690593	406705	25-08	18:06:33	18:27:42	00:21:09	100.00
1	690593	406705	26-08	18:07:51	18:25:48	00:17:57	100.00
1	690593	406705	27-08	18:09:47	18:23:15	00:13:28	75.17
1	690593	406705	28-08	18:13:46	18:18:39	00:04:53	9.41

Beilage zu WP JAP2-SHA-03

2	690536	406211	09-03	17:12:18	17:24:41	00:12:23	68.51
2	690536	406211	10-03	17:09:35	17:26:53	00:17:19	100.00
2	690536	406211	11-03	17:07:38	17:28:19	00:20:41	100.00
2	690536	406211	12-03	17:06:09	17:29:18	00:23:10	100.00
2	690536	406211	13-03	17:04:57	17:29:58	00:25:00	100.00
2	690536	406211	14-03	17:04:01	17:30:22	00:26:21	100.00
2	690536	406211	15-03	17:03:17	17:30:32	00:27:15	100.00
2	690536	406211	16-03	17:02:45	17:30:31	00:27:46	100.00
2	690536	406211	17-03	17:02:23	17:30:19	00:27:55	100.00
2	690536	406211	18-03	17:02:12	17:29:55	00:27:44	100.00
2	690536	406211	19-03	17:02:10	17:29:20	00:27:11	100.00
2	690536	406211	20-03	17:02:20	17:28:34	00:26:14	100.00
2	690536	406211	21-03	17:02:42	17:27:34	00:24:52	100.00
2	690536	406211	22-03	17:03:20	17:26:19	00:22:59	100.00
2	690536	406211	23-03	17:04:16	17:24:44	00:20:28	100.00
2	690536	406211	24-03	17:05:40	17:22:44	00:17:03	100.00
2	690536	406211	25-03	17:07:54	17:19:53	00:11:59	63.94
2	690536	406211	16-09	16:58:03	17:07:27	00:09:23	38.16
2	690536	406211	17-09	16:54:39	17:10:08	00:15:30	100.00
2	690536	406211	18-09	16:52:22	17:11:42	00:19:19	100.00
2	690536	406211	19-09	16:50:38	17:12:44	00:22:06	100.00
2	690536	406211	20-09	16:49:15	17:13:25	00:24:11	100.00
2	690536	406211	21-09	16:48:07	17:13:51	00:25:44	100.00
2	690536	406211	22-09	16:47:14	17:14:03	00:26:50	100.00
2	690536	406211	23-09	16:46:32	17:14:04	00:27:32	100.00
2	690536	406211	24-09	16:46:01	17:13:54	00:27:53	100.00
2	690536	406211	25-09	16:45:39	17:13:33	00:27:54	100.00
2	690536	406211	26-09	16:45:28	17:13:02	00:27:34	100.00
2	690536	406211	27-09	16:45:28	17:12:21	00:26:53	100.00
2	690536	406211	28-09	16:45:40	17:11:28	00:25:47	100.00
2	690536	406211	29-09	16:46:06	17:10:21	00:24:15	100.00
2	690536	406211	30-09	16:46:48	17:08:59	00:22:11	100.00
2	690536	406211	01-10	16:47:51	17:07:15	00:19:24	100.00
2	690536	406211	02-10	16:49:26	17:05:01	00:15:35	100.00
2	690536	406211	03-10	16:52:09	17:01:41	00:09:31	39.32
4	690538	407215	24-05	19:18:57	19:23:38	00:04:41	17.68
4	690538	407215	25-05	19:17:33	19:25:15	00:07:41	50.38
4	690538	407215	26-05	19:16:45	19:26:18	00:09:33	81.95
4	690538	407215	27-05	19:16:13	19:27:06	00:10:53	100.00
4	690538	407215	28-05	19:15:52	19:27:44	00:11:52	100.00
4	690538	407215	29-05	19:15:39	19:28:15	00:12:36	100.00
4	690538	407215	30-05	19:15:31	19:28:40	00:13:09	100.00
4	690538	407215	31-05	19:15:29	19:29:01	00:13:32	100.00
4	690538	407215	01-06	19:15:31	19:29:19	00:13:48	100.00
4	690538	407215	02-06	19:15:36	19:29:34	00:13:58	100.00
4	690538	407215	03-06	19:15:44	19:29:47	00:14:03	100.00
4	690538	407215	04-06	19:15:55	19:29:57	00:14:03	100.00
4	690538	407215	05-06	19:16:07	19:30:06	00:13:59	100.00
4	690538	407215	06-06	19:16:21	19:30:14	00:13:53	100.00
4	690538	407215	07-06	19:16:37	19:30:21	00:13:44	100.00
4	690538	407215	08-06	19:16:54	19:30:26	00:13:33	100.00
4	690538	407215	09-06	19:17:11	19:30:32	00:13:20	100.00
4	690538	407215	10-06	19:17:30	19:30:37	00:13:07	100.00
4	690538	407215	11-06	19:17:49	19:30:42	00:12:53	100.00
4	690538	407215	12-06	19:18:08	19:30:47	00:12:38	100.00
4	690538	407215	13-06	19:18:28	19:30:52	00:12:24	100.00
4	690538	407215	14-06	19:18:47	19:30:58	00:12:11	100.00

Beilage zu WP JAP2-SHA-03

4	690538	407215	15-06	19:19:05	19:31:04	00:11:59	100.00
4	690538	407215	16-06	19:19:23	19:31:12	00:11:48	100.00
4	690538	407215	17-06	19:19:41	19:31:20	00:11:39	100.00
4	690538	407215	18-06	19:19:57	19:31:30	00:11:33	100.00
4	690538	407215	19-06	19:20:12	19:31:40	00:11:29	100.00
4	690538	407215	20-06	19:20:25	19:31:52	00:11:27	100.00
4	690538	407215	21-06	19:20:38	19:32:06	00:11:28	100.00
4	690538	407215	22-06	19:20:49	19:32:20	00:11:31	100.00
4	690538	407215	23-06	19:20:59	19:32:36	00:11:37	100.00
4	690538	407215	24-06	19:21:08	19:32:53	00:11:45	100.00
4	690538	407215	25-06	19:21:16	19:33:11	00:11:55	100.00
4	690538	407215	26-06	19:21:23	19:33:30	00:12:07	100.00
4	690538	407215	27-06	19:21:29	19:33:49	00:12:20	100.00
4	690538	407215	28-06	19:21:35	19:34:08	00:12:33	100.00
4	690538	407215	29-06	19:21:40	19:34:28	00:12:48	100.00
4	690538	407215	30-06	19:21:45	19:34:47	00:13:02	100.00
4	690538	407215	01-07	19:21:50	19:35:06	00:13:16	100.00
4	690538	407215	02-07	19:21:55	19:35:24	00:13:29	100.00
4	690538	407215	03-07	19:22:00	19:35:41	00:13:40	100.00
4	690538	407215	04-07	19:22:06	19:35:56	00:13:50	100.00
4	690538	407215	05-07	19:22:13	19:36:11	00:13:57	100.00
4	690538	407215	06-07	19:22:21	19:36:23	00:14:02	100.00
4	690538	407215	07-07	19:22:30	19:36:33	00:14:03	100.00
4	690538	407215	08-07	19:22:40	19:36:41	00:14:01	100.00
4	690538	407215	09-07	19:22:52	19:36:46	00:13:53	100.00
4	690538	407215	10-07	19:23:07	19:36:47	00:13:40	100.00
4	690538	407215	11-07	19:23:25	19:36:44	00:13:20	100.00
4	690538	407215	12-07	19:23:46	19:36:37	00:12:51	100.00
4	690538	407215	13-07	19:24:12	19:36:24	00:12:12	100.00
4	690538	407215	14-07	19:24:43	19:36:03	00:11:20	100.00
4	690538	407215	15-07	19:25:23	19:35:33	00:10:11	94.79
4	690538	407215	16-07	19:26:15	19:34:50	00:08:35	64.01
4	690538	407215	17-07	19:27:29	19:33:44	00:06:15	32.11

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
			(m)	(m)	(m)		
2/ 1	691509	404307	1.0	1.0	2.0	310.0	0.0

Kein Schattenwurf an diesem Fenster

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
			(m)	(m)	(m)		
3/ 1	688685	405574	1.0	1.0	2.0	100.0	0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
3	690225	405342	11-03	06:48:50	06:53:50	00:05:00	12.41
3	690225	405342	12-03	06:44:41	06:57:27	00:12:46	86.68
3	690225	405342	13-03	06:42:24	06:59:11	00:16:48	100.00
3	690225	405342	14-03	06:40:44	07:00:17	00:19:33	100.00
3	690225	405342	15-03	06:39:28	07:00:59	00:21:31	100.00
3	690225	405342	16-03	06:38:30	07:01:23	00:22:53	100.00
3	690225	405342	17-03	06:37:47	07:01:32	00:23:45	100.00
3	690225	405342	18-03	06:37:16	07:01:27	00:24:11	100.00
3	690225	405342	19-03	06:36:59	07:01:10	00:24:11	100.00

Beilage zu WP JAP2-SHA-03

3	690225	405342	20-03	06:36:53	07:00:39	00:23:46	100.00
3	690225	405342	21-03	06:37:01	06:59:55	00:22:54	100.00
3	690225	405342	22-03	06:37:24	06:58:57	00:21:33	100.00
3	690225	405342	23-03	06:38:04	06:57:40	00:19:36	100.00
3	690225	405342	24-03	06:39:09	06:55:59	00:16:51	100.00
3	690225	405342	25-03	06:40:52	06:53:40	00:12:48	84.12
3	690225	405342	26-03	06:44:38	06:49:21	00:04:43	10.39
3	690225	405342	17-09	06:30:00	06:41:34	00:11:34	67.03
3	690225	405342	18-09	06:27:24	06:43:26	00:16:02	100.00
3	690225	405342	19-09	06:25:34	06:44:33	00:18:59	100.00
3	690225	405342	20-09	06:24:09	06:45:15	00:21:06	100.00
3	690225	405342	21-09	06:23:03	06:45:38	00:22:35	100.00
3	690225	405342	22-09	06:22:12	06:45:46	00:23:34	100.00
3	690225	405342	23-09	06:21:35	06:45:41	00:24:07	100.00
3	690225	405342	24-09	06:21:10	06:45:24	00:24:14	100.00
3	690225	405342	25-09	06:20:57	06:44:55	00:23:58	100.00
3	690225	405342	26-09	06:20:57	06:44:13	00:23:16	100.00
3	690225	405342	27-09	06:21:11	06:43:18	00:22:07	100.00
3	690225	405342	28-09	06:21:41	06:42:07	00:20:26	100.00
3	690225	405342	29-09	06:22:33	06:40:36	00:18:03	100.00
3	690225	405342	30-09	06:23:54	06:38:37	00:14:43	100.00
3	690225	405342	01-10	06:26:13	06:35:39	00:09:25	45.03

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
4/ 1	689030	407010	(m) 1.0	(m) 1.0	(m) 2.0	100.0	0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
1	690593	406705	07-03	06:57:04	07:02:17	00:05:13	13.72
1	690593	406705	08-03	06:53:04	07:05:47	00:12:42	87.43
1	690593	406705	09-03	06:50:51	07:07:29	00:16:38	100.00
1	690593	406705	10-03	06:49:14	07:08:34	00:19:20	100.00
1	690593	406705	11-03	06:48:01	07:09:16	00:21:14	100.00
1	690593	406705	12-03	06:47:06	07:09:39	00:22:33	100.00
1	690593	406705	13-03	06:46:25	07:09:47	00:23:22	100.00
1	690593	406705	14-03	06:45:58	07:09:42	00:23:44	100.00
1	690593	406705	15-03	06:45:43	07:09:23	00:23:40	100.00
1	690593	406705	16-03	06:45:40	07:08:51	00:23:11	100.00
1	690593	406705	17-03	06:45:51	07:08:06	00:22:14	100.00
1	690593	406705	18-03	06:46:18	07:07:04	00:20:46	100.00
1	690593	406705	19-03	06:47:04	07:05:43	00:18:39	100.00
1	690593	406705	20-03	06:48:17	07:03:55	00:15:38	100.00
1	690593	406705	21-03	06:50:19	07:01:17	00:10:58	61.81
1	690593	406705	21-09	06:37:09	06:46:14	00:09:05	41.09
1	690593	406705	22-09	06:34:04	06:48:35	00:14:31	100.00
1	690593	406705	23-09	06:32:03	06:49:54	00:17:51	100.00
1	690593	406705	24-09	06:30:32	06:50:42	00:20:11	100.00
1	690593	406705	25-09	06:29:22	06:51:11	00:21:49	100.00
1	690593	406705	26-09	06:28:28	06:51:23	00:22:55	100.00
1	690593	406705	27-09	06:27:48	06:51:22	00:23:34	100.00
1	690593	406705	28-09	06:27:21	06:51:08	00:23:47	100.00
1	690593	406705	29-09	06:27:07	06:50:42	00:23:35	100.00
1	690593	406705	30-09	06:27:06	06:50:03	00:22:58	100.00
1	690593	406705	01-10	06:27:19	06:49:12	00:21:53	100.00
1	690593	406705	02-10	06:27:48	06:48:04	00:20:16	100.00
1	690593	406705	03-10	06:28:37	06:46:37	00:17:59	100.00

Beilage zu WP JAP2-SHA-03

1	690593	406705	04-10	06:29:56	06:44:43	00:14:48	100.00
1	690593	406705	05-10	06:32:08	06:41:55	00:09:47	49.67
2	690536	406211	08-02	07:51:48	08:00:34	00:08:46	40.06
2	690536	406211	09-02	07:49:30	08:02:56	00:13:26	100.00
2	690536	406211	10-02	07:47:59	08:04:28	00:16:29	100.00
2	690536	406211	11-02	07:46:53	08:05:34	00:18:41	100.00
2	690536	406211	12-02	07:46:03	08:06:24	00:20:20	100.00
2	690536	406211	13-02	07:45:27	08:06:59	00:21:32	100.00
2	690536	406211	14-02	07:45:01	08:07:21	00:22:19	100.00
2	690536	406211	15-02	07:44:46	08:07:32	00:22:45	100.00
2	690536	406211	16-02	07:44:41	08:07:31	00:22:50	100.00
2	690536	406211	17-02	07:44:46	08:07:19	00:22:33	100.00
2	690536	406211	18-02	07:45:01	08:06:55	00:21:54	100.00
2	690536	406211	19-02	07:45:29	08:06:18	00:20:49	100.00
2	690536	406211	20-02	07:46:11	08:05:26	00:19:15	100.00
2	690536	406211	21-02	07:47:11	08:04:13	00:17:02	100.00
2	690536	406211	22-02	07:48:40	08:02:31	00:13:51	100.00
2	690536	406211	23-02	07:51:08	07:59:50	00:08:41	39.70
2	690536	406211	19-10	07:21:25	07:32:31	00:11:06	66.29
2	690536	406211	20-10	07:19:10	07:34:23	00:15:12	100.00
2	690536	406211	21-10	07:17:38	07:35:34	00:17:56	100.00
2	690536	406211	22-10	07:16:30	07:36:22	00:19:52	100.00
2	690536	406211	23-10	07:15:40	07:36:55	00:21:15	100.00
2	690536	406211	24-10	07:15:04	07:37:14	00:22:10	100.00
2	690536	406211	25-10	07:14:41	07:37:23	00:22:41	100.00
2	690536	406211	26-10	07:14:30	07:37:21	00:22:51	100.00
2	690536	406211	27-10	07:14:29	07:37:10	00:22:41	100.00
2	690536	406211	28-10	07:14:40	07:36:50	00:22:09	100.00
2	690536	406211	29-10	07:15:03	07:36:19	00:21:17	100.00
2	690536	406211	30-10	07:15:38	07:35:38	00:19:59	100.00
2	690536	406211	31-10	07:16:28	07:34:43	00:18:14	100.00
2	690536	406211	01-11	07:17:38	07:33:32	00:15:54	100.00
2	690536	406211	02-11	07:19:16	07:31:54	00:12:39	87.21
2	690536	406211	03-11	07:21:53	07:29:18	00:07:25	28.16
4	690538	407215	08-04	05:45:12	05:52:53	00:07:41	59.07
4	690538	407215	09-04	05:43:25	05:54:05	00:10:40	100.00
4	690538	407215	10-04	05:42:21	05:54:38	00:12:17	100.00
4	690538	407215	11-04	05:41:42	05:54:45	00:13:02	100.00
4	690538	407215	12-04	05:41:26	05:54:31	00:13:05	100.00
4	690538	407215	13-04	05:41:30	05:53:56	00:12:26	100.00
4	690538	407215	14-04	05:41:59	05:52:58	00:10:59	100.00
4	690538	407215	15-04	05:43:04	05:51:24	00:08:20	66.39
4	690538	407215	16-04	05:46:56	05:47:15	00:00:19	0.09
4	690538	407215	26-08	05:48:26	05:49:43	00:01:17	1.44
4	690538	407215	27-08	05:44:30	05:52:53	00:08:22	66.41
4	690538	407215	28-08	05:42:54	05:53:53	00:10:59	100.00
4	690538	407215	29-08	05:41:52	05:54:18	00:12:26	100.00
4	690538	407215	30-08	05:41:14	05:54:19	00:13:05	100.00
4	690538	407215	31-08	05:40:56	05:53:59	00:13:04	100.00
4	690538	407215	01-09	05:40:57	05:53:20	00:12:23	100.00
4	690538	407215	02-09	05:41:23	05:52:15	00:10:52	100.00
4	690538	407215	03-09	05:42:28	05:50:33	00:08:05	65.66

IP/ Fenster	x BMN	y BMN	Breite (m)	Höhe (m)	Bodenabstand (m)	Blickwinkel	Neigung
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Beilage zu WP JAP2-SHA-03

5/ 1 689453 407914 1.0 1.0 2.0 130.0 0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
1	690593	406705	01-01	08:54:04	09:03:54	00:09:50	100.00
1	690593	406705	02-01	08:53:21	09:04:28	00:11:07	100.00
1	690593	406705	03-01	08:52:31	09:05:03	00:12:31	100.00
1	690593	406705	04-01	08:51:34	09:05:36	00:14:02	100.00
1	690593	406705	05-01	08:50:29	09:06:09	00:15:40	100.00
1	690593	406705	06-01	08:49:15	09:06:40	00:17:24	100.00
1	690593	406705	07-01	08:47:54	09:07:10	00:19:16	100.00
1	690593	406705	08-01	08:46:24	09:07:38	00:21:14	100.00
1	690593	406705	09-01	08:44:45	09:08:04	00:23:19	100.00
1	690593	406705	10-01	08:43:54	09:08:28	00:24:34	100.00
1	690593	406705	11-01	08:44:22	09:08:49	00:24:27	100.00
1	690593	406705	12-01	08:44:51	09:09:07	00:24:16	100.00
1	690593	406705	13-01	08:45:23	09:09:22	00:23:59	100.00
1	690593	406705	14-01	08:45:57	09:09:33	00:23:36	100.00
1	690593	406705	15-01	08:46:34	09:09:40	00:23:06	100.00
1	690593	406705	16-01	08:47:15	09:09:43	00:22:27	100.00
1	690593	406705	17-01	08:48:00	09:09:40	00:21:39	100.00
1	690593	406705	18-01	08:48:51	09:09:30	00:20:39	100.00
1	690593	406705	19-01	08:49:47	09:09:13	00:19:25	100.00
1	690593	406705	20-01	08:50:52	09:08:46	00:17:53	100.00
1	690593	406705	21-01	08:52:09	09:08:06	00:15:57	100.00
1	690593	406705	22-01	08:53:43	09:07:08	00:13:25	90.07
1	690593	406705	23-01	08:55:49	09:05:38	00:09:49	46.35
1	690593	406705	24-01	09:00:08	09:01:55	00:01:47	1.48
1	690593	406705	18-11	08:32:15	08:36:25	00:04:10	8.20
1	690593	406705	19-11	08:29:17	08:39:43	00:10:26	52.37
1	690593	406705	20-11	08:27:48	08:41:37	00:13:48	95.43
1	690593	406705	21-11	08:26:49	08:43:03	00:16:14	100.00
1	690593	406705	22-11	08:26:08	08:44:14	00:18:05	100.00
1	690593	406705	23-11	08:25:39	08:45:14	00:19:35	100.00
1	690593	406705	24-11	08:25:20	08:46:06	00:20:46	100.00
1	690593	406705	25-11	08:25:09	08:46:53	00:21:45	100.00
1	690593	406705	26-11	08:25:03	08:47:35	00:22:32	100.00
1	690593	406705	27-11	08:25:04	08:48:13	00:23:09	100.00
1	690593	406705	28-11	08:25:09	08:48:48	00:23:38	100.00
1	690593	406705	29-11	08:25:19	08:49:20	00:24:01	100.00
1	690593	406705	30-11	08:25:32	08:49:49	00:24:17	100.00
1	690593	406705	01-12	08:25:49	08:50:17	00:24:28	100.00
1	690593	406705	02-12	08:26:09	08:50:43	00:24:34	100.00
1	690593	406705	03-12	08:27:54	08:51:08	00:23:13	100.00
1	690593	406705	04-12	08:30:22	08:51:31	00:21:09	100.00
1	690593	406705	05-12	08:32:42	08:51:54	00:19:12	100.00
1	690593	406705	06-12	08:34:55	08:52:16	00:17:21	100.00
1	690593	406705	07-12	08:36:59	08:52:37	00:15:37	100.00
1	690593	406705	08-12	08:38:58	08:52:58	00:14:00	100.00
1	690593	406705	09-12	08:40:50	08:53:19	00:12:29	100.00
1	690593	406705	10-12	08:42:34	08:53:40	00:11:06	100.00
1	690593	406705	11-12	08:44:12	08:54:01	00:09:49	100.00
1	690593	406705	12-12	08:45:43	08:54:22	00:08:39	100.00
1	690593	406705	13-12	08:47:08	08:54:44	00:07:36	100.00
1	690593	406705	14-12	08:48:26	08:55:07	00:06:40	100.00
1	690593	406705	15-12	08:49:38	08:55:30	00:05:52	100.00
1	690593	406705	16-12	08:50:44	08:55:53	00:05:09	100.00
1	690593	406705	17-12	08:51:43	08:56:18	00:04:35	100.00
1	690593	406705	18-12	08:52:36	08:56:44	00:04:09	100.00

Beilage zu WP JAP2-SHA-03

1	690593	406705	19-12	08:53:22	08:57:11	00:03:49	100.00
1	690593	406705	20-12	08:54:02	08:57:39	00:03:37	100.00
1	690593	406705	21-12	08:54:36	08:58:09	00:03:32	100.00
1	690593	406705	22-12	08:55:04	08:58:39	00:03:35	100.00
1	690593	406705	23-12	08:55:25	08:59:10	00:03:45	100.00
1	690593	406705	24-12	08:55:39	08:59:42	00:04:03	100.00
1	690593	406705	25-12	08:55:47	09:00:15	00:04:28	100.00
1	690593	406705	26-12	08:55:49	09:00:49	00:05:00	100.00
1	690593	406705	27-12	08:55:43	09:01:24	00:05:41	100.00
1	690593	406705	28-12	08:55:31	09:01:59	00:06:28	100.00
1	690593	406705	29-12	08:55:12	09:02:34	00:07:22	100.00
1	690593	406705	30-12	08:54:46	09:03:10	00:08:24	100.00
1	690593	406705	31-12	08:54:13	09:03:45	00:09:32	100.00
4	690538	407215	04-02	08:16:16	08:18:25	00:02:09	100.00
4	690538	407215	05-02	08:11:29	08:19:22	00:07:53	100.00
4	690538	407215	06-02	08:06:24	08:20:00	00:13:36	100.00
4	690538	407215	07-02	08:05:10	08:20:23	00:15:13	100.00
4	690538	407215	08-02	08:05:08	08:20:32	00:15:23	100.00
4	690538	407215	09-02	08:05:20	08:20:26	00:15:07	100.00
4	690538	407215	10-02	08:05:45	08:20:05	00:14:20	100.00
4	690538	407215	11-02	08:06:28	08:19:25	00:12:57	100.00
4	690538	407215	12-02	08:07:36	08:18:18	00:10:42	98.40
4	690538	407215	13-02	08:09:36	08:16:21	00:06:45	35.14
4	690538	407215	29-10	07:38:21	07:46:33	00:08:12	53.07
4	690538	407215	30-10	07:36:39	07:48:06	00:11:26	100.00
4	690538	407215	31-10	07:35:38	07:49:01	00:13:23	100.00
4	690538	407215	01-11	07:34:59	07:49:35	00:14:35	100.00
4	690538	407215	02-11	07:34:39	07:49:53	00:15:14	100.00
4	690538	407215	03-11	07:34:33	07:49:58	00:15:24	100.00
4	690538	407215	04-11	07:34:42	07:49:50	00:15:08	100.00
4	690538	407215	05-11	07:37:02	07:49:30	00:12:28	100.00
4	690538	407215	06-11	07:42:07	07:48:56	00:06:49	100.00
4	690538	407215	07-11	07:46:56	07:48:05	00:01:08	100.00

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
6/ 1	691718	407840	(m) 1.0	(m) 1.0	(m) 2.0	230.0	0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
1	690593	406705	01-01	15:05:00	15:29:17	00:24:16	100.00
1	690593	406705	02-01	15:05:22	15:29:52	00:24:30	100.00
1	690593	406705	03-01	15:05:44	15:30:26	00:24:42	100.00
1	690593	406705	04-01	15:06:06	15:31:00	00:24:54	100.00
1	690593	406705	05-01	15:06:28	15:31:33	00:25:05	100.00
1	690593	406705	06-01	15:06:50	15:32:04	00:25:14	100.00
1	690593	406705	07-01	15:07:13	15:32:34	00:25:21	100.00
1	690593	406705	08-01	15:07:37	15:33:02	00:25:25	100.00
1	690593	406705	09-01	15:08:02	15:33:28	00:25:27	100.00
1	690593	406705	10-01	15:08:28	15:33:52	00:25:25	100.00
1	690593	406705	11-01	15:08:55	15:34:13	00:25:18	100.00
1	690593	406705	12-01	15:09:24	15:34:32	00:25:07	100.00
1	690593	406705	13-01	15:09:55	15:34:47	00:24:51	100.00
1	690593	406705	14-01	15:10:29	15:34:58	00:24:29	100.00
1	690593	406705	15-01	15:11:04	15:35:05	00:24:00	100.00
1	690593	406705	16-01	15:11:43	15:35:07	00:23:24	100.00

Beilage zu WP JAP2-SHA-03

1	690593	406705	17-01	15:12:26	15:35:03	00:22:38	100.00
1	690593	406705	18-01	15:13:13	15:34:54	00:21:41	100.00
1	690593	406705	19-01	15:14:05	15:34:38	00:20:32	100.00
1	690593	406705	20-01	15:15:05	15:34:13	00:19:07	100.00
1	690593	406705	21-01	15:16:15	15:33:37	00:17:22	100.00
1	690593	406705	22-01	15:17:38	15:32:45	00:15:07	100.00
1	690593	406705	23-01	15:19:24	15:31:29	00:12:05	70.37
1	690593	406705	24-01	15:21:59	15:29:22	00:07:23	25.19
1	690593	406705	17-11	14:56:19	15:01:13	00:04:53	10.88
1	690593	406705	18-11	14:53:33	15:04:25	00:10:52	55.85
1	690593	406705	19-11	14:52:07	15:06:21	00:14:14	99.73
1	690593	406705	20-11	14:51:08	15:07:49	00:16:40	100.00
1	690593	406705	21-11	14:50:27	15:09:02	00:18:34	100.00
1	690593	406705	22-11	14:49:58	15:10:03	00:20:05	100.00
1	690593	406705	23-11	14:49:39	15:10:58	00:21:19	100.00
1	690593	406705	24-11	14:49:27	15:11:46	00:22:19	100.00
1	690593	406705	25-11	14:49:21	15:12:30	00:23:08	100.00
1	690593	406705	26-11	14:49:21	15:13:09	00:23:48	100.00
1	690593	406705	27-11	14:49:26	15:13:45	00:24:19	100.00
1	690593	406705	28-11	14:49:34	15:14:18	00:24:44	100.00
1	690593	406705	29-11	14:49:47	15:14:49	00:25:02	100.00
1	690593	406705	30-11	14:50:02	15:15:17	00:25:15	100.00
1	690593	406705	01-12	14:50:21	15:15:43	00:25:23	100.00
1	690593	406705	02-12	14:50:42	15:16:08	00:25:27	100.00
1	690593	406705	03-12	14:51:05	15:16:32	00:25:27	100.00
1	690593	406705	04-12	14:51:31	15:16:55	00:25:23	100.00
1	690593	406705	05-12	14:51:59	15:17:16	00:25:18	100.00
1	690593	406705	06-12	14:52:28	15:17:38	00:25:09	100.00
1	690593	406705	07-12	14:52:59	15:17:58	00:24:59	100.00
1	690593	406705	08-12	14:53:31	15:18:19	00:24:48	100.00
1	690593	406705	09-12	14:54:04	15:18:39	00:24:36	100.00
1	690593	406705	10-12	14:54:37	15:18:59	00:24:22	100.00
1	690593	406705	11-12	14:55:11	15:19:20	00:24:09	100.00
1	690593	406705	12-12	14:55:46	15:19:42	00:23:56	100.00
1	690593	406705	13-12	14:56:20	15:20:03	00:23:43	100.00
1	690593	406705	14-12	14:56:55	15:20:26	00:23:31	100.00
1	690593	406705	15-12	14:57:29	15:20:49	00:23:20	100.00
1	690593	406705	16-12	14:58:03	15:21:13	00:23:10	100.00
1	690593	406705	17-12	14:58:36	15:21:38	00:23:01	100.00
1	690593	406705	18-12	14:59:09	15:22:04	00:22:55	100.00
1	690593	406705	19-12	14:59:41	15:22:31	00:22:50	100.00
1	690593	406705	20-12	15:00:12	15:22:59	00:22:47	100.00
1	690593	406705	21-12	15:00:42	15:23:29	00:22:47	100.00
1	690593	406705	22-12	15:01:11	15:23:59	00:22:48	100.00
1	690593	406705	23-12	15:01:40	15:24:31	00:22:51	100.00
1	690593	406705	24-12	15:02:07	15:25:03	00:22:57	100.00
1	690593	406705	25-12	15:02:33	15:25:37	00:23:04	100.00
1	690593	406705	26-12	15:02:59	15:26:11	00:23:12	100.00
1	690593	406705	27-12	15:03:23	15:26:46	00:23:23	100.00
1	690593	406705	28-12	15:03:47	15:27:21	00:23:34	100.00
1	690593	406705	29-12	15:04:10	15:27:57	00:23:47	100.00
1	690593	406705	30-12	15:04:33	15:28:33	00:23:59	100.00
1	690593	406705	31-12	15:04:55	15:29:08	00:24:13	100.00
4	690538	407215	08-02	16:27:01	16:35:01	00:07:59	54.15
4	690538	407215	09-02	16:25:33	16:36:38	00:11:05	100.00
4	690538	407215	10-02	16:24:39	16:37:37	00:12:58	100.00
4	690538	407215	11-02	16:24:06	16:38:13	00:14:07	100.00
4	690538	407215	12-02	16:23:49	16:38:30	00:14:41	100.00

Beilage zu WP JAP2-SHA-03

4	690538	407215	13-02	16:23:47	16:38:31	00:14:44	100.00
4	690538	407215	14-02	16:23:59	16:38:16	00:14:16	100.00
4	690538	407215	15-02	16:24:27	16:37:41	00:13:14	100.00
4	690538	407215	16-02	16:25:16	16:36:42	00:11:26	100.00
4	690538	407215	17-02	16:26:43	16:35:08	00:08:25	62.21
4	690538	407215	24-10	15:56:44	16:05:18	00:08:34	64.20
4	690538	407215	25-10	15:55:10	16:06:39	00:11:29	100.00
4	690538	407215	26-10	15:54:12	16:07:27	00:13:15	100.00
4	690538	407215	27-10	15:53:37	16:07:54	00:14:17	100.00
4	690538	407215	28-10	15:53:19	16:08:03	00:14:44	100.00
4	690538	407215	29-10	15:53:15	16:07:58	00:14:43	100.00
4	690538	407215	30-10	15:53:28	16:07:38	00:14:10	100.00
4	690538	407215	31-10	15:53:58	16:07:02	00:13:04	100.00
4	690538	407215	01-11	15:54:50	16:06:05	00:11:15	100.00
4	690538	407215	02-11	15:56:16	16:04:34	00:08:19	58.70

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
			(m)	(m)	(m)		
7/ 1	692049	406477	1.0	1.0	2.0	270.0	0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
1	690593	406705	08-04	18:05:23	18:14:00	00:08:37	34.83
1	690593	406705	09-04	18:02:12	18:16:40	00:14:28	100.00
1	690593	406705	10-04	18:00:08	18:18:13	00:18:05	100.00
1	690593	406705	11-04	17:58:36	18:19:16	00:20:40	100.00
1	690593	406705	12-04	17:57:24	18:19:59	00:22:35	100.00
1	690593	406705	13-04	17:56:27	18:20:26	00:23:59	100.00
1	690593	406705	14-04	17:55:44	18:20:41	00:24:58	100.00
1	690593	406705	15-04	17:55:11	18:20:45	00:25:34	100.00
1	690593	406705	16-04	17:54:49	18:20:40	00:25:50	100.00
1	690593	406705	17-04	17:54:37	18:20:25	00:25:47	100.00
1	690593	406705	18-04	17:54:34	18:20:01	00:25:27	100.00
1	690593	406705	19-04	17:54:40	18:19:27	00:24:47	100.00
1	690593	406705	20-04	17:54:57	18:18:44	00:23:47	100.00
1	690593	406705	21-04	17:55:26	18:17:49	00:22:24	100.00
1	690593	406705	22-04	17:56:08	18:16:42	00:20:34	100.00
1	690593	406705	23-04	17:57:08	18:15:18	00:18:10	100.00
1	690593	406705	24-04	17:58:32	18:13:31	00:14:59	100.00
1	690593	406705	25-04	18:00:44	18:10:58	00:10:14	47.71
1	690593	406705	16-08	18:06:32	18:17:46	00:11:15	57.71
1	690593	406705	17-08	18:04:09	18:19:43	00:15:34	100.00
1	690593	406705	18-08	18:02:26	18:21:00	00:18:34	100.00
1	690593	406705	19-08	18:01:04	18:21:55	00:20:51	100.00
1	690593	406705	20-08	17:59:58	18:22:34	00:22:36	100.00
1	690593	406705	21-08	17:59:04	18:22:59	00:23:55	100.00
1	690593	406705	22-08	17:58:20	18:23:13	00:24:53	100.00
1	690593	406705	23-08	17:57:46	18:23:16	00:25:30	100.00
1	690593	406705	24-08	17:57:21	18:23:10	00:25:49	100.00
1	690593	406705	25-08	17:57:03	18:22:54	00:25:51	100.00
1	690593	406705	26-08	17:56:54	18:22:28	00:25:34	100.00
1	690593	406705	27-08	17:56:54	18:21:51	00:24:57	100.00
1	690593	406705	28-08	17:57:05	18:21:04	00:23:59	100.00
1	690593	406705	29-08	17:57:27	18:20:04	00:22:36	100.00
1	690593	406705	30-08	17:58:04	18:18:48	00:20:44	100.00
1	690593	406705	31-08	17:59:00	18:17:12	00:18:12	100.00
1	690593	406705	01-09	18:00:26	18:15:07	00:14:41	100.00

Beilage zu WP JAP2-SHA-03

1	690593	406705	02-09	18:02:52	18:12:01	00:09:09	39.08
2	690536	406211	08-03	17:19:18	17:22:35	00:03:17	5.24
2	690536	406211	09-03	17:14:31	17:26:52	00:12:21	79.19
2	690536	406211	10-03	17:12:09	17:28:43	00:16:34	100.00
2	690536	406211	11-03	17:10:28	17:29:55	00:19:27	100.00
2	690536	406211	12-03	17:09:11	17:30:41	00:21:30	100.00
2	690536	406211	13-03	17:08:12	17:31:08	00:22:56	100.00
2	690536	406211	14-03	17:07:28	17:31:19	00:23:52	100.00
2	690536	406211	15-03	17:06:56	17:31:17	00:24:21	100.00
2	690536	406211	16-03	17:06:37	17:31:03	00:24:25	100.00
2	690536	406211	17-03	17:06:29	17:30:36	00:24:06	100.00
2	690536	406211	18-03	17:06:33	17:29:55	00:23:22	100.00
2	690536	406211	19-03	17:06:52	17:29:00	00:22:09	100.00
2	690536	406211	20-03	17:07:26	17:27:49	00:20:23	100.00
2	690536	406211	21-03	17:08:22	17:26:16	00:17:54	100.00
2	690536	406211	22-03	17:09:49	17:24:12	00:14:22	100.00
2	690536	406211	23-03	17:12:26	17:20:59	00:08:33	36.63
2	690536	406211	18-09	17:02:05	17:06:23	00:04:18	8.97
2	690536	406211	19-09	16:57:36	17:10:09	00:12:32	81.35
2	690536	406211	20-09	16:55:12	17:11:50	00:16:39	100.00
2	690536	406211	21-09	16:53:27	17:12:53	00:19:27	100.00
2	690536	406211	22-09	16:52:06	17:13:34	00:21:28	100.00
2	690536	406211	23-09	16:51:02	17:13:56	00:22:53	100.00
2	690536	406211	24-09	16:50:14	17:14:03	00:23:50	100.00
2	690536	406211	25-09	16:49:38	17:13:58	00:24:20	100.00
2	690536	406211	26-09	16:49:14	17:13:41	00:24:27	100.00
2	690536	406211	27-09	16:49:01	17:13:12	00:24:11	100.00
2	690536	406211	28-09	16:49:02	17:12:31	00:23:30	100.00
2	690536	406211	29-09	16:49:15	17:11:37	00:22:21	100.00
2	690536	406211	30-09	16:49:45	17:10:27	00:20:41	100.00
2	690536	406211	01-10	16:50:35	17:08:57	00:18:22	100.00
2	690536	406211	02-10	16:51:54	17:06:58	00:15:04	100.00
2	690536	406211	03-10	16:54:09	17:04:06	00:09:57	49.70

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
8/ 1	689047	407068	(m) 1.0	(m) 1.0	(m) 2.0	100.0	0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
1	690593	406705	04-03	07:01:12	07:12:26	00:11:14	66.64
1	690593	406705	05-03	06:58:44	07:14:26	00:15:42	100.00
1	690593	406705	06-03	06:57:00	07:15:40	00:18:40	100.00
1	690593	406705	07-03	06:55:43	07:16:30	00:20:47	100.00
1	690593	406705	08-03	06:54:44	07:16:59	00:22:16	100.00
1	690593	406705	09-03	06:53:59	07:17:14	00:23:14	100.00
1	690593	406705	10-03	06:53:29	07:17:14	00:23:45	100.00
1	690593	406705	11-03	06:53:11	07:17:01	00:23:50	100.00
1	690593	406705	12-03	06:53:05	07:16:35	00:23:30	100.00
1	690593	406705	13-03	06:53:12	07:15:55	00:22:43	100.00
1	690593	406705	14-03	06:53:33	07:15:01	00:21:27	100.00
1	690593	406705	15-03	06:54:12	07:13:48	00:19:36	100.00
1	690593	406705	16-03	06:55:14	07:12:12	00:16:58	100.00
1	690593	406705	17-03	06:56:53	07:09:59	00:13:05	90.68
1	690593	406705	18-03	07:00:16	07:06:03	00:05:47	16.19
1	690593	406705	25-09	06:41:04	06:52:25	00:11:21	65.93

Beilage zu WP JAP2-SHA-03

1	690593	406705	26-09	06:38:28 06:54:18 00:15:50	100.00
1	690593	406705	27-09	06:36:39 06:55:26 00:18:47	100.00
1	690593	406705	28-09	06:35:17 06:56:08 00:20:51	100.00
1	690593	406705	29-09	06:34:13 06:56:32 00:22:18	100.00
1	690593	406705	30-09	06:33:25 06:56:40 00:23:15	100.00
1	690593	406705	01-10	06:32:50 06:56:36 00:23:46	100.00
1	690593	406705	02-10	06:32:28 06:56:19 00:23:51	100.00
1	690593	406705	03-10	06:32:19 06:55:51 00:23:32	100.00
1	690593	406705	04-10	06:32:23 06:55:10 00:22:47	100.00
1	690593	406705	05-10	06:32:41 06:54:16 00:21:35	100.00
1	690593	406705	06-10	06:33:16 06:53:05 00:19:49	100.00
1	690593	406705	07-10	06:34:13 06:51:34 00:17:22	100.00
1	690593	406705	08-10	06:35:41 06:49:33 00:13:52	100.00
1	690593	406705	09-10	06:38:18 06:46:23 00:08:05	33.11
2	690536	406211	04-02	07:57:32 08:06:38 00:09:06	43.21
2	690536	406211	05-02	07:55:27 08:08:53 00:13:26	100.00
2	690536	406211	06-02	07:54:03 08:10:25 00:16:21	100.00
2	690536	406211	07-02	07:53:02 08:11:32 00:18:30	100.00
2	690536	406211	08-02	07:52:16 08:12:24 00:20:08	100.00
2	690536	406211	09-02	07:51:42 08:13:02 00:21:20	100.00
2	690536	406211	10-02	07:51:19 08:13:29 00:22:10	100.00
2	690536	406211	11-02	07:51:05 08:13:44 00:22:39	100.00
2	690536	406211	12-02	07:51:01 08:13:49 00:22:48	100.00
2	690536	406211	13-02	07:51:05 08:13:43 00:22:38	100.00
2	690536	406211	14-02	07:51:20 08:13:27 00:22:07	100.00
2	690536	406211	15-02	07:51:45 08:12:58 00:21:13	100.00
2	690536	406211	16-02	07:52:22 08:12:15 00:19:53	100.00
2	690536	406211	17-02	07:53:16 08:11:15 00:17:59	100.00
2	690536	406211	18-02	07:54:31 08:09:52 00:15:21	100.00
2	690536	406211	19-02	07:56:26 08:07:49 00:11:24	70.64
2	690536	406211	20-02	08:00:54 08:03:19 00:02:25	3.06
2	690536	406211	22-10	07:29:04 07:36:20 00:07:16	27.25
2	690536	406211	23-10	07:26:02 07:39:01 00:12:59	93.36
2	690536	406211	24-10	07:24:13 07:40:33 00:16:20	100.00
2	690536	406211	25-10	07:22:55 07:41:36 00:18:40	100.00
2	690536	406211	26-10	07:21:58 07:42:19 00:20:21	100.00
2	690536	406211	27-10	07:21:16 07:42:49 00:21:32	100.00
2	690536	406211	28-10	07:20:48 07:43:07 00:22:19	100.00
2	690536	406211	29-10	07:20:31 07:43:15 00:22:43	100.00
2	690536	406211	30-10	07:20:26 07:43:14 00:22:48	100.00
2	690536	406211	31-10	07:20:30 07:43:04 00:22:34	100.00
2	690536	406211	01-11	07:20:45 07:42:46 00:22:01	100.00
2	690536	406211	02-11	07:21:11 07:42:18 00:21:07	100.00
2	690536	406211	03-11	07:21:50 07:41:40 00:19:51	100.00
2	690536	406211	04-11	07:22:42 07:40:50 00:18:08	100.00
2	690536	406211	05-11	07:23:52 07:39:45 00:15:54	100.00
2	690536	406211	06-11	07:25:27 07:38:17 00:12:50	89.78
2	690536	406211	07-11	07:27:52 07:35:59 00:08:08	33.97
4	690538	407215	04-04	05:53:14 05:59:50 00:06:36	42.00
4	690538	407215	05-04	05:51:08 06:01:19 00:10:11	100.00
4	690538	407215	06-04	05:49:53 06:01:59 00:12:07	100.00
4	690538	407215	07-04	05:49:08 06:02:12 00:13:03	100.00
4	690538	407215	08-04	05:48:46 06:02:01 00:13:15	100.00
4	690538	407215	09-04	05:48:45 06:01:30 00:12:45	100.00
4	690538	407215	10-04	05:49:08 06:00:35 00:11:27	100.00
4	690538	407215	11-04	05:50:04 05:59:07 00:09:03	79.73
4	690538	407215	12-04	05:52:31 05:56:13 00:03:42	11.39

Beilage zu WP JAP2-SHA-03

4	690538	407215	30-08	05:52:29 05:55:54 00:03:25 9.61
4	690538	407215	31-08	05:49:23 05:58:18 00:08:55 76.51
4	690538	407215	01-09	05:47:50 05:59:12 00:11:22 100.00
4	690538	407215	02-09	05:46:51 05:59:33 00:12:42 100.00
4	690538	407215	03-09	05:46:14 05:59:30 00:13:15 100.00
4	690538	407215	04-09	05:45:58 05:59:06 00:13:08 100.00
4	690538	407215	05-09	05:46:04 05:58:20 00:12:17 100.00
4	690538	407215	06-09	05:46:36 05:57:07 00:10:32 100.00
4	690538	407215	07-09	05:47:52 05:55:12 00:07:20 52.36

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
			(m)	(m)	(m)		
9/ 1	689509	407961	1.0	1.0	2.0	130.0	0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
1	690593	406705	01-01	08:49:19	09:13:58	00:24:39	100.00
1	690593	406705	02-01	08:49:51	09:14:23	00:24:33	100.00
1	690593	406705	03-01	08:50:23	09:14:47	00:24:25	100.00
1	690593	406705	04-01	08:50:56	09:15:10	00:24:14	100.00
1	690593	406705	05-01	08:51:30	09:15:30	00:24:00	100.00
1	690593	406705	06-01	08:52:06	09:15:49	00:23:43	100.00
1	690593	406705	07-01	08:52:43	09:16:05	00:23:22	100.00
1	690593	406705	08-01	08:53:22	09:16:18	00:22:56	100.00
1	690593	406705	09-01	08:54:04	09:16:28	00:22:24	100.00
1	690593	406705	10-01	08:54:48	09:16:35	00:21:46	100.00
1	690593	406705	11-01	08:55:36	09:16:37	00:21:01	100.00
1	690593	406705	12-01	08:56:28	09:16:33	00:20:06	100.00
1	690593	406705	13-01	08:57:24	09:16:24	00:18:59	100.00
1	690593	406705	14-01	08:58:28	09:16:07	00:17:40	100.00
1	690593	406705	15-01	08:59:40	09:15:41	00:16:01	100.00
1	690593	406705	16-01	09:01:04	09:15:01	00:13:57	96.20
1	690593	406705	17-01	09:02:49	09:13:59	00:11:10	59.73
1	690593	406705	18-01	09:05:22	09:12:13	00:06:50	22.00
1	690593	406705	24-11	08:41:35	08:49:06	00:07:31	26.41
1	690593	406705	25-11	08:39:50	08:51:21	00:11:32	63.63
1	690593	406705	26-11	08:38:47	08:52:59	00:14:11	99.62
1	690593	406705	27-11	08:38:05	08:54:18	00:16:12	100.00
1	690593	406705	28-11	08:37:37	08:55:25	00:17:48	100.00
1	690593	406705	29-11	08:37:18	08:56:25	00:19:06	100.00
1	690593	406705	30-11	08:37:07	08:57:18	00:20:11	100.00
1	690593	406705	01-12	08:37:02	08:58:07	00:21:05	100.00
1	690593	406705	02-12	08:37:02	08:58:52	00:21:49	100.00
1	690593	406705	03-12	08:37:07	08:59:34	00:22:27	100.00
1	690593	406705	04-12	08:37:15	09:00:13	00:22:58	100.00
1	690593	406705	05-12	08:37:27	09:00:50	00:23:23	100.00
1	690593	406705	06-12	08:37:42	09:01:26	00:23:44	100.00
1	690593	406705	07-12	08:37:59	09:01:59	00:24:01	100.00
1	690593	406705	08-12	08:38:18	09:02:33	00:24:14	100.00
1	690593	406705	09-12	08:38:39	09:03:04	00:24:25	100.00
1	690593	406705	10-12	08:39:02	09:03:36	00:24:33	100.00
1	690593	406705	11-12	08:39:27	09:04:06	00:24:39	100.00
1	690593	406705	12-12	08:39:52	09:04:36	00:24:44	100.00
1	690593	406705	13-12	08:40:19	09:05:06	00:24:47	100.00
1	690593	406705	14-12	08:40:46	09:05:35	00:24:49	100.00
1	690593	406705	15-12	08:41:14	09:06:05	00:24:50	100.00
1	690593	406705	16-12	08:41:43	09:06:34	00:24:51	100.00

Beilage zu WP JAP2-SHA-03

1	690593	406705	17-12	08:42:12	09:07:03	00:24:51	100.00
1	690593	406705	18-12	08:42:41	09:07:33	00:24:52	100.00
1	690593	406705	19-12	08:43:11	09:08:02	00:24:52	100.00
1	690593	406705	20-12	08:43:41	09:08:32	00:24:51	100.00
1	690593	406705	21-12	08:44:10	09:09:02	00:24:51	100.00
1	690593	406705	22-12	08:44:40	09:09:32	00:24:51	100.00
1	690593	406705	23-12	08:45:10	09:10:02	00:24:51	100.00
1	690593	406705	24-12	08:45:40	09:10:31	00:24:52	100.00
1	690593	406705	25-12	08:46:10	09:11:01	00:24:51	100.00
1	690593	406705	26-12	08:46:40	09:11:31	00:24:51	100.00
1	690593	406705	27-12	08:47:10	09:12:00	00:24:51	100.00
1	690593	406705	28-12	08:47:40	09:12:29	00:24:49	100.00
1	690593	406705	29-12	08:48:10	09:12:58	00:24:47	100.00
1	690593	406705	30-12	08:48:41	09:13:25	00:24:45	100.00
1	690593	406705	31-12	08:49:12	09:13:52	00:24:40	100.00

4	690538	407215	27-01	08:18:51	08:25:37	00:06:46	34.87
4	690538	407215	28-01	08:17:21	08:27:28	00:10:08	84.00
4	690538	407215	29-01	08:16:25	08:28:43	00:12:17	100.00
4	690538	407215	30-01	08:15:50	08:29:38	00:13:48	100.00
4	690538	407215	31-01	08:15:28	08:30:19	00:14:50	100.00
4	690538	407215	01-02	08:15:18	08:30:47	00:15:28	100.00
4	690538	407215	02-02	08:15:19	08:31:02	00:15:43	100.00
4	690538	407215	03-02	08:15:30	08:31:06	00:15:36	100.00
4	690538	407215	04-02	08:15:53	08:30:57	00:15:05	100.00
4	690538	407215	05-02	08:16:28	08:30:34	00:14:06	100.00
4	690538	407215	06-02	08:17:21	08:29:52	00:12:31	100.00
4	690538	407215	07-02	08:18:41	08:28:43	00:10:03	81.78
4	690538	407215	08-02	08:21:03	08:26:33	00:05:29	22.27
4	690538	407215	03-11	07:49:43	07:56:43	00:06:59	36.67
4	690538	407215	04-11	07:47:50	07:58:34	00:10:44	94.99
4	690538	407215	05-11	07:46:44	07:59:40	00:12:56	100.00
4	690538	407215	06-11	07:46:03	08:00:25	00:14:21	100.00
4	690538	407215	07-11	07:45:40	08:00:54	00:15:14	100.00
4	690538	407215	08-11	07:45:31	08:01:10	00:15:40	100.00
4	690538	407215	09-11	07:45:34	08:01:17	00:15:43	100.00
4	690538	407215	10-11	07:45:48	08:01:13	00:15:24	100.00
4	690538	407215	11-11	07:46:15	08:00:59	00:14:43	100.00
4	690538	407215	12-11	07:46:55	08:00:33	00:13:38	100.00
4	690538	407215	13-11	07:47:51	07:59:55	00:12:04	100.00
4	690538	407215	14-11	07:49:10	07:58:58	00:09:48	77.70
4	690538	407215	15-11	07:51:07	07:57:22	00:06:15	29.36

IP/ Fenster	x BMN	y BMN	Breite	Höhe	Bodenabstand	Blickwinkel	Neigung
10/ 1	691746	407819	(m) 1.0	(m) 1.0	(m) 2.0	230.0	0.0

WKA	x BMN	y BMN	Tag	Startzeit	Endzeit	Dauer	% Rotoranteil
1	690593	406705	01-01	15:10:52	15:32:42	00:21:50	100.00
1	690593	406705	02-01	15:11:08	15:33:23	00:22:15	100.00
1	690593	406705	03-01	15:11:24	15:34:04	00:22:40	100.00
1	690593	406705	04-01	15:11:39	15:34:44	00:23:04	100.00
1	690593	406705	05-01	15:11:55	15:35:23	00:23:28	100.00
1	690593	406705	06-01	15:12:11	15:36:02	00:23:51	100.00
1	690593	406705	07-01	15:12:27	15:36:39	00:24:12	100.00
1	690593	406705	08-01	15:12:44	15:37:14	00:24:30	100.00

Beilage zu WP JAP2-SHA-03

1	690593	406705	09-01	15:13:01	15:37:48	00:24:47	100.00
1	690593	406705	10-01	15:13:20	15:38:19	00:24:59	100.00
1	690593	406705	11-01	15:13:39	15:38:49	00:25:09	100.00
1	690593	406705	12-01	15:14:00	15:39:15	00:25:15	100.00
1	690593	406705	13-01	15:14:23	15:39:39	00:25:16	100.00
1	690593	406705	14-01	15:14:47	15:39:59	00:25:12	100.00
1	690593	406705	15-01	15:15:14	15:40:16	00:25:02	100.00
1	690593	406705	16-01	15:15:43	15:40:29	00:24:46	100.00
1	690593	406705	17-01	15:16:15	15:40:37	00:24:22	100.00
1	690593	406705	18-01	15:16:50	15:40:41	00:23:51	100.00
1	690593	406705	19-01	15:17:28	15:40:39	00:23:10	100.00
1	690593	406705	20-01	15:18:11	15:40:30	00:22:19	100.00
1	690593	406705	21-01	15:19:00	15:40:15	00:21:15	100.00
1	690593	406705	22-01	15:19:56	15:39:51	00:19:55	100.00
1	690593	406705	23-01	15:21:01	15:39:17	00:18:16	100.00
1	690593	406705	24-01	15:22:18	15:38:28	00:16:10	100.00
1	690593	406705	25-01	15:23:55	15:37:18	00:13:23	88.56
1	690593	406705	26-01	15:26:09	15:35:29	00:09:19	41.16
1	690593	406705	15-11	14:59:14	15:06:53	00:07:39	27.23
1	690593	406705	16-11	14:57:04	15:09:26	00:12:22	74.32
1	690593	406705	17-11	14:55:46	15:11:10	00:15:25	100.00
1	690593	406705	18-11	14:54:51	15:12:31	00:17:40	100.00
1	690593	406705	19-11	14:54:12	15:13:38	00:19:26	100.00
1	690593	406705	20-11	14:53:45	15:14:36	00:20:51	100.00
1	690593	406705	21-11	14:53:26	15:15:26	00:21:59	100.00
1	690593	406705	22-11	14:53:16	15:16:10	00:22:54	100.00
1	690593	406705	23-11	14:53:11	15:16:49	00:23:38	100.00
1	690593	406705	24-11	14:53:12	15:17:24	00:24:12	100.00
1	690593	406705	25-11	14:53:18	15:17:56	00:24:38	100.00
1	690593	406705	26-11	14:53:27	15:18:24	00:24:57	100.00
1	690593	406705	27-11	14:53:41	15:18:50	00:25:09	100.00
1	690593	406705	28-11	14:53:58	15:19:14	00:25:15	100.00
1	690593	406705	29-11	14:54:19	15:19:35	00:25:16	100.00
1	690593	406705	30-11	14:54:43	15:19:55	00:25:12	100.00
1	690593	406705	01-12	14:55:09	15:20:13	00:25:04	100.00
1	690593	406705	02-12	14:55:38	15:20:31	00:24:53	100.00
1	690593	406705	03-12	14:56:09	15:20:47	00:24:38	100.00
1	690593	406705	04-12	14:56:42	15:21:02	00:24:20	100.00
1	690593	406705	05-12	14:57:16	15:21:17	00:24:00	100.00
1	690593	406705	06-12	14:57:53	15:21:31	00:23:38	100.00
1	690593	406705	07-12	14:58:30	15:21:45	00:23:15	100.00
1	690593	406705	08-12	14:59:08	15:21:59	00:22:51	100.00
1	690593	406705	09-12	14:59:47	15:22:13	00:22:26	100.00
1	690593	406705	10-12	15:00:26	15:22:27	00:22:01	100.00
1	690593	406705	11-12	15:01:06	15:22:42	00:21:36	100.00
1	690593	406705	12-12	15:01:46	15:22:58	00:21:12	100.00
1	690593	406705	13-12	15:02:25	15:23:14	00:20:49	100.00
1	690593	406705	14-12	15:03:04	15:23:32	00:20:27	100.00
1	690593	406705	15-12	15:03:43	15:23:51	00:20:08	100.00
1	690593	406705	16-12	15:04:20	15:24:11	00:19:51	100.00
1	690593	406705	17-12	15:04:56	15:24:33	00:19:36	100.00
1	690593	406705	18-12	15:05:32	15:24:57	00:19:25	100.00
1	690593	406705	19-12	15:06:05	15:25:22	00:19:17	100.00
1	690593	406705	20-12	15:06:37	15:25:49	00:19:12	100.00
1	690593	406705	21-12	15:07:08	15:26:18	00:19:11	100.00
1	690593	406705	22-12	15:07:37	15:26:49	00:19:13	100.00
1	690593	406705	23-12	15:08:04	15:27:22	00:19:19	100.00
1	690593	406705	24-12	15:08:29	15:27:57	00:19:28	100.00
1	690593	406705	25-12	15:08:53	15:28:33	00:19:40	100.00

Beilage zu WP JAP2-SHA-03

1	690593	406705	26-12	15:09:15	15:29:11	00:19:56	100.00
1	690593	406705	27-12	15:09:36	15:29:49	00:20:14	100.00
1	690593	406705	28-12	15:09:55	15:30:29	00:20:34	100.00
1	690593	406705	29-12	15:10:14	15:31:10	00:20:56	100.00
1	690593	406705	30-12	15:10:31	15:31:51	00:21:19	100.00
1	690593	406705	31-12	15:10:48	15:32:32	00:21:44	100.00
4	690538	407215	10-02	16:32:31	16:38:51	00:06:20	33.37
4	690538	407215	11-02	16:30:37	16:40:48	00:10:11	95.41
4	690538	407215	12-02	16:29:32	16:41:56	00:12:24	100.00
4	690538	407215	13-02	16:28:52	16:42:36	00:13:44	100.00
4	690538	407215	14-02	16:28:30	16:42:56	00:14:26	100.00
4	690538	407215	15-02	16:28:24	16:42:59	00:14:35	100.00
4	690538	407215	16-02	16:28:33	16:42:43	00:14:11	100.00
4	690538	407215	17-02	16:28:57	16:42:09	00:13:12	100.00
4	690538	407215	18-02	16:29:44	16:41:10	00:11:26	100.00
4	690538	407215	19-02	16:31:07	16:39:35	00:08:28	64.16
4	690538	407215	21-10	16:05:16	16:06:47	00:01:32	1.89
4	690538	407215	22-10	16:01:31	16:10:15	00:08:44	68.30
4	690538	407215	23-10	15:59:58	16:11:32	00:11:34	100.00
4	690538	407215	24-10	15:59:01	16:12:17	00:13:16	100.00
4	690538	407215	25-10	15:58:26	16:12:39	00:14:13	100.00
4	690538	407215	26-10	15:58:09	16:12:45	00:14:35	100.00
4	690538	407215	27-10	15:58:07	16:12:34	00:14:27	100.00
4	690538	407215	28-10	15:58:23	16:12:08	00:13:46	100.00
4	690538	407215	29-10	15:58:57	16:11:24	00:12:27	100.00
4	690538	407215	30-10	15:59:57	16:10:15	00:10:18	97.33
4	690538	407215	31-10	16:01:45	16:08:21	00:06:37	36.35